

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090724.D
 Acq On : 21 Oct 2016 21:48
 Operator : UM/SJ
 Sample : H5343-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM

Quant Time: Oct 24 11:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	293794	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1189921	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	628786	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	967835	20.00	ng	0.00
75) Chrysene-d12	14.03	240	693500	20.00	ng	0.01
86) Perylene-d12	15.46	264	449406	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2035190	111.72	ng	0.02
7) Phenol-d6	6.51	99	2692414	109.12	ng	0.01
23) Nitrobenzene-d5	7.42	82	1898063	87.49	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	699839	140.62	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3301529	81.51	ng	0.00
78) Terphenyl-d14	12.97	244	2759364	91.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	319381	30.30	ng	# 82
3) Pyridine	3.32	79	871243	35.27	ng	# 78
4) n-Nitrosodimethylamine	3.29	42	342181	40.49	ng	# 79
6) Aniline	6.53	93	901083	32.21	ng	# 85
8) 2-Chlorophenol	6.65	128	796790	36.44	ng	# 89
9) Benzaldehyde	6.41	77	174504	12.93	ng	# 75
10) Phenol	6.52	94	1132437	40.83	ng	# 58
11) bis(2-Chloroethyl)ether	6.60	93	894595	38.39	ng	# 96
12) 1,3-Dichlorobenzene	6.79	146	830421	37.80	ng	# 91
13) 1,4-Dichlorobenzene	6.87	146	892086	38.29	ng	# 92
14) 1,2-Dichlorobenzene	7.03	146	812812	35.63	ng	# 98
15) Benzyl Alcohol	7.00	79	620152	37.00	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1115788	31.97	ng	# 69
17) 2-Methylphenol	7.13	107	714249	43.35	ng	# 82
18) Hexachloroethane	7.37	117	342040	36.16	ng	# 92
19) n-Nitroso-di-n-propylamine	7.29	70	645936	35.15	ng	# 69
20) 3+4-Methylphenols	7.27	107	760677	38.95	ng	# 63
22) Acetophenone	7.27	105	1088014	41.03	ng	# 82
24) Nitrobenzene	7.45	77	896269	38.11	ng	# 70
25) Isophorone	7.69	82	1810846	44.09	ng	# 88
26) 2-Nitrophenol	7.77	139	468822	48.79	ng	# 81
27) 2,4-Dimethylphenol	7.80	122	766665	45.00	ng	# 78
28) bis(2-Chloroethoxy)methane	7.90	93	1113839	49.58	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	680929	48.70	ng	# 94
30) 1,2,4-Trichlorobenzene	8.09	180	726675	44.16	ng	# 97
31) Naphthalene	8.17	128	2347372	40.33	ng	# 96
32) Benzoic acid	7.89	122	45789	10.76	ng	# 83
33) 4-Chloroaniline	8.21	127	546079	25.30	ng	# 85
34) Hexachlorobutadiene	8.29	225	415825	44.94	ng	# 99
35) Caprolactam	8.60	113	216236m	54.15	ng	# 81
36) 4-Chloro-3-methylphenol	8.70	107	689548	42.40	ng	# 92
37) 2-Methylnaphthalene	8.86	142	1563201	45.95	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	665374	39.19	ng	# 96
40) Hexachlorocyclopentadiene	9.01	237	765931	96.09	ng	# 96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090724.D
 Acq On : 21 Oct 2016 21:48
 Operator : UM/SJ
 Sample : H5343-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

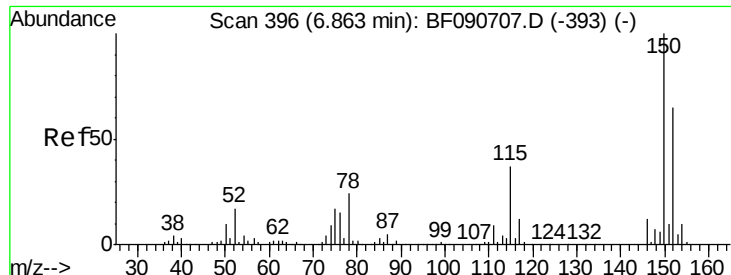
Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM

Quant Time: Oct 24 11:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	471143	44.75	nq	100
43) 2,4,5-Trichlorophenol	9.18	196	447662	41.90	nq	# 90
45) 1,1'-Biphenyl	9.32	154	1770032	35.85	nq	90
46) 2-Chloronaphthalene	9.34	162	1467173	39.97	nq	# 88
47) 2-Nitroaniline	9.45	65	515283	42.30	nq	# 74
48) Acenaphthylene	9.77	152	2300818	41.08	nq	94
49) Dimethylphthalate	9.63	163	1985924	50.26	nq	# 96
50) 2,6-Dinitrotoluene	9.69	165	349379	41.12	nq	# 41
51) Acenaphthene	9.94	154	1556352	41.86	nq	89
52) 3-Nitroaniline	9.86	138	278022	28.47	nq	# 57
53) 2,4-Dinitrophenol	9.96	184	205197m	51.66	nq	
54) Dibenzofuran	10.11	168	1995152	44.30	nq	# 85
55) 4-Nitrophenol	10.03	139	541907	89.55	nq	# 45
56) 2,4-Dinitrotoluene	10.10	165	535084	51.53	nq	# 90
57) Fluorene	10.45	166	1599683	42.86	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	384557	45.86	nq	93
59) Diethylphthalate	10.33	149	1590581	38.81	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	720263	42.23	nq	# 86
61) 4-Nitroaniline	10.49	138	401623	40.60	nq	# 56
62) Azobenzene	10.60	77	1927681	40.17	nq	86
64) 4,6-Dinitro-2-methylphenol	10.51	198	275222	44.85	nq	# 72
65) n-Nitrosodiphenylamine	10.57	169	1393323	44.94	nq	89
66) 4-Bromophenyl-phenylether	10.93	248	442577	47.17	nq	99
67) Hexachlorobenzene	11.00	284	519921	46.96	nq	# 84
68) Atrazine	11.09	200	372665	43.54	nq	85
69) Pentachlorophenol	11.19	266	575677	81.70	nq	98
70) Phenanthrene	11.41	178	2116081m	42.89	nq	
71) Anthracene	11.46	178	2152072	39.34	nq	95
72) Carbazole	11.62	167	1989543	43.49	nq	# 92
73) Di-n-butylphthalate	11.95	149	2382036	40.15	nq	# 96
74) Fluoranthene	12.60	202	2119876	44.42	nq	89
76) Benzidine	12.73	184	754699	49.01	nq	97
77) Pyrene	12.83	202	2125626	43.89	nq	# 94
79) Butylbenzylphthalate	13.45	149	1057349	47.49	nq	91
80) Benzo(a)anthracene	14.02	228	1637152	43.14	nq	95
81) 3,3'-Dichlorobenzidine	13.98	252	393758	29.94	nq	# 93
82) Chrysene	14.05	228	1688753m	45.59	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1349530	42.37	nq	# 96
84) Di-n-octyl phthalate	14.61	149	2019735	41.78	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.86	276	1092466	33.81	nq	# 94
87) Benzo(b)fluoranthene	15.05	252	1218720	44.10	nq	# 89
88) Benzo(k)fluoranthene	15.07	252	1251267m	45.06	nq	
89) Benzo(a)pyrene	15.40	252	1115479	43.02	nq	# 88
90) Dibenzo(a,h)anthracene	16.89	278	942695	37.87	nq	# 82
91) Benzo(g,h,i)perylene	17.29	276	866728	35.90	nq	# 85

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



#1

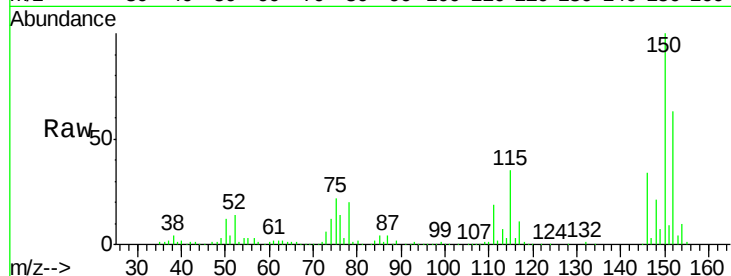
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

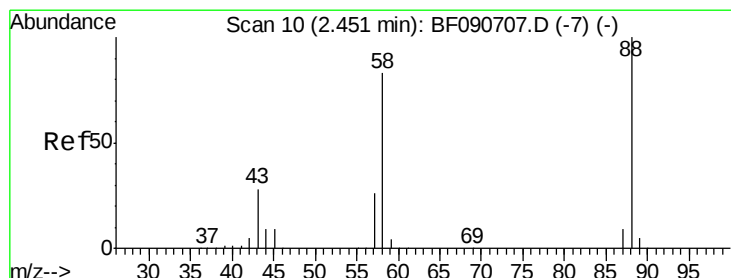
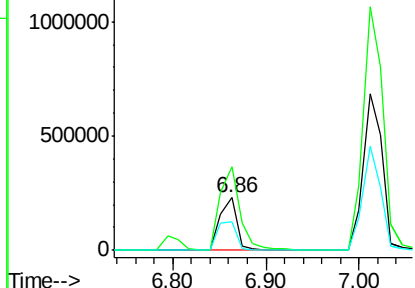
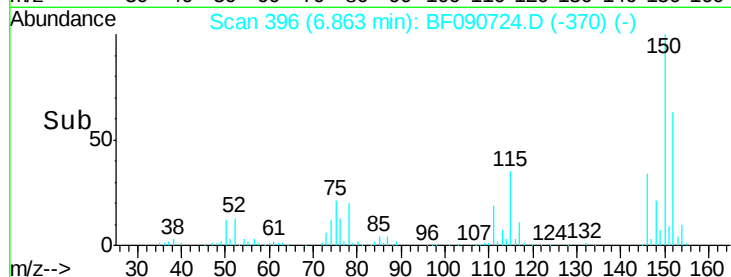
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.7	187.1
115	55.6	39.0	58.4

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



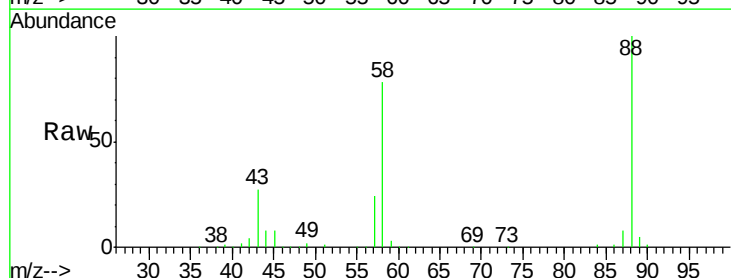
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



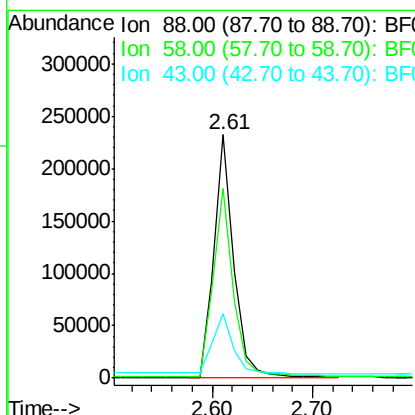
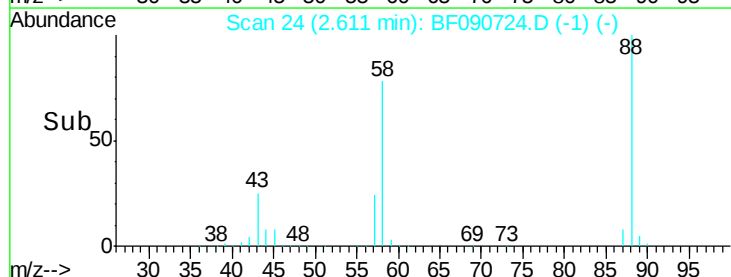
#2

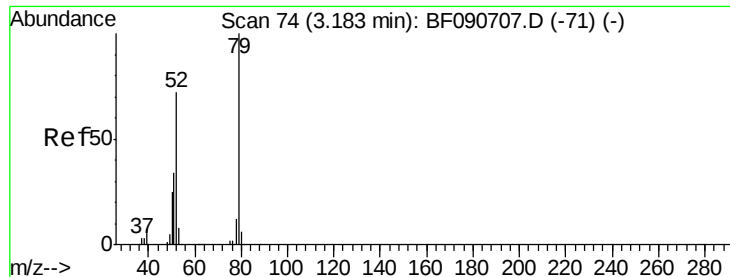
1,4-Dioxane
Concen: 30.30 ng
RT: 2.61 min Scan# 24
Delta R.T. 0.13 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	77.7	116.5
43	25.3	26.6	40.0#



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





#3

Pvridine

Concen: 35.27 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.11 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

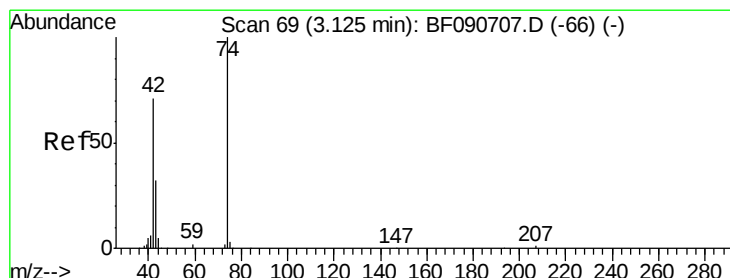
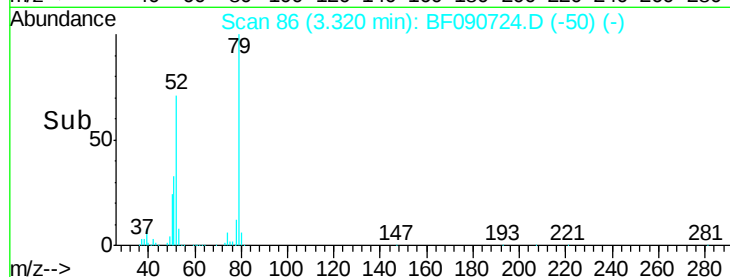
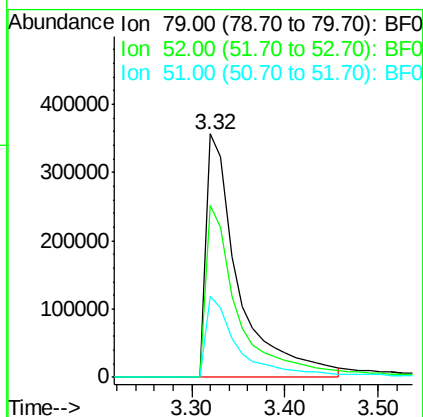
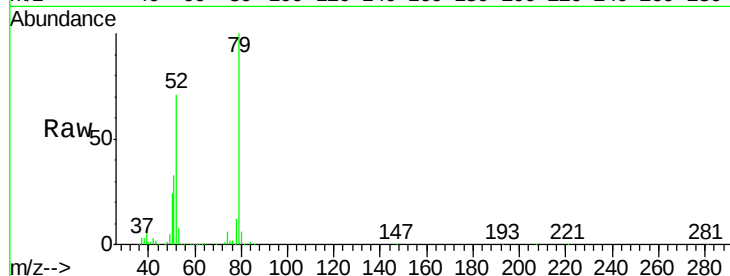
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:	79	Resp:	871243
Ion Ratio	Lower	Upper	
79	100		
52	70.6	76.8	115.2#
51	33.3	32.2	48.4

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#4

n-Nitrosodimethylamine

Concen: 40.49 ng

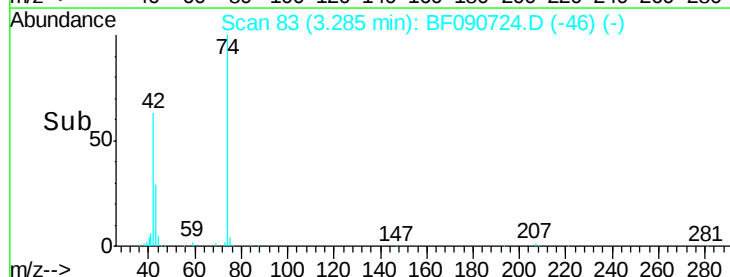
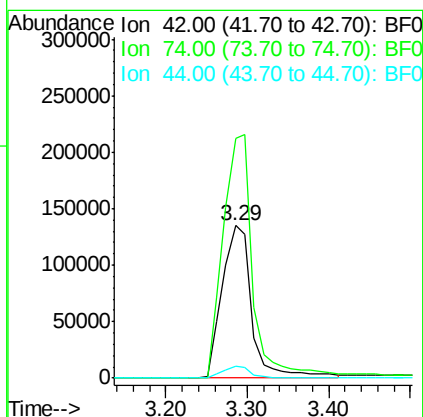
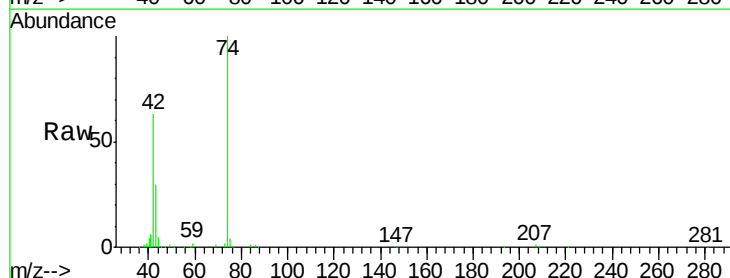
RT: 3.29 min Scan# 83

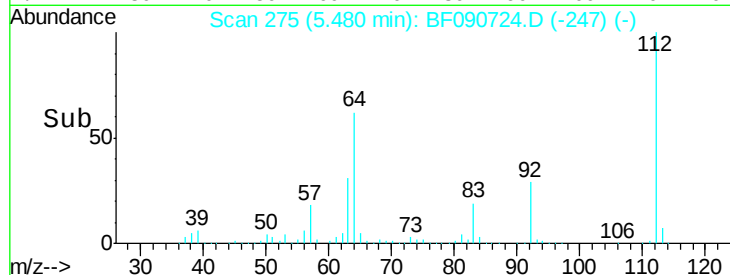
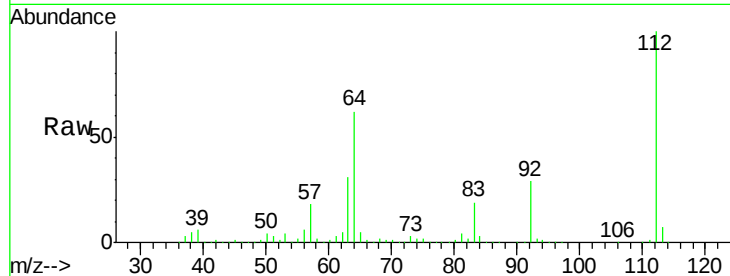
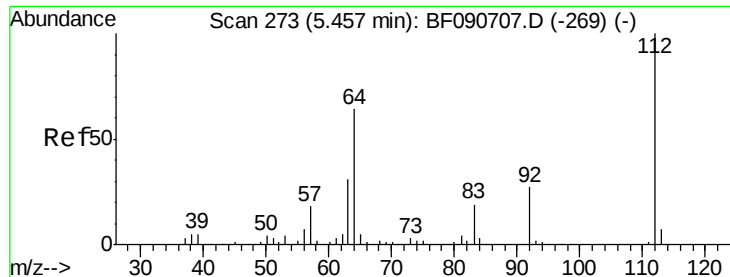
Delta R.T. 0.13 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion:	42	Resp:	342181
Ion Ratio	Lower	Upper	
42	100		
74	157.5	105.0	157.6
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 111.72 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:112 Resp: 2035190

Ion Ratio Lower Upper

112 100

64 62.0 39.7 59.5#

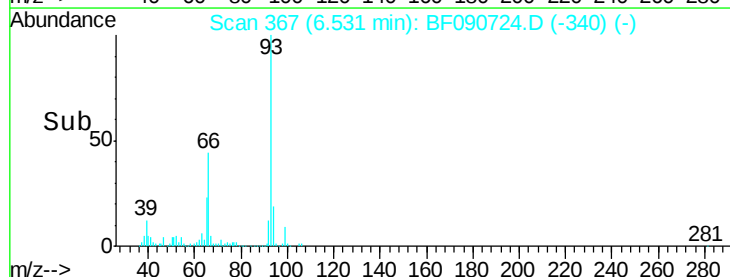
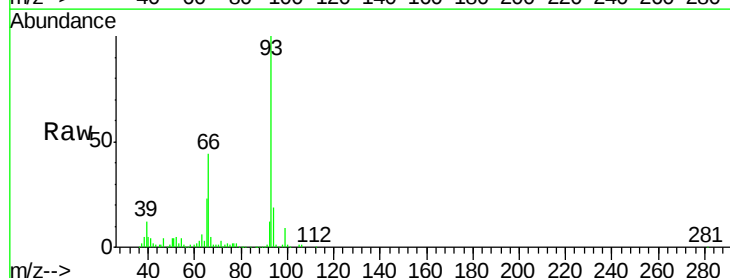
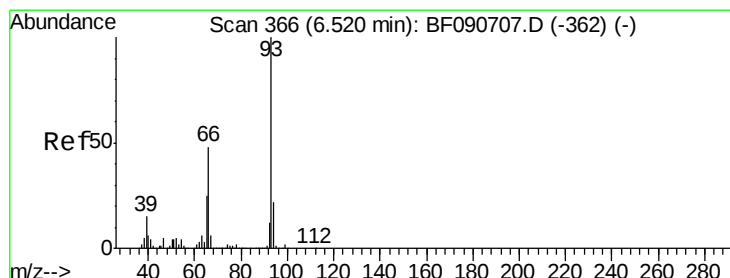
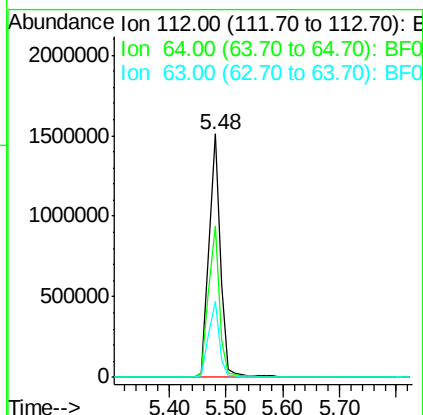
63 31.2 17.4 26.0#

Manual Integrations

APPROVED

sohil

10/24/2016 3:52:11 PM



#6

Aniline

Concen: 32.21 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

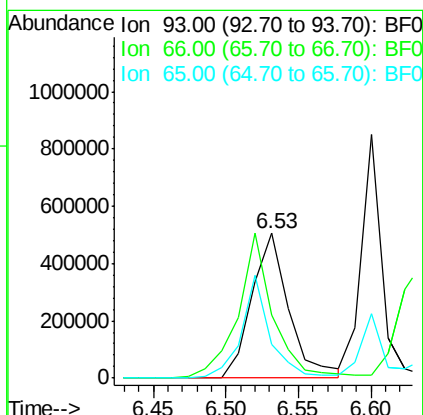
Tgt Ion: 93 Resp: 901083

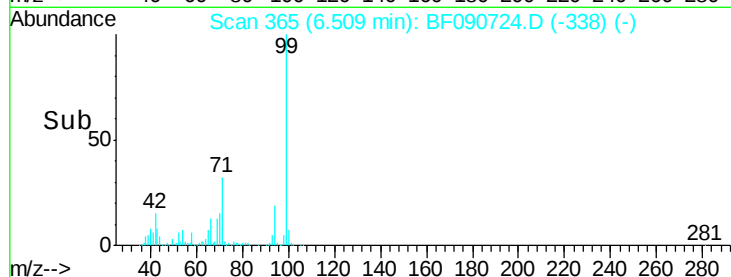
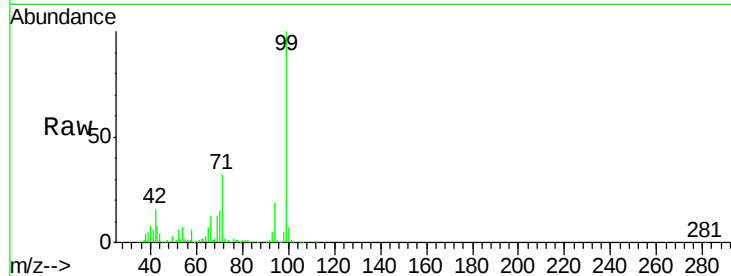
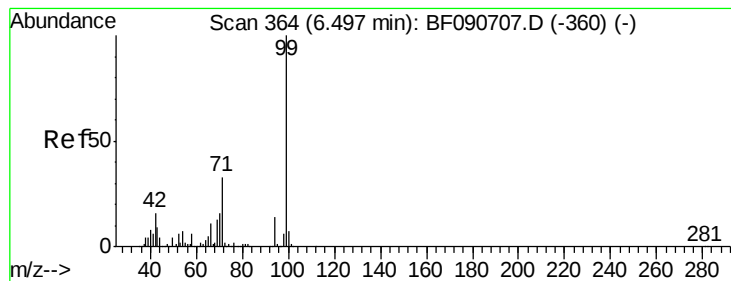
Ion Ratio Lower Upper

93 100

66 44.0 27.2 40.8#

65 22.9 14.7 22.1#





#7

Phenol-d6

Concen: 109.12 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tot Ion: 99 Resp: 2692414

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

71 32.4 14.2 21.2#

Instrument :

BNA_F

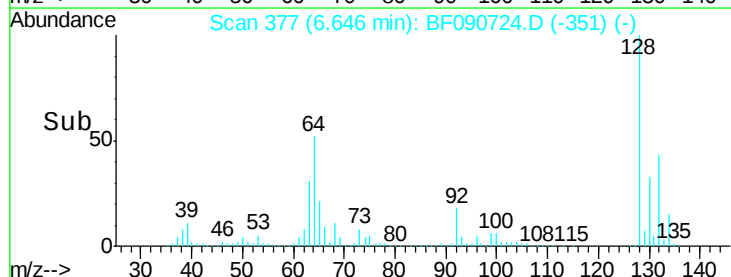
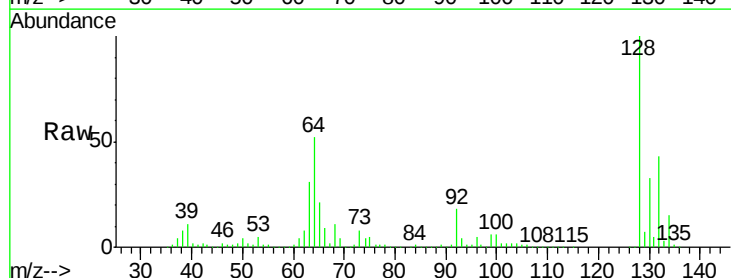
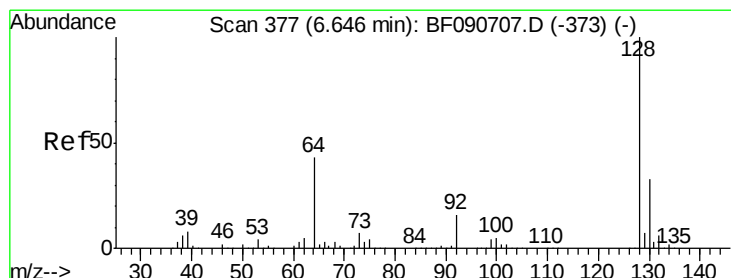
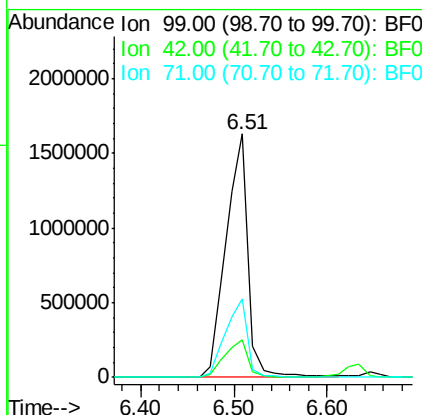
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Manual Integrations

APPROVED

sohil
10/24/2016 3:52:11 PM



#8

2-Chlorophenol

Concen: 36.44 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

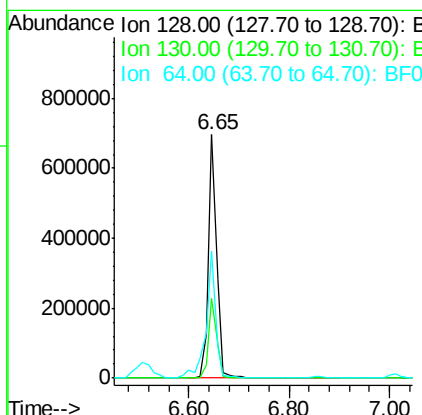
Tgt Ion:128 Resp: 796790

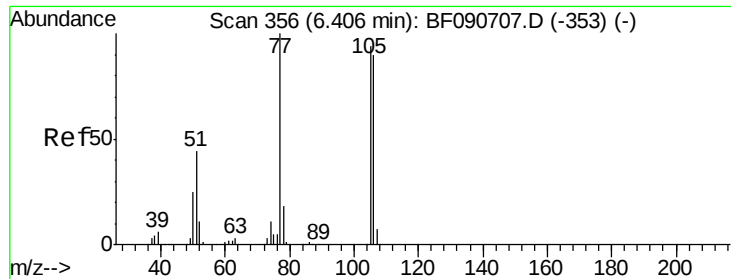
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 52.4 20.5 60.5





#9

Benzaldehyde

Concen: 12.93 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

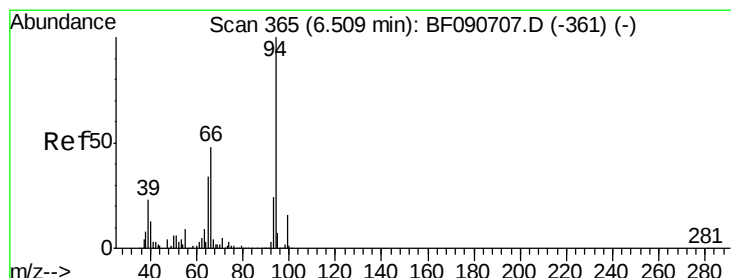
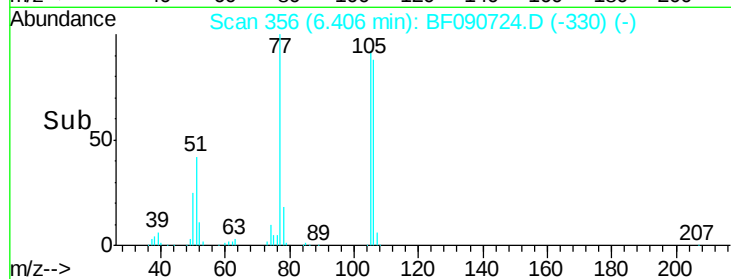
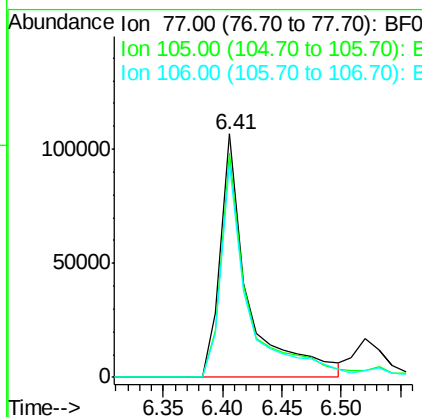
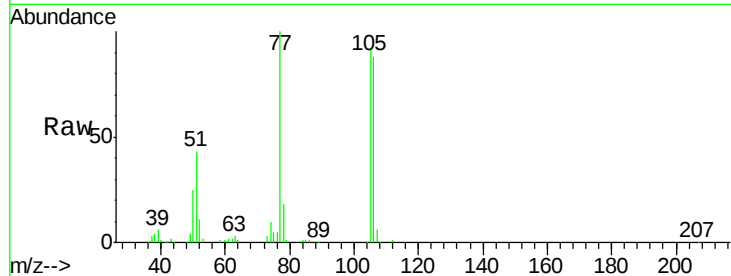
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	92.4	91.6	131.6		
106	88.2	102.6	142.6		

