

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090369.D
 Acq On : 5 Oct 2016 3:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

sohil
 10/5/2016 7:27:09 PM

Quant Time: Oct 05 04:50:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 03:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	152653	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	590003	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	272460	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	463077	20.00	ng	0.00
75) Chrysene-d12	14.20	240	484668	20.00	ng	0.01
86) Perylene-d12	15.71	264	365799	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	937485	96.86	ng	0.01
7) Phenol-d6	6.63	99	1072851	88.68	ng	0.01
23) Nitrobenzene-d5	7.57	82	885321	87.47	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	195847	82.76	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1405646	84.11	ng	0.00
78) Terphenyl-d14	13.14	244	1352821	64.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	236417	50.05	ng	# 93
3) Pyridine	3.49	79	621407	49.62	ng	# 84
4) n-Nitrosodimethylamine	3.42	42	243648	53.71	ng	# 60
6) Aniline	6.67	93	707754	42.58	ng	99
8) 2-Chlorophenol	6.79	128	453975	41.74	ng	95
9) Benzaldehyde	6.55	77	261170	46.51	ng	90
10) Phenol	6.65	94	655365	44.54	ng	94
11) bis(2-Chloroethyl)ether	6.74	93	419330	40.13	ng	# 82
12) 1,3-Dichlorobenzene	6.95	146	472627m	41.84	ng	
13) 1,4-Dichlorobenzene	7.03	146	444840	38.78	ng	95
14) 1,2-Dichlorobenzene	7.18	146	407743	37.39	ng	96
15) Benzyl Alcohol	7.15	79	405674	47.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	758274	47.48	ng	97
17) 2-Methylphenol	7.26	107	362646	43.05	ng	97
18) Hexachloroethane	7.53	117	110964	26.74	ng	# 82
19) n-Nitroso-di-n-propylamine	7.42	70	380664	49.27	ng	# 83
20) 3+4-Methylphenols	7.41	107	443841	41.44	ng	96
22) Acetophenone	7.42	105	605232	44.31	ng	# 87
24) Nitrobenzene	7.59	77	533470	49.36	ng	96
25) Isophorone	7.83	82	898189	46.64	ng	99
26) 2-Nitrophenol	7.91	139	190020	45.57	ng	93
27) 2,4-Dimethylphenol	7.95	122	390944	41.55	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	487076	40.74	ng	# 96
29) 2,4-Dichlorophenol	8.15	162	306711	39.82	ng	95
30) 1,2,4-Trichlorobenzene	8.25	180	299721	34.74	ng	94
31) Naphthalene	8.33	128	1142173	40.50	ng	97
32) Benzoic acid	8.04	122	275995	45.89	ng	97
33) 4-Chloroaniline	8.37	127	457131	40.58	ng	# 89
34) Hexachlorobutadiene	8.44	225	159043	31.32	ng	99
35) Caprolactam	8.71	113	92662	46.00	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	351609	42.51	ng	94
37) 2-Methylnaphthalene	9.01	142	636149	35.95	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	291668	37.92	ng	99
40) Hexachlorocyclopentadiene	9.17	237	29295	11.18	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090369.D
 Acq On : 5 Oct 2016 3:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

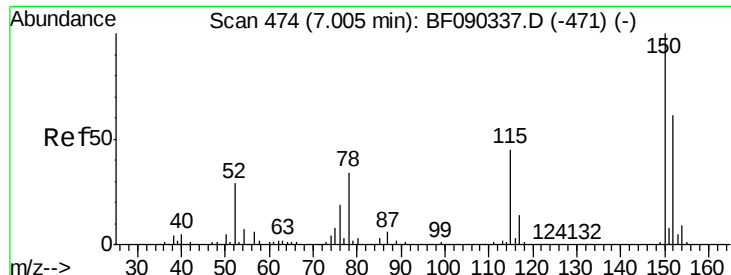
Manual Integrations
 APPROVED

sohil
 10/5/2016 7:27:09 PM

Quant Time: Oct 05 04:50:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 03:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	177423	36.67	ng	97
43) 2,4,5-Trichlorophenol	9.33	196	187885	38.60	ng	# 88
45) 1,1'-Biphenyl	9.48	154	919757	43.60	ng	97
46) 2-Chloronaphthalene	9.50	162	612417	38.68	ng	99
47) 2-Nitroaniline	9.59	65	267138	61.81	ng	97
48) Acenaphthylene	9.93	152	996961	41.62	ng	96
49) Dimethylphthalate	9.78	163	737515	45.73	ng	97
50) 2,6-Dinitrotoluene	9.83	165	149588	42.40	ng	97
51) Acenaphthene	10.10	154	600904	41.23	ng	99
52) 3-Nitroaniline	10.01	138	205563	51.44	ng	# 91
53) 2,4-Dinitrophenol	10.11	184	17332	19.94	ng	# 83
54) Dibenzofuran	10.27	168	819863	42.54	ng	99
55) 4-Nitrophenol	10.15	139	172188	54.11	ng	98
56) 2,4-Dinitrotoluene	10.23	165	184374	43.42	ng	# 21
57) Fluorene	10.61	166	732247	45.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	144968	42.23	ng	# 86
59) Diethylphthalate	10.47	149	707857	42.94	ng	# 90
60) 4-Chlorophenyl-phenylether	10.60	204	309039	40.42	ng	92
61) 4-Nitroaniline	10.61	138	192574	53.57	ng	93
62) Azobenzene	10.76	77	865296	50.36	ng	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	33216	20.90	ng	# 61
65) n-Nitrosodiphenylamine	10.71	169	573408	36.31	ng	98
66) 4-Bromophenyl-phenylether	11.09	248	176265	35.22	ng	# 89
67) Hexachlorobenzene	11.16	284	194590	33.08	ng	# 87
68) Atrazine	11.24	200	135091	35.73	ng	97
69) Pentachlorophenol	11.35	266	122182	37.06	ng	98
70) Phenanthrene	11.57	178	923931	37.19	ng	97
71) Anthracene	11.63	178	1059516	42.72	ng	97
72) Carbazole	11.78	167	980446	43.01	ng	98
73) Di-n-butylphthalate	12.11	149	1182247	43.39	ng	98
74) Fluoranthene	12.77	202	1041286	44.19	ng	90
76) Benzidine	12.89	184	564744	42.37	ng	99
77) Pyrene	13.00	202	1135355	36.59	ng	98
79) Butylbenzylphthalate	13.62	149	614298	50.23	ng	# 87
80) Benzo(a)anthracene	14.19	228	1086227	39.97	ng	98
81) 3,3'-Dichlorobenzidine	14.16	252	413773	44.20	ng	# 98
82) Chrysene	14.22	228	904772	35.53	ng	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	884804	45.22	ng	# 96
84) Di-n-octyl phthalate	14.80	149	1488559	52.37	ng	95
85) Indeno(1,2,3-cd)pyrene	17.23	276	745004	27.22	ng	# 94
87) Benzo(b)fluoranthene	15.26	252	931075	44.26	ng	# 96
88) Benzo(k)fluoranthene	15.30	252	942905m	46.93	ng	
89) Benzo(a)pyrene	15.64	252	810678	42.25	ng	# 94
90) Dibenzo(a,h)anthracene	17.25	278	627559	33.35	ng	96
91) Benzo(g,h,i)perylene	17.69	276	568852	30.87	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

