

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084963.D
 Acq On : 9 Feb 2016 20:25
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:45:09 PM

Quant Time: Feb 10 06:58:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	199534	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	816263	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	377410	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	686181	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	487318	20.00	ng	-0.06
86) Perylene-d12	15.14	264	376256	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1030471	80.44	ng	-0.06
7) Phenol-d6	6.29	99	1121009	70.59	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1142362	78.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	325637	82.72	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1687384	71.38	ng	-0.06
78) Terphenyl-d14	12.74	244	1841211	85.62	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	30251m	5.39	ng	
3) Pyridine	2.74	79	534576	36.56	ng	# 76
4) n-Nitrosodimethylamine	2.70	42	290753	38.45	ng	# 83
6) Aniline	6.30	93	772608	39.76	ng	# 66
8) 2-Chlorophenol	6.42	128	533940	36.82	ng	# 91
9) Benzaldehyde	6.18	77	327926	34.97	ng	# 98
10) Phenol	6.30	94	604938	34.00	ng	# 71
11) bis(2-Chloroethyl)ether	6.38	93	567369	40.90	ng	# 88
12) 1,3-Dichlorobenzene	6.57	146	573407	37.43	ng	# 90
13) 1,4-Dichlorobenzene	6.65	146	568469	37.12	ng	# 98
14) 1,2-Dichlorobenzene	6.81	146	551442	38.66	ng	# 98
15) Benzyl Alcohol	6.80	79	432036	39.40	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	888125	38.06	ng	# 87
17) 2-Methylphenol	6.92	107	439491	38.32	ng	# 87
18) Hexachloroethane	7.15	117	227867	38.64	ng	# 86
19) n-Nitroso-di-n-propylamine	7.07	70	353630	35.52	ng	# 76
20) 3+4-Methylphenols	7.07	107	533072	37.45	ng	# 79
22) Acetophenone	7.06	105	767856	35.69	ng	# 98
24) Nitrobenzene	7.23	77	567170	36.55	ng	# 96
25) Isophorone	7.48	82	1068359	37.92	ng	# 95
26) 2-Nitrophenol	7.55	139	318289	41.59	ng	# 97
27) 2,4-Dimethylphenol	7.60	122	482313	36.23	ng	# 96
28) bis(2-Chloroethoxy)methane	7.69	93	585925	35.05	ng	# 100
29) 2,4-Dichlorophenol	7.79	162	409128	35.92	ng	# 95
30) 1,2,4-Trichlorobenzene	7.87	180	489223	38.03	ng	# 95
31) Naphthalene	7.95	128	1602720	39.14	ng	# 100
32) Benzoic acid	7.76	122	372767	43.78	ng	# 94
33) 4-Chloroaniline	8.01	127	680375	40.18	ng	# 95
34) Hexachlorobutadiene	8.06	225	262323	35.36	ng	# 97
35) Caprolactam	8.40	113	128091	36.49	ng	# 53
36) 4-Chloro-3-methylphenol	8.50	107	465243	35.81	ng	# 94
37) 2-Methylnaphthalene	8.64	142	954541	37.25	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	468020	39.05	ng	# 99
40) Hexachlorocyclopentadiene	8.78	237	168357	40.27	ng	# 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084963.D
 Acq On : 9 Feb 2016 20:25
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

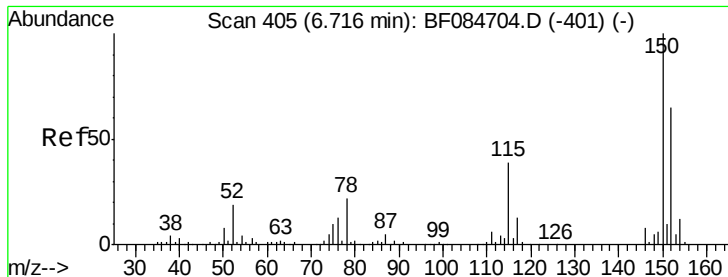
Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:45:09 PM

Quant Time: Feb 10 06:58:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	296174	38.35	nq	93
43) 2,4,5-Trichlorophenol	8.97	196	307103	39.14	nq	96
45) 1,1'-Biphenyl	9.10	154	1354123	40.17	nq	98
46) 2-Chloronaphthalene	9.13	162	977984	39.40	nq	# 90
47) 2-Nitroaniline	9.23	65	338247	43.03	nq	88
48) Acenaphthylene	9.54	152	1507017	40.00	nq	98
49) Dimethylphthalate	9.41	163	1022817	35.58	nq	# 90
50) 2,6-Dinitrotoluene	9.47	165	226278	36.03	nq	# 42
51) Acenaphthene	9.71	154	960796	39.20	nq	97
52) 3-Nitroaniline	9.64	138	265526	37.63	nq	# 90
53) 2,4-Dinitrophenol	9.76	184	114733	42.52	nq	# 82
54) Dibenzofuran	9.88	168	1189189	39.70	nq	98
55) 4-Nitrophenol	9.82	139	186375	35.94	nq	84
56) 2,4-Dinitrotoluene	9.88	165	311036	38.83	nq	# 84
57) Fluorene	10.22	166	981273	39.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	218620	36.60	nq	89
59) Diethylphthalate	10.11	149	1108769	39.50	nq	98
60) 4-Chlorophenyl-phenylether	10.21	204	411064	37.98	nq	92
61) 4-Nitroaniline	10.26	138	296429	43.11	nq	84
62) Azobenzene	10.37	77	1020849	37.82	nq	90
64) 4,6-Dinitro-2-methylphenol	10.28	198	159582	37.68	nq	# 53
65) n-Nitrosodiphenylamine	10.34	169	847252	38.89	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	317260	41.86	nq	95
67) Hexachlorobenzene	10.76	284	298169	36.11	nq	# 85
68) Atrazine	10.88	200	301637	43.84	nq	95
69) Pentachlorophenol	10.97	266	126930	32.71	nq	97
70) Phenanthrene	11.17	178	1350564	35.49	nq	97
71) Anthracene	11.23	178	1548307	40.37	nq	99
72) Carbazole	11.39	167	1354573	40.51	nq	97
73) Di-n-butylphthalate	11.72	149	1490642	35.01	nq	# 96
74) Fluoranthene	12.35	202	1406762	36.52	nq	98
76) Benzidine	12.49	184	697872	40.82	nq	99
77) Pyrene	12.58	202	1346804	36.10	nq	99
79) Butylbenzylphthalate	13.21	149	659927	38.99	nq	# 85
80) Benzo(a)anthracene	13.77	228	1212198	40.08	nq	97
81) 3,3'-Dichlorobenzidine	13.73	252	393983	36.79	nq	# 94
82) Chrysene	13.80	228	916759	31.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	852341	40.47	nq	# 95
84) Di-n-octyl phthalate	14.39	149	1251363	36.01	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.40	276	924874	40.06	nq	98
87) Benzo(b)fluoranthene	14.77	252	1123461m	44.44	nq	
88) Benzo(k)fluoranthene	14.80	252	701986m	33.58	nq	
89) Benzo(a)pyrene	15.08	252	822284	38.17	nq	# 97
90) Dibenzo(a,h)anthracene	16.41	278	760530	41.94	nq	# 96
91) Benzo(g,h,i)perylene	16.77	276	795545	43.56	nq	96

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



#1

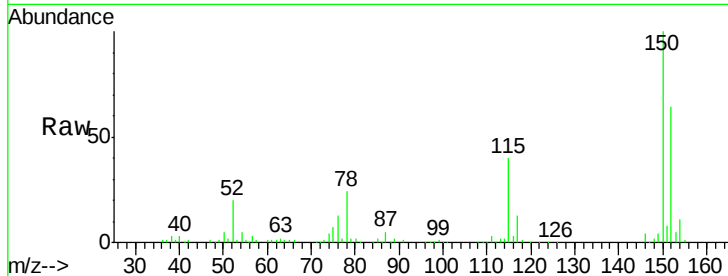
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

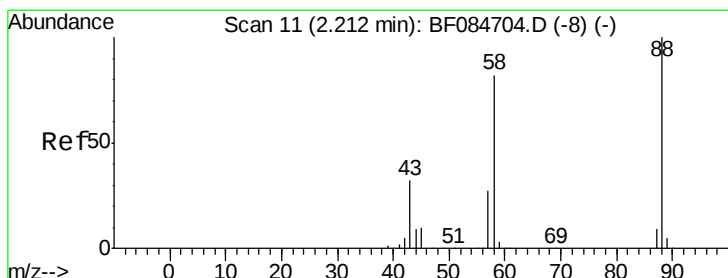
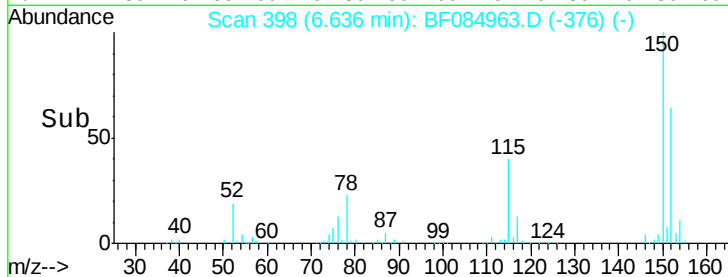
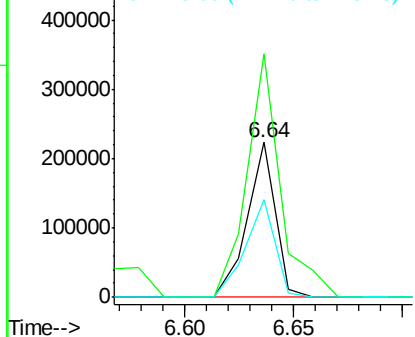
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.4
115	63.3	51.4	77.2

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 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

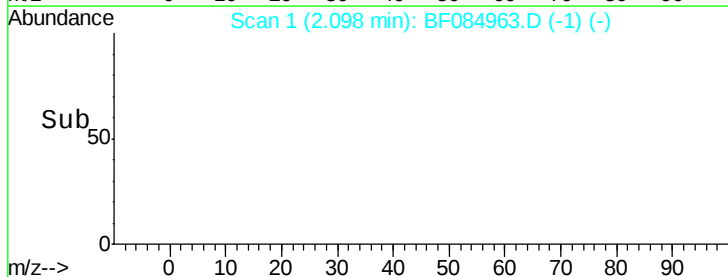
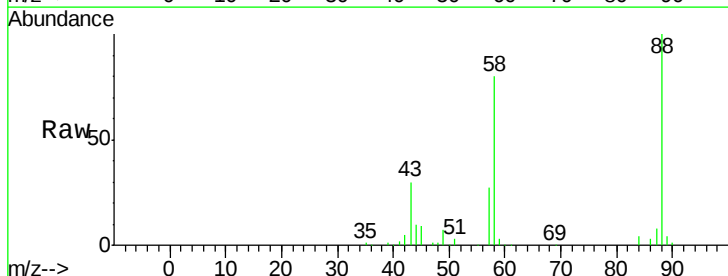
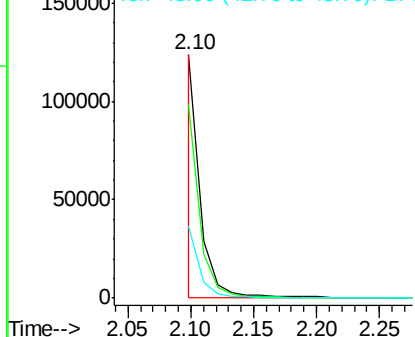


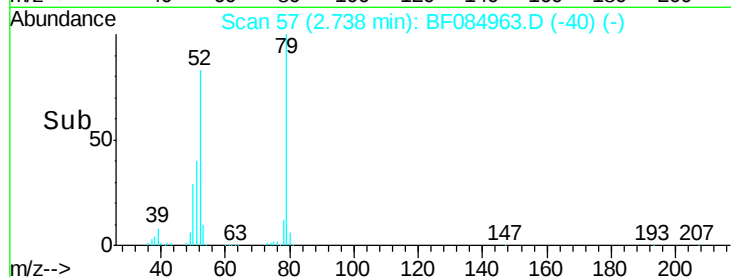
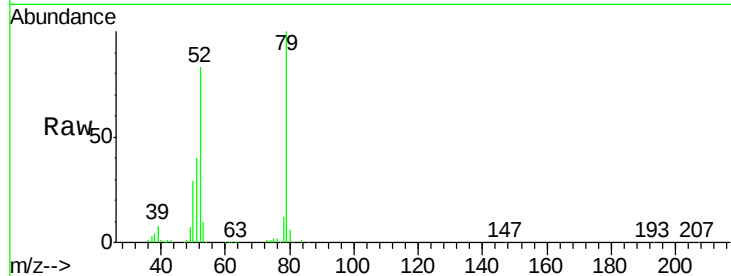
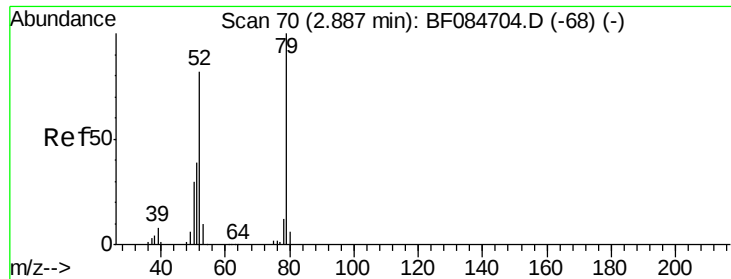
#2

1,4-Dioxane
Concen: 5.39 ng m
RT: 2.10 min Scan# 1
Delta R.T. -0.08 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.2	76.8#
43	0.0	19.5	29.3#

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





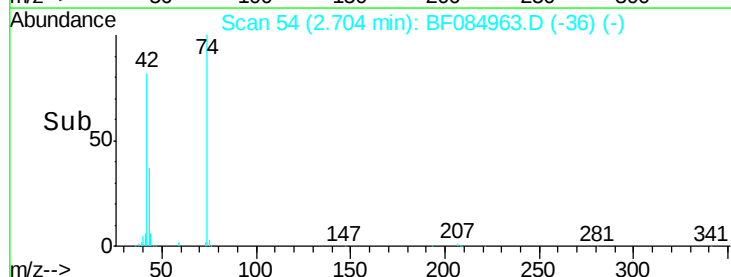
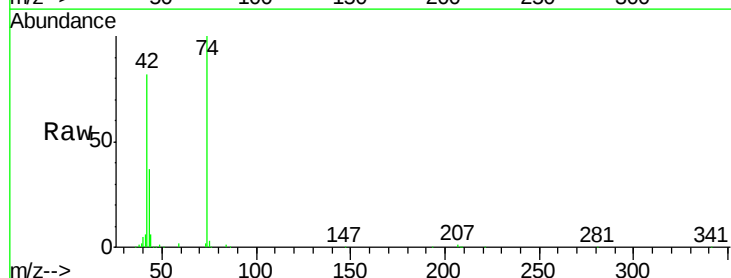
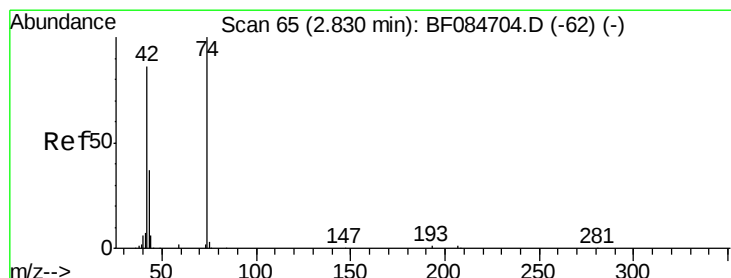
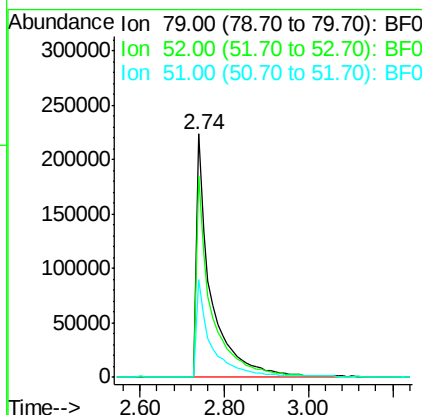
#3
 Pvridine
 Concen: 36.56 ng
 RT: 2.74 min Scan# 57
 Delta R.T. -0.10 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.5	49.0	73.4#
51	39.9	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

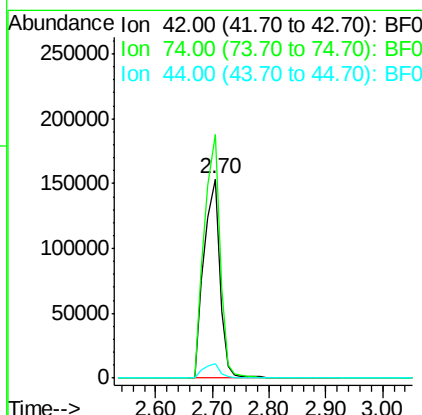
Manual Integrations
 APPROVED

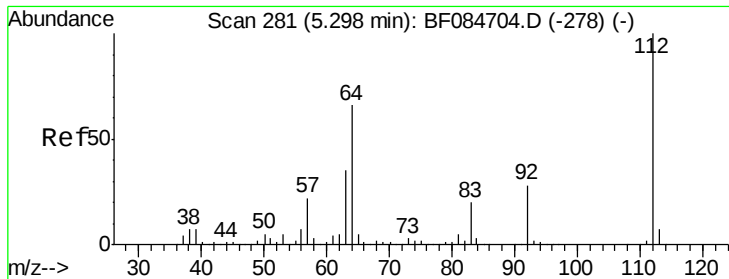
Sohil
 2/10/2016 1:45:09 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.45 ng
 RT: 2.70 min Scan# 54
 Delta R.T. -0.09 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.1	115.7	173.5
44	7.1	5.1	7.7





#5

2-Fluorophenol

Concen: 80.44 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1030471

Ion Ratio Lower Upper

112 100

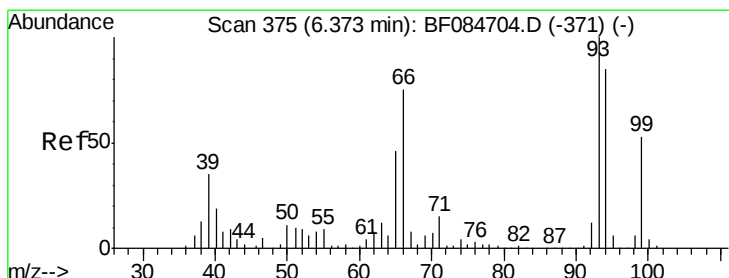
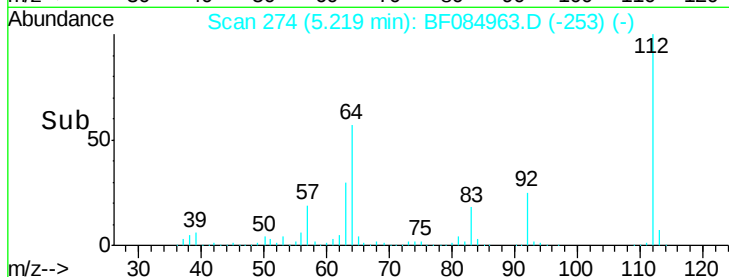
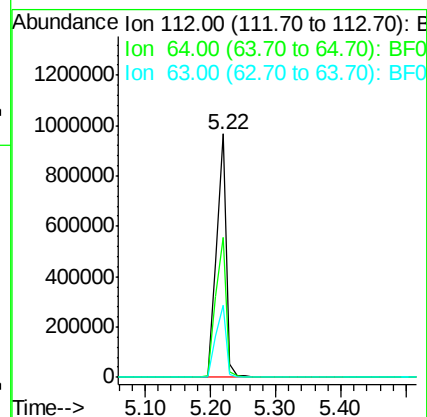
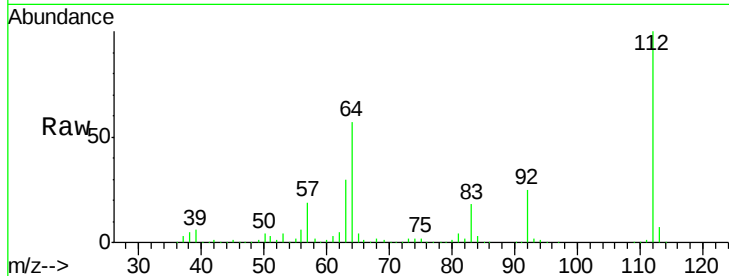
64 57.4 36.6 55.0#

63 29.9 19.4 29.0#

Manual Integrations
APPROVED

Sohil

2/10/2016 1:45:09 PM



#6

Aniline

Concen: 39.76 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

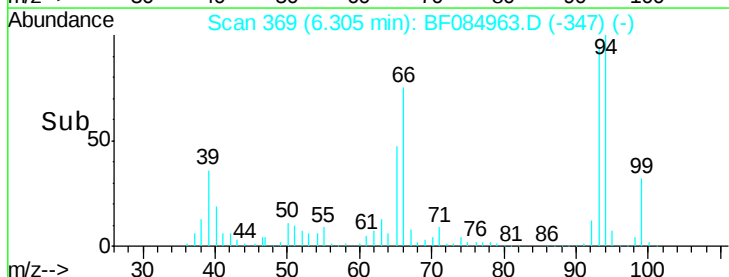
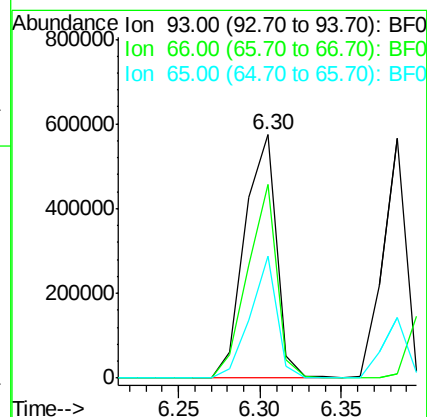
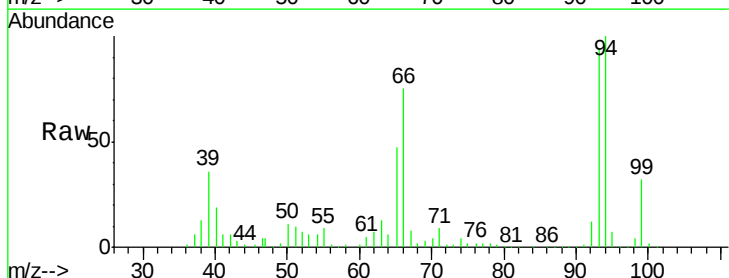
Tgt Ion: 93 Resp: 772608

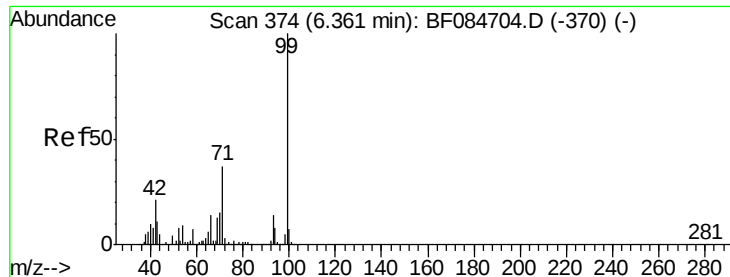
Ion Ratio Lower Upper

93 100

66 79.7 44.9 67.3#

65 49.9 23.7 35.5#





#7

Phenol-d6

Concen: 70.59 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1121009

Ion Ratio Lower Upper

99 100

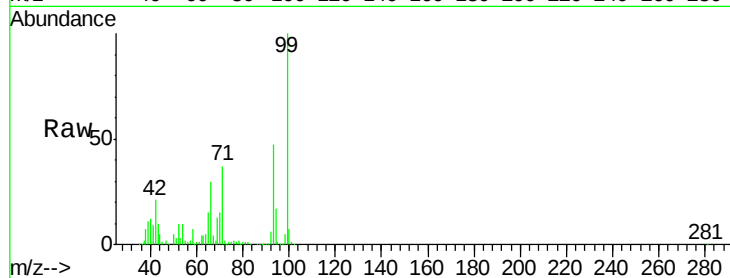
42 20.9 12.8 19.2#

71 37.0 30.9 46.3

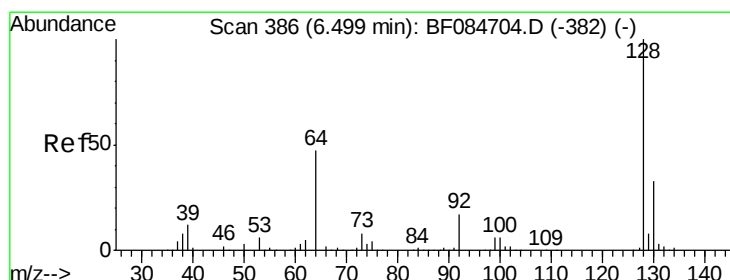
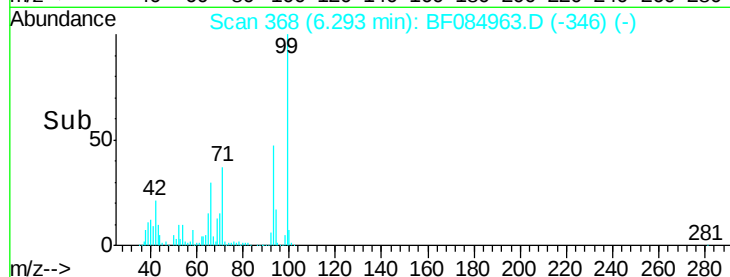
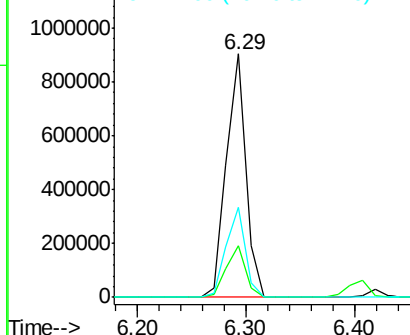
Manual Integrations
APPROVED

Sohil

2/10/2016 1:45:09 PM



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



#8

2-Chlorophenol

Concen: 36.82 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

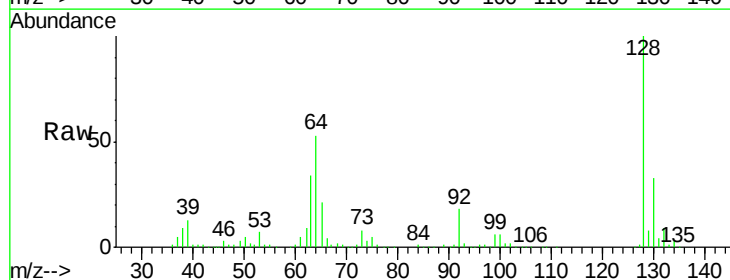
Tgt Ion: 128 Resp: 533940

Ion Ratio Lower Upper

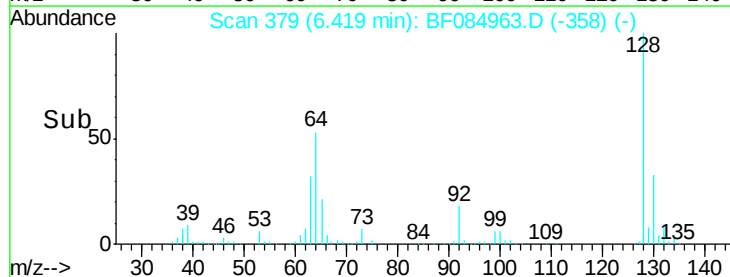
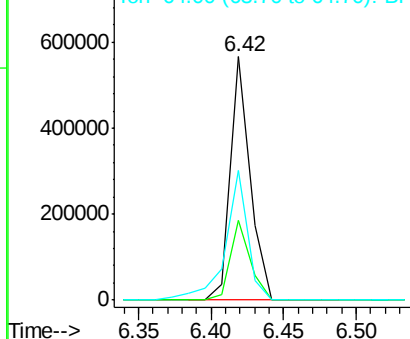
128 100

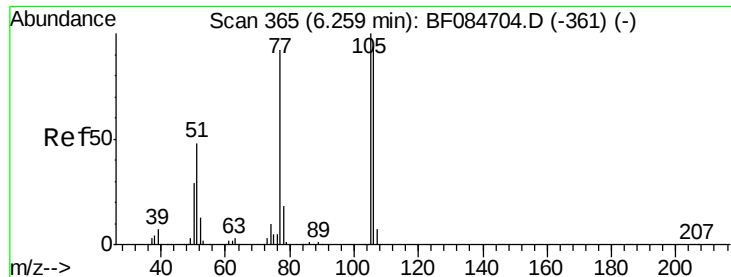
130 32.7 11.6 51.6

64 53.3 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.97 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

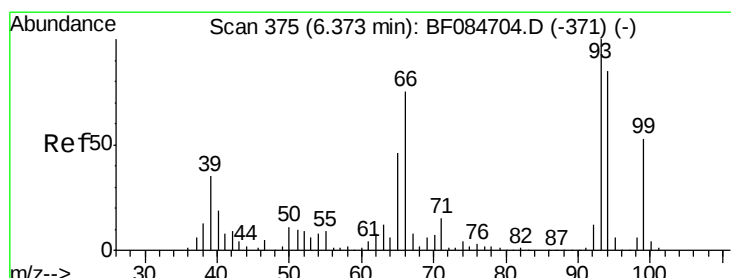
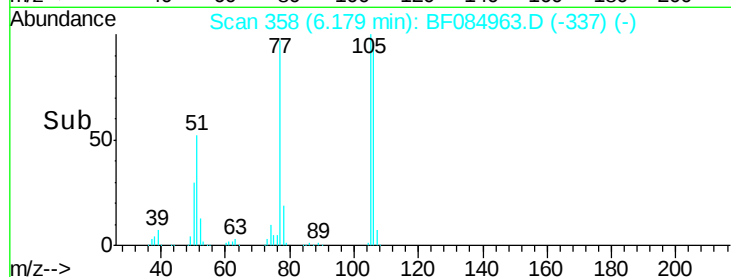
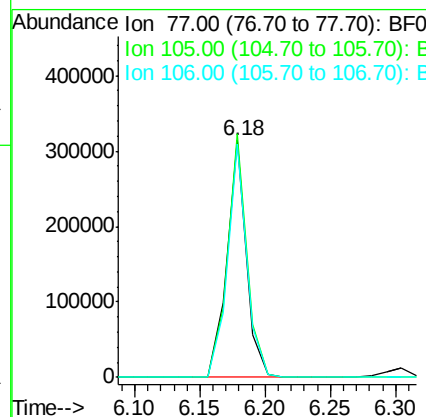
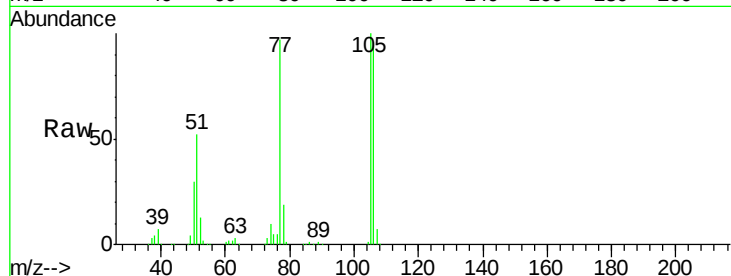
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	327926
Ion Ratio	Lower	Upper	
77	100		
105	102.8	83.0	123.0
106	98.7	74.6	114.6