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#10

Phenol

Concen: 40.83 ng

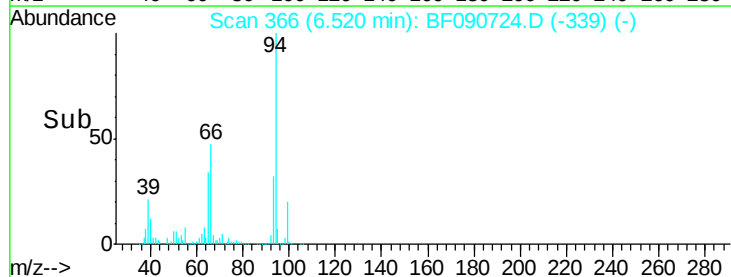
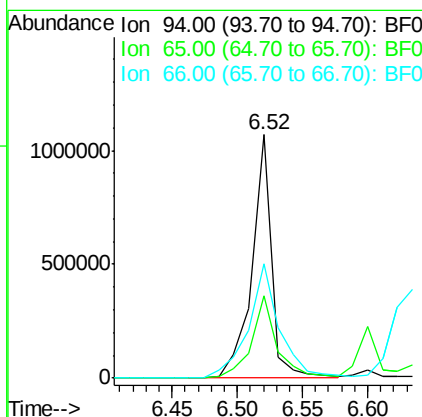
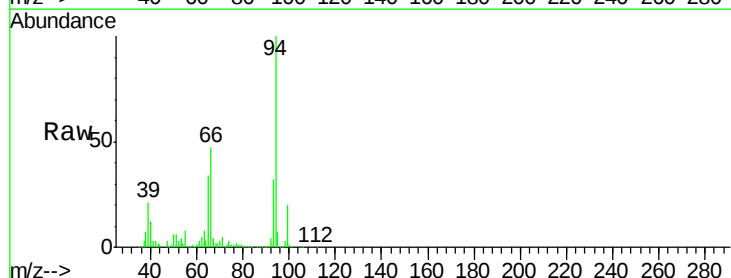
RT: 6.52 min Scan# 366

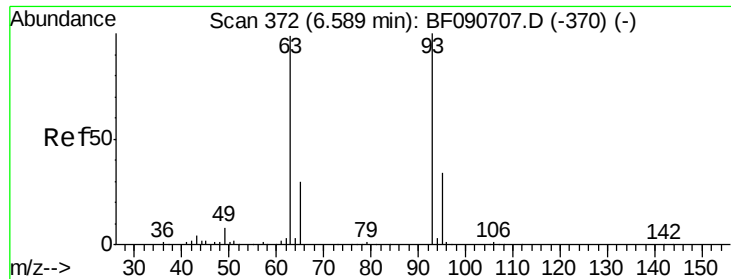
Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.7	0.7	40.7		
66	47.2	0.8	40.8		





#11

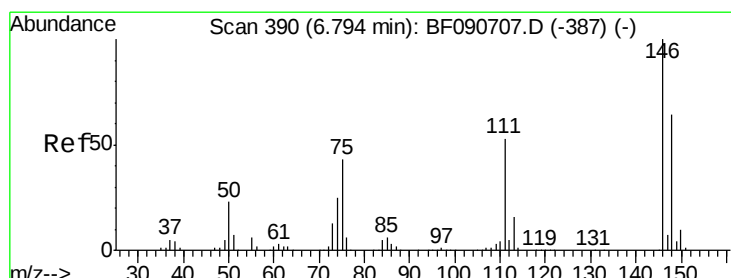
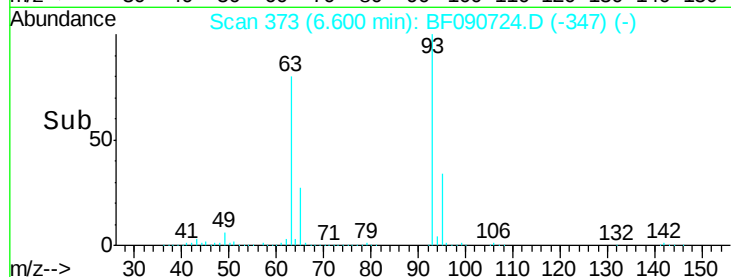
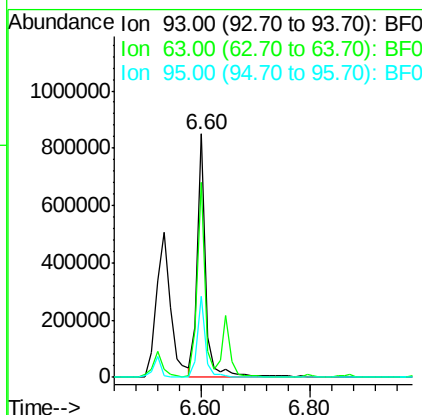
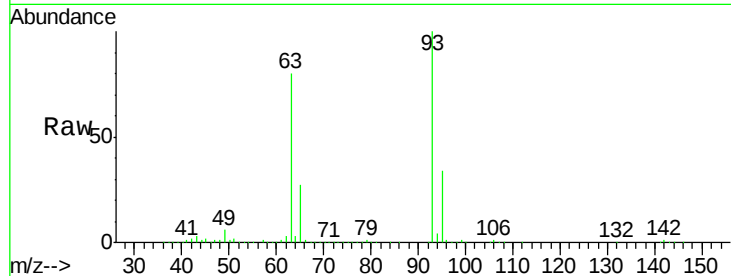
bis(2-Chloroethyl)ether
Concen: 38.39 ng
RT: 6.60 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	65.6	105.6
95	33.6	13.6	53.6

Manual Integrations
APPROVED

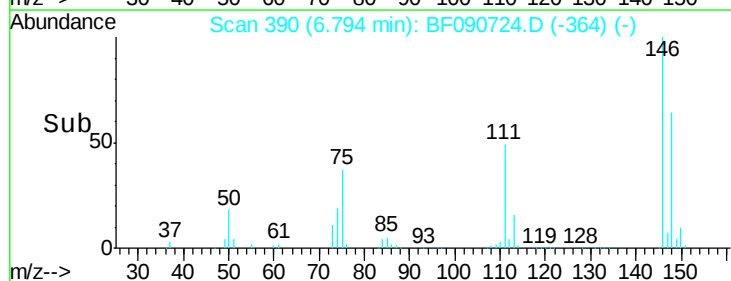
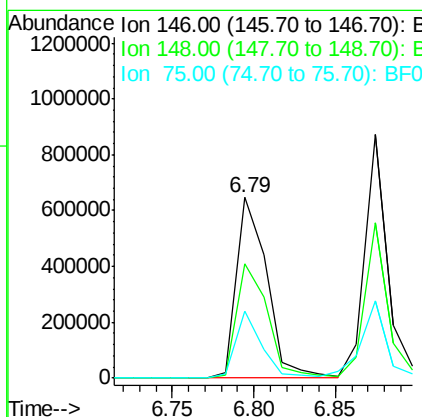
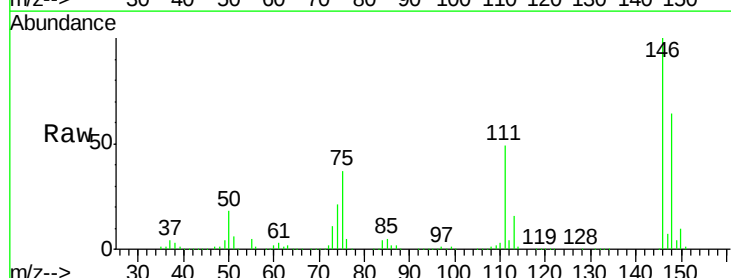
sohil
10/24/2016 3:52:11 PM

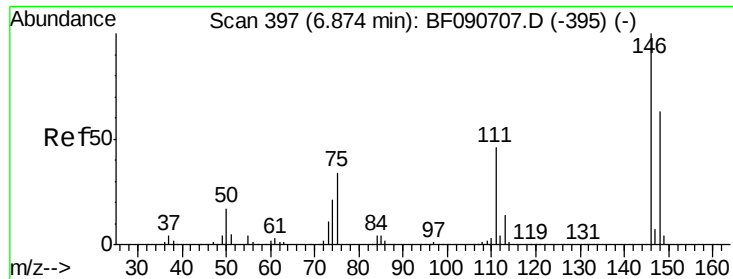


#12

1,3-Dichlorobenzene
Concen: 37.80 ng
RT: 6.79 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
75	36.9	15.0	22.6





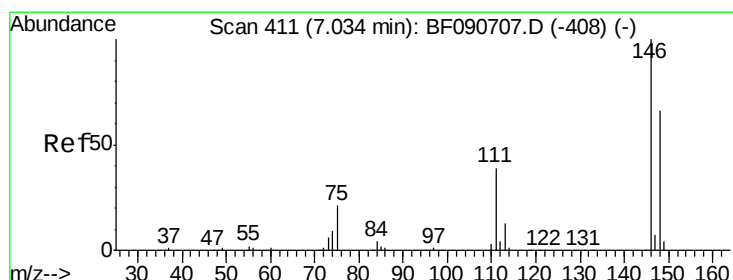
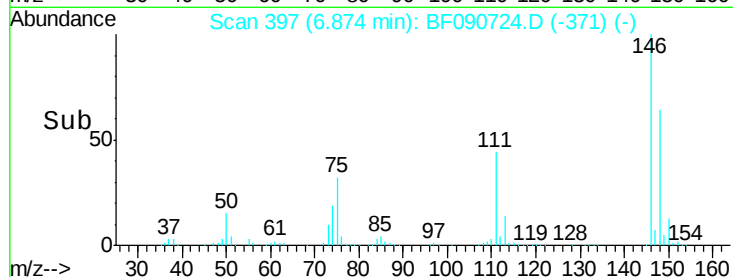
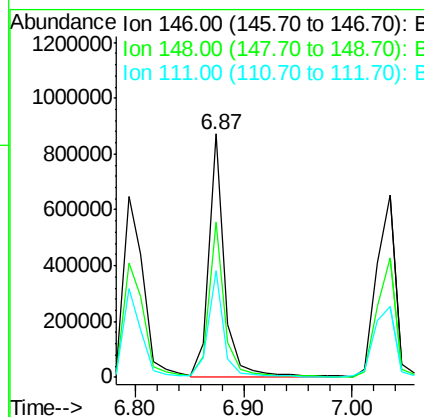
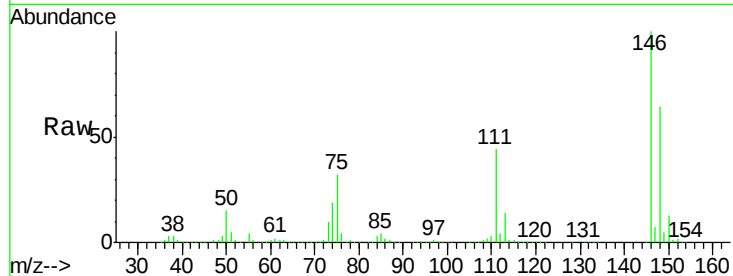
#13
1,4-Dichlorobenzene
Concen: 38.29 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	44.0	24.9	37.3

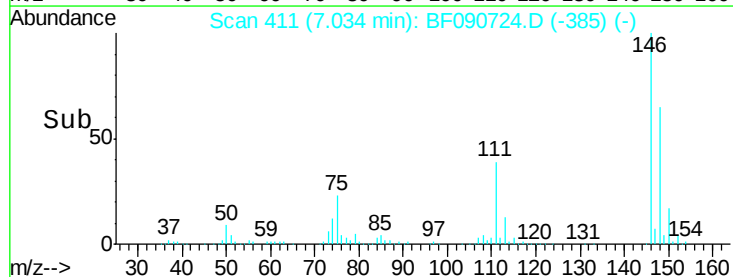
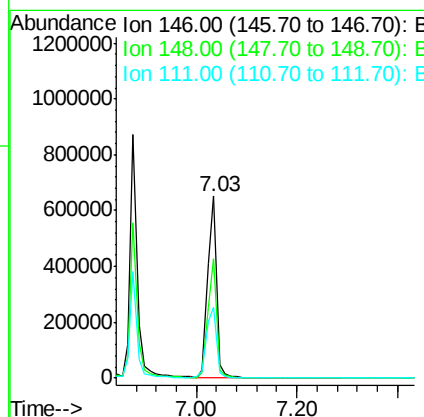
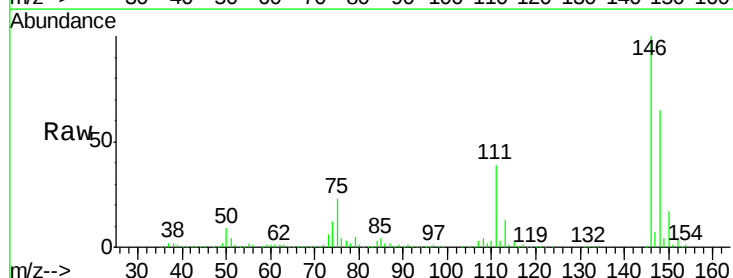
Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#14
1,2-Dichlorobenzene
Concen: 35.63 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.7	79.1
111	39.1	28.8	43.2





#15

Benzyl Alcohol

Concen: 37.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

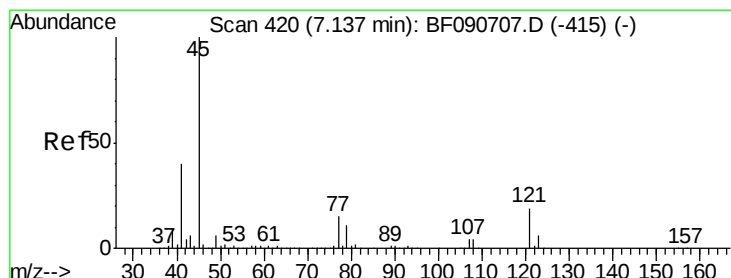
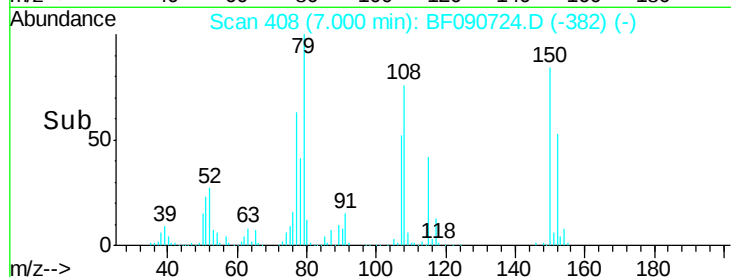
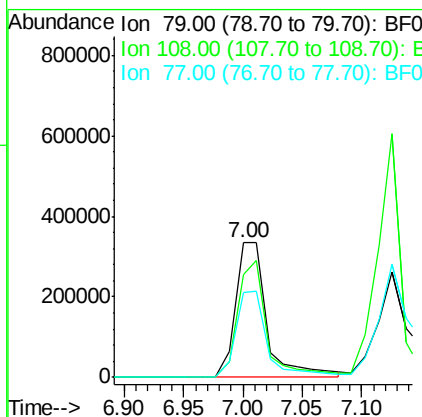
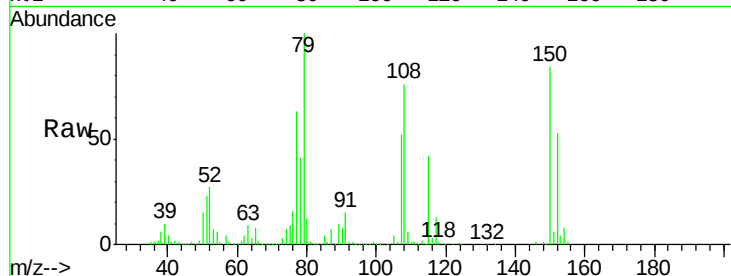
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	76.0	88.6	132.8#	
77	63.2	47.0	70.4	

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.97 ng

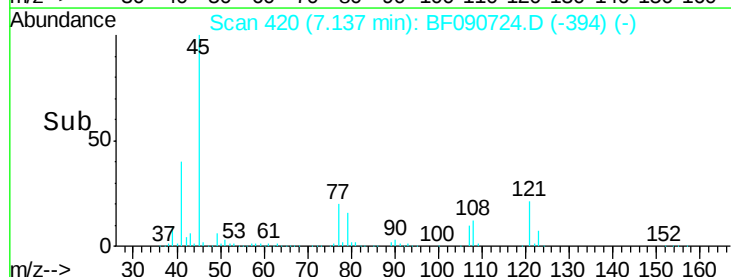
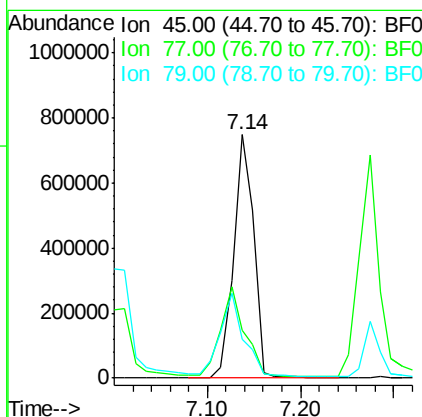
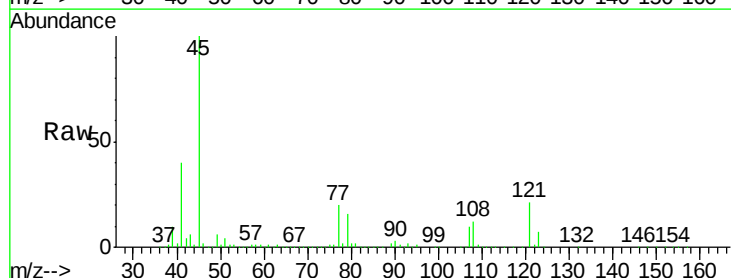
RT: 7.14 min Scan# 420

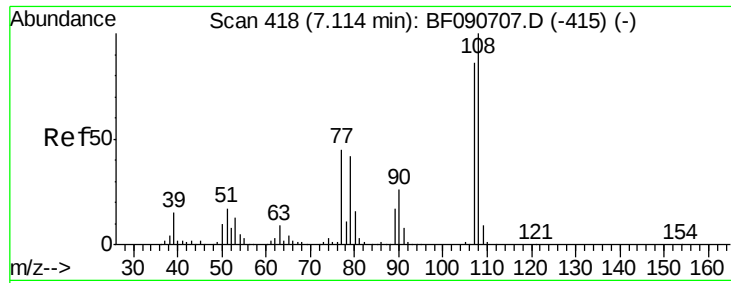
Delta R.T. 0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	19.6	0.0	28.1	
79	16.1	0.0	26.0	





#17

2-Methylphenol

Concen: 43.35 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

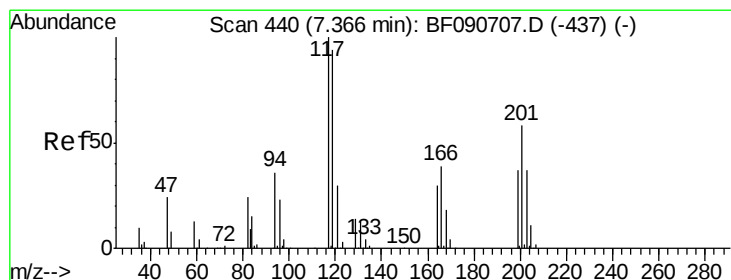
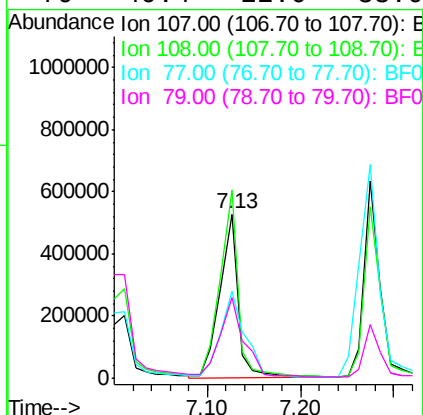
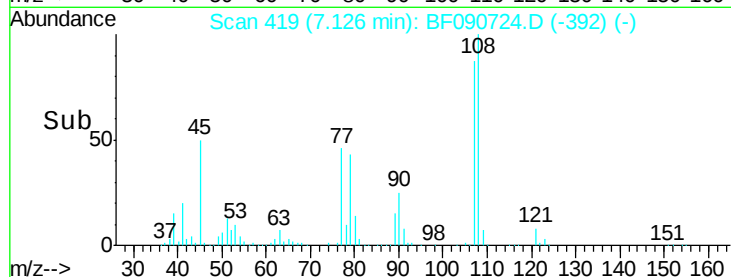
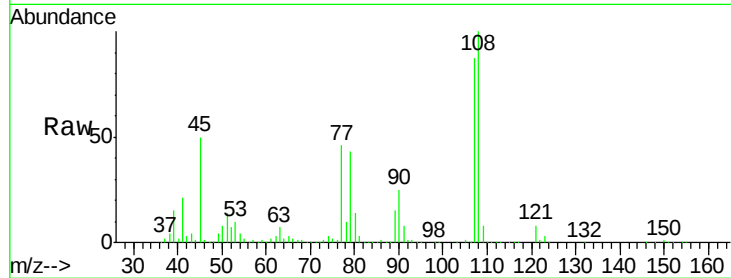
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	114.5	96.6	145.0	
77	77	52.9	23.3	34.9	
79	79	49.4	22.0	33.0	

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#18

Hexachloroethane

Concen: 36.16 ng

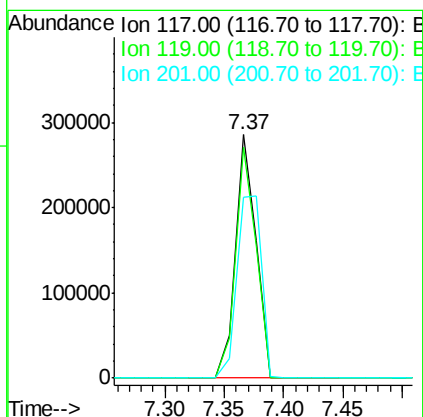
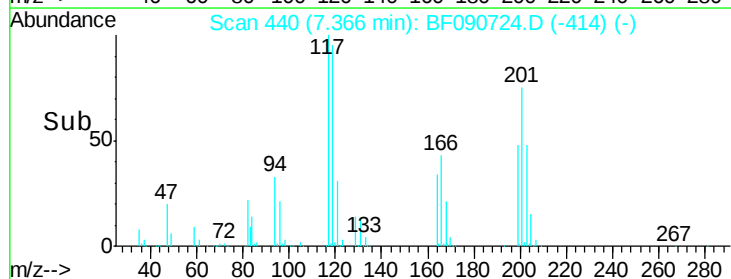
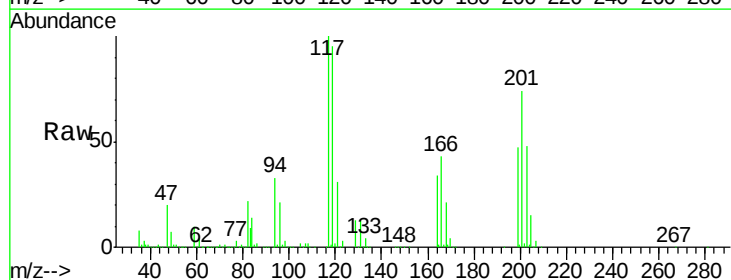
RT: 7.37 min Scan# 440

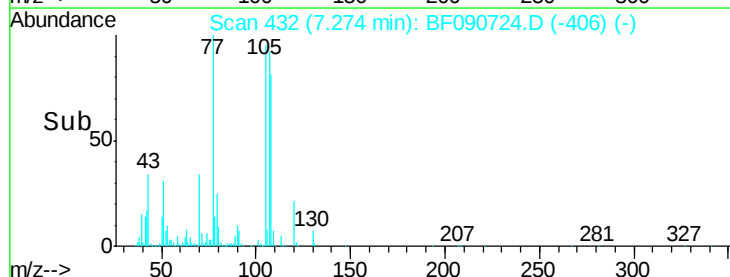
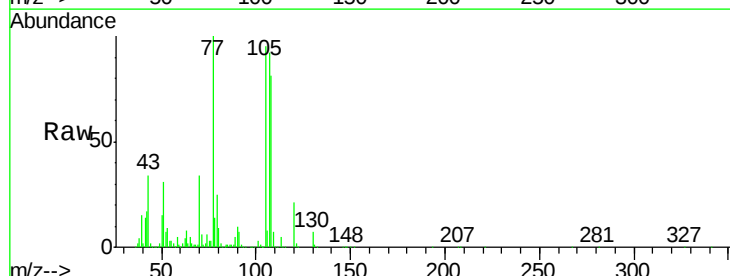
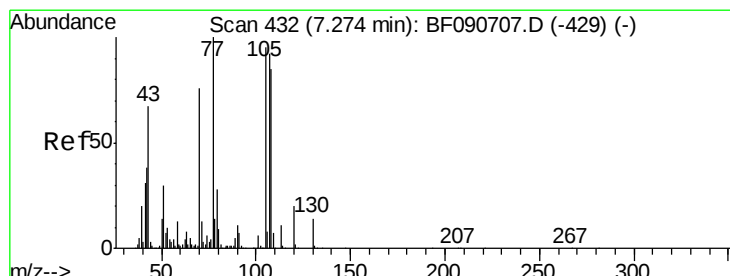
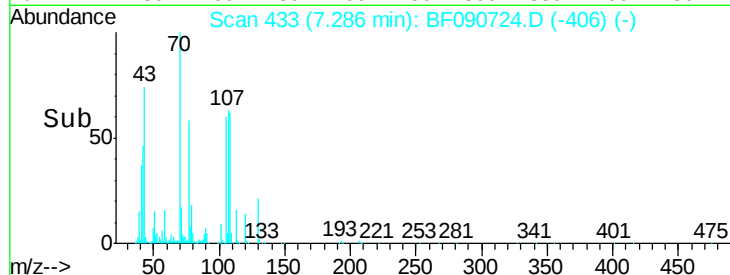
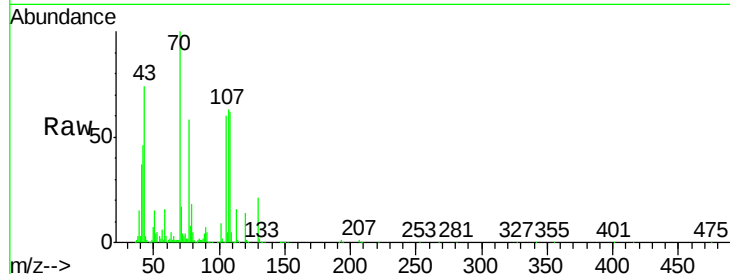
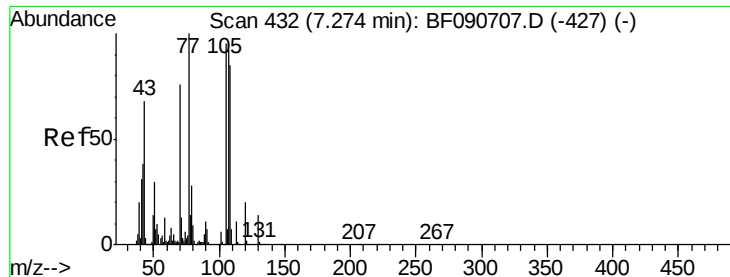
Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.9	83.8	125.6	
201	201	74.4	55.1	82.7	





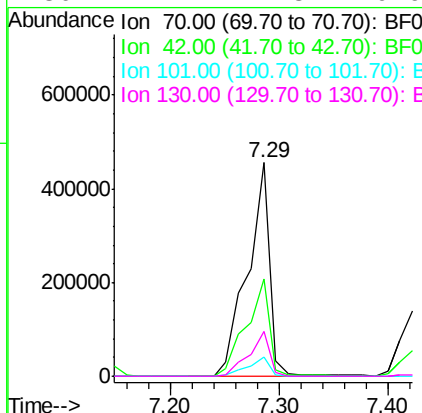
#19
n-Nitroso-di-n-propylamine
Concen: 35.15 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.8	63.8	95.6#
101	9.3	9.2	13.8
130	21.1	27.3	40.9#

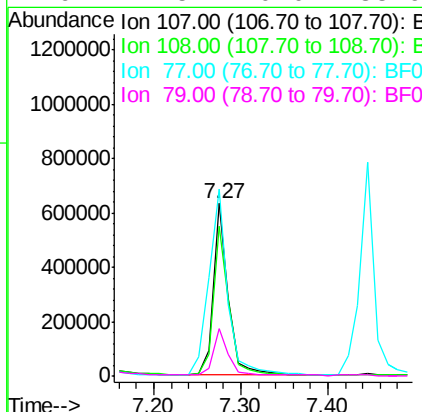
Manual Integrations
APPROVED

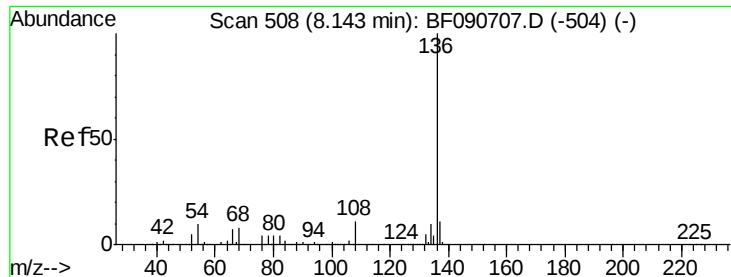
sohil
10/24/2016 3:52:11 PM



#20
3+4-Methylphenols
Concen: 38.95 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	74.6	114.6
77	108.3	0.7	40.7#
79	27.5	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

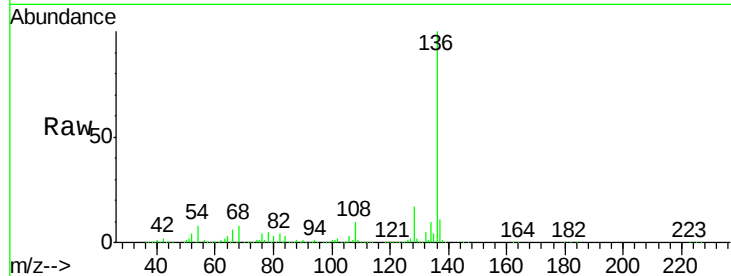
ClientSampleId :