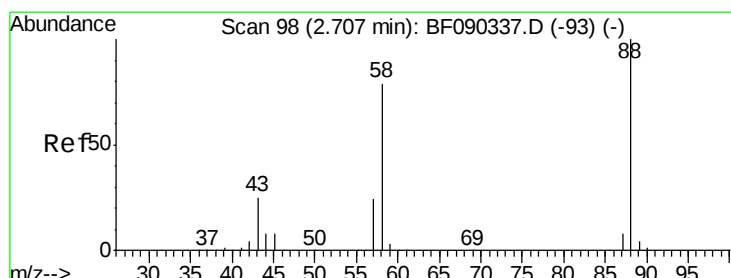
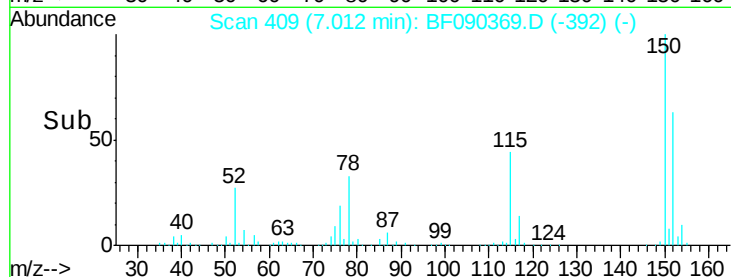
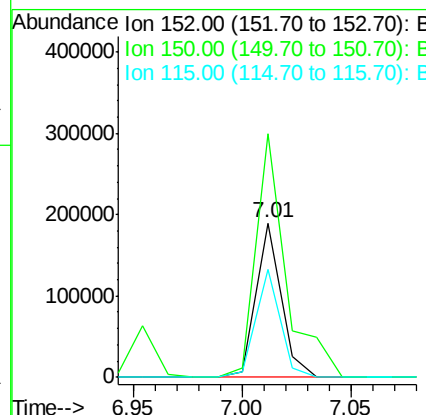
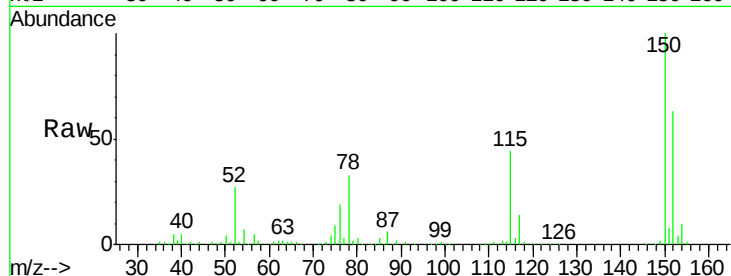
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	152653
Ion Ratio	Lower	Upper	
152	100		
150	157.8	124.6	186.8
115	69.8	46.2	69.4#

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#2

1,4-Dioxane

Concen: 50.05 ng

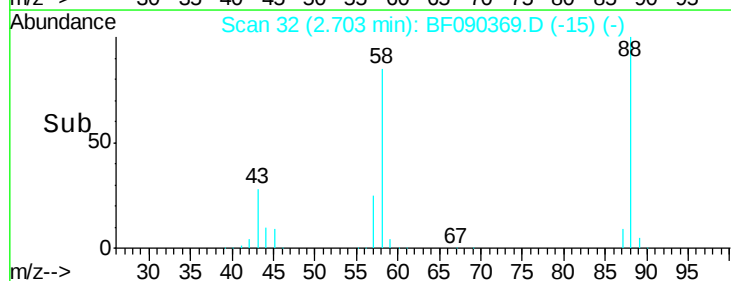
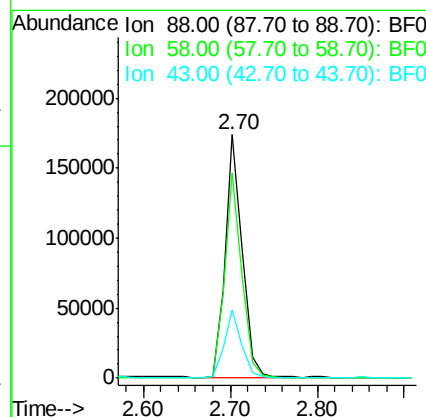
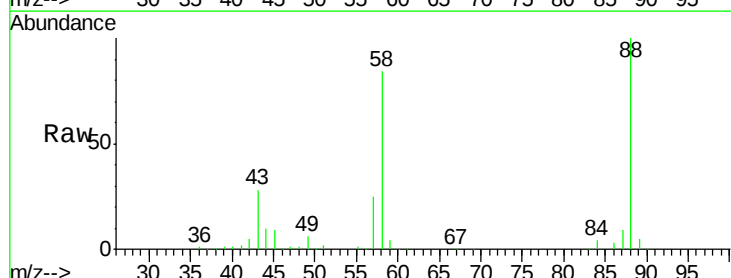
RT: 2.70 min Scan# 32

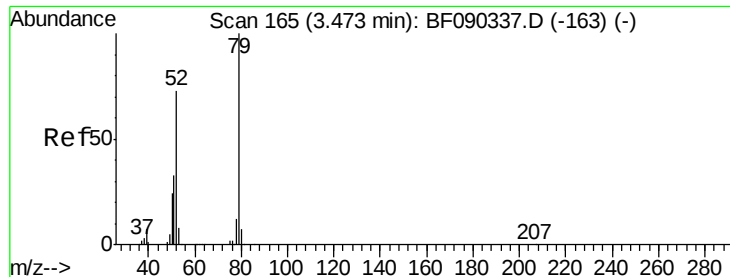
Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	88	Resp:	236417
Ion Ratio	Lower	Upper	
88	100		
58	85.5	71.2	106.8
43	28.0	29.8	44.6#





#3

Pyridine

Concen: 49.62 ng

RT: 3.49 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 621407

Ion Ratio Lower Upper

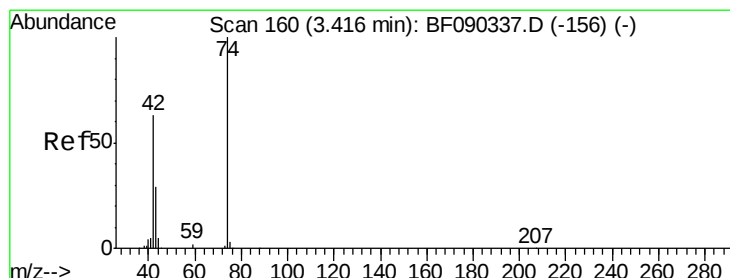
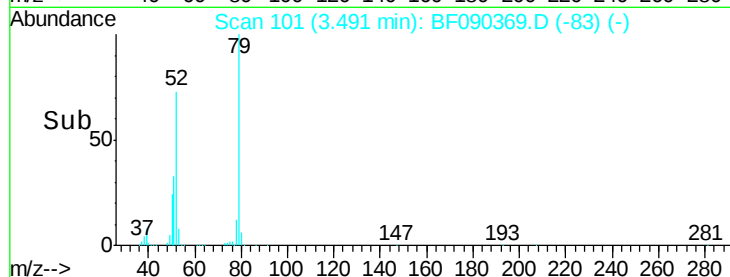
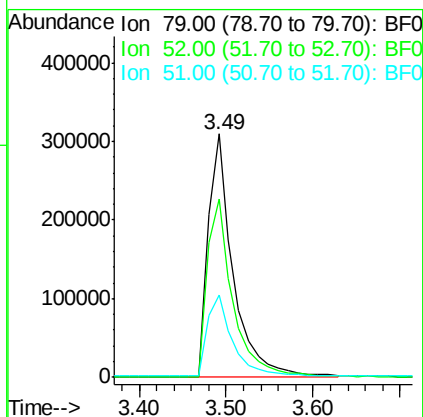
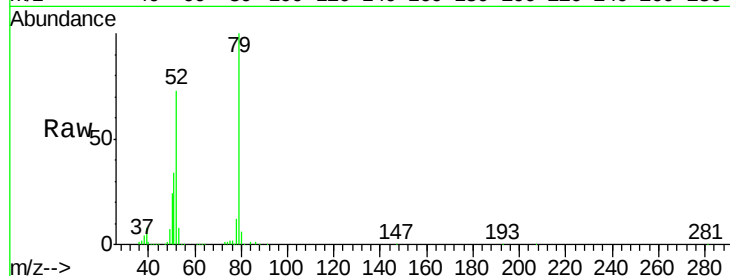
79 100