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#10

Phenol

Concen: 34.00 ng

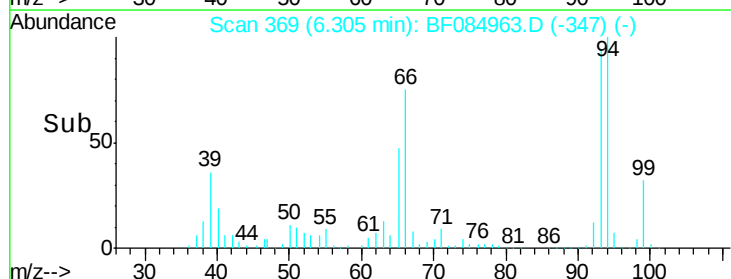
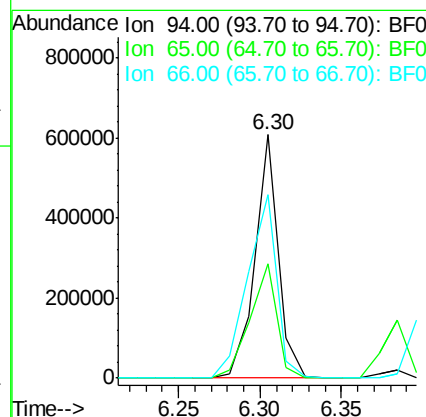
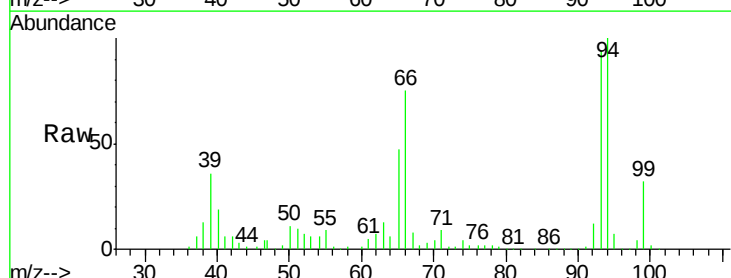
RT: 6.30 min Scan# 369

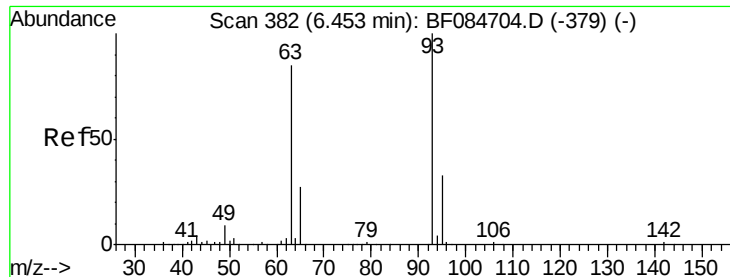
Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	94	Resp:	604938
Ion Ratio	Lower	Upper	
94	100		
65	47.1	12.9	52.9
66	75.2	32.7	72.7





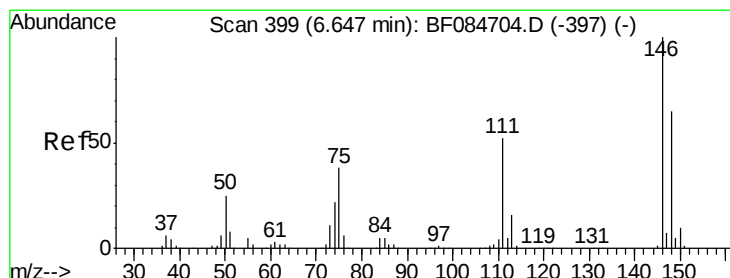
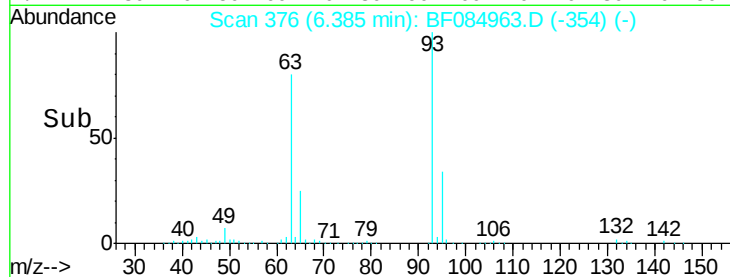
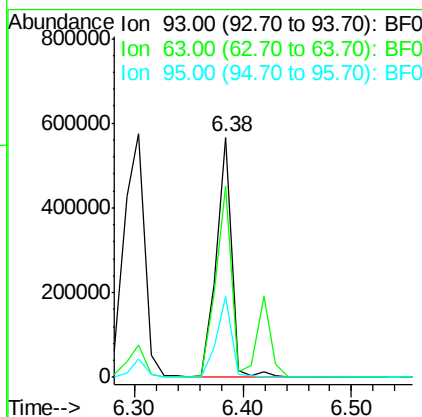
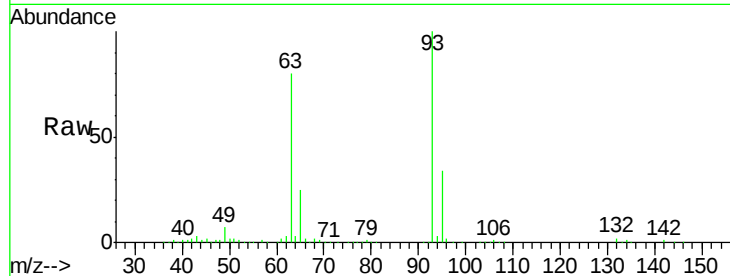
#11
 bis(2-Chloroethyl)ether
 Concen: 40.90 ng
 RT: 6.38 min Scan# 376
 Delta R.T. -0.05 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	93	Resp:	567369
Ion Ratio	Lower	Upper	
93	100		
63	79.7	45.9	85.9
95	33.5	12.3	52.3

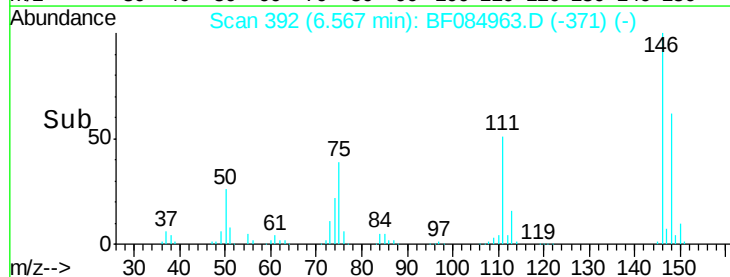
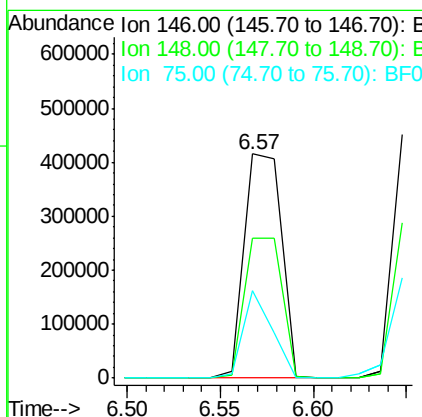
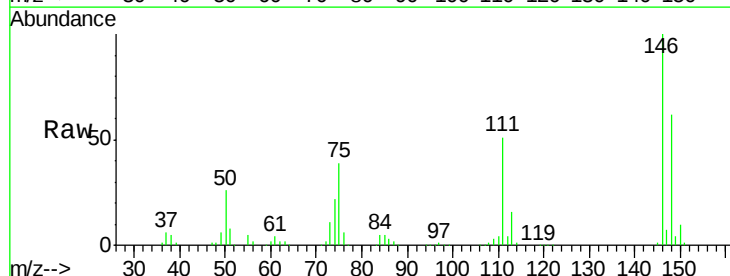
Manual Integrations
 APPROVED

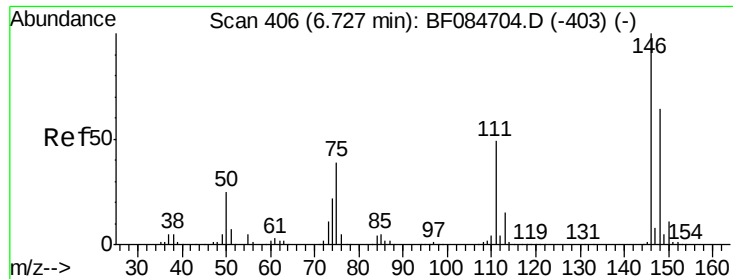
Sohil
 2/10/2016 1:45:09 PM



#12
 1,3-Dichlorobenzene
 Concen: 37.43 ng
 RT: 6.57 min Scan# 392
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion:	146	Resp:	573407
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.9	77.9
75	39.2	20.5	30.7#





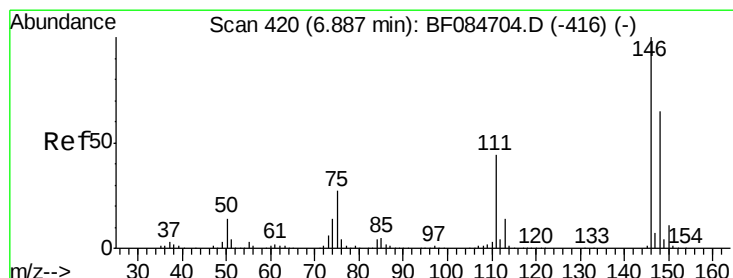
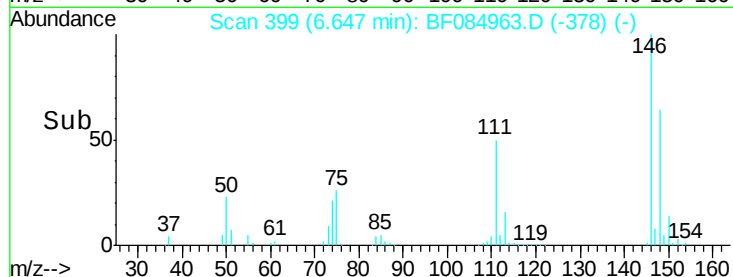
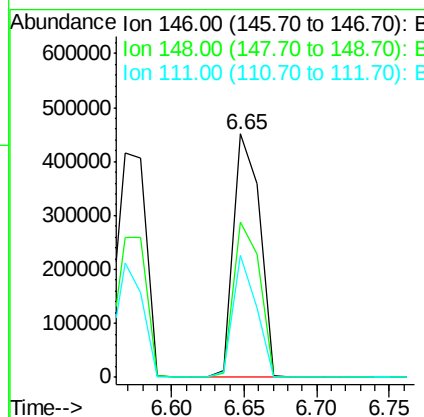
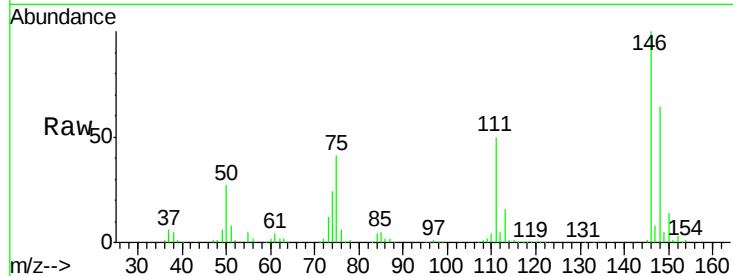
#13
 1,4-Dichlorobenzene
 Concen: 37.12 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		568469		
148	63.5	51.9	77.9		
111	50.0	41.6	62.4		

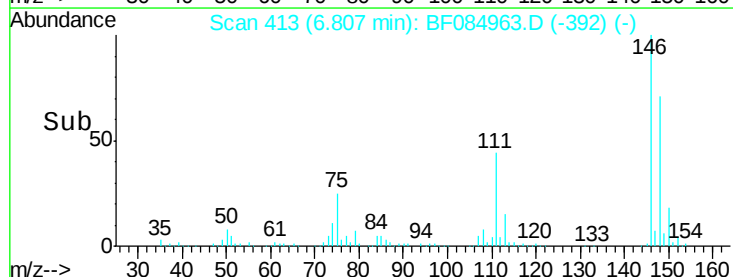
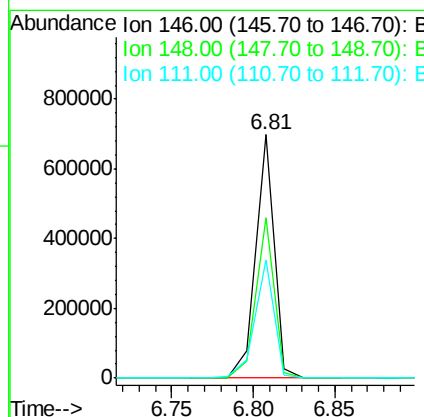
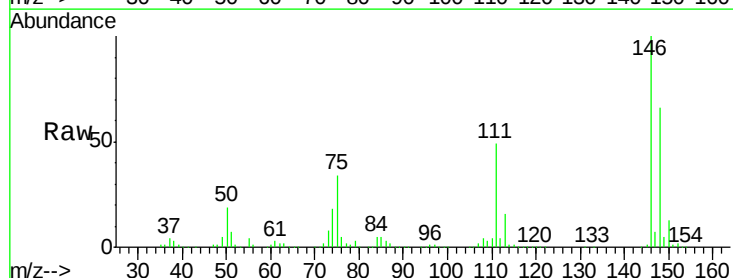
Manual Integrations
 APPROVED

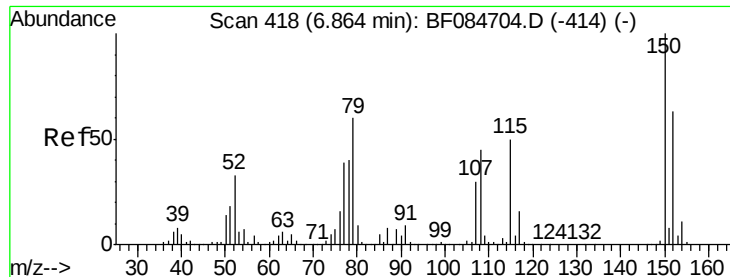
Sohil
 2/10/2016 1:45:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.66 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		551442		
148	65.8	51.6	77.4		
111	48.5	38.0	57.0		





#15

Benzyl Alcohol

Concen: 39.40 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 79 Resp: 432036

Ion Ratio Lower Upper

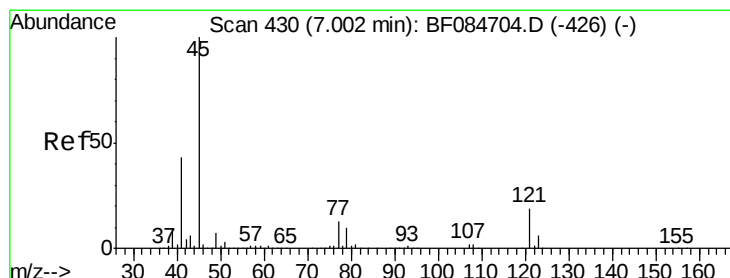
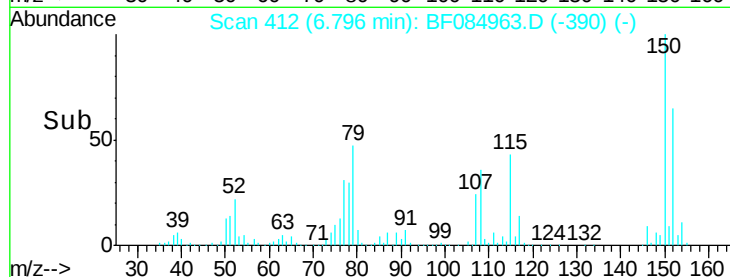
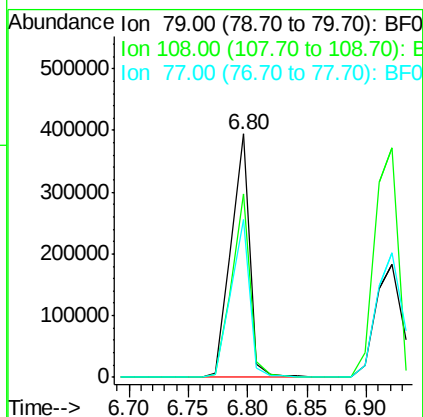
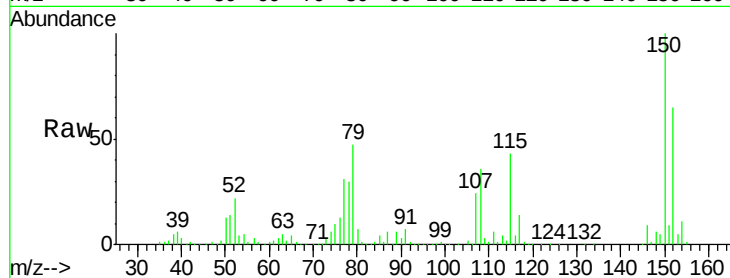
79 100

108 75.3 69.0 103.4

77 64.9 50.0 75.0

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.06 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

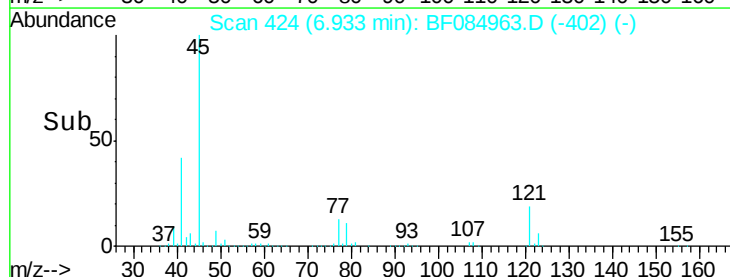
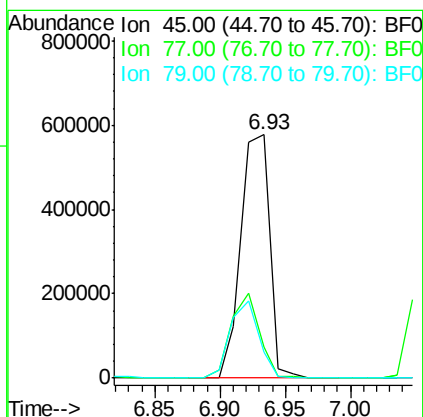
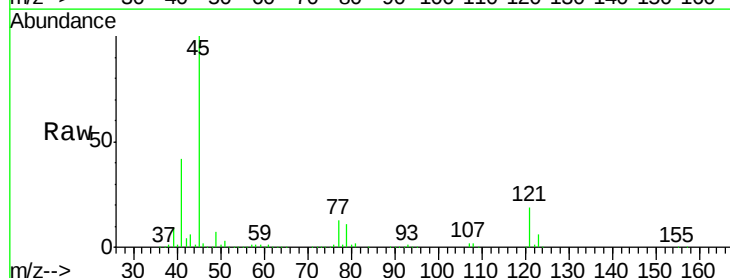
Tgt Ion: 45 Resp: 888125

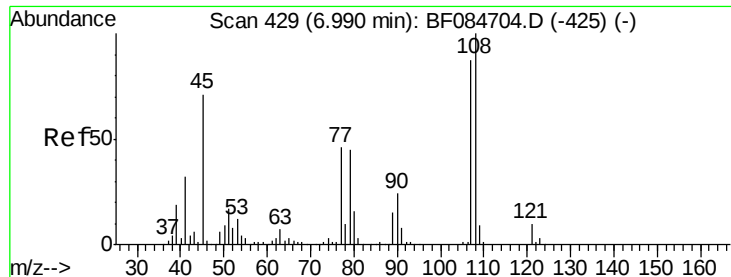
Ion Ratio Lower Upper

45 100

77 13.0 0.0 39.6

79 10.6 0.0 35.0





#17

2-Methylphenol

Concen: 38.32 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

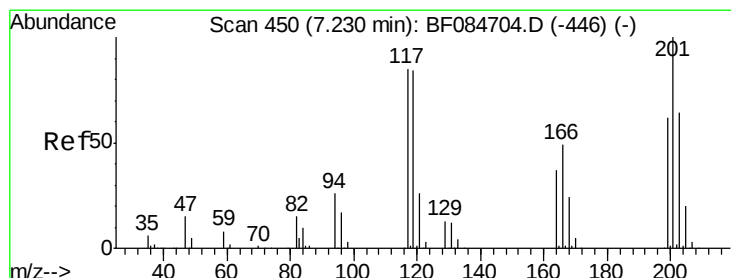
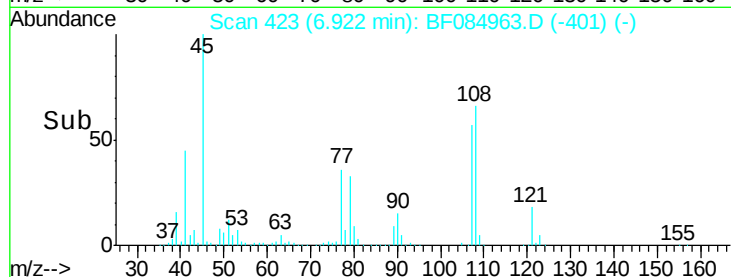
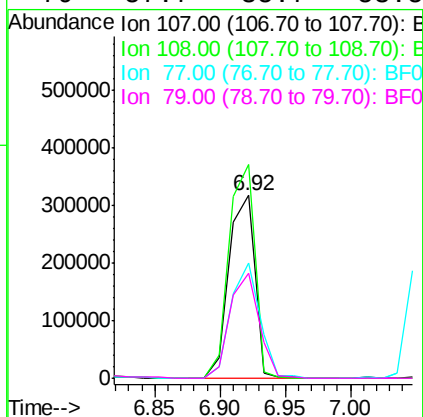
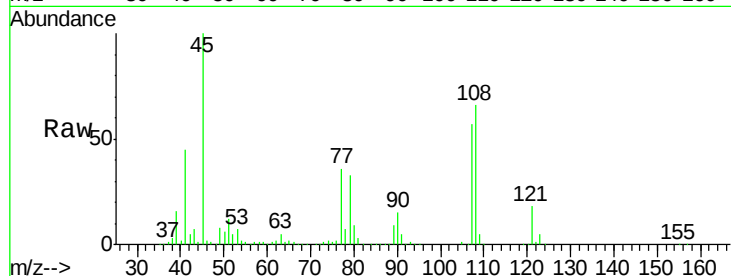
ClientSampled :

SSTDCCC040

Tot Ion:	107	Resp:	439491
Ion Ratio	Lower	Upper	
107	100		
108	116.8	89.8	134.6
77	63.4	35.7	53.5#
79	57.7	35.7	53.5#

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#18

Hexachloroethane

Concen: 38.64 ng

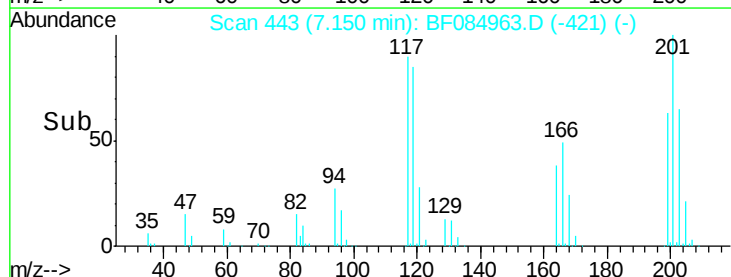
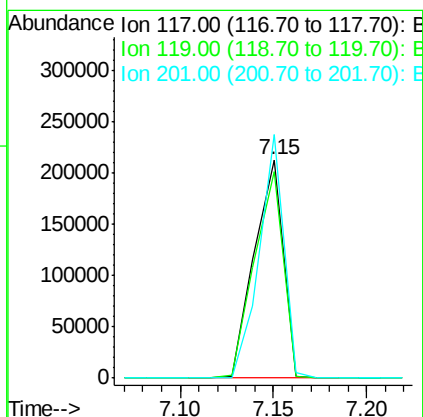
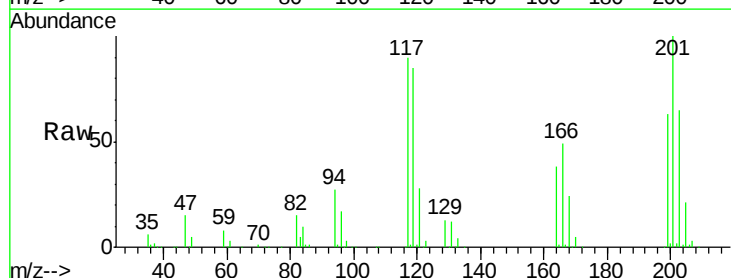
RT: 7.15 min Scan# 443

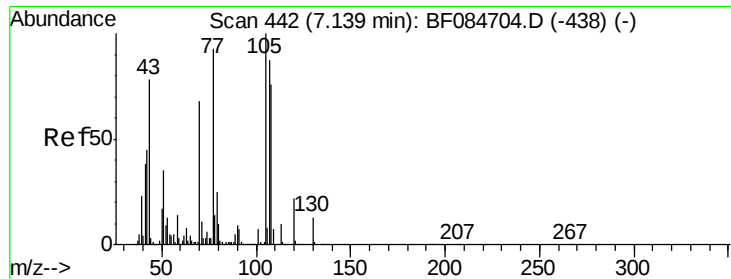
Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	117	Resp:	227867
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.4	116.0
201	111.5	68.6	103.0#





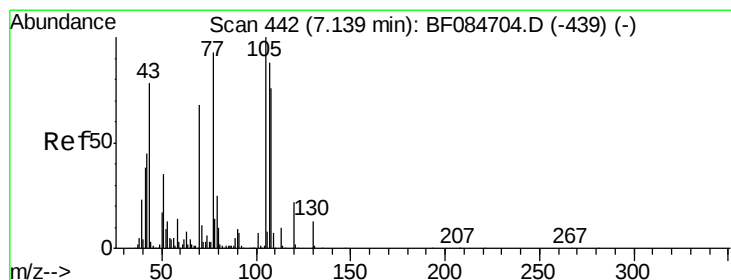
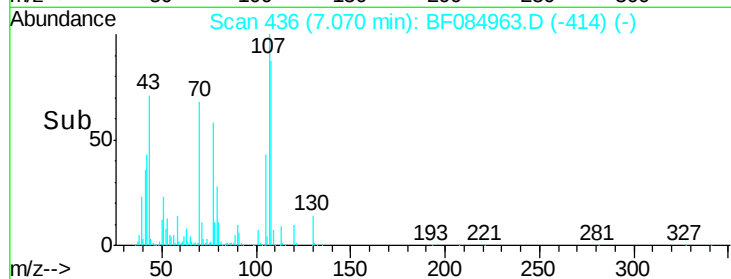
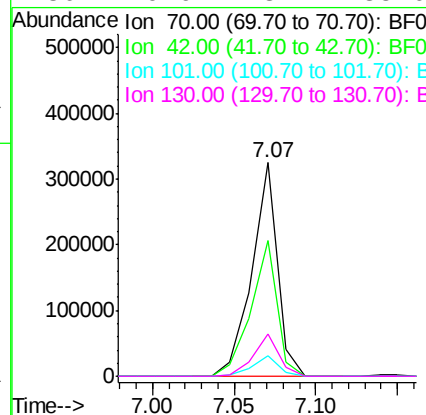
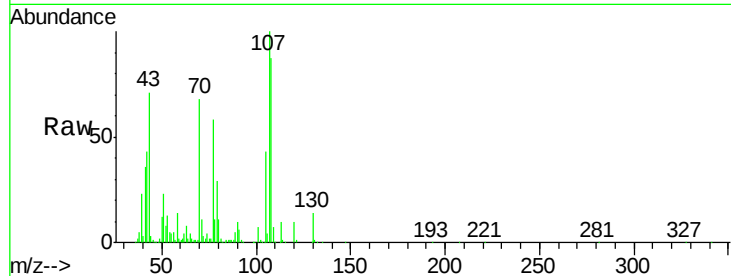
#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	63.5	33.3	49.9#
101	9.7	9.3	13.9
130	19.9	23.4	35.0#

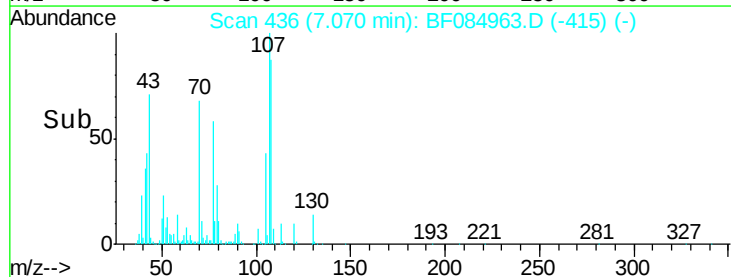
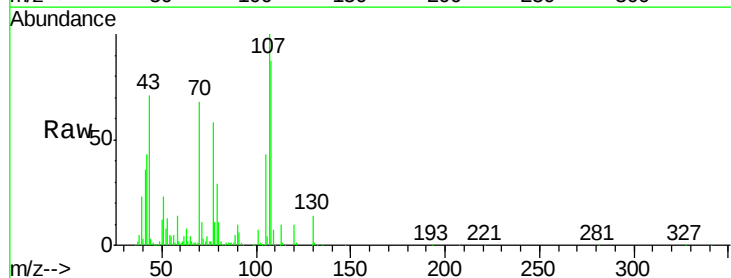
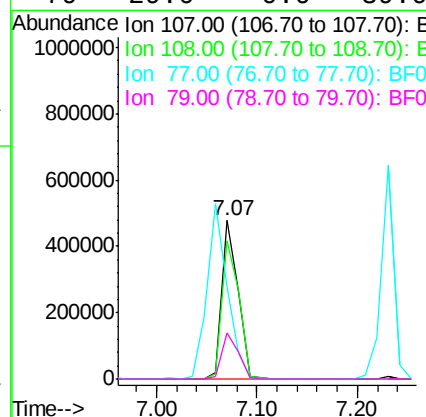
Manual Integrations
APPROVED

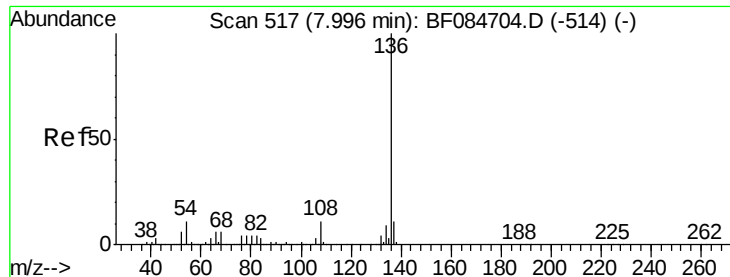
Sohil
2/10/2016 1:45:09 PM



#20
3+4-Methylphenols
Concen: 37.45 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.0	74.6	114.6
77	58.5	0.7	40.7#
79	29.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

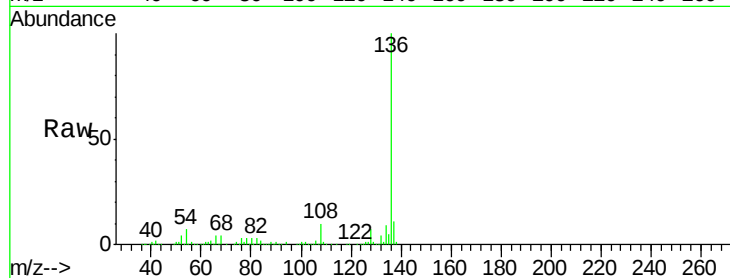
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		816263		
137	11.0		8.7	13.1	
54	7.3		5.8	8.8	
68	4.2		4.2	6.2	

