

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090837.D
 Acq On : 26 Oct 2016 12:33
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

sohil
 10/27/2016 3:45:46 PM

Quant Time: Oct 26 16:10:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 15:22:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	187089	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	811039	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	454460	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	730857	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	657494	20.00	ng	0.00
86) Perylene-d12	15.37	264	588763	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	607149	56.74	ng	-0.01
7) Phenol-d6	6.43	99	788481	54.62	ng	-0.01
23) Nitrobenzene-d5	7.36	82	609941	49.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	260454	55.77	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1428816	55.21	ng	-0.01
78) Terphenyl-d14	12.90	244	1400793	53.68	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	146214	26.73	ng	# 75
3) Pyridine	3.05	79	395149	26.64	ng	# 76
4) n-Nitrosodimethylamine	2.99	42	120820	28.92	ng	# 74
6) Aniline	6.45	93	449187	27.24	ng	92
8) 2-Chlorophenol	6.57	128	344038	26.06	ng	92
9) Benzaldehyde	6.33	77	210925	28.29	ng	# 75
10) Phenol	6.44	94	441641	27.76	ng	# 54
11) bis(2-Chloroethyl)ether	6.52	93	354562	26.94	ng	94
12) 1,3-Dichlorobenzene	6.73	146	365733	27.09	ng	# 94
13) 1,4-Dichlorobenzene	6.81	146	387053	27.26	ng	# 95
14) 1,2-Dichlorobenzene	6.96	146	338137m	24.83	ng	
15) Benzyl Alcohol	6.93	79	262754	27.71	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.07	45	316208	24.14	ng	62
17) 2-Methylphenol	7.06	107	255943	25.49	ng	# 85
18) Hexachloroethane	7.30	117	130199	25.19	ng	88
19) n-Nitroso-di-n-propylamine	7.21	70	218103	26.13	ng	# 68
20) 3+4-Methylphenols	7.21	107	316430	27.22	ng	# 66
22) Acetophenone	7.21	105	427089	25.60	ng	# 84
24) Nitrobenzene	7.38	77	339114	25.88	ng	# 82
25) Isophorone	7.62	82	638337	25.39	ng	# 94
26) 2-Nitrophenol	7.70	139	183756	26.18	ng	# 94
27) 2,4-Dimethylphenol	7.73	122	279984	24.63	ng	# 79
28) bis(2-Chloroethoxy)methane	7.84	93	377372	26.39	ng	# 95
29) 2,4-Dichlorophenol	7.94	162	284230	27.01	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	315975	25.98	ng	97
31) Naphthalene	8.10	128	1001588	26.42	ng	98
32) Benzoic acid	7.86	122	191452	23.20	ng	# 73
33) 4-Chloroaniline	8.16	127	414045	27.03	ng	# 98
34) Hexachlorobutadiene	8.22	225	184799	25.84	ng	99
35) Caprolactam	8.52	113	85197	26.08	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	311377	27.21	ng	# 83
37) 2-Methylnaphthalene	8.80	142	659332	26.93	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	316828	25.41	ng	98
40) Hexachlorocyclopentadiene	8.94	237	138553	24.16	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090837.D
 Acq On : 26 Oct 2016 12:33
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

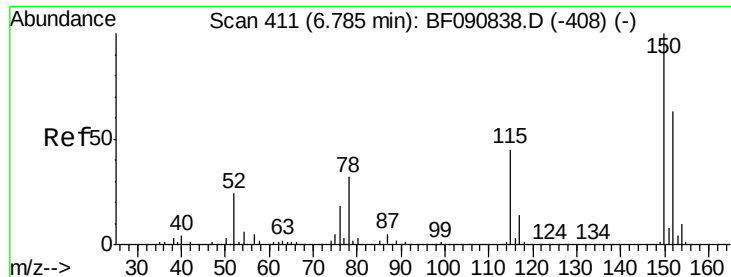
Manual Integrations
 APPROVED

sohil
 10/27/2016 3:45:46 PM

Quant Time: Oct 26 16:10:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 15:22:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	210174	26.11	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	213561	25.74	nq	# 93
45) 1,1'-Biphenyl	9.25	154	818476	25.00	nq	92
46) 2-Chloronaphthalene	9.28	162	626625	25.17	nq	# 91
47) 2-Nitroaniline	9.38	65	194292	27.65	nq	86
48) Acenaphthylene	9.70	152	1023319	27.14	nq	97
49) Dimethylphthalate	9.56	163	783103	25.79	nq	# 98
50) 2,6-Dinitrotoluene	9.62	165	163591	24.40	nq	# 75
51) Acenaphthene	9.87	154	708315	27.28	nq	90
52) 3-Nitroaniline	9.79	138	180573	25.29	nq	# 74
53) 2,4-Dinitrophenol	9.89	184	84620	23.97	nq	# 49
54) Dibenzofuran	10.04	168	923949	27.57	nq	94
55) 4-Nitrophenol	9.96	139	106032	24.36	nq	# 80
56) 2,4-Dinitrotoluene	10.02	165	209009	25.09	nq	# 70
57) Fluorene	10.38	166	762071	27.76	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.16	232	186734	25.22	nq	98
59) Diethylphthalate	10.26	149	827152	27.43	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	363996	27.17	nq	90
61) 4-Nitroaniline	10.41	138	193296	27.34	nq	# 66
62) Azobenzene	10.53	77	868259	29.28	nq	85
64) 4,6-Dinitro-2-methylphenol	10.43	198	125769	25.95	nq	87
65) n-Nitrosodiphenylamine	10.50	169	623881	27.87	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	227381	28.41	nq	# 91
67) Hexachlorobenzene	10.93	284	258841	27.33	nq	# 76
68) Atrazine	11.02	200	204493	29.53	nq	85
69) Pentachlorophenol	11.13	266	127438	25.08	nq	97
70) Phenanthrene	11.34	178	1006610	27.05	nq	97
71) Anthracene	11.39	178	1051627	26.84	nq	96
72) Carbazole	11.55	167	975245	28.19	nq	95
73) Di-n-butylphthalate	11.88	149	1100457	24.67	nq	# 98
74) Fluoranthene	12.52	202	1033401	25.35	nq	95
76) Benzidine	12.65	184	426770	29.73	nq	96
77) Pyrene	12.75	202	1060576	25.58	nq	96
79) Butylbenzylphthalate	13.38	149	507847	26.90	nq	89
80) Benzo(a)anthracene	13.95	228	955318	27.38	nq	97
81) 3,3'-Dichlorobenzidine	13.92	252	389887	28.78	nq	# 92
82) Chrysene	13.99	228	1046170	29.65	nq	94
83) Bis(2-ethylhexyl)phthalate	13.94	149	678116	27.58	nq	# 91
84) Di-n-octyl phthalate	14.56	149	1157360	28.04	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.74	276	853044	27.27	nq	# 91
87) Benzo(b)fluoranthene	14.97	252	902863	22.80	nq	# 88
88) Benzo(k)fluoranthene	15.00	252	940105m	30.05	nq	
89) Benzo(a)pyrene	15.31	252	855141	25.13	nq	# 88
90) Dibenzo(a,h)anthracene	16.75	278	746878	25.93	nq	# 84
91) Benzo(g,h,i)perylene	17.15	276	686710	25.32	nq	# 78

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



#1

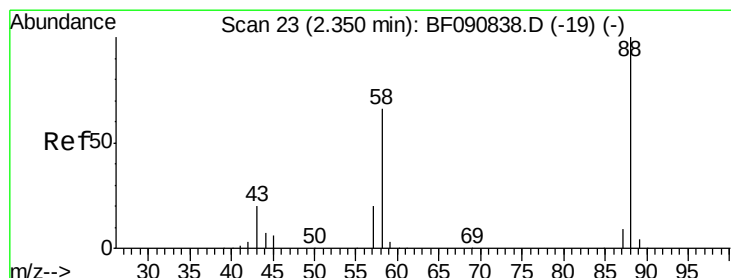
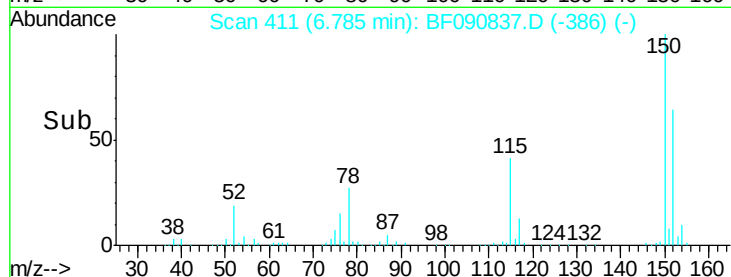
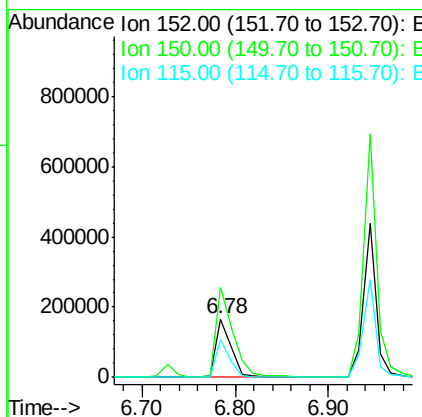
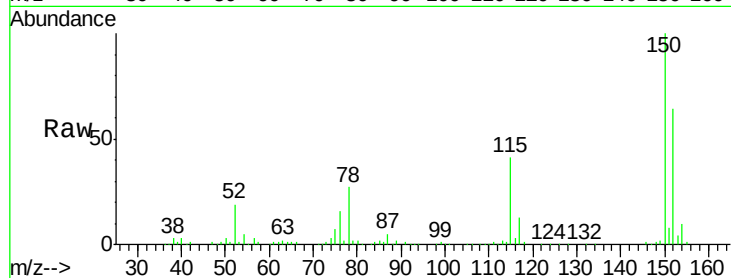
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	64.2	39.0	58.4

Manual Integrations
APPROVED

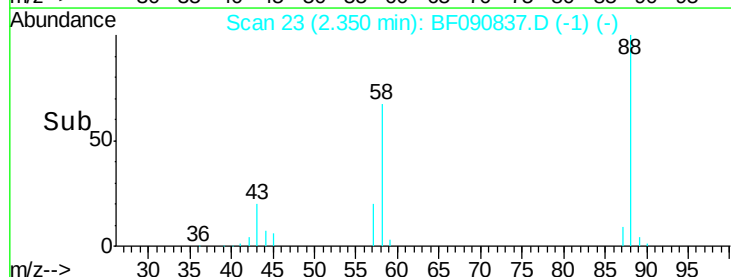
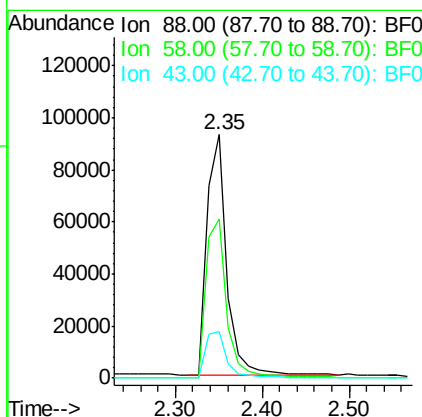
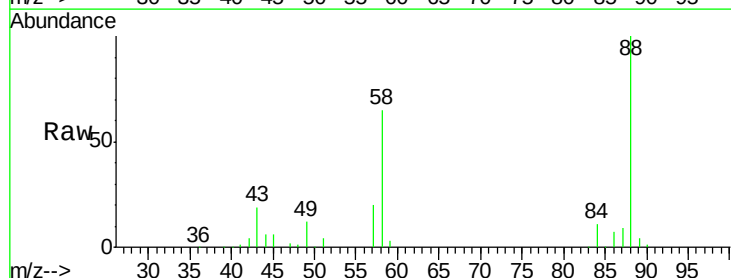
sohil
10/27/2016 3:45:46 PM

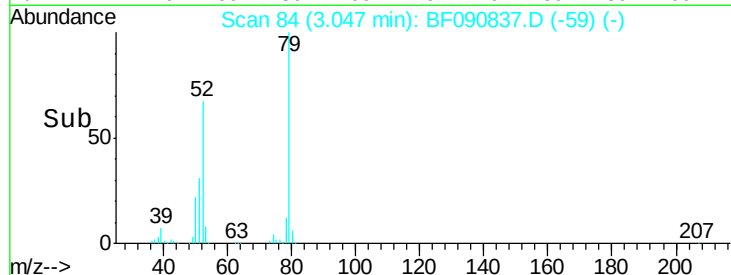
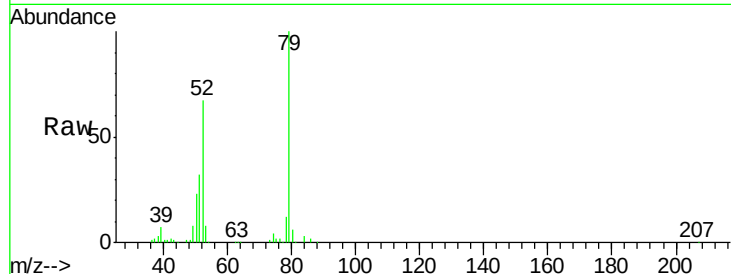
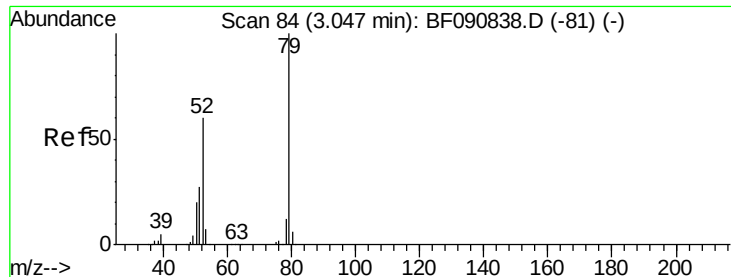


#2

1,4-Dioxane
Concen: 26.73 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	77.7	116.5
43	21.5	26.6	40.0





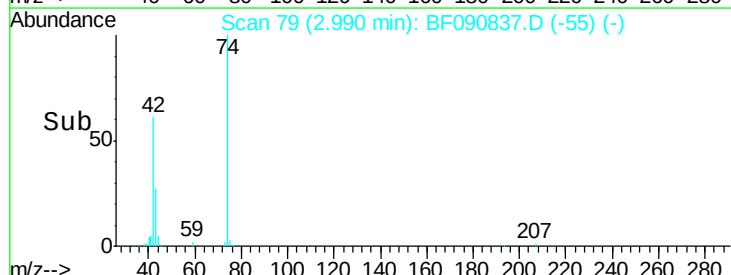
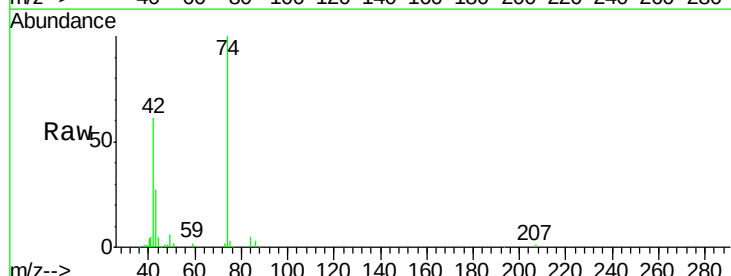
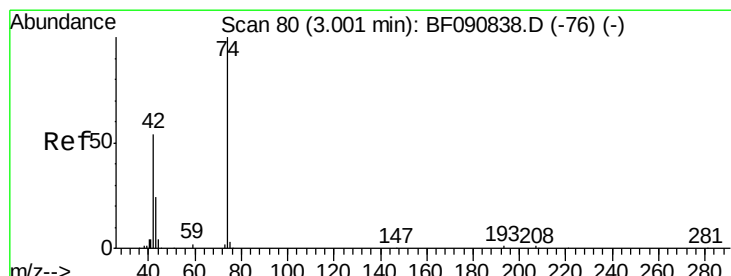
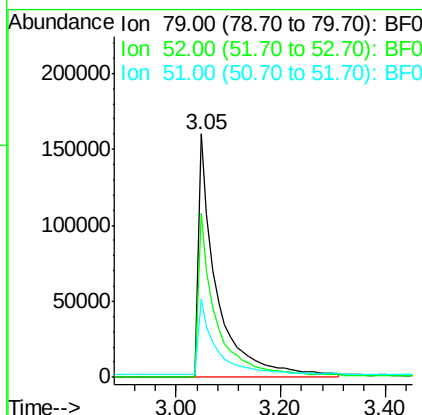
#3
 Pvridine
 Concen: 26.64 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	395149		
52	52	67.4		76.8	115.2#
51	51	32.3		32.2	48.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

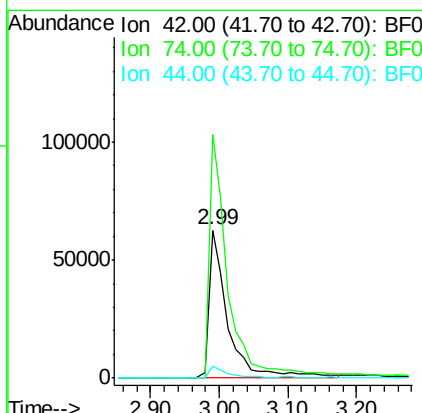
Manual Integrations
 APPROVED

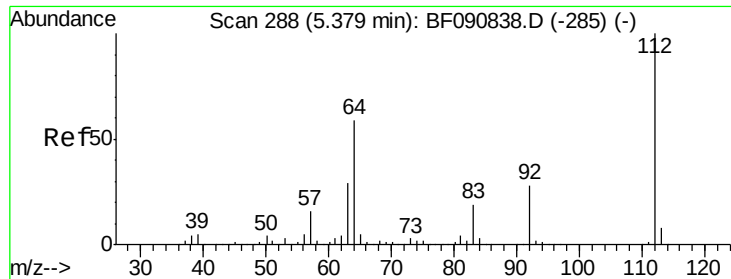
sohil
 10/27/2016 3:45:46 PM



#4
 n-Nitrosodimethylamine
 Concen: 28.92 ng
 RT: 2.99 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	120820		
74	74	164.2		105.0	157.6#
44	44	8.2		6.6	10.0





#5

2-Fluorophenol

Concen: 56.74 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

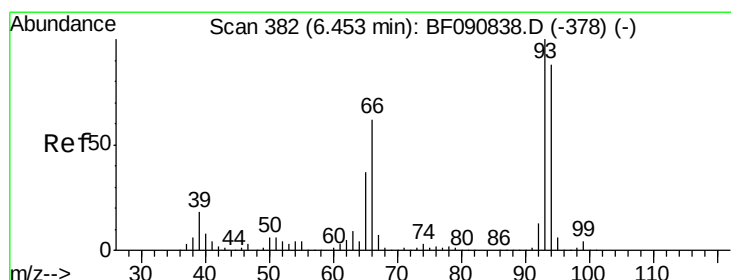
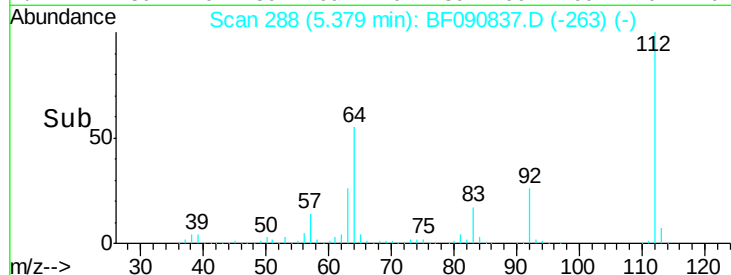
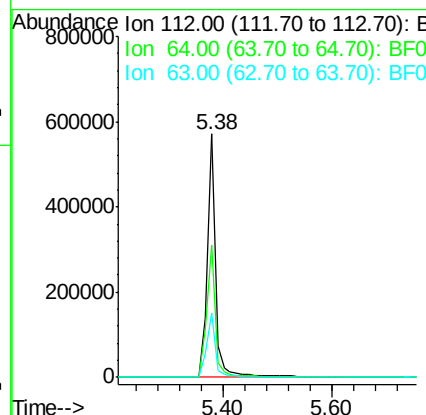
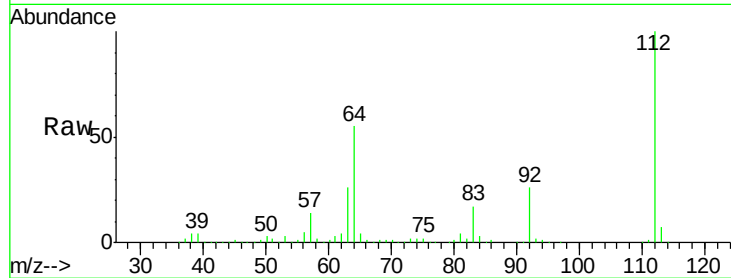
ClientSampleId :

SSTDIC025

Tot Ion:	112	Resp:	607149
Ion Ratio	Lower	Upper	
112	100		
64	54.5	39.7	59.5
63	26.3	17.4	26.0

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#6

Aniline

Concen: 27.24 ng

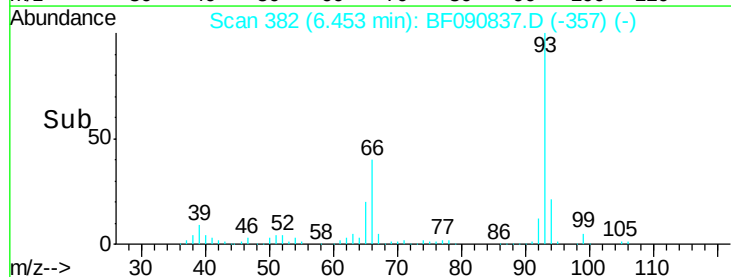
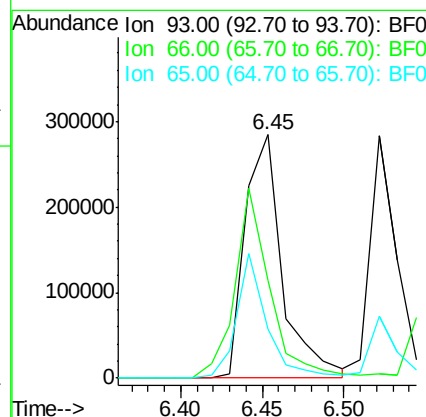
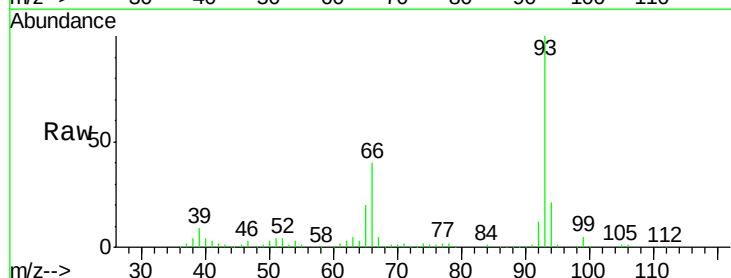
RT: 6.45 min Scan# 382

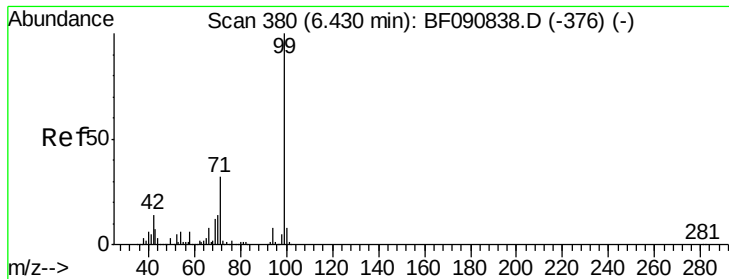
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	93	Resp:	449187
Ion Ratio	Lower	Upper	
93	100		
66	40.0	27.2	40.8
65	20.0	14.7	22.1





#7

Phenol-d6

Concen: 54.62 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

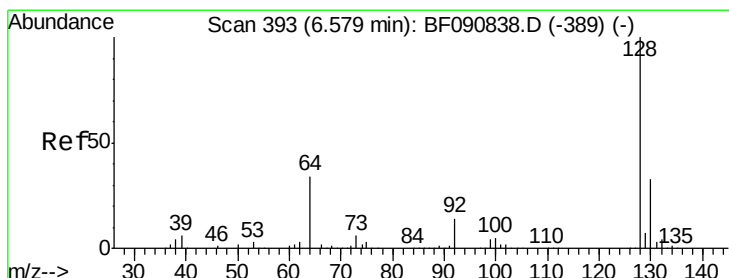
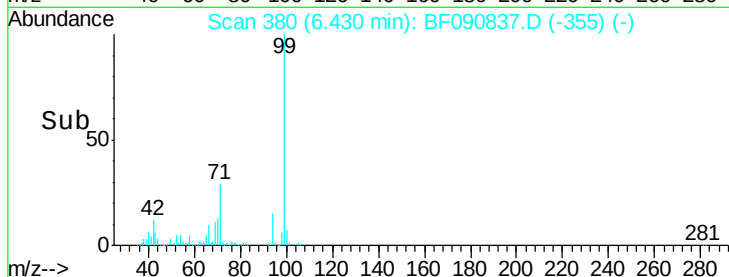
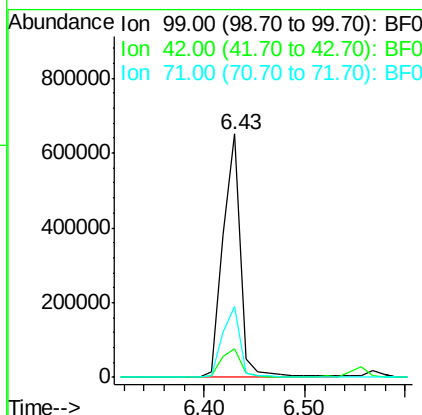
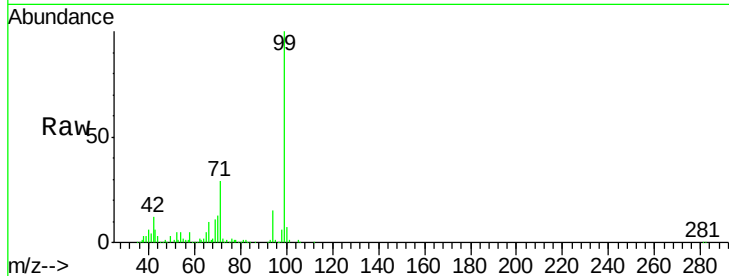
ClientSampleId :

SSTDIC025

Tot Ion:	99	Resp:	788481
Ion Ratio	Lower	Upper	
99	100		
42	11.7	13.7	20.5#
71	28.8	14.2	21.2#

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#8

2-Chlorophenol

Concen: 26.06 ng

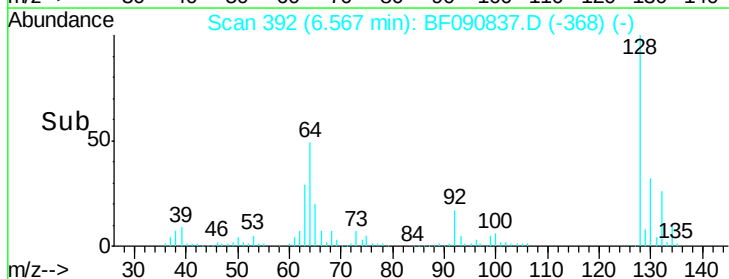
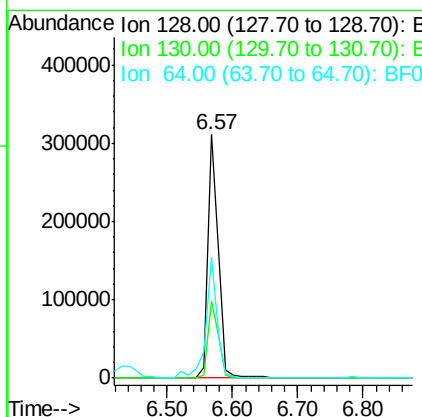
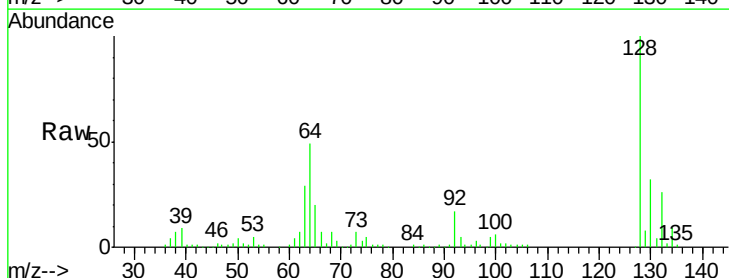
RT: 6.57 min Scan# 392

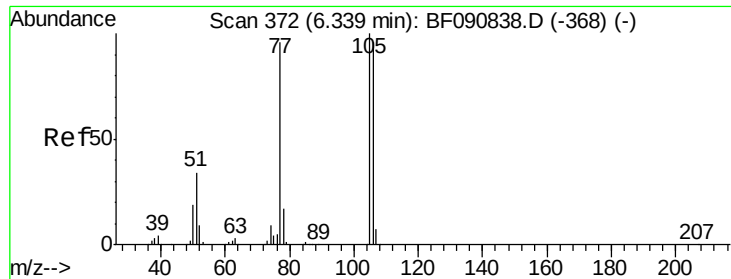
Delta R.T. -0.02 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	128	Resp:	344038
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.2	52.2
64	49.4	20.5	60.5





#9

Benzaldehyde

Concen: 28.29 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

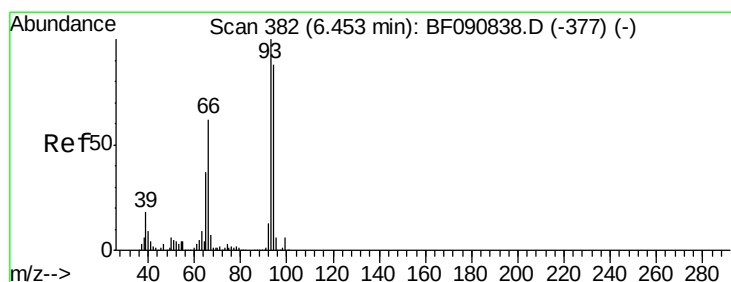
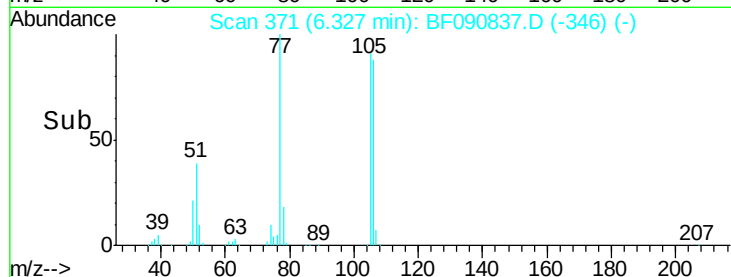
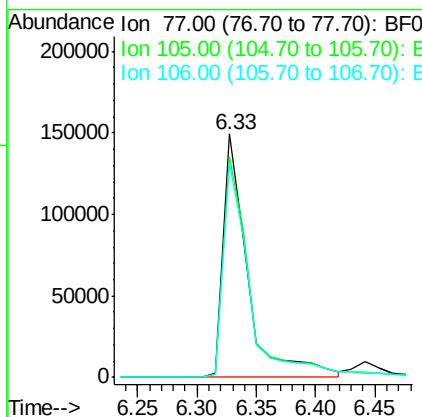
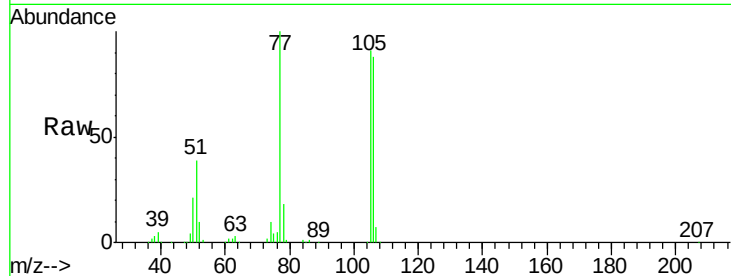
ClientSampleId :

SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	90.8	91.6	131.6#		
106	87.9	102.6	142.6#		

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#10

Phenol

Concen: 27.76 ng

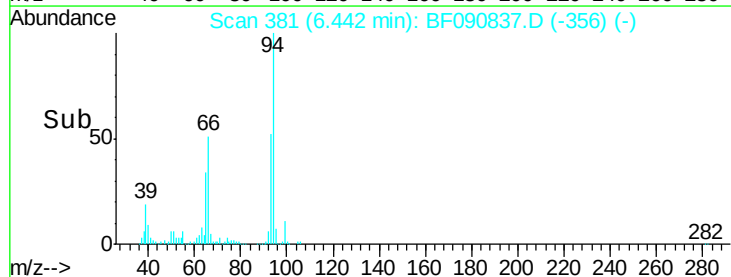
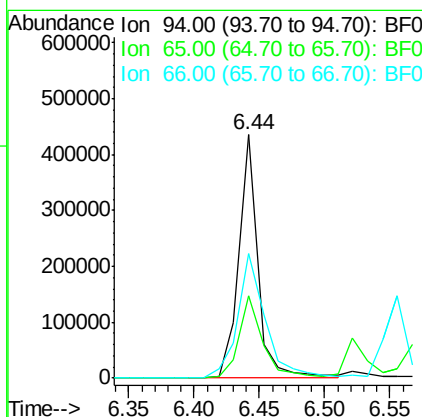
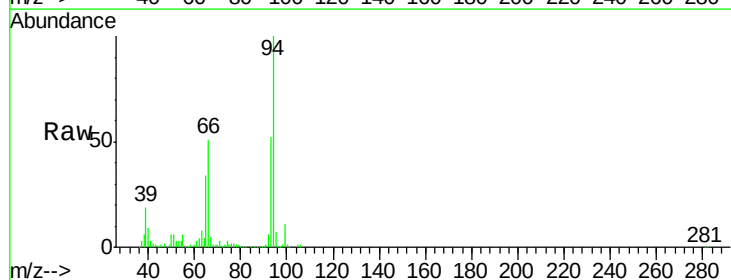
RT: 6.44 min Scan# 381

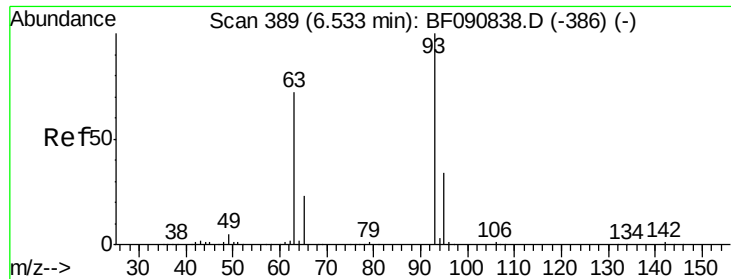
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.6	0.7	40.7		
66	50.9	0.8	40.8#		





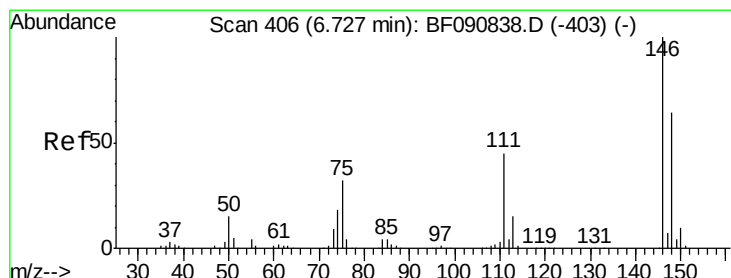
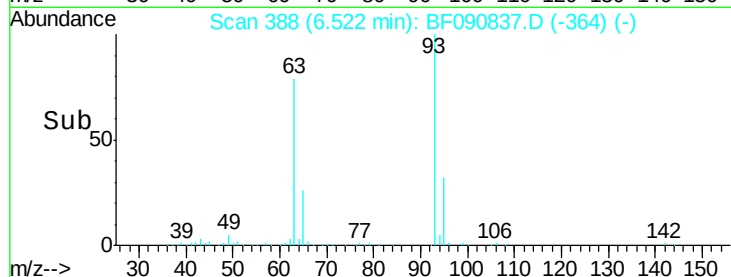
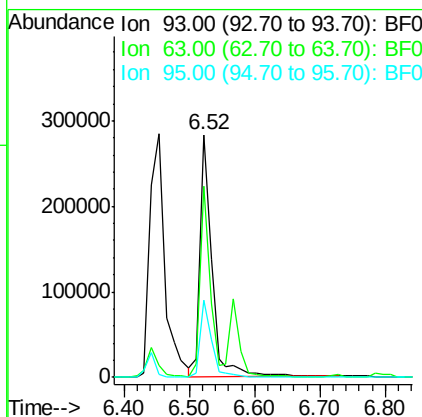
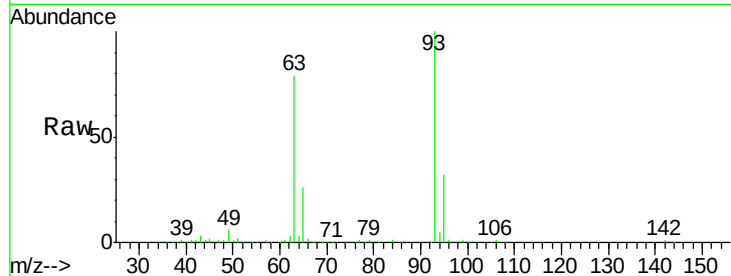
#11
bis(2-Chloroethyl)ether
Concen: 26.94 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	65.6	105.6
95	31.7	13.6	53.6

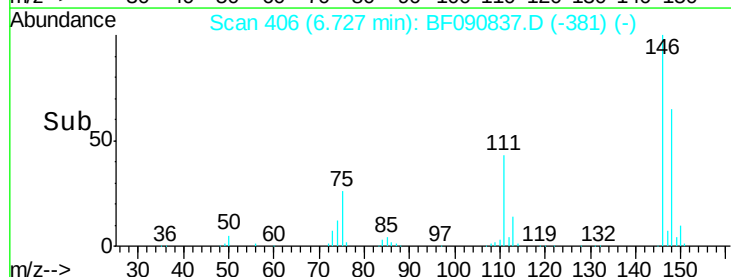
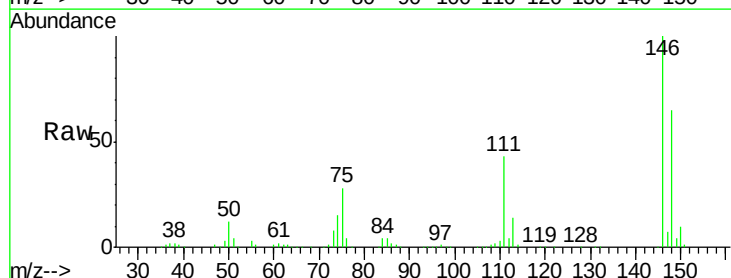
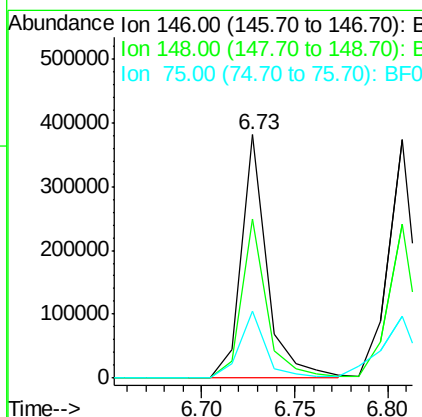
Manual Integrations
APPROVED

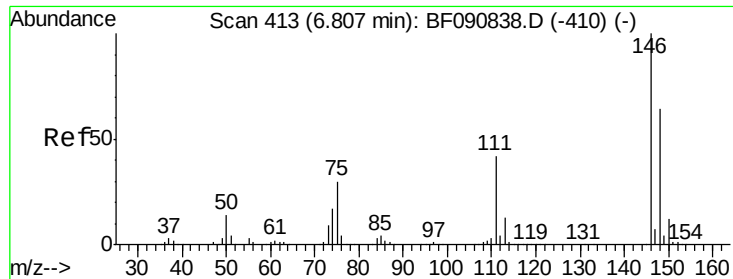
sohil
10/27/2016 3:45:46 PM



#12
1,3-Dichlorobenzene
Concen: 27.09 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.4
75	27.7	15.0	22.6#





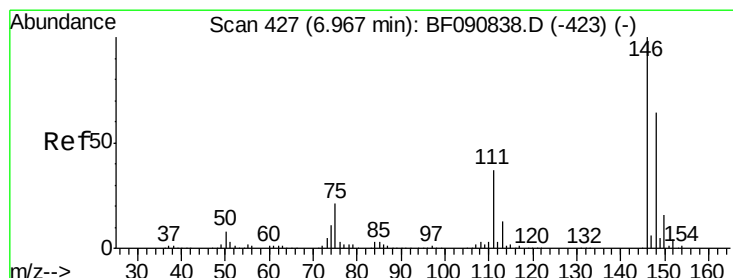
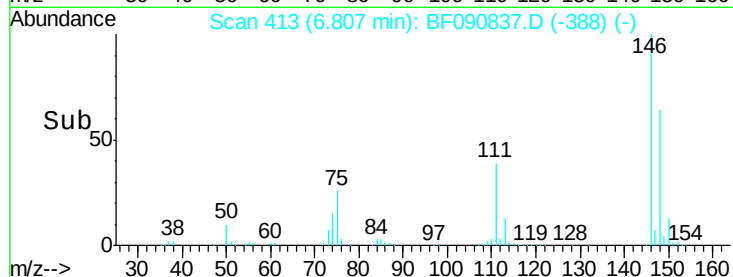
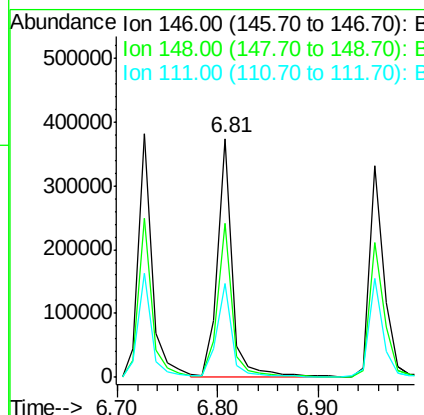
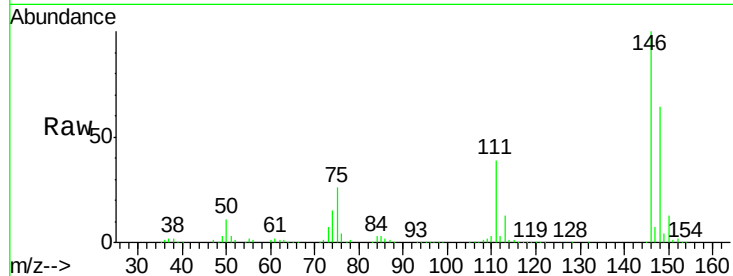
#13
 1,4-Dichlorobenzene
 Concen: 27.26 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	39.4	24.9	37.3

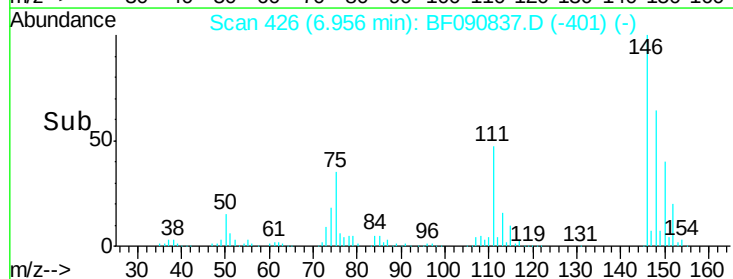
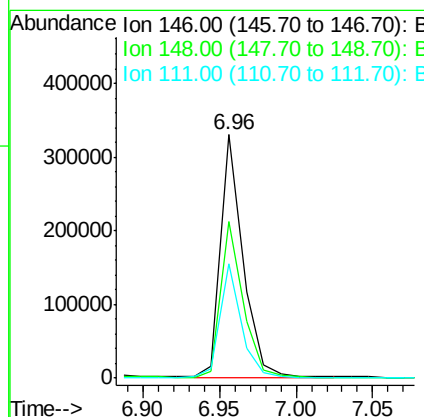
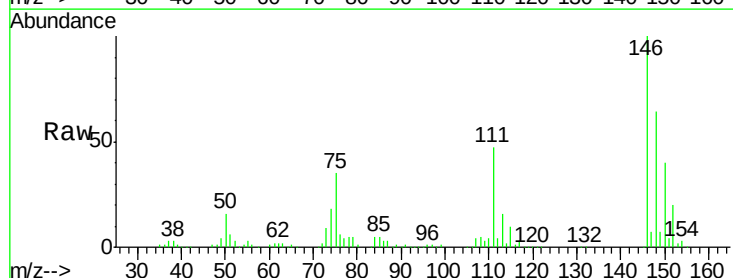
Manual Integrations
 APPROVED

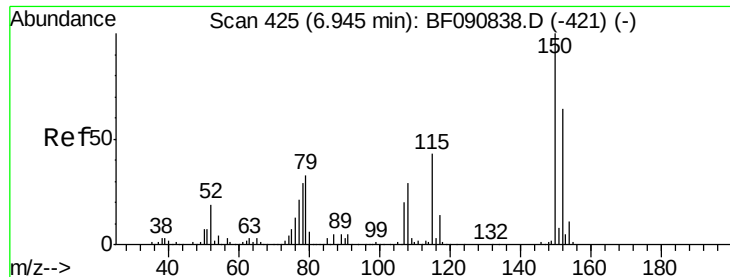
sohil
 10/27/2016 3:45:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 24.83 ng m
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.7	79.1
111	47.0	28.8	43.2





#15

Benzyl Alcohol

Concen: 27.71 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

SSTDIC025

Tot Ion: 79 Resp: 262754

Ion Ratio Lower Upper

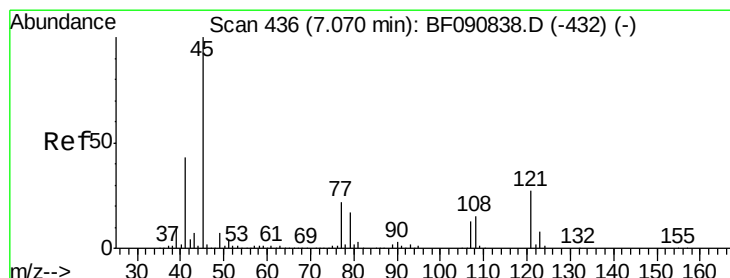
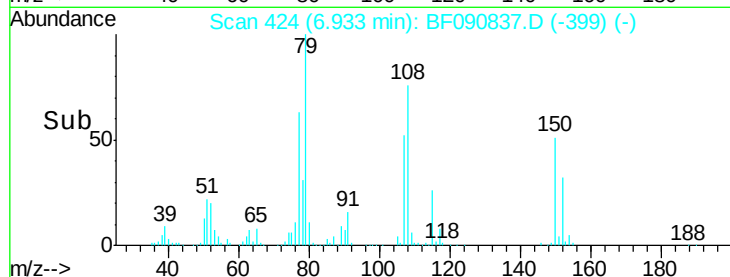
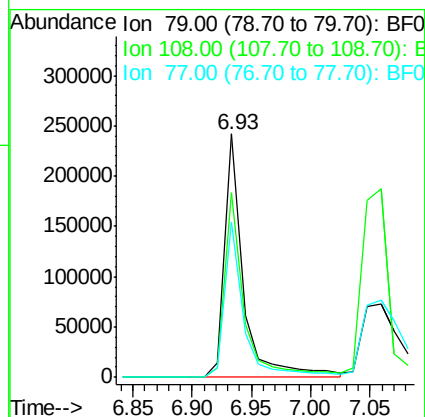
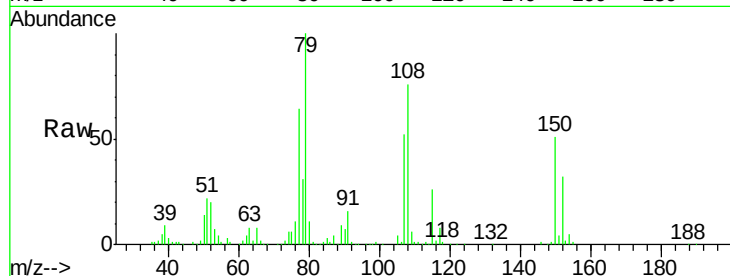
79 100

108 75.8 88.6 132.8#

77 63.6 47.0 70.4

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.14 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

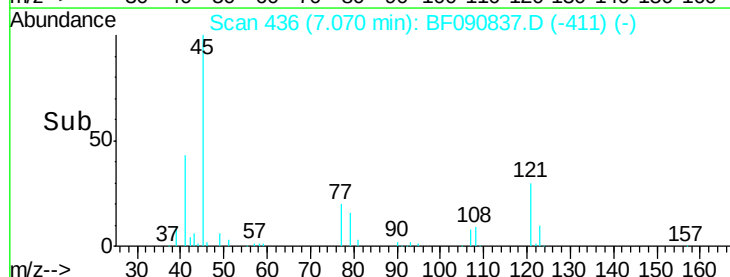
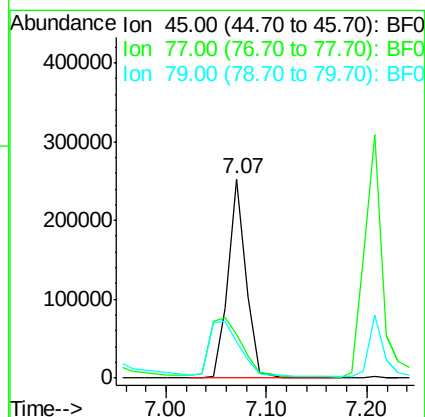
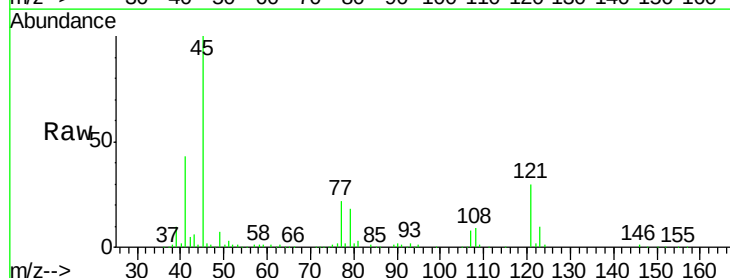
Tgt Ion: 45 Resp: 316208

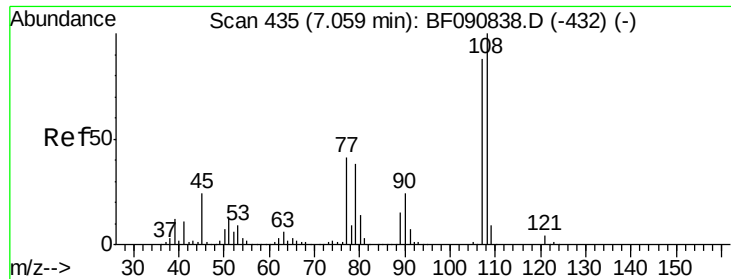
Ion Ratio Lower Upper

45 100

77 22.3 0.0 28.1

79 18.0 0.0 26.0





#17

2-Methylphenol

Concen: 25.49 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

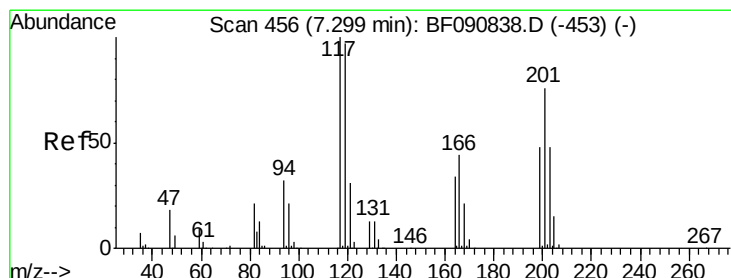
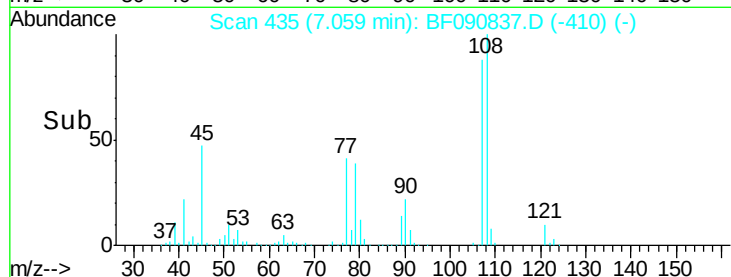
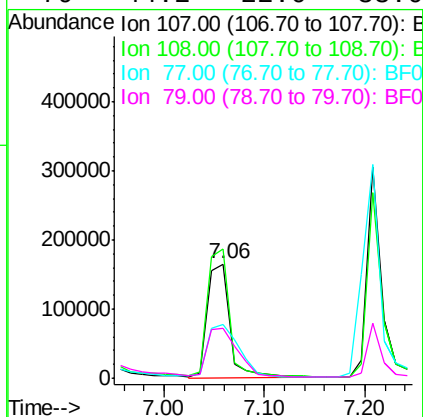
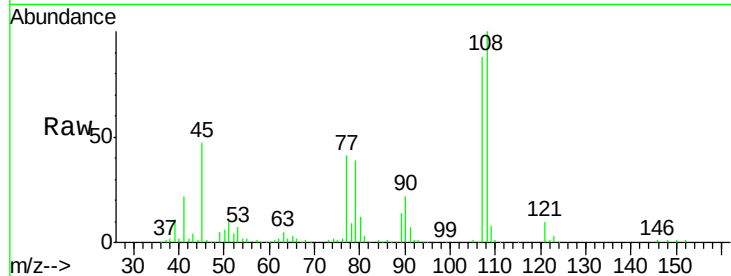
ClientSampled :

SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.9	96.6	145.0		
77	46.9	23.3	34.9#		
79	44.2	22.0	33.0#		

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#18

Hexachloroethane

Concen: 25.19 ng

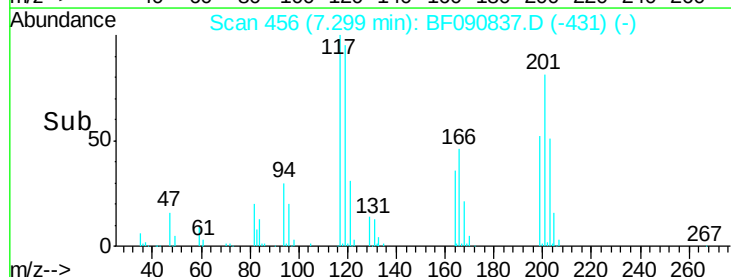
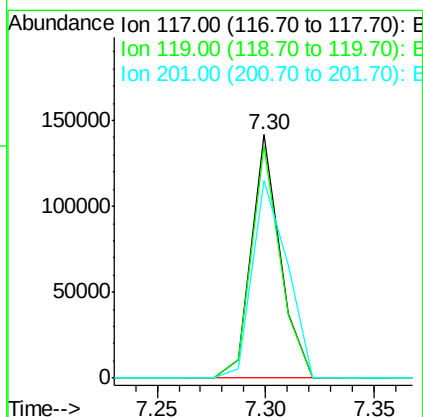
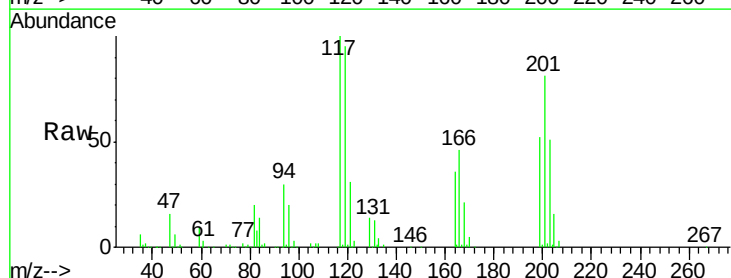
RT: 7.30 min Scan# 456

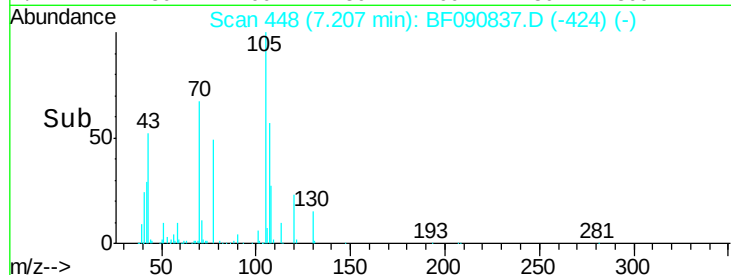
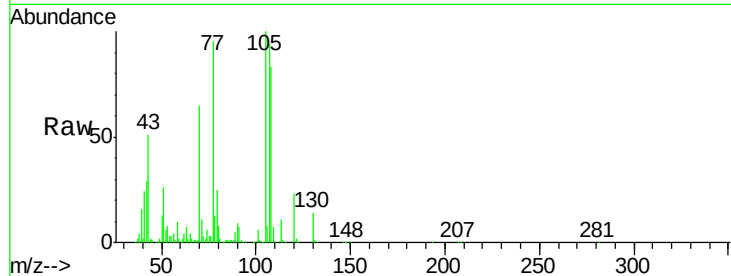
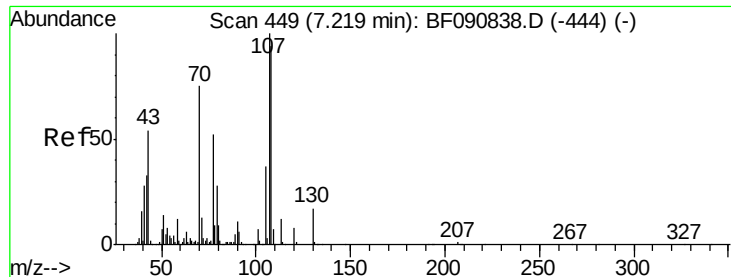
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.4	83.8	125.6		
201	81.4	55.1	82.7		





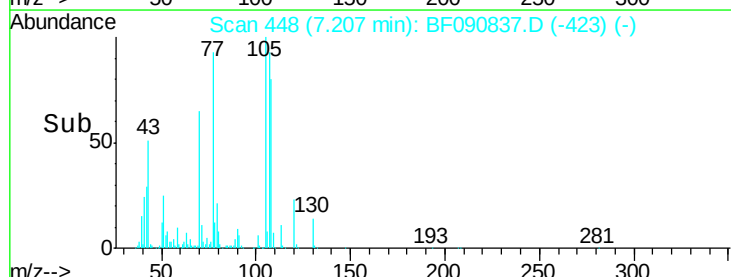
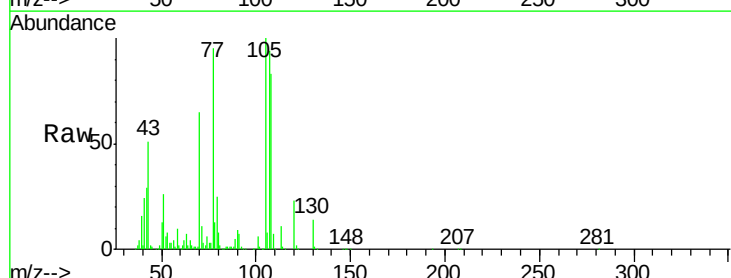
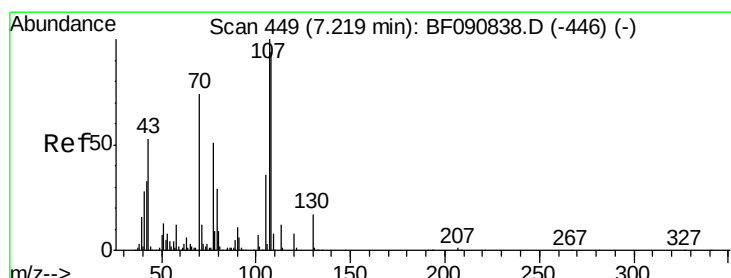
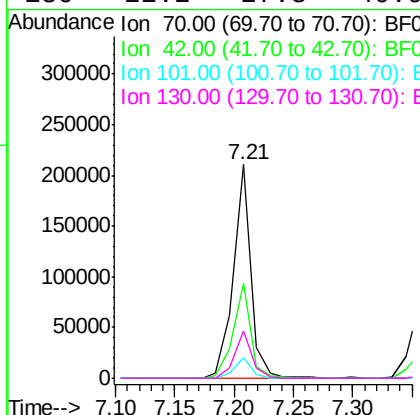
#19
n-Nitroso-di-n-propylamine
Concen: 26.13 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	63.8	95.6#
101	9.7	9.2	13.8
130	22.2	27.3	40.9#

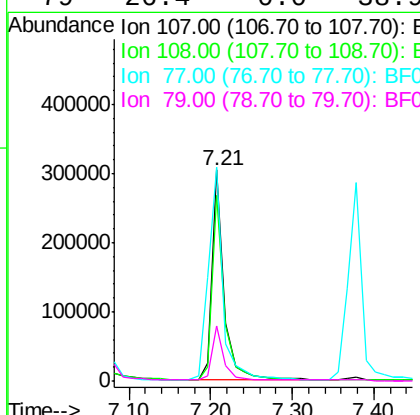
Manual Integrations
APPROVED

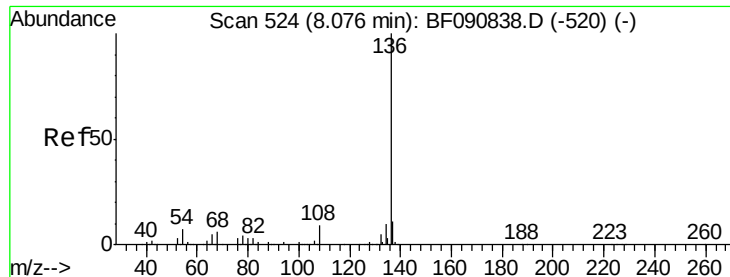
sohil
10/27/2016 3:45:46 PM



#20
3+4-Methylphenols
Concen: 27.22 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.6	114.6
77	101.3	0.7	40.7#
79	26.4	0.0	38.9