RMAB-SB01-13.5-14.0MS

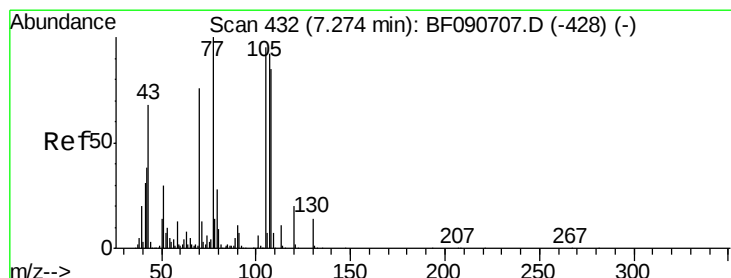
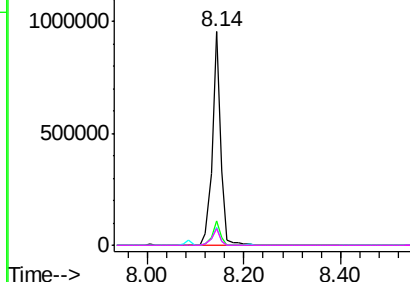
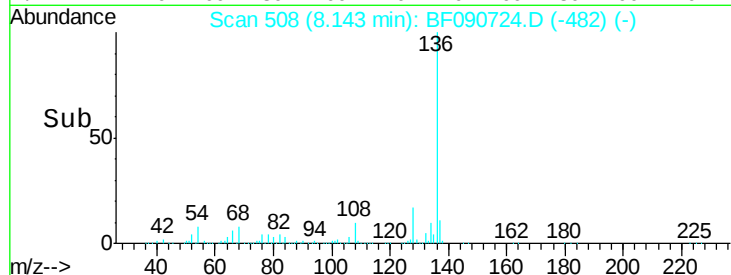
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.4	8.2	12.2
68	7.9	5.8	8.6

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.03 ng

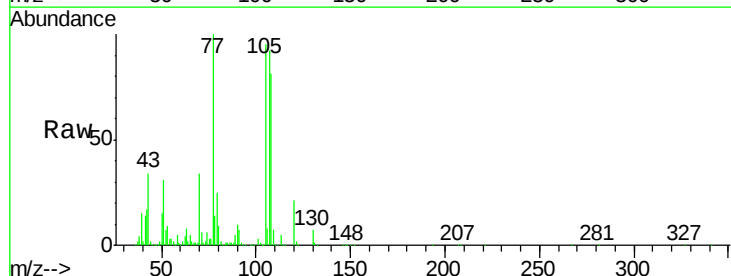
RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

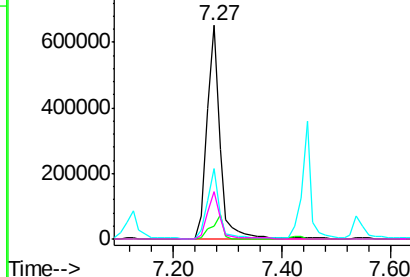
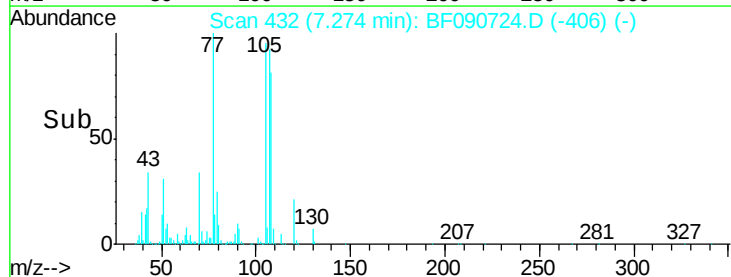
Lab File: BF090724.D

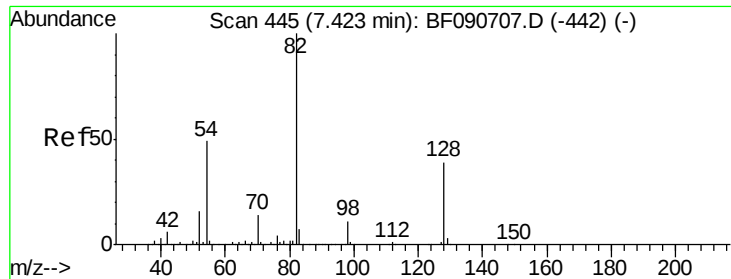
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.7	7.1
51	32.9	22.0	33.0
120	21.9	30.1	45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





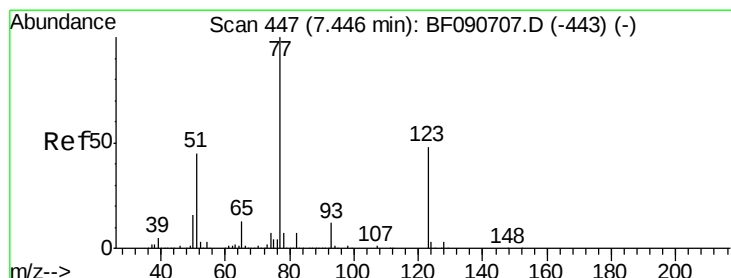
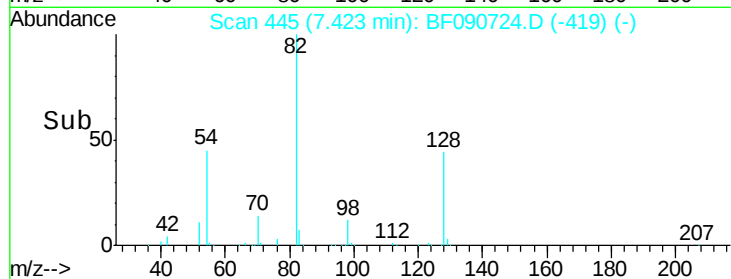
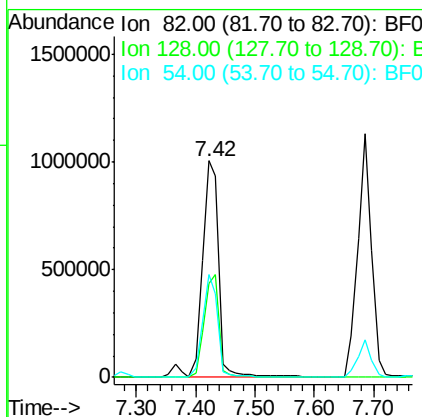
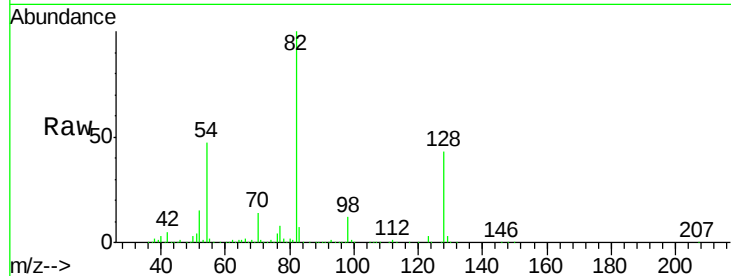
#23
 Nitrobenzene-d5
 Concen: 87.49 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	51.0	76.6#
54	47.4	47.5	71.3#

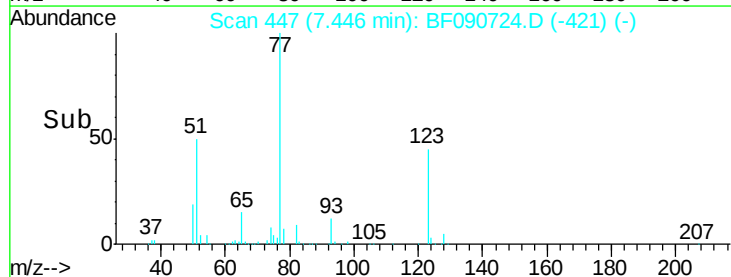
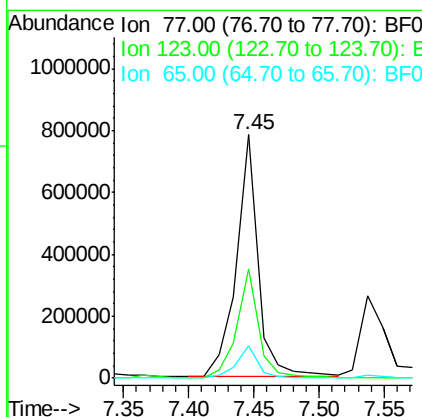
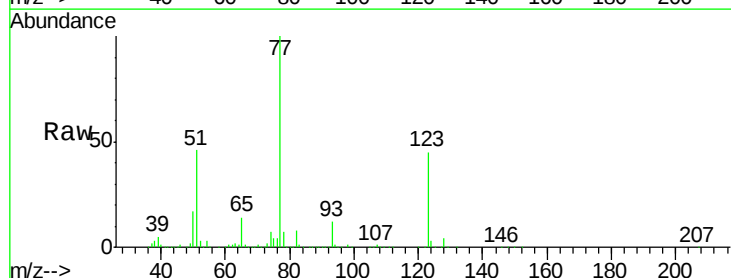
Manual Integrations
 APPROVED

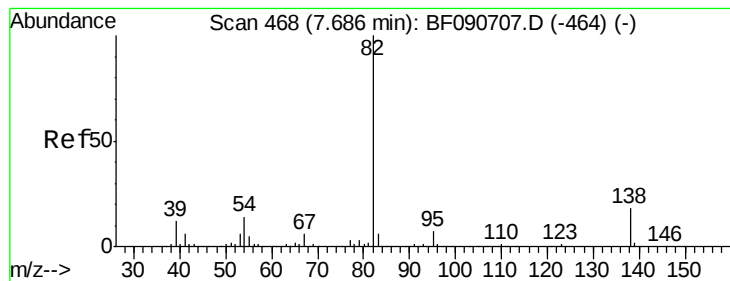
sohil
 10/24/2016 3:52:11 PM



#24
 Nitrobenzene
 Concen: 38.11 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	59.8	89.8#
65	13.6	10.2	15.4





#25

Isophorone

Concen: 44.09 ng

RT: 7.69 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion: 82 Resp: 1810846

Ion Ratio Lower Upper

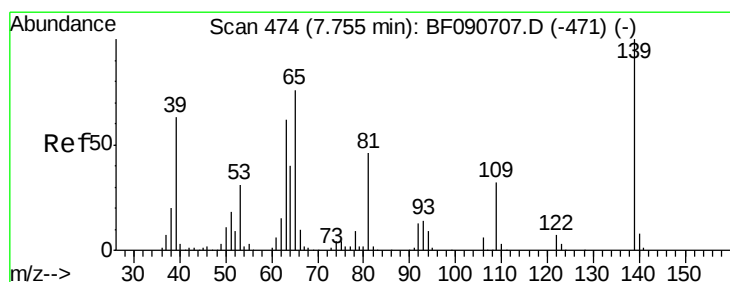
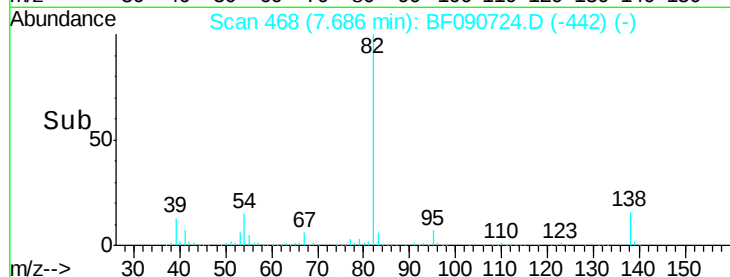
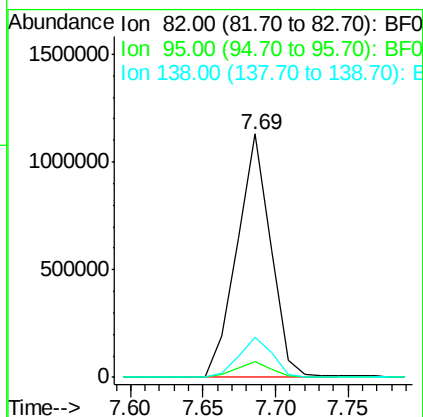
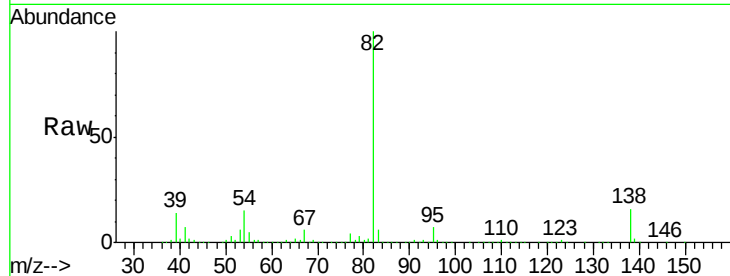
82 100

95 6.7 4.0 6.0#

138 16.5 18.3 27.5#

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#26

2-Nitrophenol

Concen: 48.79 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

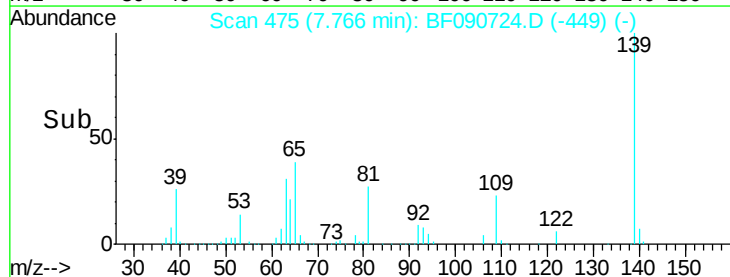
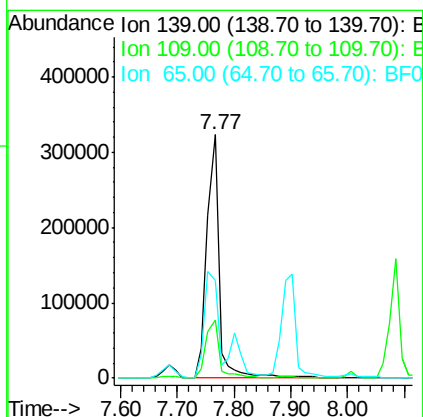
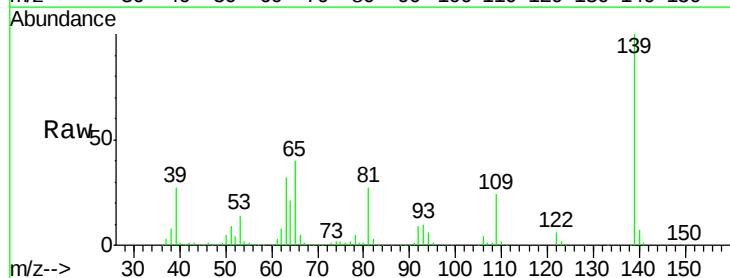
Tgt Ion: 139 Resp: 468822

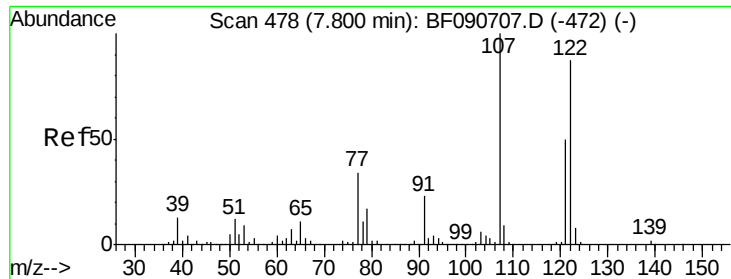
Ion Ratio Lower Upper

139 100

109 23.6 11.0 16.4#

65 40.3 24.7 37.1#





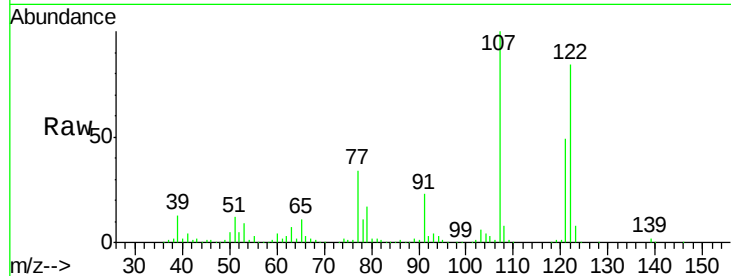
#27
 2,4-Dimethylphenol
 Concen: 45.00 ng
 RT: 7.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

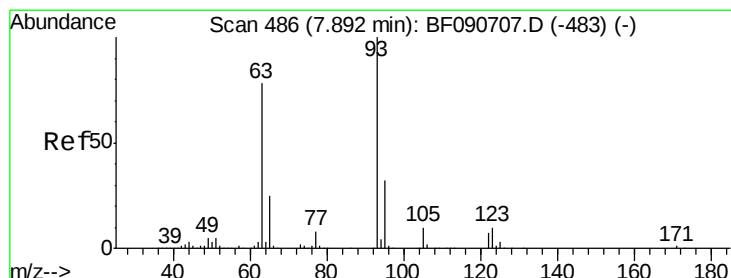
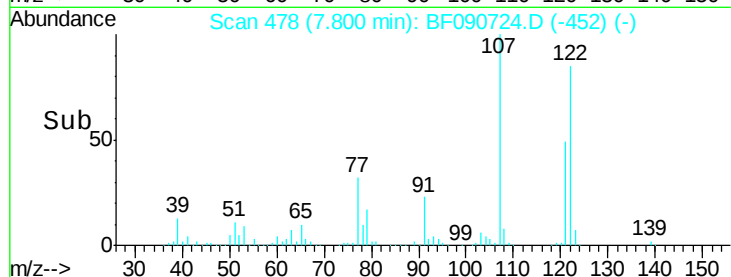
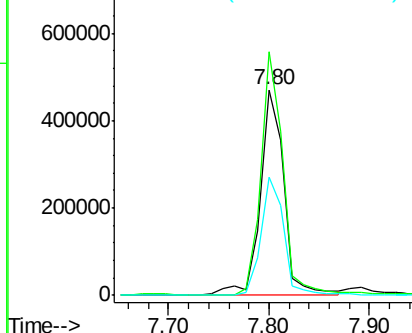
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	71.8	107.6#
121	57.8	42.3	63.5

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM

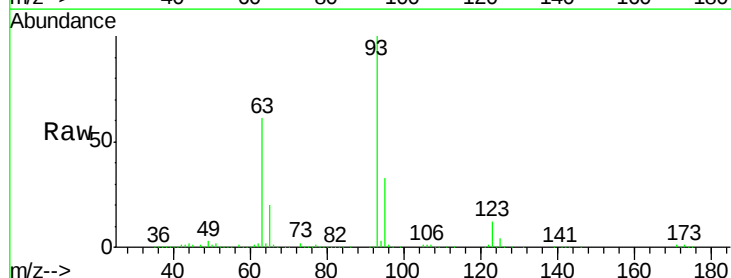


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

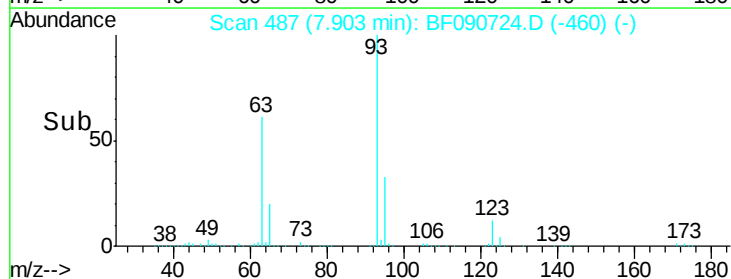
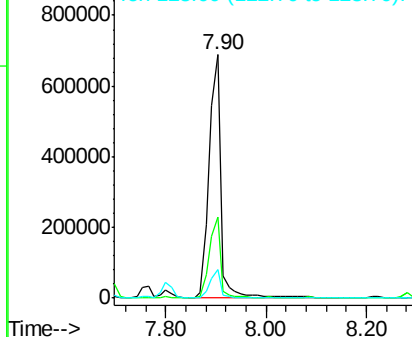


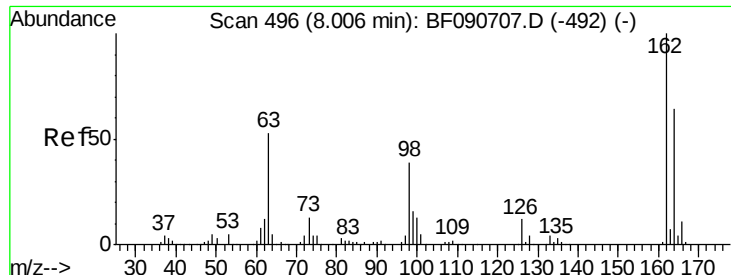
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.58 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.5	41.3
123	11.8	13.7	20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





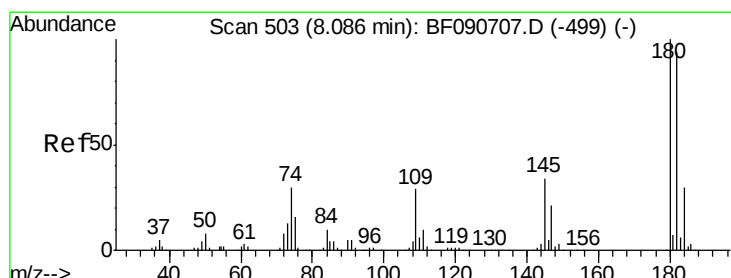
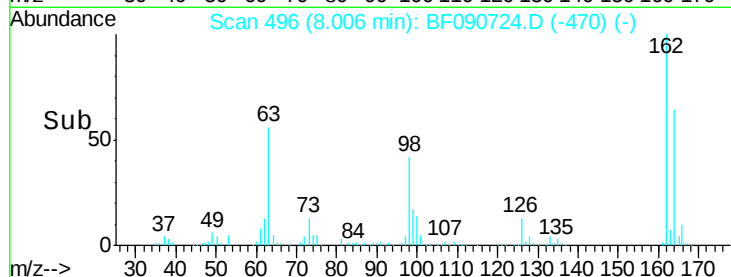
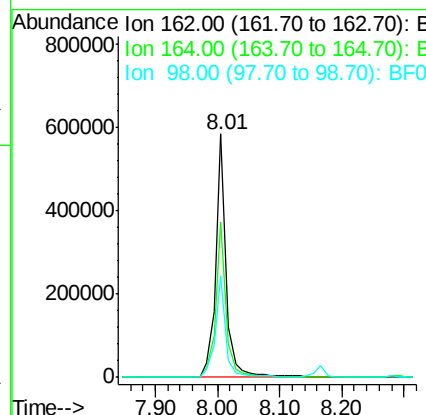
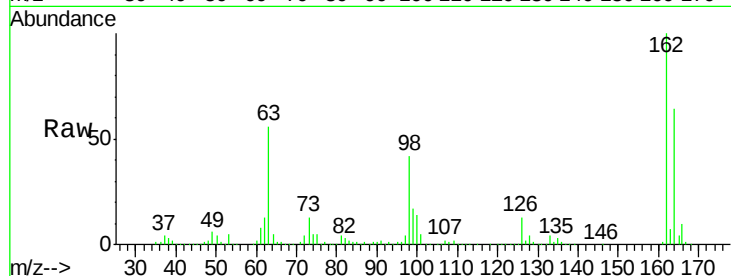
#29
2,4-Dichlorophenol
Concen: 48.70 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.9	84.9
98	41.9	13.0	53.0

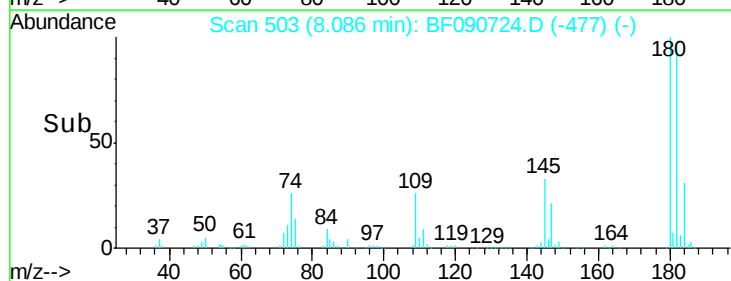
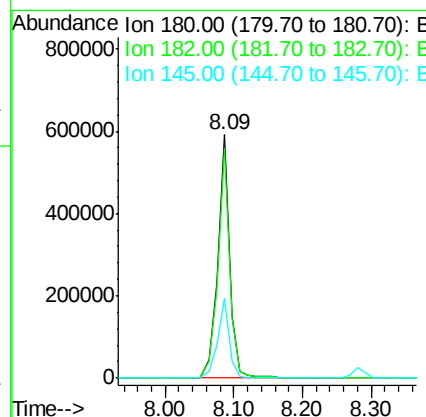
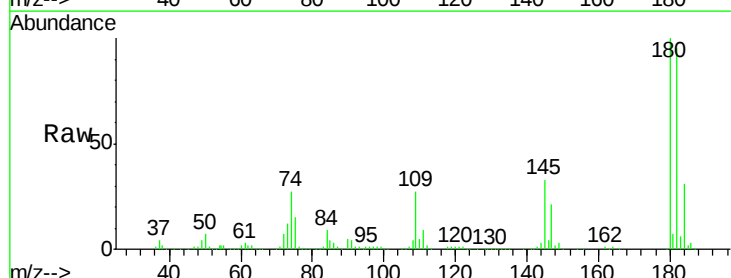
Manual Integrations
APPROVED

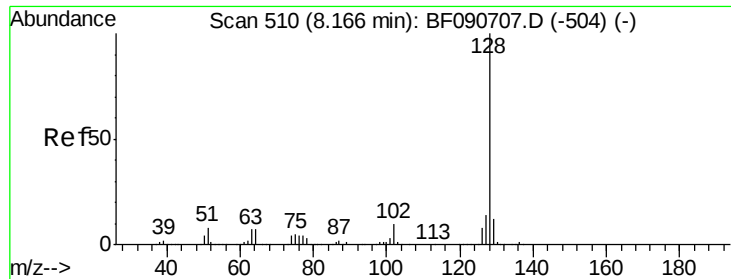
sohil
10/24/2016 3:52:11 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.16 ng
RT: 8.09 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	77.1	115.7
145	33.0	23.3	34.9





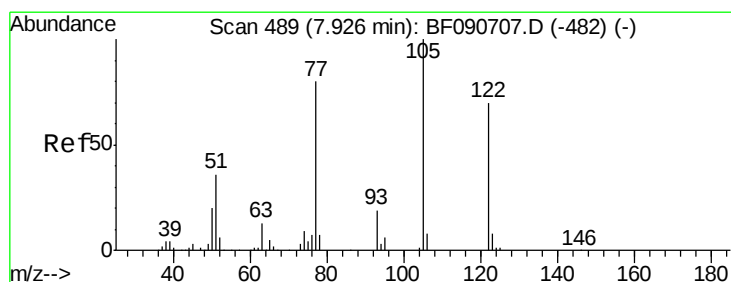
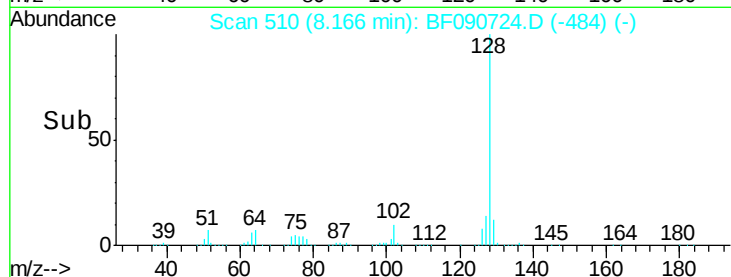
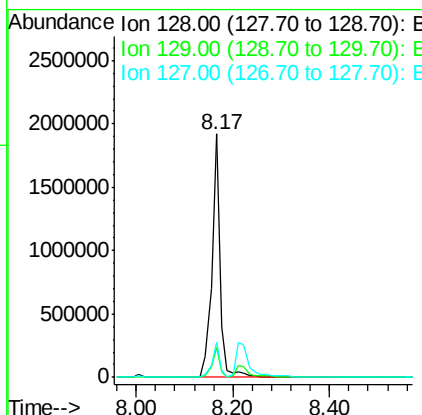
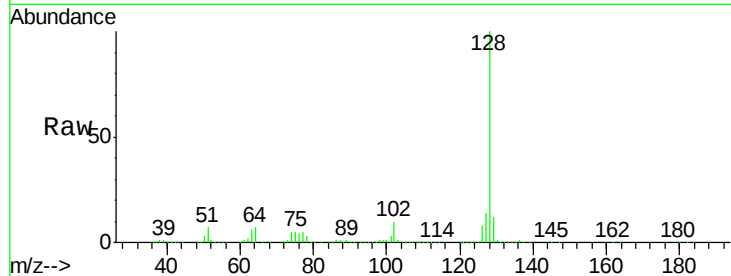
#31
Naphthalene
Concen: 40.33 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion:128 Resp: 2347372
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 14.1 9.9 14.9

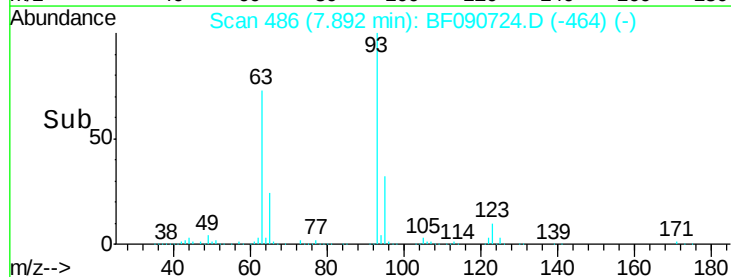
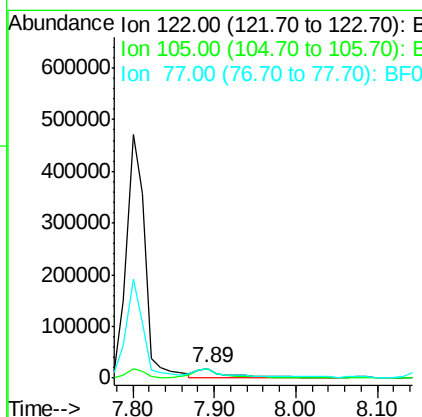
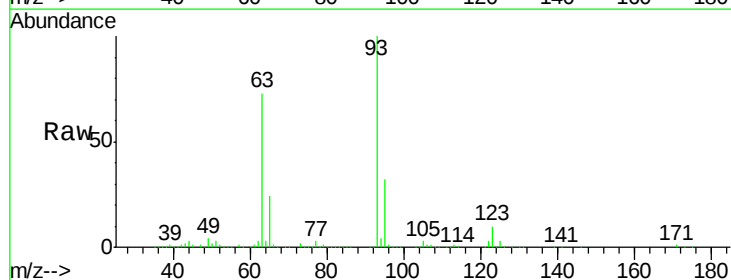
Manual Integrations
APPROVED

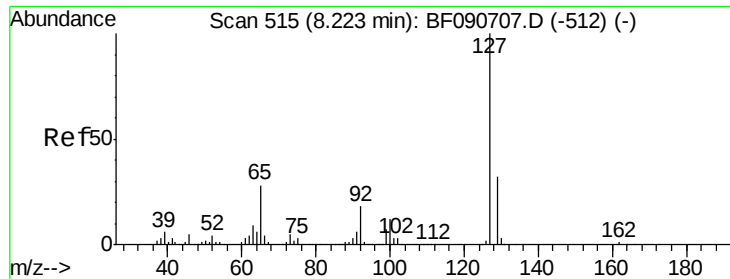
sohil
10/24/2016 3:52:11 PM



#32
Benzoic acid
Concen: 10.76 ng
RT: 7.89 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion:122 Resp: 45789
Ion Ratio Lower Upper
122 100
105 97.4 76.1 116.1
77 92.3 40.5 80.5#