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



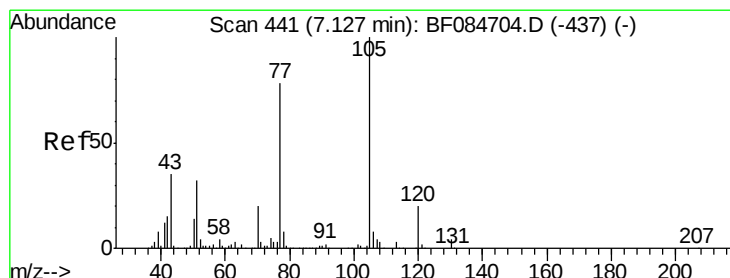
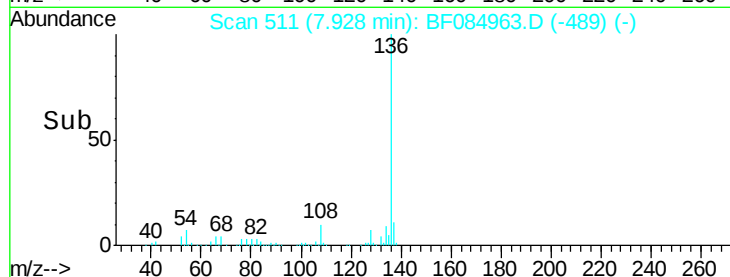
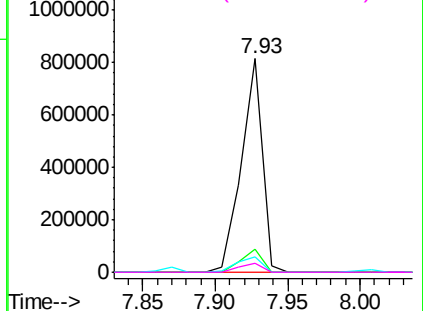
Abundance

Ion 136.00 (135.70 to 136.70): E

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: 35.69 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		767856		
71	3.2		3.7	5.5#	
51	32.4		25.1	37.7	
120	20.5		16.6	25.0	

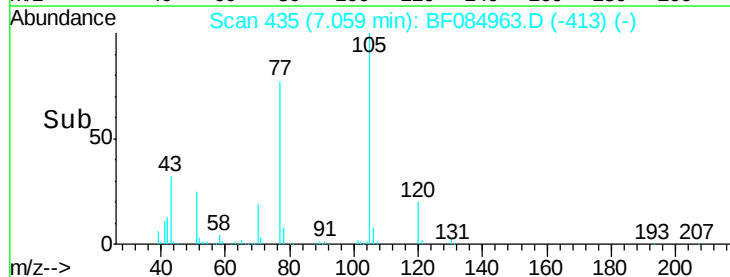
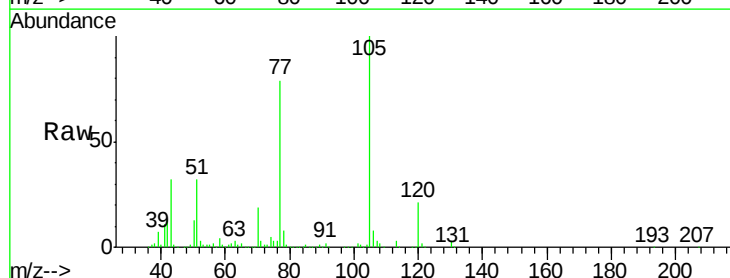
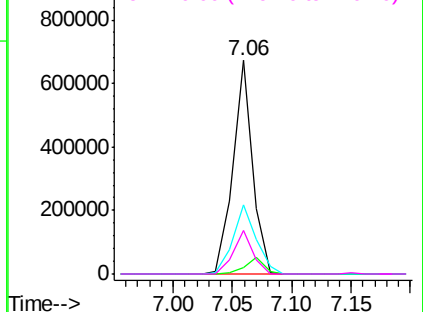
Abundance

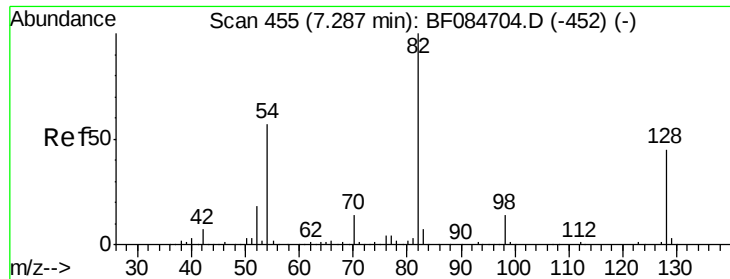
Ion 105.00 (104.70 to 105.70): E

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





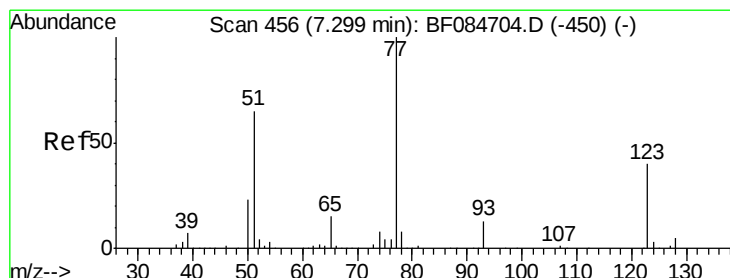
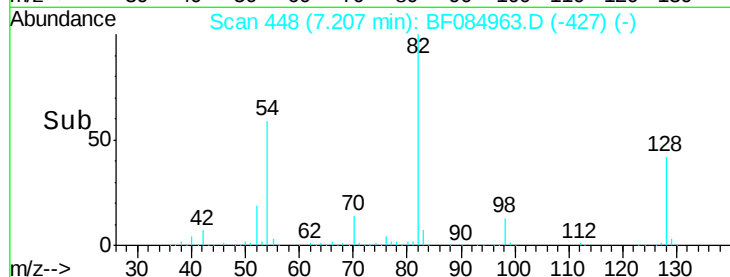
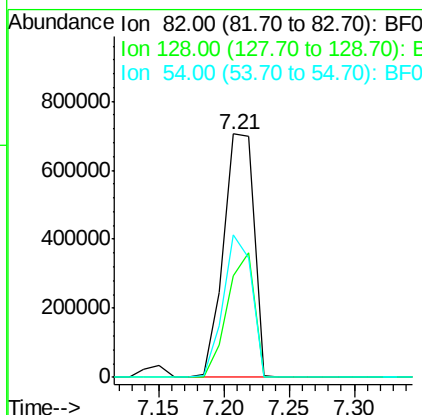
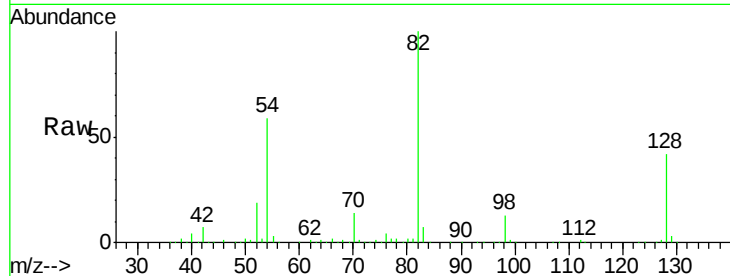
#23
 Nitrobenzene-d5
 Concen: 78.84 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1142362
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 58.6 38.4 57.6#

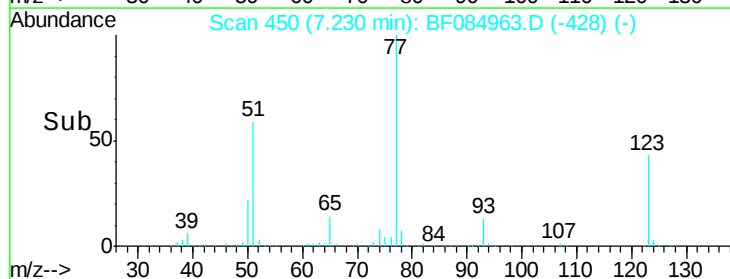
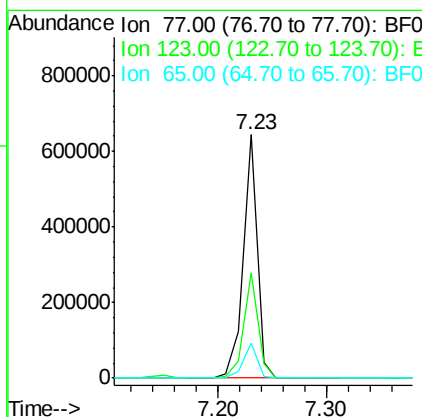
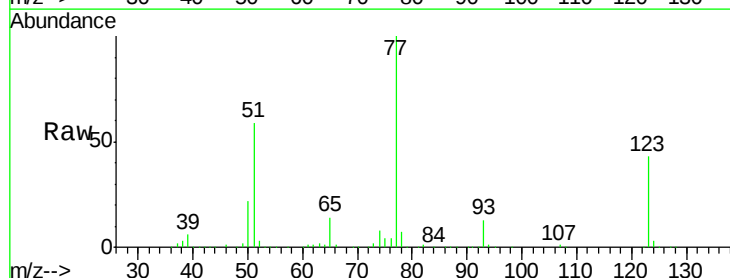
Manual Integrations
 APPROVED

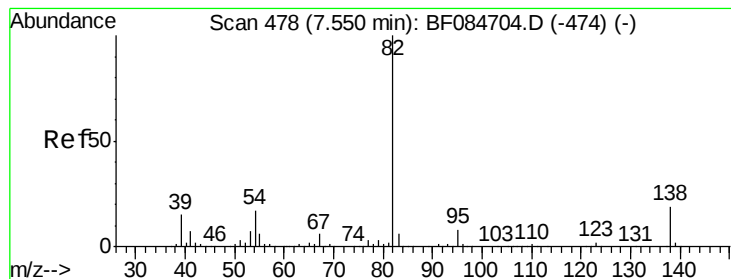
Sohil
 2/10/2016 1:45:09 PM



#24
 Nitrobenzene
 Concen: 36.55 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion: 77 Resp: 567170
 Ion Ratio Lower Upper
 77 100
 123 43.4 37.4 56.2
 65 14.5 10.9 16.3





#25

Isophorone

Concen: 37.92 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1068359

Ion Ratio Lower Upper

82 100

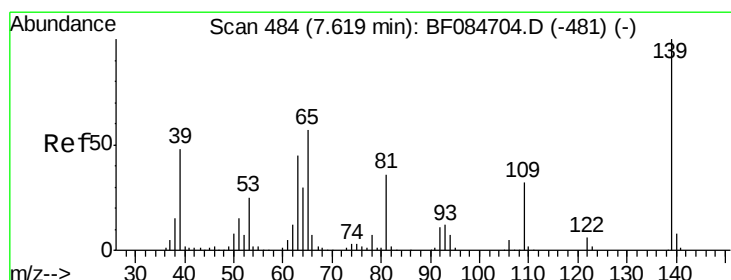
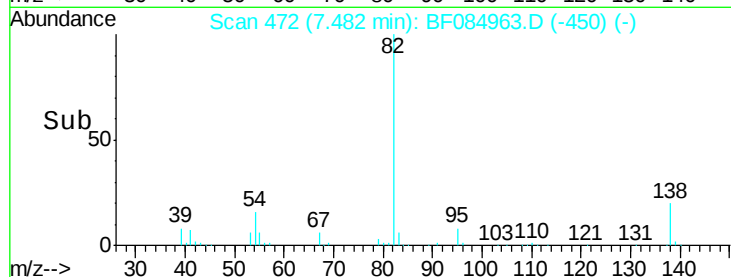
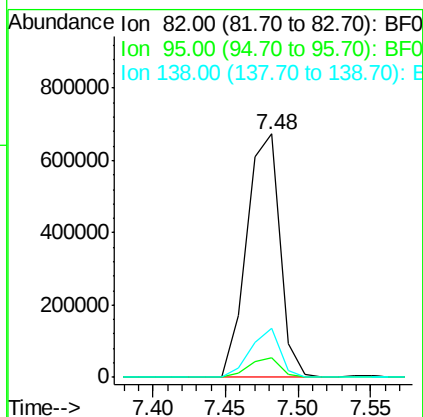
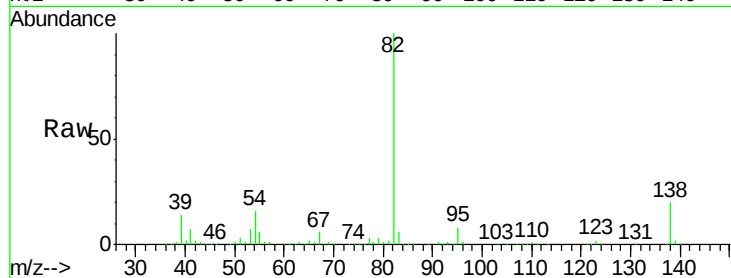
95 7.9 6.6 10.0

138 20.1 13.6 20.4

Manual Integrations
APPROVED

Sohil

2/10/2016 1:45:09 PM



#26

2-Nitrophenol

Concen: 41.59 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

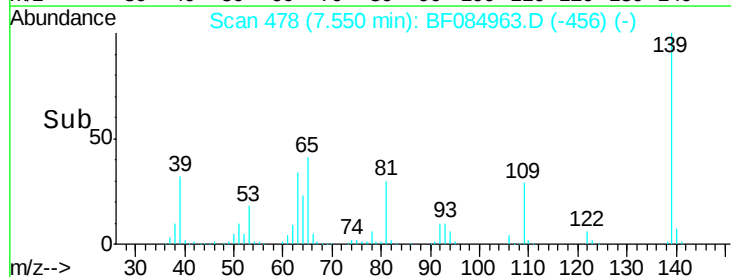
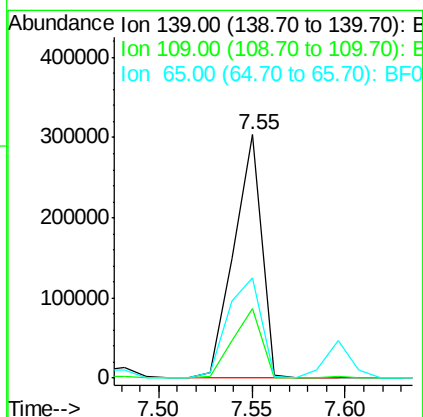
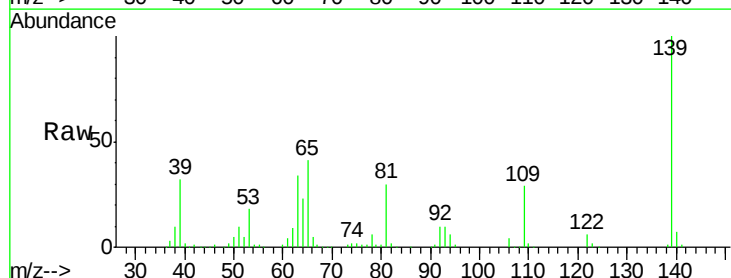
Tgt Ion: 139 Resp: 318289

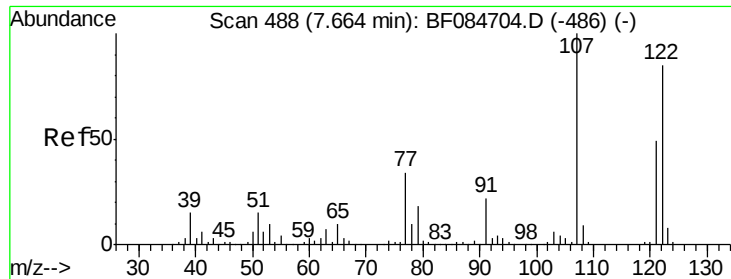
Ion Ratio Lower Upper

139 100

109 28.7 25.4 38.2

65 41.2 32.3 48.5





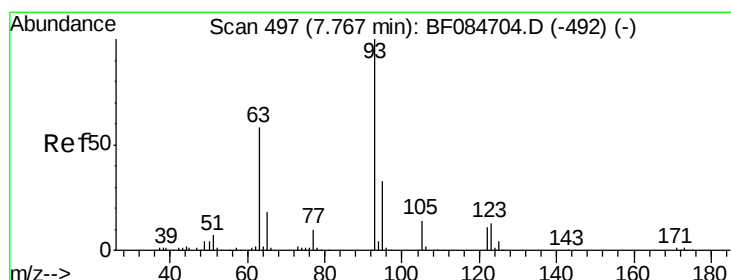
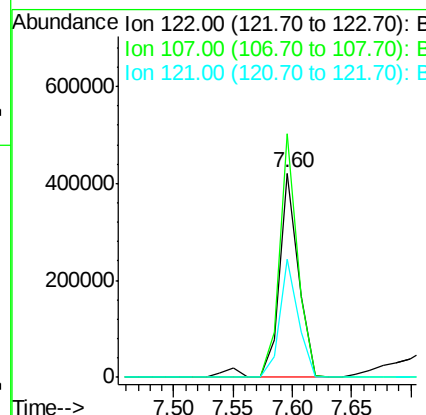
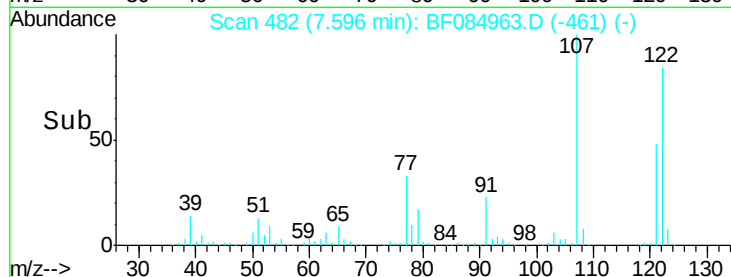
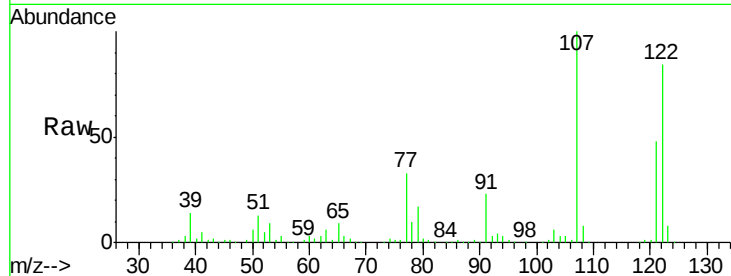
#27
 2,4-Dimethylphenol
 Concen: 36.23 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	482313
Ion Ratio	Lower	Upper	
122	100		
107	119.1	99.1	148.7
121	57.7	47.9	71.9

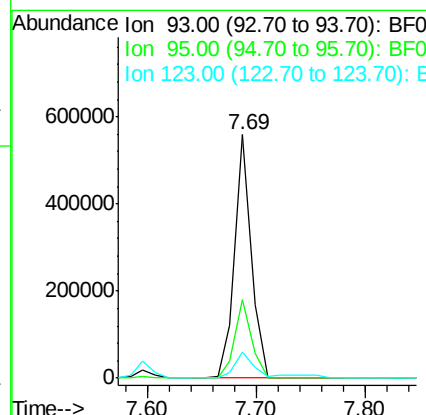
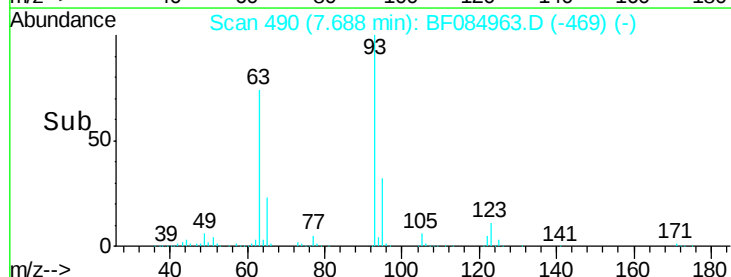
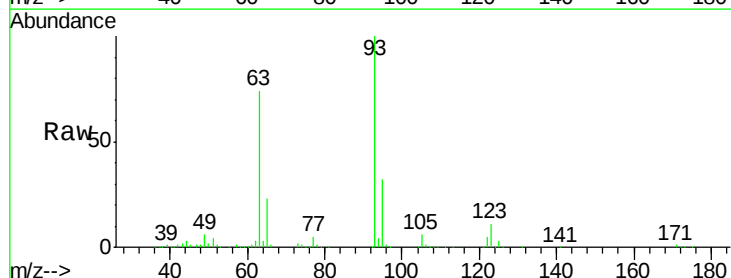
Manual Integrations
 APPROVED

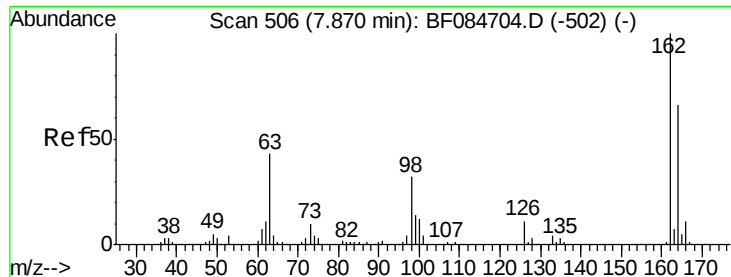
Sohil
 2/10/2016 1:45:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.05 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion:	93	Resp:	585925
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.8	38.6
123	10.5	8.6	12.8





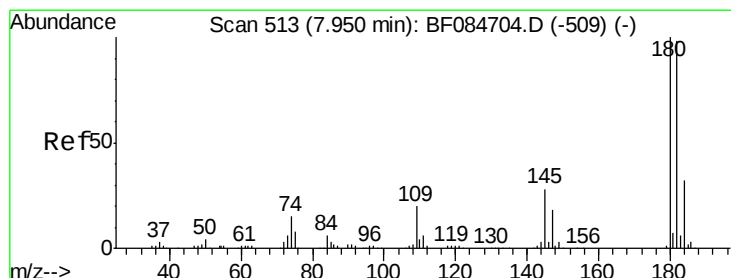
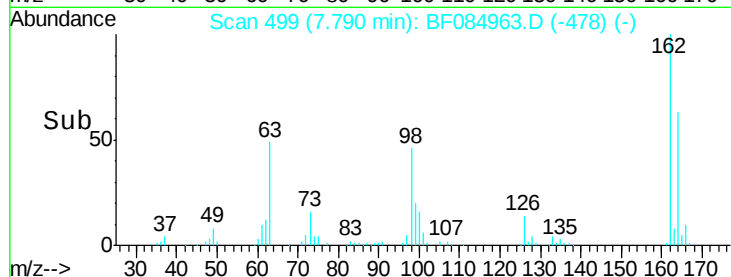
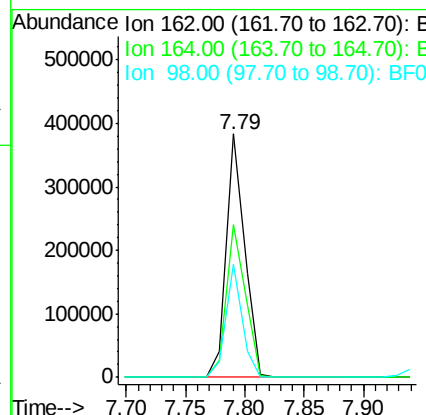
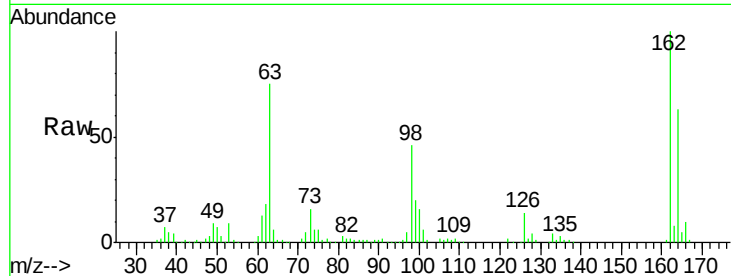
#29
 2,4-Dichlorophenol
 Concen: 35.92 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	409128		
164	62.6		44.1	84.1
98	46.4		20.2	60.2

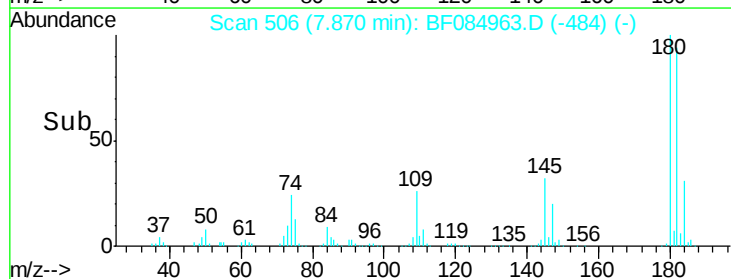
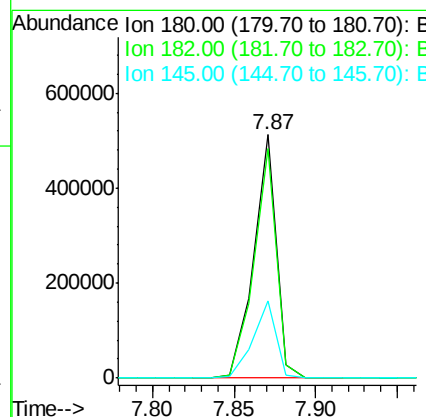
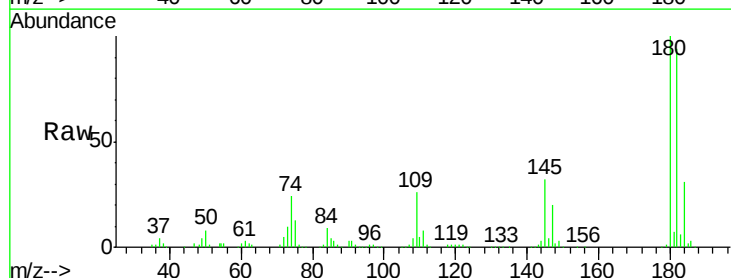
Manual Integrations
 APPROVED

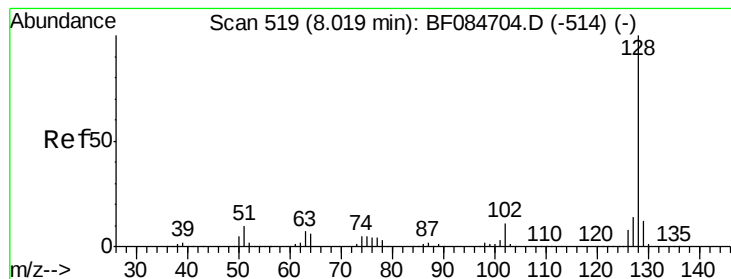
Sohil
 2/10/2016 1:45:09 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	489223		
182	94.3		76.4	114.6
145	31.8		31.6	47.4





#31

Naphthalene

Concen: 39.14 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

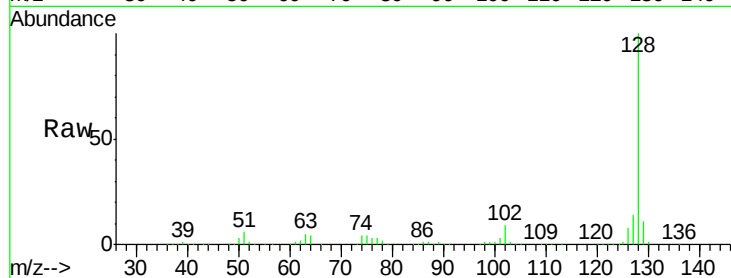
ClientSampleId :

SSTDCCC040

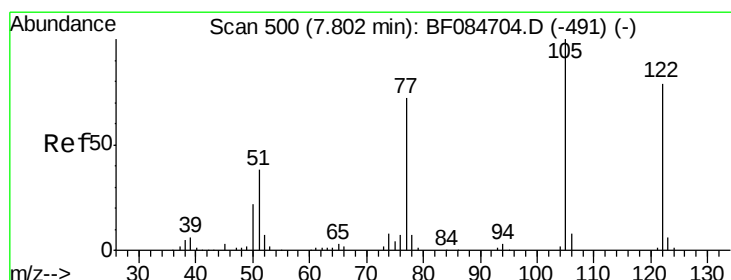
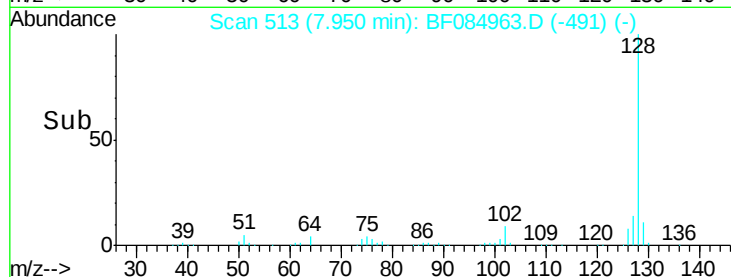
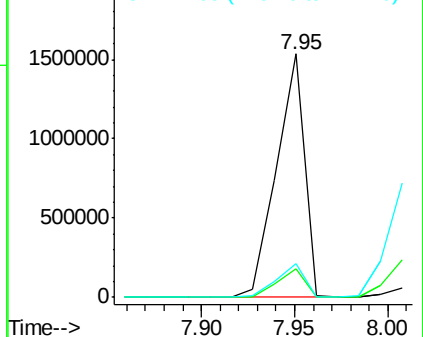
Tot Ion:	128	Resp:	1602720
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.8	11.1	16.7

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



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



#32

Benzoic acid

Concen: 43.78 ng

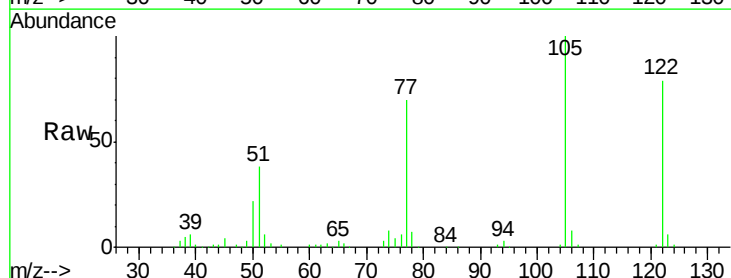
RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

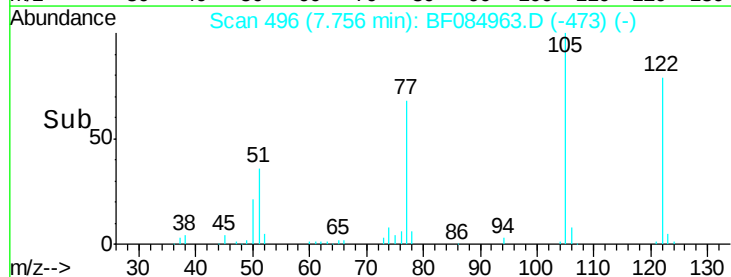
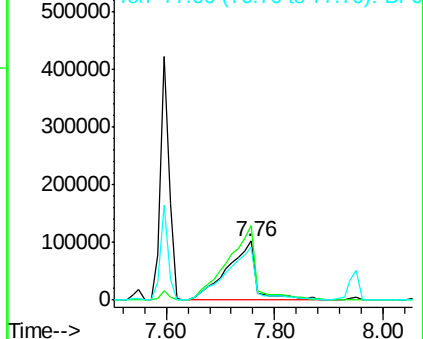
Lab File: BF084963.D