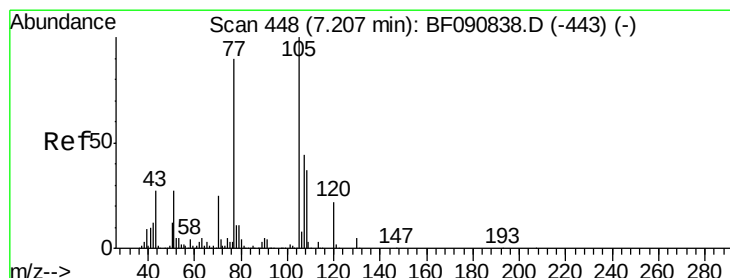
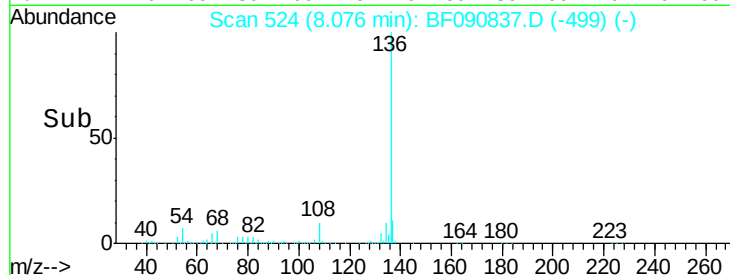
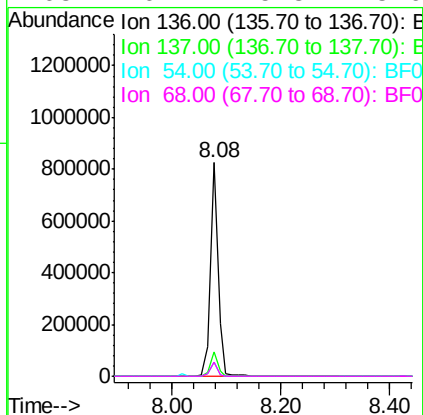
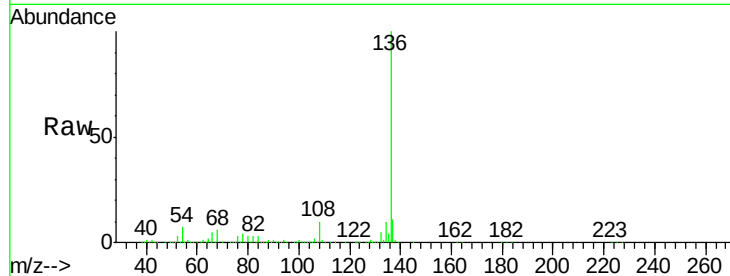
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		811039		
137	11.4		9.0	13.6	
54	6.7		8.2	12.2	
68	6.4		5.8	8.6	

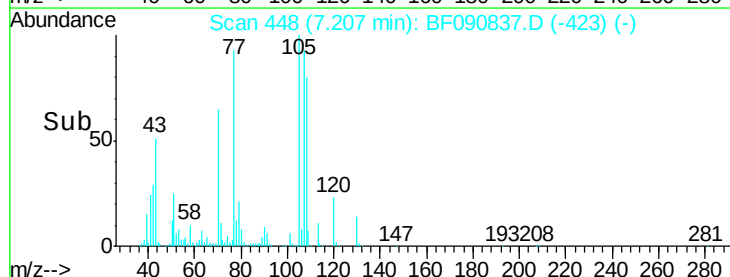
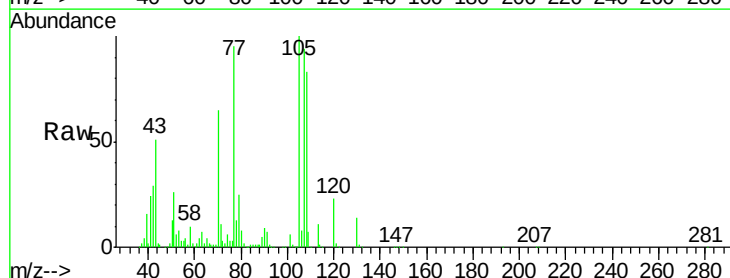
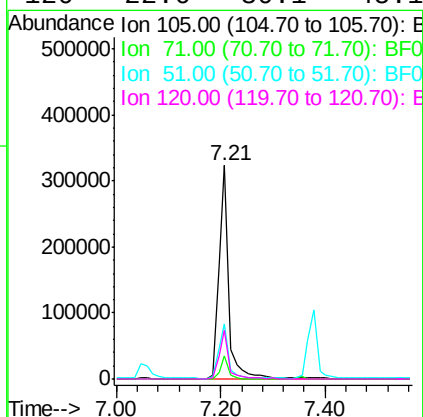
Manual Integrations
APPROVED

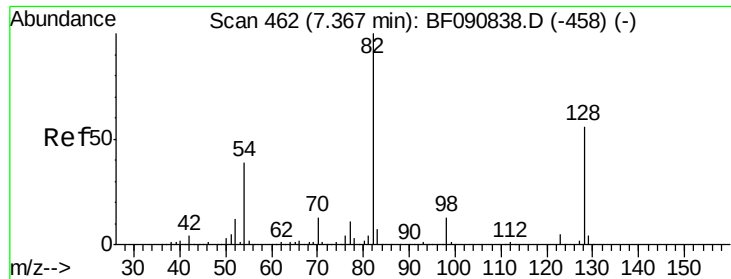
sohil
10/27/2016 3:45:46 PM



#22
Acetophenone
Concen: 25.60 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		427089		
71	10.9		4.7	7.1	
51	26.1		22.0	33.0	
120	22.6		30.1	45.1	





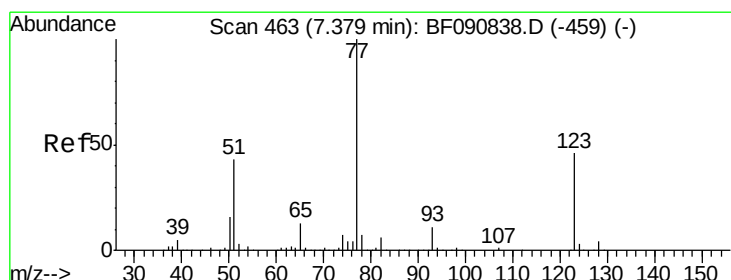
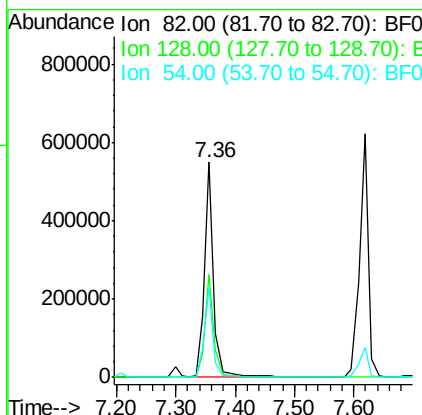
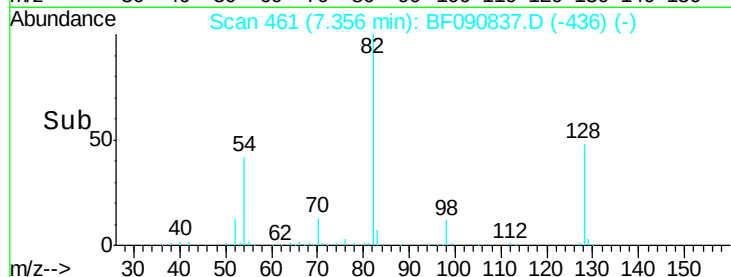
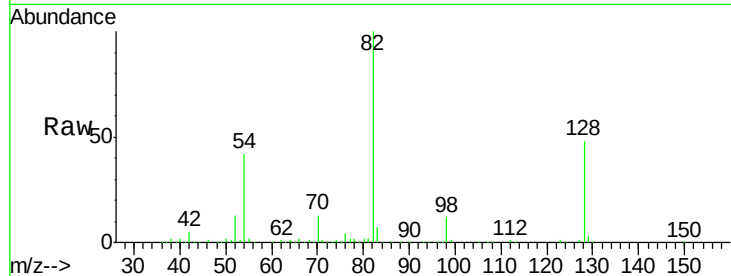
#23
 Nitrobenzene-d5
 Concen: 49.23 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	51.0	76.6#
54	42.1	47.5	71.3#

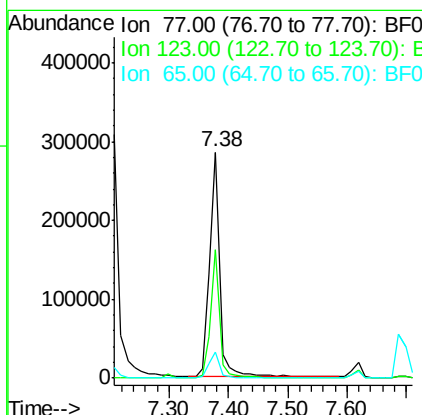
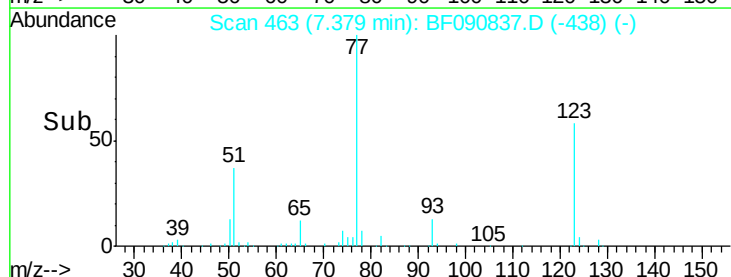
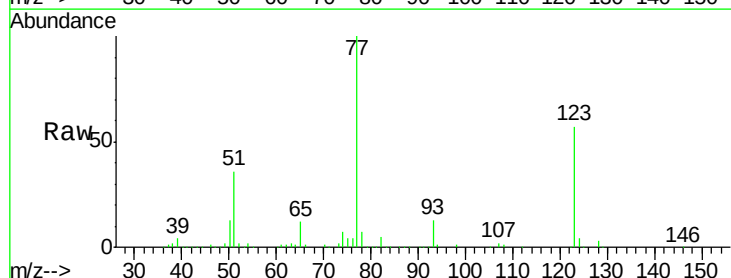
Manual Integrations
 APPROVED

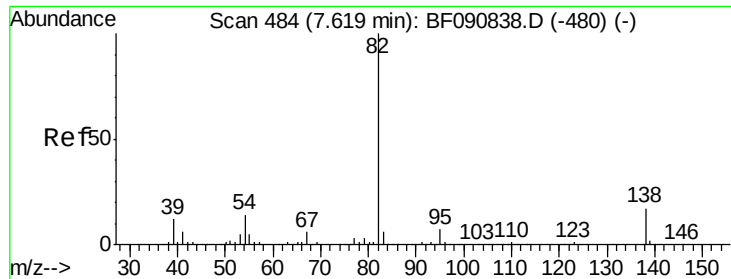
sohil
 10/27/2016 3:45:46 PM



#24
 Nitrobenzene
 Concen: 25.88 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.1	59.8	89.8#
65	11.7	10.2	15.4





#25

Isophorone

Concen: 25.39 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

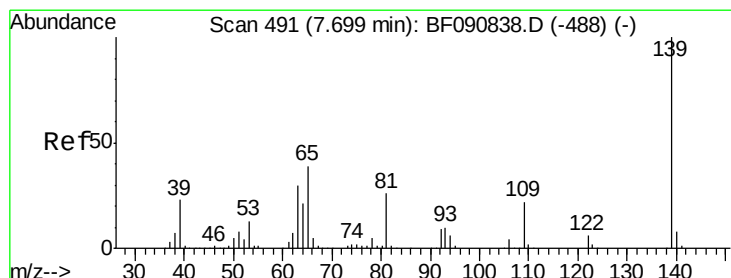
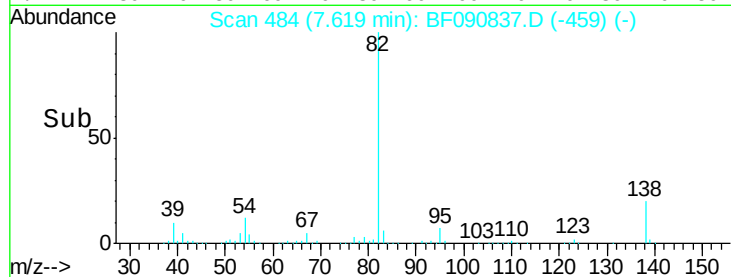
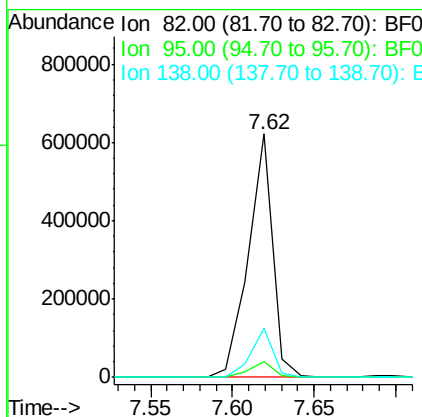
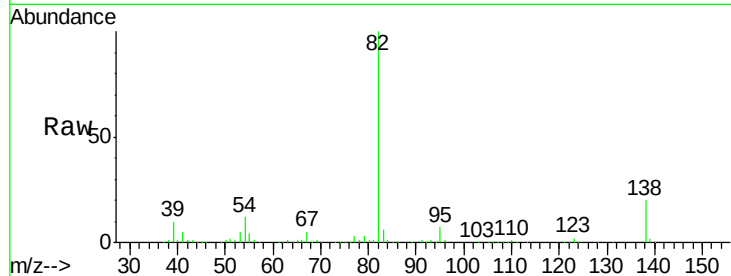
SSTDICC025

Tot Ion: 82 Resp: 638337
Ion Ratio Lower Upper

82	100		
95	6.7	4.0	6.0#
138	19.9	18.3	27.5

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#26

2-Nitrophenol

Concen: 26.18 ng

RT: 7.70 min Scan# 491

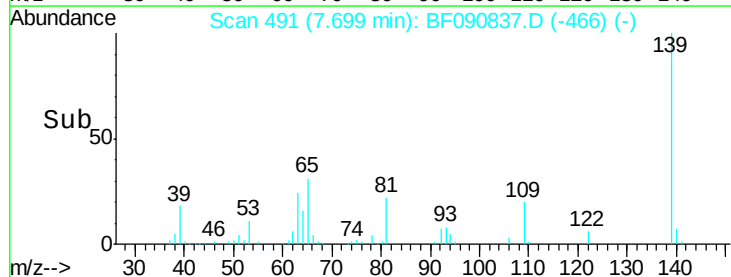
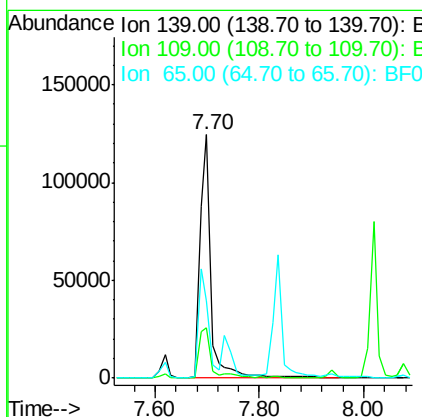
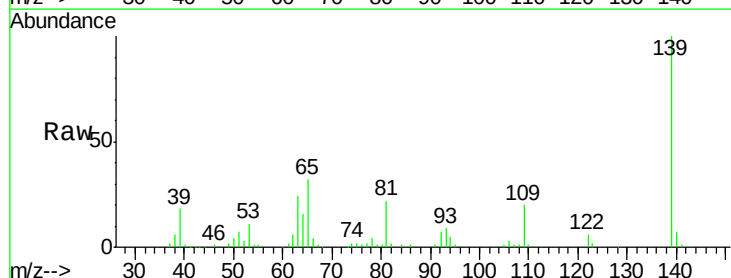
Delta R.T. -0.01 min

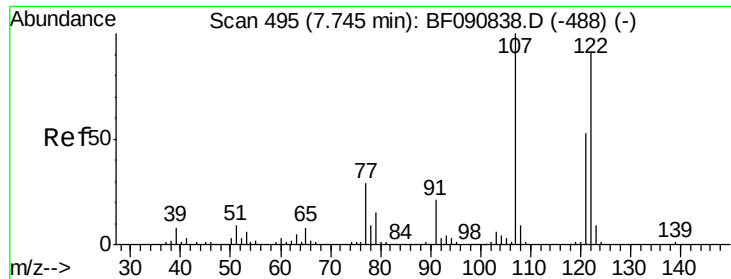
Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion: 139 Resp: 183756
Ion Ratio Lower Upper

139	100		
109	20.4	11.0	16.4#
65	31.8	24.7	37.1





#27

2,4-Dimethylphenol

Concen: 24.63 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

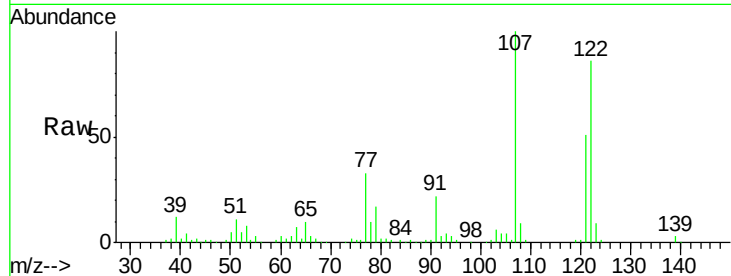
ClientSampleId :

SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		279984		
107	116.1	71.8	107.6#		
121	59.5	42.3	63.5		

Manual Integrations
APPROVED

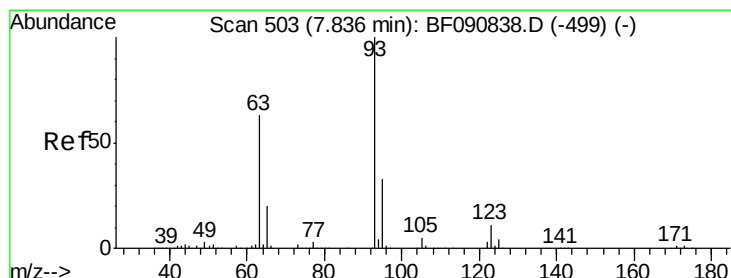
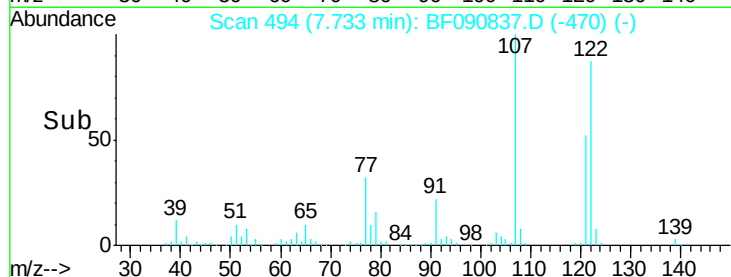
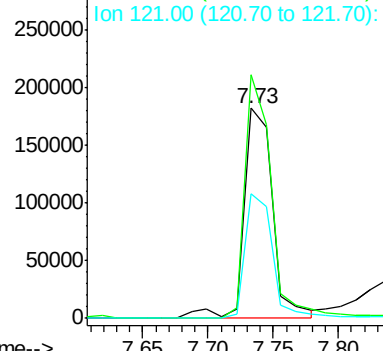
sohil
10/27/2016 3:45:46 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.39 ng

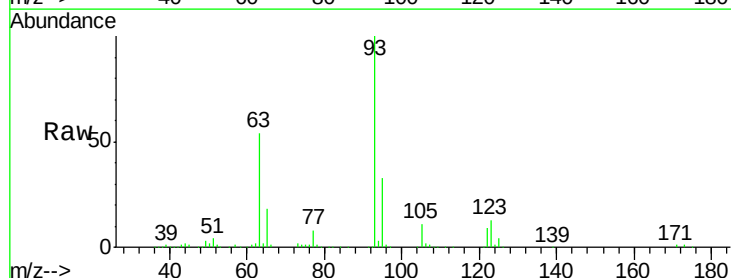
RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

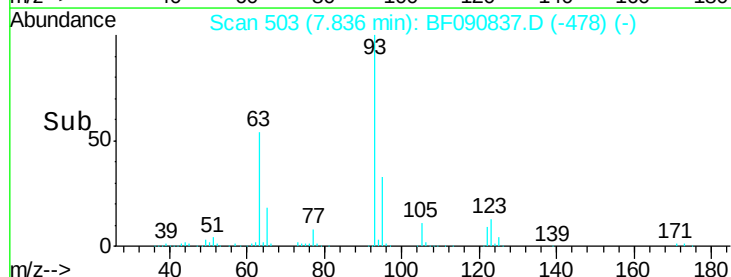
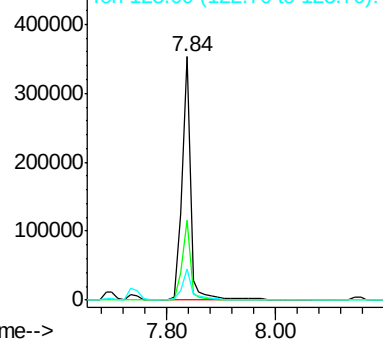
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		377372		
95	33.0	27.5	41.3		
123	12.9	13.7	20.5#		

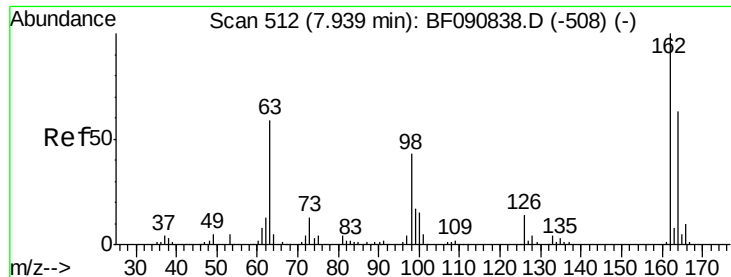


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





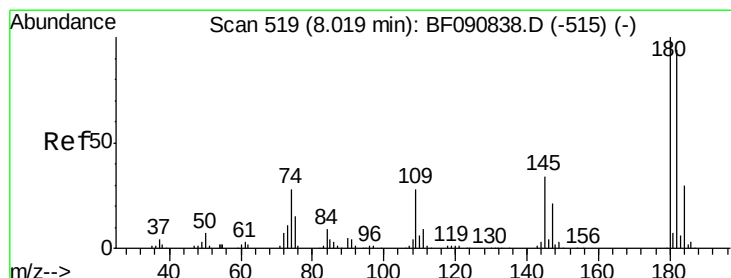
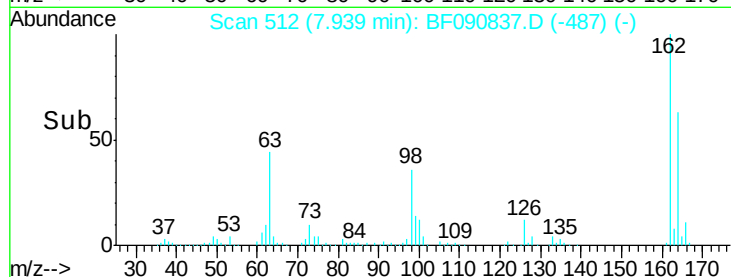
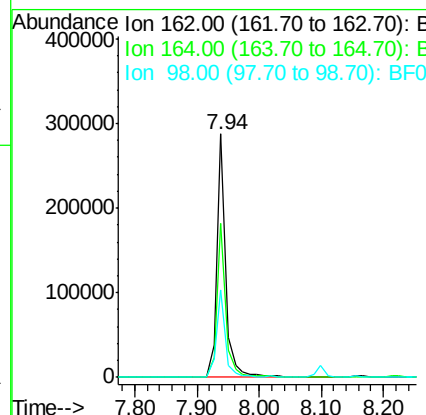
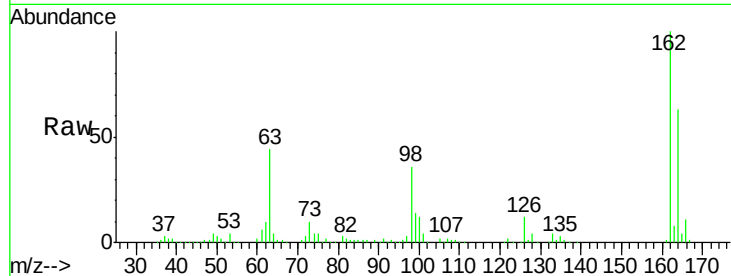
#29
 2,4-Dichlorophenol
 Concen: 27.01 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	162	Resp:	284230
Ion Ratio		Lower	Upper
162	100		
164	63.4	44.9	84.9
98	35.8	13.0	53.0

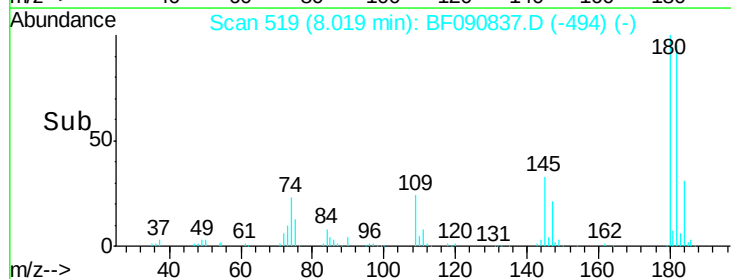
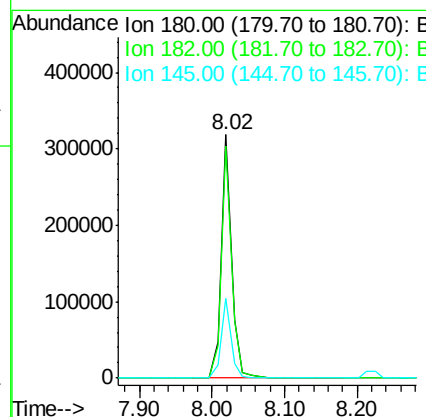
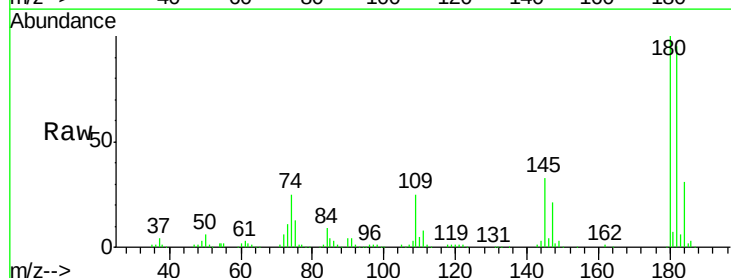
Manual Integrations
 APPROVED

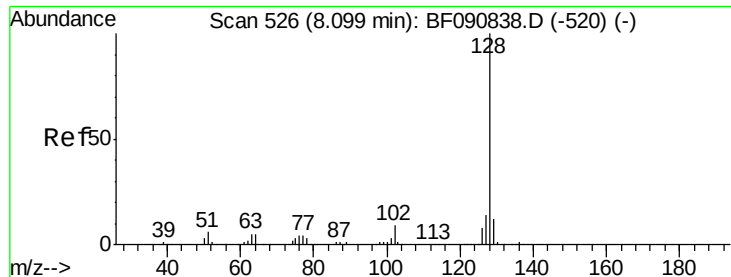
sohil
 10/27/2016 3:45:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 25.98 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:	180	Resp:	315975
Ion Ratio		Lower	Upper
180	100		
182	95.2	77.1	115.7
145	32.6	23.3	34.9





#31

Naphthalene

Concen: 26.42 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 1001588

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

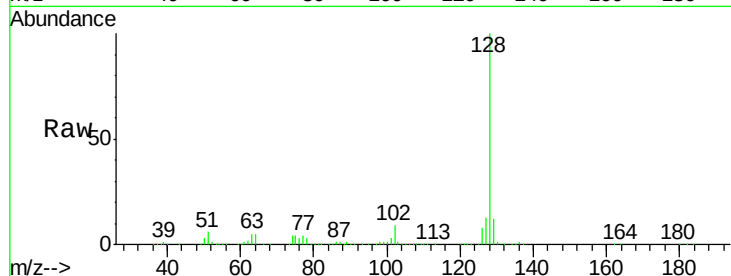
127 13.3 9.9 14.9

Manual Integrations

APPROVED

sohil

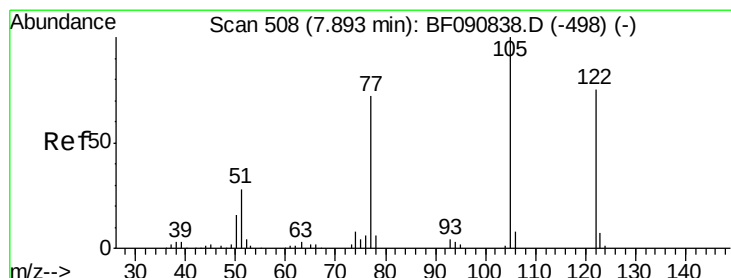
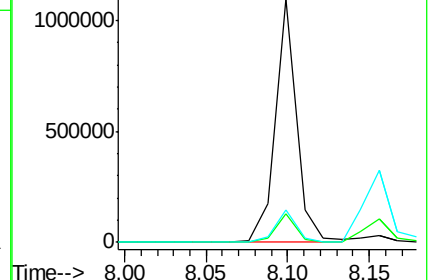
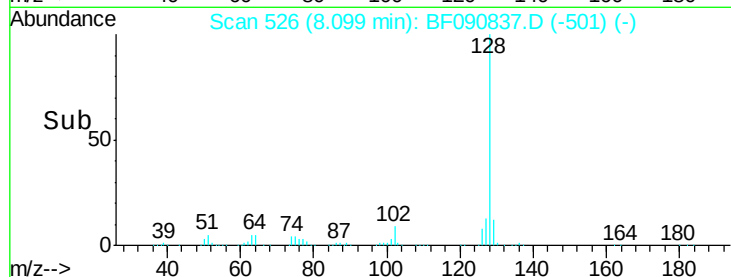
10/27/2016 3:45:46 PM



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.20 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.05 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

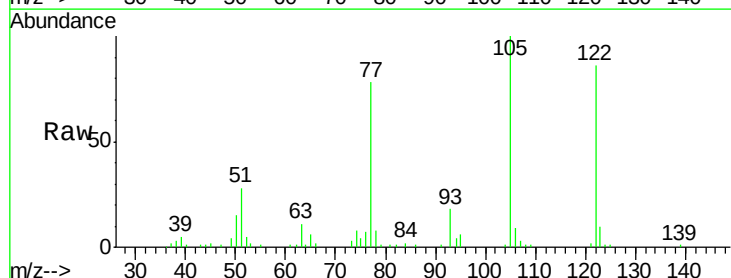
Tgt Ion:122 Resp: 191452

Ion Ratio Lower Upper

122 100

105 115.6 76.1 116.1

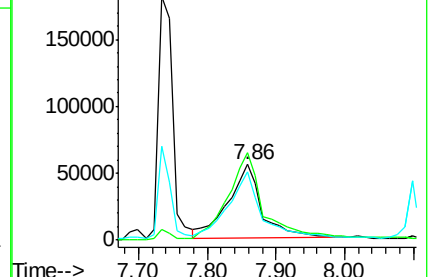
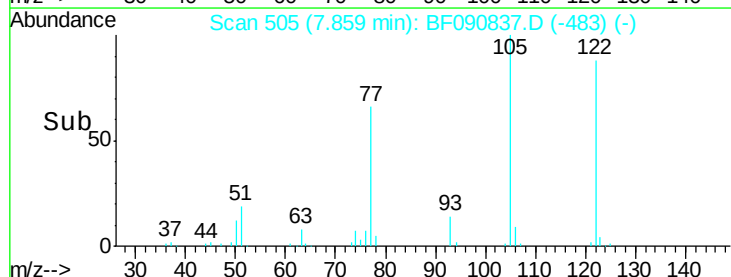
77 89.6 40.5 80.5#