52 73.3 71.3 106.9

51 33.8 34.5 51.7#

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#4

n-Nitrosodimethylamine

Concen: 53.71 ng

RT: 3.42 min Scan# 95

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

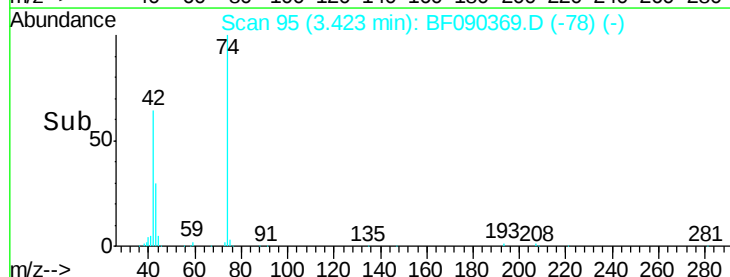
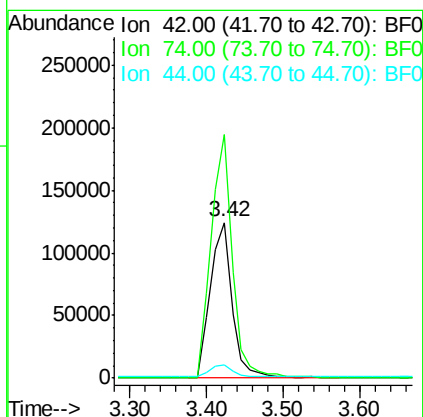
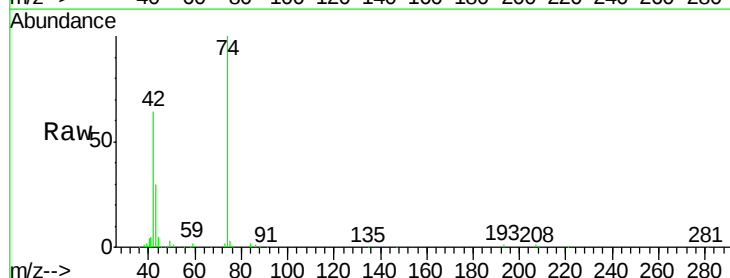
Tgt Ion: 42 Resp: 243648

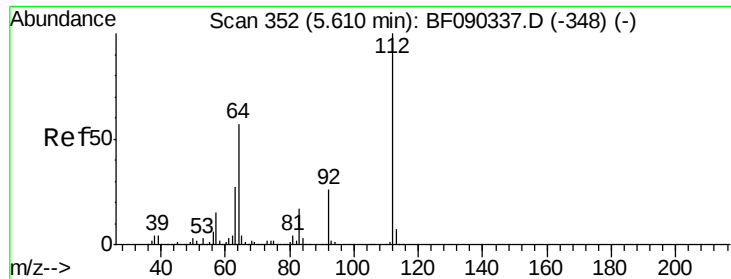
Ion Ratio Lower Upper

42 100

74 156.3 88.9 133.3#

44 8.5 6.5 9.7





#5

2-Fluorophenol

Concen: 96.86 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

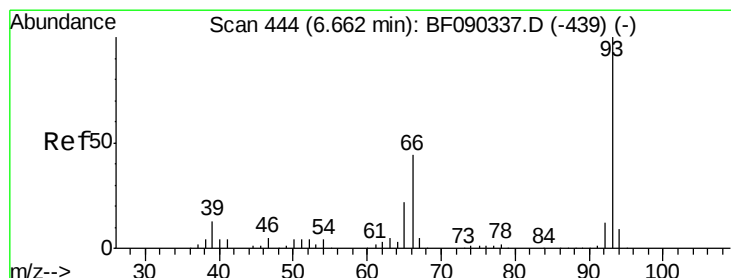
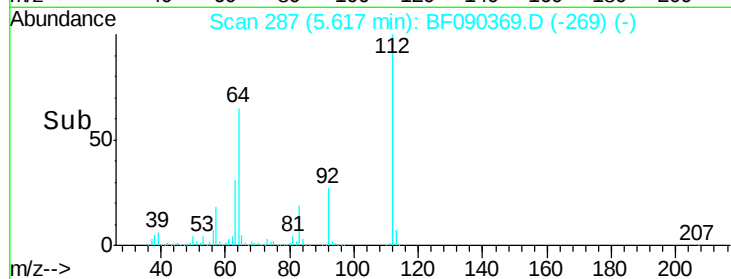
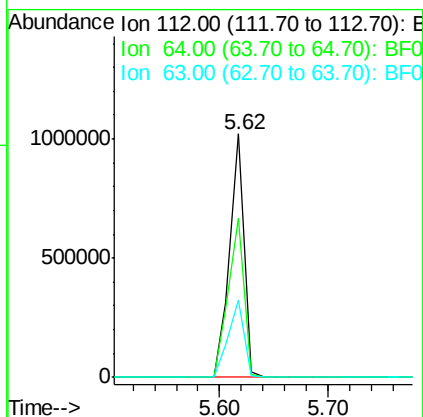
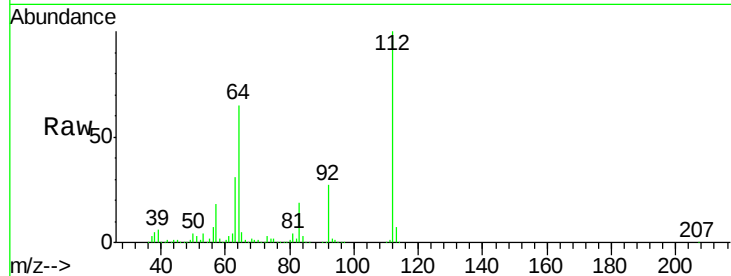
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	937485
Ion Ratio	Lower	Upper	
112	100		
64	65.4	57.9	86.9
63	31.5	29.6	44.4