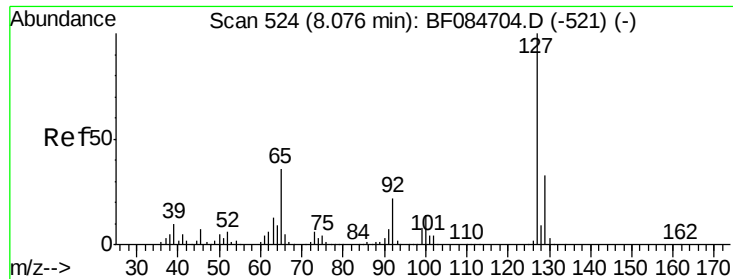
Acq: 9 Feb 2016 20:25

Tgt Ion:	122	Resp:	372767
Ion	Ratio	Lower	Upper
122	100		
105	127.3	100.3	140.3
77	89.1	63.5	103.5



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





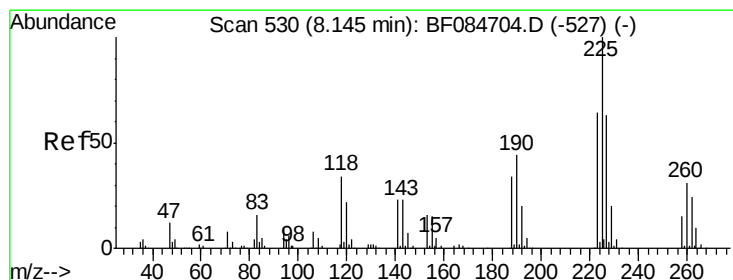
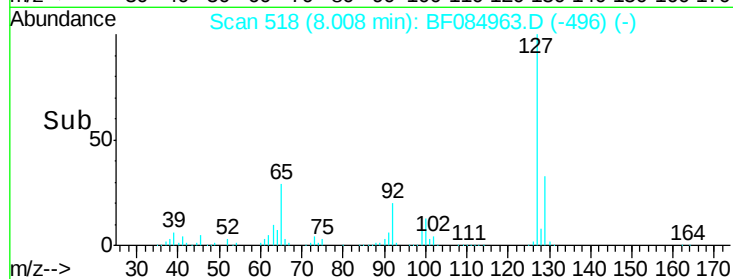
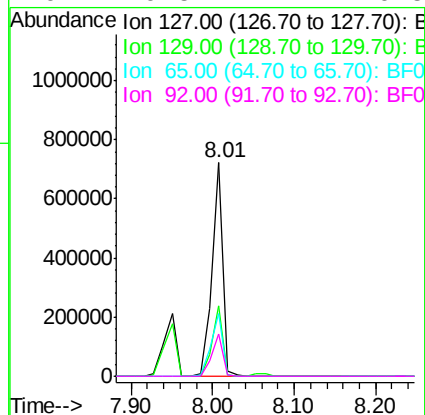
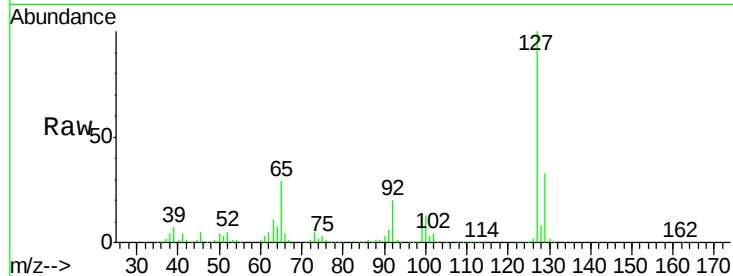
#33
4-Chloroaniline
Concen: 40.18 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		680375		
129	33.2	26.5	39.7		
65	29.1	27.2	40.8		
92	19.5	17.7	26.5		

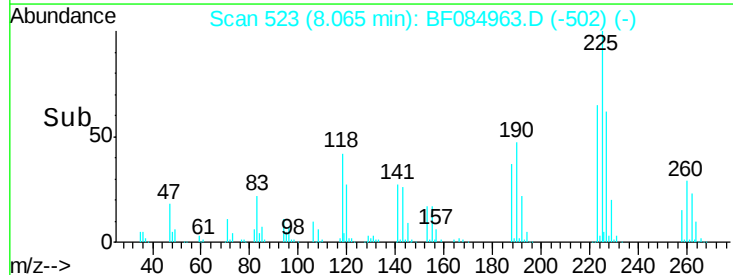
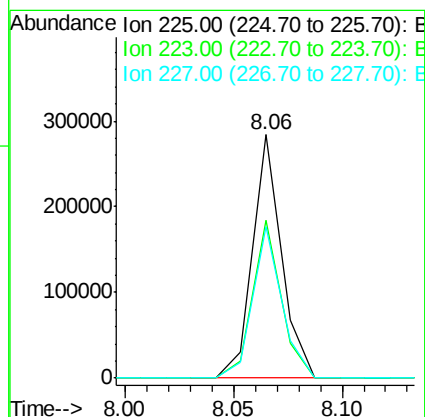
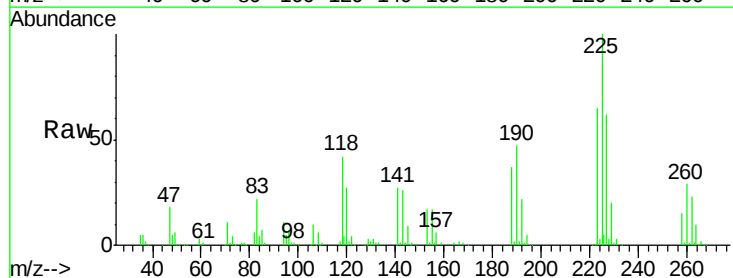
Manual Integrations
APPROVED

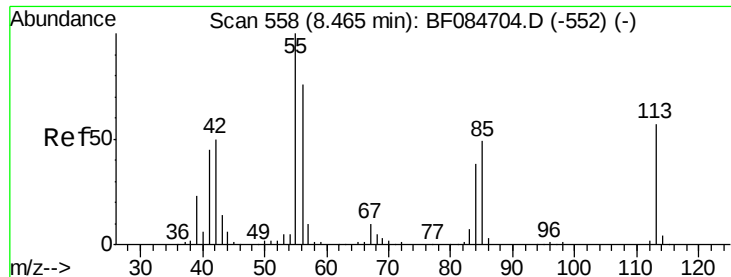
Sohil
2/10/2016 1:45:09 PM



#34
Hexachlorobutadiene
Concen: 35.36 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		262323		
223	64.9	49.4	74.0		
227	62.4	50.8	76.2		





#35

Caprolactam

Concen: 36.49 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 128091
Ion Ratio Lower Upper

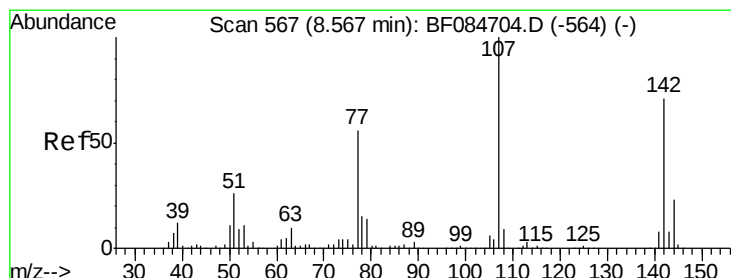
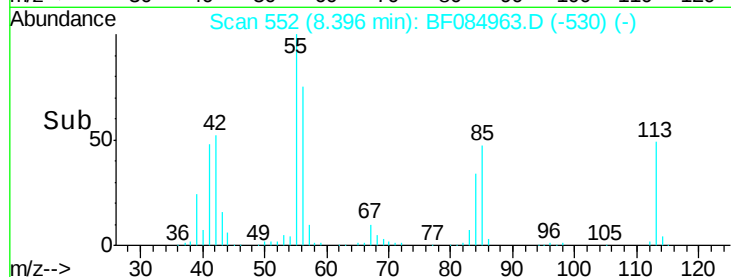
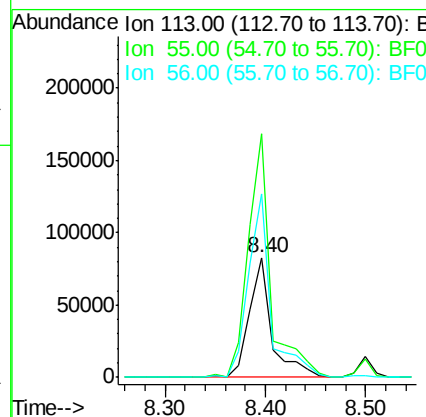
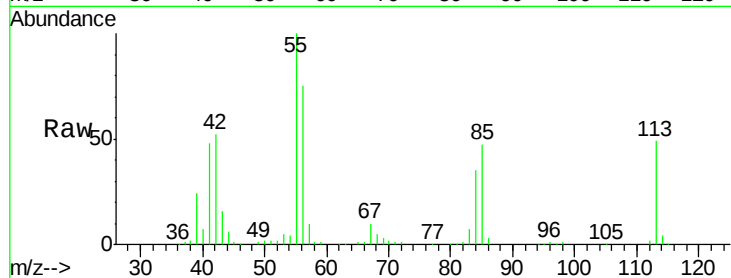
113 100

55 203.1 116.9 156.9#

56 152.9 93.8 133.8#

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#36

4-Chloro-3-methylphenol

Concen: 35.81 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF084963.D

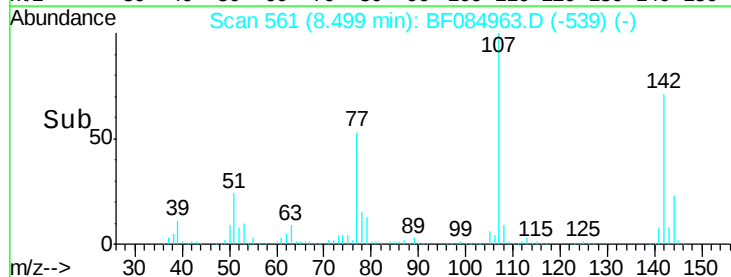
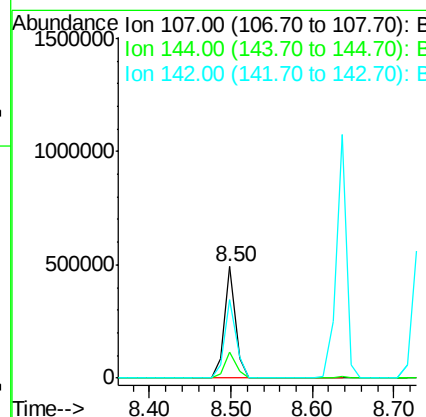
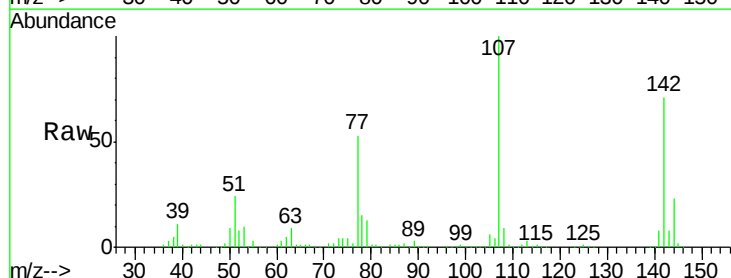
Acq: 9 Feb 2016 20:25

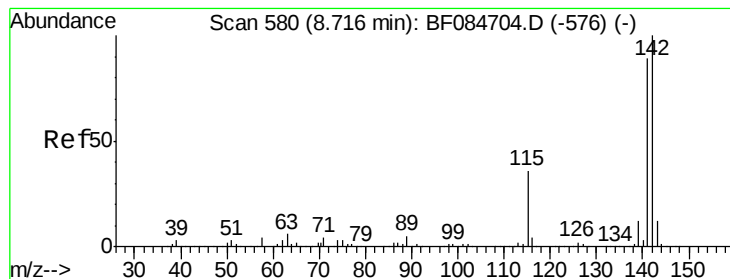
Tgt Ion:107 Resp: 465243
Ion Ratio Lower Upper

107 100

144 23.2 19.7 29.5

142 70.8 61.8 92.6





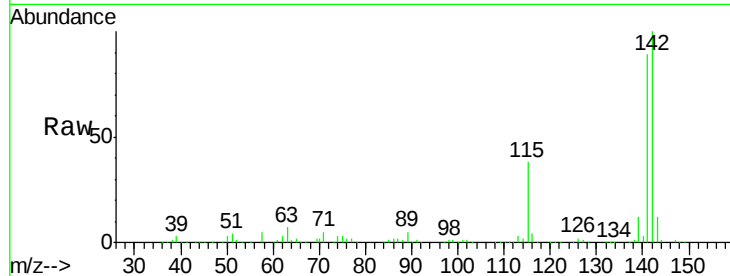
#37
2-Methylnaphthalene
Concen: 37.25 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

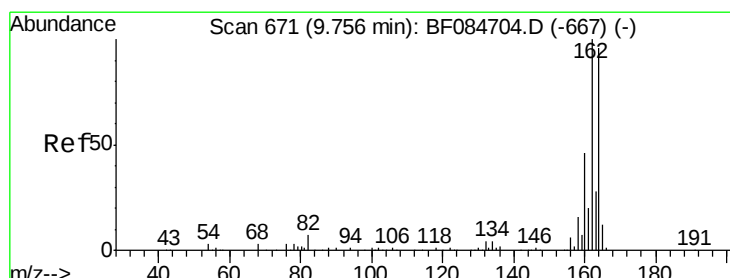
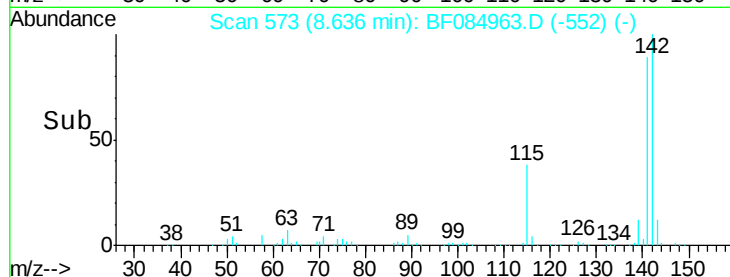
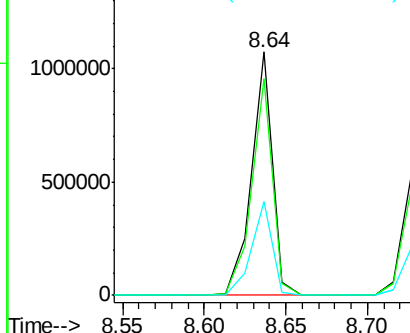
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.4	108.6
115	38.3	27.9	41.9

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM

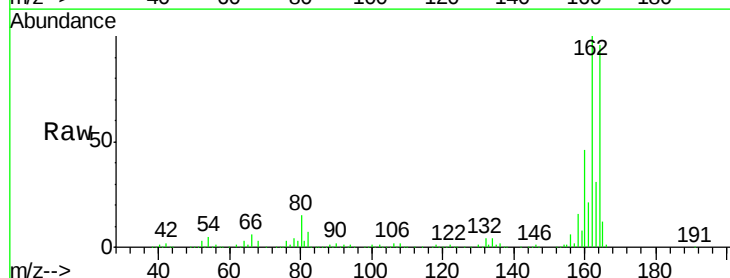


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

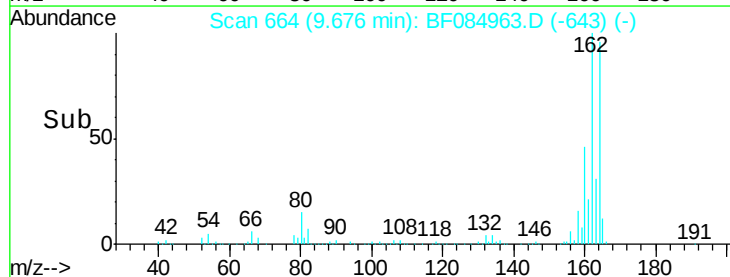
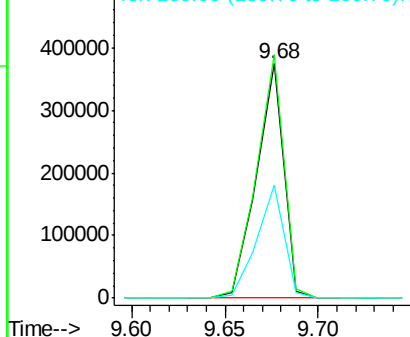


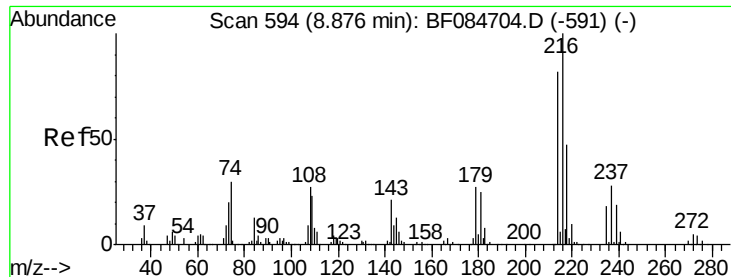
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	48.3	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.05 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

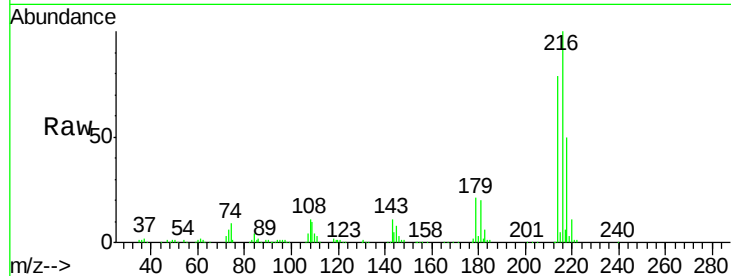
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	468020
Ion Ratio		Lower	Upper
216	100		
214	79.9	64.2	96.2
179	23.1	18.7	28.1
108	18.6	16.8	25.2

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM

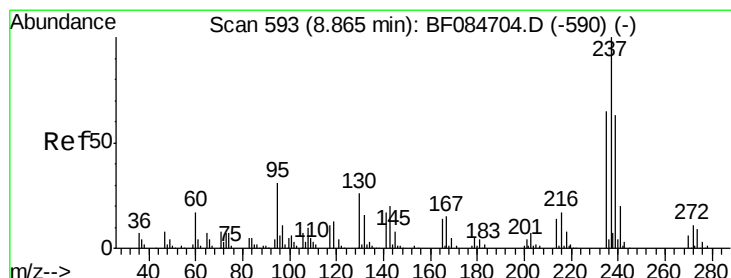
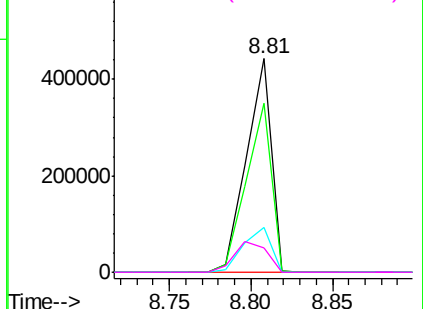
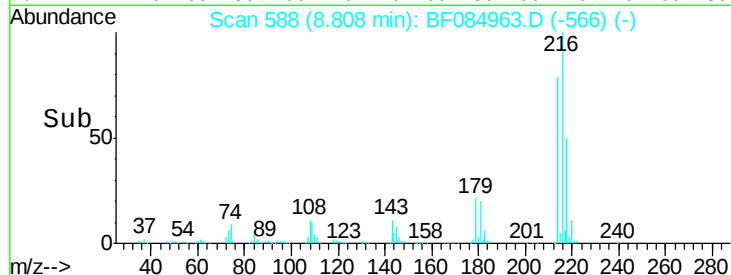


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.27 ng

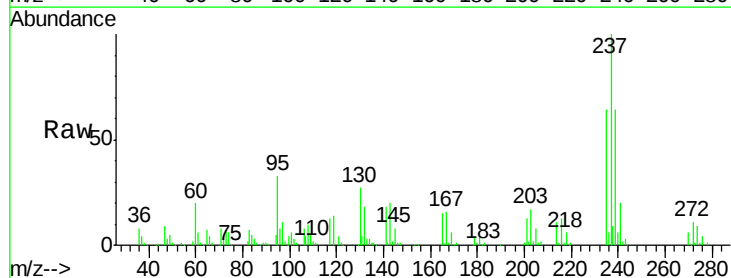
RT: 8.78 min Scan# 586

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

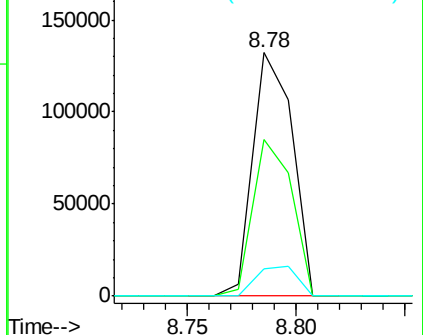
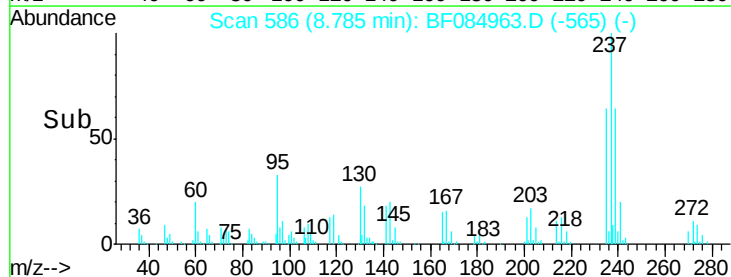
Tgt Ion:	237	Resp:	168357
Ion Ratio		Lower	Upper
237	100		
235	64.1	43.1	83.1
272	11.3	0.0	35.1

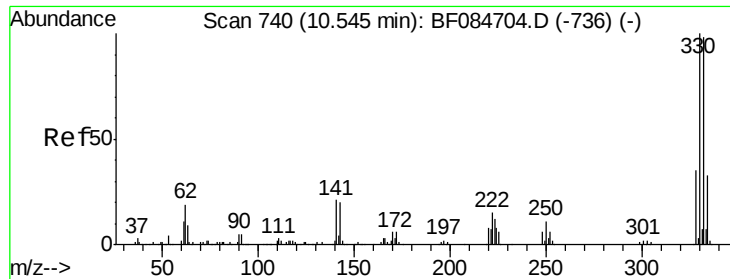


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





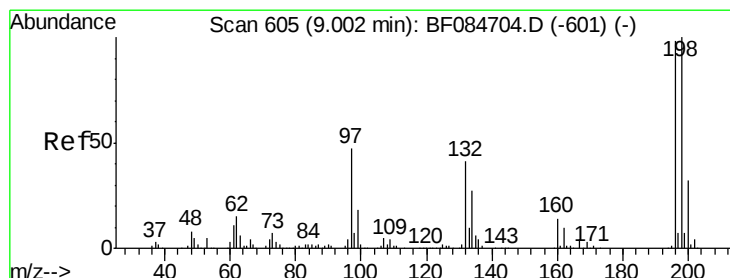
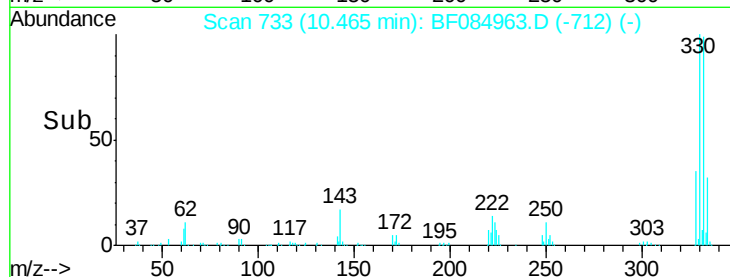
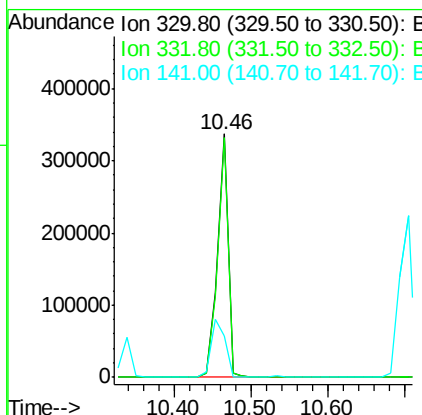
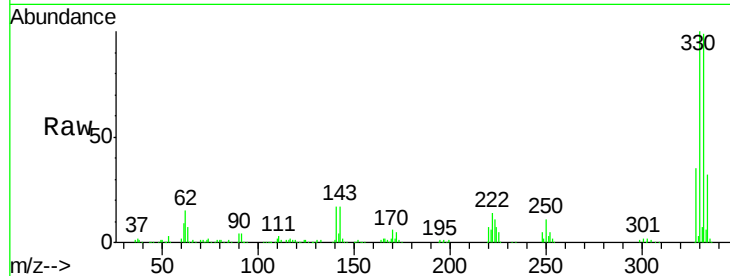
#41
 2,4,6-Tribromophenol
 Concen: 82.72 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	325637		
332	98.2	76.6	114.8	
141	31.3	27.8	41.6	

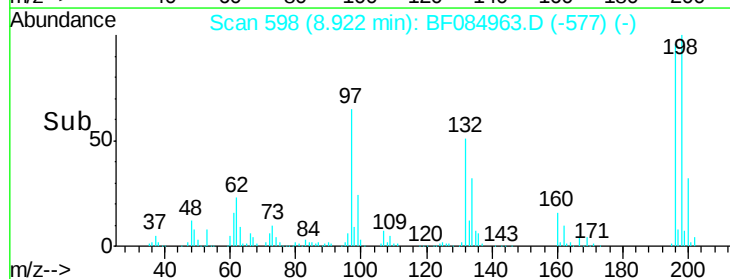
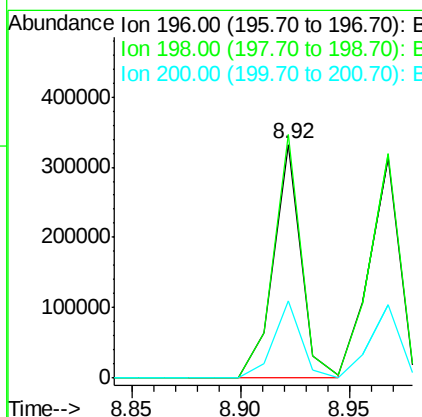
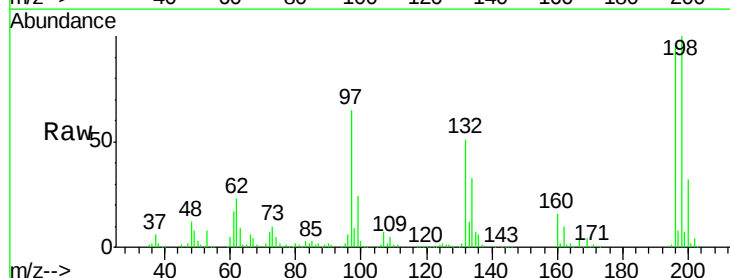
Manual Integrations
 APPROVED

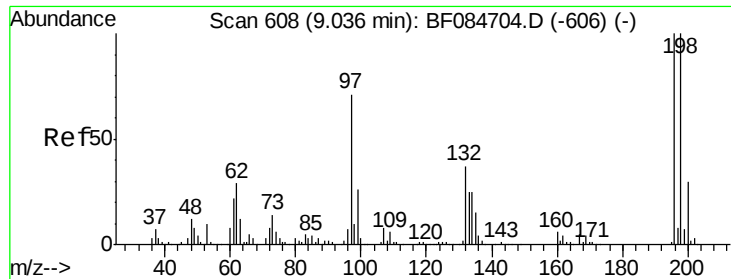
Sohil
 2/10/2016 1:45:09 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.35 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296174		
198	104.3	77.7	116.5	
200	32.9	24.6	37.0	





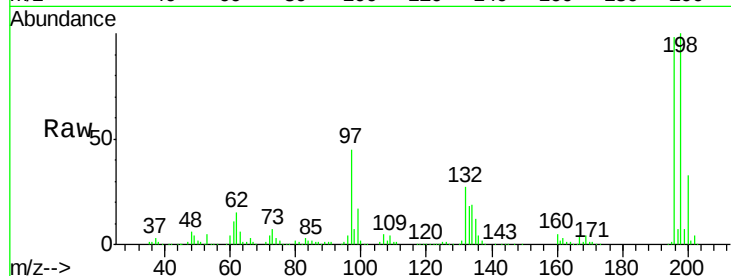
#43
 2,4,5-Trichlorophenol
 Concen: 39.14 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	307103
Ion Ratio	Lower	Upper	
196	100		
198	101.5	79.0	118.6
97	45.6	33.0	49.6
132	27.2	21.1	31.7

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:45:09 PM



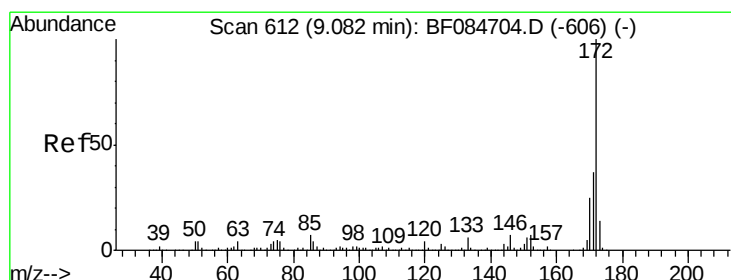
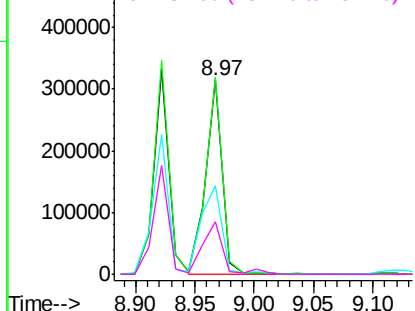
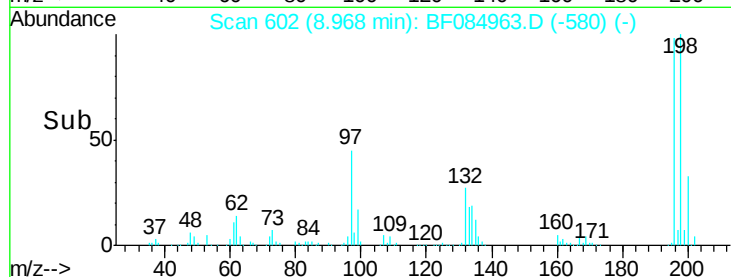
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

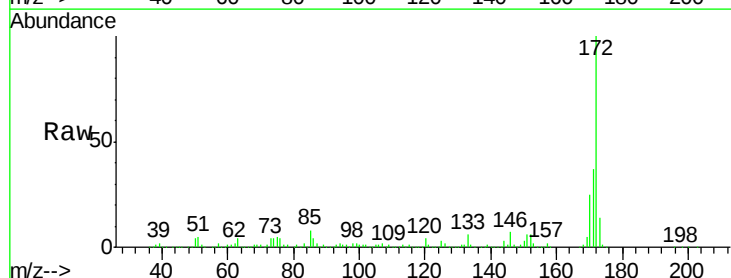
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.38 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	172	Resp	1687384
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.9	43.3
170	25.2	18.6	27.8

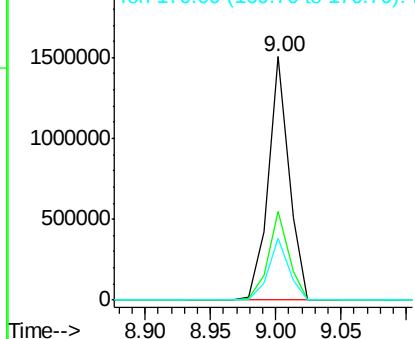
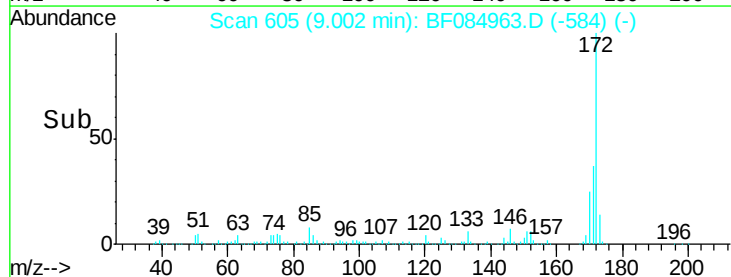