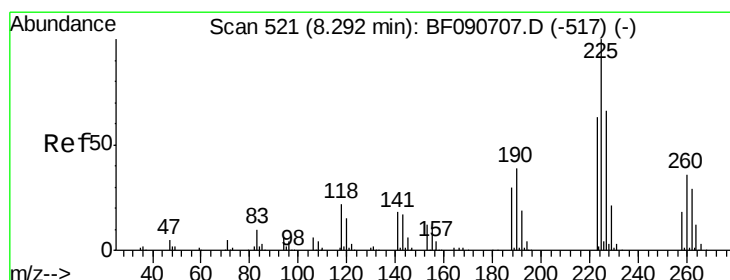
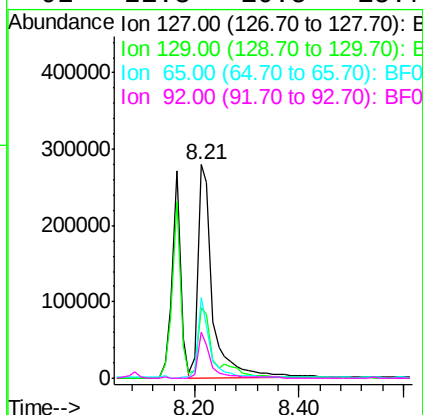
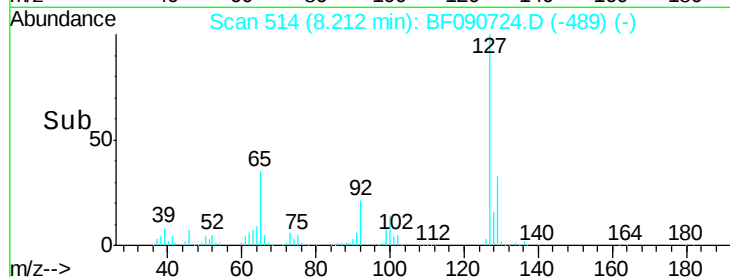
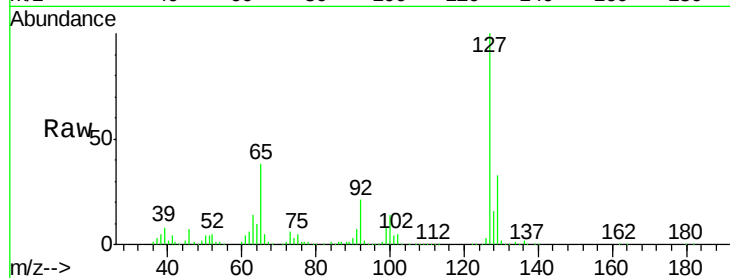
#33
4-Chloroaniline
Concen: 25.30 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.6
65	37.7	17.9	26.9
92	21.3	10.5	15.7

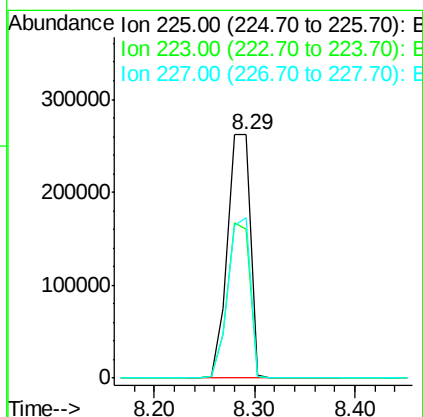
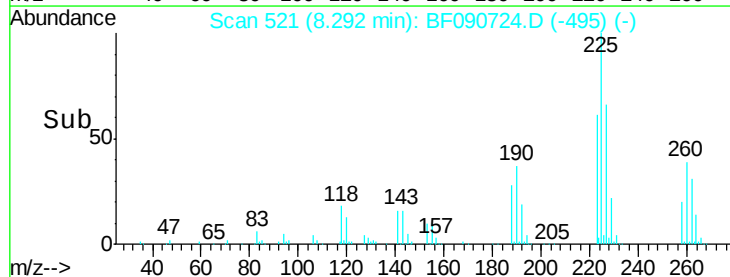
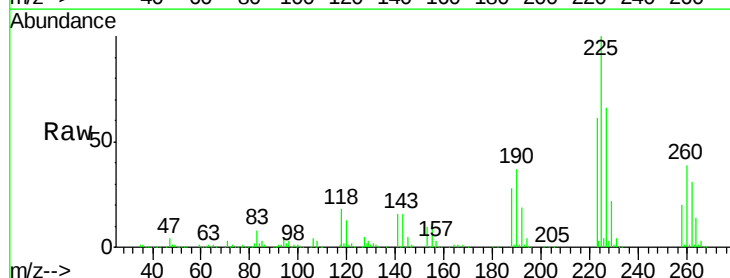
Manual Integrations
APPROVED

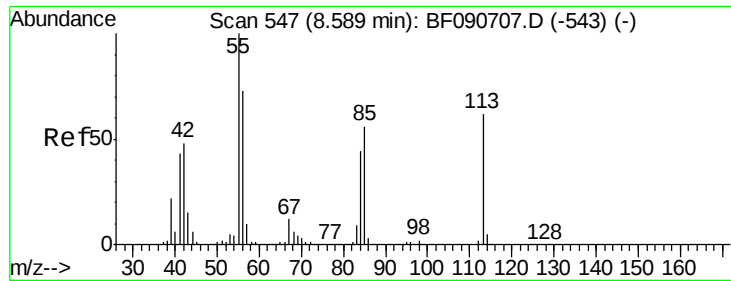
sohil
10/24/2016 3:52:11 PM



#34
Hexachlorobutadiene
Concen: 44.94 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.2
227	65.9	52.2	78.2





#35

Caprolactam

Concen: 54.15 ng/ml

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

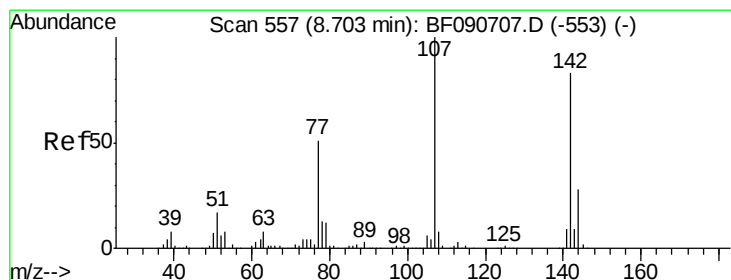
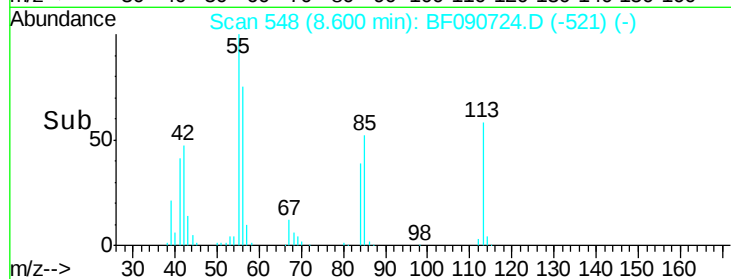
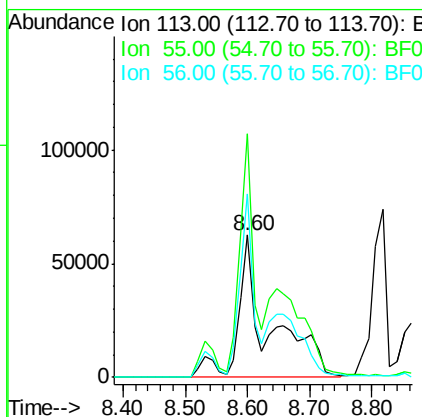
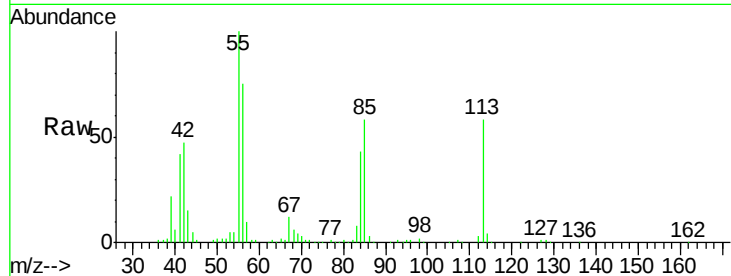
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.0	152.4	192.4
56	128.6	104.6	144.6

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#36

4-Chloro-3-methylphenol

Concen: 42.40 ng/ml

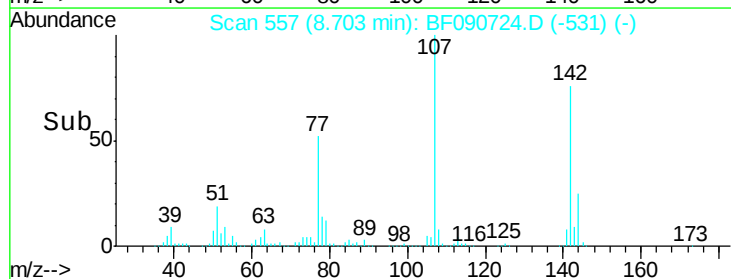
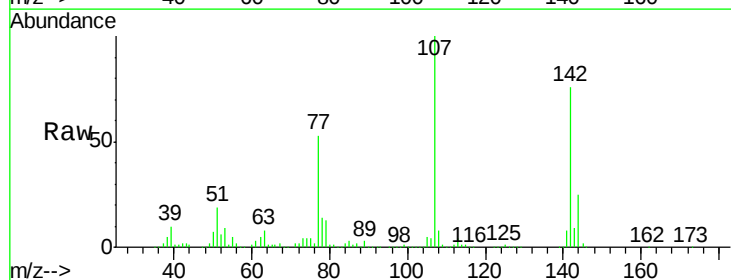
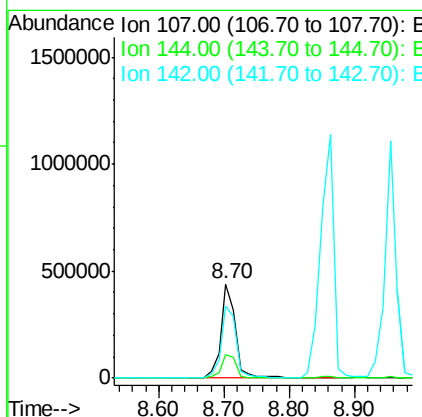
RT: 8.70 min Scan# 557

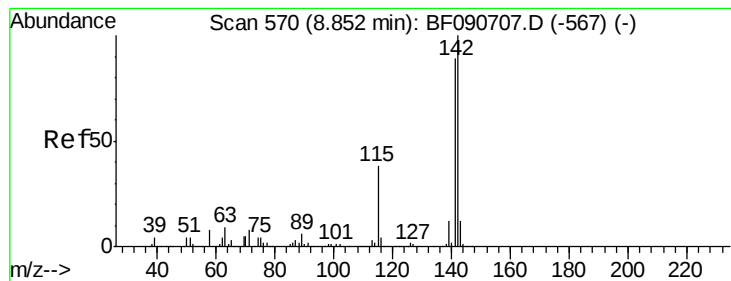
Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	25.4	38.0#
142	76.1	77.3	115.9#





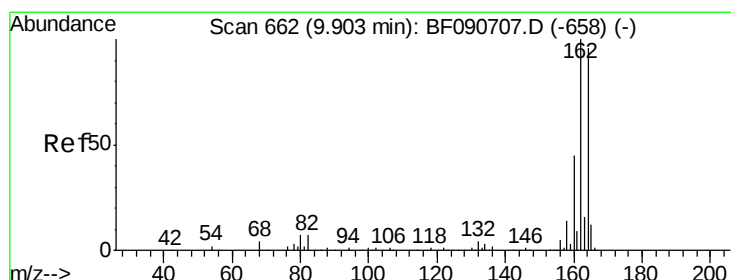
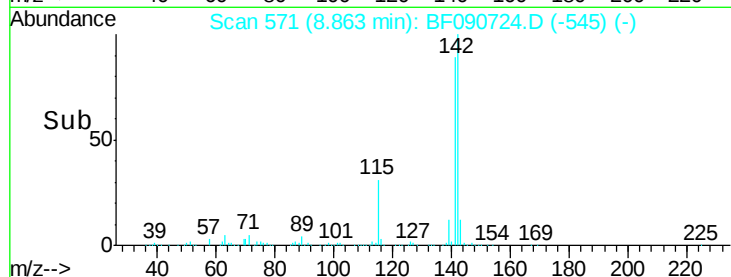
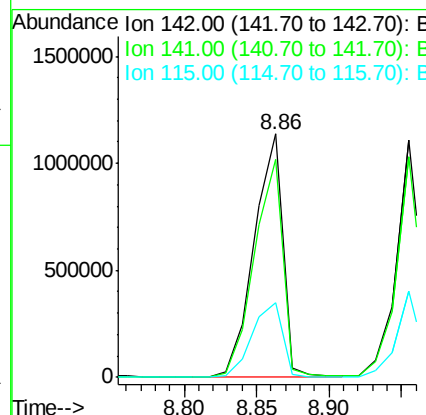
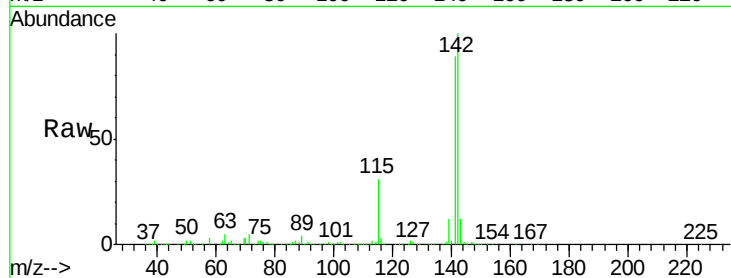
#37
2-Methylnaphthalene
Concen: 45.95 ng
RT: 8.86 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion:142 Resp: 1563201
Ion Ratio Lower Upper
142 100
141 89.4 67.5 101.3
115 30.8 18.2 27.2#

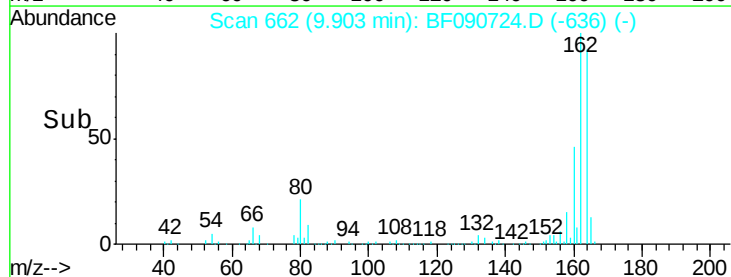
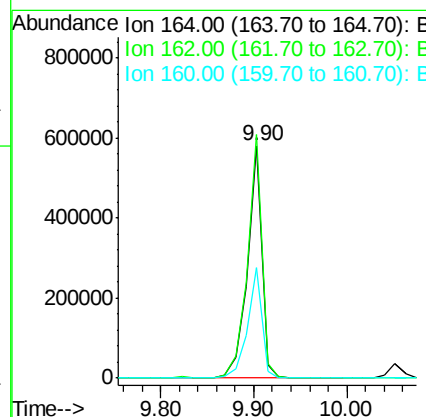
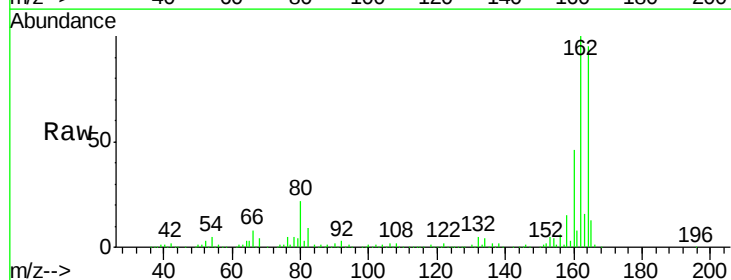
Manual Integrations
APPROVED

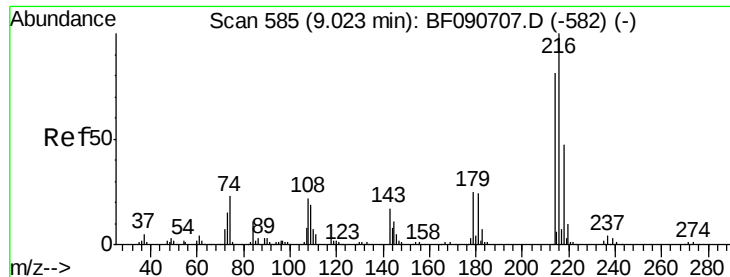
sohil
10/24/2016 3:52:11 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion:164 Resp: 628786
Ion Ratio Lower Upper
164 100
162 104.7 75.2 112.8
160 47.7 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.19 ng

RT: 9.02 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

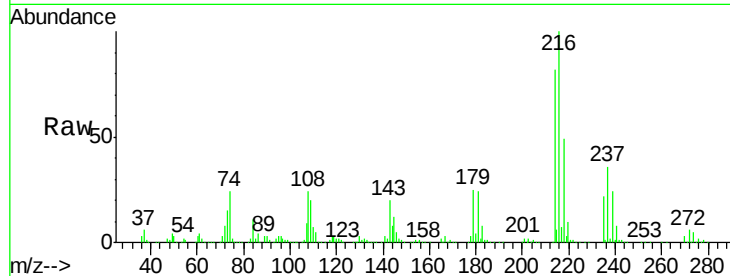
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		665374		
214	79.7		63.5	95.3	
179	22.9		16.6	24.8	
108	22.9		16.3	24.5	

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM

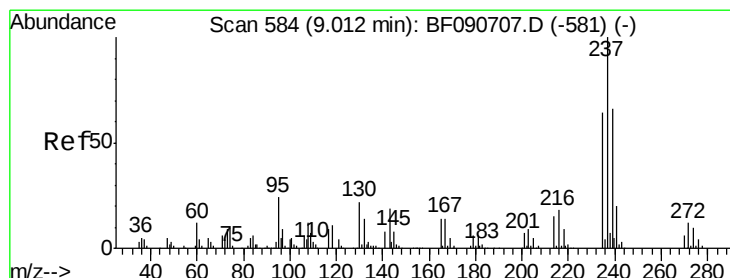
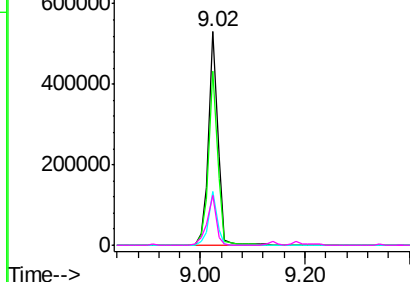
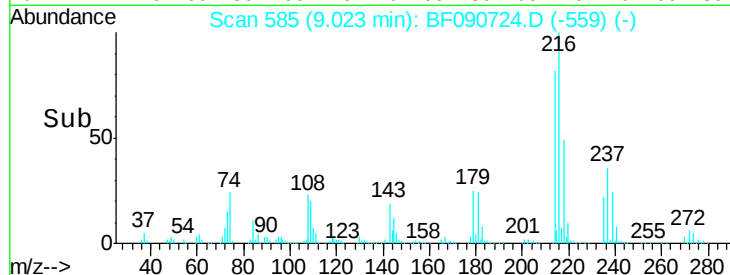


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.09 ng

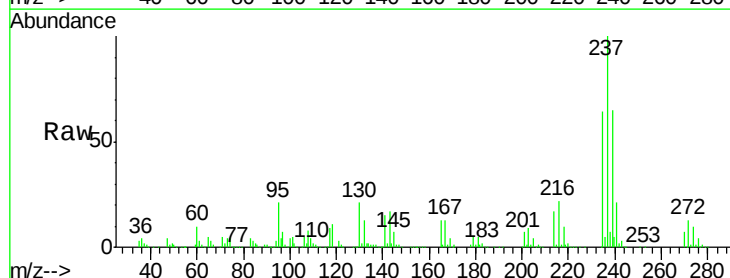
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

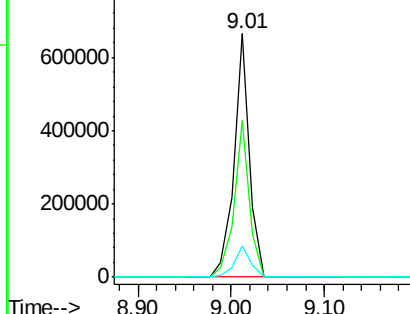
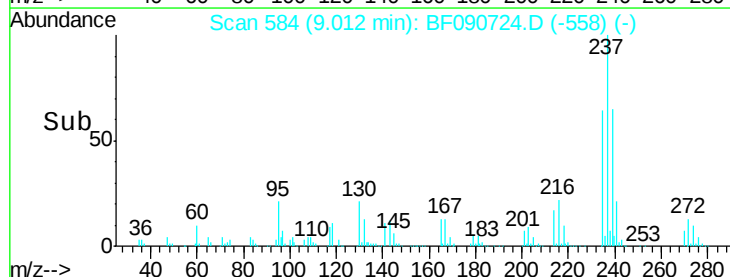
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		765931		
235	64.5		42.0	82.0	
272	13.0		0.0	36.1	

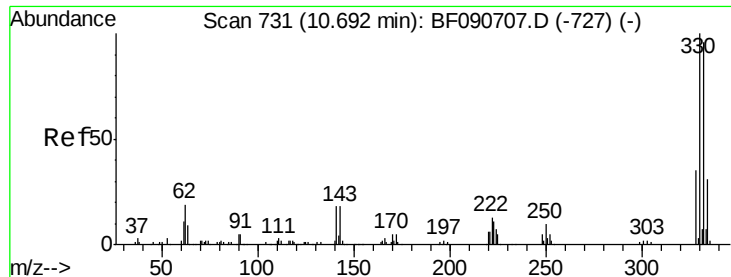


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





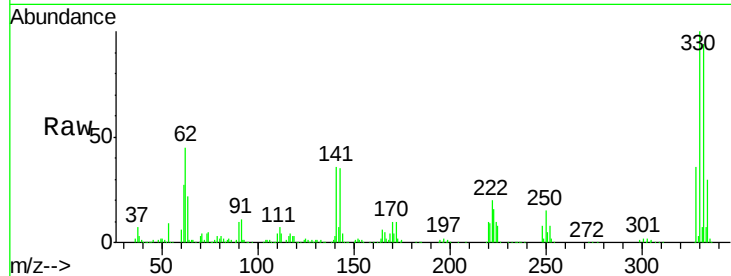
#41
 2,4,6-Tribromophenol
 Concen: 140.62 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

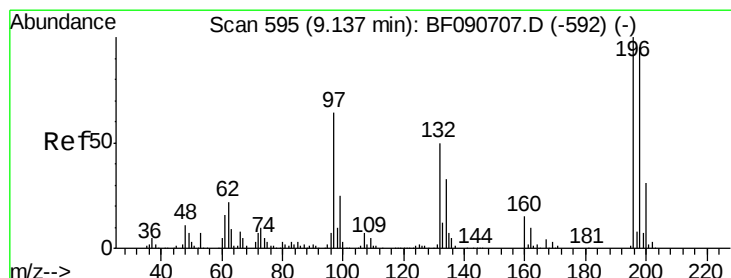
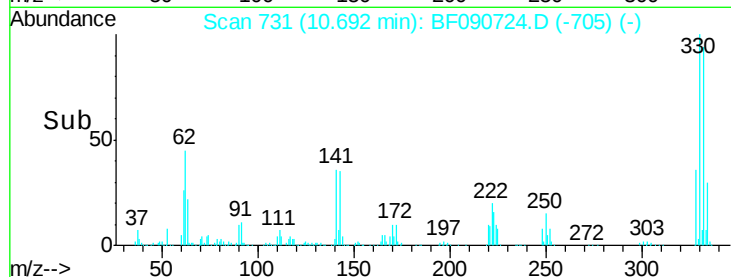
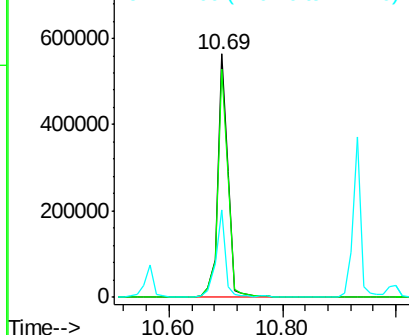
Tot Ion	Ratio	Resp	Lower	Upper
330	100	699839		
332	95.1		76.6	114.8
141	32.7		29.7	44.5

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM



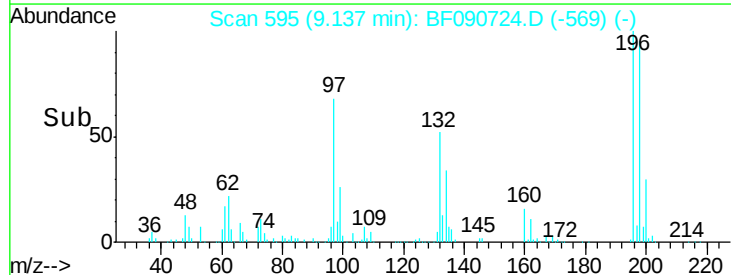
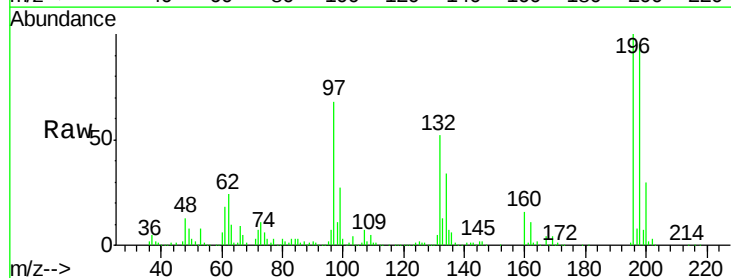
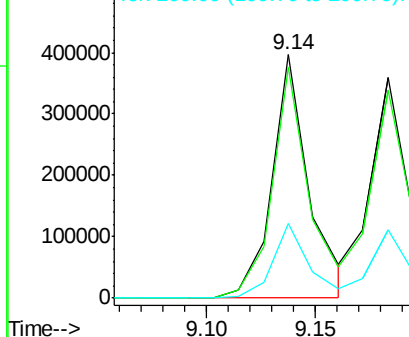
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

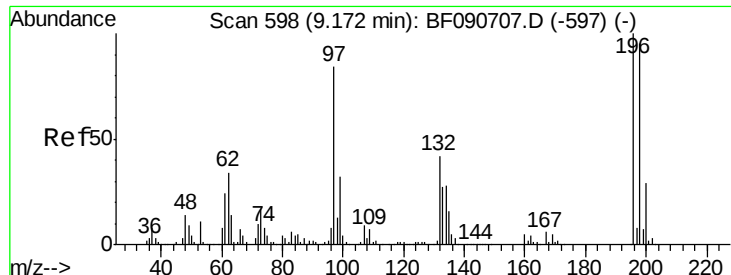


#42
 2,4,6-Trichlorophenol
 Concen: 44.75 ng
 RT: 9.14 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471143		
198	94.7		75.7	113.5
200	30.5		23.9	35.9

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





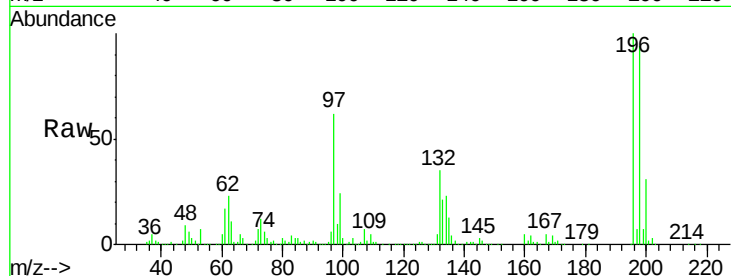
#43
 2,4,5-Trichlorophenol
 Concen: 41.90 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	447662		
198	94.1	75.4	113.0	
97	62.1	33.3	49.9	
132	34.8	24.6	37.0	

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM



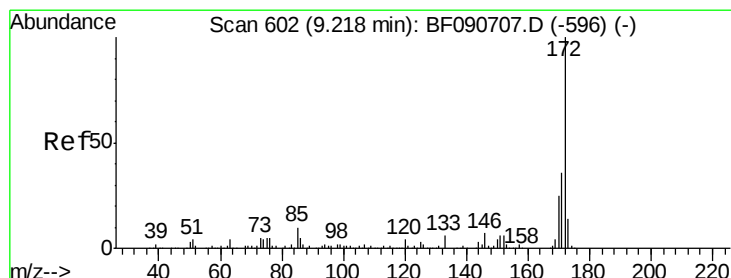
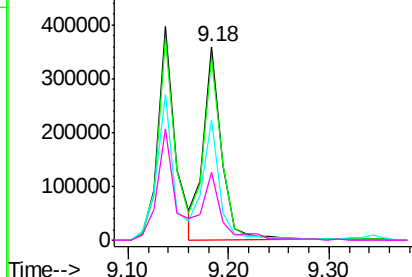
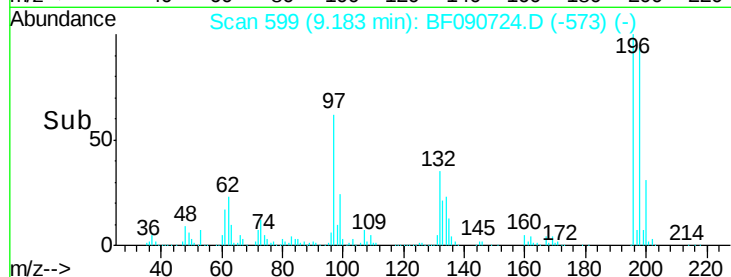
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

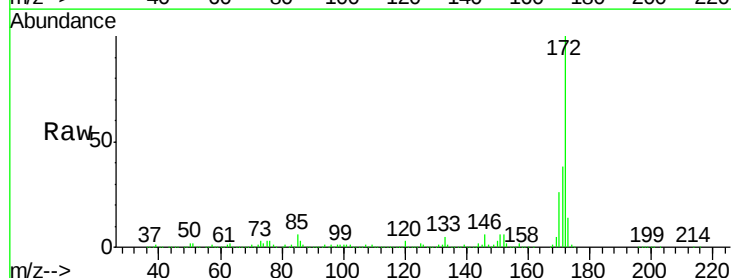
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.51 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3301529		
171	37.6	26.1	39.1	
170	26.0	17.4	26.2	

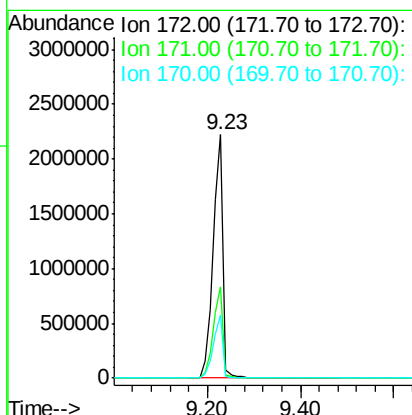
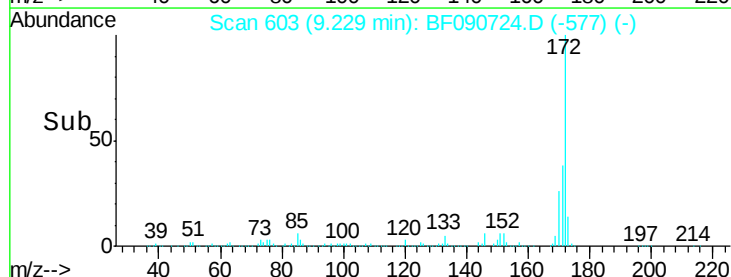


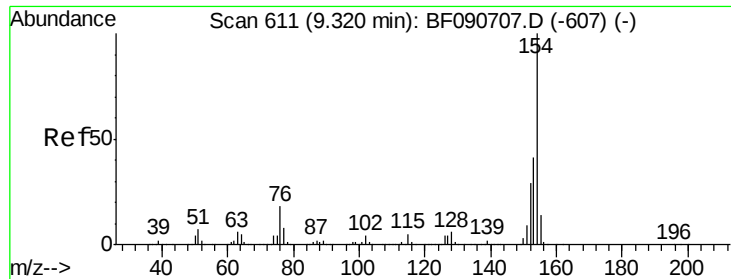
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.85 ng