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#6

Aniline

Concen: 42.58 ng

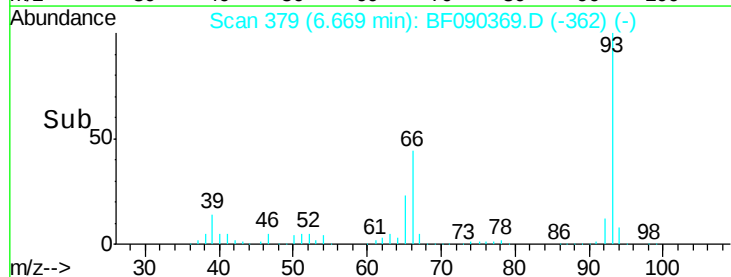
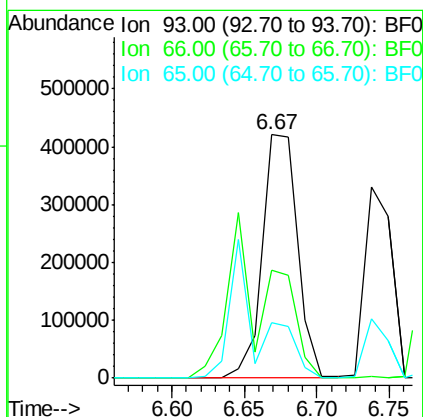
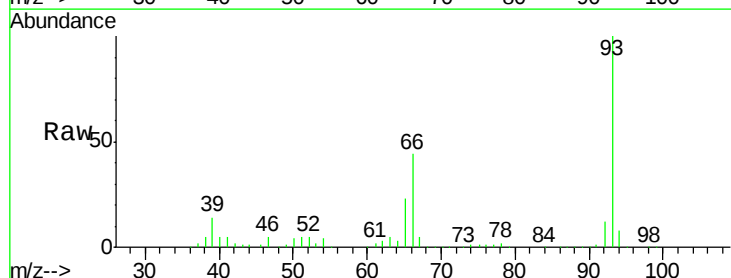
RT: 6.67 min Scan# 379

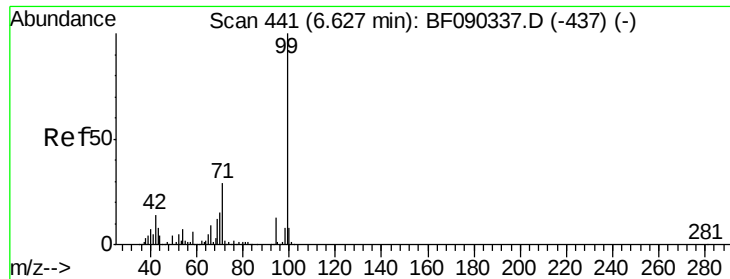
Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	93	Resp:	707754
Ion Ratio	Lower	Upper	
93	100		
66	44.2	34.5	51.7
65	22.5	18.2	27.2





#7

Phenol-d6

Concen: 88.68 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1072851

Ion Ratio Lower Upper

99 100

42 17.3 20.0 30.0#

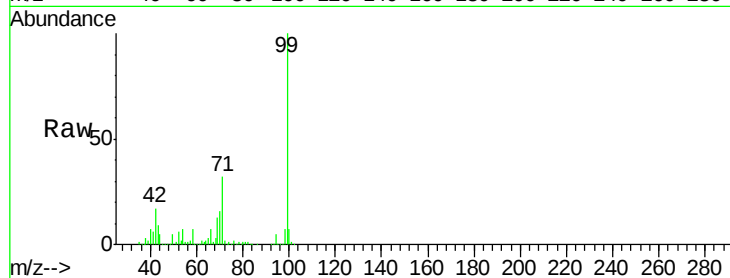
71 32.0 27.9 41.9

Manual Integrations

APPROVED

sohil

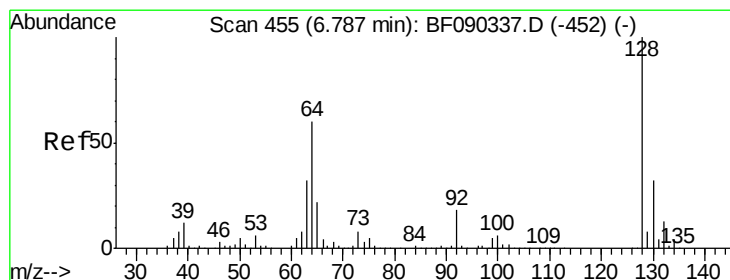
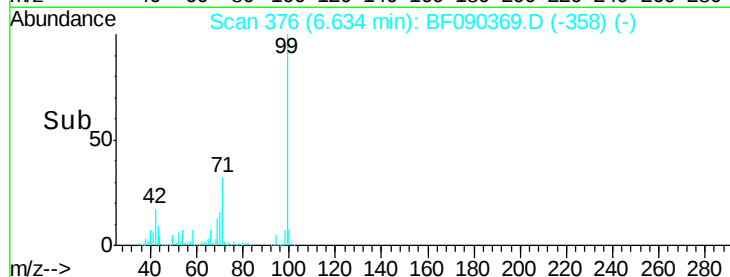
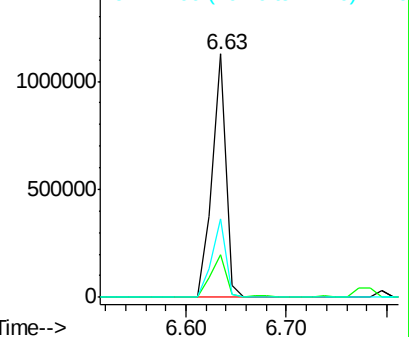
10/5/2016 7:27:09 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.74 ng

RT: 6.79 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

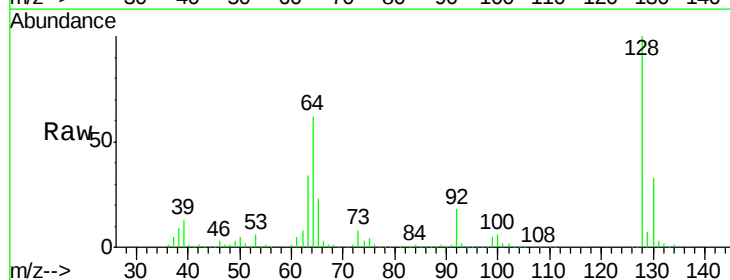
Tgt Ion: 128 Resp: 453975

Ion Ratio Lower Upper

128 100

130 32.5 13.3 53.3

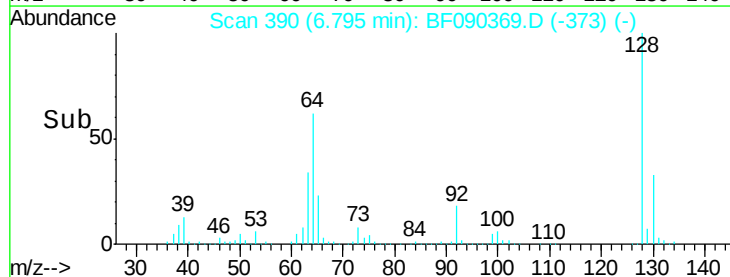
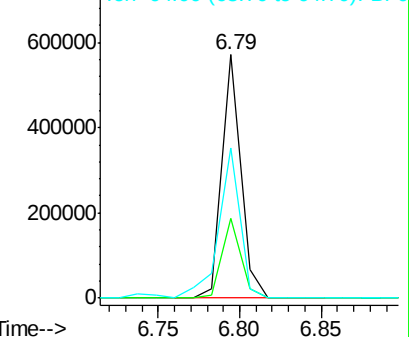
64 61.6 36.0 76.0