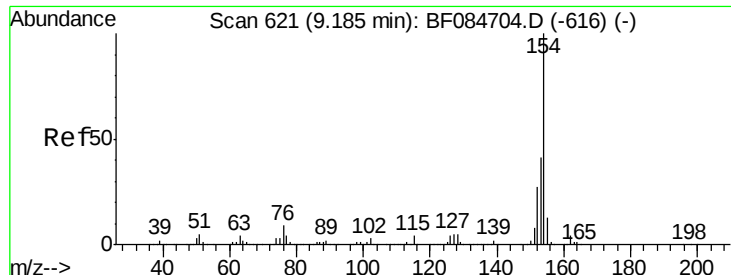
Abundance

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: 40.17 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1354123

Ion Ratio Lower Upper

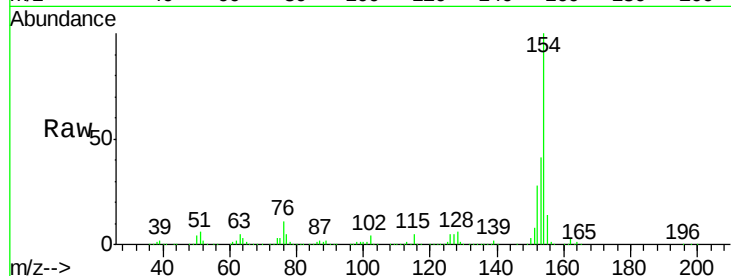
154 100

153 41.3 21.6 61.6

76 10.5 0.0 32.7

Manual Integrations
APPROVED

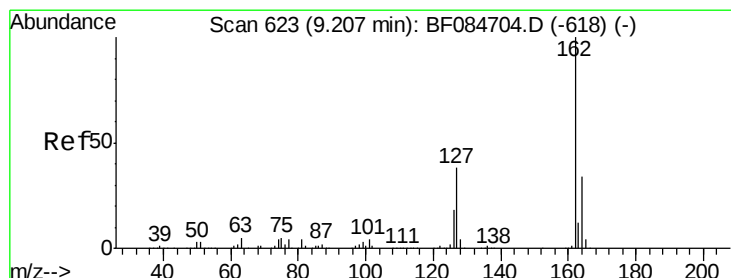
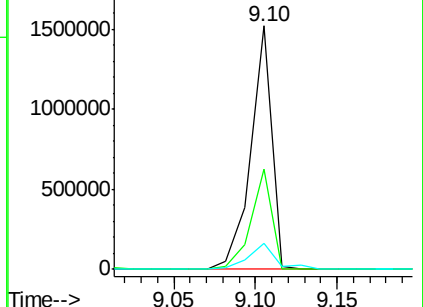
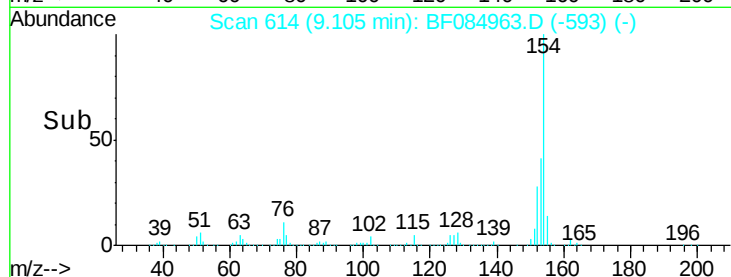
Sohil
2/10/2016 1:45:09 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.40 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

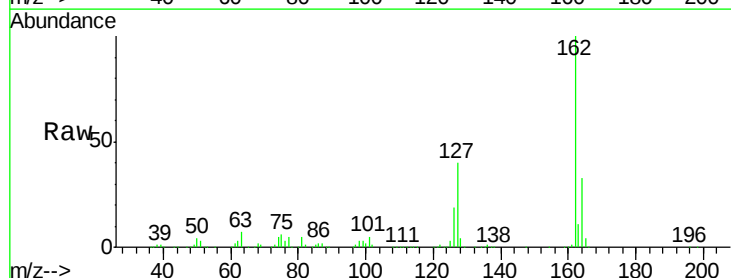
Tgt Ion:162 Resp: 977984

Ion Ratio Lower Upper

162 100

127 39.8 40.2 60.4#

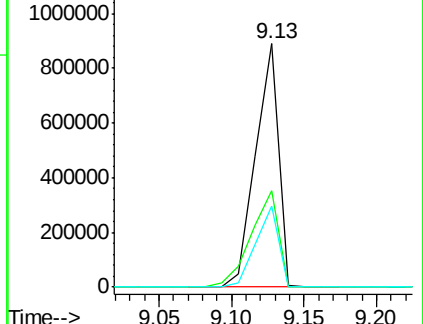
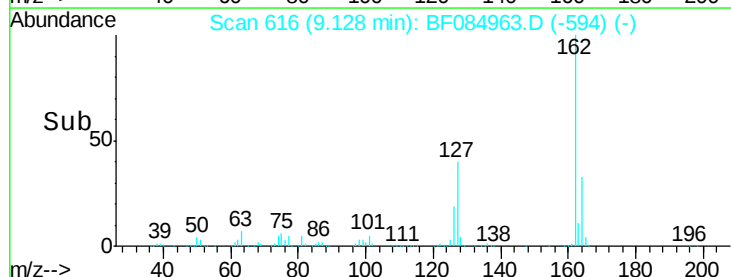
164 33.2 25.7 38.5

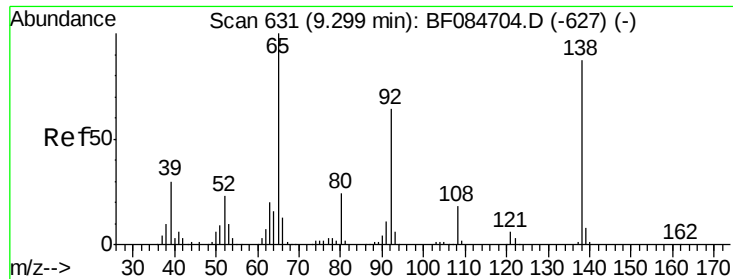


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





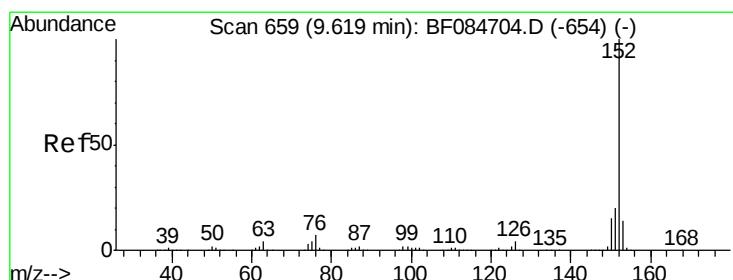
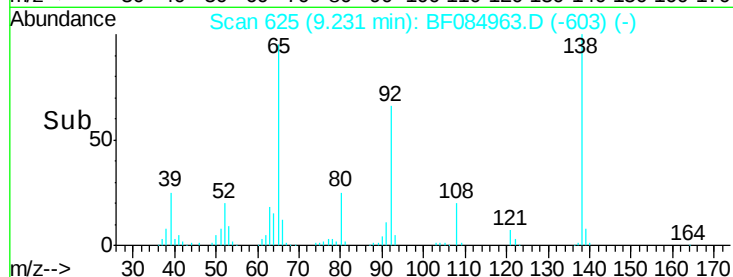
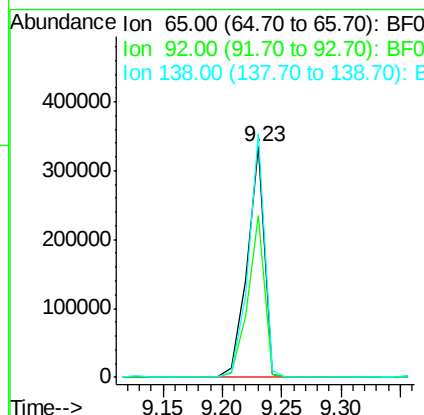
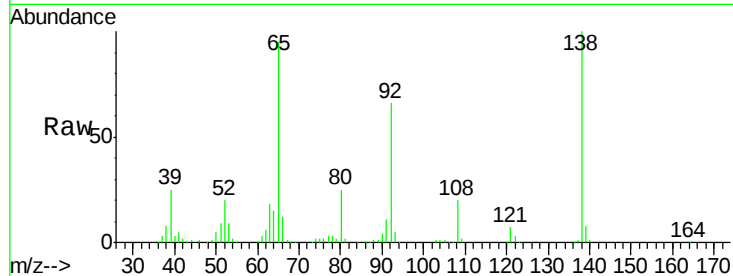
#47
2-Nitroaniline
Concen: 43.03 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.4	80.2
138	105.6	71.1	106.7

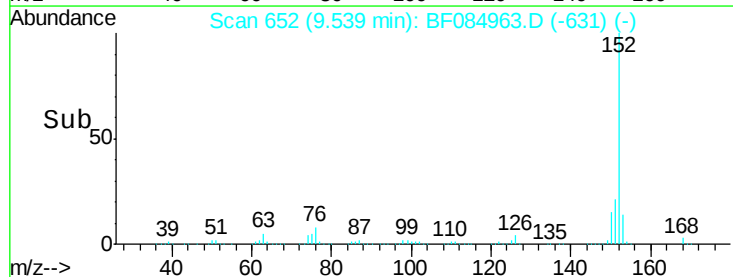
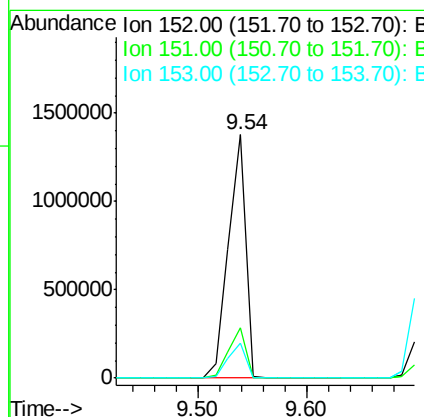
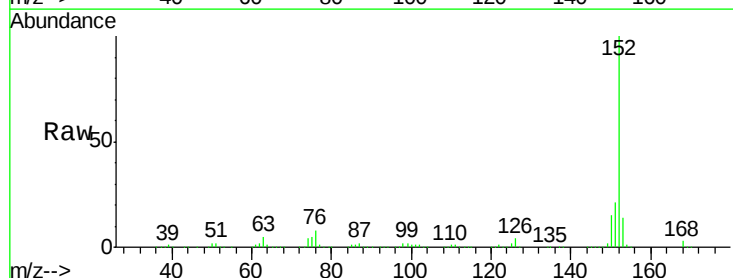
Manual Integrations
APPROVED

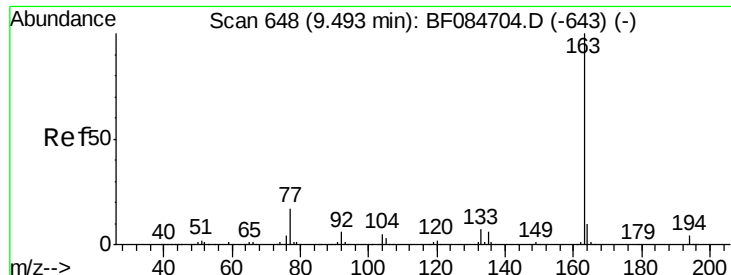
Sohil
2/10/2016 1:45:09 PM



#48
Acenaphthylene
Concen: 40.00 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.3	10.4	15.6





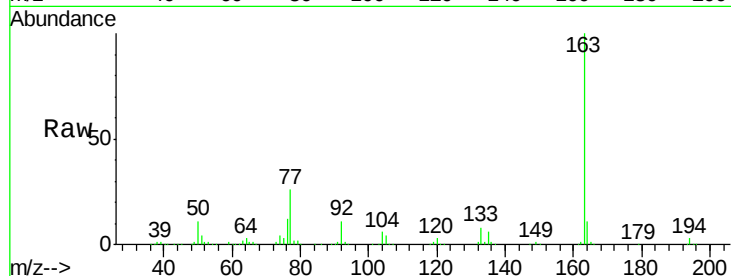
#49
Dimethylphthalate
Concen: 35.58 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

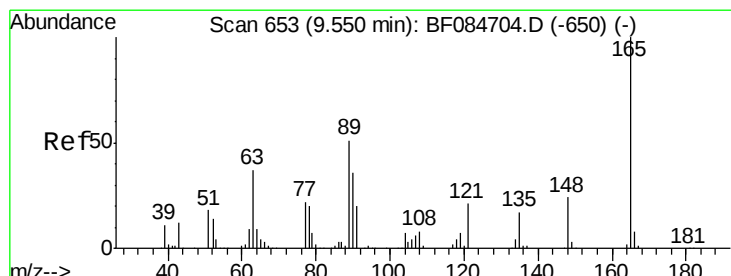
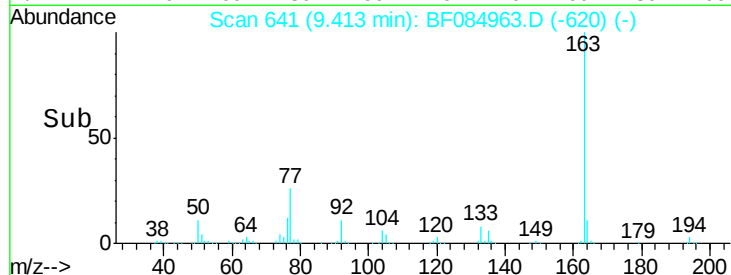
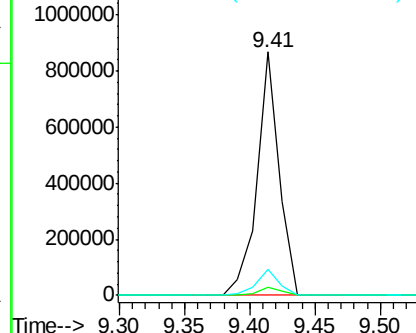
Tot Ion	Ratio	Resp	Lower	Upper
163	100	1022817		
194	3.2	8.0	12.0#	
164	10.6	8.0	12.0	

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



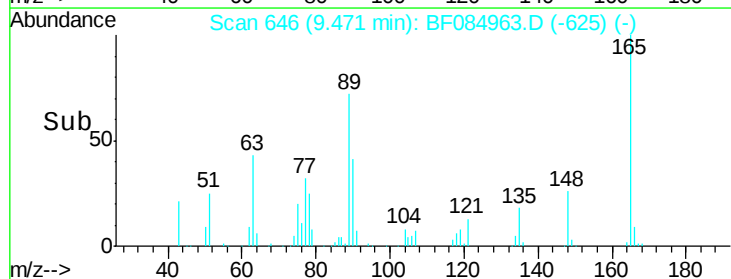
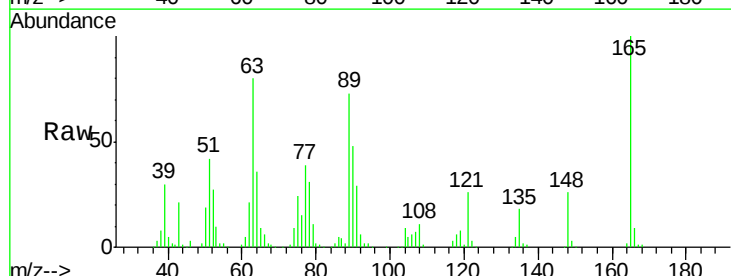
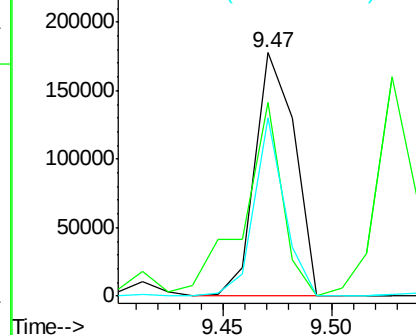
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

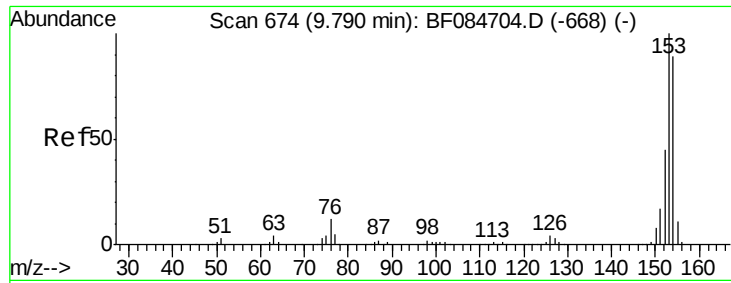


#50
2,6-Dinitrotoluene
Concen: 36.03 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226278		
63	79.5	28.8	43.2#	
89	73.5	35.1	52.7#	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.20 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

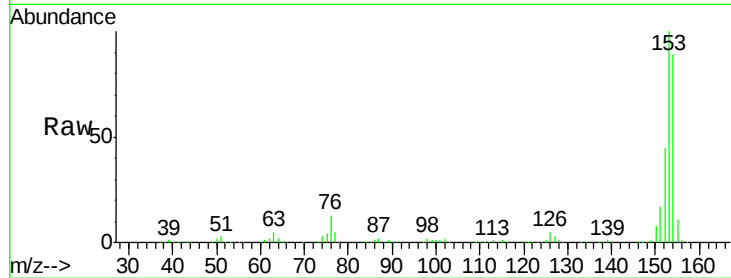
ClientSampled :

SSTDCCC040

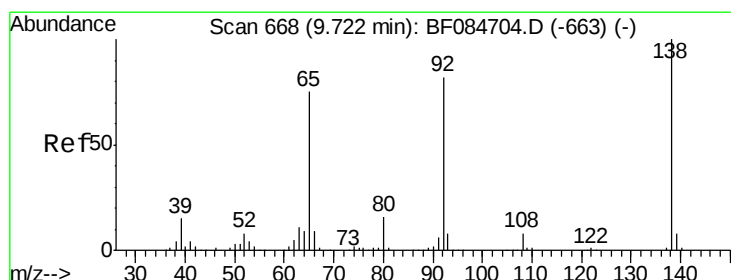
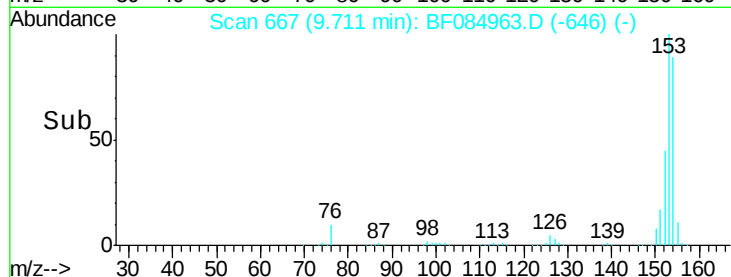
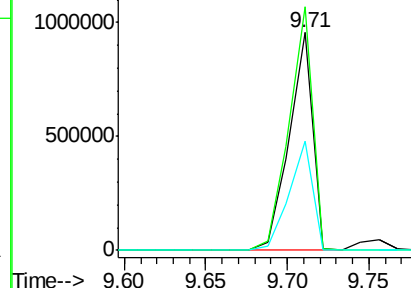
Tot Ion:	154	Resp:	960796
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.5	137.3
152	50.3	43.0	64.6

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 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: 37.63 ng

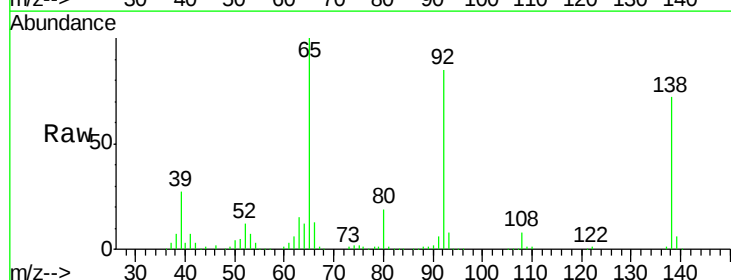
RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

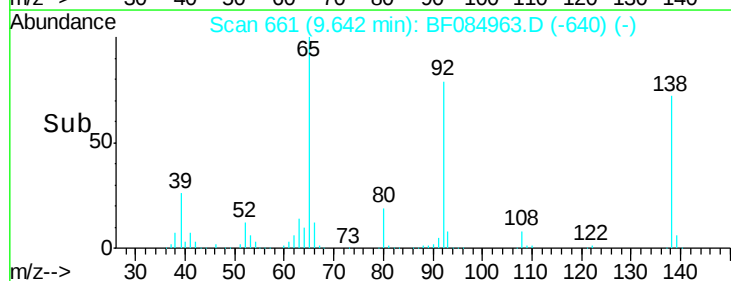
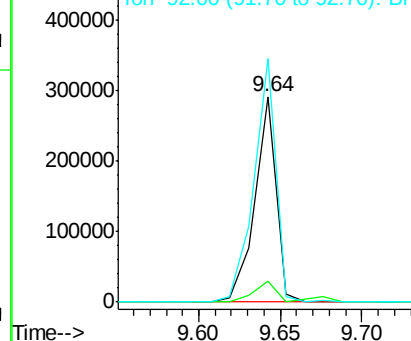
Lab File: BF084963.D

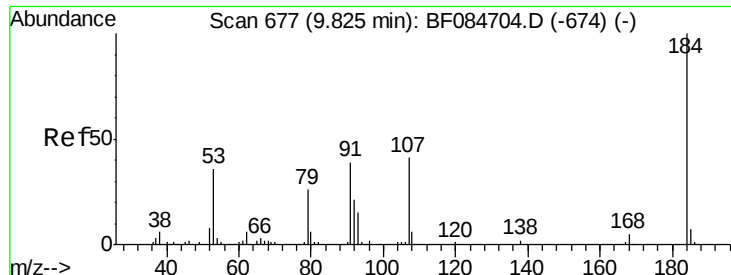
Acq: 9 Feb 2016 20:25

Tgt Ion:	138	Resp:	265526
Ion Ratio	Lower	Upper	
138	100		
108	10.4	10.5	15.7#
92	118.4	103.9	155.9



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





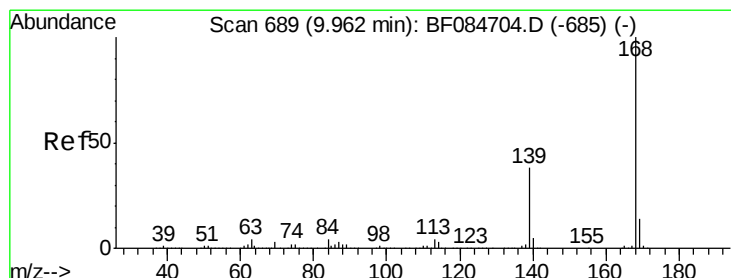
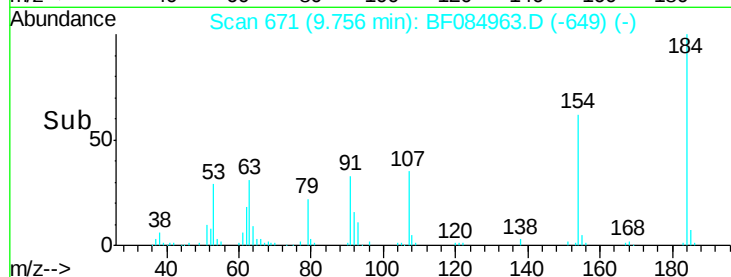
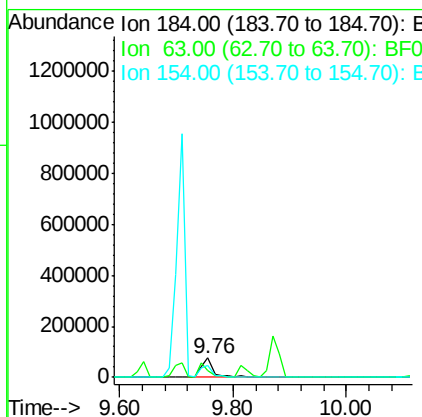
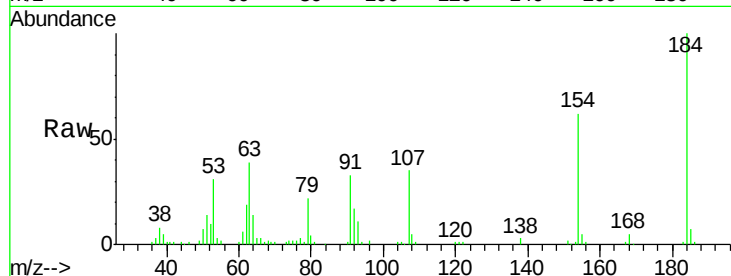
#53
2,4-Dinitrophenol
Concen: 42.52 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		114733		
63	38.8	43.1	64.7#		
154	61.5	60.5	90.7		

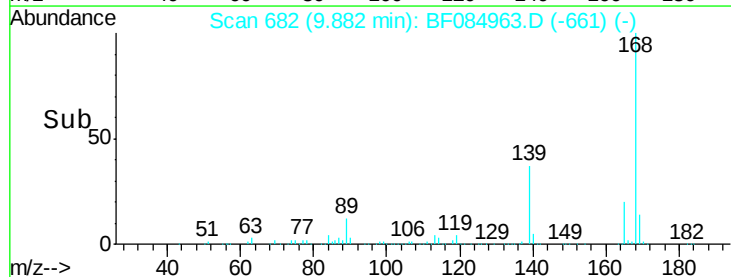
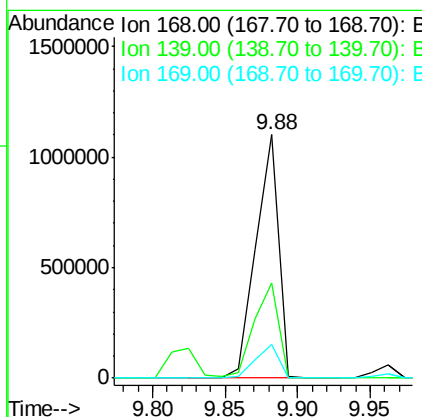
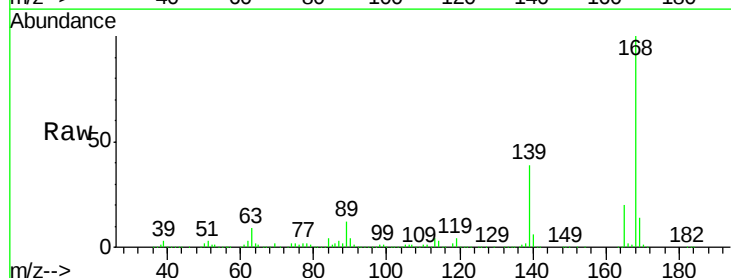
Manual Integrations
APPROVED

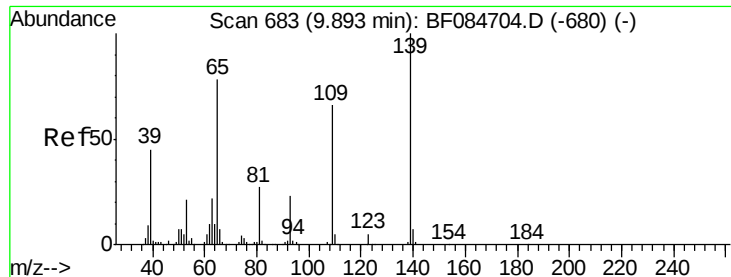
Sohil
2/10/2016 1:45:09 PM



#54
Dibenzofuran
Concen: 39.70 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		1189189		
139	39.2	30.5	45.7		
169	13.7	10.4	15.6		





#55

4-Nitrophenol

Concen: 35.94 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

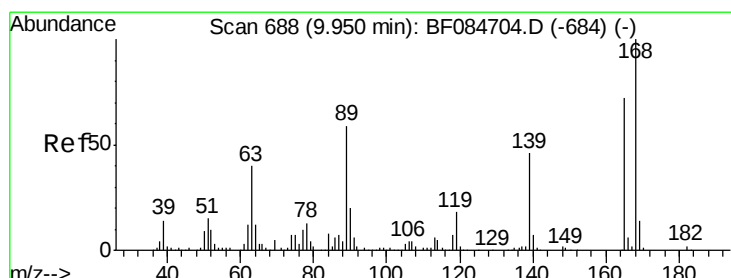
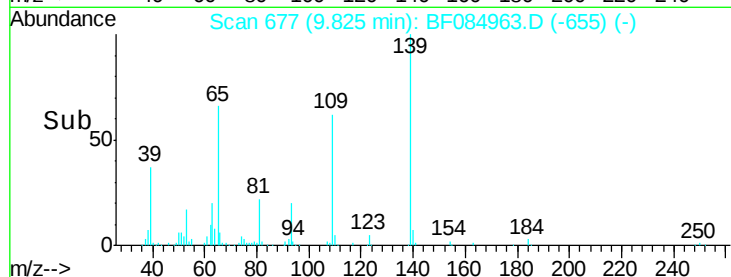
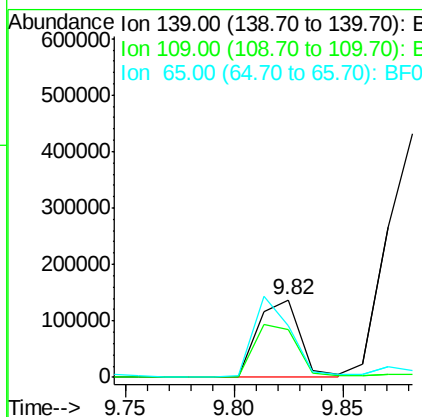
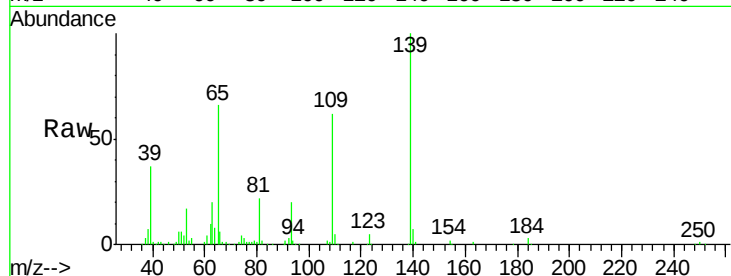
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	186375
Ion Ratio	Lower	Upper	
139	100		
109	62.1	58.5	98.5
65	66.0	57.6	97.6