RT: 9.32 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:154 Resp: 1770032

Ion Ratio Lower Upper

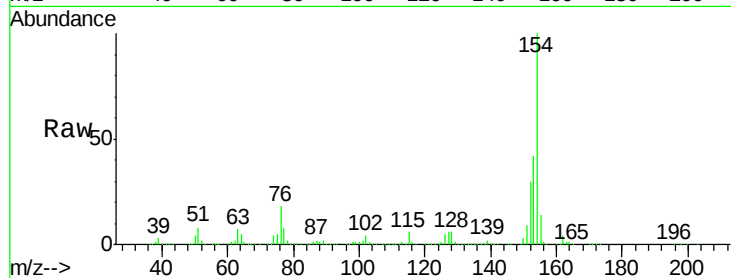
154 100

153 42.0 17.1 57.1

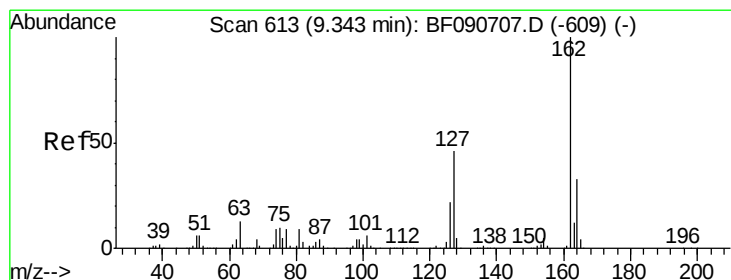
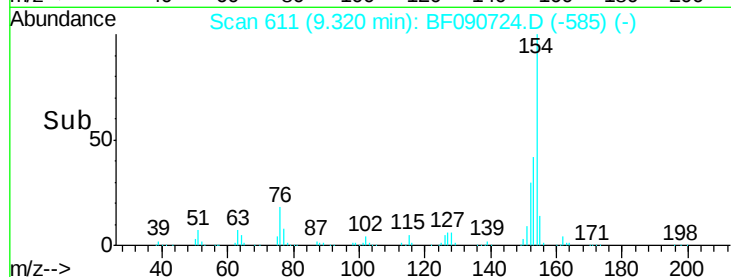
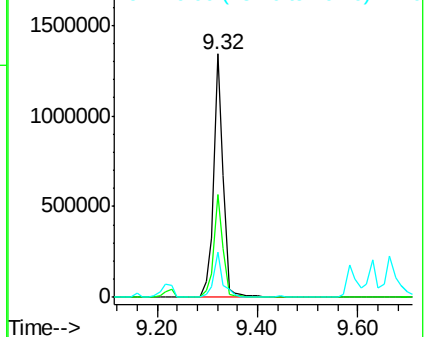
76 18.3 0.0 31.6

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



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



#46

2-Chloronaphthalene

Concen: 39.97 ng

RT: 9.34 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

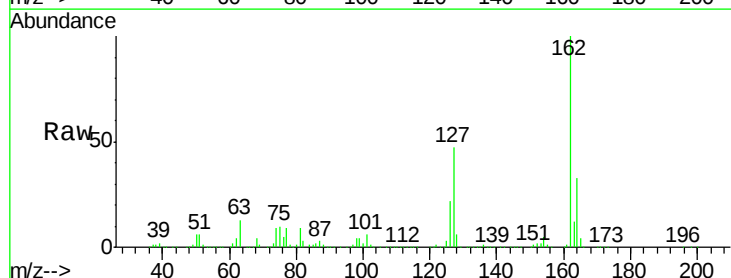
Tgt Ion:162 Resp: 1467173

Ion Ratio Lower Upper

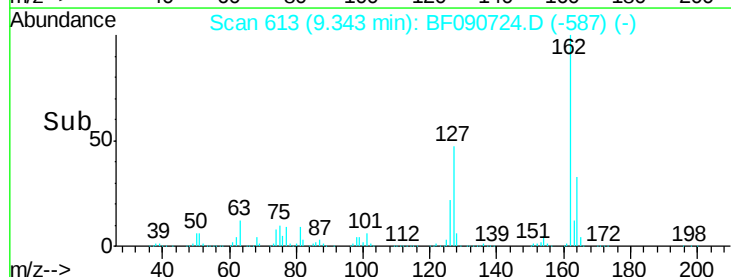
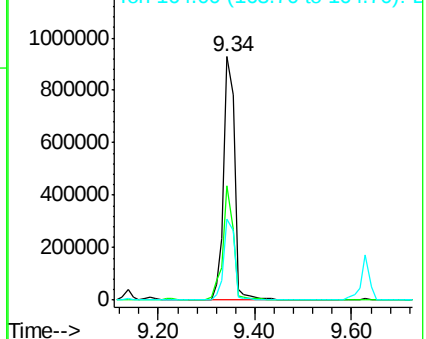
162 100

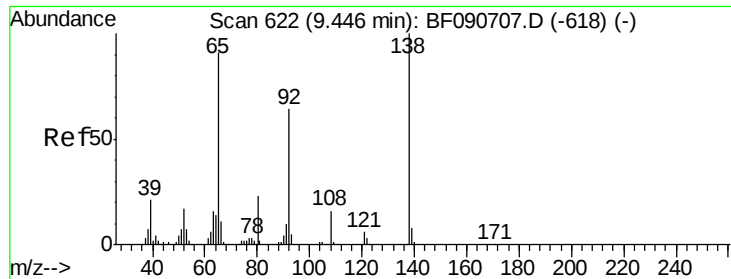
127 46.9 27.6 41.4#

164 33.2 25.4 38.2



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





#47

2-Nitroaniline

Concen: 42.30 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

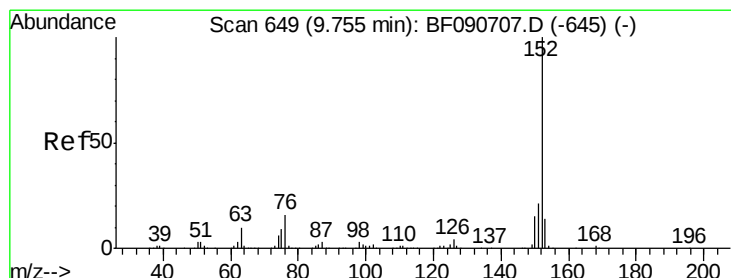
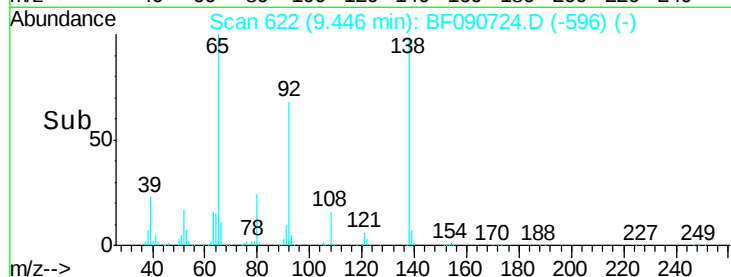
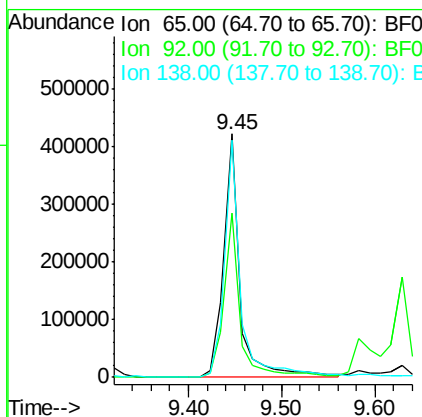
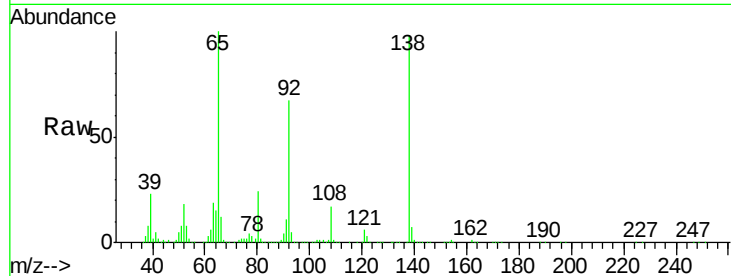
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	97.6	115.5	173.3

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#48

Acenaphthylene

Concen: 41.08 ng

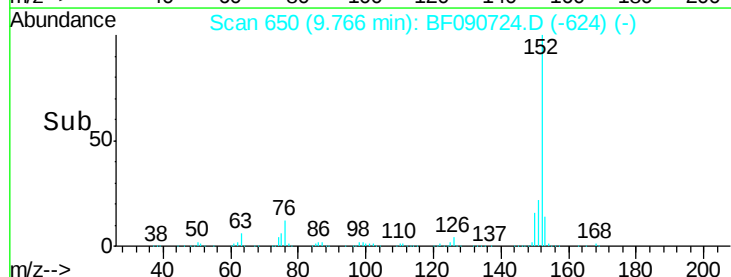
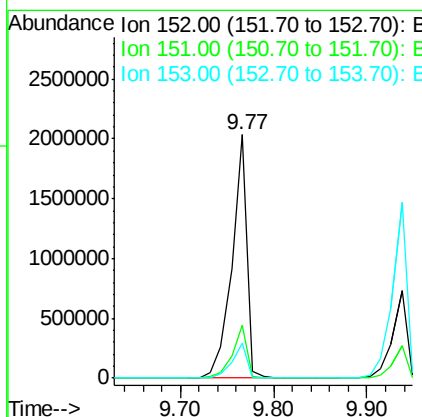
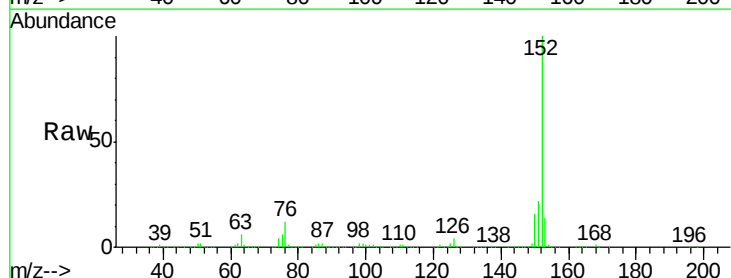
RT: 9.77 min Scan# 650

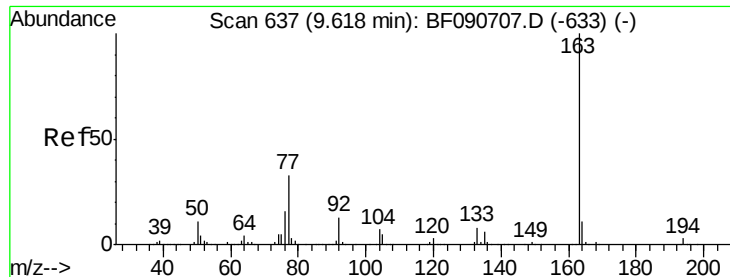
Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	14.6	22.0
153	14.2	10.3	15.5





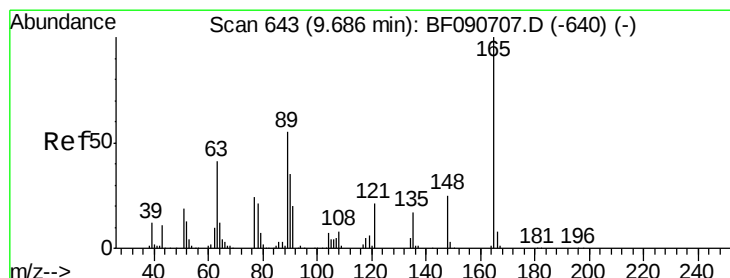
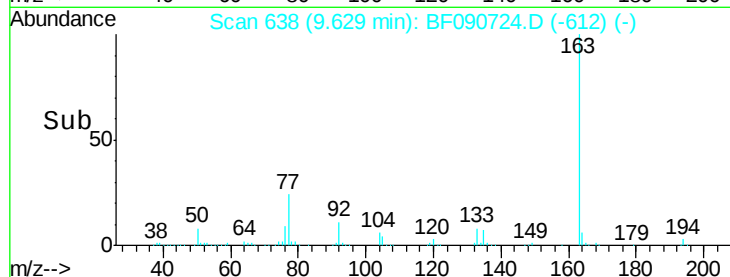
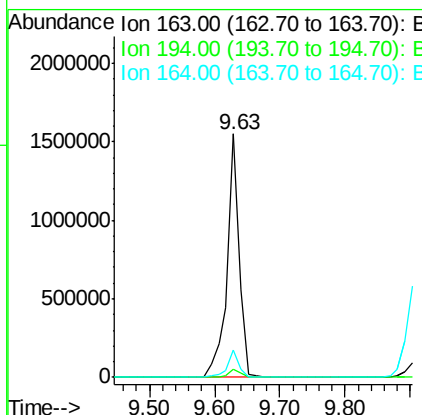
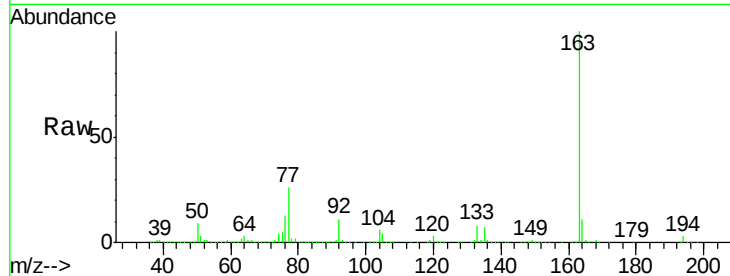
#49
Dimethylphthalate
Concen: 50.26 ng
RT: 9.63 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion:163 Resp: 1985924
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 11.1 8.3 12.5

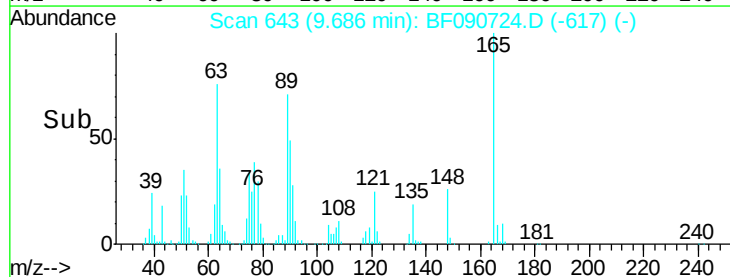
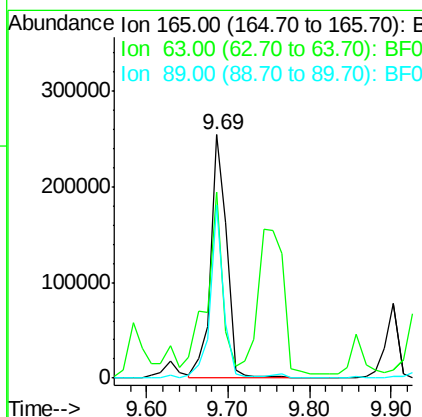
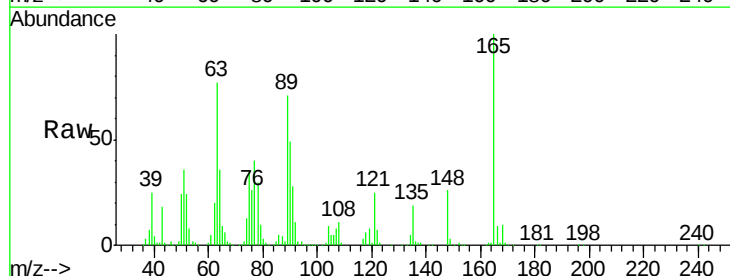
Manual Integrations
APPROVED

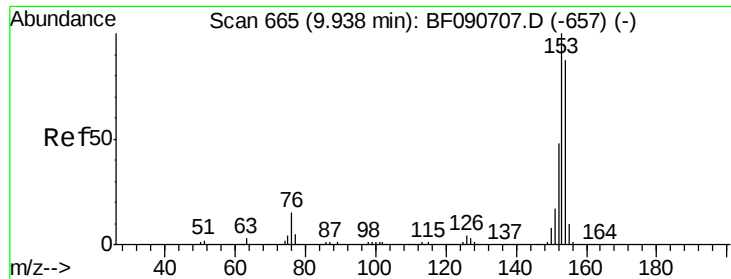
sohil
10/24/2016 3:52:11 PM



#50
2,6-Dinitrotoluene
Concen: 41.12 ng
RT: 9.69 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion:165 Resp: 349379
Ion Ratio Lower Upper
165 100
63 76.6 32.3 48.5#
89 71.4 28.6 43.0#





#51

Acenaphthene

Concen: 41.86 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:154 Resp: 1556352

Ion Ratio Lower Upper

154 100

153 113.6 82.1 123.1

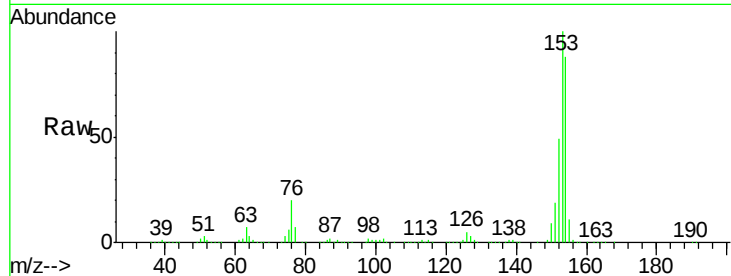
152 56.0 37.9 56.9

Manual Integrations

APPROVED

sohil

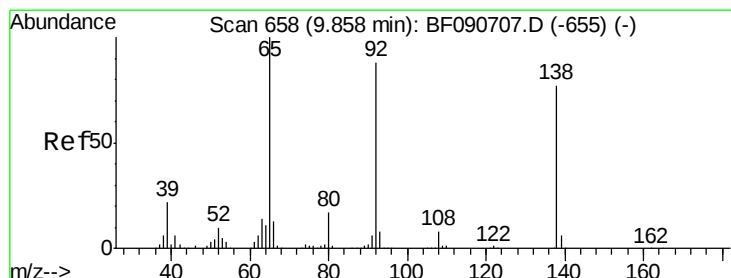
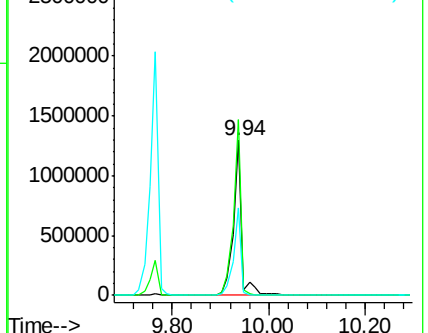
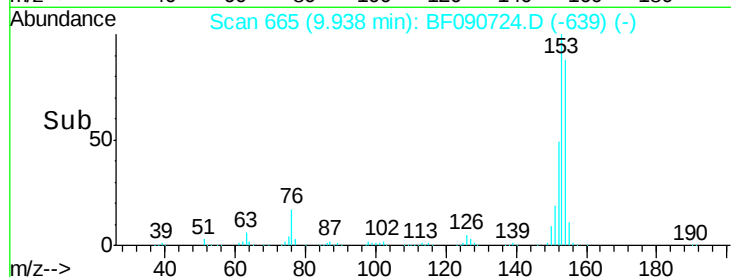
10/24/2016 3:52:11 PM



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: 28.47 ng

RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

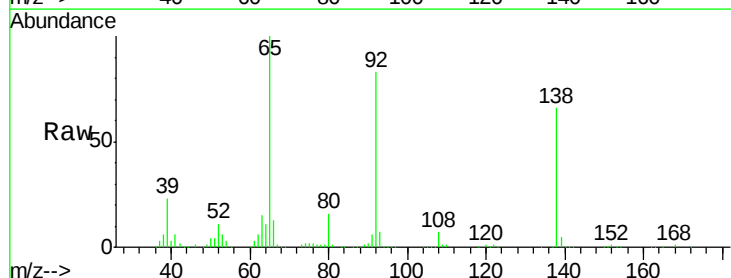
Tgt Ion:138 Resp: 278022

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

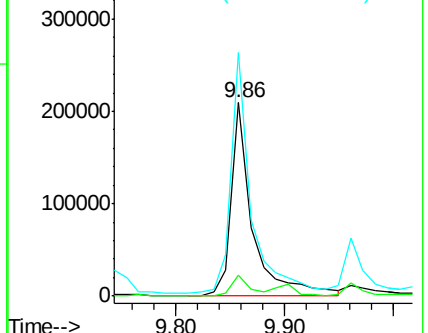
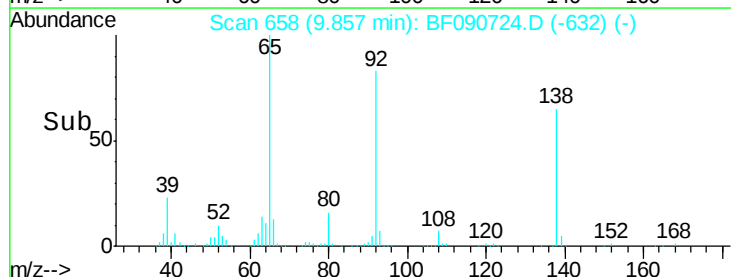
92 126.1 67.7 101.5#

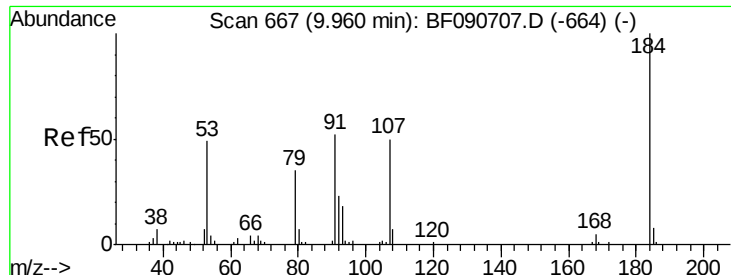


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





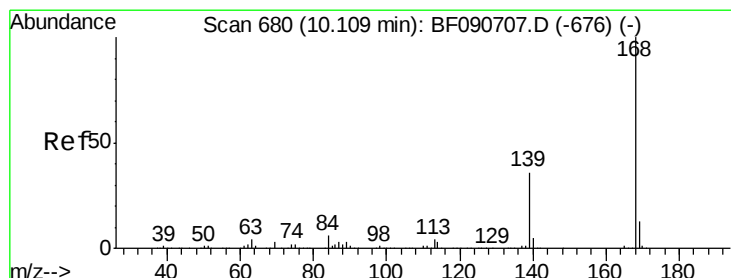
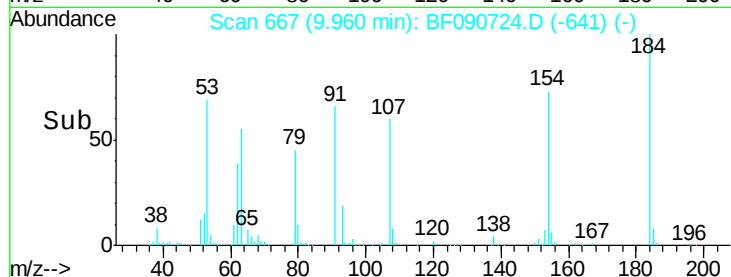
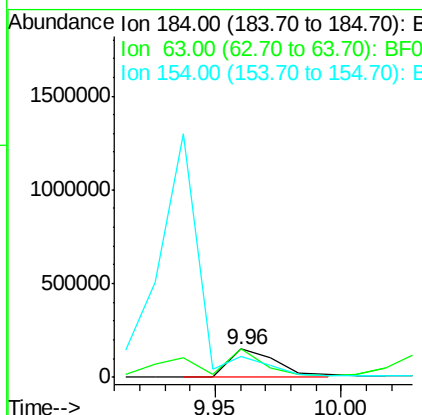
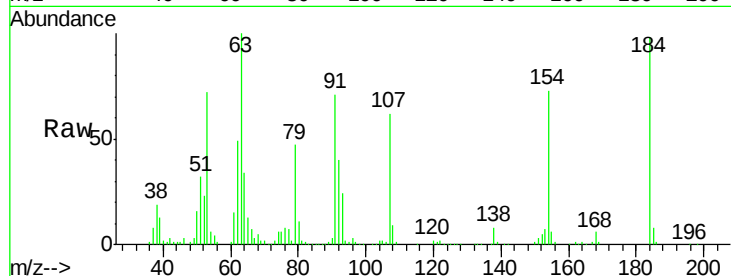
#53
2,4-Dinitrophenol
Concen: 51.66 ng/ml
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205197		
63	101.9	35.4	53.2	#
154	74.3	32.2	48.4	#

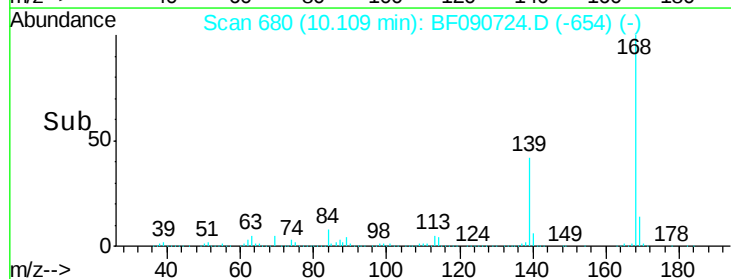
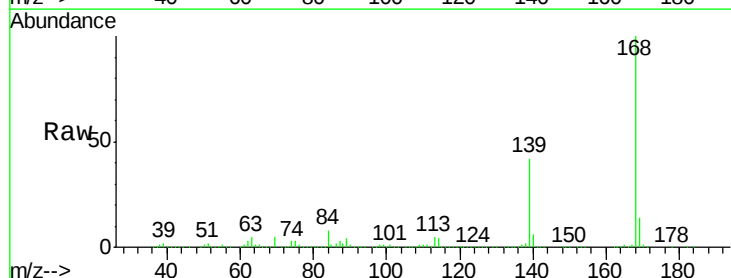
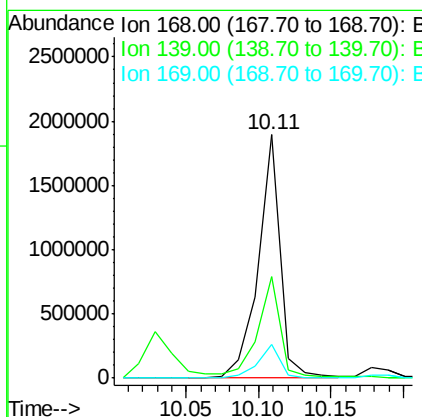
Manual Integrations
APPROVED

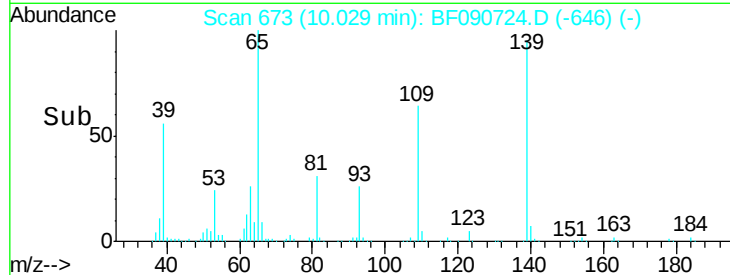
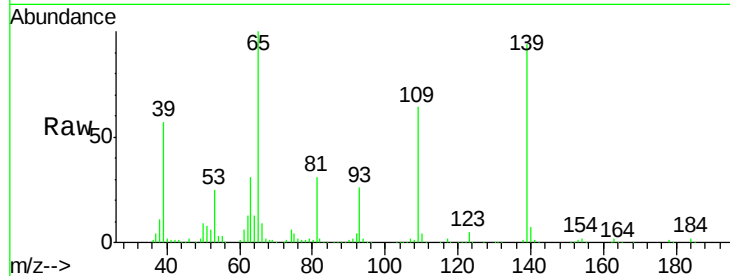
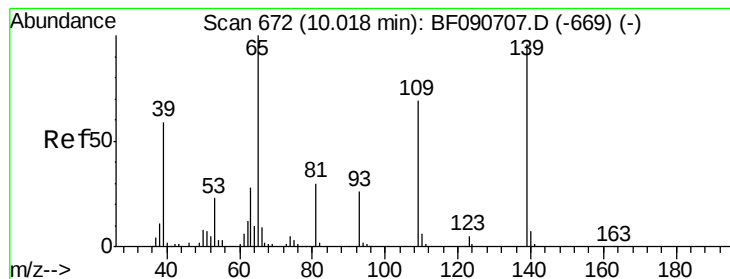
sohil
10/24/2016 3:52:11 PM



#54
Dibenzofuran
Concen: 44.30 ng
RT: 10.11 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1995152		
139	41.8	24.2	36.2	#
169	14.1	10.6	15.8	





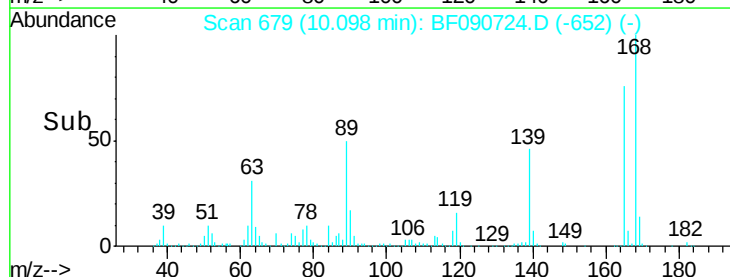
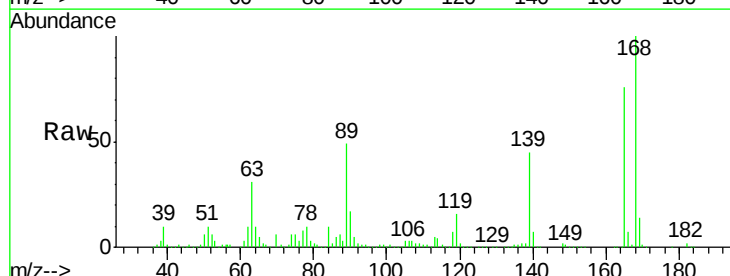
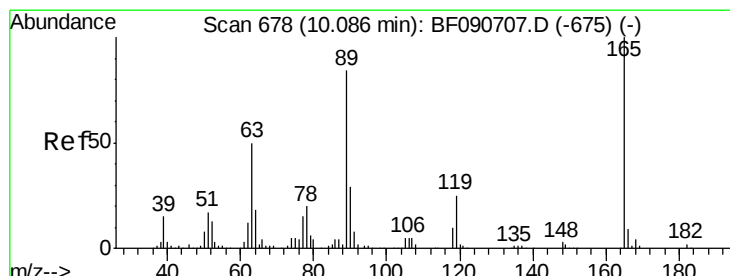
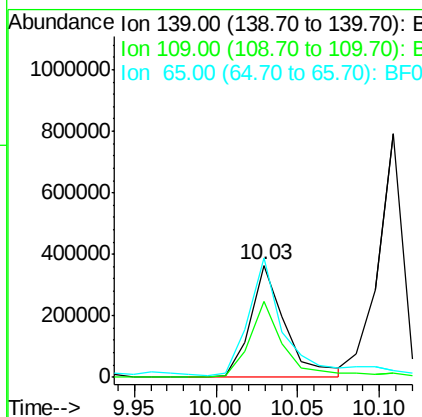
#55
4-Nitrophenol
Concen: 89.55 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.8	12.7	52.7#	
65	106.5	45.9	85.9#	