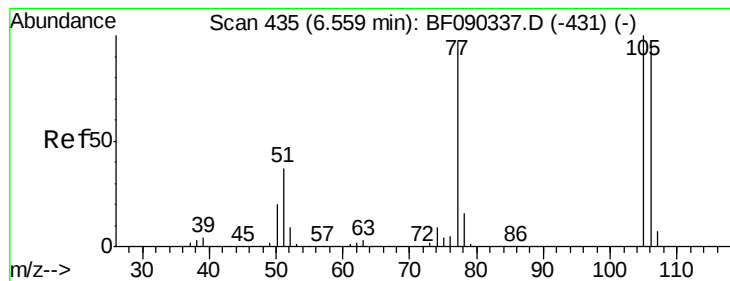


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.51 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

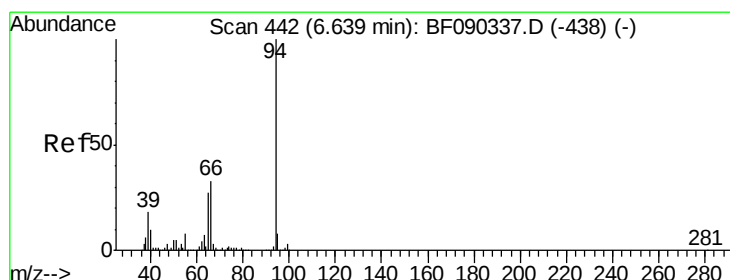
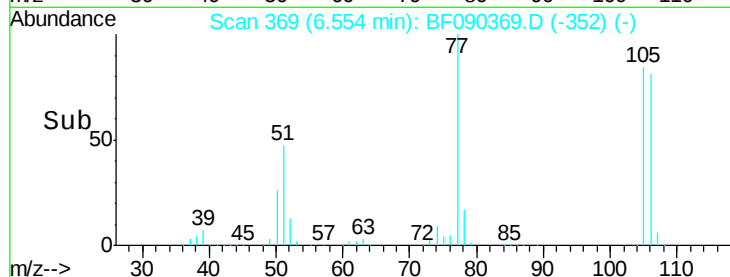
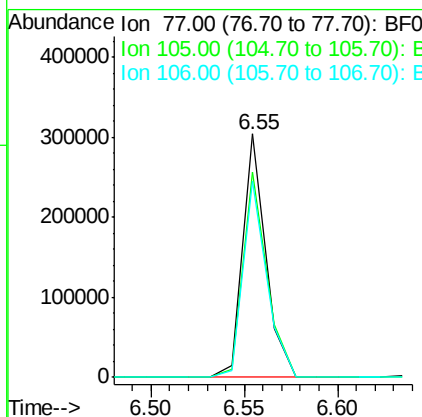
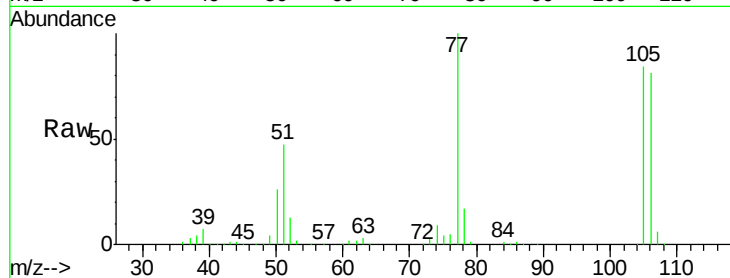
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	261170
Ion	Ratio	Lower	Upper
77	100		
105	84.2	73.1	113.1
106	80.5	70.2	110.2

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#10

Phenol

Concen: 44.54 ng

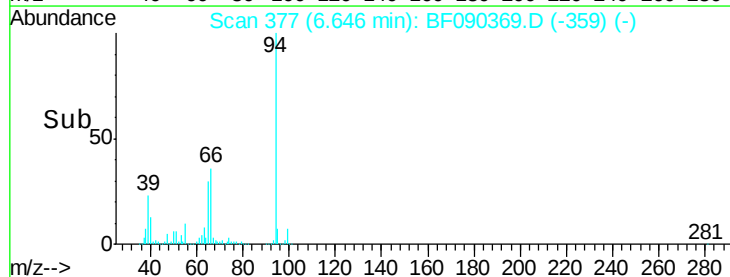
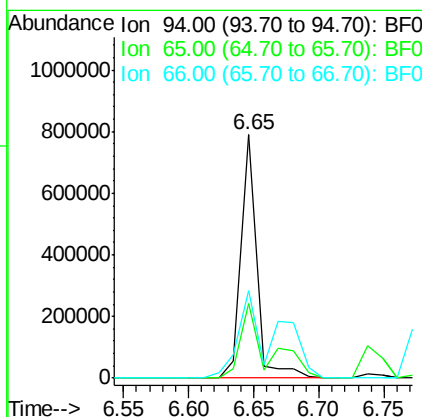
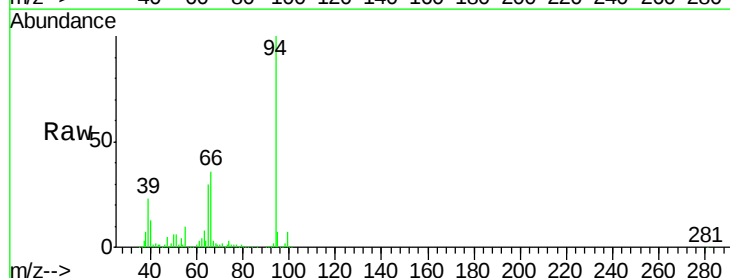
RT: 6.65 min Scan# 377

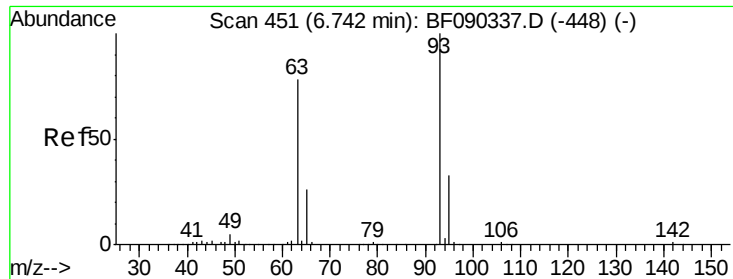
Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	94	Resp:	655365
Ion	Ratio	Lower	Upper
94	100		
65	30.5	13.3	53.3
66	36.1	20.4	60.4