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#56

2,4-Dinitrotoluene

Concen: 38.83 ng

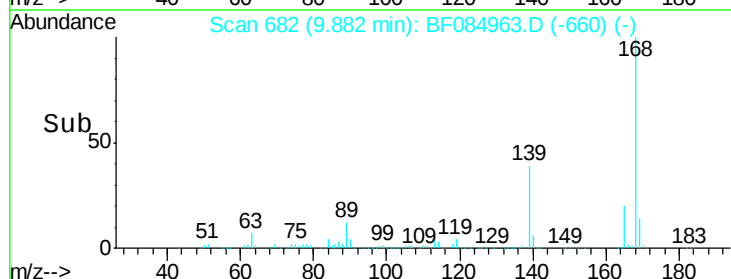
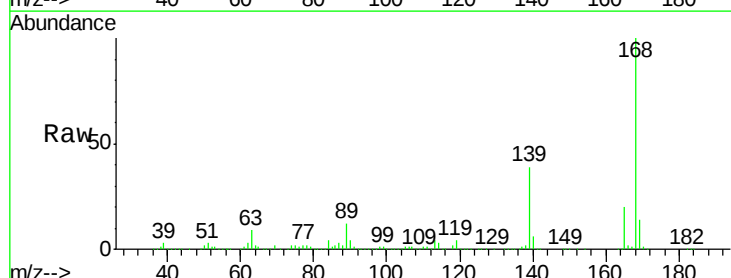
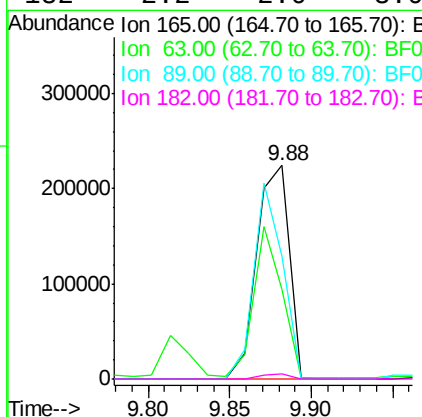
RT: 9.88 min Scan# 682

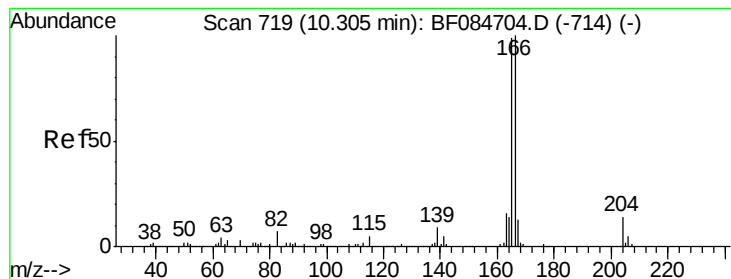
Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	165	Resp:	311036
Ion Ratio	Lower	Upper	
165	100		
63	41.8	36.7	55.1
89	57.6	61.9	92.9#
182	2.2	2.0	3.0





#57

Fluorene

Concen: 39.23 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

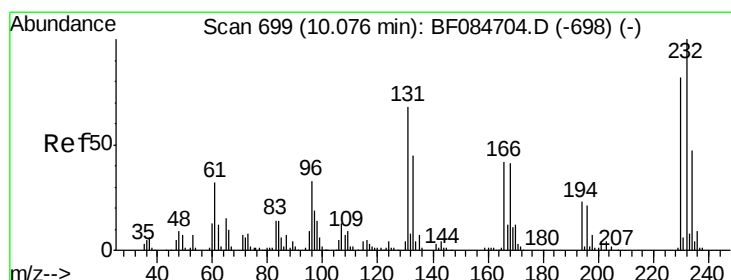
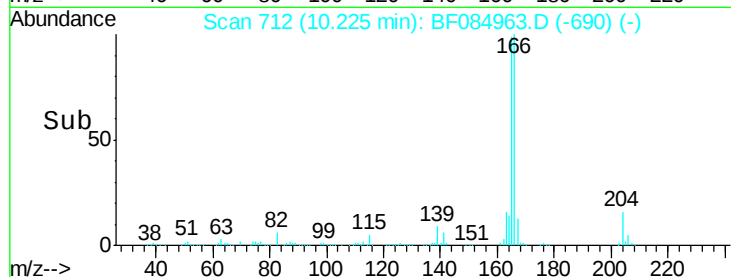
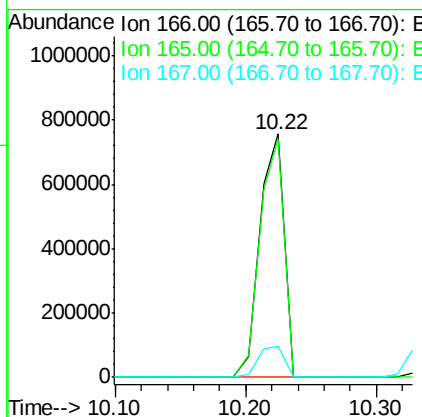
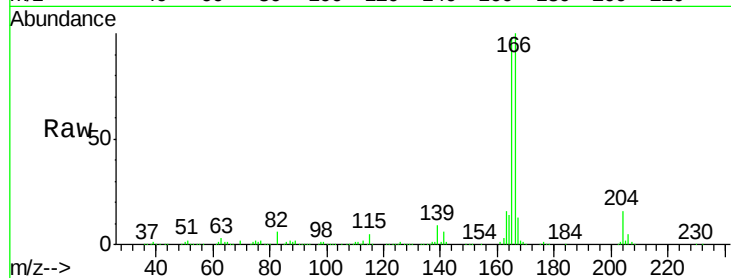
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	981273
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.1	118.7
167	13.0	10.4	15.6

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.60 ng

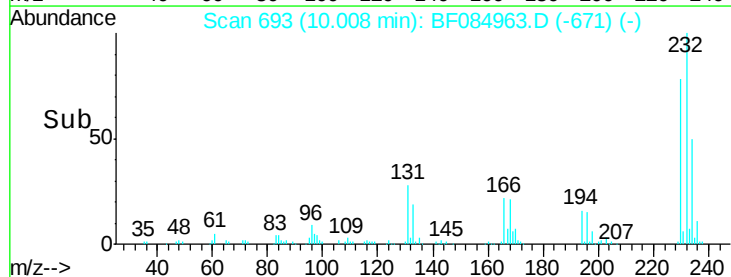
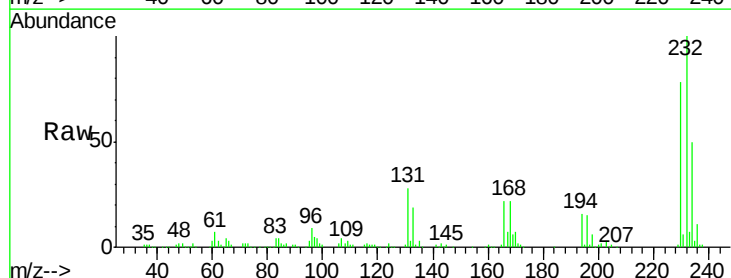
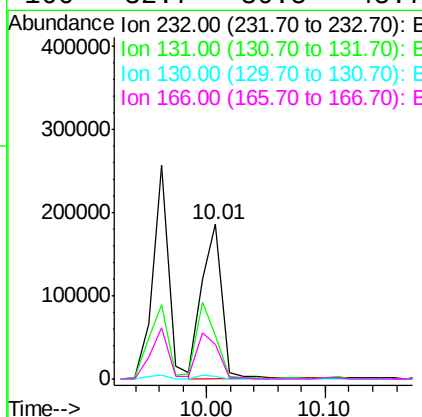
RT: 10.01 min Scan# 693

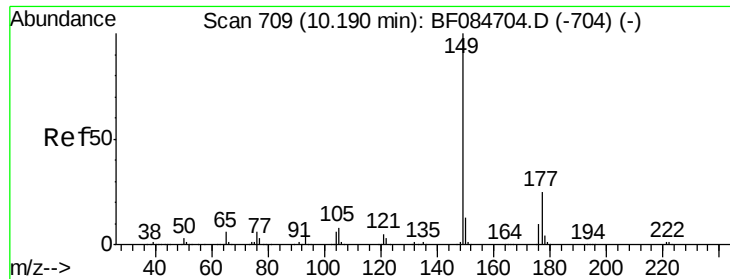
Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	232	Resp:	218620
Ion Ratio	Lower	Upper	
232	100		
131	49.8	47.0	70.6
130	2.3	2.0	3.0
166	32.7	30.5	45.7





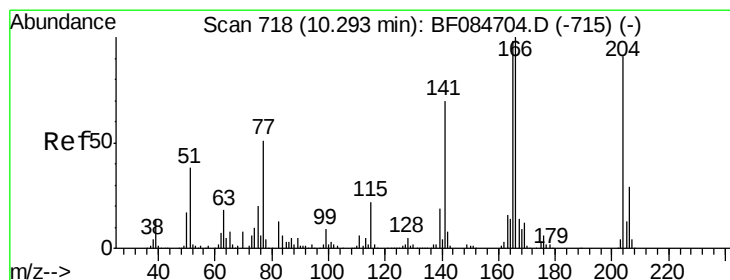
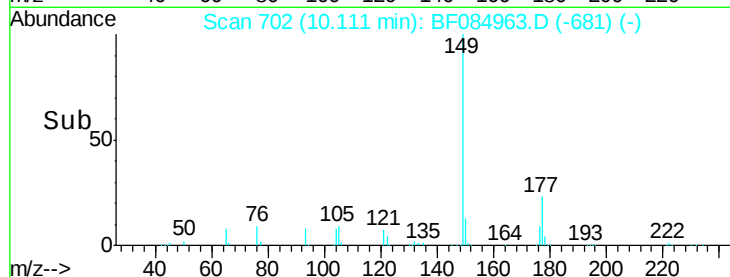
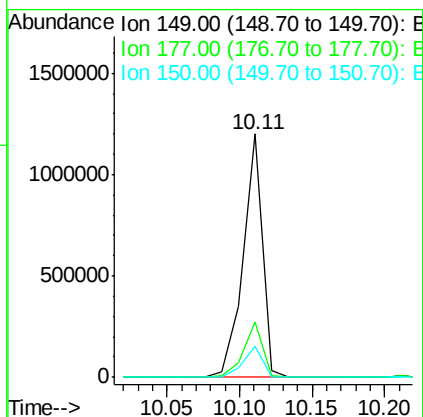
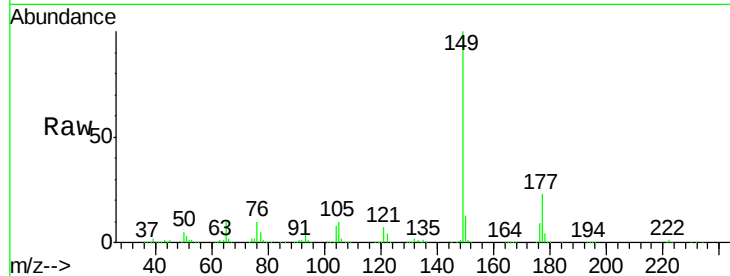
#59
Diethylphthalate
Concen: 39.50 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1108769
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 12.6 9.8 14.8

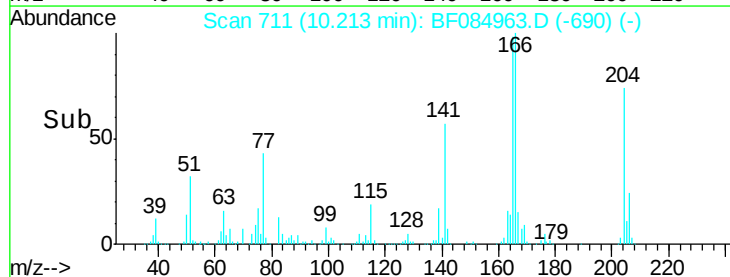
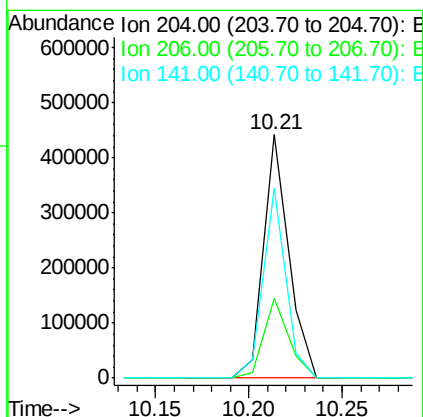
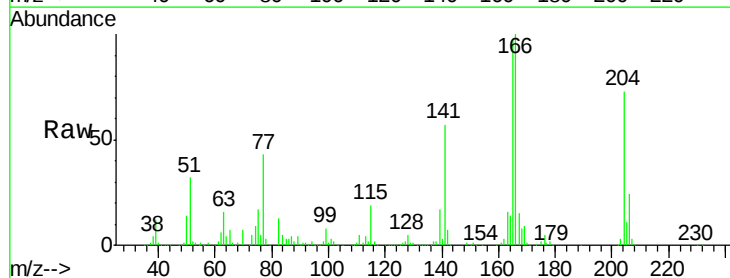
Manual Integrations
APPROVED

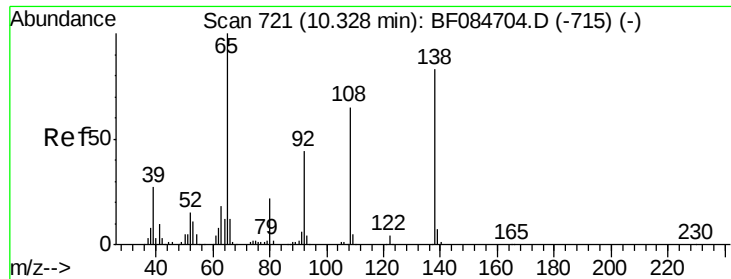
Sohil
2/10/2016 1:45:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.98 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion:204 Resp: 411064
Ion Ratio Lower Upper
204 100
206 32.7 25.7 38.5
141 77.8 55.1 82.7





#61

4-Nitroaniline

Concen: 43.11 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

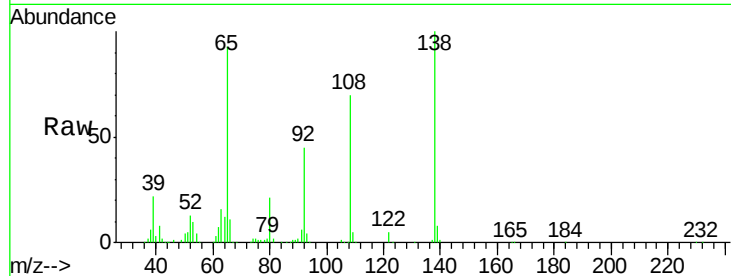
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.9	32.6	72.6
108	70.3	68.6	108.6

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM

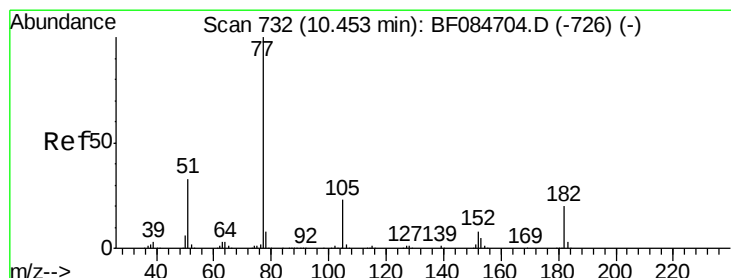
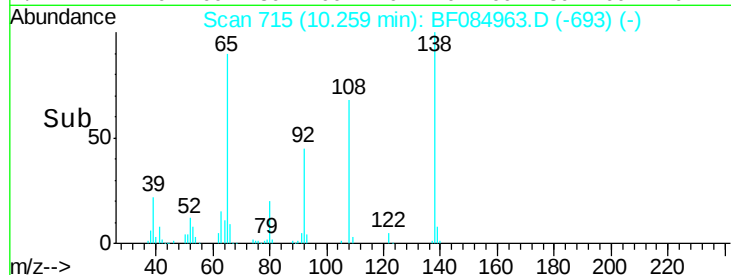
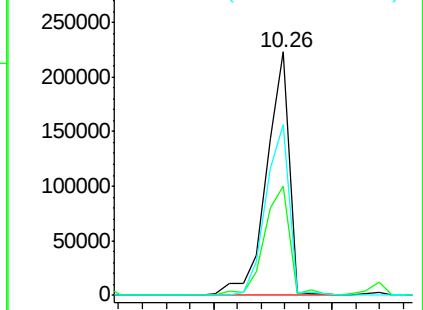


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.82 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	8.3	48.3
105	23.3	4.6	44.6
51	32.9	6.2	46.2

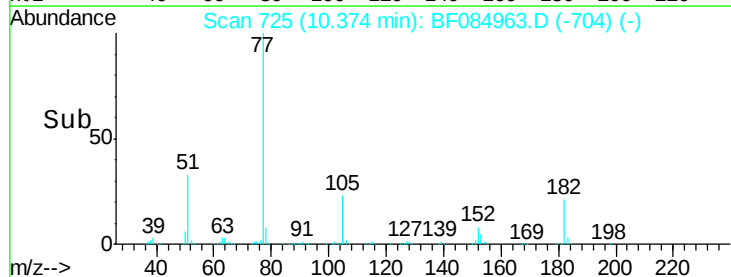
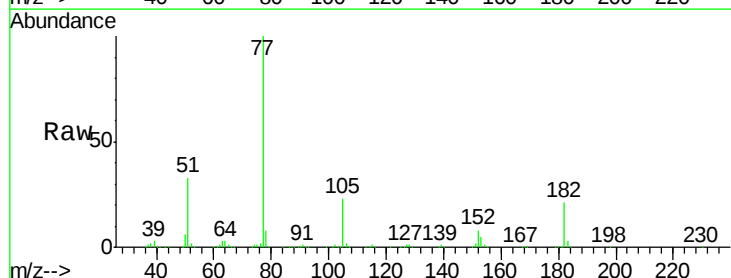
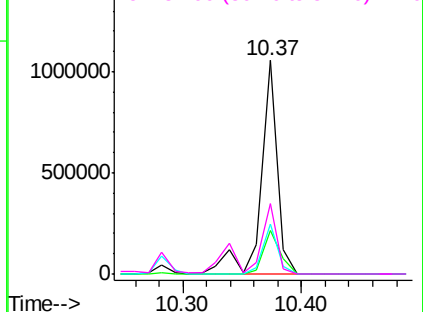
Abundance

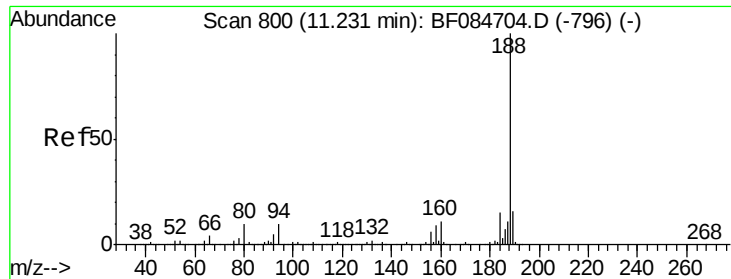
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





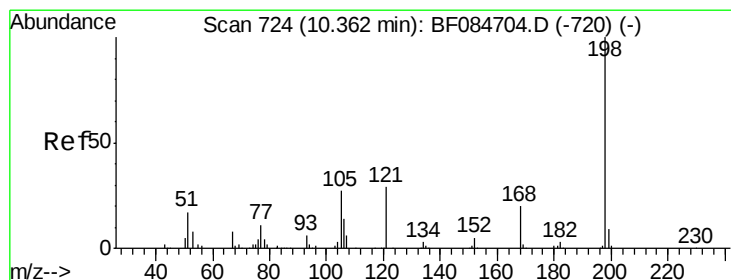
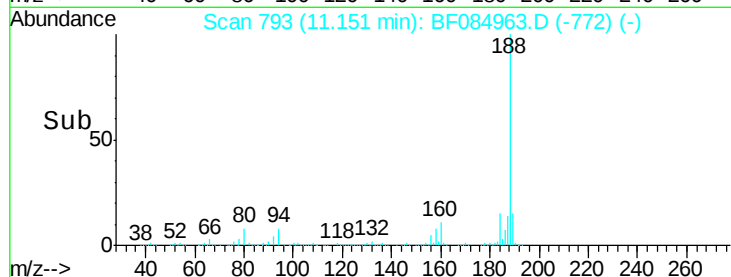
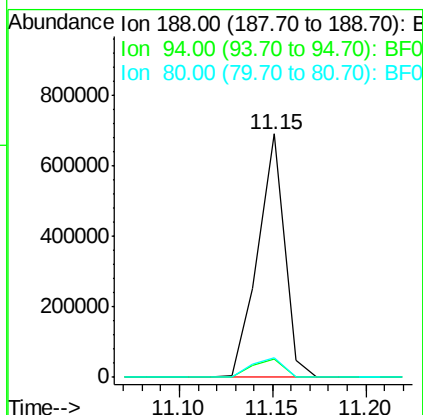
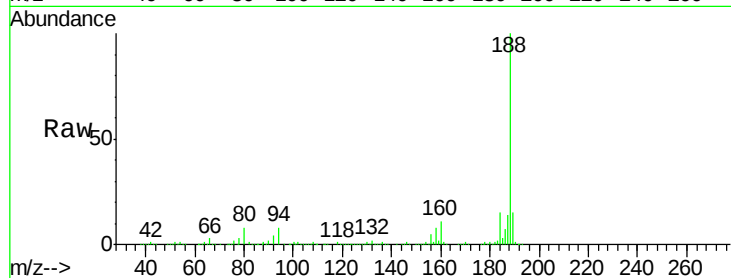
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	9.0	13.4#
80	8.1	9.6	14.4#

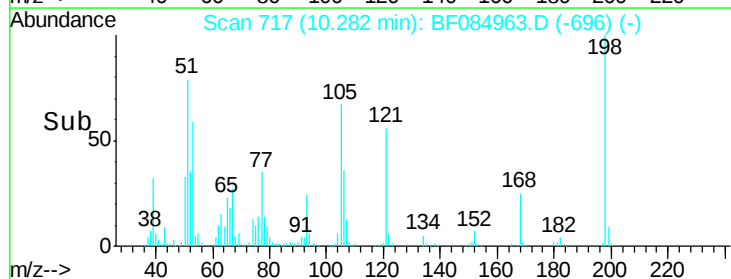
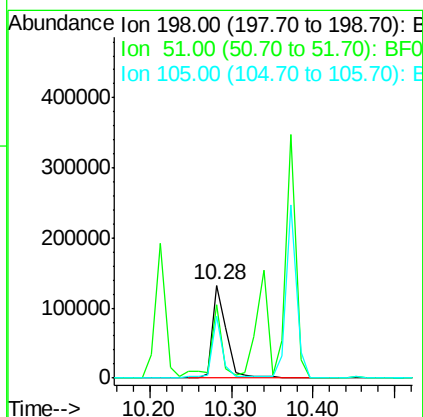
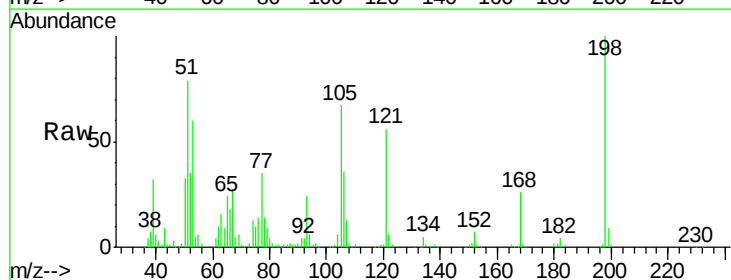
Manual Integrations
APPROVED

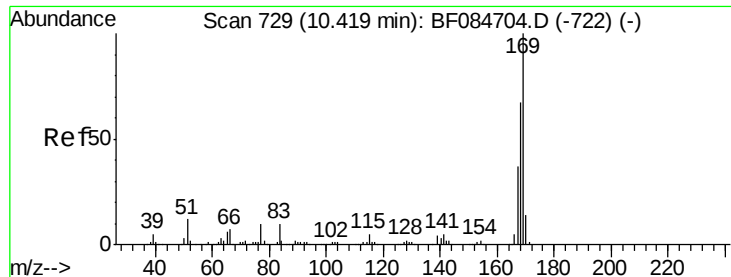
Sohil
2/10/2016 1:45:09 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.68 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	79.0	18.9	58.9#
105	67.0	26.4	66.4#





#65

n-Nitrosodiphenylamine

Concen: 38.89 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

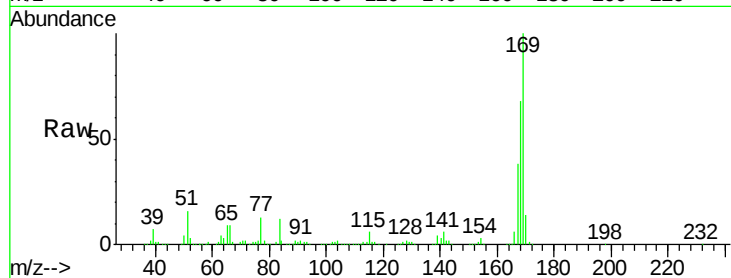
ClientSampleId :

SSTDCCC040

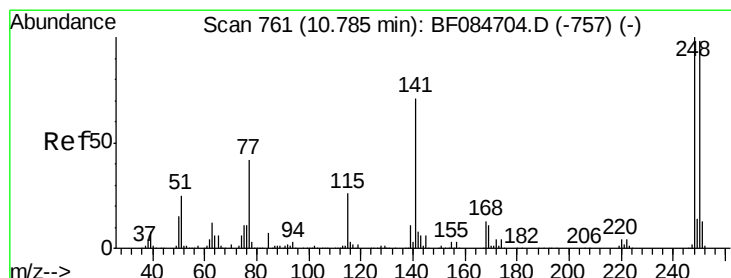
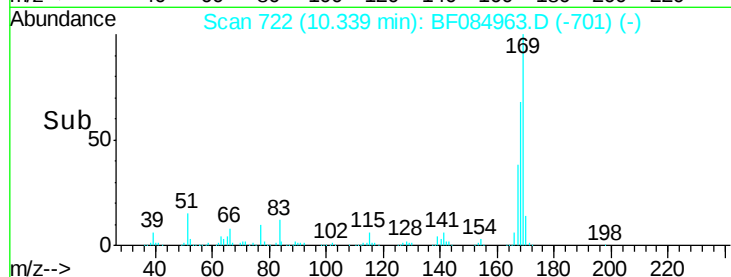
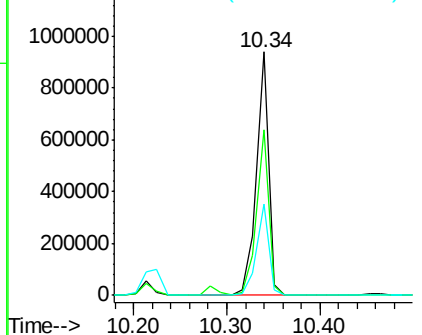
Tot Ion:	169	Resp:	847252
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.1	82.7
167	37.6	30.0	45.0

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 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: 41.86 ng

RT: 10.70 min Scan# 754

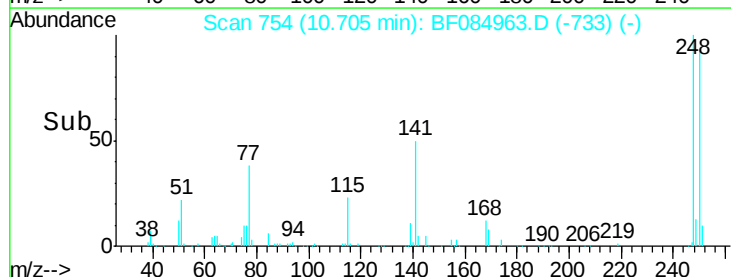
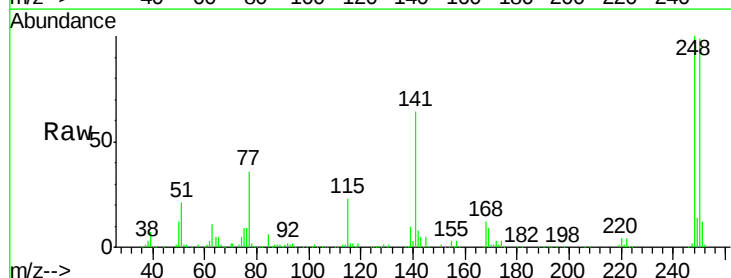
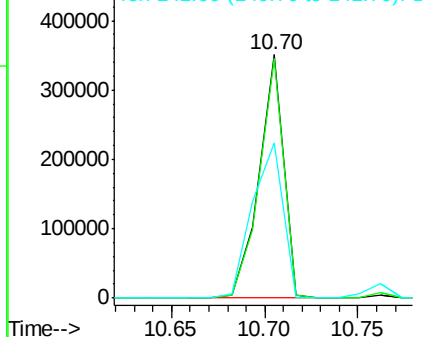
Delta R.T. -0.06 min

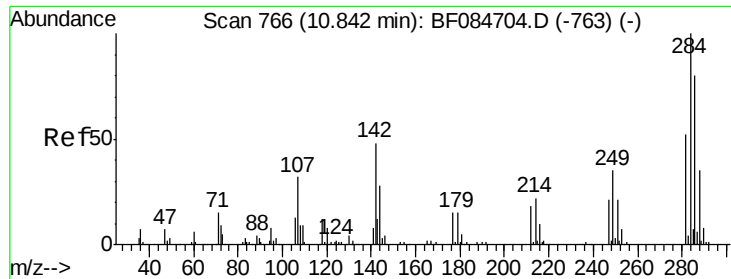
Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	248	Resp:	317260
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.4	117.6
141	63.8	44.0	66.0

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





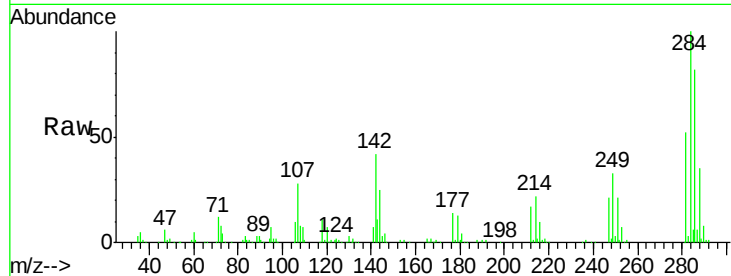
#67
Hexachlorobenzene
Concen: 36.11 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

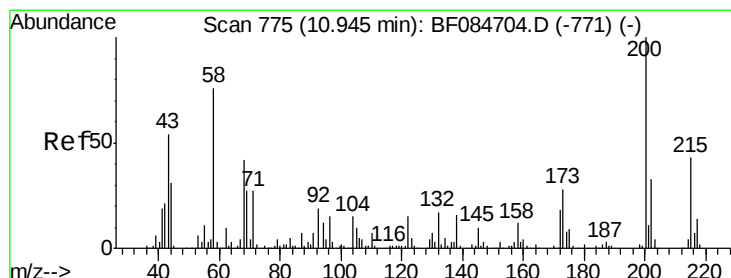
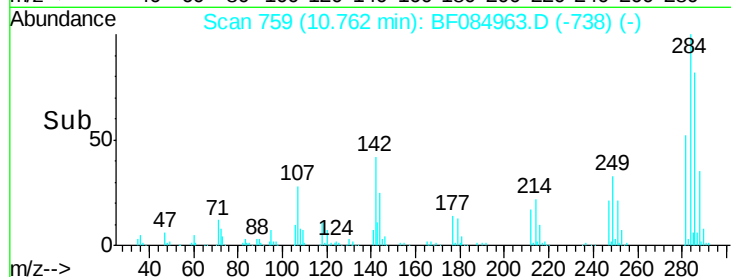
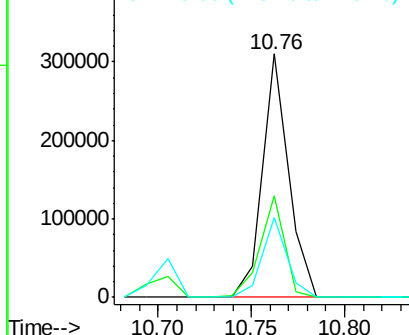
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	41.9	22.2	33.4#
249	33.0	24.6	37.0