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

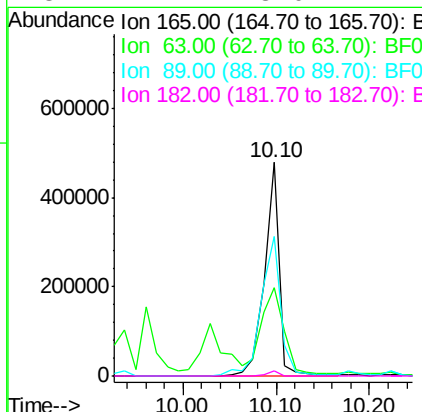
Manual Integrations
APPROVED

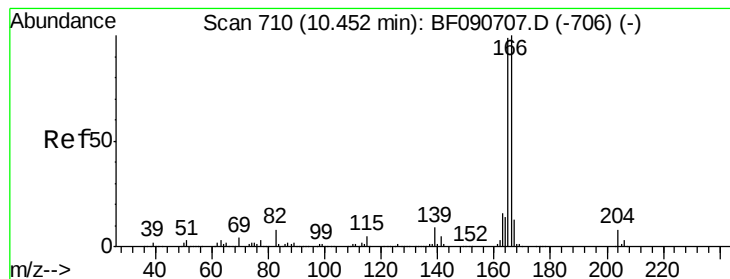
sohil
10/24/2016 3:52:11 PM



#56
2,4-Dinitrotoluene
Concen: 51.53 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.4	29.8	44.6	
89	65.1	44.5	66.7	
182	2.1	3.0	4.4#	





#57

Fluorene

Concen: 42.86 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:166 Resp: 1599683

Ion Ratio Lower Upper

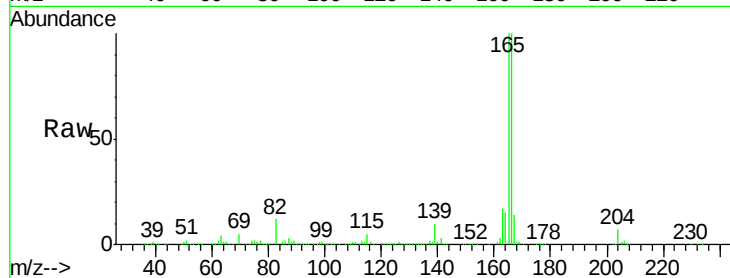
166 100

165 100.0 72.6 109.0

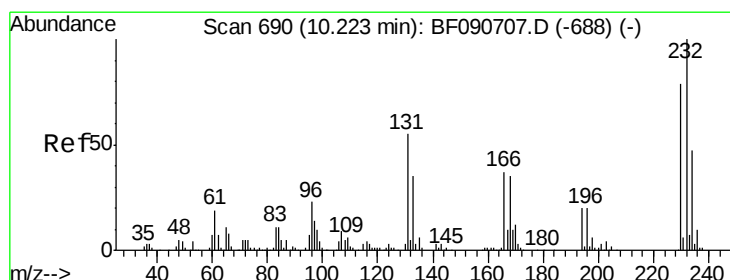
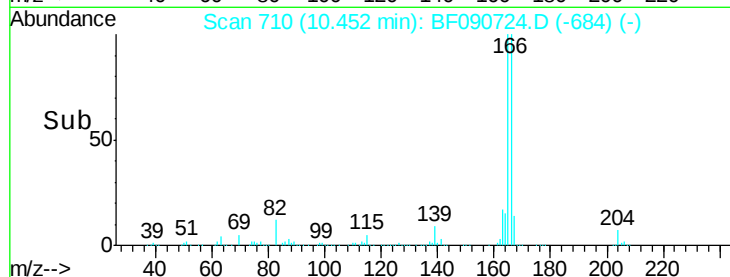
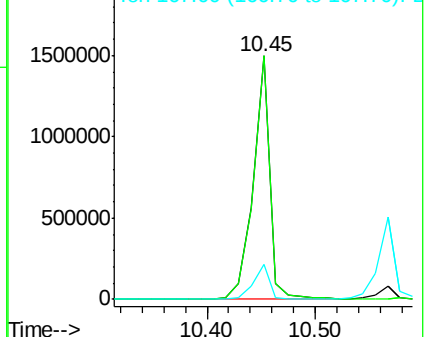
167 14.2 10.6 16.0

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.86 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion:232 Resp: 384557

Ion Ratio Lower Upper

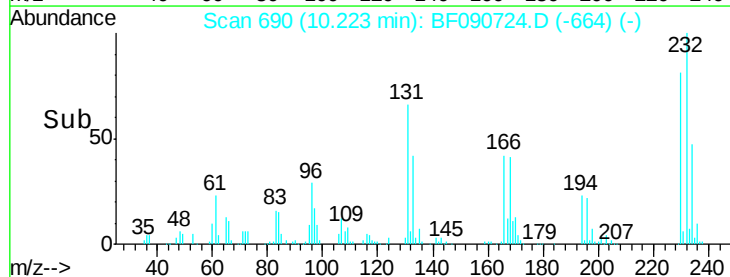
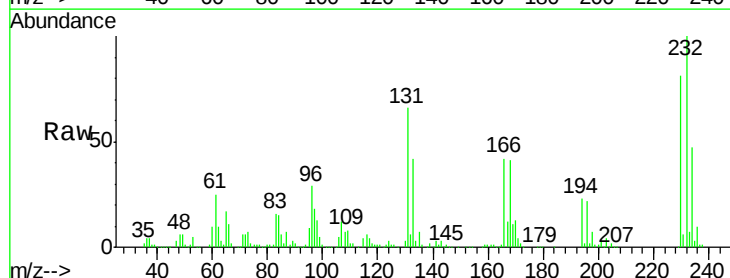
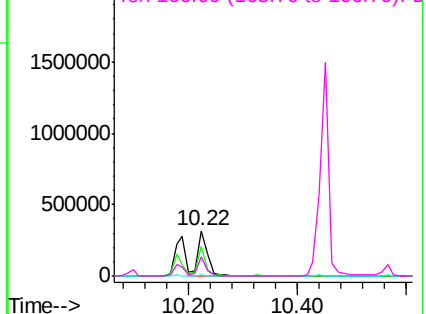
232 100

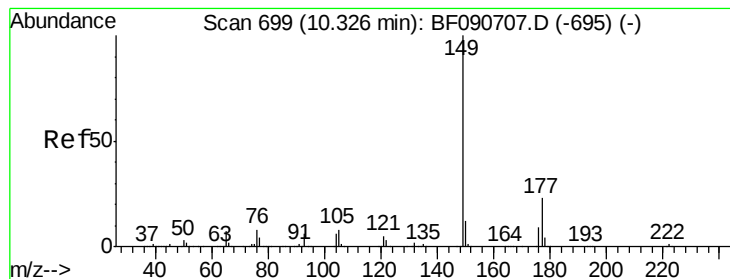
131 54.0 38.5 57.7

130 2.6 1.8 2.6

166 33.8 25.0 37.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.81 ng

RT: 10.33 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:149 Resp: 1590581

Ion Ratio Lower Upper

149 100

177 20.6 17.5 26.3

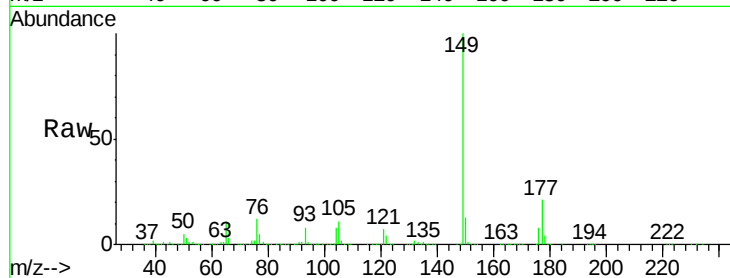
150 13.4 9.4 14.2

Manual Integrations

APPROVED

sohil

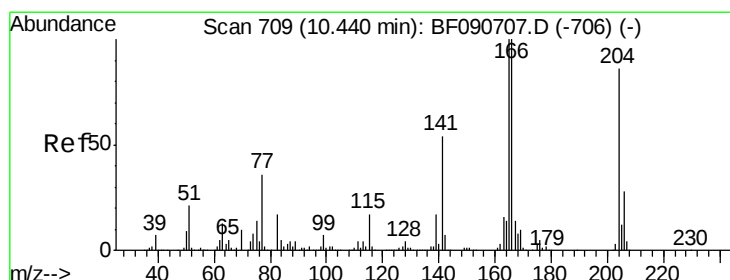
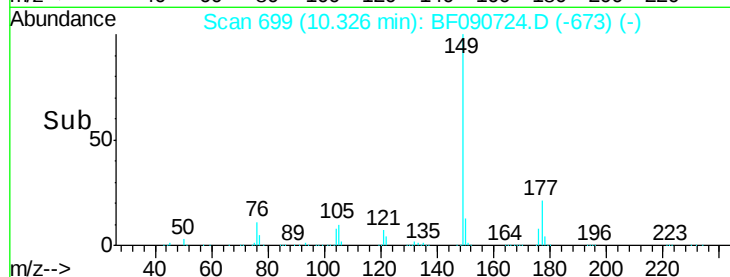
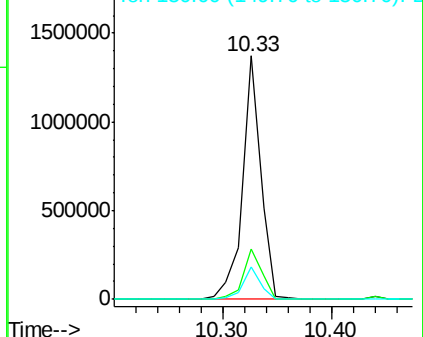
10/24/2016 3:52:11 PM



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: 42.23 ng

RT: 10.44 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

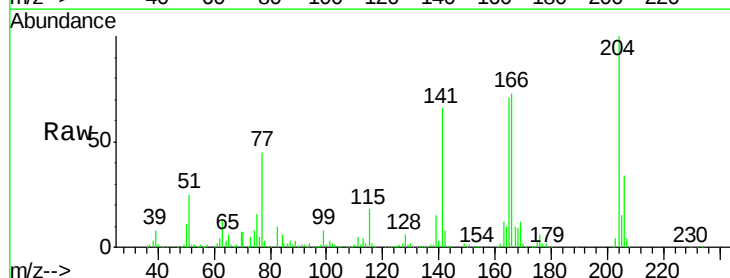
Tgt Ion:204 Resp: 720263

Ion Ratio Lower Upper

204 100

206 34.0 24.8 37.2

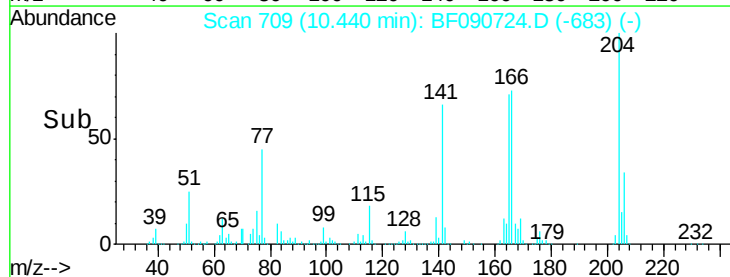
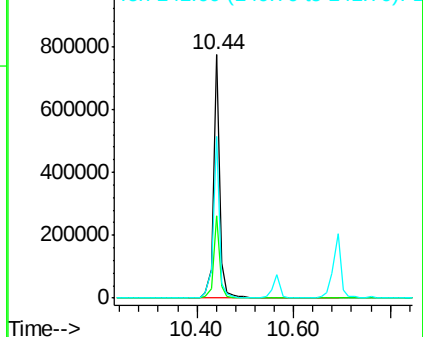
141 66.4 42.2 63.4#

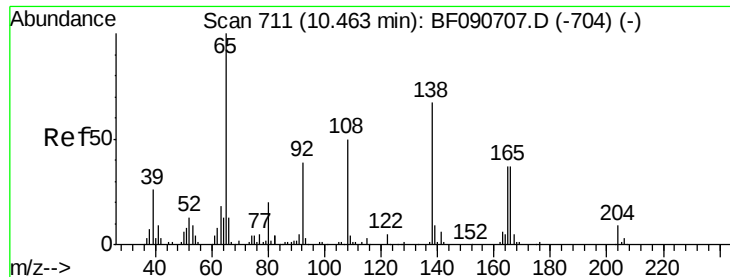


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





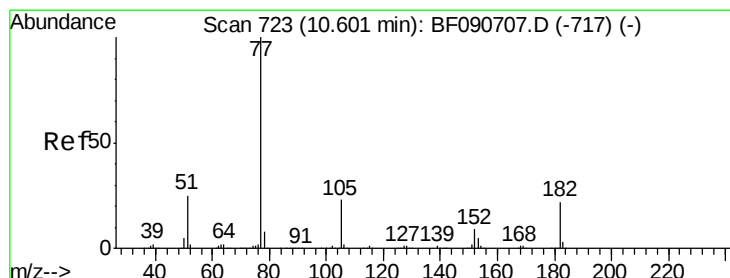
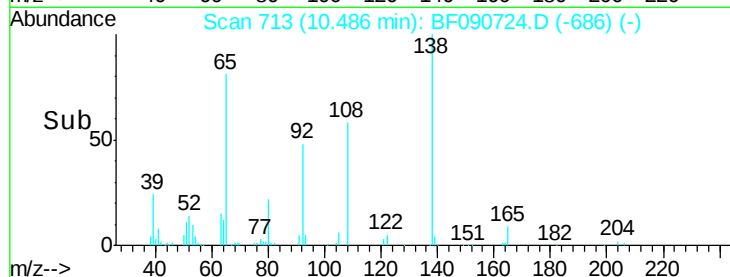
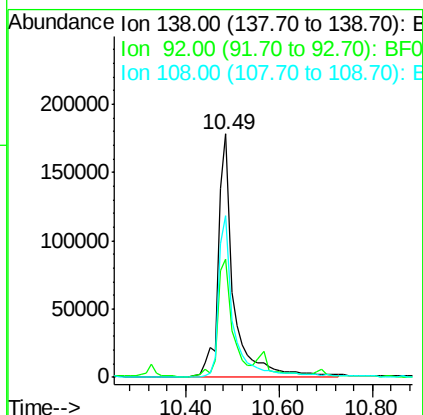
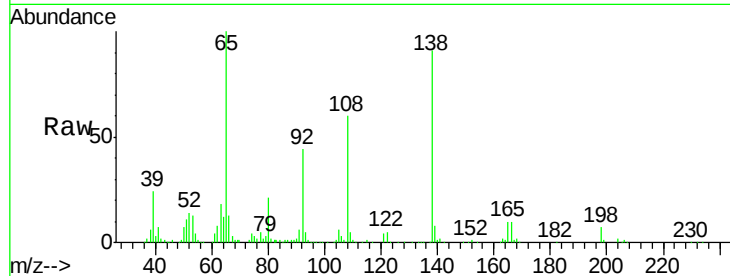
#61
4-Nitroaniline
Concen: 40.60 ng
RT: 10.49 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	401623		
92	48.6		12.6	52.6
108	66.2		12.4	52.4

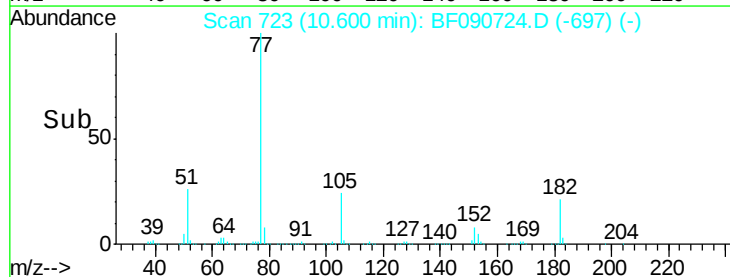
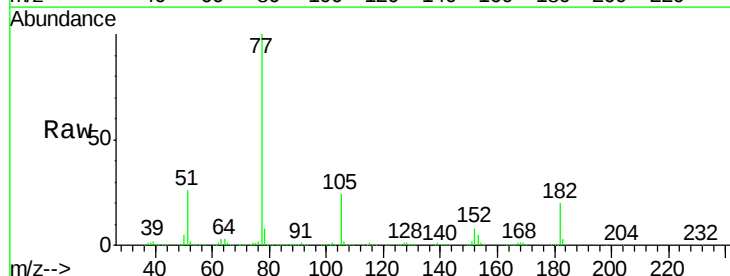
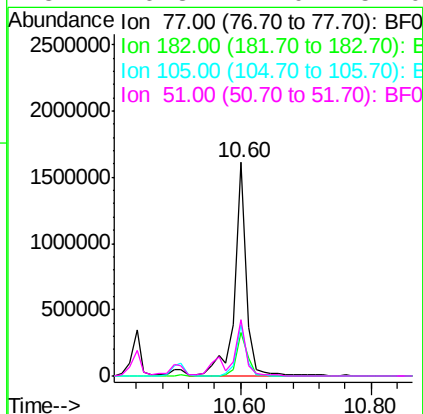
Manual Integrations
APPROVED

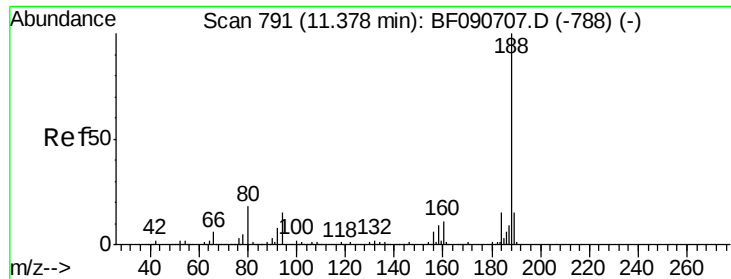
sohil
10/24/2016 3:52:11 PM



#62
Azobenzene
Concen: 40.17 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1927681		
182	20.5		15.1	55.1
105	24.1		3.4	43.4
51	26.3		12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

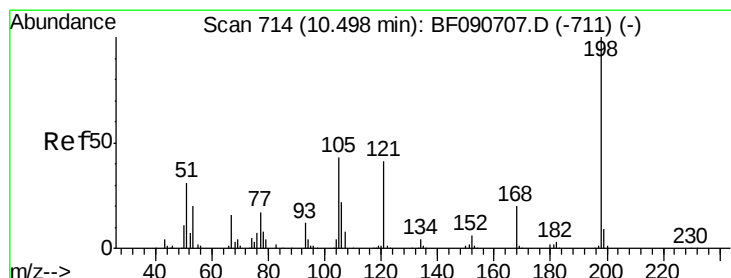
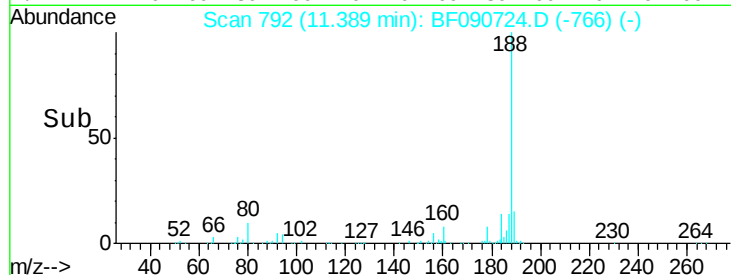
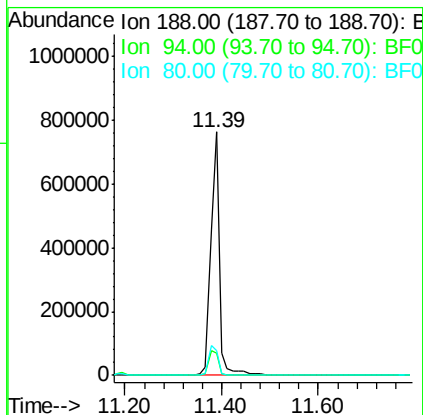
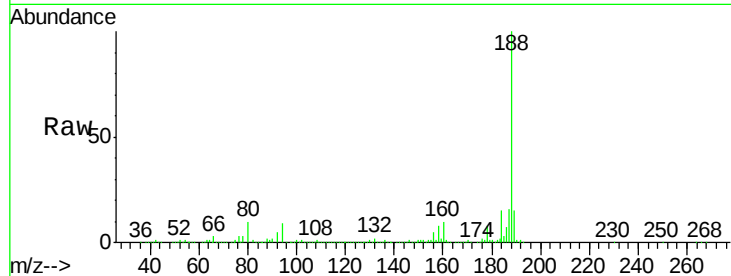
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:	188	Resp:	967835
Ion Ratio	Lower	Upper	
188	100		
94	9.2	11.1	16.7#
80	10.1	11.0	16.4#

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 44.85 ng

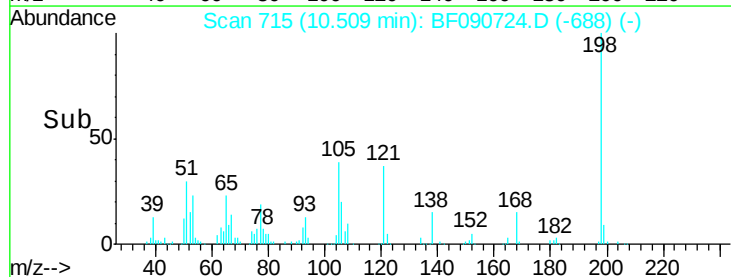
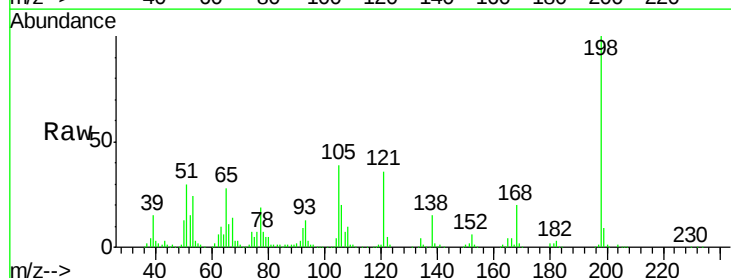
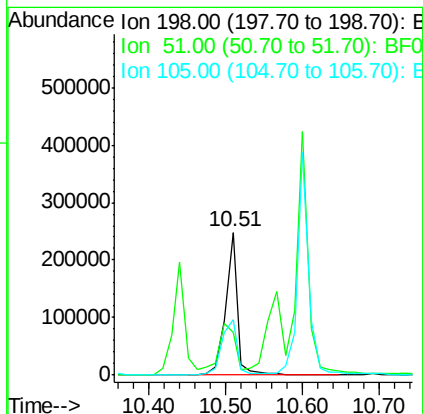
RT: 10.51 min Scan# 715

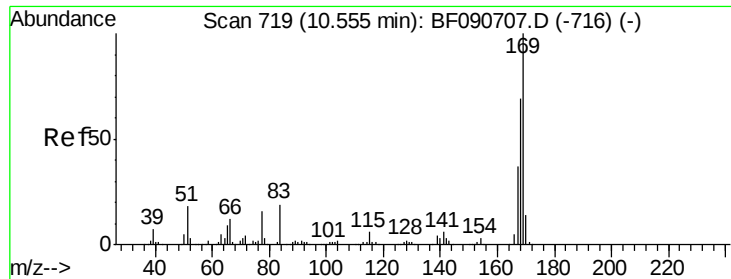
Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion:	198	Resp:	275222
Ion Ratio	Lower	Upper	
198	100		
51	30.0	39.6	79.6#
105	38.6	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 44.94 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:169 Resp: 1393323

Ion Ratio Lower Upper

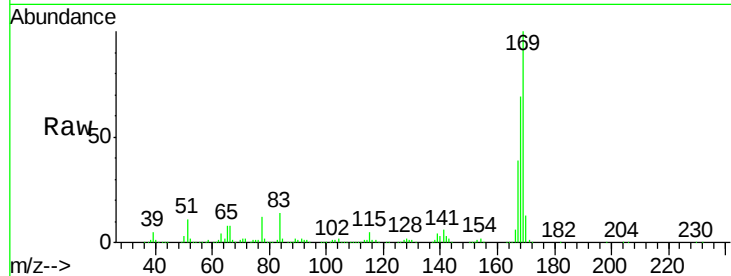
169 100

168 69.4 48.9 73.3

167 39.0 26.2 39.4

Manual Integrations
APPROVED

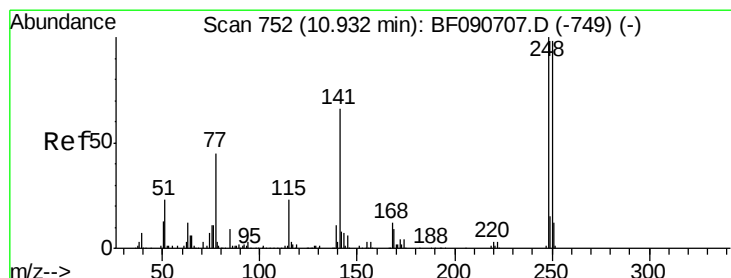
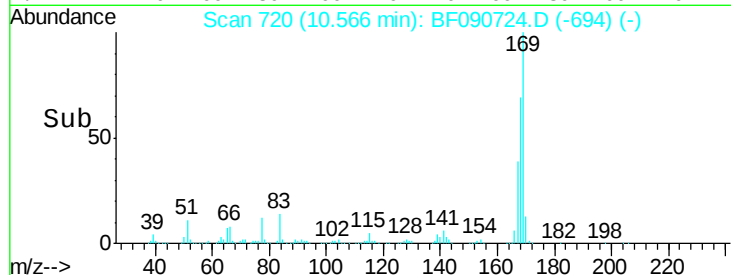
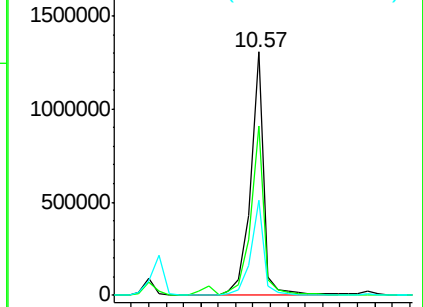
sohil
10/24/2016 3:52:11 PM



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: 47.17 ng

RT: 10.93 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

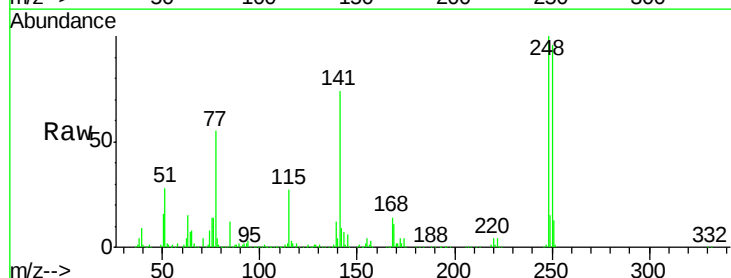
Tgt Ion:248 Resp: 442577

Ion Ratio Lower Upper

248 100

250 96.2 78.5 117.7

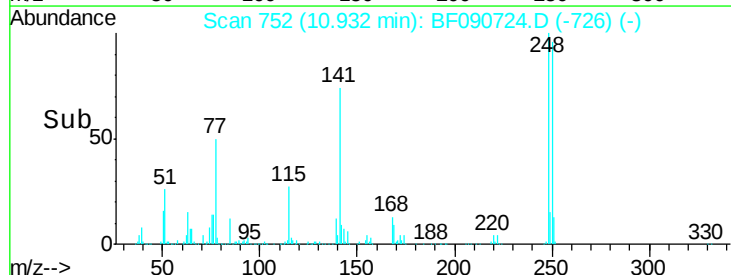
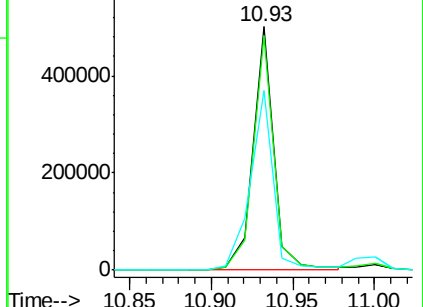
141 74.0 59.0 88.6

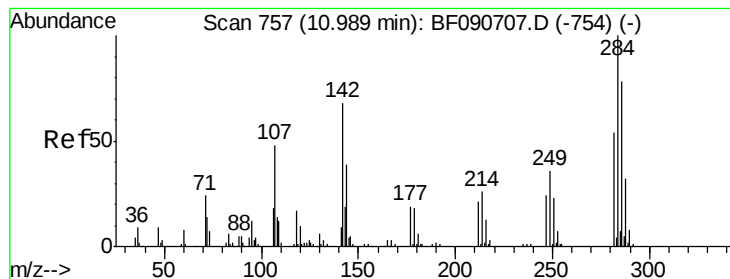


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.96 ng

RT: 11.00 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

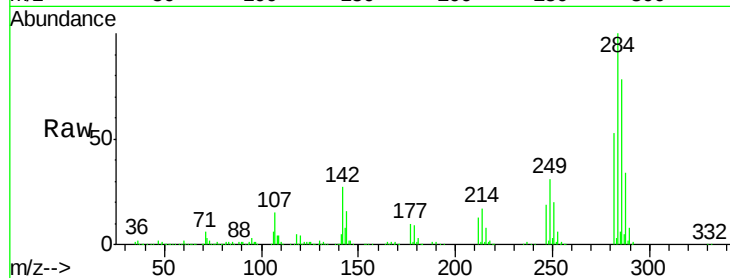
ClientSampleId :

RMAB-SB01-13.5-14.0MS

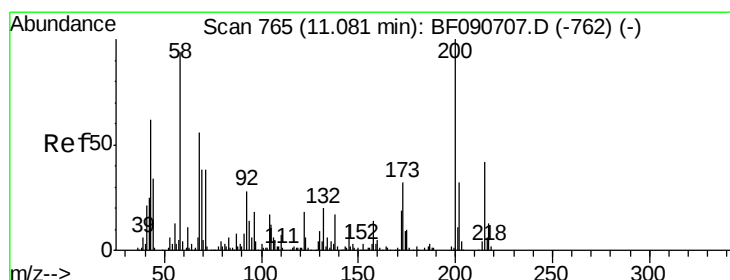
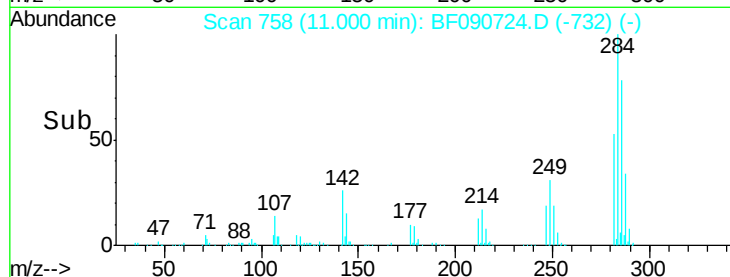
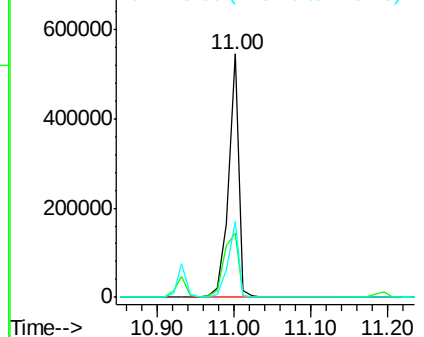
Tot Ion:	284	Resp:	519921
Ion Ratio		Lower	Upper
284	100		
142	26.6	29.5	44.3#
249	31.4	19.5	29.3#

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 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: 43.54 ng