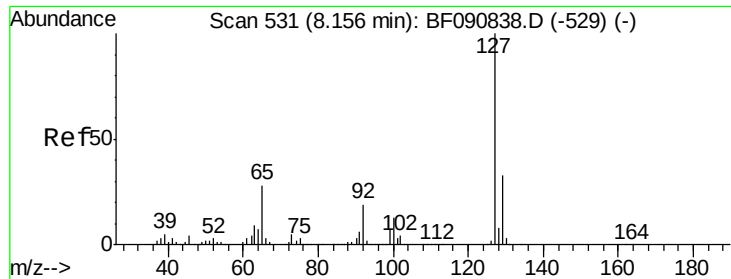


Abundance Ion 122.00 (121.70 to 122.70): E

250000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





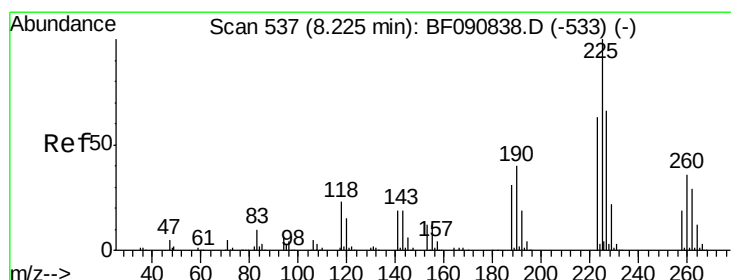
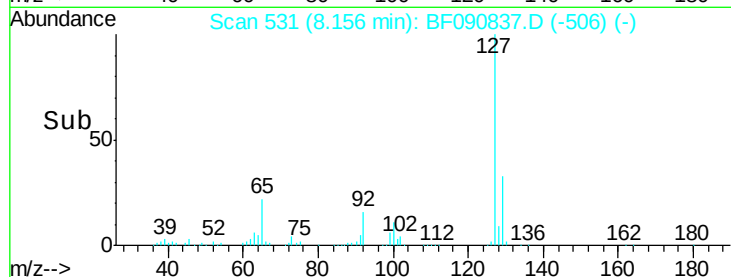
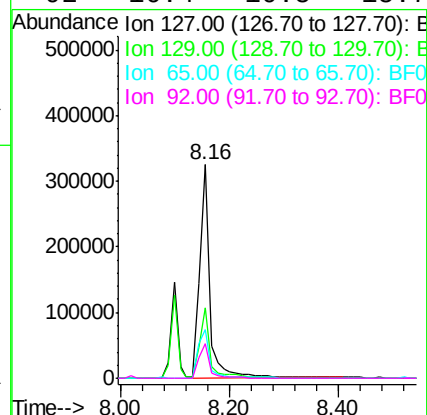
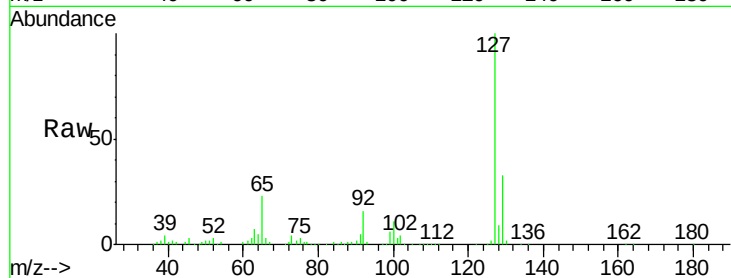
#33
4-Chloroaniline
Concen: 27.03 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		414045		
129	32.8	25.8	38.6		
65	22.9	17.9	26.9		
92	16.4	10.5	15.7		

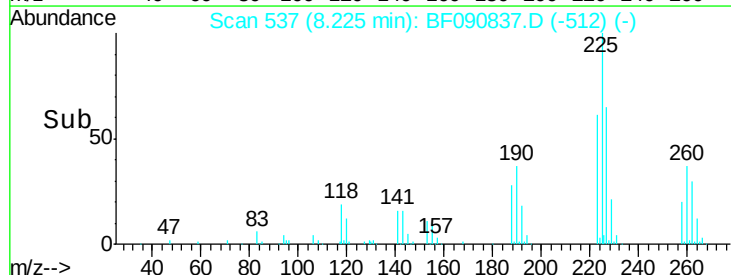
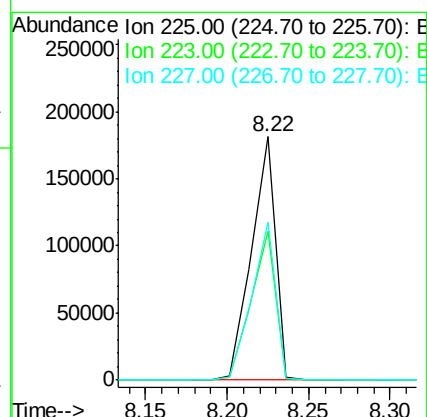
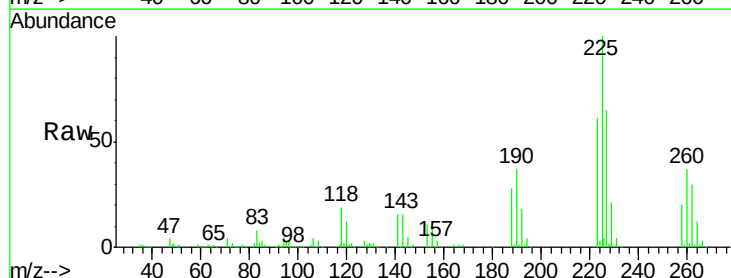
Manual Integrations
APPROVED

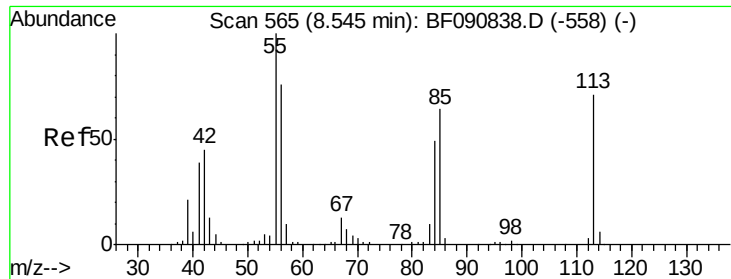
sohil
10/27/2016 3:45:46 PM



#34
Hexachlorobutadiene
Concen: 25.84 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		184799		
223	61.1	50.2	75.2		
227	65.0	52.2	78.2		





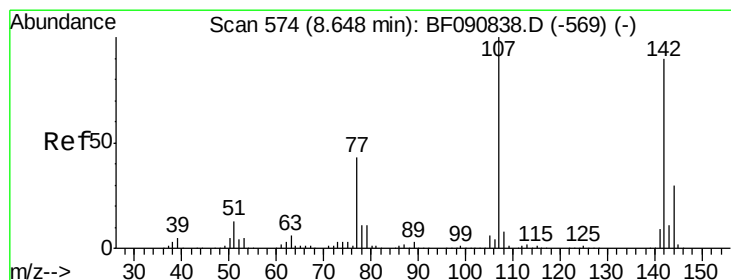
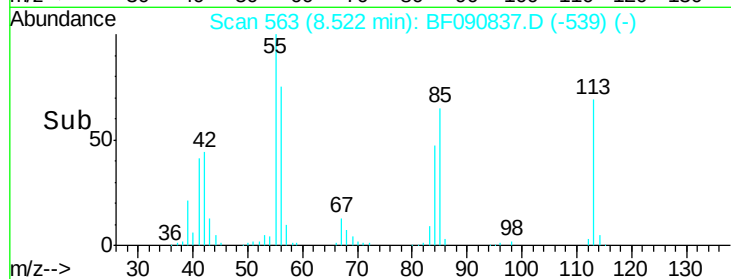
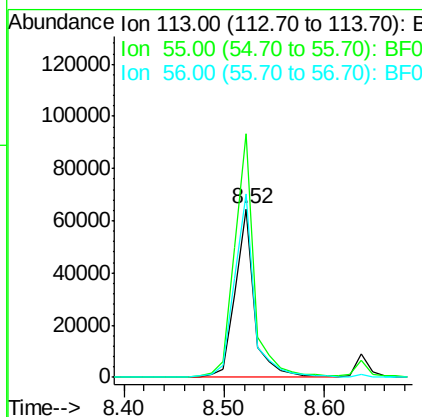
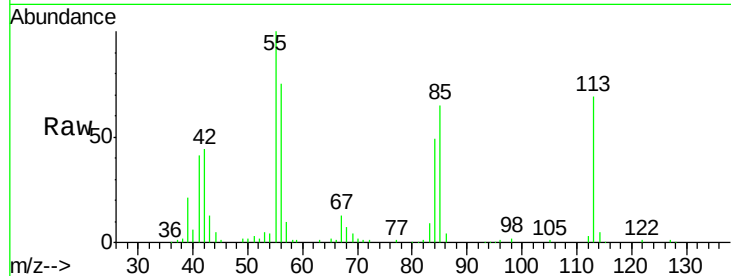
#35
 Caprolactam
 Concen: 26.08 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:113 Resp: 85197
 Ion Ratio Lower Upper
 113 100
 55 144.6 152.4 192.4#
 56 108.6 104.6 144.6

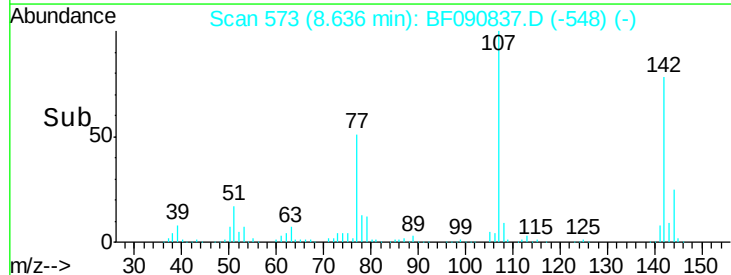
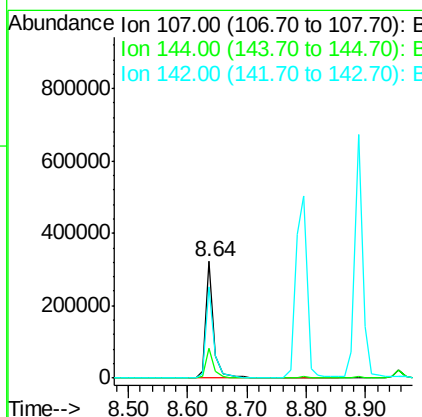
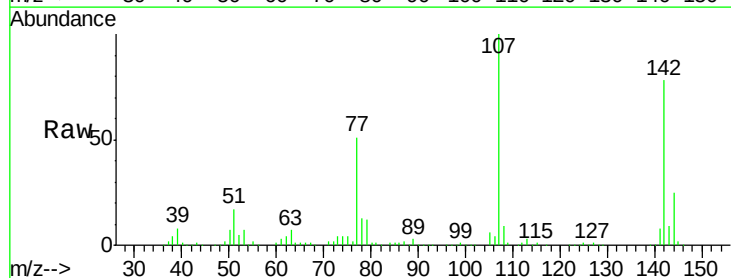
Manual Integrations
 APPROVED

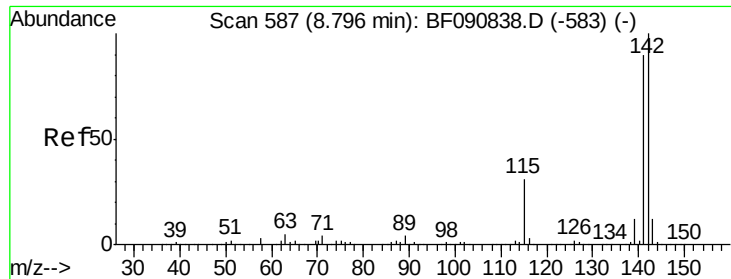
sohil
 10/27/2016 3:45:46 PM



#36
 4-Chloro-3-methylphenol
 Concen: 27.21 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:107 Resp: 311377
 Ion Ratio Lower Upper
 107 100
 144 25.2 25.4 38.0#
 142 78.3 77.3 115.9





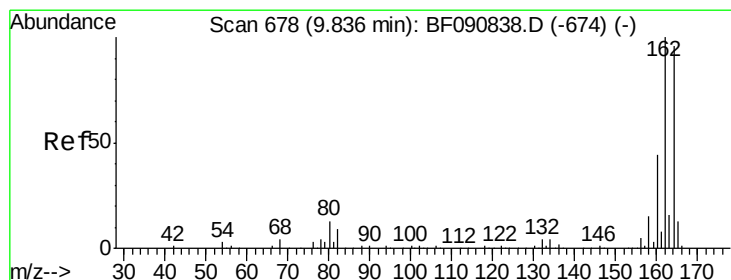
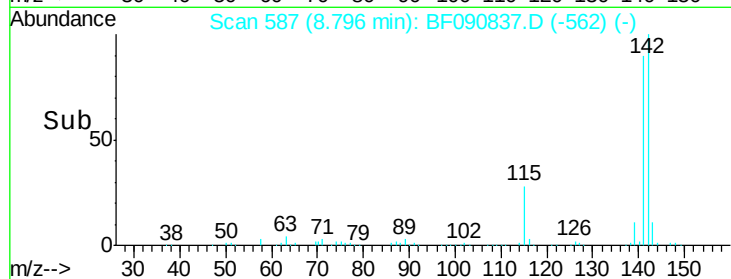
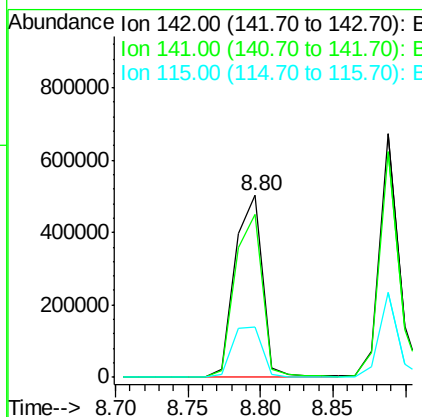
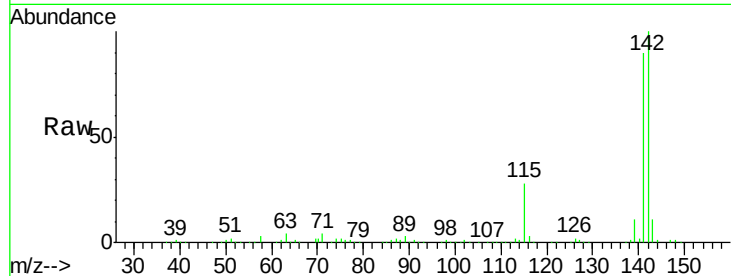
#37
 2-Methylnaphthalene
 Concen: 26.93 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.5	101.3
115	27.9	18.2	27.2#

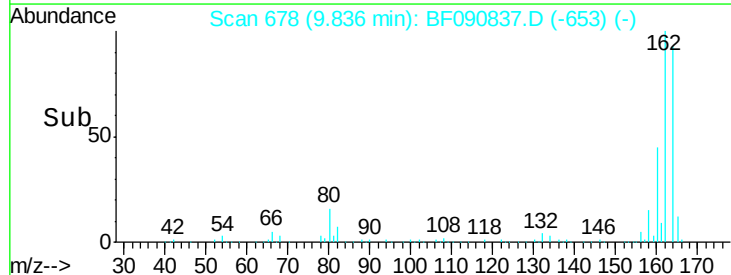
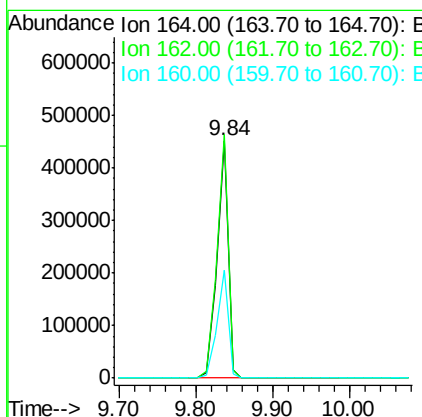
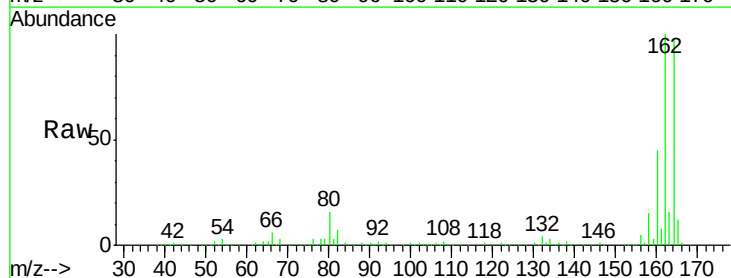
Manual Integrations
 APPROVED

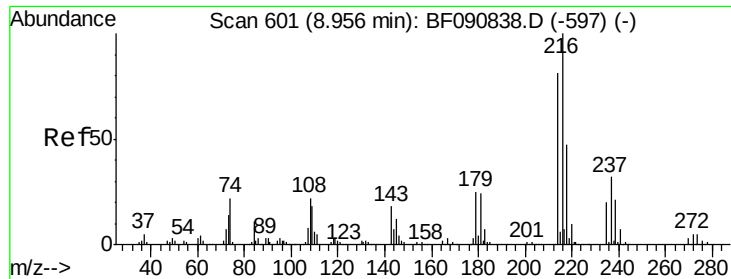
sohil
 10/27/2016 3:45:46 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.2	112.8
160	45.7	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.41 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

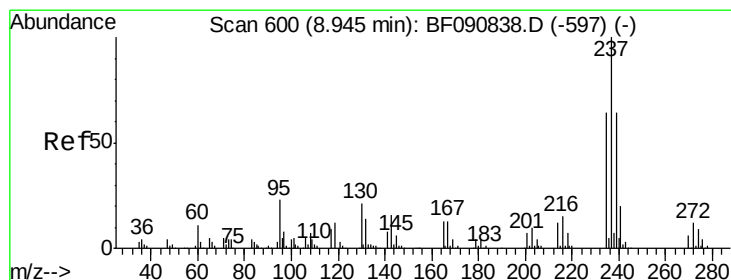
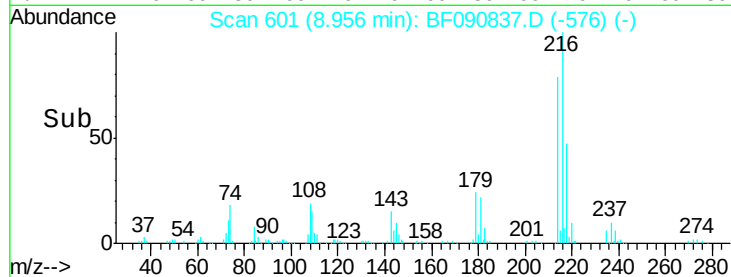
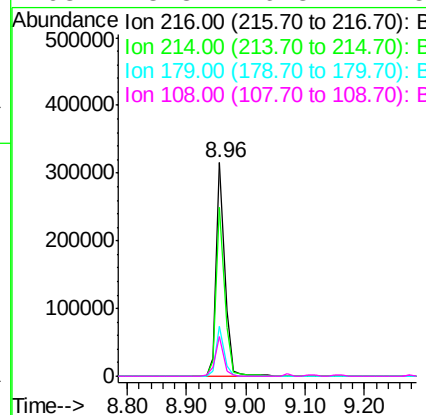
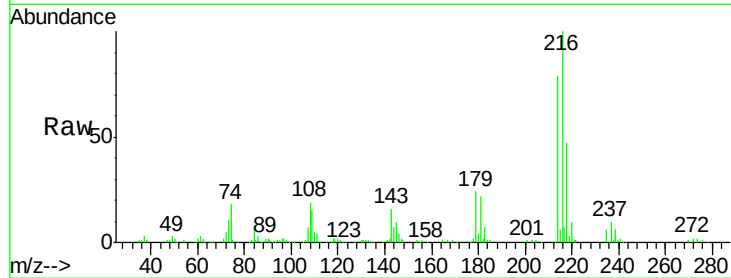
ClientSampleId :

SSTDIC025

Tot Ion:	216	Resp:	316828
Ion Ratio		Lower	Upper
216	100		
214	78.4	63.5	95.3
179	21.9	16.6	24.8
108	18.3	16.3	24.5

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#40

Hexachlorocyclopentadiene

Concen: 24.16 ng

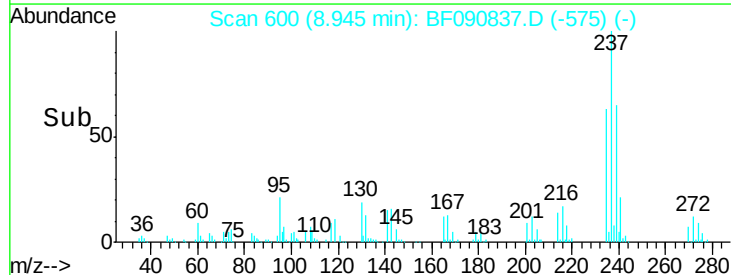
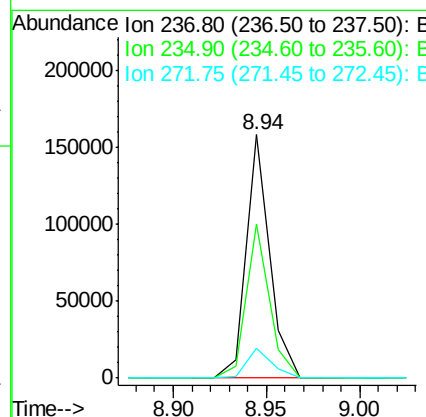
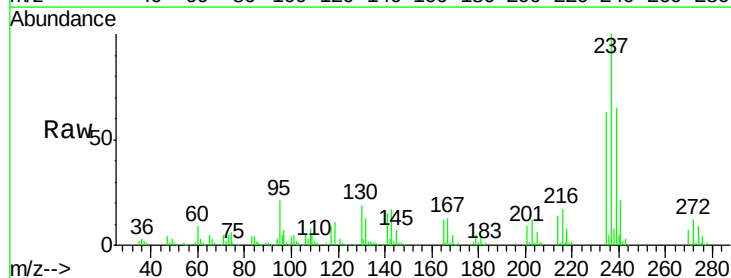
RT: 8.94 min Scan# 600

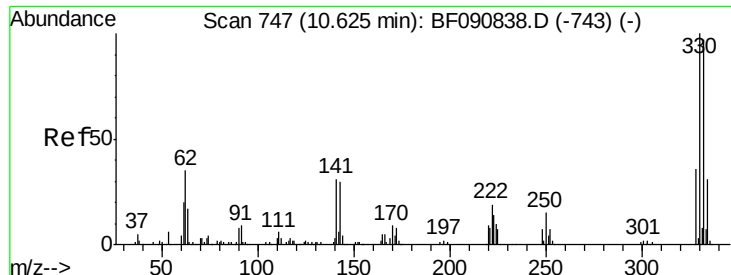
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	237	Resp:	138553
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.0	82.0
272	12.3	0.0	36.1





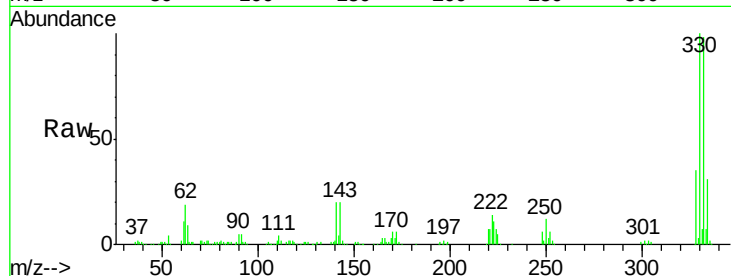
#41
 2,4,6-Tribromophenol
 Concen: 55.77 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

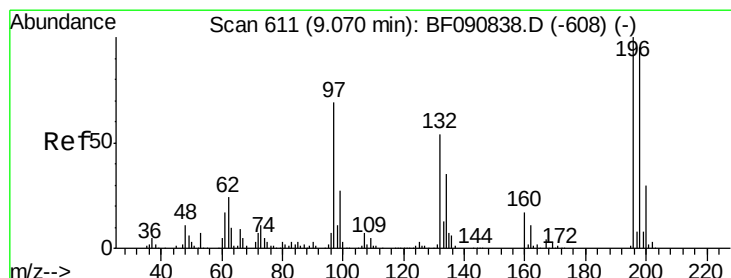
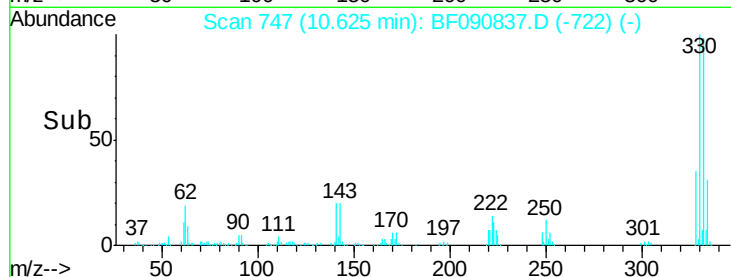
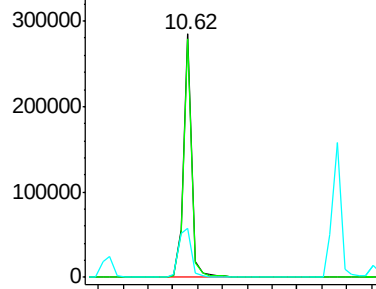
Tot Ion	Ratio	Resp	Lower	Upper
330	100	260454		
332	96.8	76.6	114.8	
141	33.2	29.7	44.5	

Manual Integrations
 APPROVED

sohil
 10/27/2016 3:45:46 PM



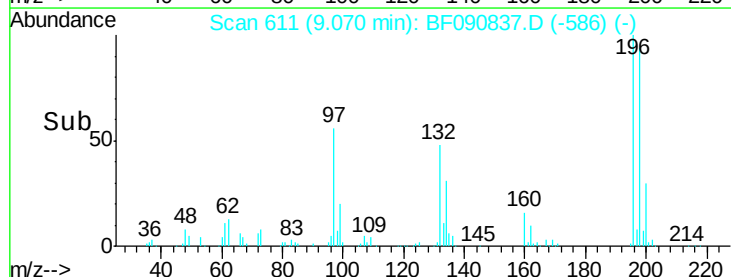
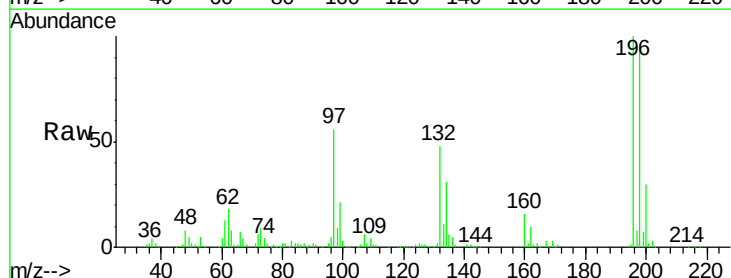
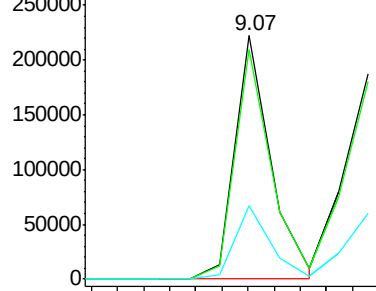
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

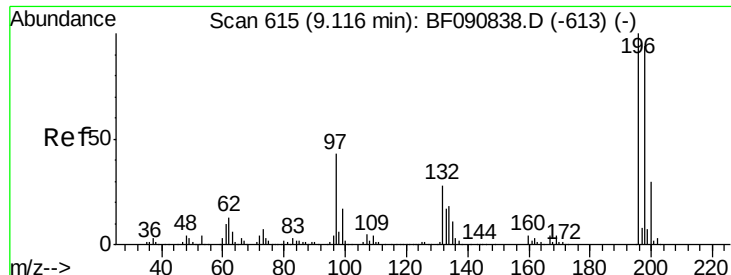


#42
 2,4,6-Trichlorophenol
 Concen: 26.11 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210174		
198	94.4	75.7	113.5	
200	30.2	23.9	35.9	

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





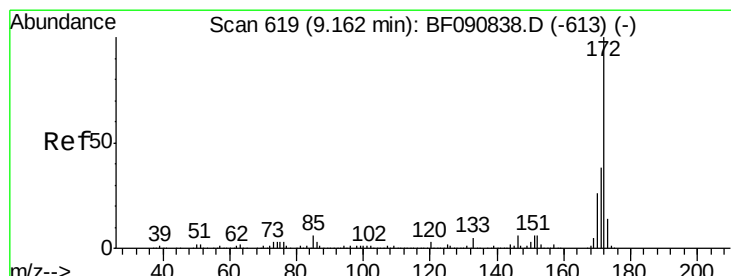
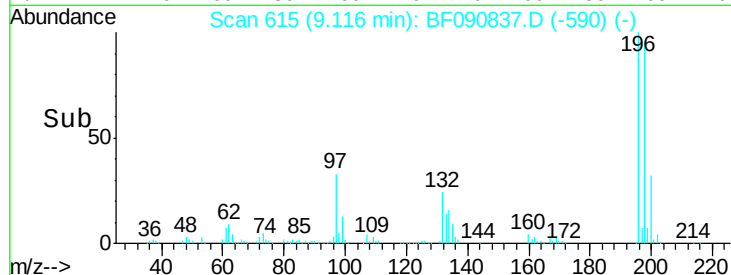
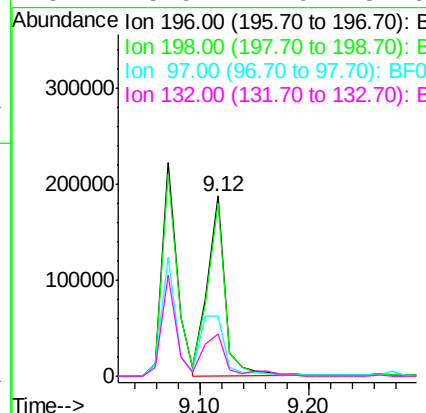
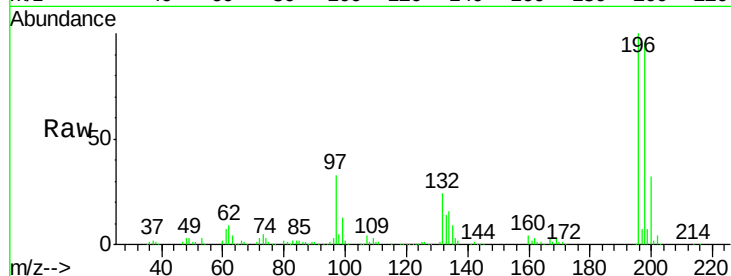
#43
 2,4,5-Trichlorophenol
 Concen: 25.74 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213561		
198	96.1	75.4	113.0	
97	33.5	33.3	49.9	
132	23.5	24.6	37.0	