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



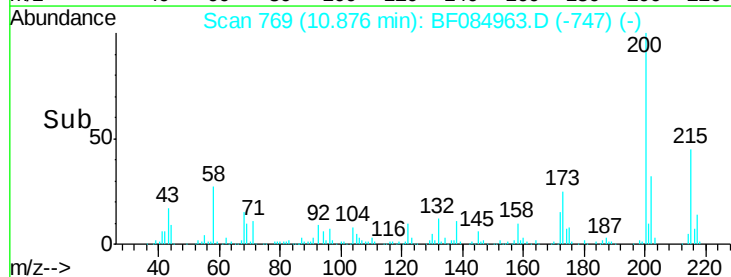
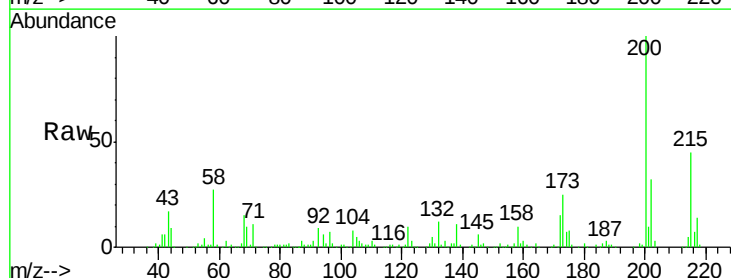
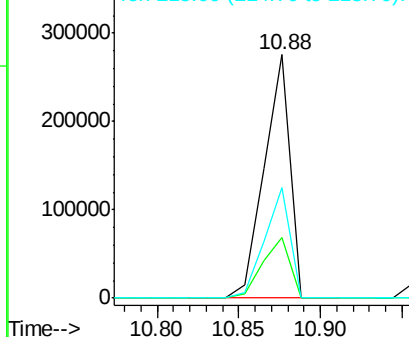
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

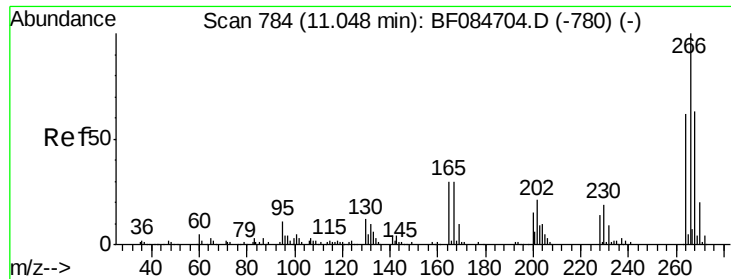


#68
Atrazine
Concen: 43.84 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	9.5	49.5
215	45.4	23.8	63.8

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





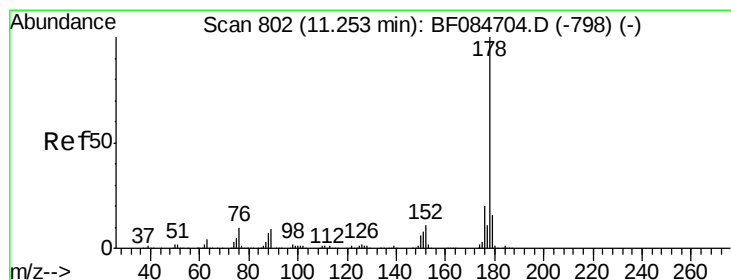
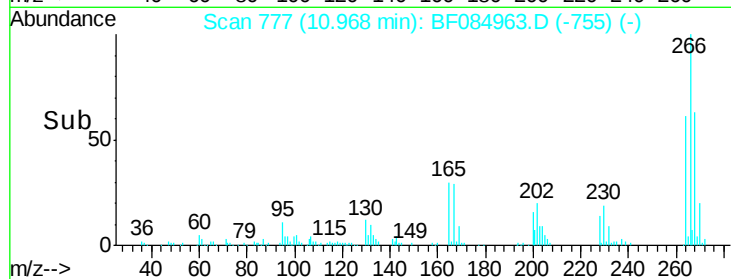
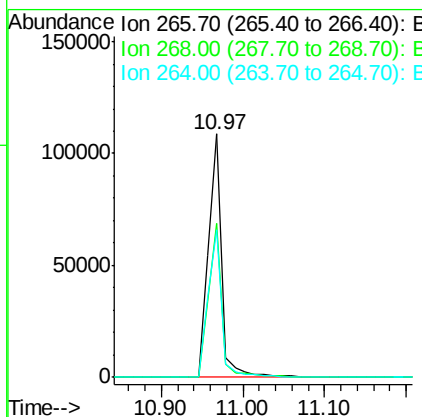
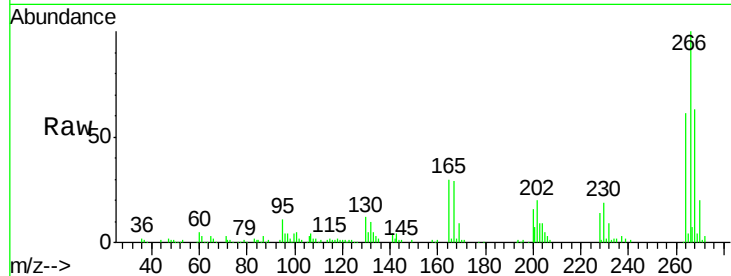
#69
 Pentachlorophenol
 Concen: 32.71 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	126930		
268	63.4	52.4	78.6	
264	60.6	50.2	75.2	

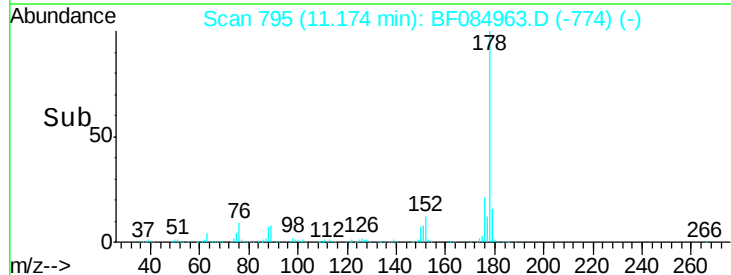
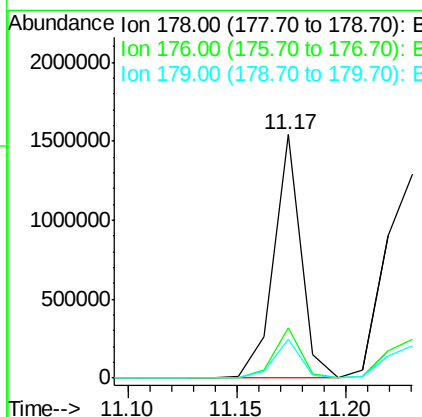
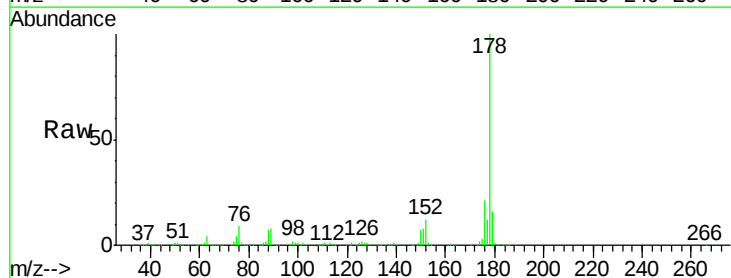
Manual Integrations
 APPROVED

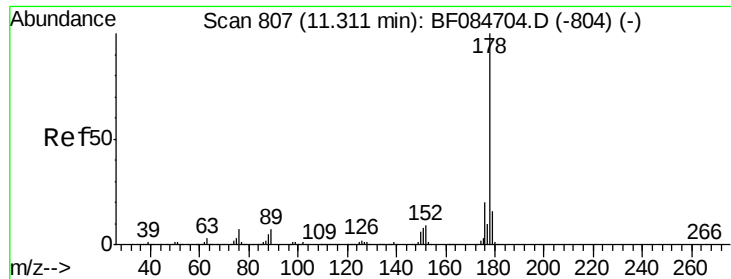
Sohil
 2/10/2016 1:45:09 PM



#70
 Phenanthrene
 Concen: 35.49 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1350564		
176	20.6	15.3	22.9	
179	16.1	12.0	18.0	





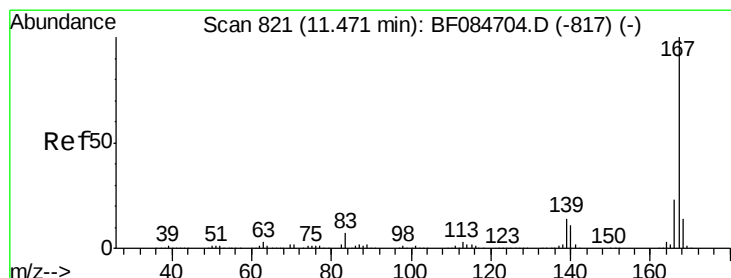
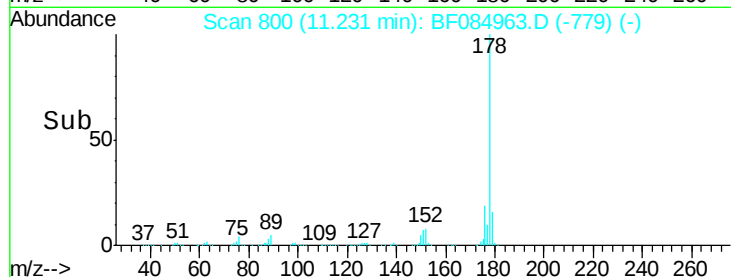
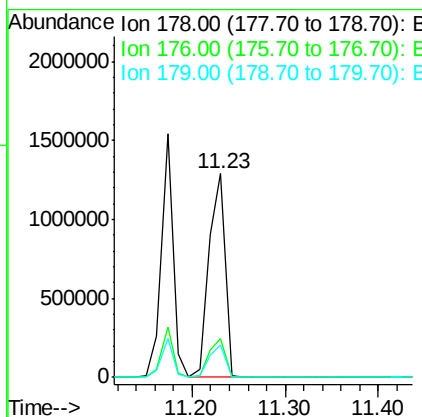
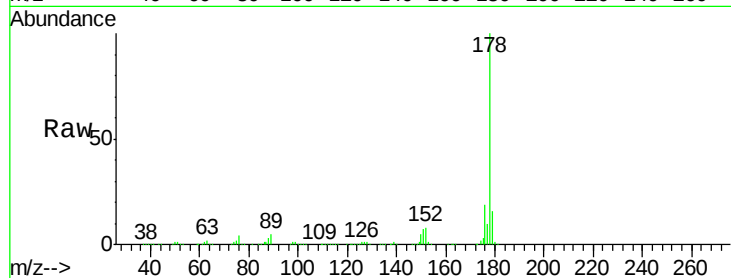
#71
 Anthracene
 Concen: 40.37 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1548307
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 16.0 12.5 18.7

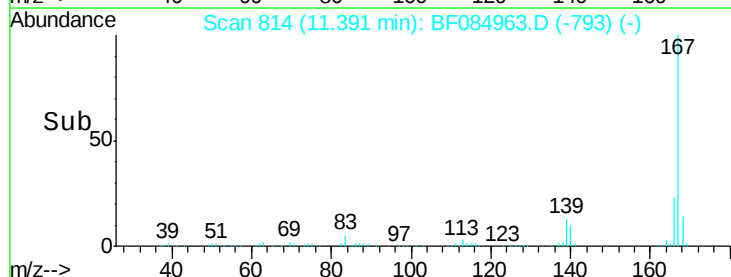
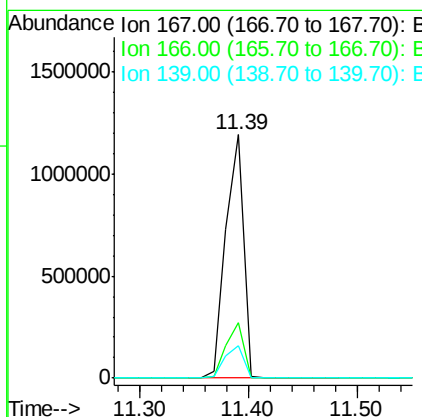
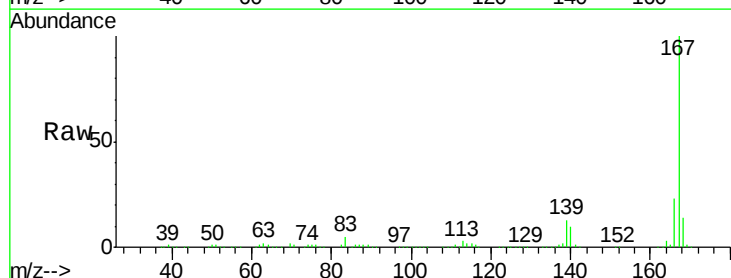
Manual Integrations
 APPROVED

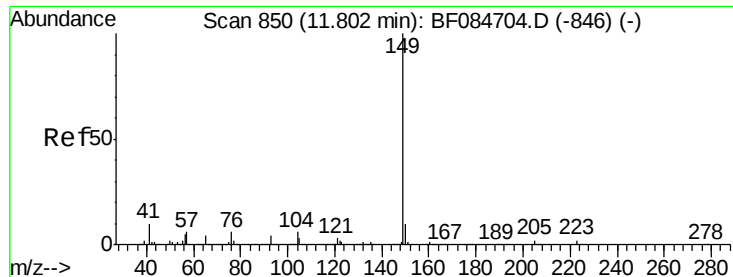
Sohil
 2/10/2016 1:45:09 PM



#72
 Carbazole
 Concen: 40.51 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion:167 Resp: 1354573
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 35.01 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1490642

Ion Ratio Lower Upper

149 100

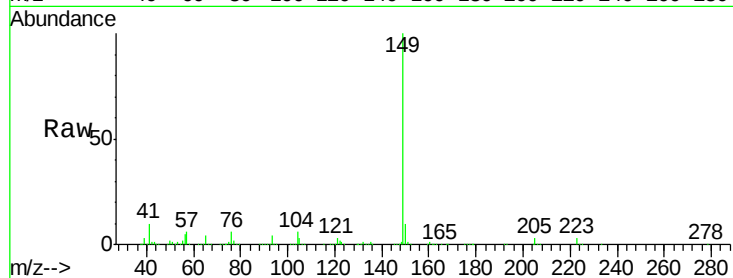
150 9.9 7.1 10.7

104 6.0 3.2 4.8#

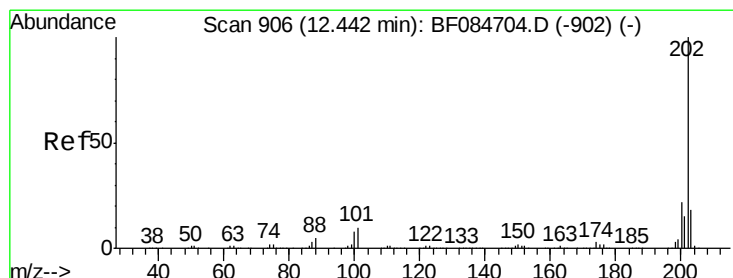
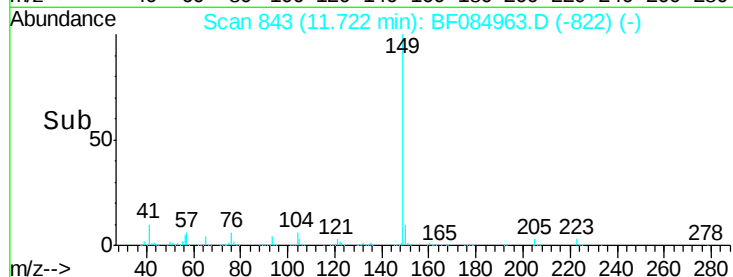
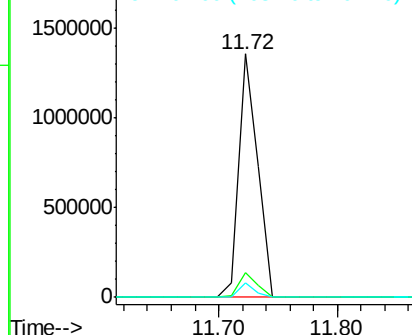
Manual Integrations
APPROVED

Sohil

2/10/2016 1:45:09 PM



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



#74

Fluoranthene

Concen: 36.52 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.07 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

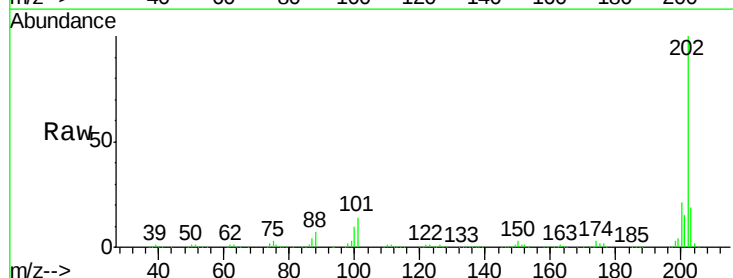
Tgt Ion:202 Resp: 1406762

Ion Ratio Lower Upper

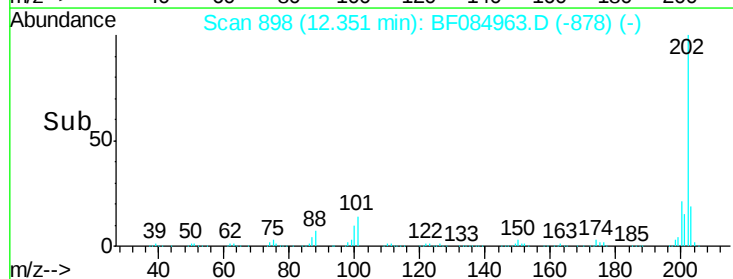
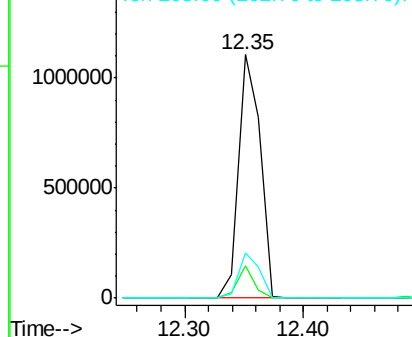
202 100

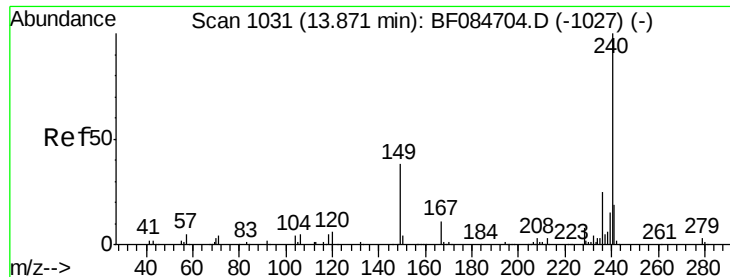
101 13.5 0.0 32.8

203 18.6 0.0 37.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

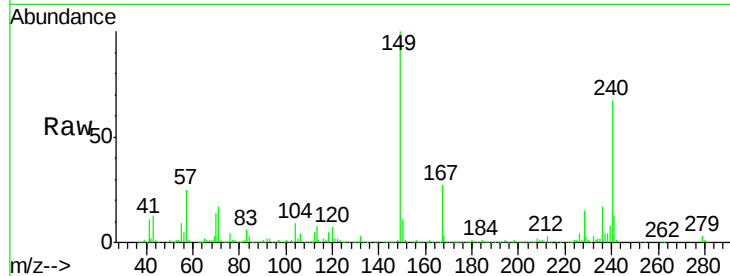
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	487318
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	25.1	20.6	31.0

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.78

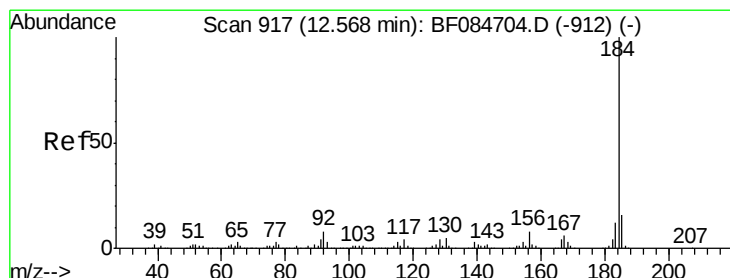
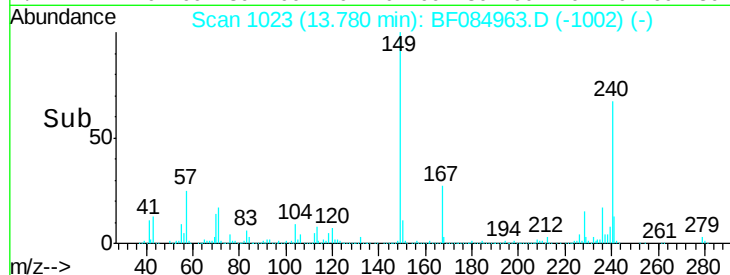
600000

400000

200000

0

Time-->



#76

Benzidine

Concen: 40.82 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	184	Resp:	697872
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	11.7	9.8	14.8

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.49

1000000

800000

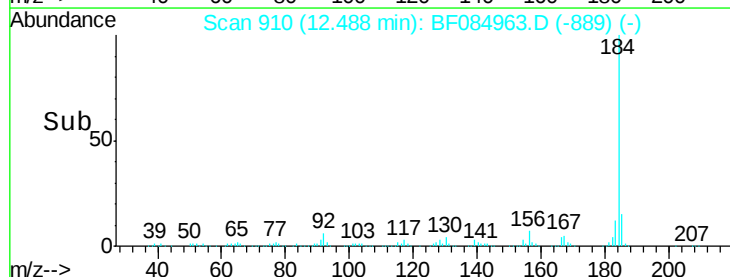
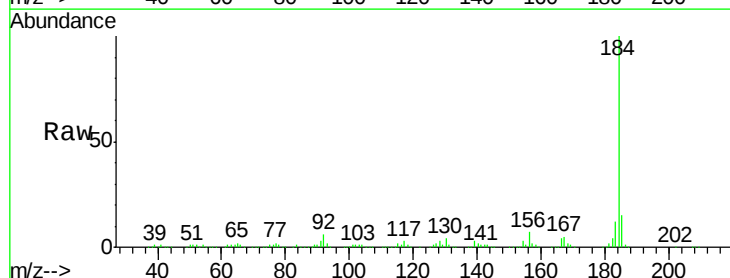
600000

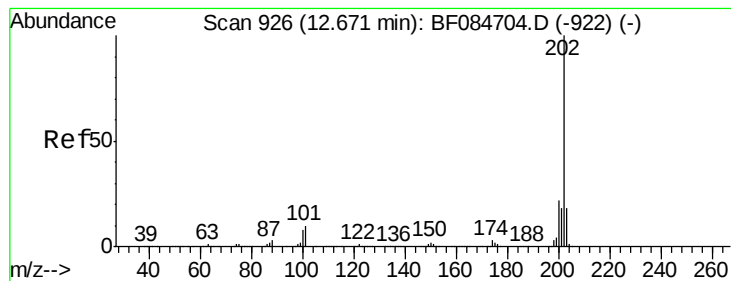
400000

200000

0

Time-->





#77

Pvrene

Concen: 36.10 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

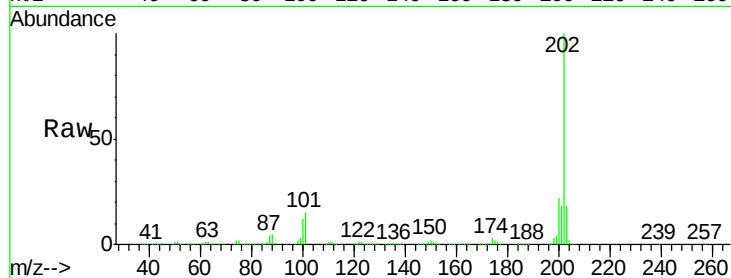
ClientSampleId :

SSTDCCC040

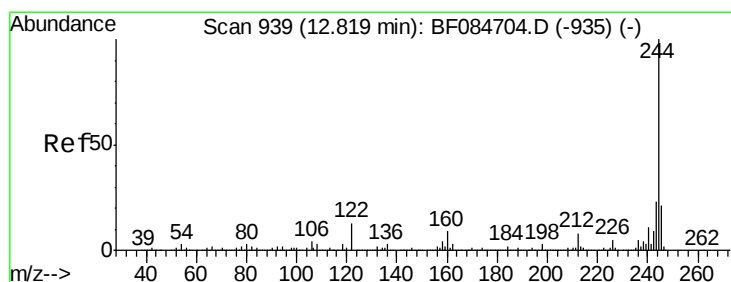
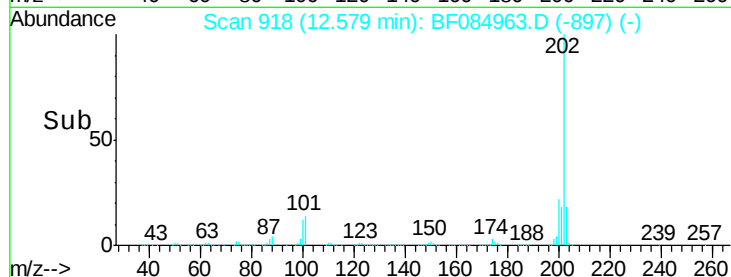
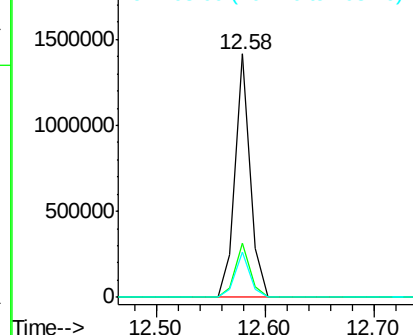
Tot Ion:	202	Resp:	1346804
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.2	25.8
203	18.5	14.3	21.5

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.62 ng

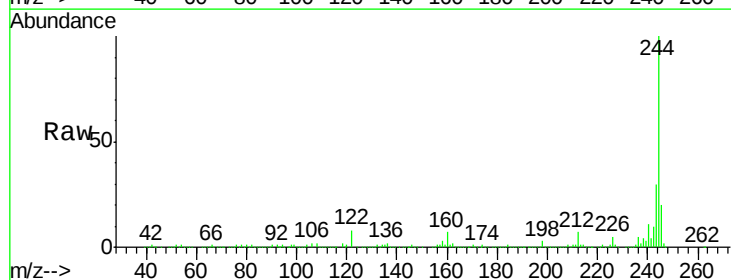
RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

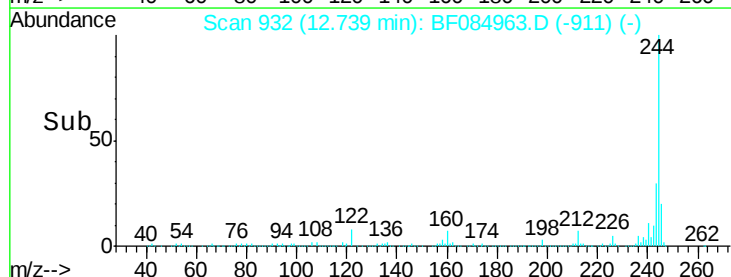
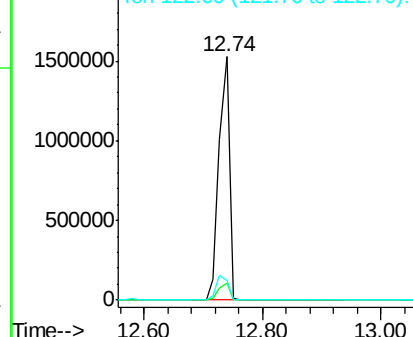
Lab File: BF084963.D

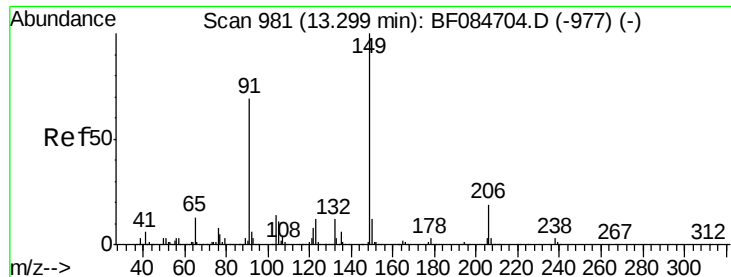
Acq: 9 Feb 2016 20:25

Tgt Ion:	244	Resp:	1841211
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	8.0	7.4	11.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





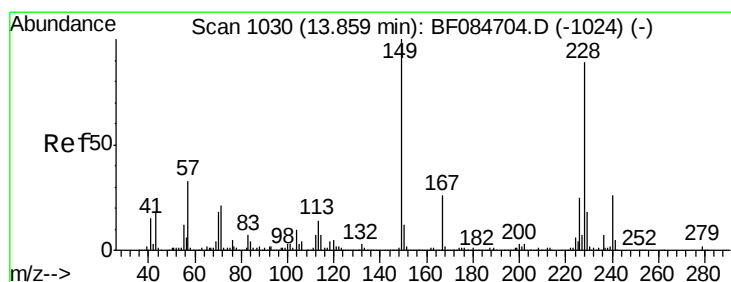
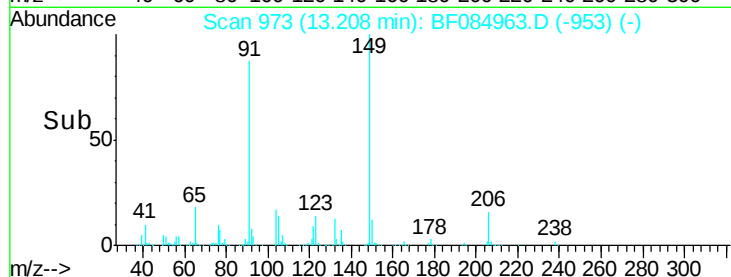
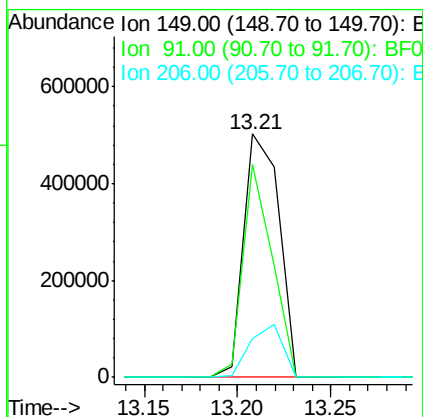
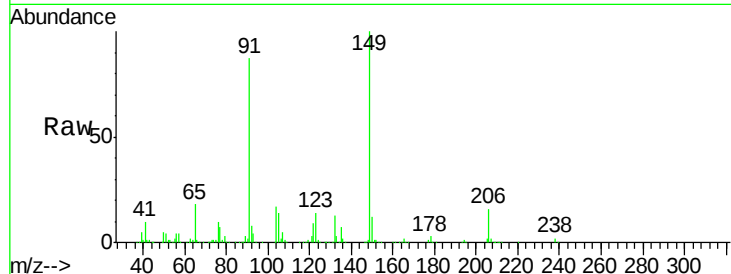
#79
Butylbenzylphthalate
Concen: 38.99 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.07 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.4	57.6	86.4#
206	15.8	13.2	19.8