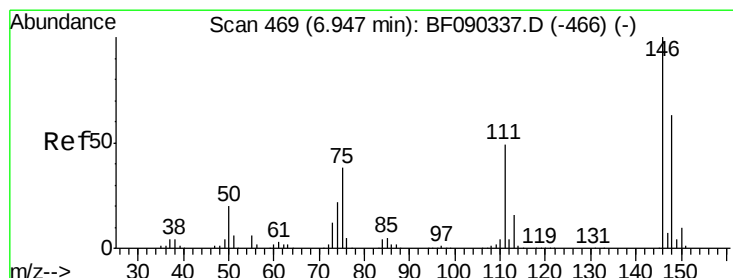
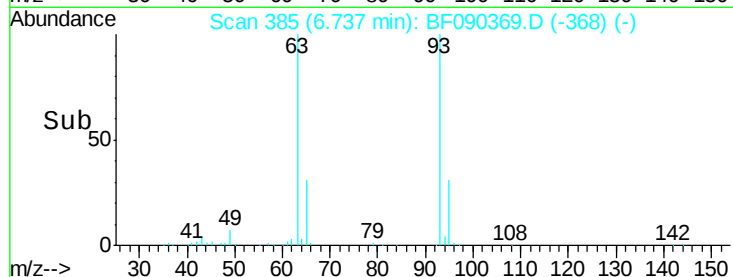
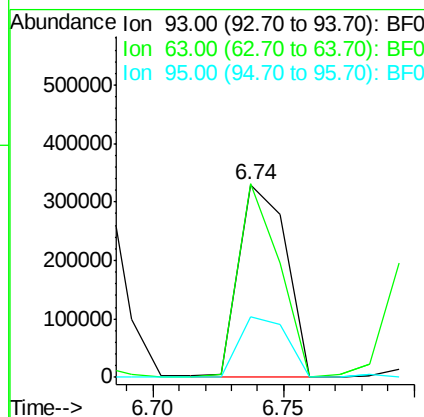
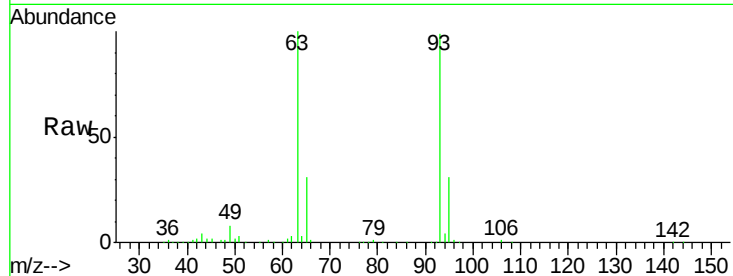
#11
bis(2-Chloroethyl)ether
Concen: 40.13 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 419330
Ion Ratio Lower Upper
93 100
63 100.7 59.7 99.7#
95 31.4 14.0 54.0

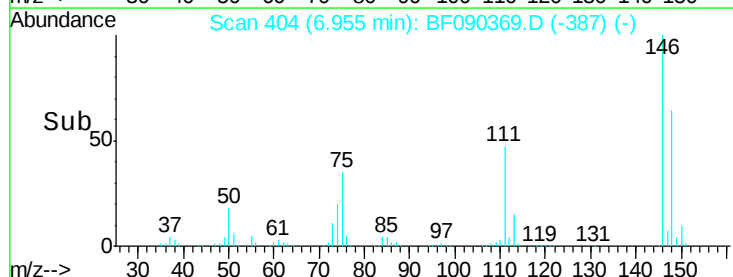
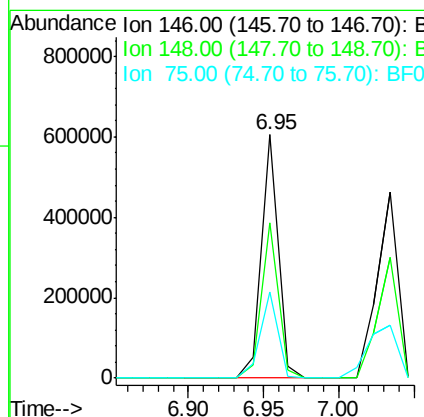
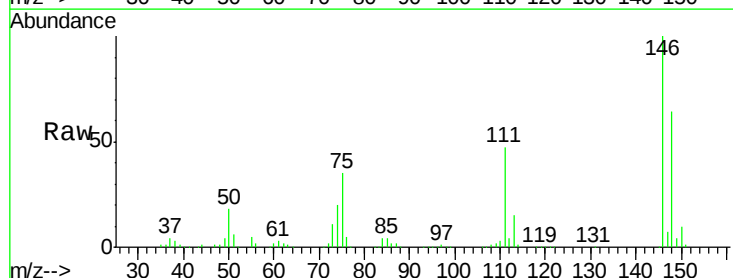
Manual Integrations
APPROVED

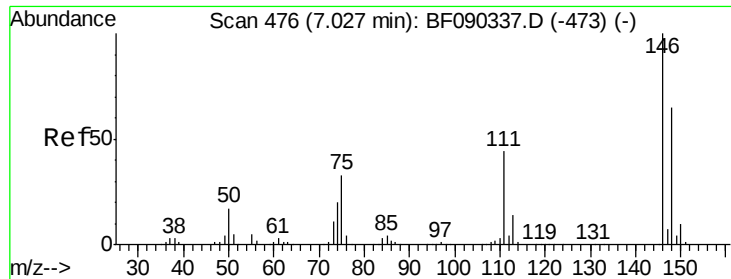
sohil
10/5/2016 7:27:09 PM



#12
1,3-Dichlorobenzene
Concen: 41.84 ng m
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion: 146 Resp: 472627
Ion Ratio Lower Upper
146 100
148 63.9 52.2 78.4
75 35.3 21.4 32.2#





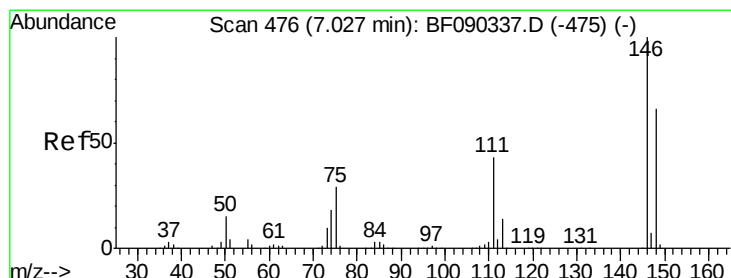
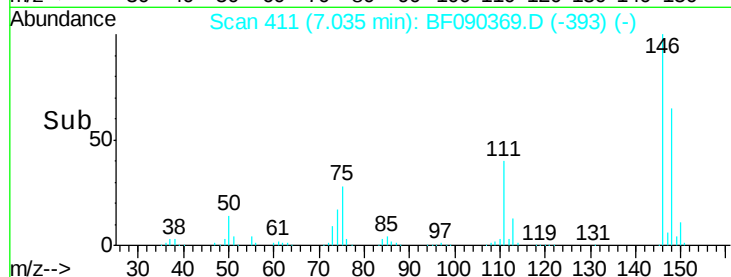
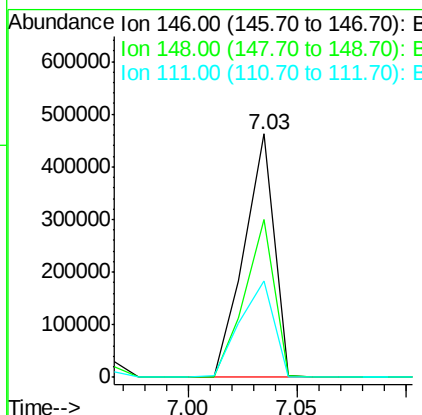
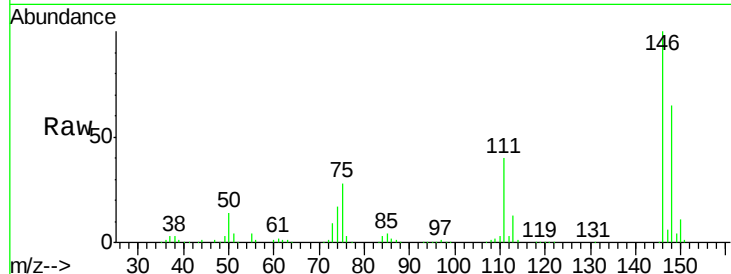
#13
 1,4-Dichlorobenzene
 Concen: 38.78 ng
 RT: 7.03 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	39.9	37.8	56.6