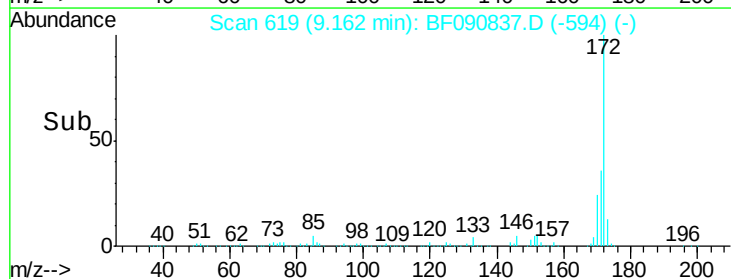
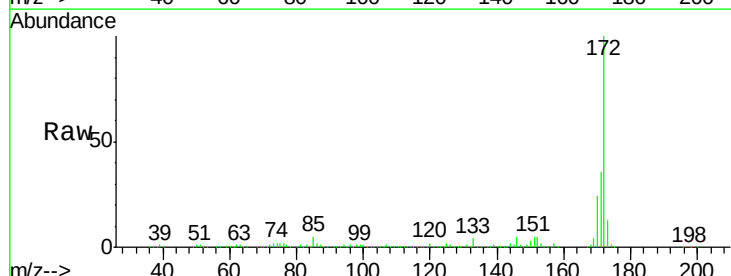
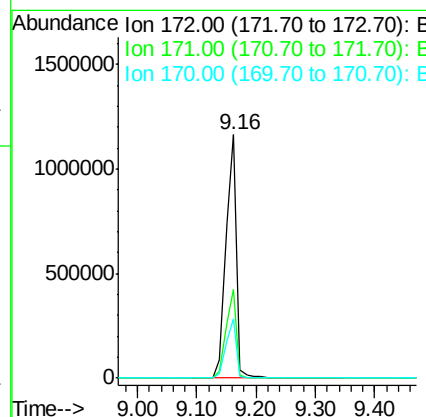
Manual Integrations
 APPROVED

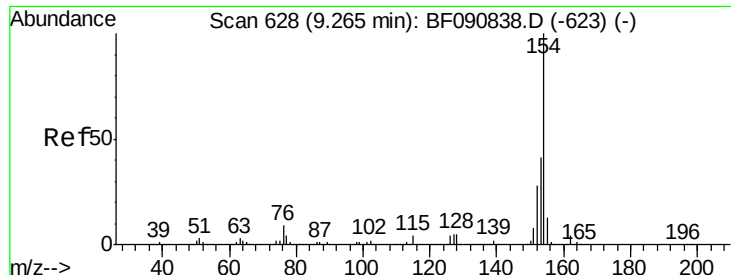
sohil
 10/27/2016 3:45:46 PM



#44
 2-Fluorobiphenyl
 Concen: 55.21 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1428816		
171	36.3	26.1	39.1	
170	24.3	17.4	26.2	





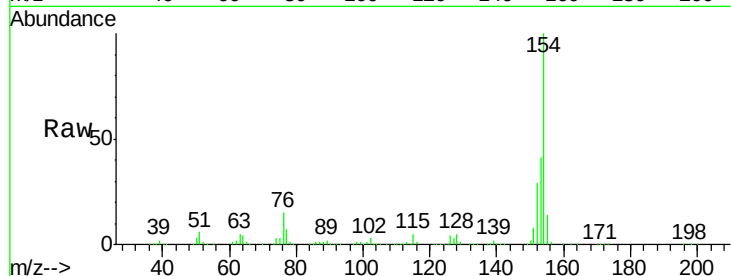
#45
1,1'-Biphenyl
Concen: 25.00 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

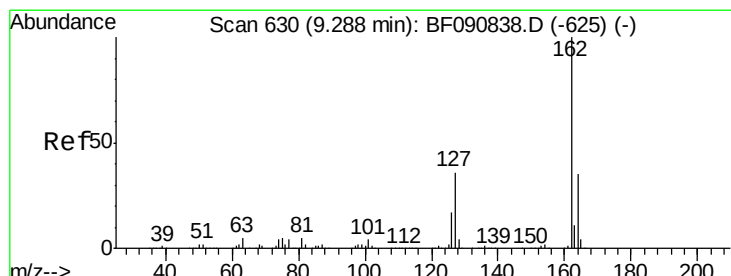
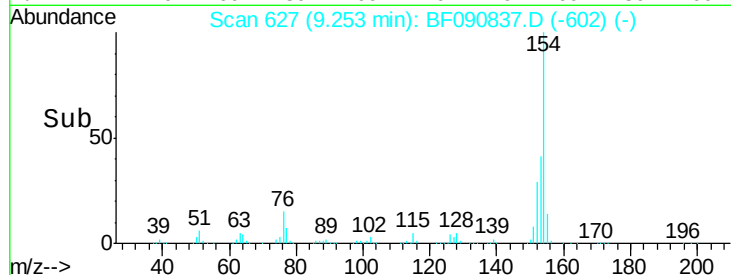
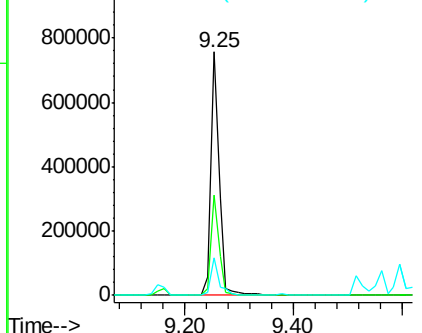
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	17.1	57.1
76	15.4	0.0	31.6

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM

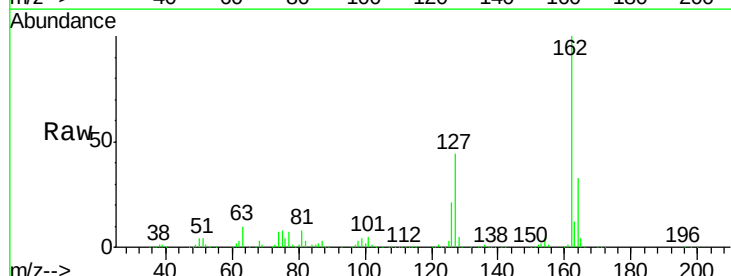


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

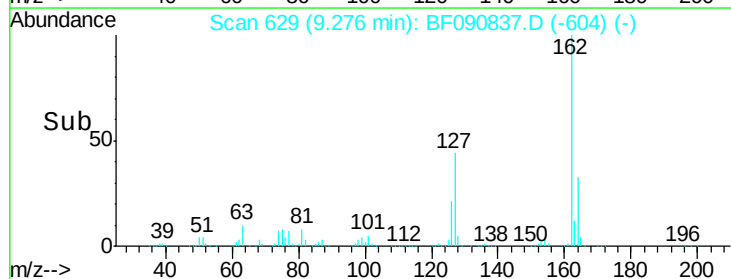
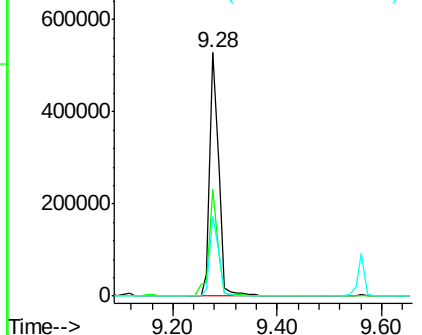


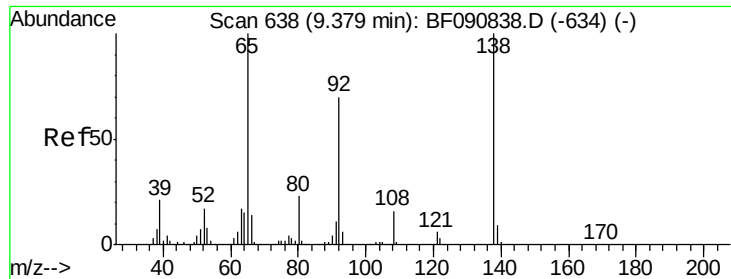
#46
2-Chloronaphthalene
Concen: 25.17 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	27.6	41.4#
164	32.7	25.4	38.2



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





#47

2-Nitroaniline

Concen: 27.65 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

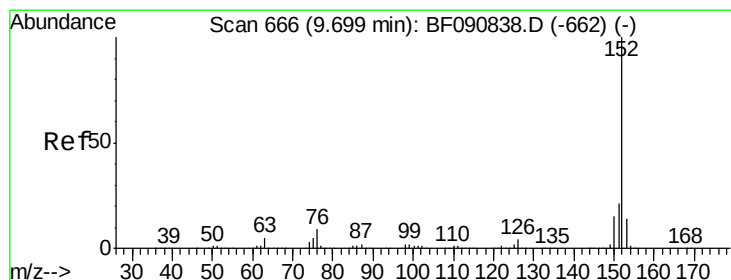
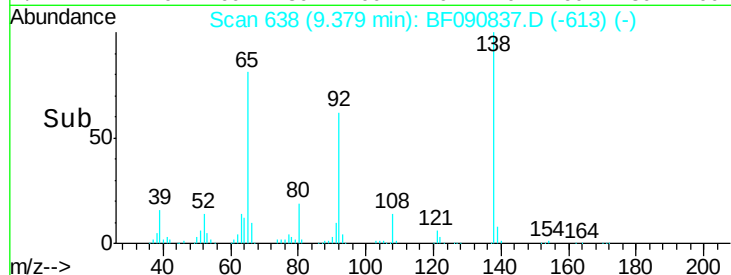
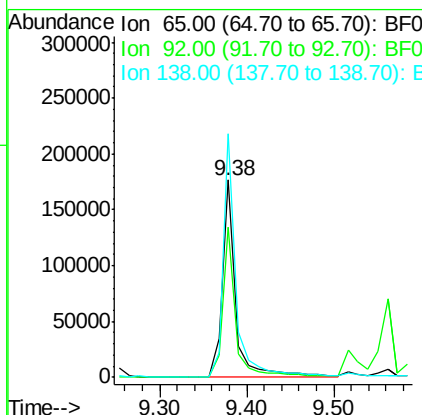
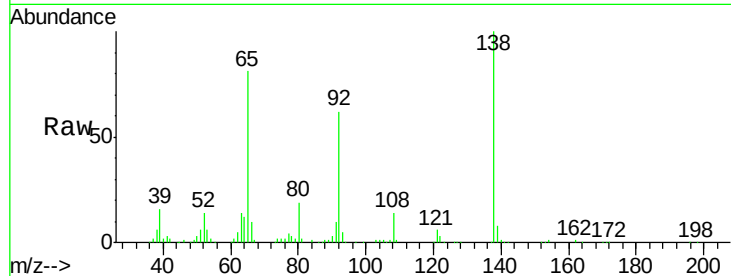
ClientSampleId :

SSTDICC025

Tot Ion:	65	Resp:	194292
Ion Ratio	Lower	Upper	
65	100		
92	76.1	55.4	83.0
138	123.5	115.5	173.3

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#48

Acenaphthylene

Concen: 27.14 ng

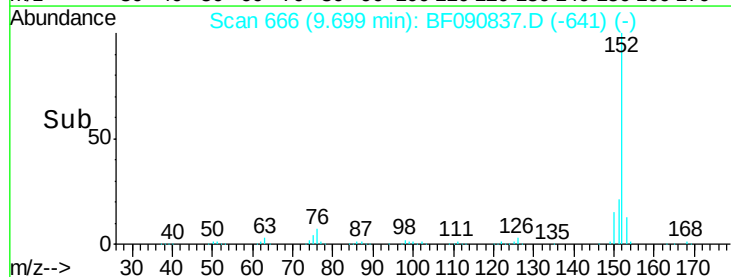
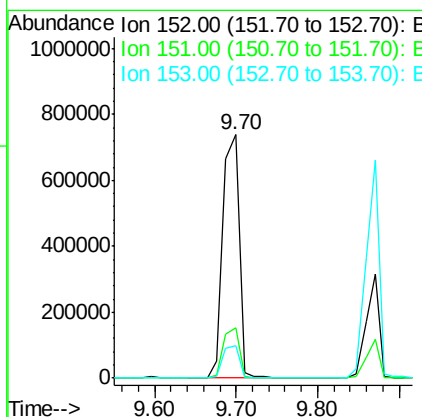
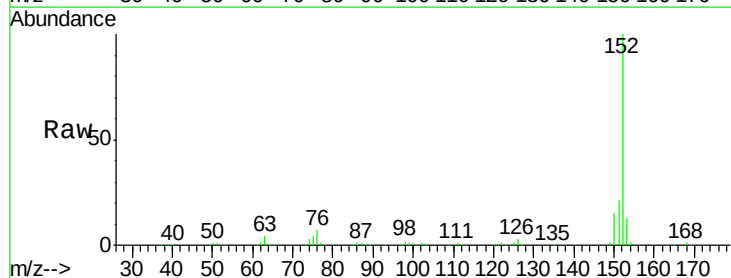
RT: 9.70 min Scan# 666

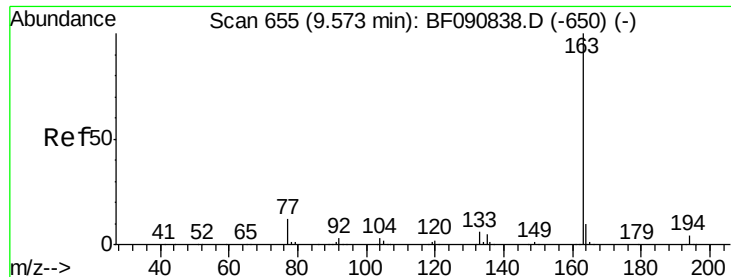
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	152	Resp:	1023319
Ion Ratio	Lower	Upper	
152	100		
151	20.6	14.6	22.0
153	13.2	10.3	15.5





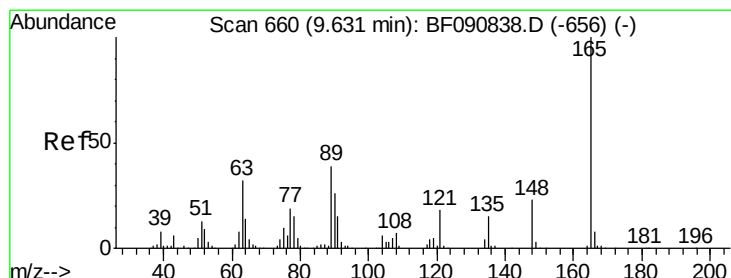
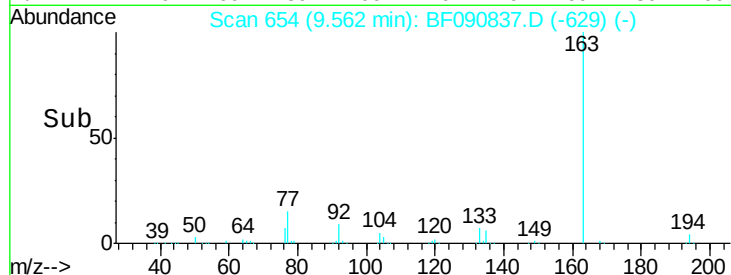
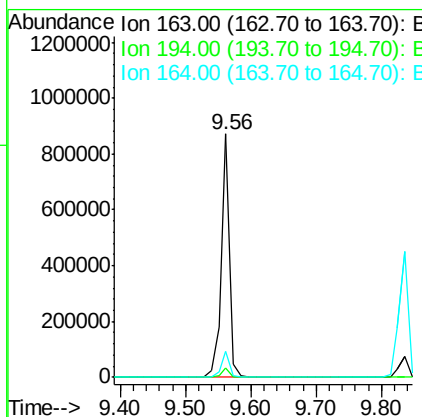
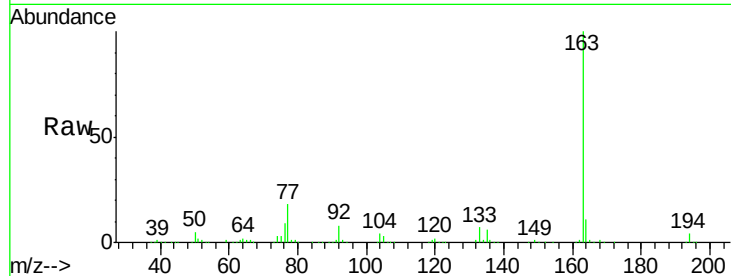
#49
Dimethylphthalate
Concen: 25.79 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100	783103		
194	3.6		4.4	6.6#
164	10.5		8.3	12.5

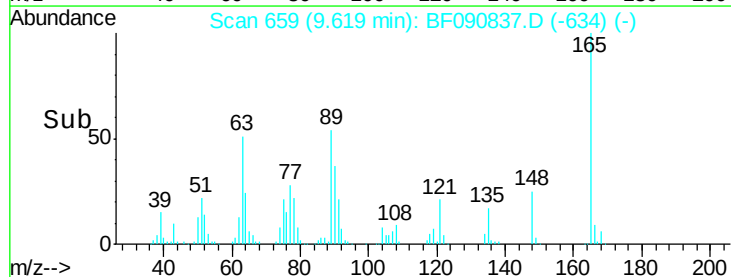
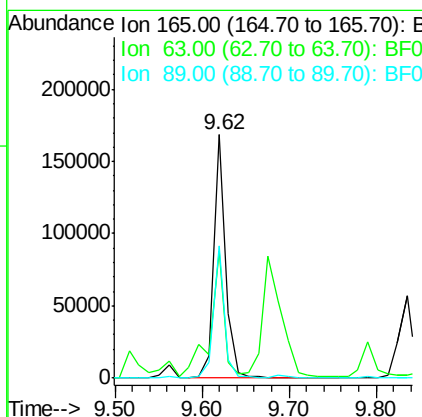
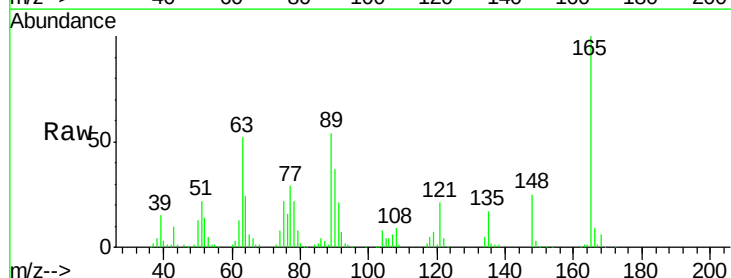
Manual Integrations
APPROVED

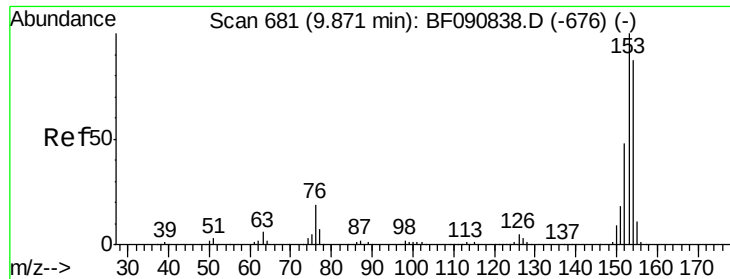
sohil
10/27/2016 3:45:46 PM



#50
2,6-Dinitrotoluene
Concen: 24.40 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163591		
63	52.0		32.3	48.5#
89	54.4		28.6	43.0#





#51

Acenaphthene

Concen: 27.28 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

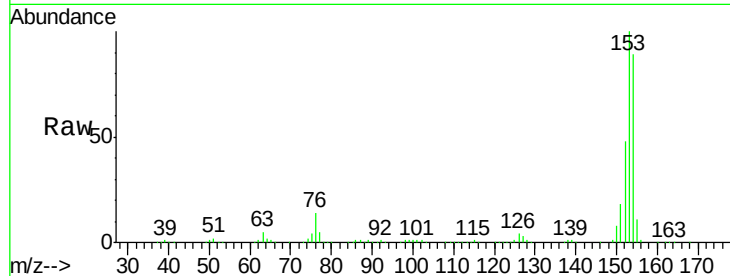
ClientSampleId :

SSTDIC025

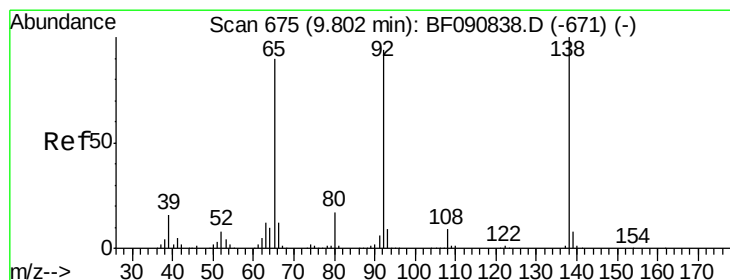
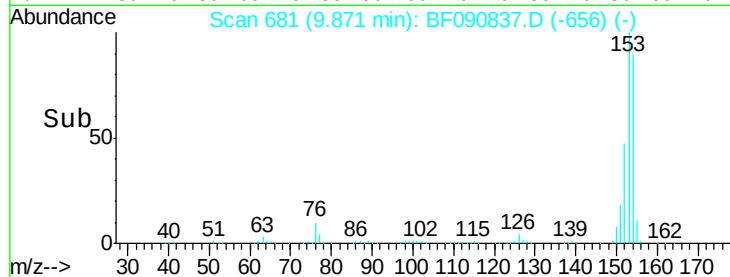
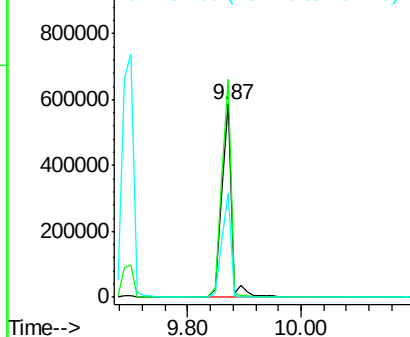
Tot Ion:	154	Resp:	708315
Ion Ratio	Lower	Upper	
154	100		
153	112.9	82.1	123.1
152	53.8	37.9	56.9

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 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: 25.29 ng

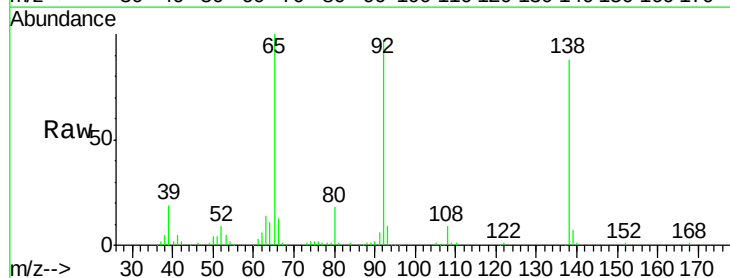
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

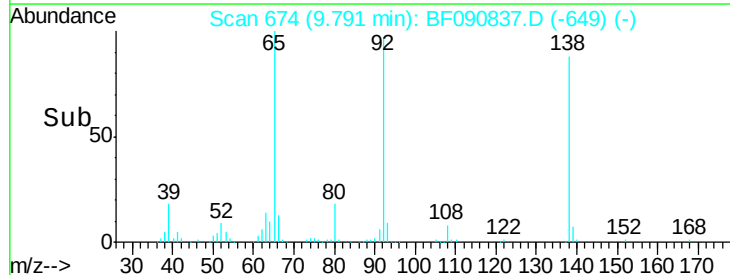
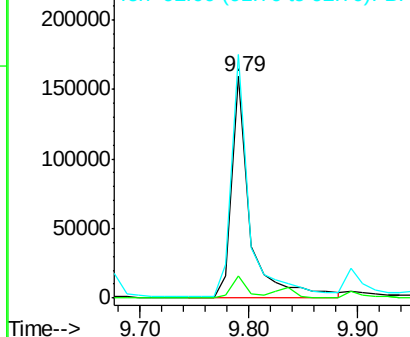
Lab File: BF090837.D

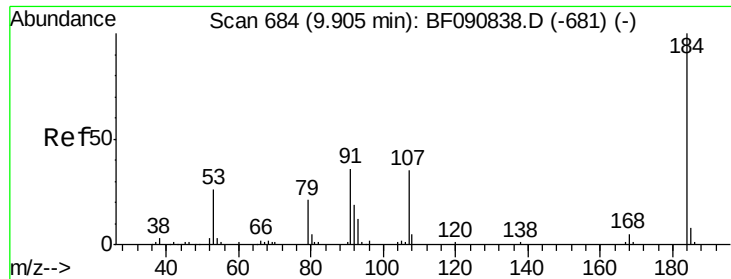
Acq: 26 Oct 2016 12:33

Tgt Ion:	138	Resp:	180573
Ion Ratio	Lower	Upper	
138	100		
108	9.7	5.7	8.5#
92	109.8	67.7	101.5#



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





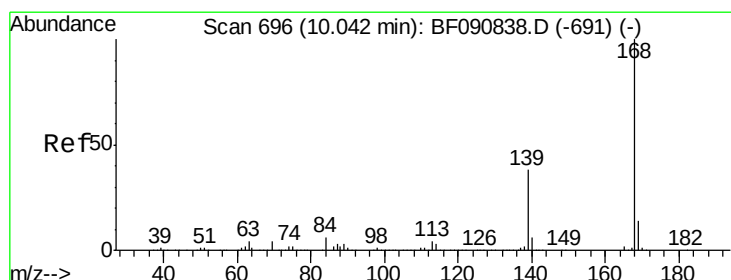
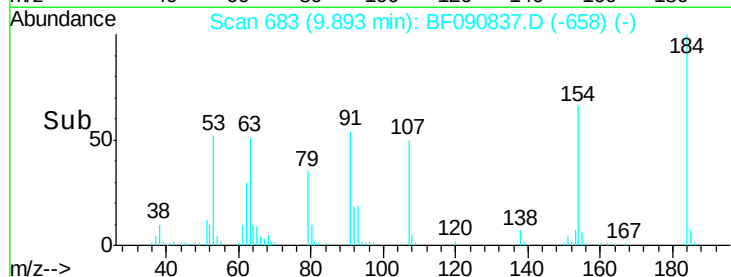
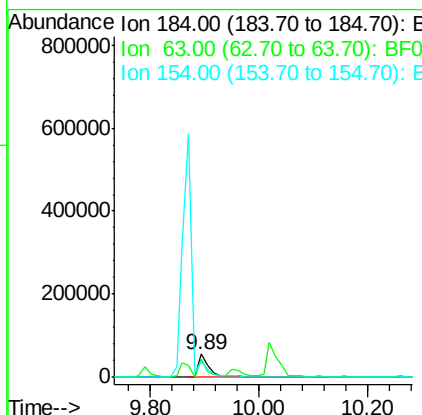
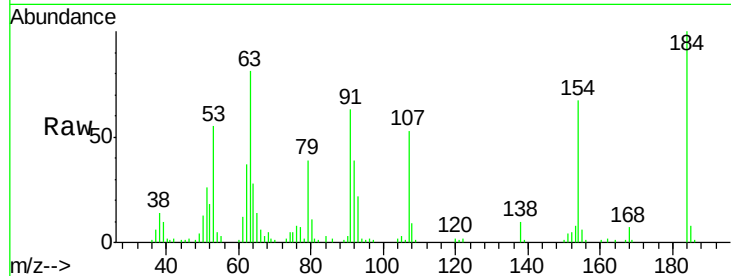
#53
 2,4-Dinitrophenol
 Concen: 23.97 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100	84620		
63	81.4	35.4	53.2#	
154	67.3	32.2	48.4#	

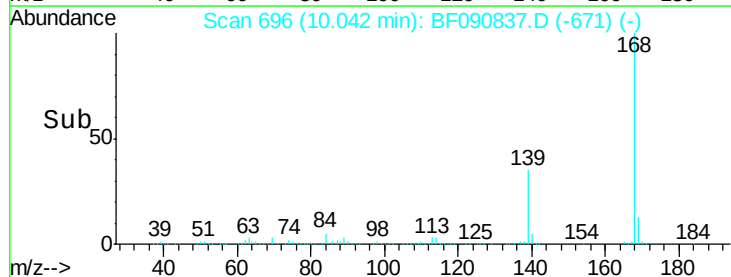
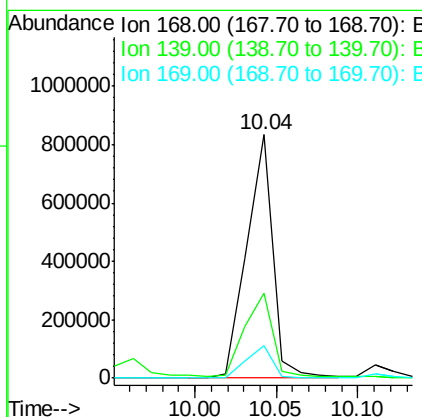
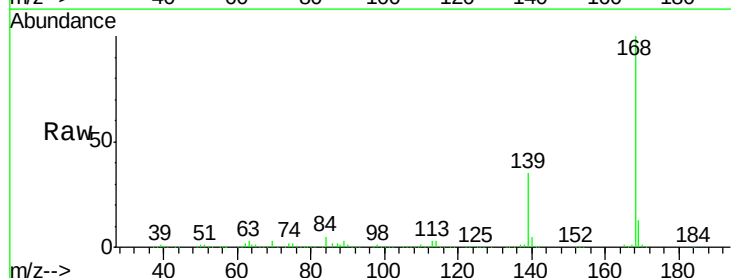
Manual Integrations
 APPROVED

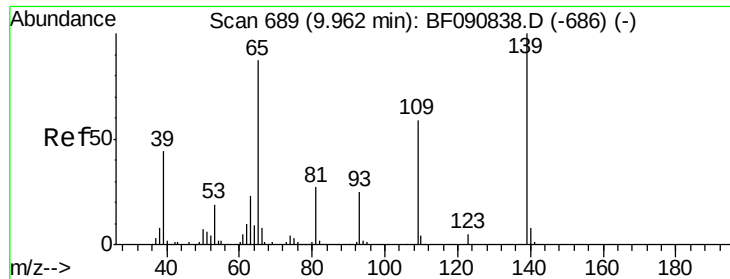
sohil
 10/27/2016 3:45:46 PM



#54
 Dibenzofuran
 Concen: 27.57 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	923949		
139	34.8	24.2	36.2	
169	13.4	10.6	15.8	





#55

4-Nitrophenol

Concen: 24.36 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

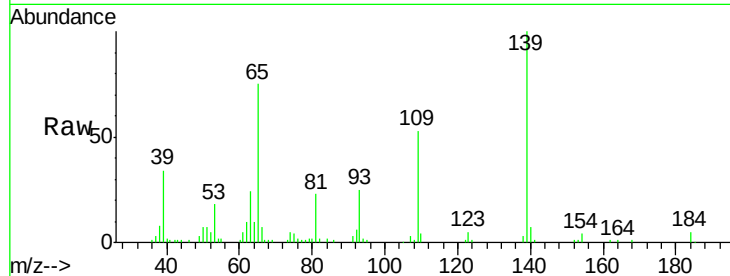
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
139	100	106032		
109	52.9	12.7	52.7#	
65	75.5	45.9	85.9	

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM

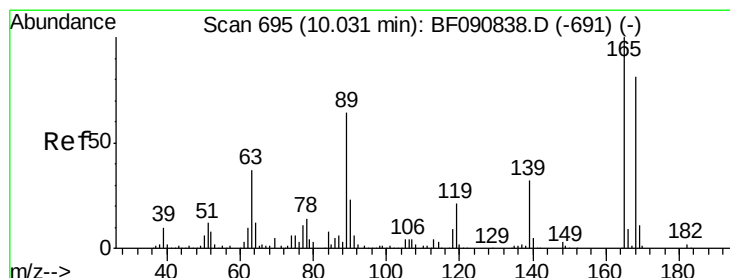
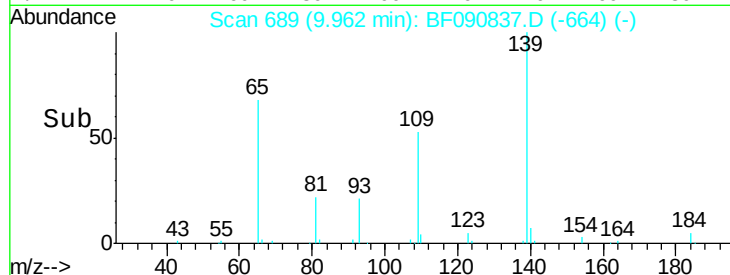
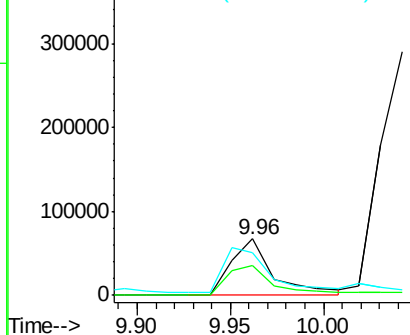