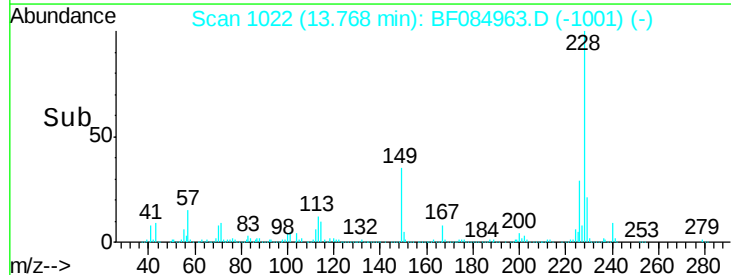
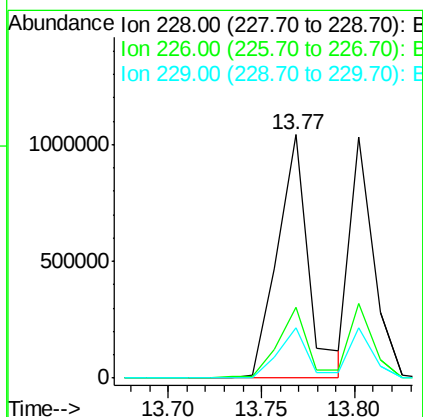
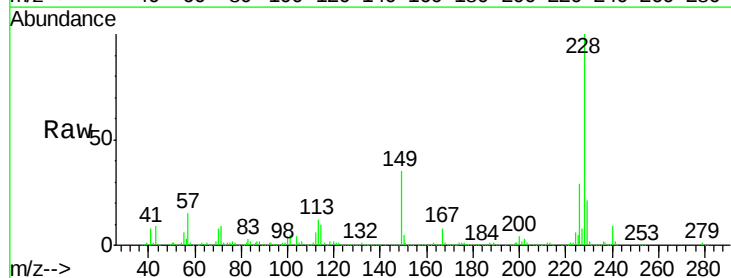
Manual Integrations
APPROVED

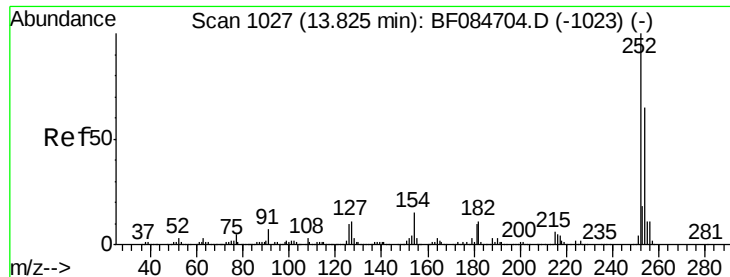
Sohil
2/10/2016 1:45:09 PM



#80
Benzo(a)anthracene
Concen: 40.08 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.6	15.8	23.8





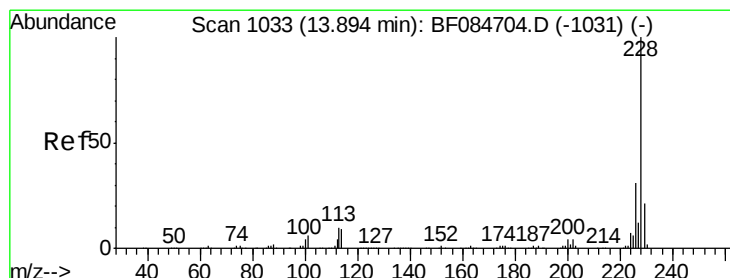
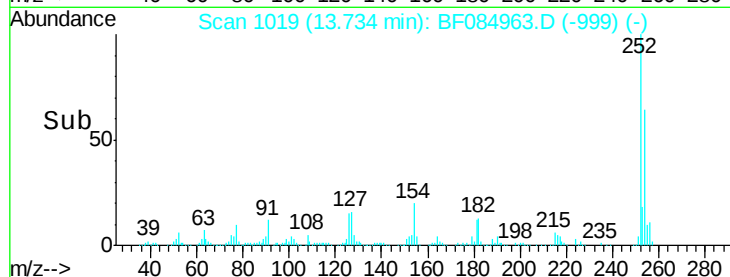
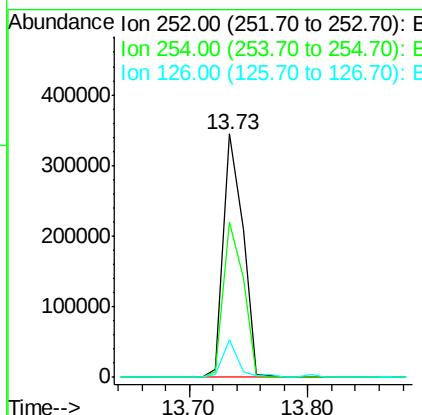
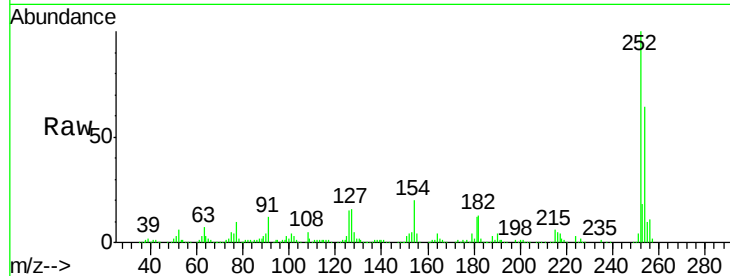
#81
 3,3'-Dichlorobenzidine
 Concen: 36.79 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	53.5	80.3
126	15.5	4.9	7.3

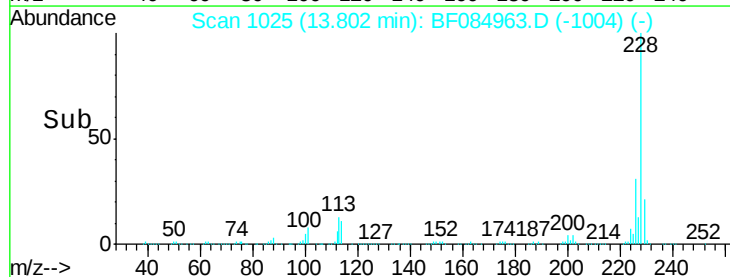
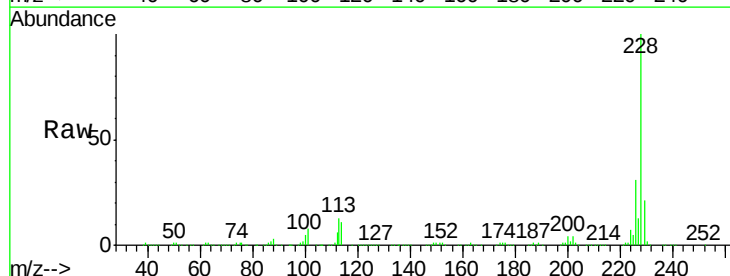
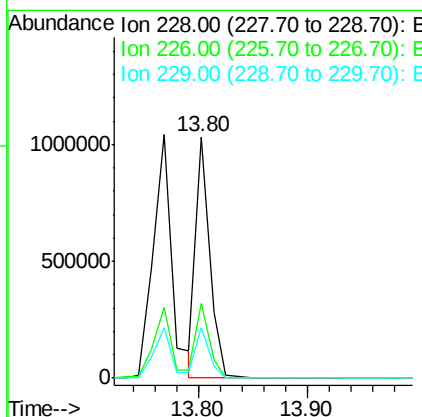
Manual Integrations
 APPROVED

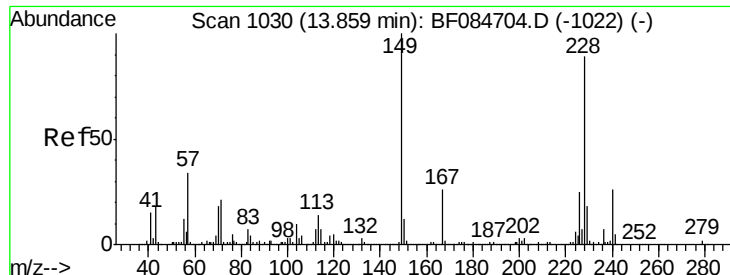
Sohil
 2/10/2016 1:45:09 PM



#82
 Chrysene
 Concen: 31.26 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.8	16.1	24.1





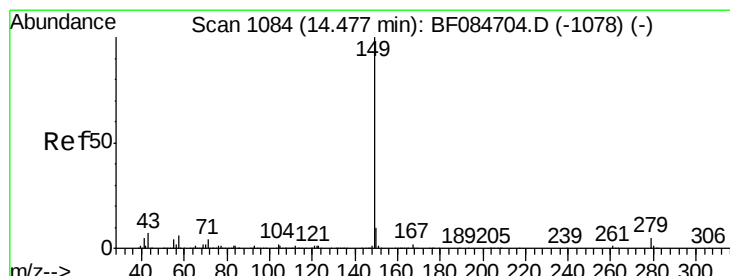
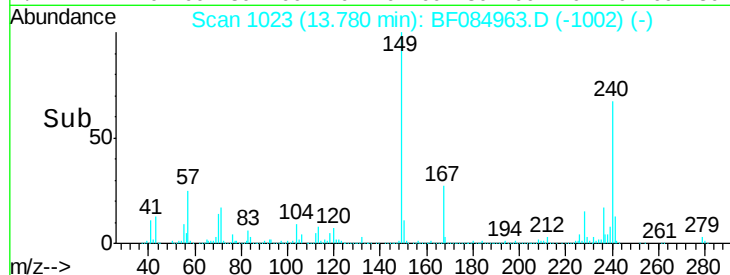
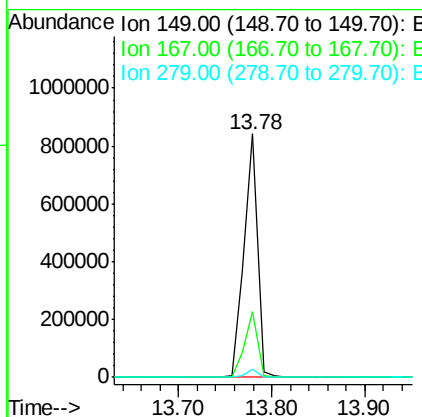
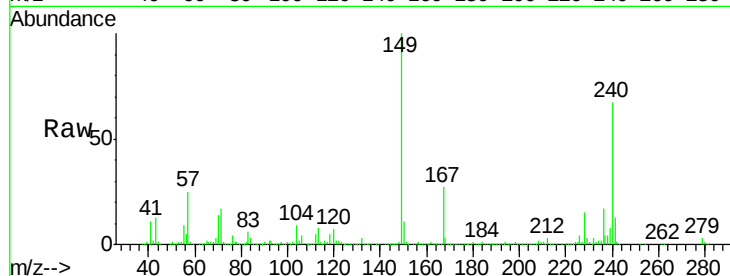
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.47 ng
 RT: 13.78 min Scan# 1023
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	852341
Ion Ratio	Lower	Upper	
149	100		
167	27.2	19.7	29.5
279	3.4	1.8	2.6

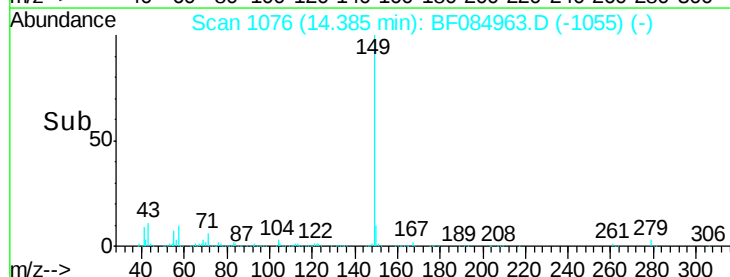
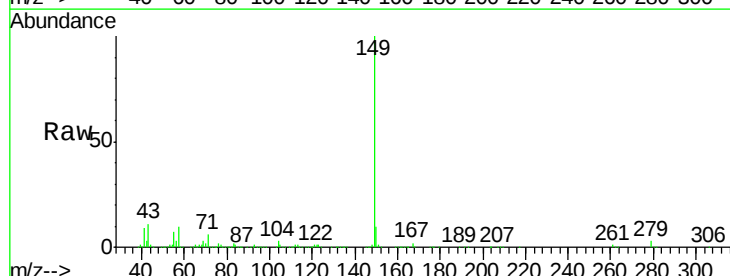
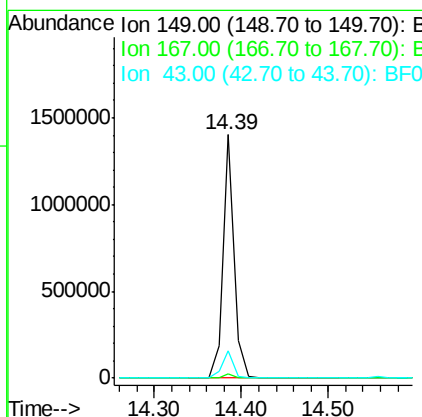
Manual Integrations
 APPROVED

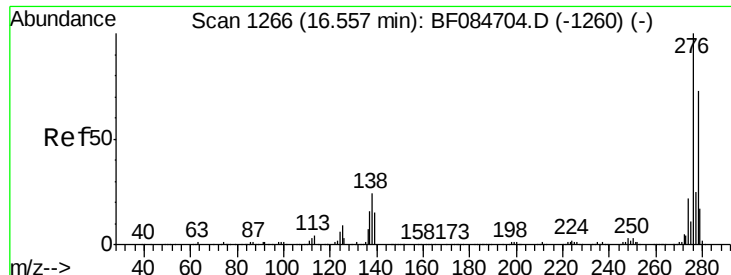
Sohil
 2/10/2016 1:45:09 PM



#84
 Di-n-octyl phthalate
 Concen: 36.01 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. -0.06 min
 Lab File: BF084963.D
 Acq: 9 Feb 2016 20:25

Tgt Ion:	149	Resp:	1251363
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.6	5.6	8.4





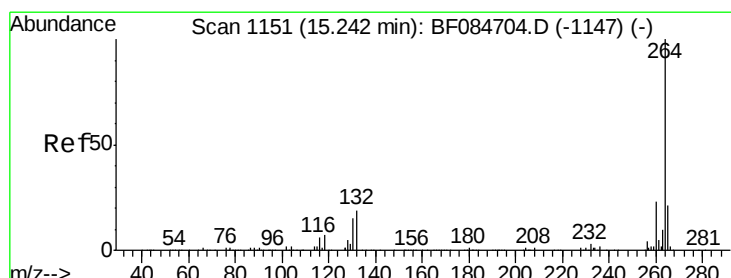
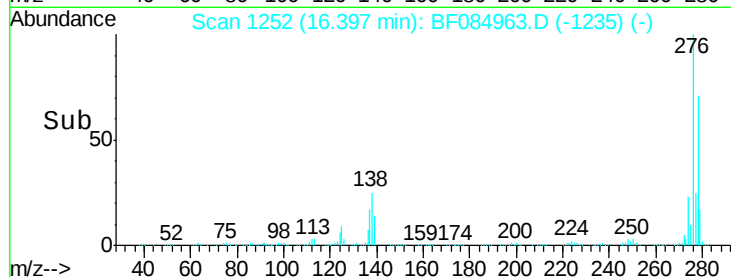
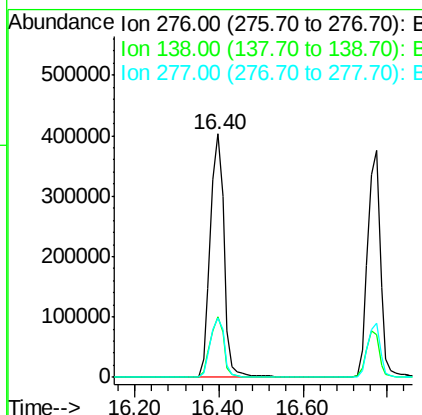
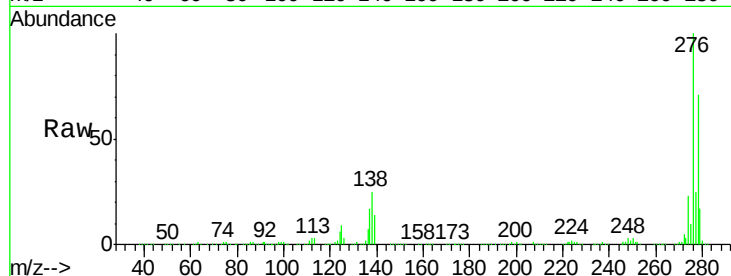
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.06 ng
RT: 16.40 min Scan# 1252
Delta R.T. -0.10 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	24.7	20.1	30.1

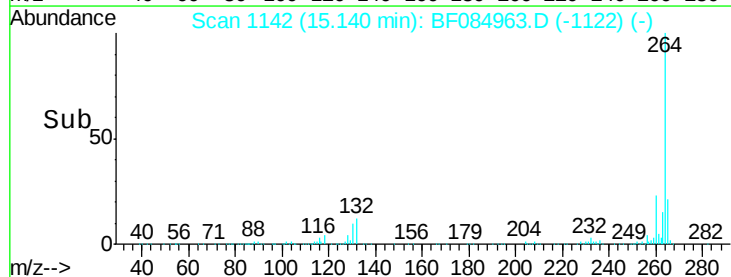
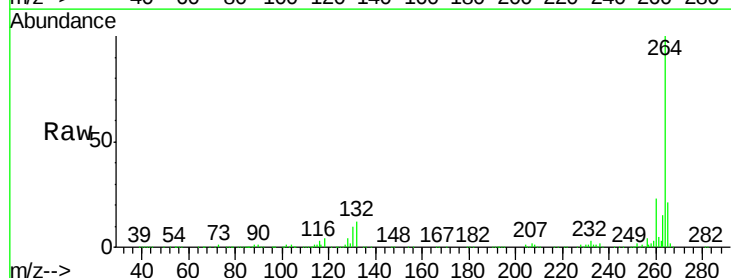
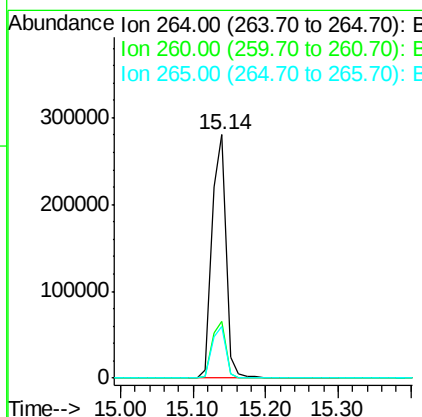
Manual Integrations
APPROVED

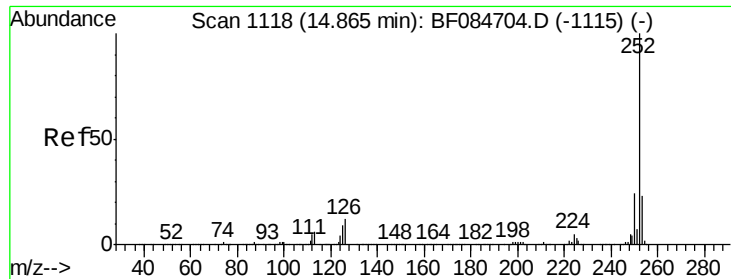
Sohil
2/10/2016 1:45:09 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.07 min
Lab File: BF084963.D
Acq: 9 Feb 2016 20:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 44.44 ng m

RT: 14.77 min Scan# 1110

Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

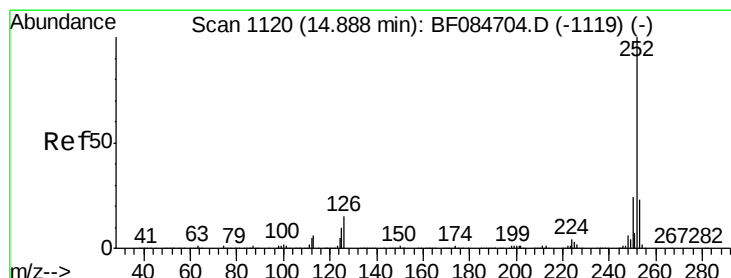
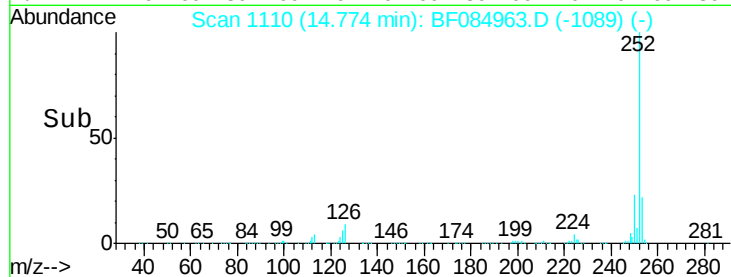
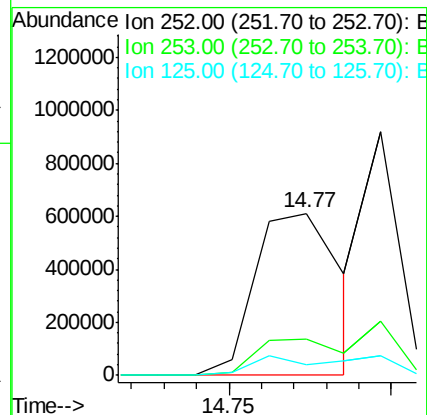
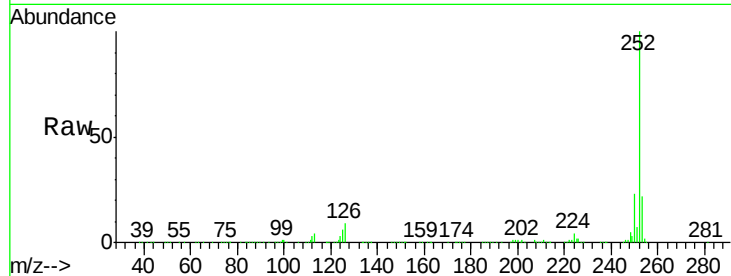
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	1123461
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	6.3	6.5	9.7#

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#88

Benzo(k)fluoranthene

Concen: 33.58 ng m

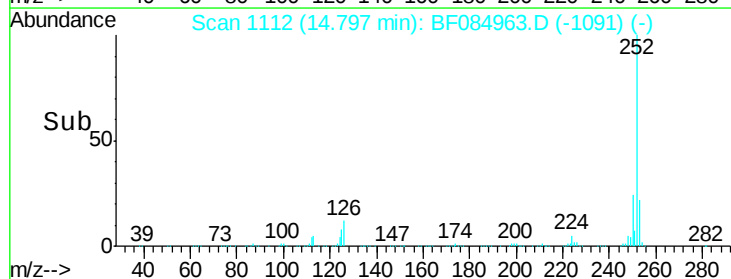
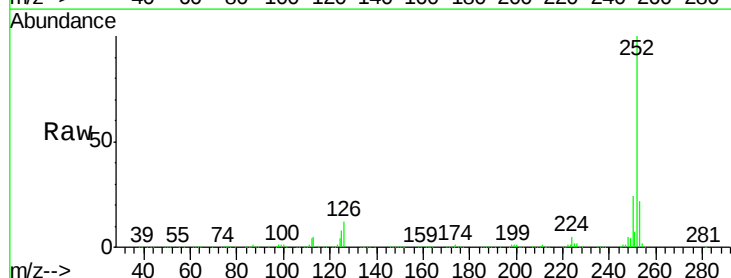
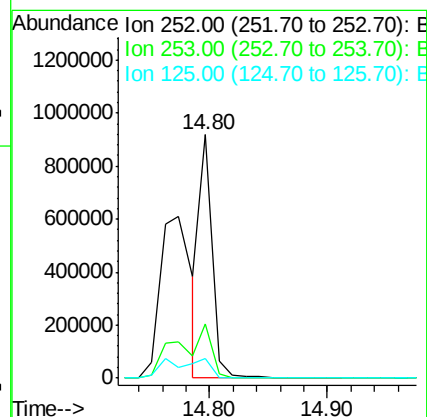
RT: 14.80 min Scan# 1112

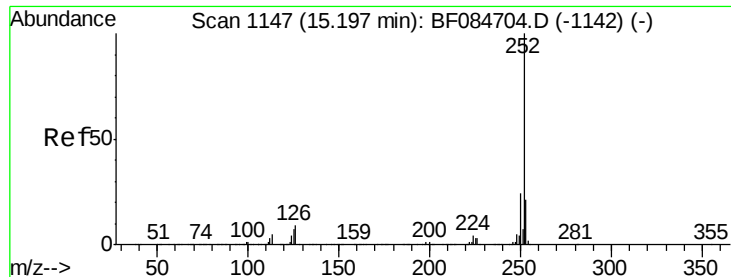
Delta R.T. -0.06 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	252	Resp:	701986
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	8.0	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 38.17 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

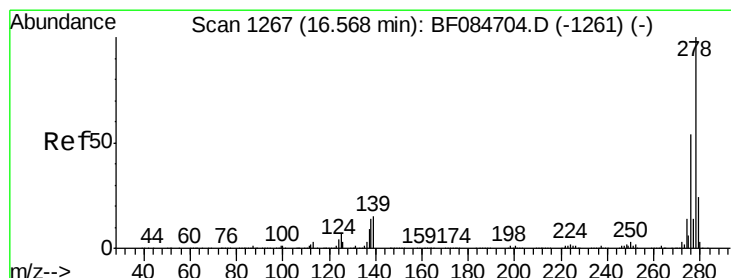
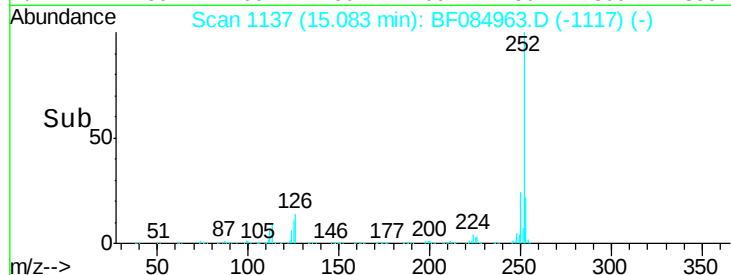
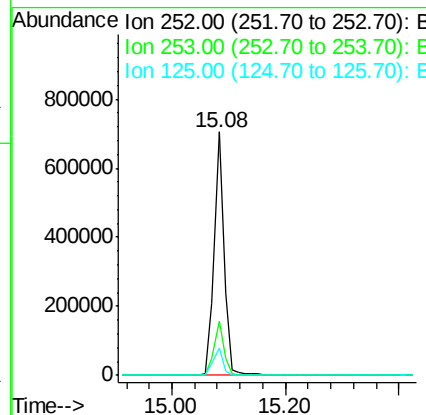
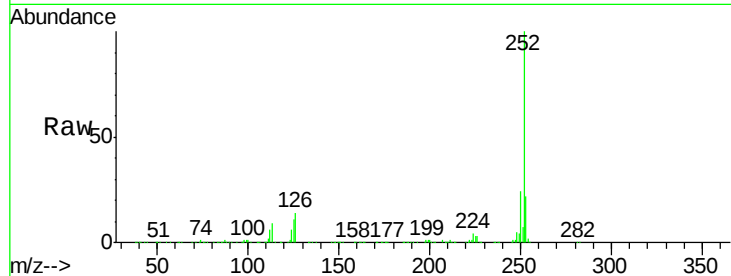
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	822284
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	11.2	7.0	10.4

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM



#90

Dibenzo(a,h)anthracene

Concen: 41.94 ng

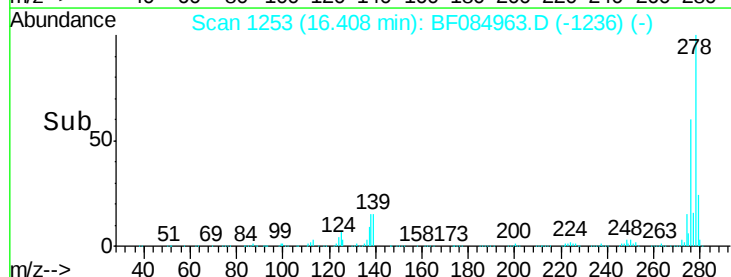
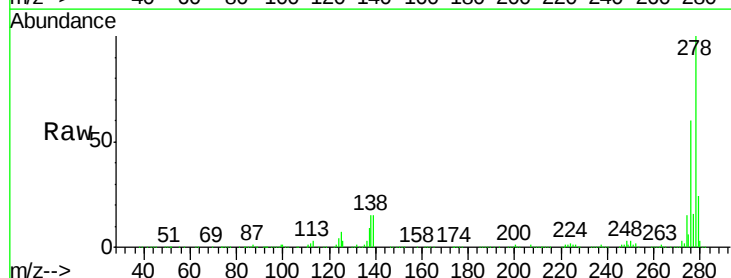
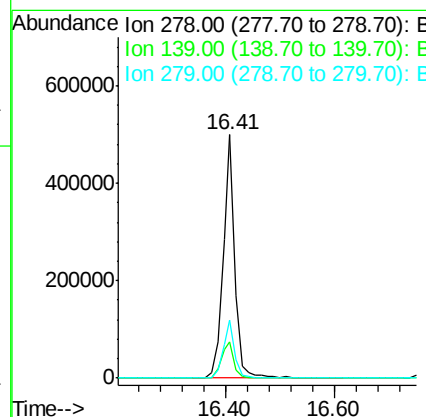
RT: 16.41 min Scan# 1253

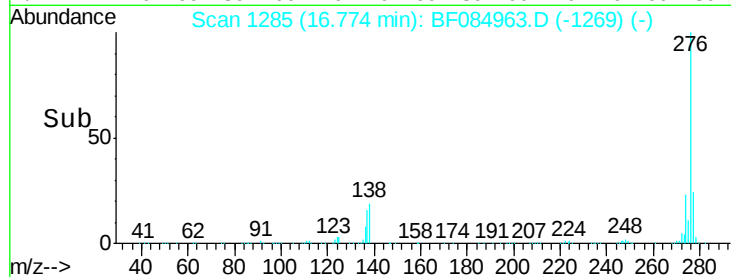
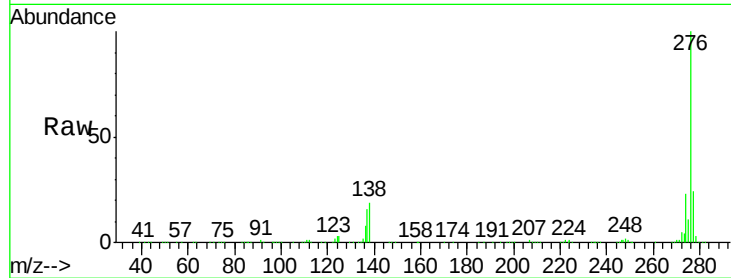
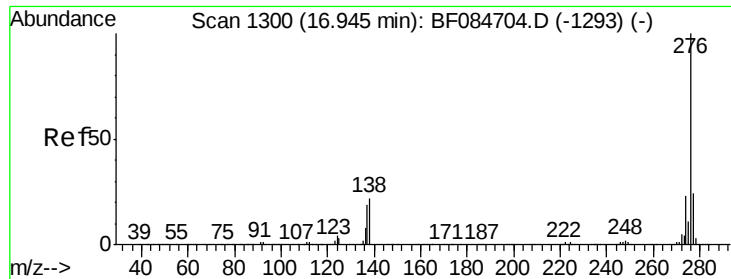
Delta R.T. -0.10 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Tgt Ion:	278	Resp:	760530
Ion Ratio	Lower	Upper	
278	100		
139	14.7	15.0	22.4
279	23.8	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 43.56 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084963.D

Acq: 9 Feb 2016 20:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	795545
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	18.8	17.8	26.6

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:09 PM