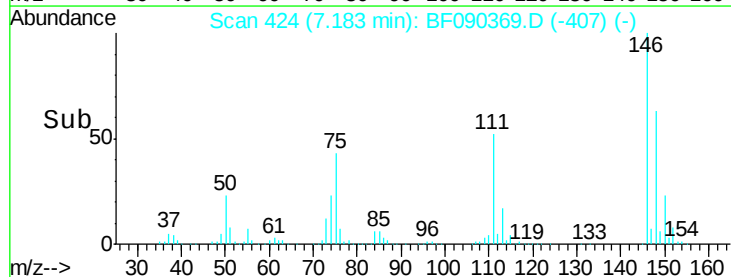
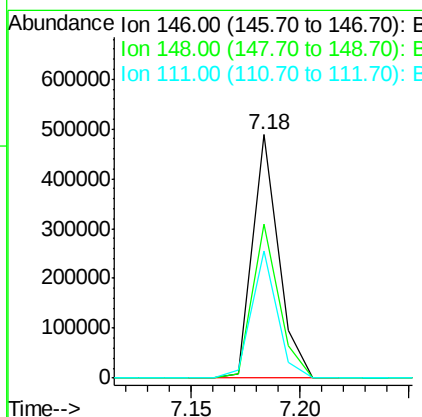
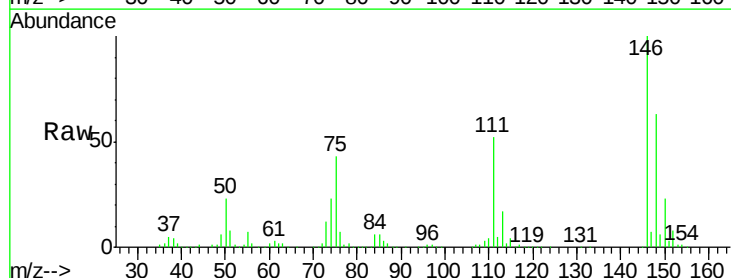
Manual Integrations
 APPROVED

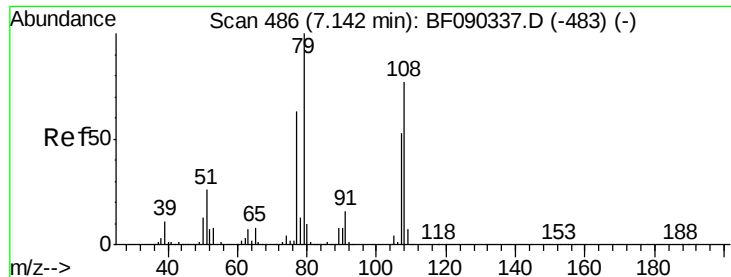
sohil
 10/5/2016 7:27:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.39 ng
 RT: 7.18 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.3	78.5
111	52.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 47.57 ng

RT: 7.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

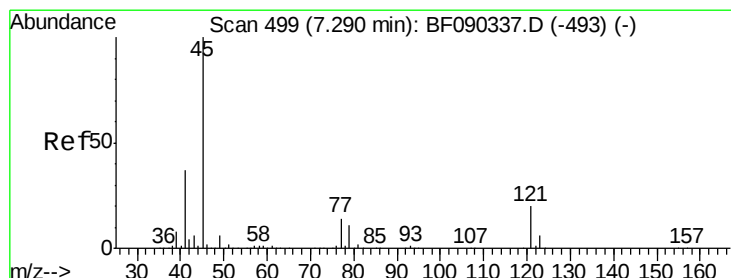
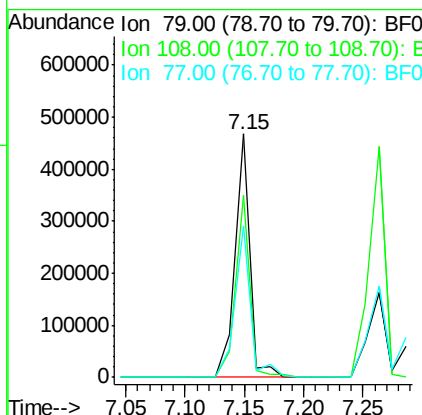
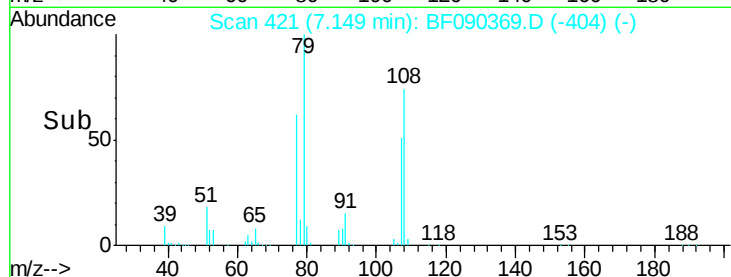
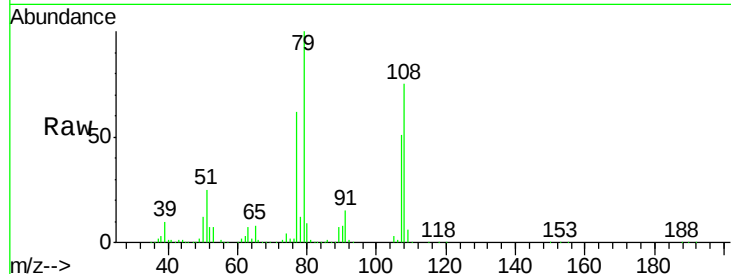
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	405674
Ion Ratio	Lower	Upper	
79	100		
108	74.9	60.9	91.3
77	62.5	51.5	77.3

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.48 ng

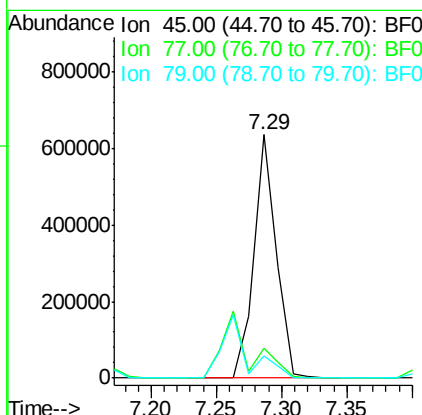
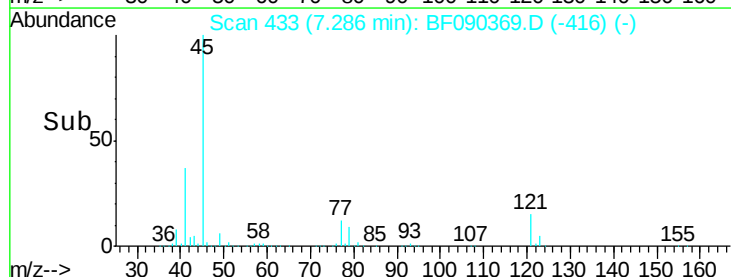
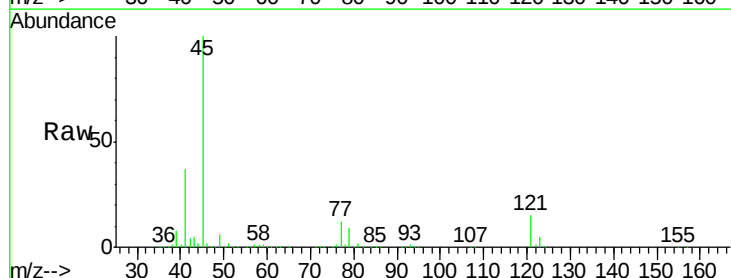
RT: 7.29 min Scan# 433