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 25.09 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209009		
63	49.9	29.8	44.6#	
89	82.7	44.5	66.7#	
182	2.1	3.0	4.4#	

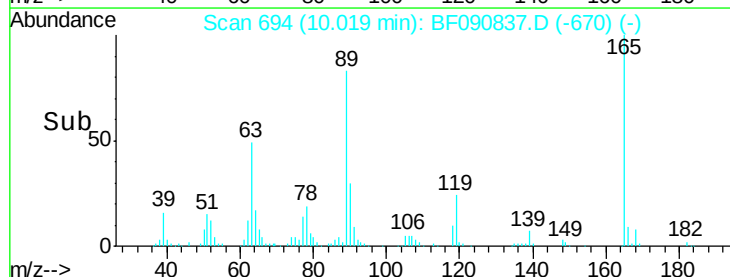
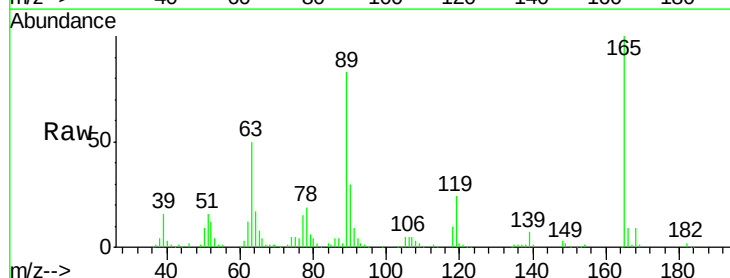
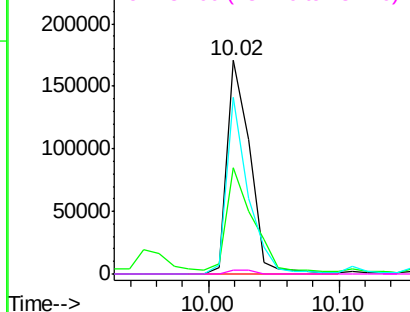
Abundance

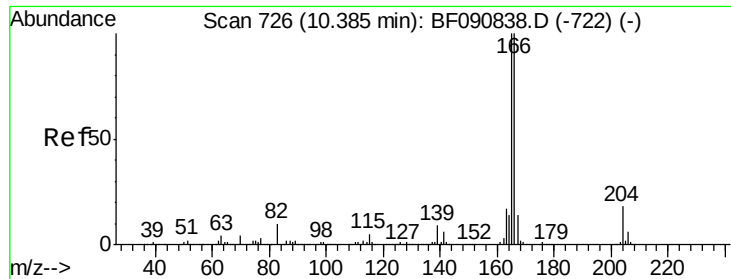
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





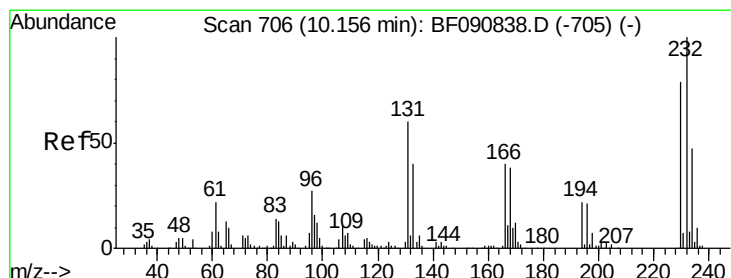
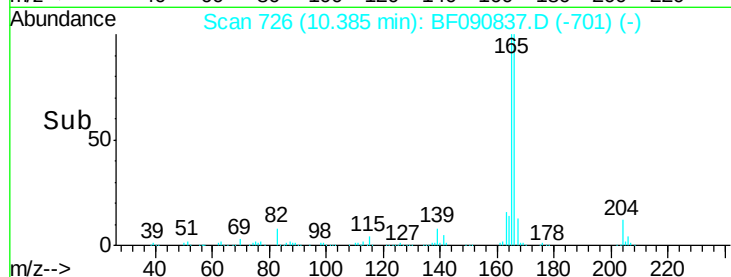
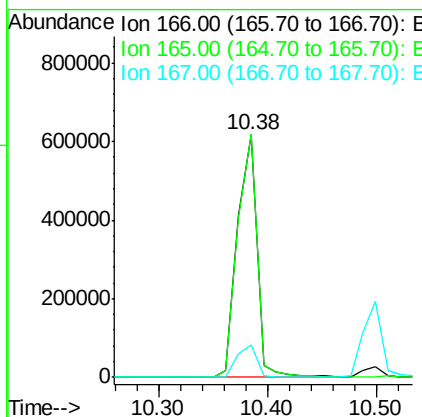
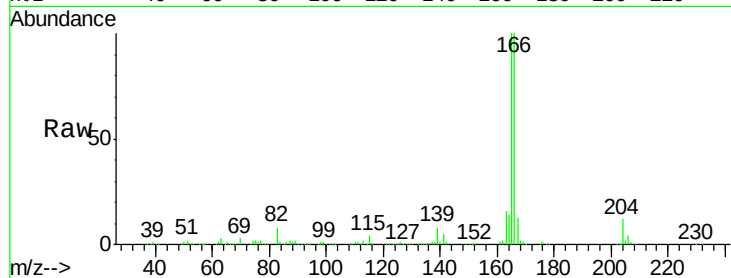
#57
 Fluorene
 Concen: 27.76 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	72.6	109.0
167	13.5	10.6	16.0

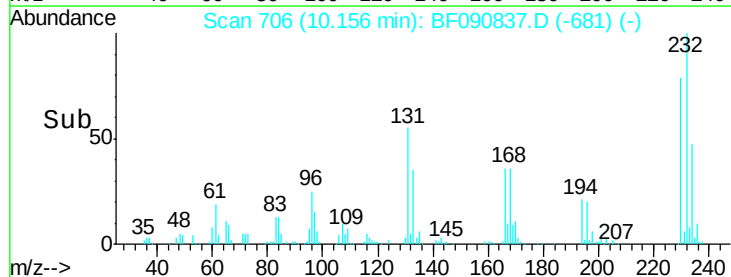
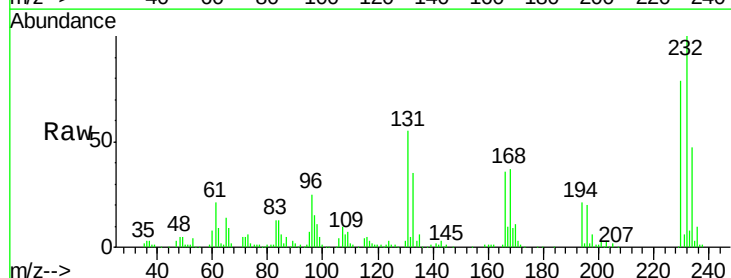
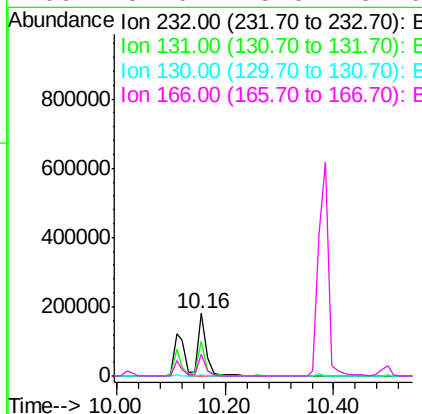
Manual Integrations
 APPROVED

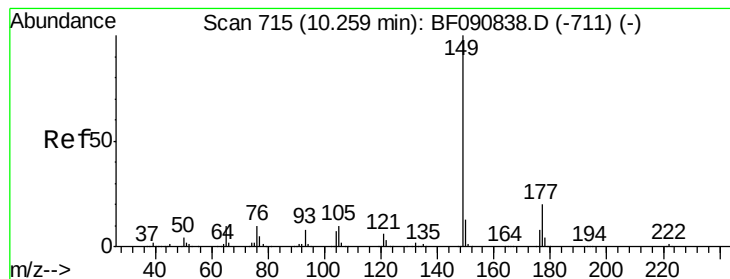
sohil
 10/27/2016 3:45:46 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.22 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.7	38.5	57.7
130	2.1	1.8	2.6
166	31.6	25.0	37.6





#59

Diethylphthalate

Concen: 27.43 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

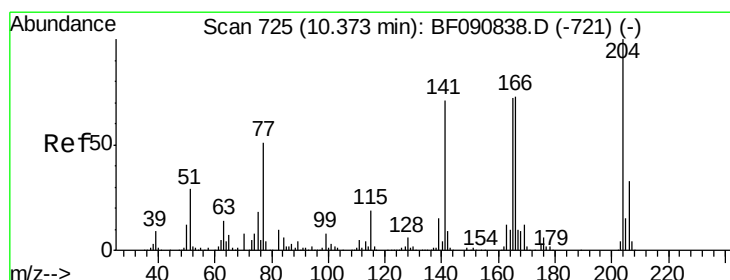
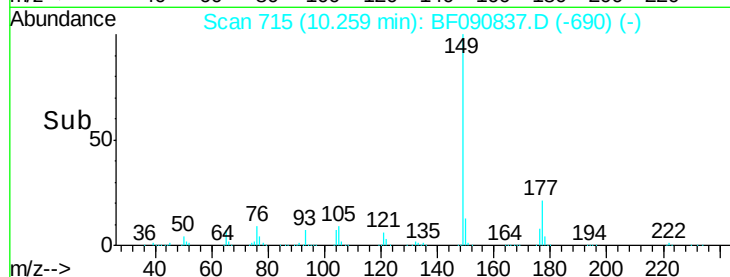
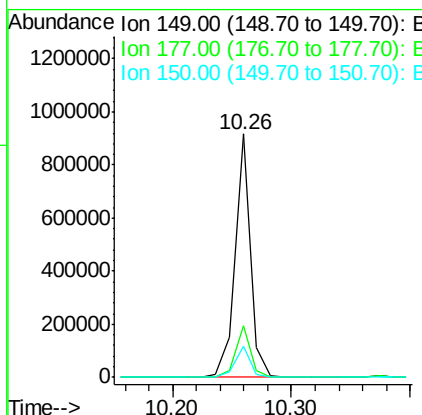
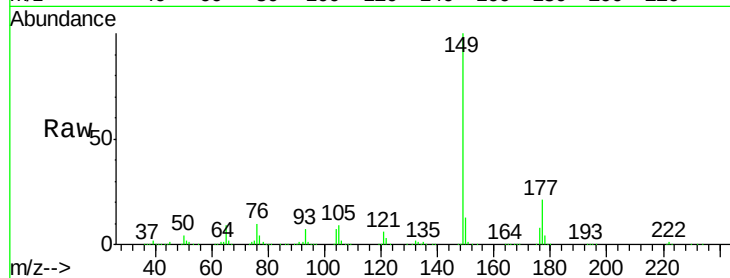
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	827152
Ion Ratio	Lower	Upper	
149	100		
177	21.0	17.5	26.3
150	12.7	9.4	14.2

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#60

4-Chlorophenyl-phenylether

Concen: 27.17 ng

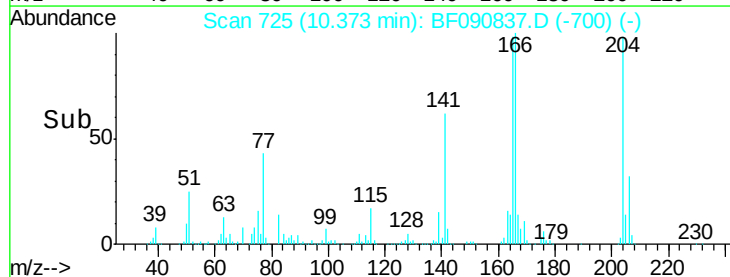
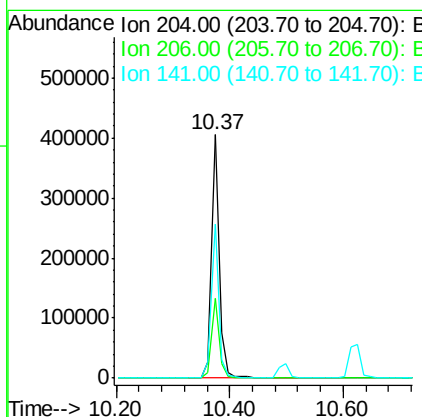
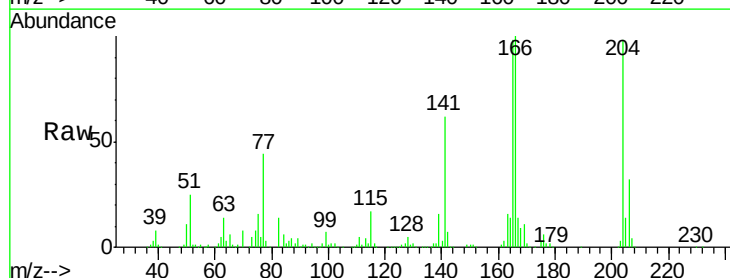
RT: 10.37 min Scan# 725

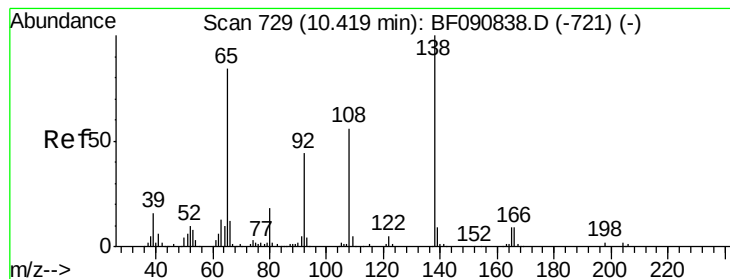
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	204	Resp:	363996
Ion Ratio	Lower	Upper	
204	100		
206	32.8	24.8	37.2
141	63.1	42.2	63.4





#61

4-Nitroaniline

Concen: 27.34 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

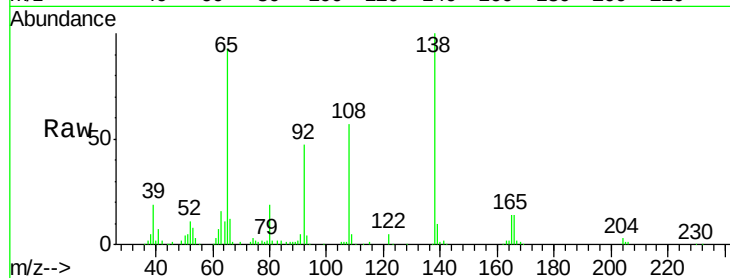
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.5	12.6	52.6
108	56.8	12.4	52.4

Manual Integrations
APPROVED

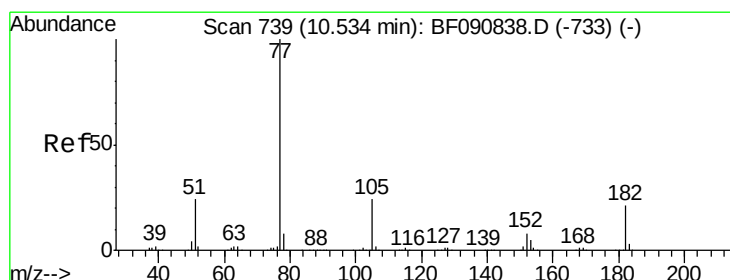
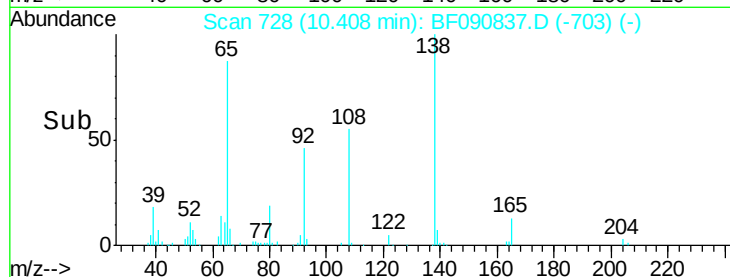
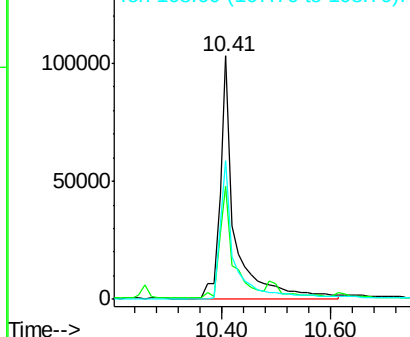
sohil
10/27/2016 3:45:46 PM



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: 29.28 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

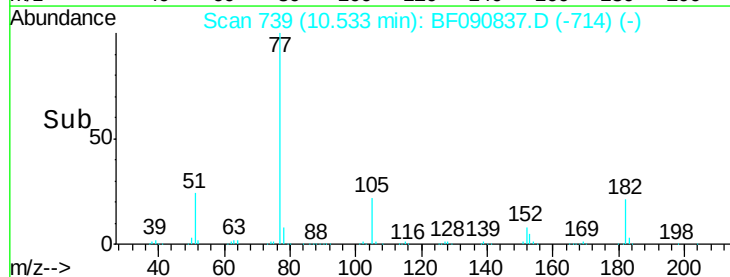
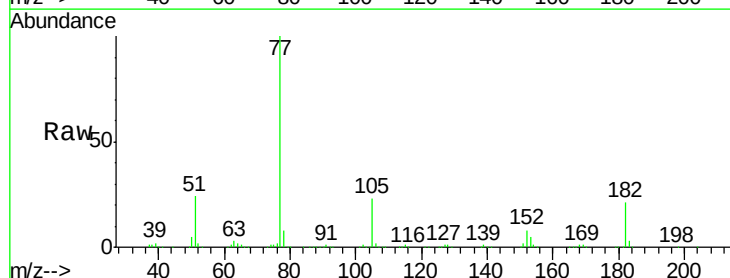
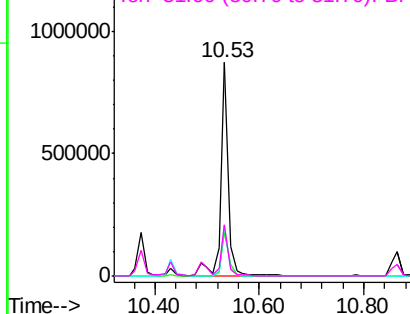
Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	15.1	55.1
105	23.4	3.4	43.4
51	24.3	12.0	52.0

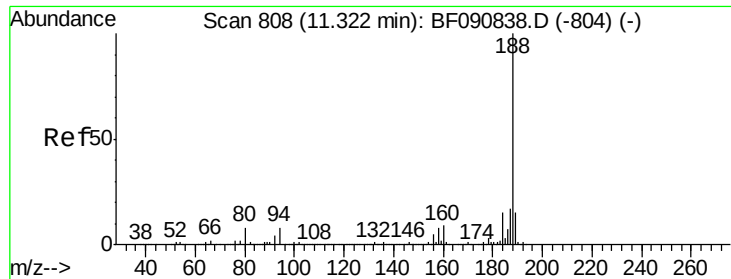
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





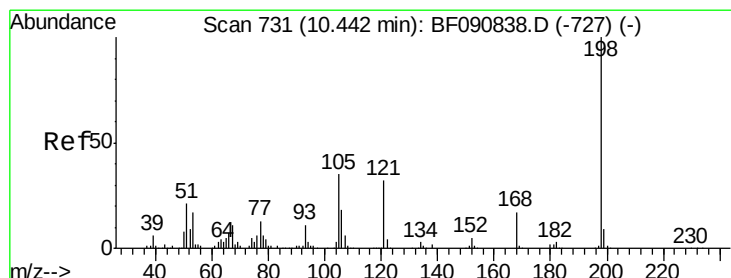
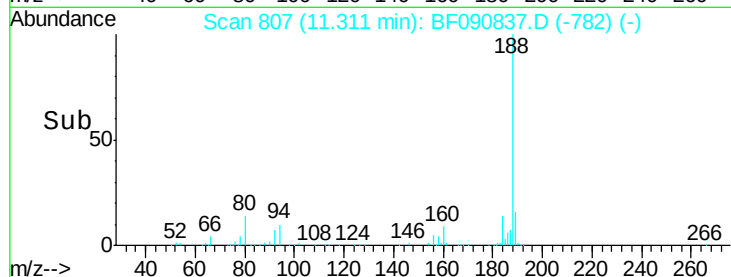
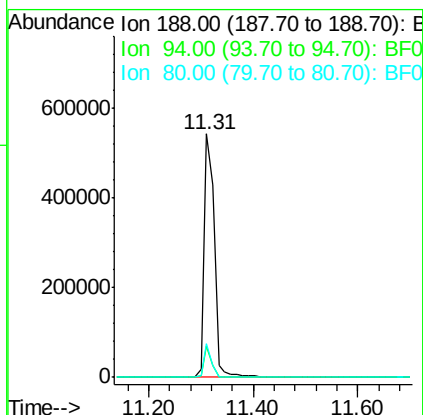
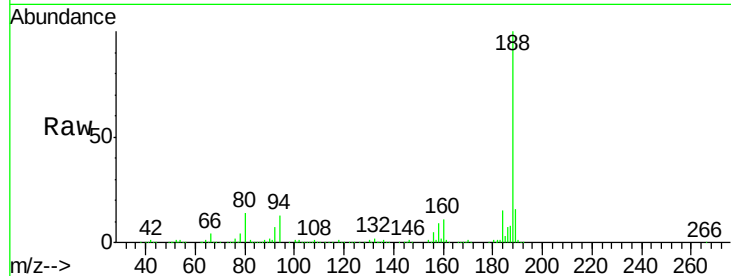
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
188	100	730857		
94	12.8		11.1	16.7
80	13.9		11.0	16.4

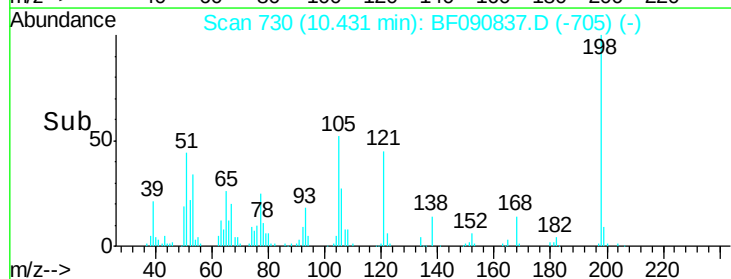
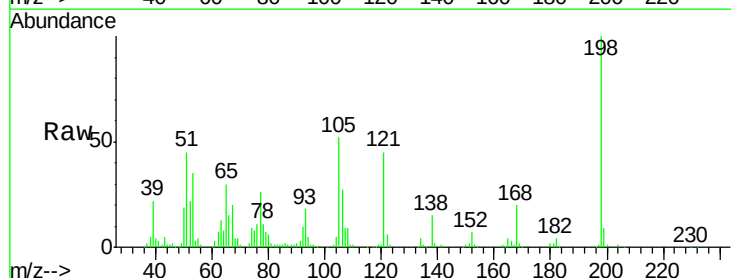
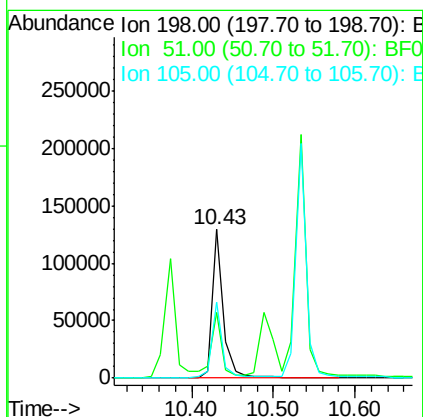
Manual Integrations
APPROVED

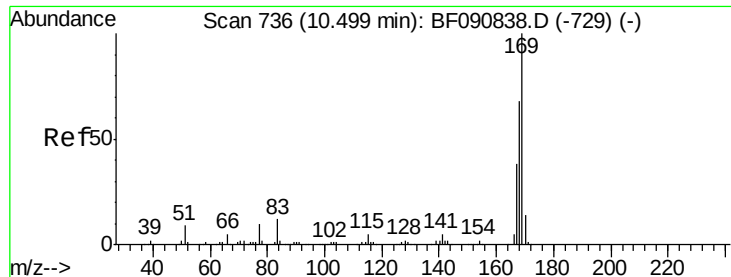
sohil
10/27/2016 3:45:46 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 25.95 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125769		
51	44.7		39.6	79.6
105	51.6		28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 27.87 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

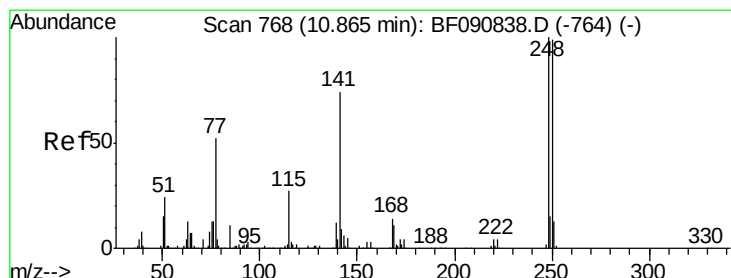
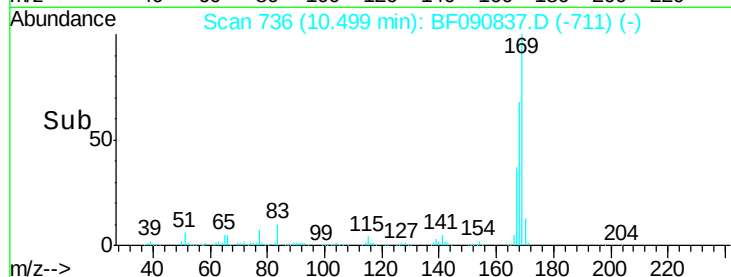
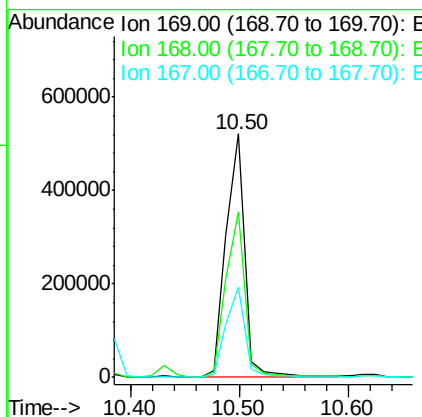
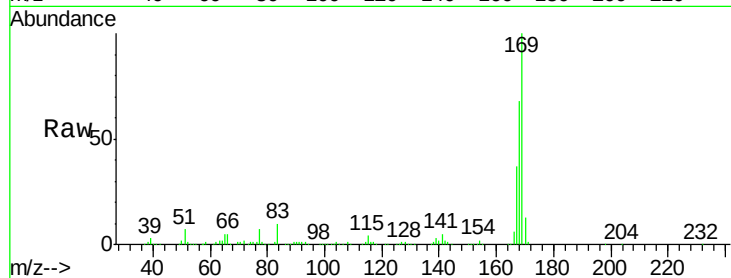
ClientSampleId :

SSTDIC025

Tot Ion:	169	Resp:	623881
Ion Ratio	Lower	Upper	
169	100		
168	68.1	48.9	73.3
167	37.1	26.2	39.4

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



#66

4-Bromophenyl-phenylether

Concen: 28.41 ng

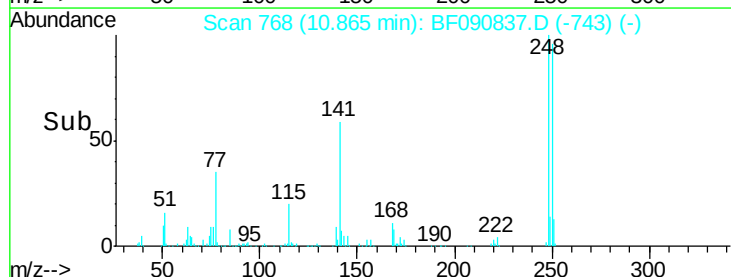
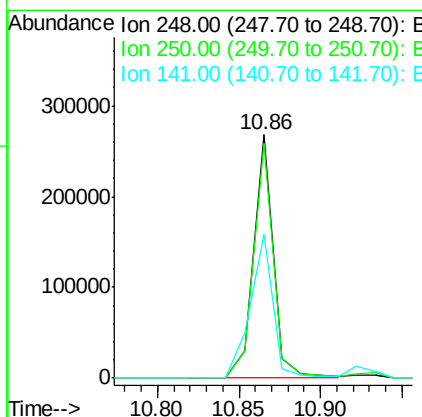
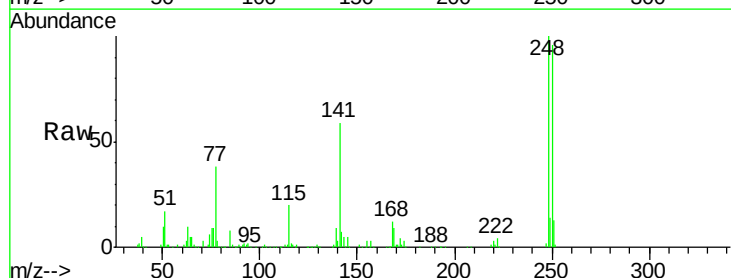
RT: 10.86 min Scan# 768

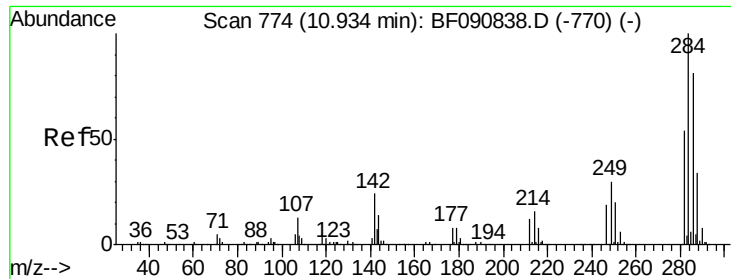
Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	248	Resp:	227381
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.5	117.7
141	58.9	59.0	88.6#





#67

Hexachlorobenzene

Concen: 27.33 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

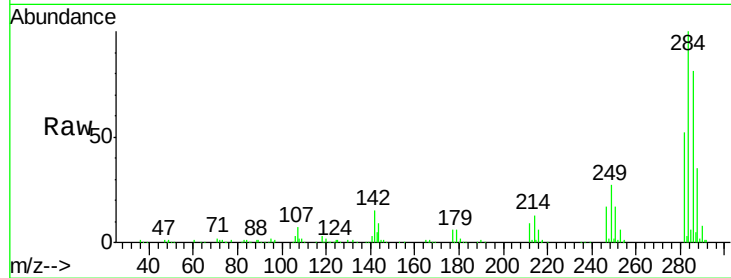
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
284	100	258841		
142	15.1	29.5	44.3#	
249	26.6	19.5	29.3	