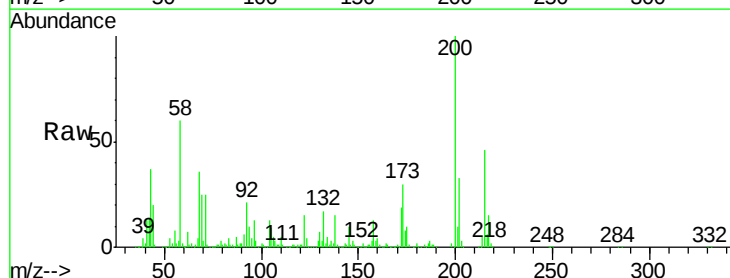
RT: 11.09 min Scan# 766

Delta R.T. -0.00 min

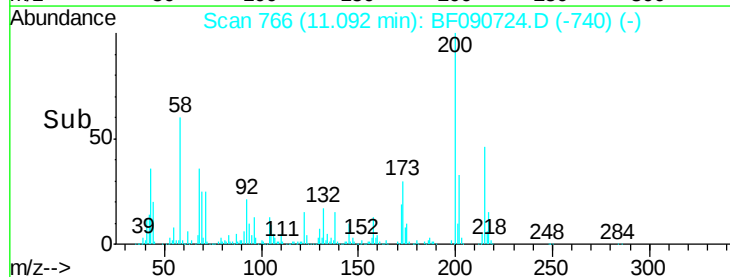
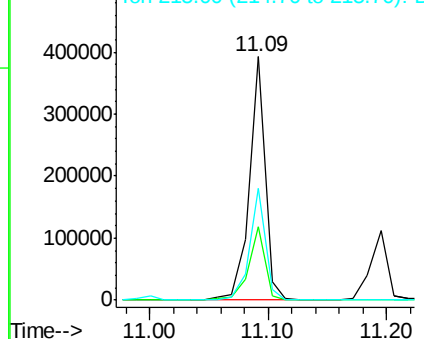
Lab File: BF090724.D

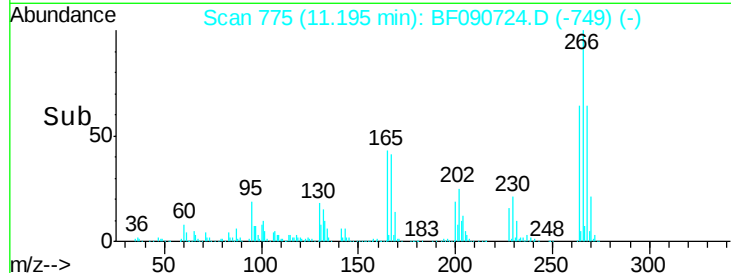
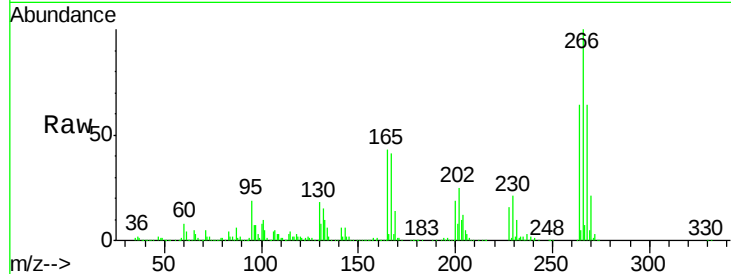
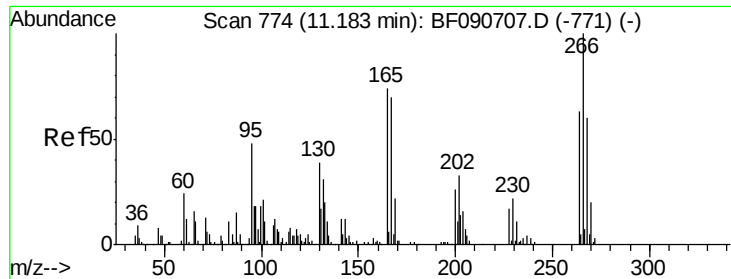
Acq: 21 Oct 2016 21:48

Tgt Ion:	200	Resp:	372665
Ion Ratio		Lower	Upper
200	100		
173	30.0	13.2	53.2
215	45.9	41.8	81.8



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





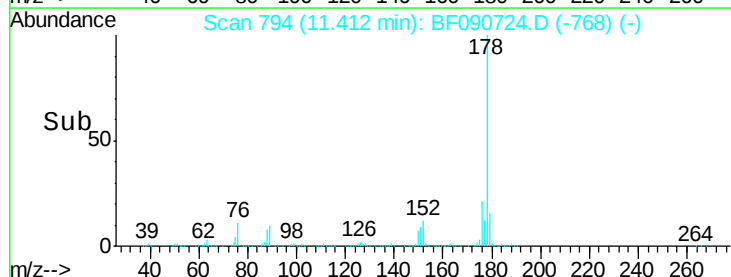
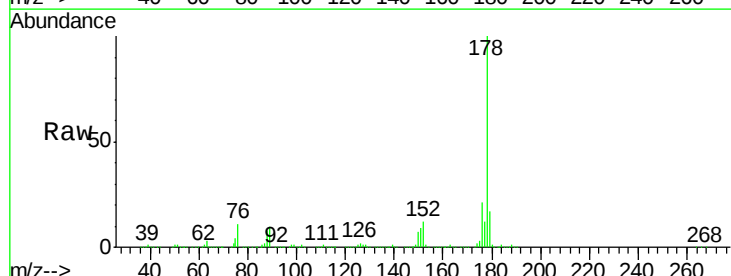
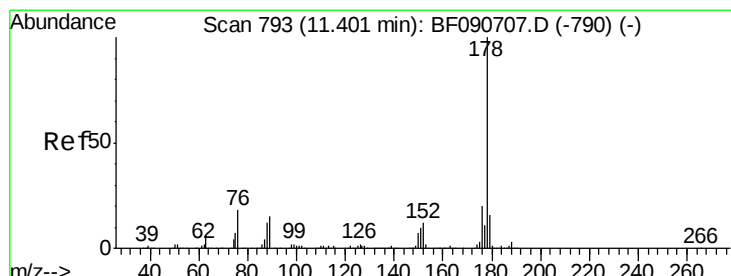
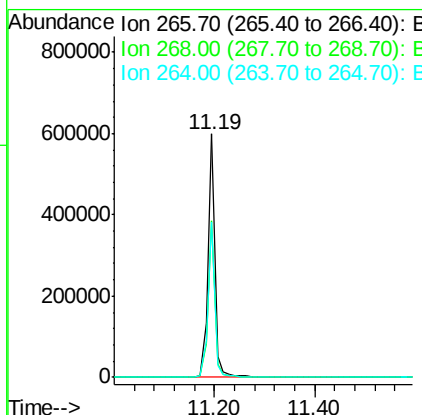
#69
 Pentachlorophenol
 Concen: 81.70 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tot Ion	Ratio	Resp	Lower	Upper
266	100	575677		
268	64.2	49.8	74.6	
264	63.8	50.2	75.2	

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

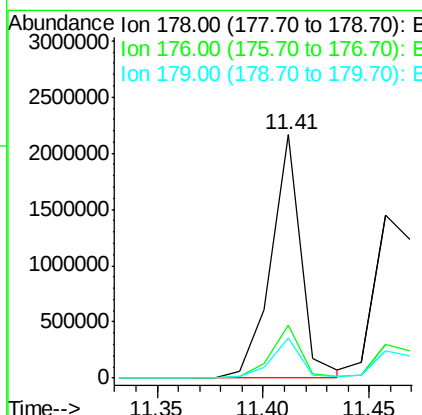
Manual Integrations
 APPROVED

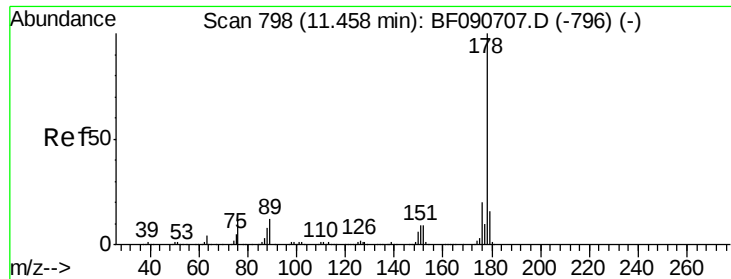
sohil
 10/24/2016 3:52:11 PM



#70
 Phenanthrene
 Concen: 42.89 ng m
 RT: 11.41 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2116081		
176	21.5	13.8	20.8#	
179	16.5	12.2	18.2	





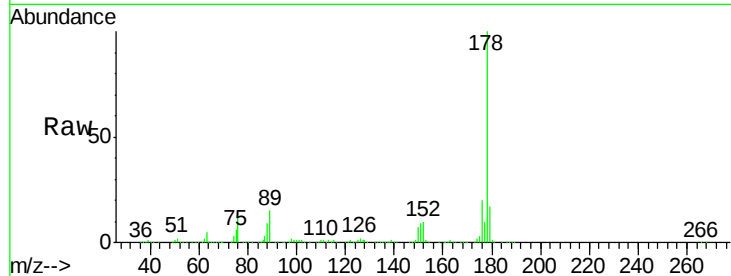
#71
 Anthracene
 Concen: 39.34 ng
 RT: 11.46 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

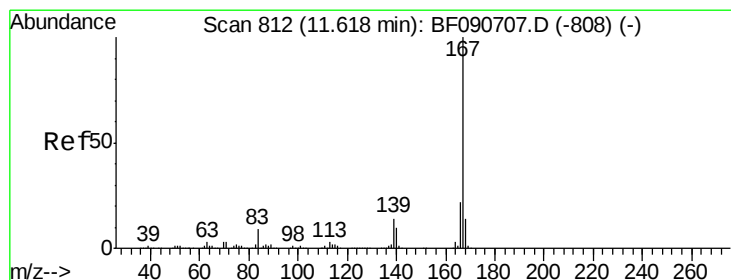
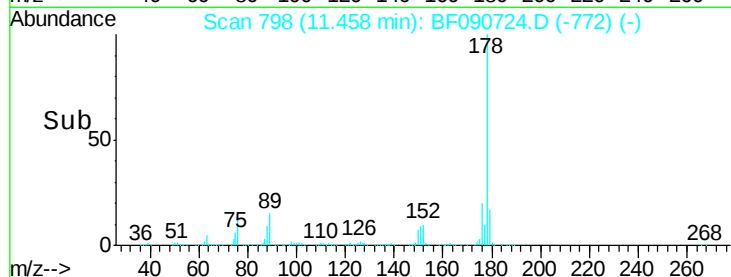
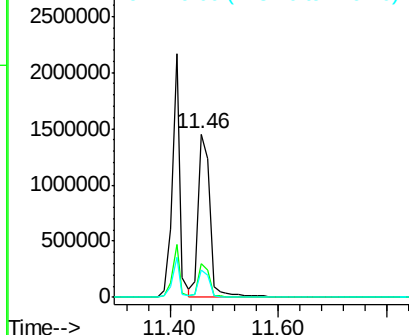
Tot Ion:178 Resp: 2152072
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.1 21.1
 179 16.7 12.2 18.2

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM

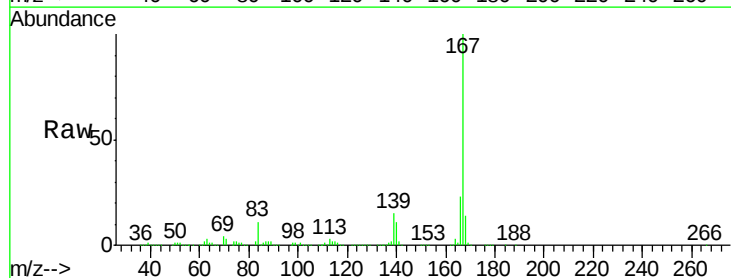


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

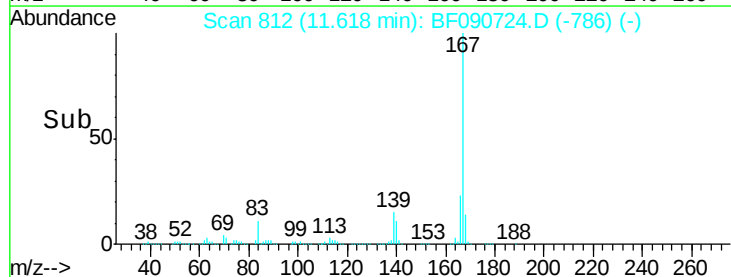
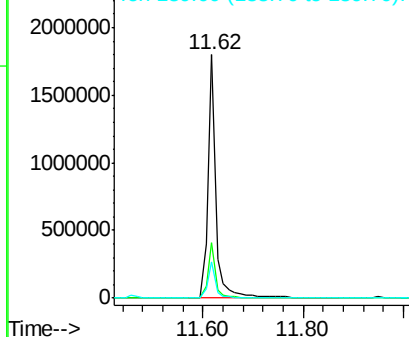


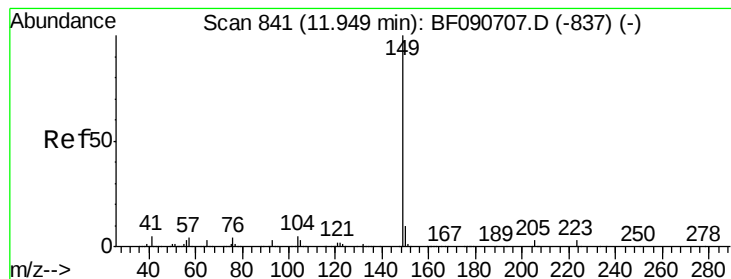
#72
 Carbazole
 Concen: 43.49 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion:167 Resp: 1989543
 Ion Ratio Lower Upper
 167 100
 166 23.0 15.7 23.5
 139 14.9 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.15 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:149 Resp: 2382036

Ion Ratio Lower Upper

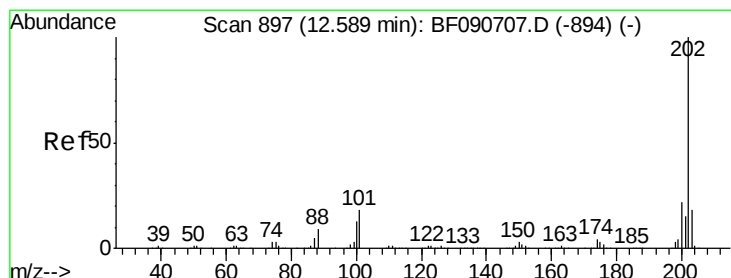
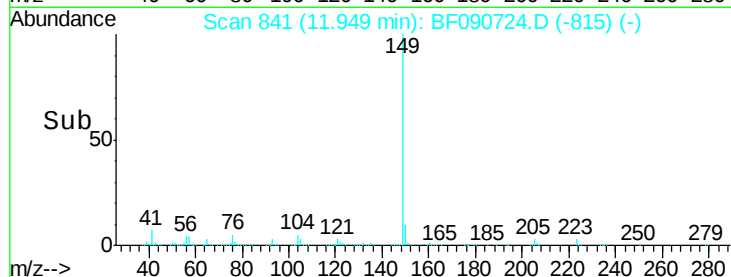
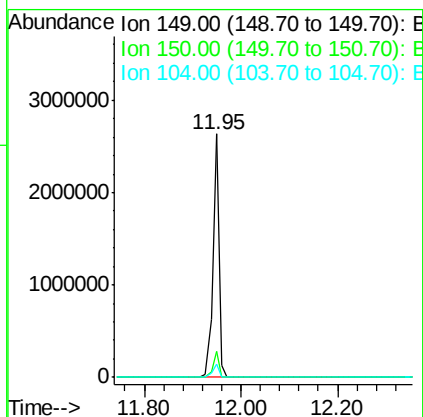
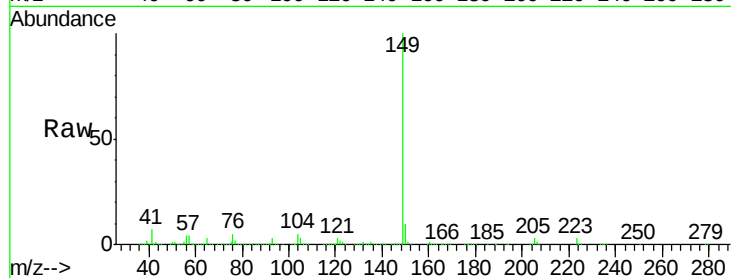
149 100

150 10.5 7.4 11.2

104 5.5 2.4 3.6#

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#74

Fluoranthene

Concen: 44.42 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

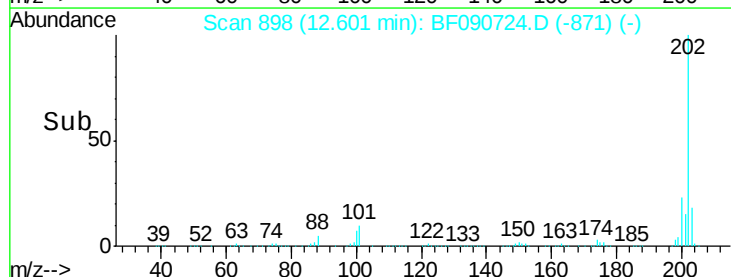
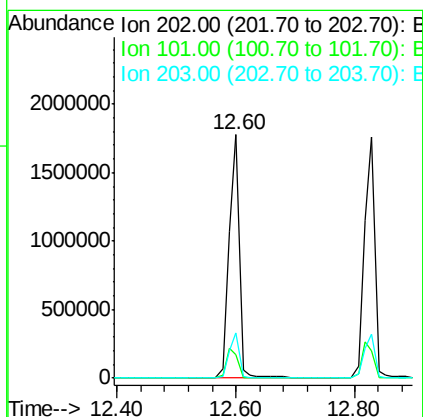
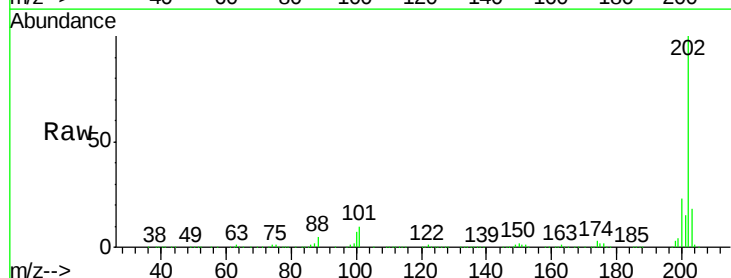
Tgt Ion:202 Resp: 2119876

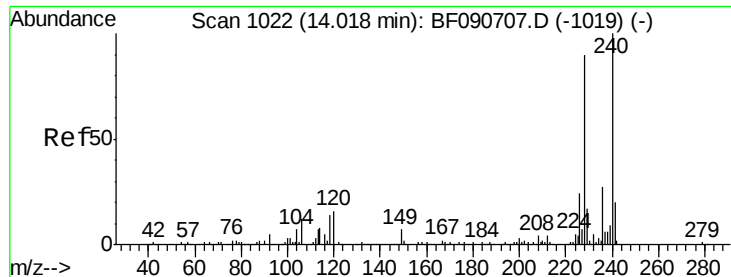
Ion Ratio Lower Upper

202 100

101 9.7 0.0 38.3

203 18.3 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

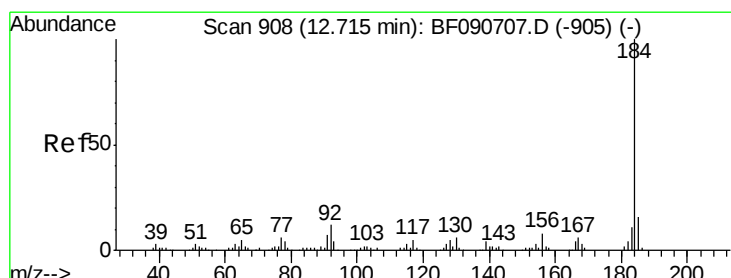
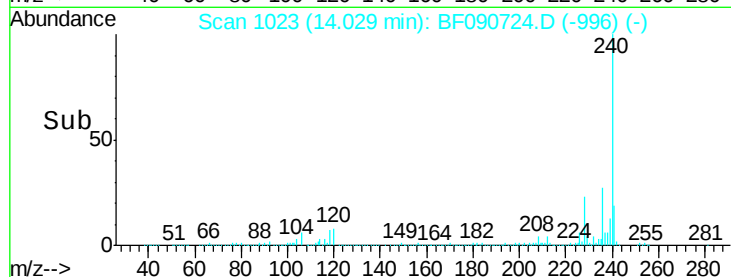
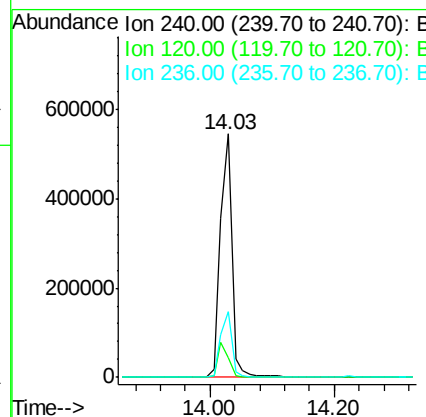
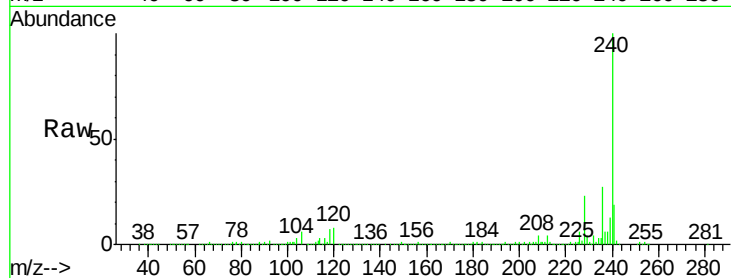
ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	16.2	24.2#
236	27.0	18.4	27.6

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#76

Benzidine

Concen: 49.01 ng

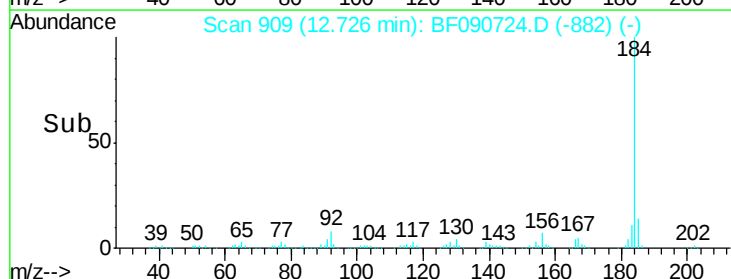
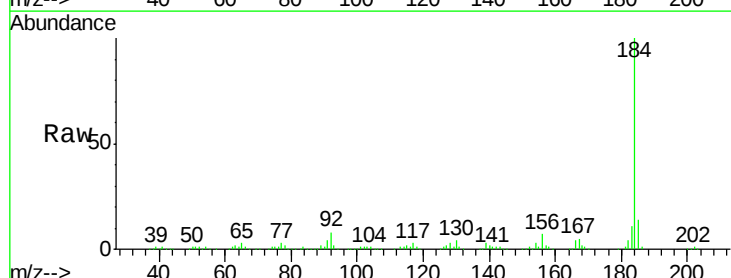
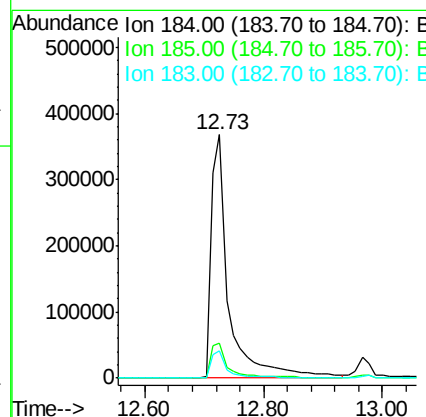
RT: 12.73 min Scan# 909

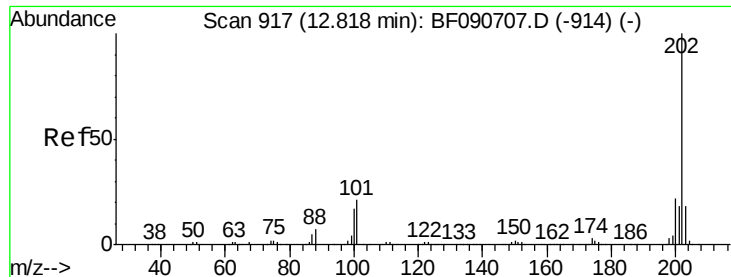
Delta R.T. 0.01 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	11.1	7.6	11.4





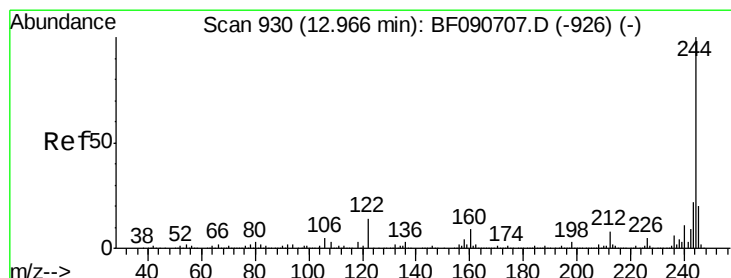
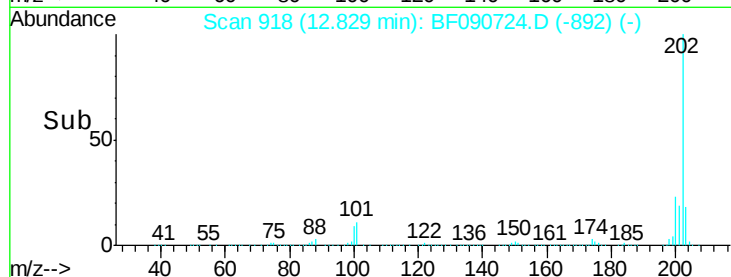
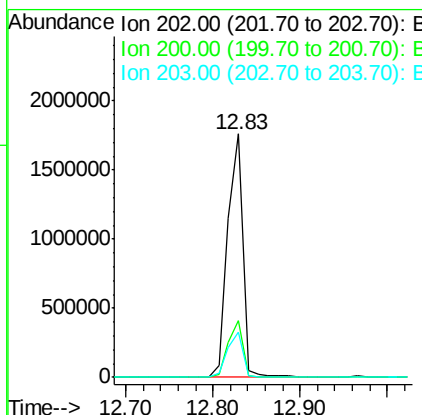
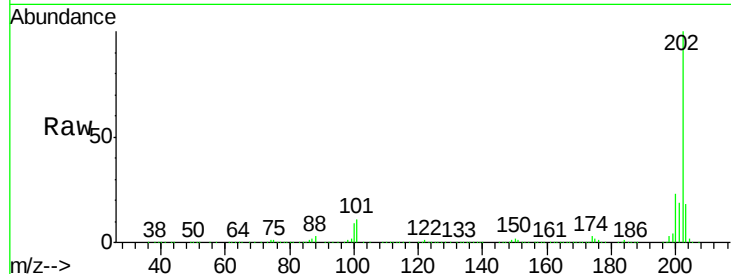
#77
Pvrene
Concen: 43.89 ng
RT: 12.83 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion:202 Resp: 2125626
Ion Ratio Lower Upper
202 100
200 23.2 15.0 22.4#
203 18.5 14.1 21.1

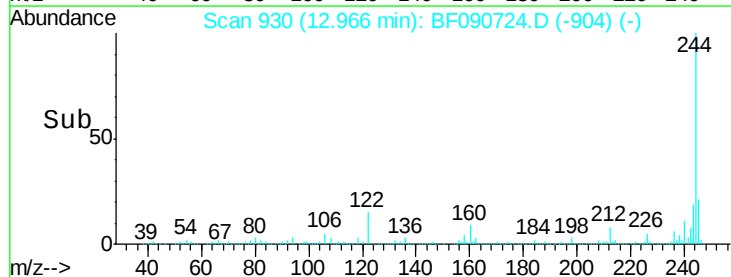
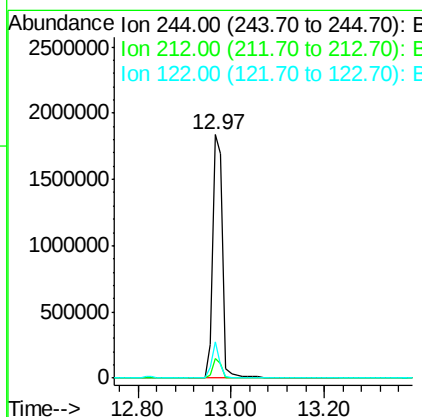
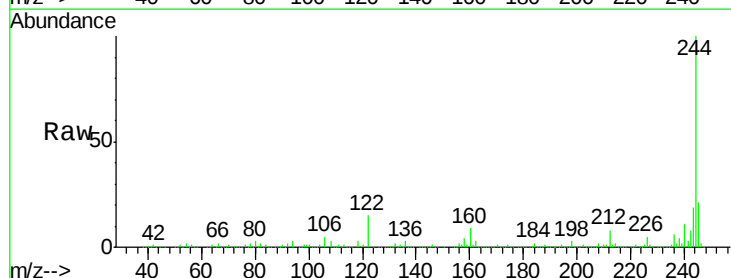
Manual Integrations
APPROVED

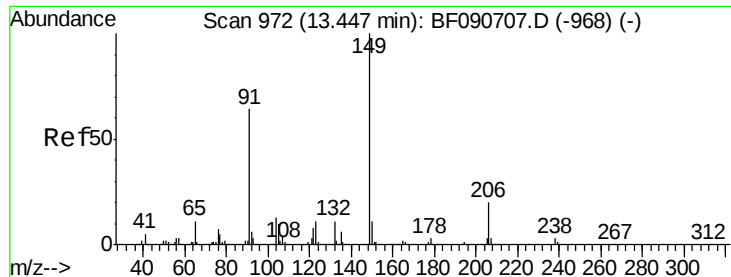
sohil
10/24/2016 3:52:11 PM



#78
Terphenyl-d14
Concen: 91.19 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion:244 Resp: 2759364
Ion Ratio Lower Upper
244 100
212 8.0 4.3 6.5#
122 15.0 17.4 26.2#





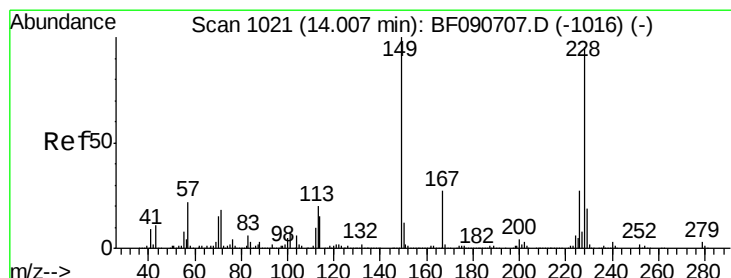
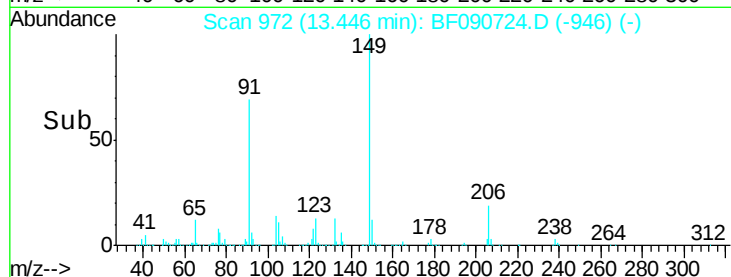
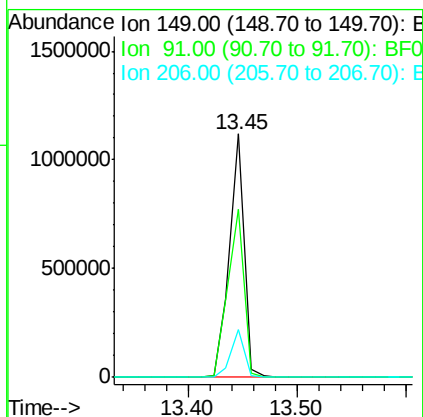
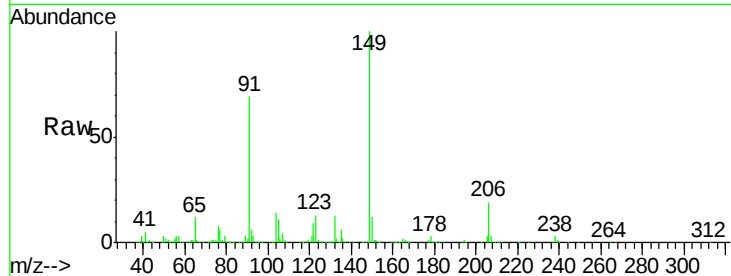
#79
Butylbenzylphthalate
Concen: 47.49 ng
RT: 13.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	48.6	72.8
206	19.4	14.9	22.3