Manual Integrations
APPROVED

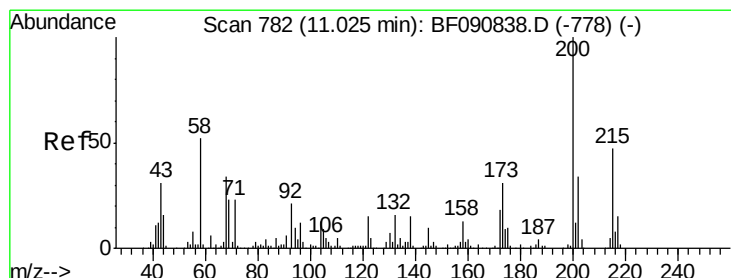
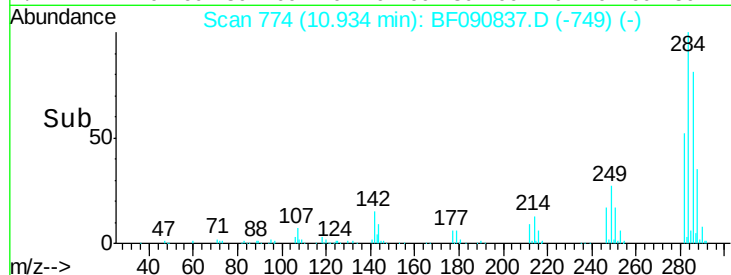
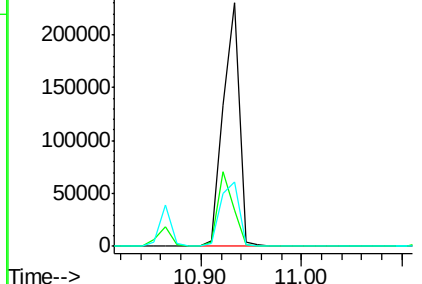
sohil
10/27/2016 3:45:46 PM



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: 29.53 ng

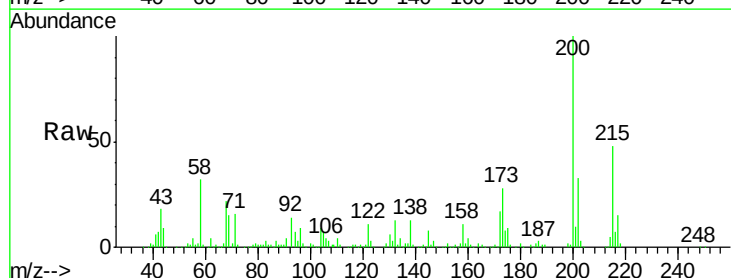
RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

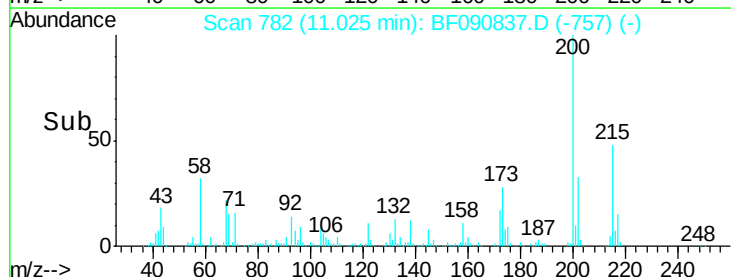
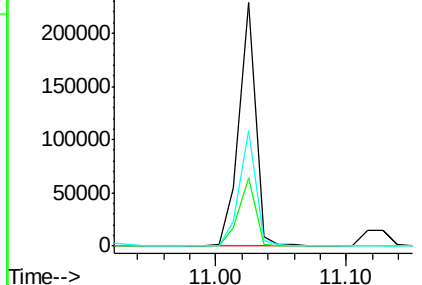
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	204493		
173	27.9	13.2	53.2	
215	47.6	41.8	81.8	

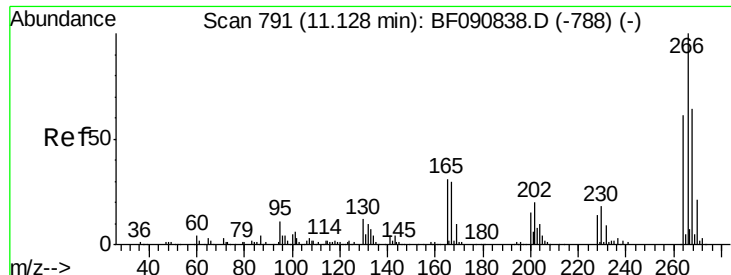


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





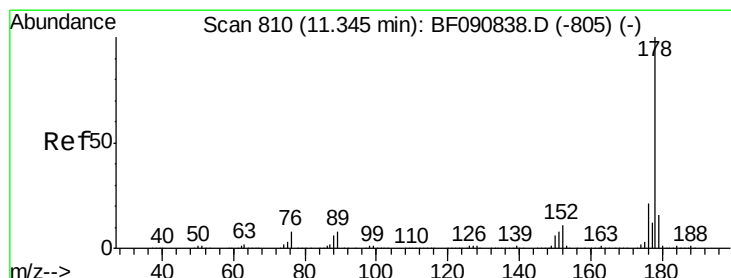
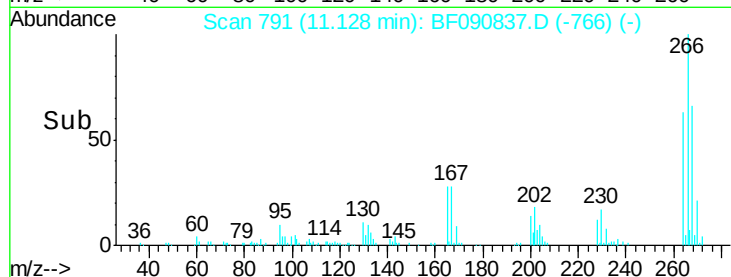
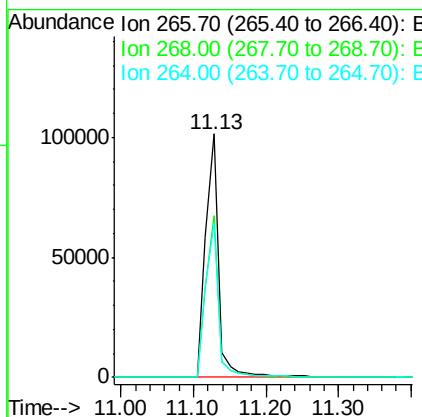
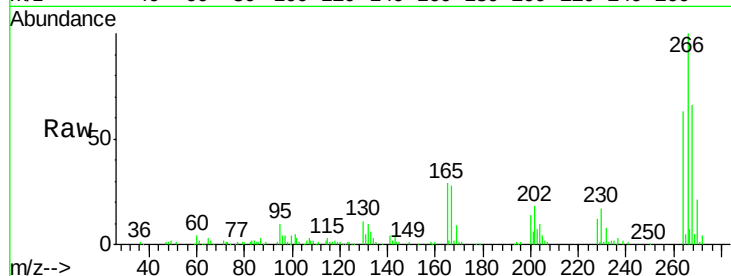
#69
 Pentachlorophenol
 Concen: 25.08 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	49.8	74.6
264	63.0	50.2	75.2

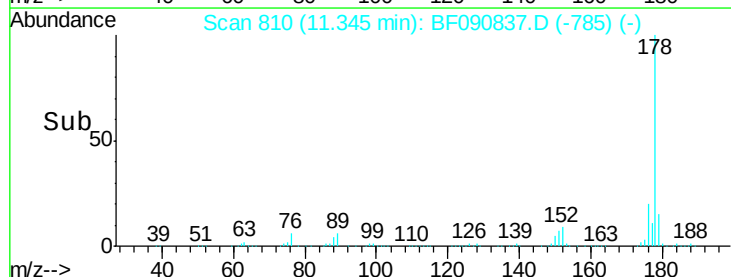
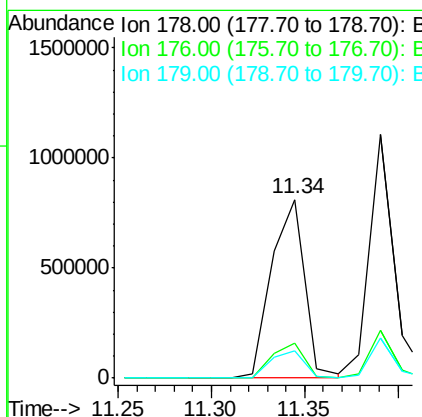
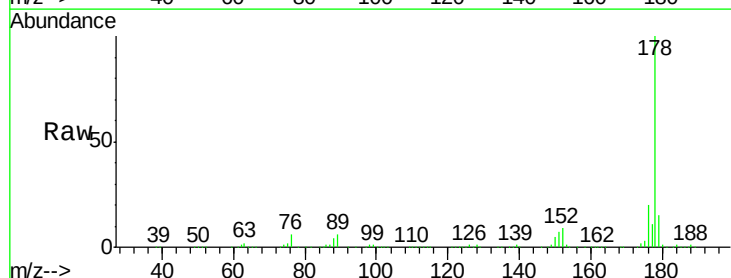
Manual Integrations
 APPROVED

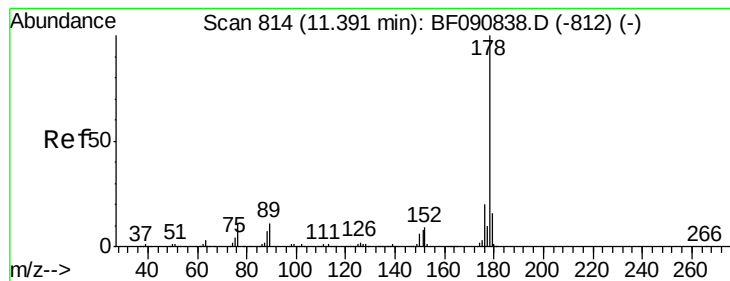
sohil
 10/27/2016 3:45:46 PM



#70
 Phenanthrene
 Concen: 27.05 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	15.3	12.2	18.2





#71

Anthracene

Concen: 26.84 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:178 Resp: 1051627

Ion Ratio Lower Upper

178 100

176 19.7 14.1 21.1

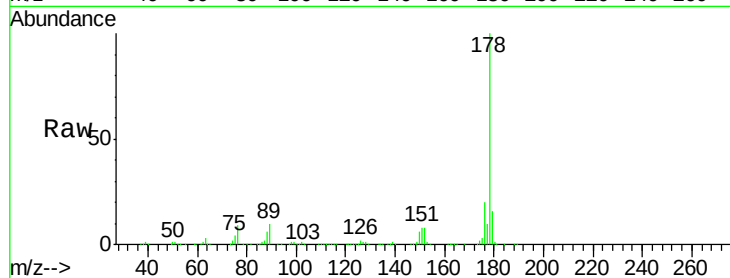
179 16.3 12.2 18.2

Manual Integrations

APPROVED

sohil

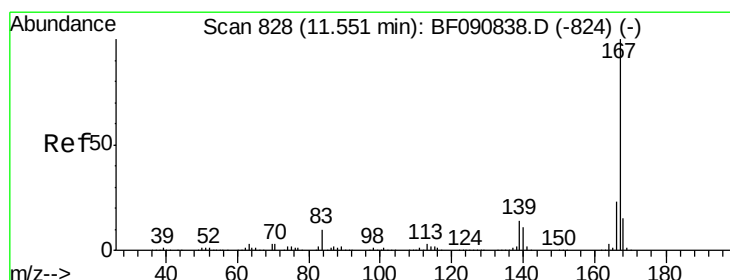
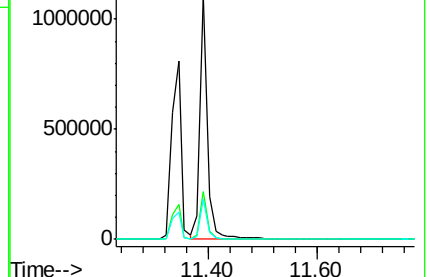
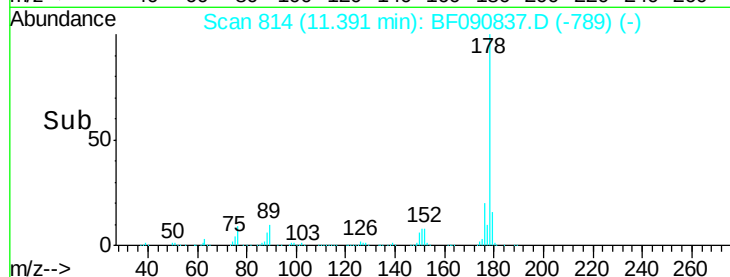
10/27/2016 3:45:46 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 28.19 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

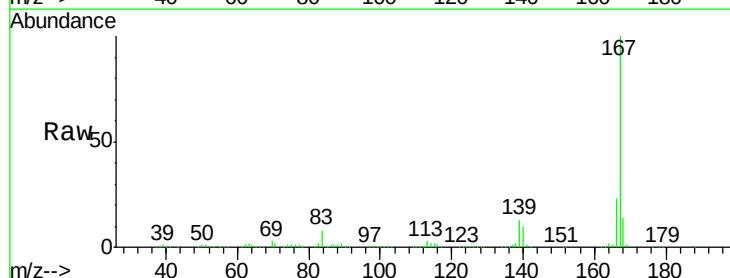
Tgt Ion:167 Resp: 975245

Ion Ratio Lower Upper

167 100

166 22.5 15.7 23.5

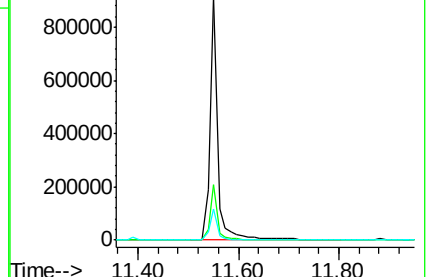
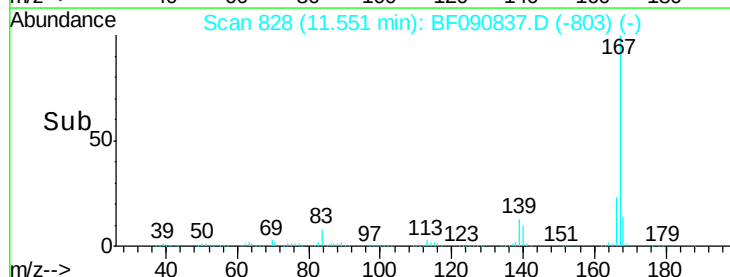
139 13.0 9.5 14.3

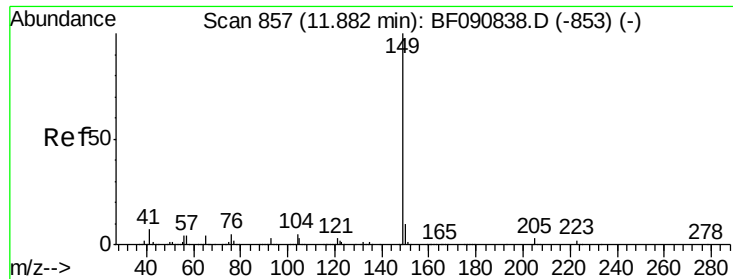


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 24.67 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1100457

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

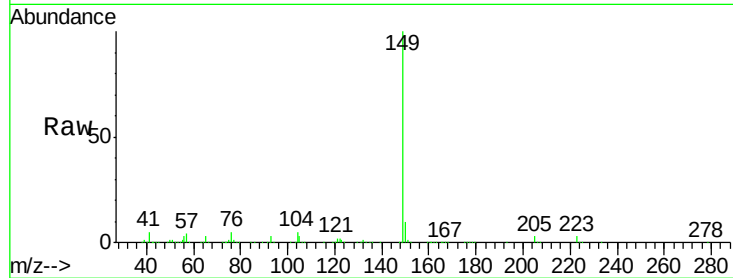
104 4.6 2.4 3.6#

Manual Integrations

APPROVED

sohil

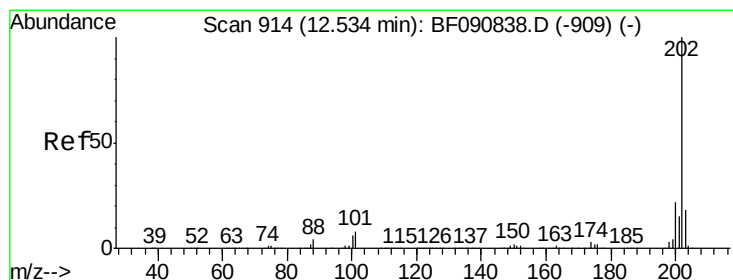
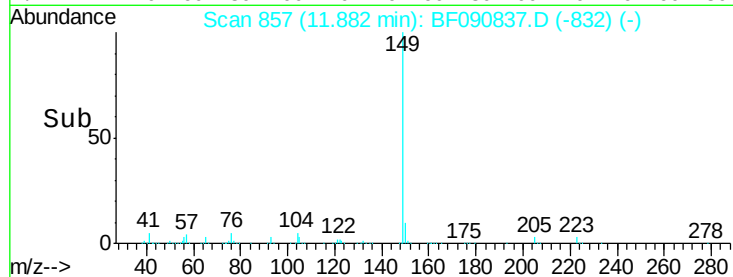
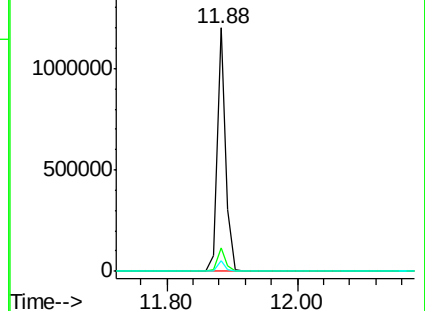
10/27/2016 3:45:46 PM



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: 25.35 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

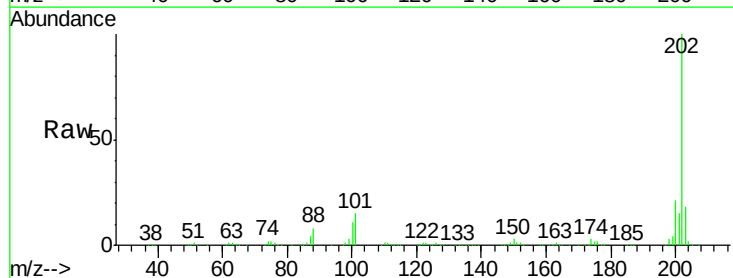
Tgt Ion:202 Resp: 1033401

Ion Ratio Lower Upper

202 100

101 14.7 0.0 38.3

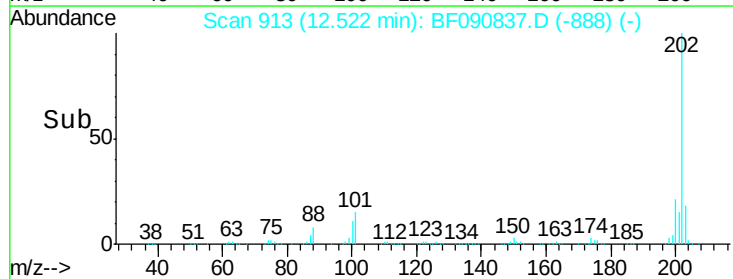
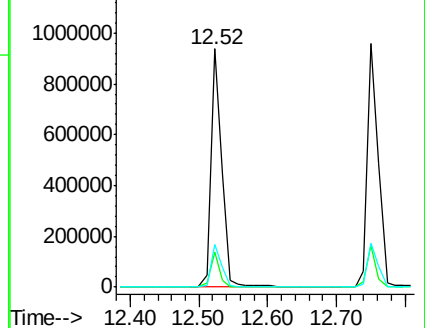
203 18.1 0.0 37.3

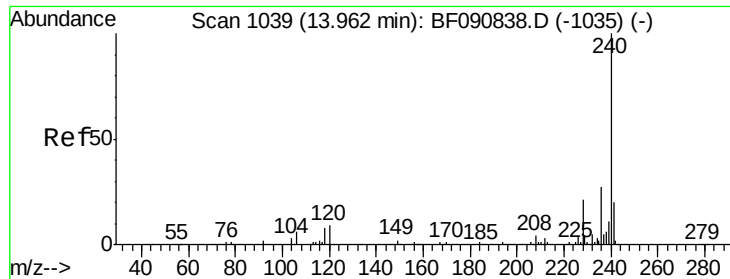


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

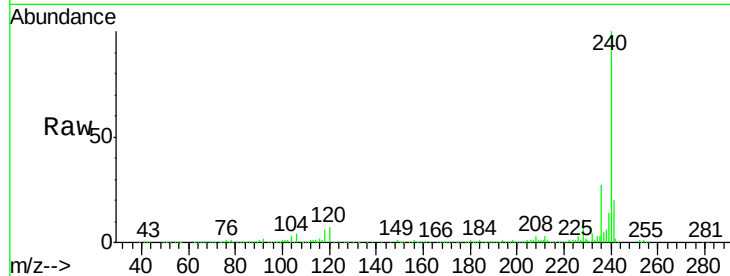
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	16.2	24.2#
236	26.5	18.4	27.6

Manual Integrations
APPROVED

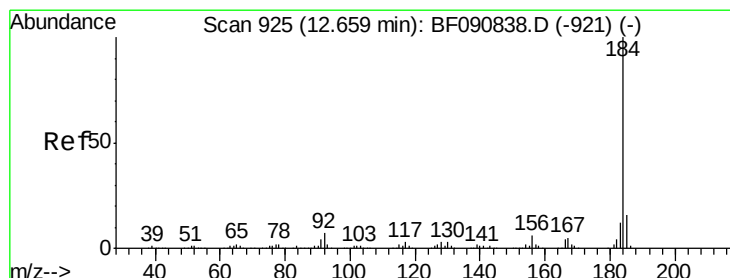
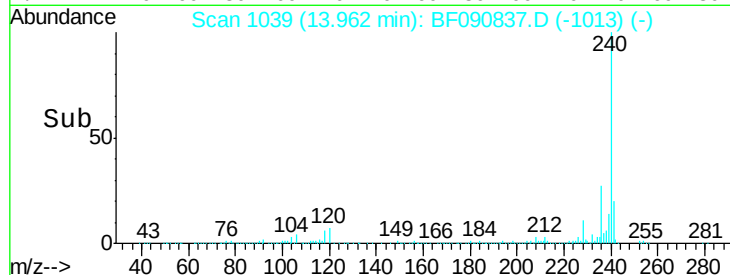
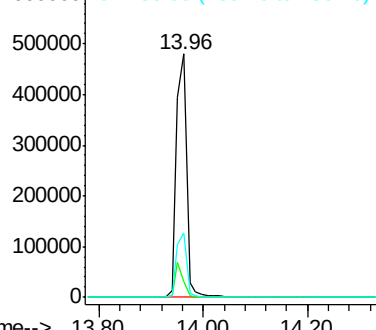
sohil
10/27/2016 3:45:46 PM



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



#76

Benzidine

Concen: 29.73 ng

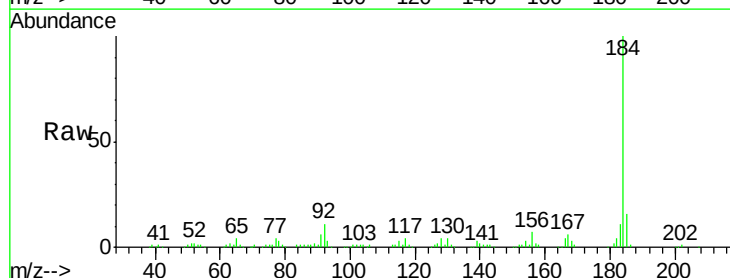
RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

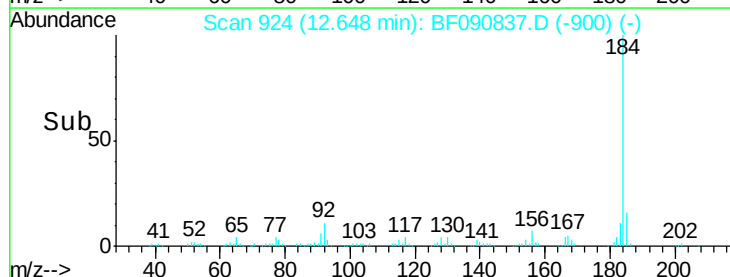
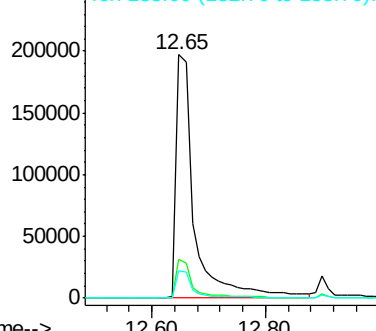
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.6
183	11.4	7.6	11.4

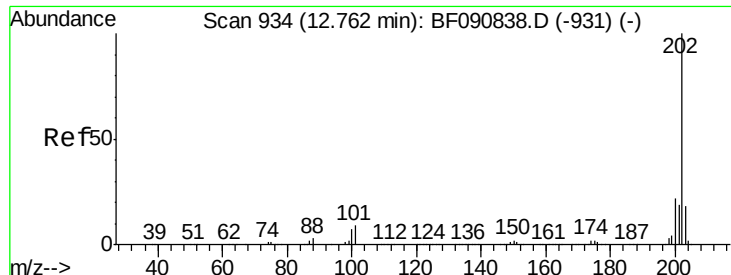


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





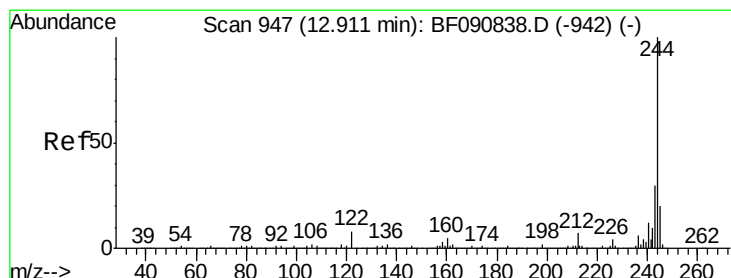
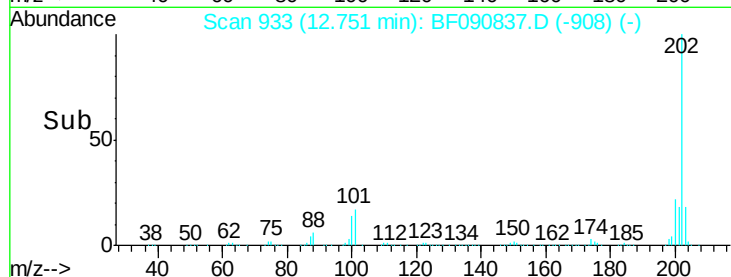
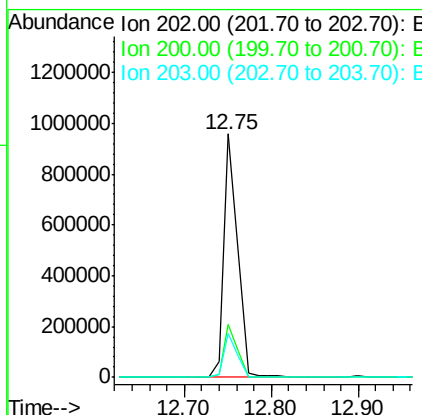
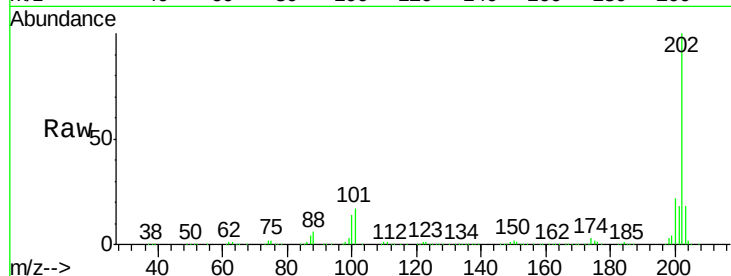
#77
Pvrene
Concen: 25.58 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	18.0	14.1	21.1

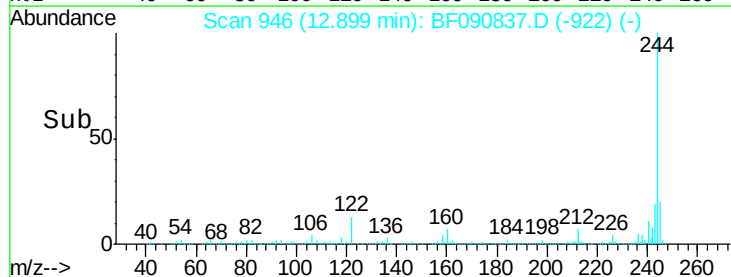
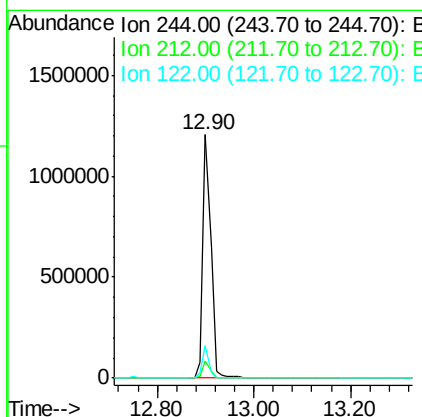
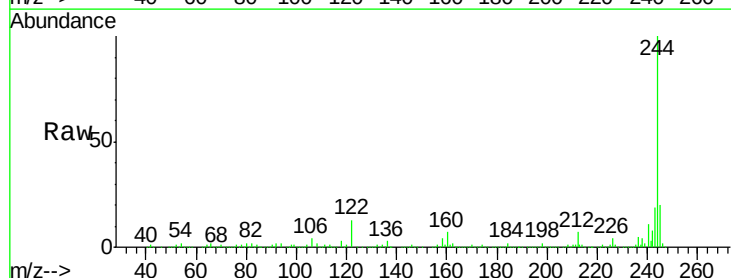
Manual Integrations
APPROVED

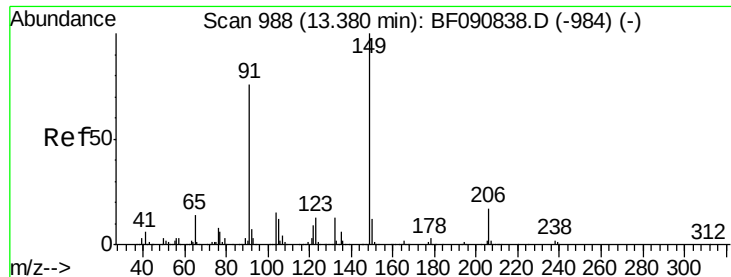
sohil
10/27/2016 3:45:46 PM



#78
Terphenyl-d14
Concen: 53.68 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	13.3	17.4	26.2#