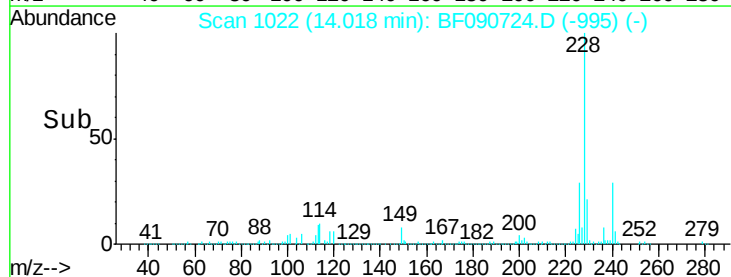
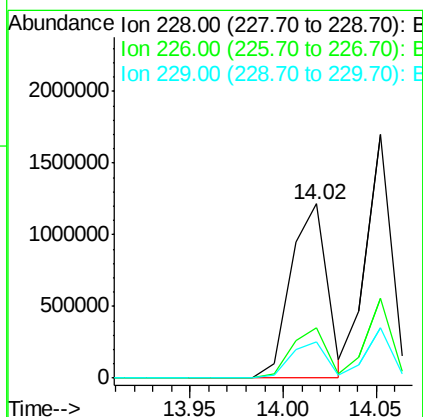
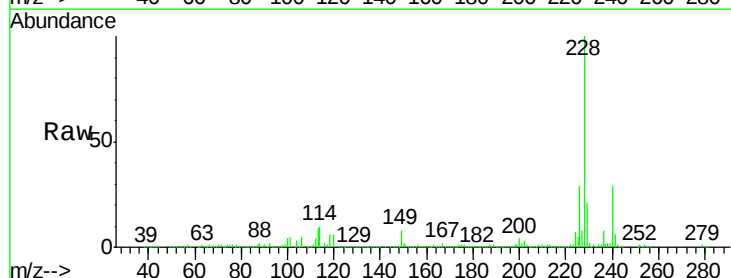
Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



#80
Benzo(a)anthracene
Concen: 43.14 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	20.6	15.4	23.2





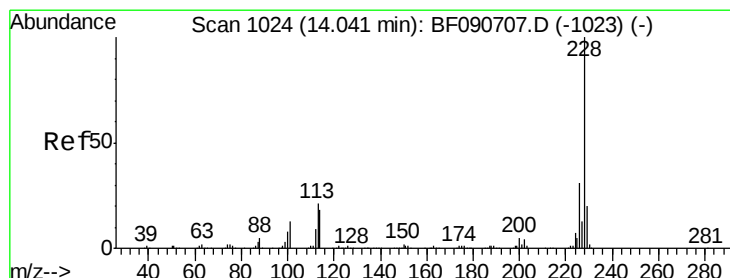
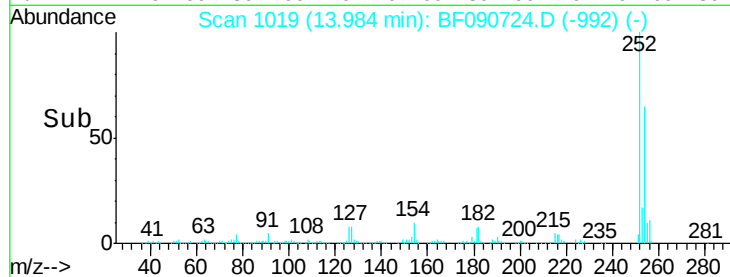
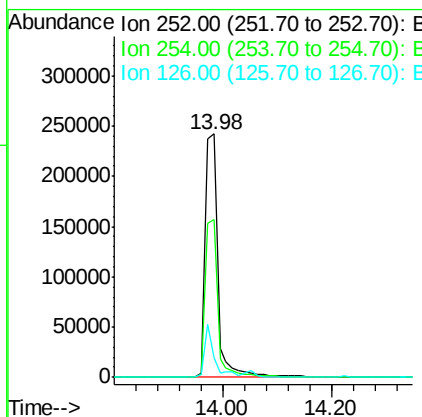
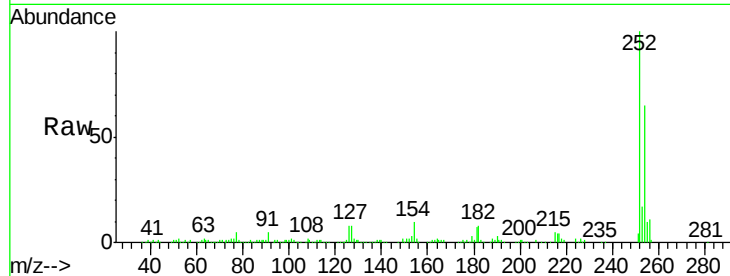
#81
 3,3'-Dichlorobenzidine
 Concen: 29.94 ng
 RT: 13.98 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	7.8	16.4	24.6

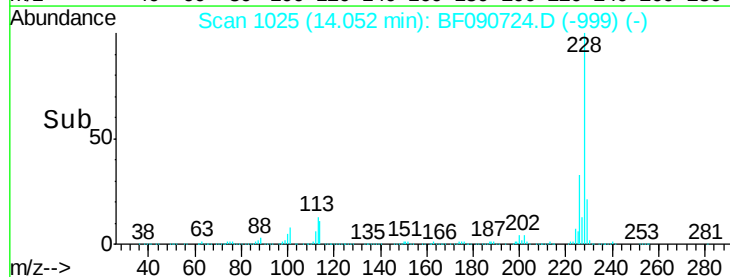
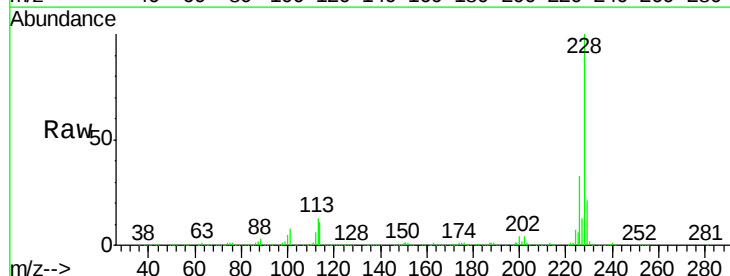
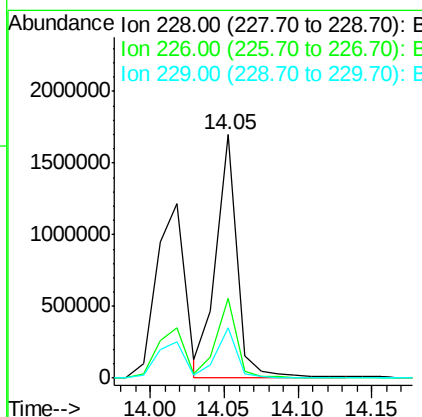
Manual Integrations
 APPROVED

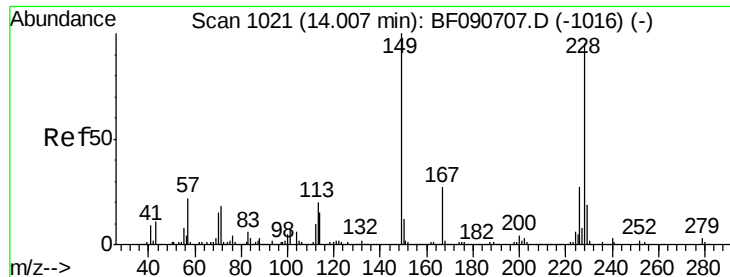
sohil
 10/24/2016 3:52:11 PM



#82
 Chrysene
 Concen: 45.59 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	21.0	31.4
229	20.8	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.37 ng

RT: 14.01 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0MS

Tot Ion:149 Resp: 1349530

Ion Ratio Lower Upper

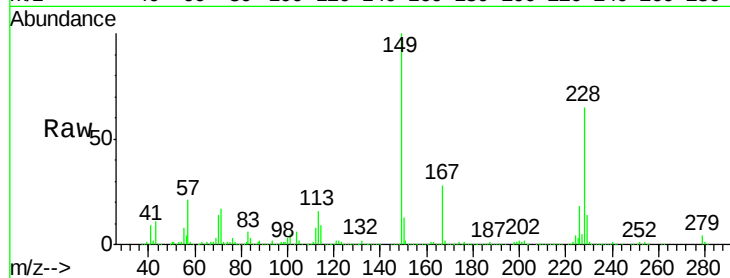
149 100

167 28.2 24.2 36.2

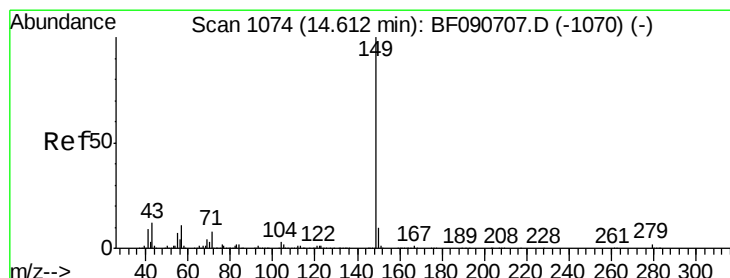
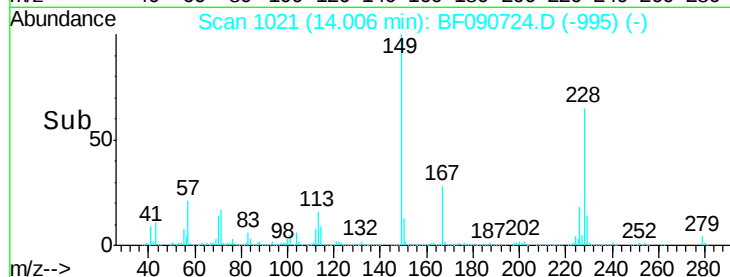
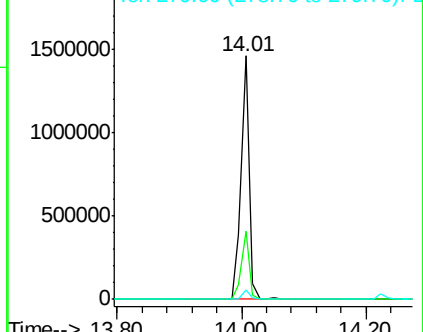
279 3.7 3.8 5.6#

Manual Integrations
APPROVED

sohil
10/24/2016 3:52:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.78 ng

RT: 14.61 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF090724.D

Acq: 21 Oct 2016 21:48

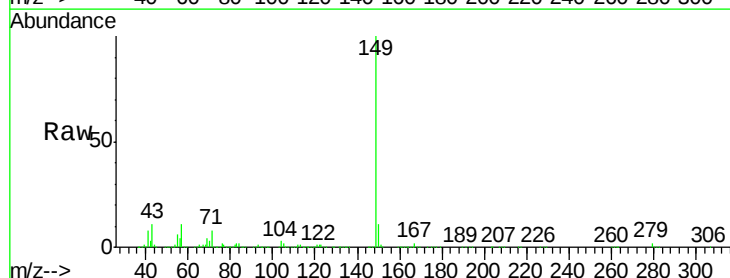
Tgt Ion:149 Resp: 2019735

Ion Ratio Lower Upper

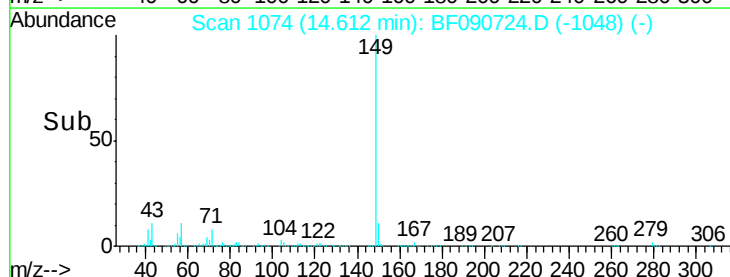
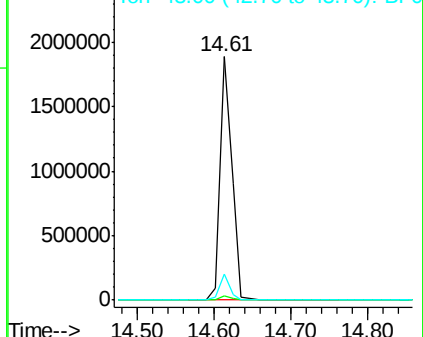
149 100

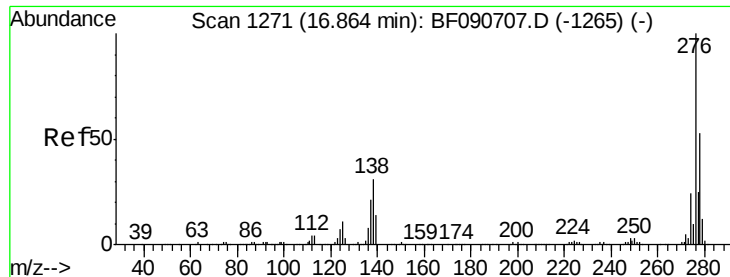
167 1.6 1.0 1.6#

43 9.6 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





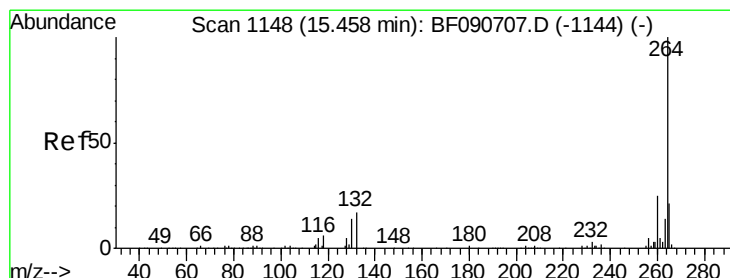
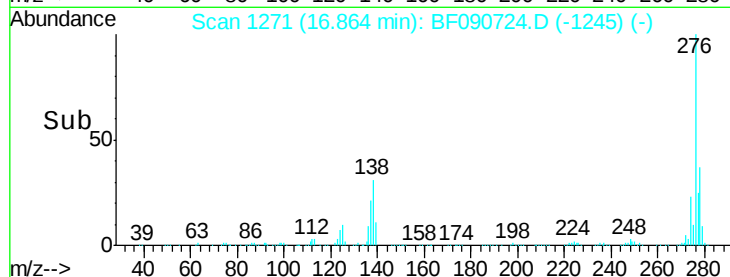
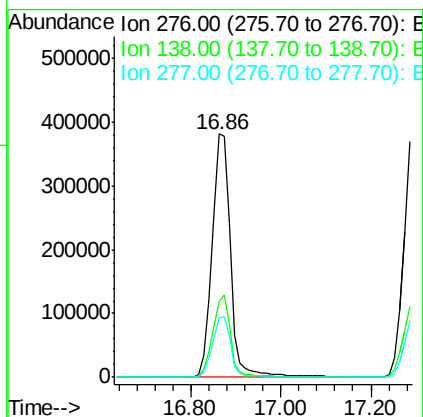
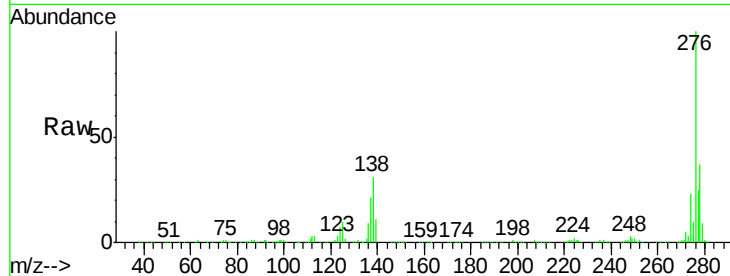
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.81 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

Tot Ion:276 Resp: 1092466
 Ion Ratio Lower Upper
 276 100
 138 33.1 25.7 38.5
 277 25.0 15.6 23.4#

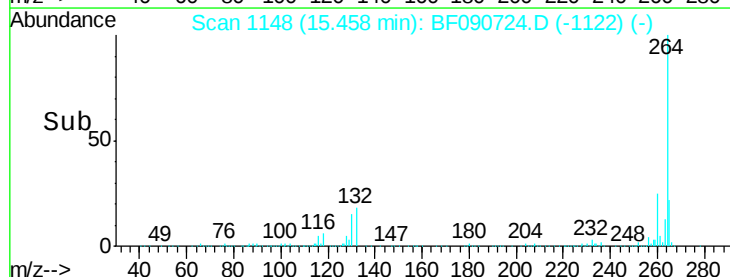
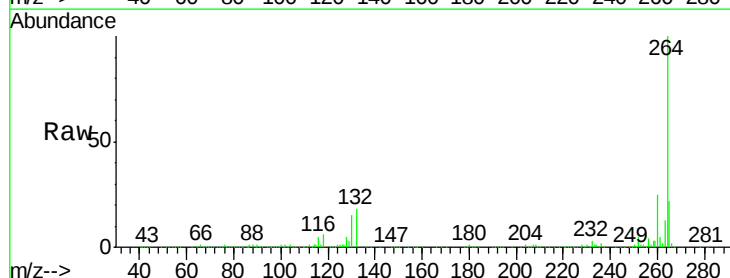
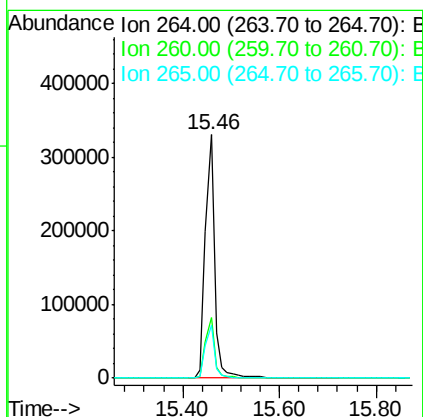
Manual Integrations
 APPROVED

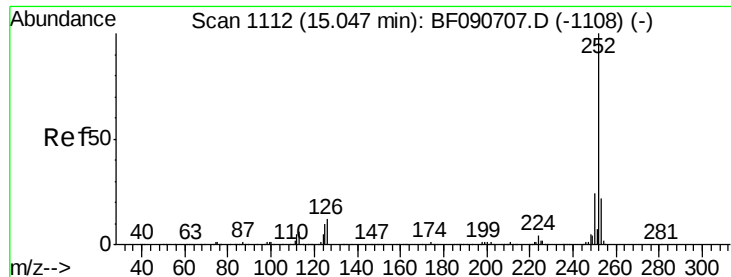
sohil
 10/24/2016 3:52:11 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Tgt Ion:264 Resp: 449406
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.7 17.2 25.8





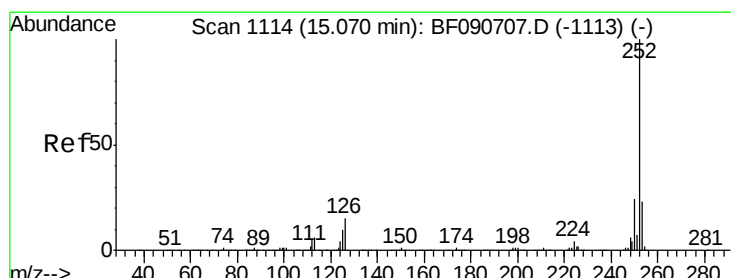
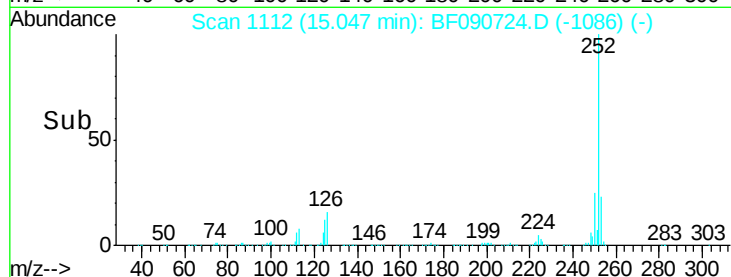
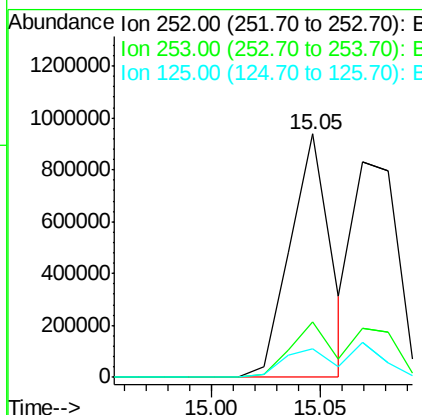
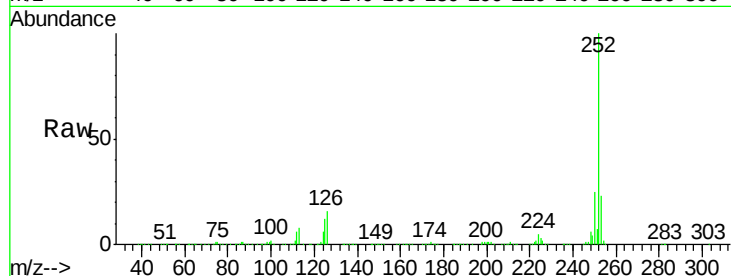
#87
Benzo(b)fluoranthene
Concen: 44.10 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.0	17.1	25.7

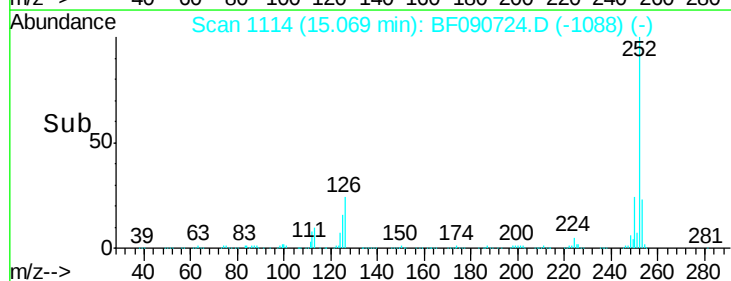
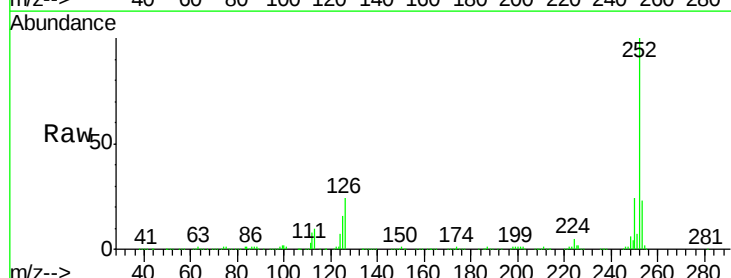
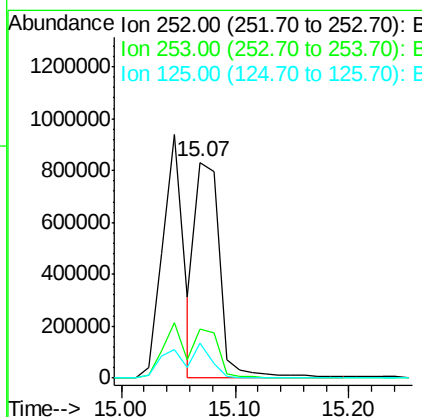
Manual Integrations
APPROVED

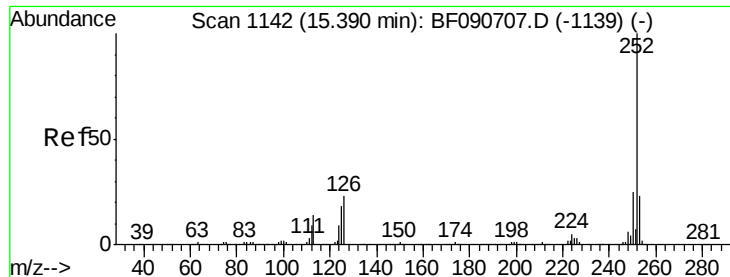
sohil
10/24/2016 3:52:11 PM



#88
Benzo(k)fluoranthene
Concen: 45.06 ng m
RT: 15.07 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	16.2	16.0	24.0





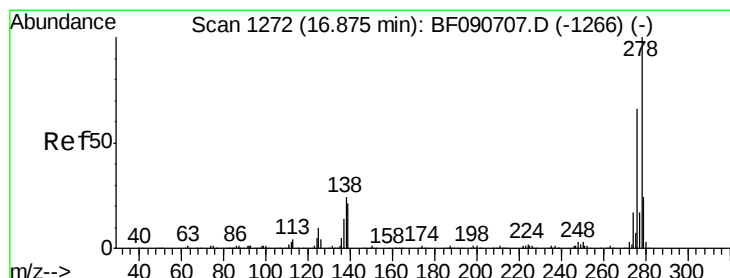
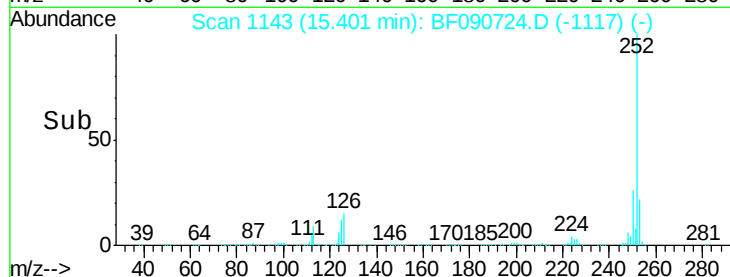
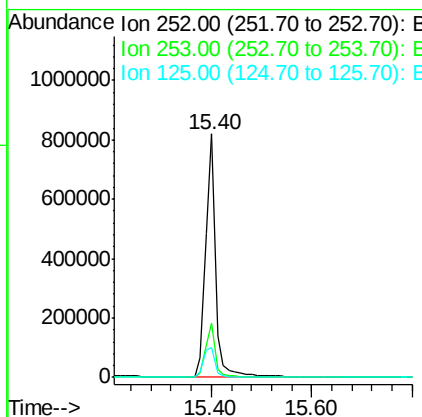
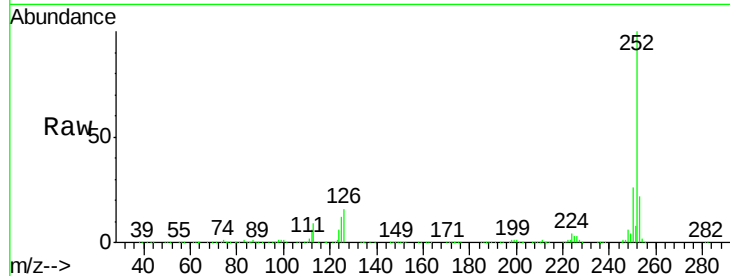
#89
Benzo(a)pyrene
Concen: 43.02 ng
RT: 15.40 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0MS

Tot Ion:252 Resp: 1115479
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.1 18.0 27.0#

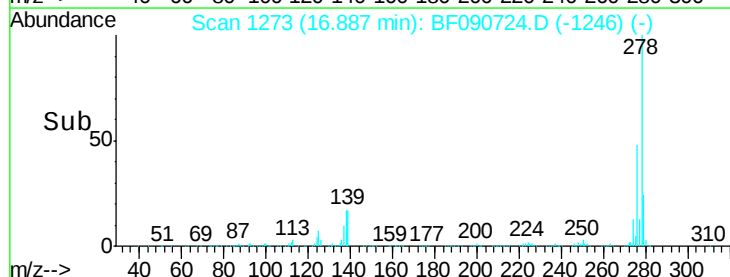
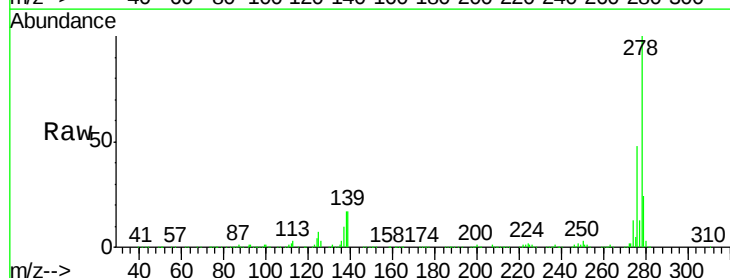
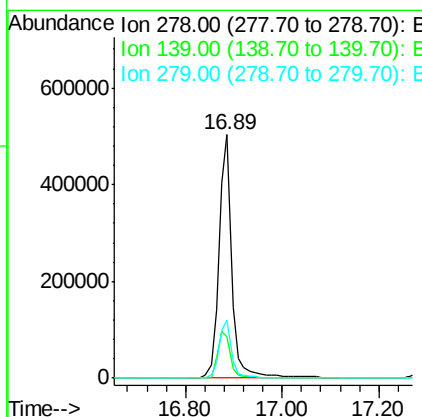
Manual Integrations
APPROVED

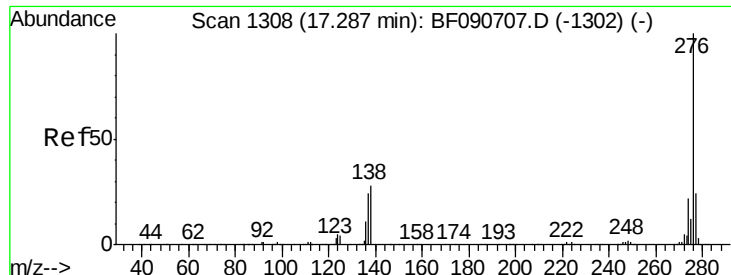
sohil
10/24/2016 3:52:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.87 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090724.D
Acq: 21 Oct 2016 21:48

Tgt Ion:278 Resp: 942695
Ion Ratio Lower Upper
278 100
139 17.0 26.3 39.5#
279 23.9 18.2 27.4





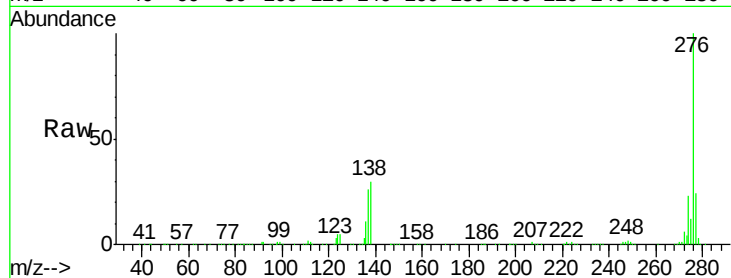
#91
 Benzo(a,h,i)perylene
 Concen: 35.90 ng
 RT: 17.29 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF090724.D
 Acq: 21 Oct 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.8	26.6
138	30.0	34.6	51.8#

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:11 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