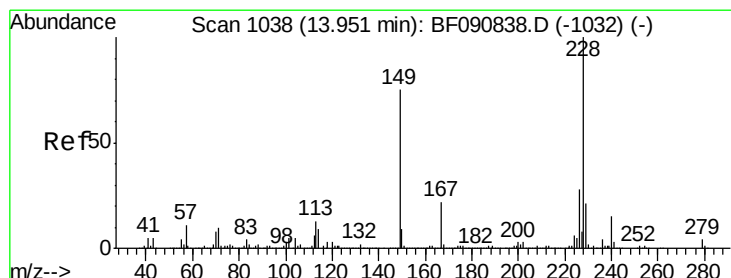
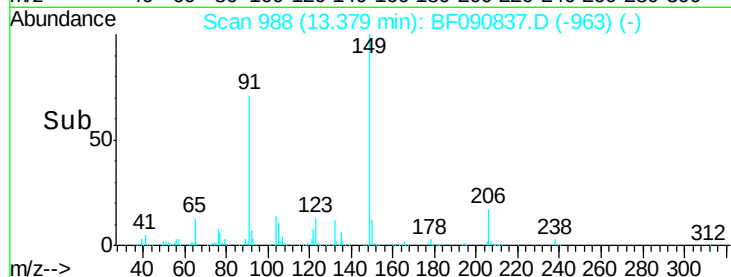
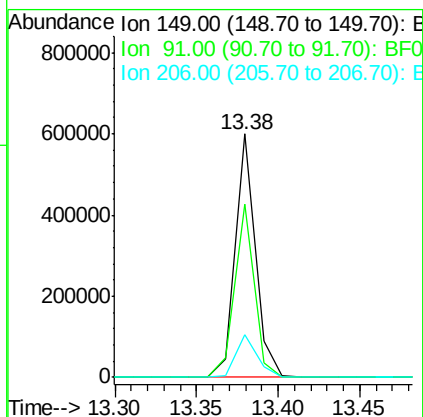
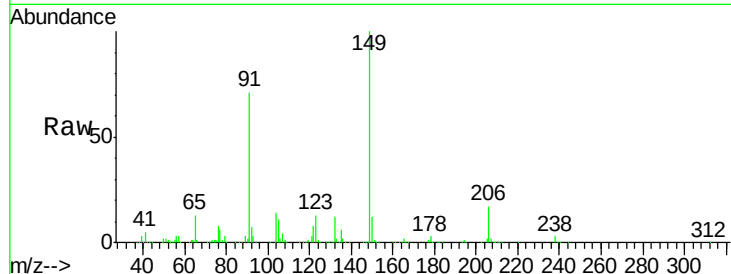
#79
Butylbenzylphthalate
Concen: 26.90 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	48.6	72.8
206	17.4	14.9	22.3

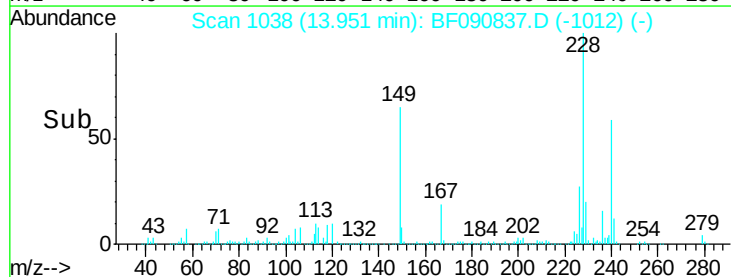
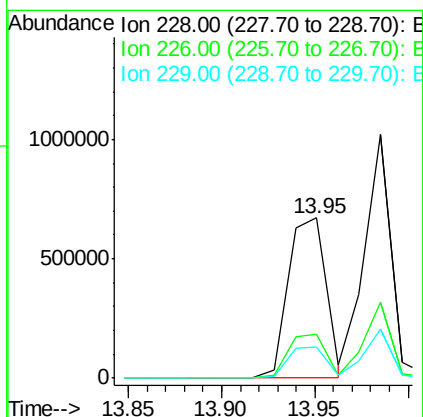
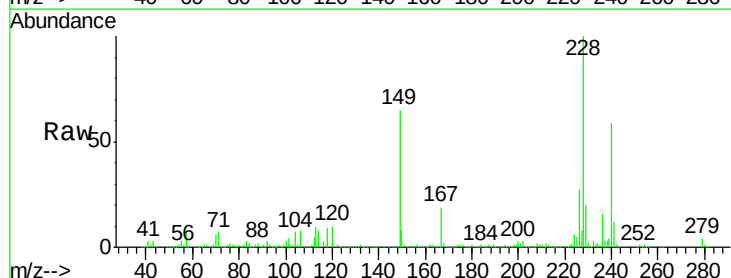
Manual Integrations
APPROVED

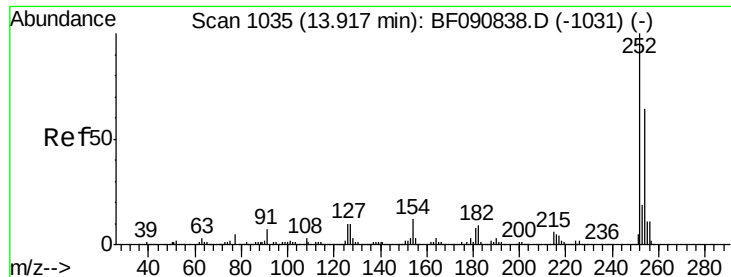
sohil
10/27/2016 3:45:46 PM



#80
Benzo(a)anthracene
Concen: 27.38 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.0	30.0
229	19.8	15.4	23.2





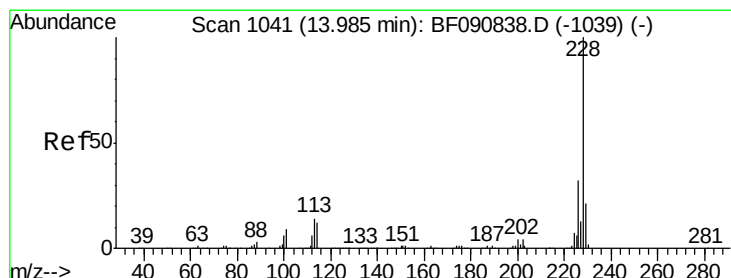
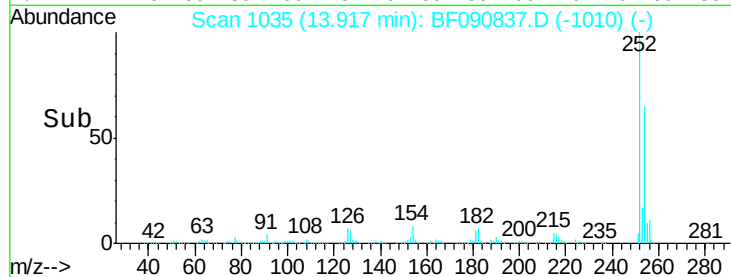
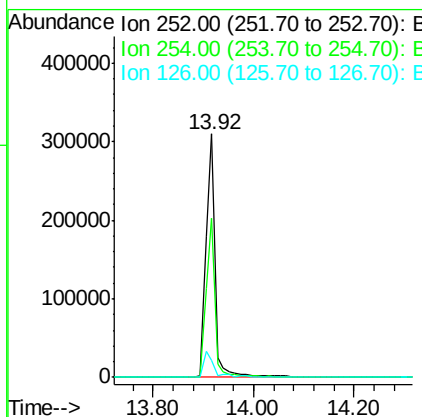
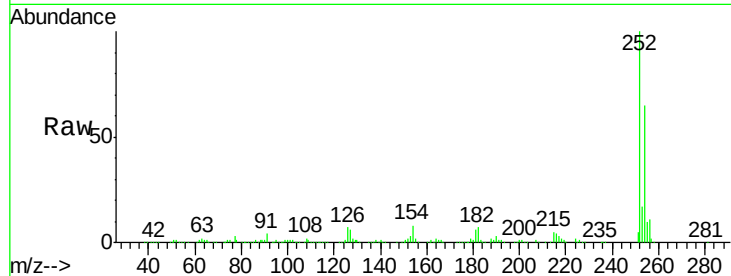
#81
 3,3'-Dichlorobenzidine
 Concen: 28.78 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	51.4	77.2
126	6.9	16.4	24.6

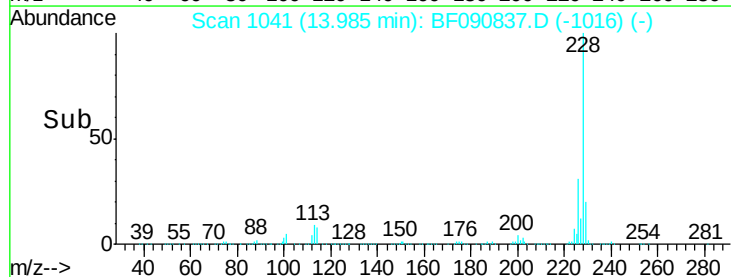
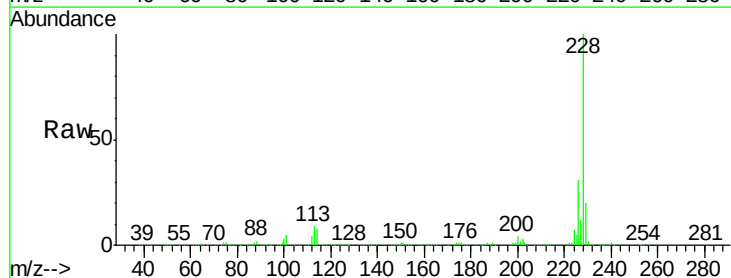
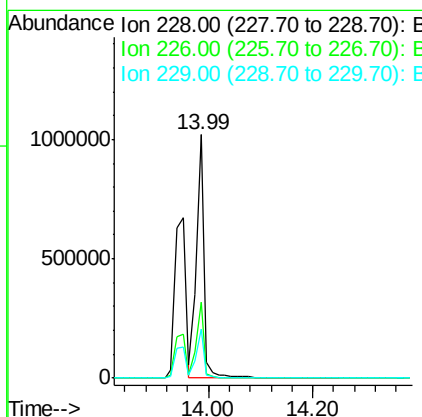
Manual Integrations
 APPROVED

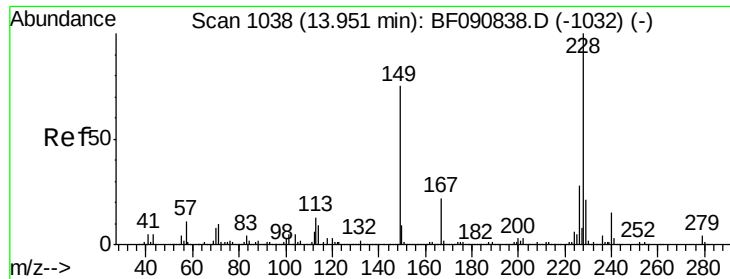
sohil
 10/27/2016 3:45:46 PM



#82
 Chrysene
 Concen: 29.65 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	21.0	31.4
229	20.0	15.6	23.4





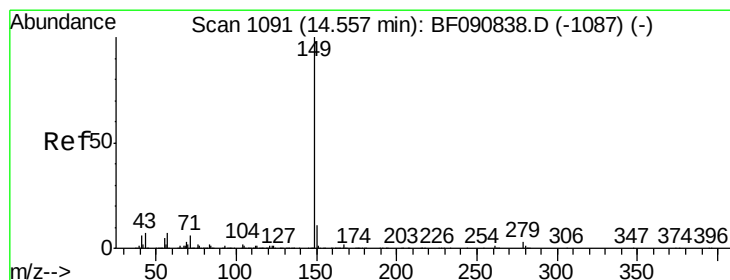
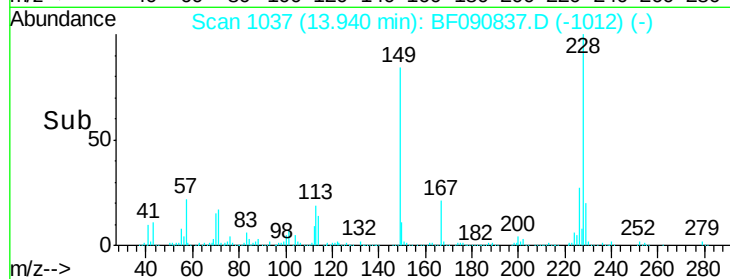
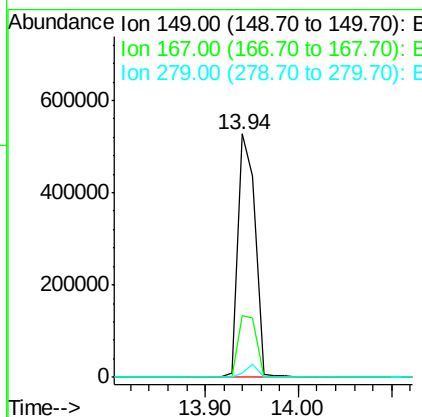
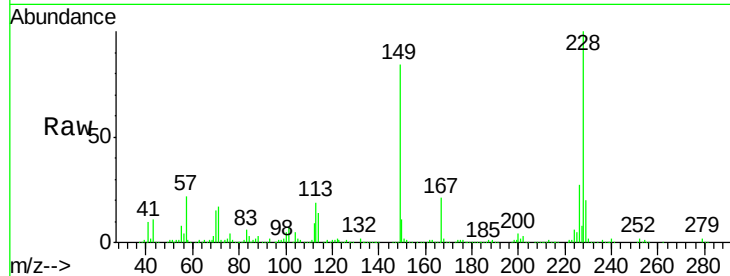
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.58 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	24.2	36.2
279	2.0	3.8	5.6#

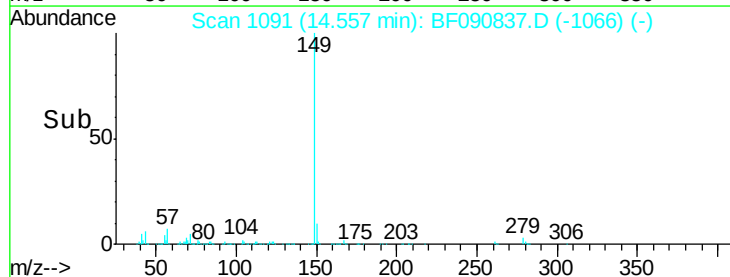
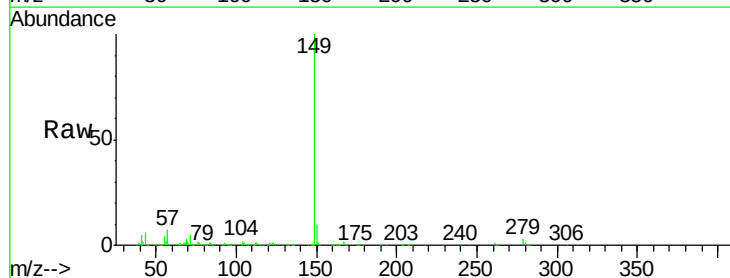
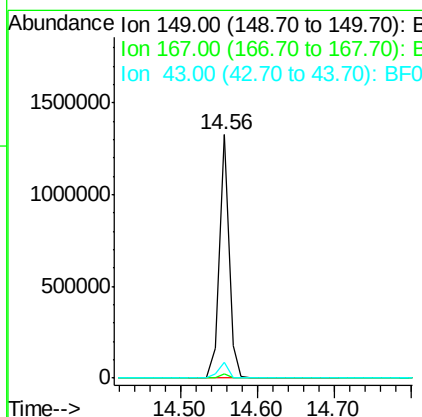
Manual Integrations
 APPROVED

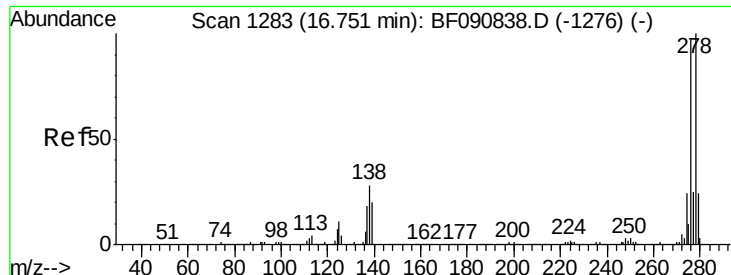
sohil
 10/27/2016 3:45:46 PM



#84
 Di-n-octyl phthalate
 Concen: 28.04 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.0	1.6
43	6.7	10.2	15.2#





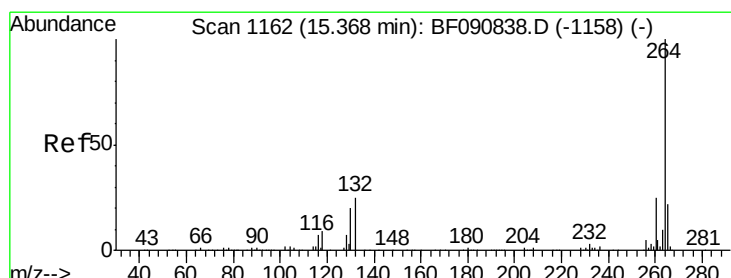
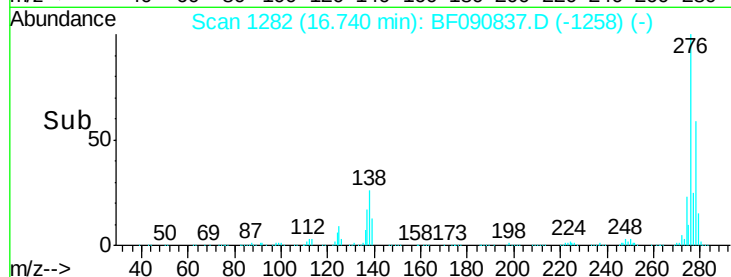
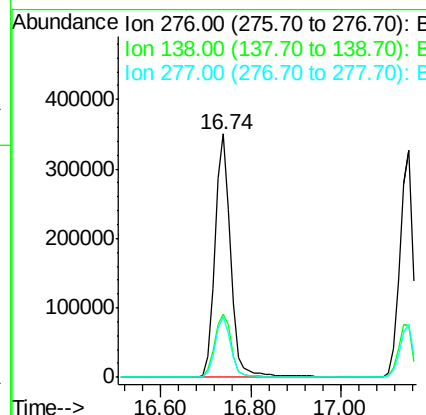
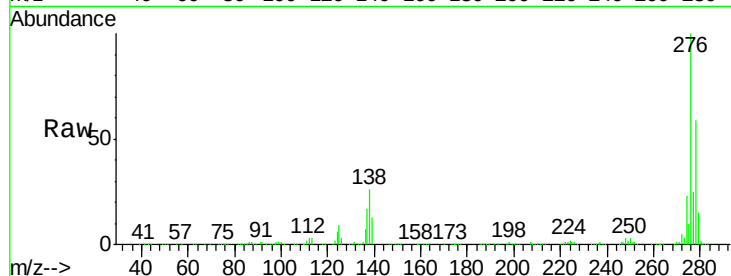
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.27 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.7	38.5
277	24.9	15.6	23.4

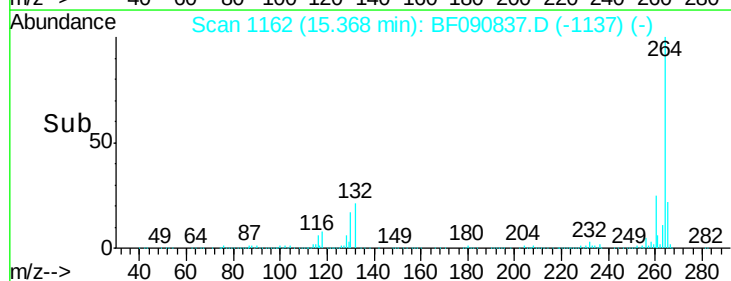
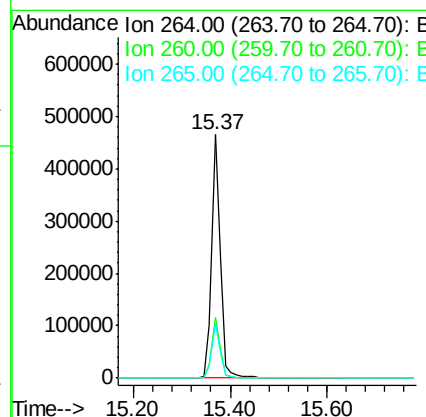
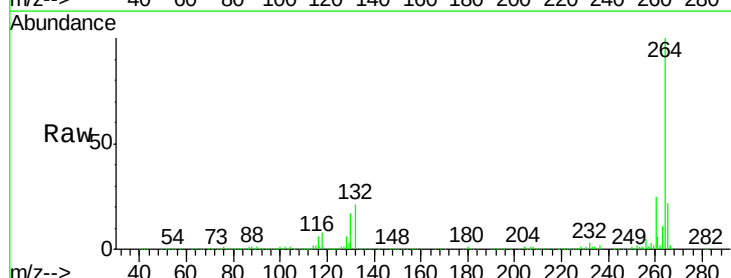
Manual Integrations
 APPROVED

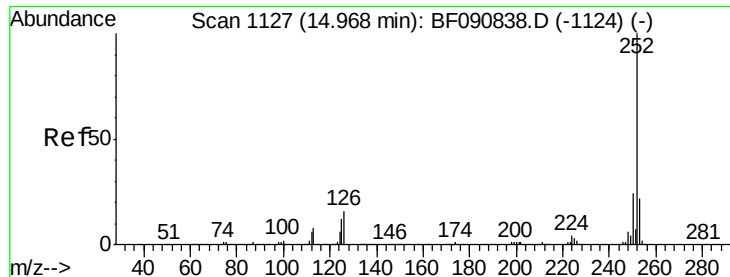
sohil
 10/27/2016 3:45:46 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	22.2	17.2	25.8





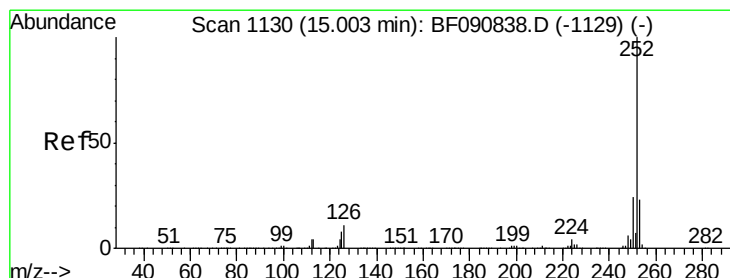
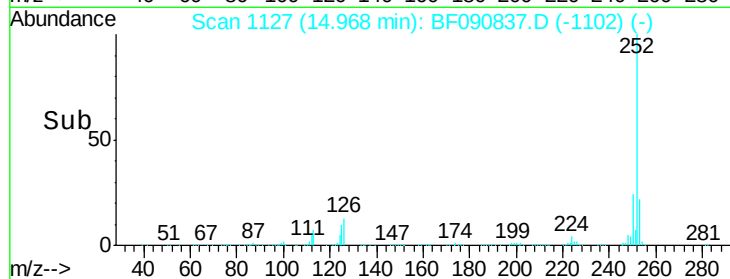
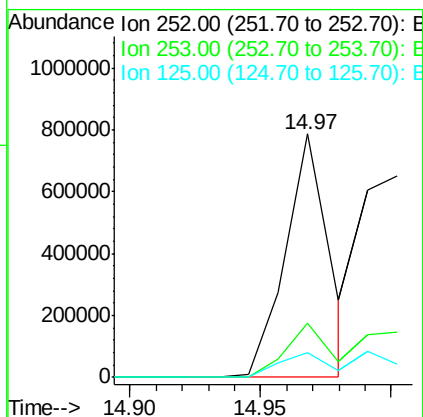
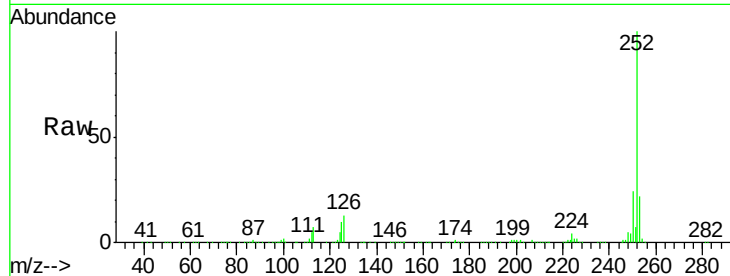
#87
Benzo(b)fluoranthene
Concen: 22.80 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	17.1	25.7#

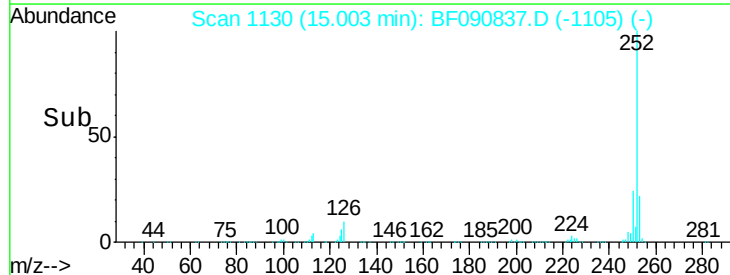
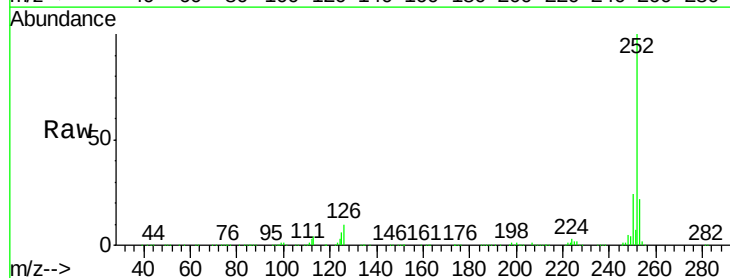
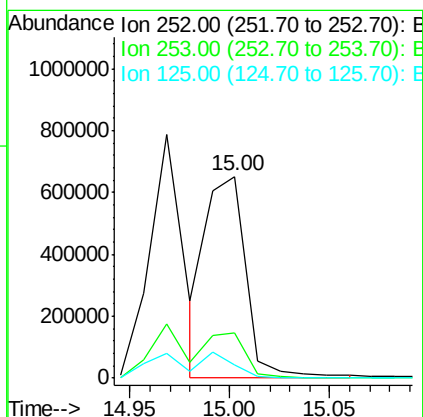
Manual Integrations
APPROVED

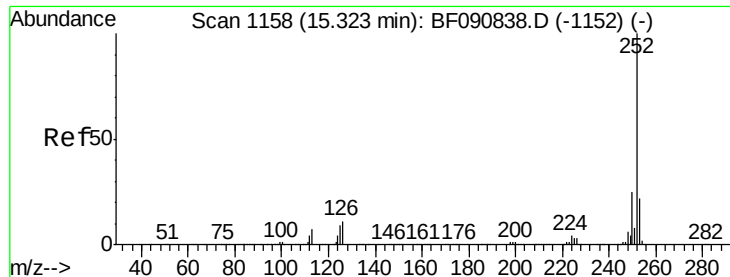
sohil
10/27/2016 3:45:46 PM



#88
Benzo(k)fluoranthene
Concen: 30.05 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	6.4	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 25.13 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

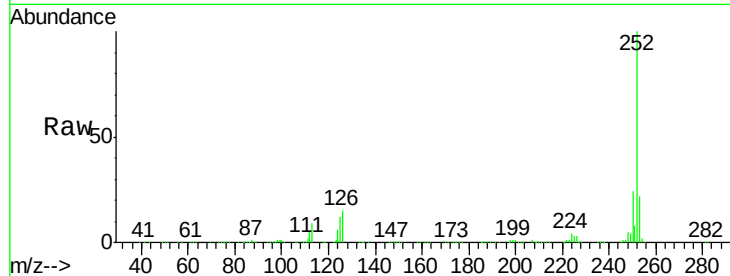
ClientSampleId :

SSTDICC025

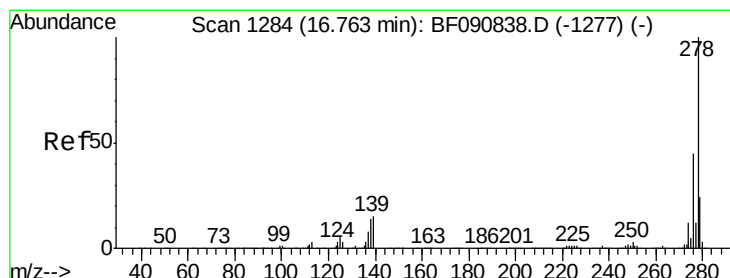
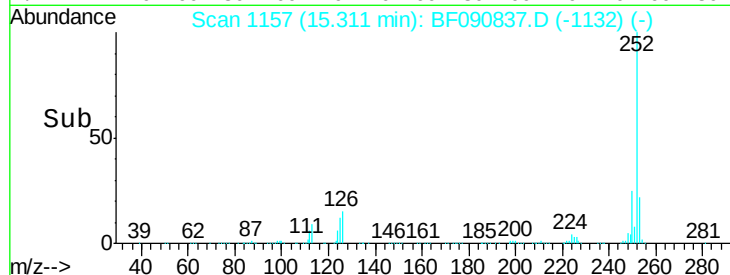
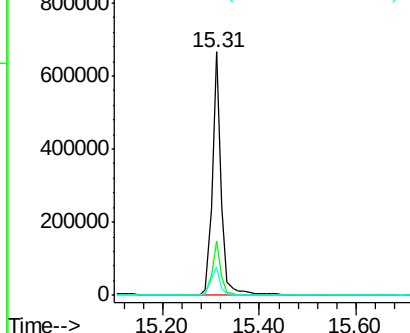
Tot Ion:	252	Resp:	855141
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.9	18.0	27.0#

Manual Integrations
APPROVED

sohil
10/27/2016 3:45:46 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 25.93 ng

RT: 16.75 min Scan# 1283

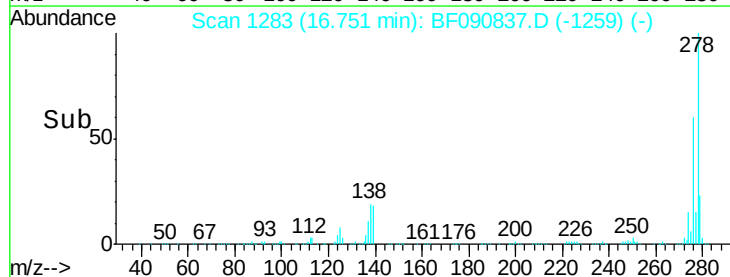
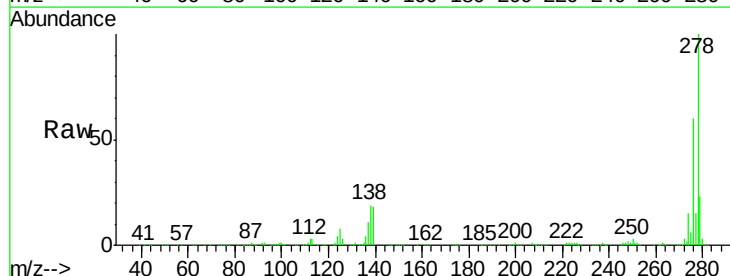
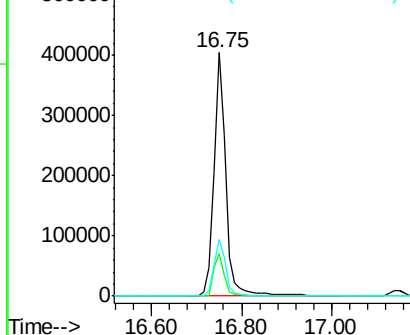
Delta R.T. -0.02 min

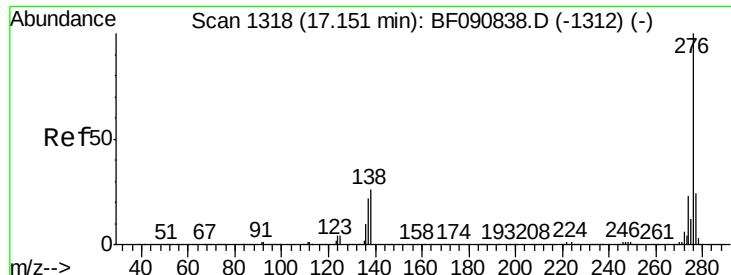
Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:	278	Resp:	746878
Ion Ratio		Lower	Upper
278	100		
139	17.7	26.3	39.5#
279	23.4	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 25.32 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	276	Resp:	686710
Ion Ratio		Lower	Upper
276	100		
277	23.3	17.8	26.6
138	22.7	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/27/2016 3:45:46 PM