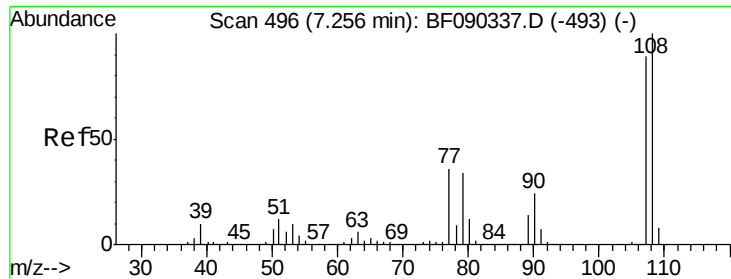
Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	45	Resp:	758274
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.8
79	9.3	0.0	28.2





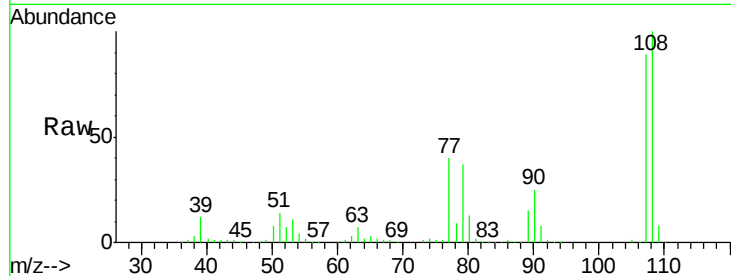
#17
2-Methylphenol
Concen: 43.05 ng
RT: 7.26 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

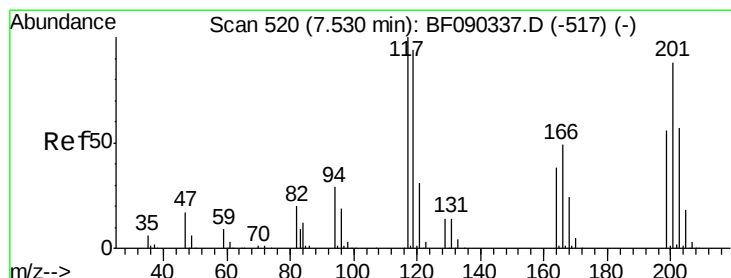
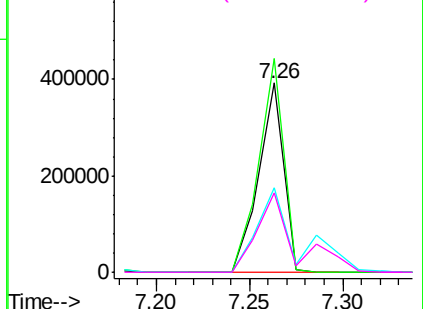
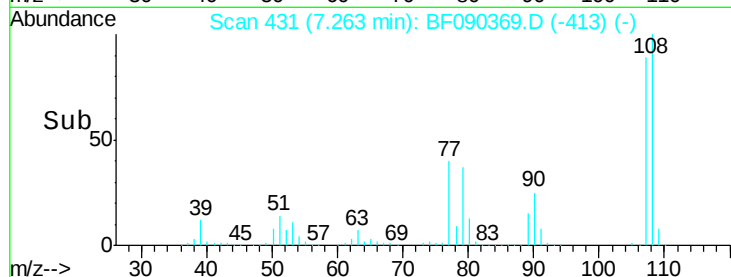
Tgt Ion:	107	Resp:	362646
Ion Ratio	Lower	Upper	
107	100		
108	112.8	90.9	136.3
77	44.6	38.2	57.4
79	41.6	37.0	55.4

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM

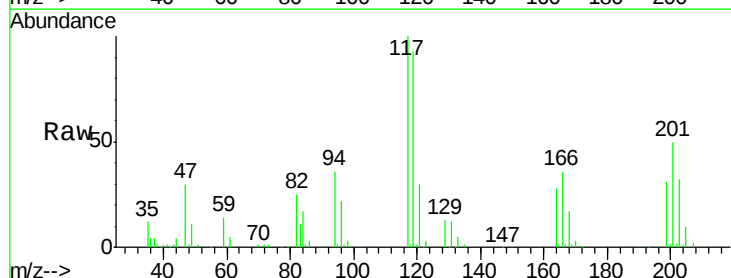


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

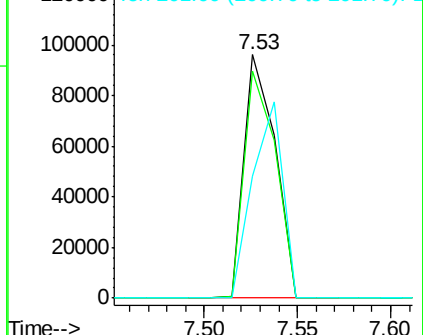
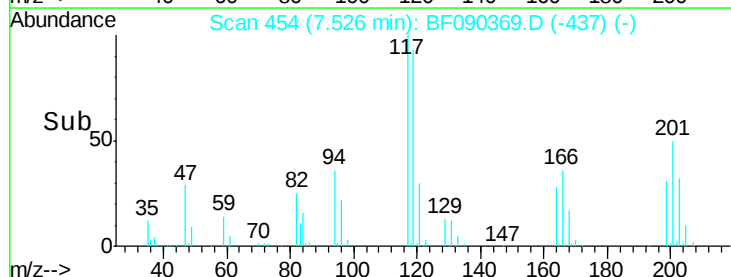


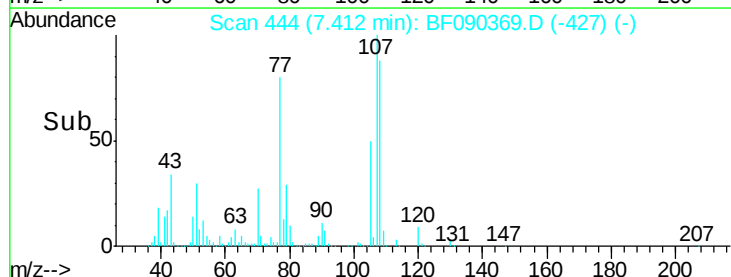
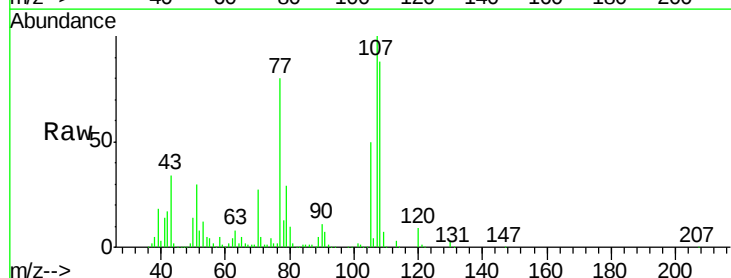
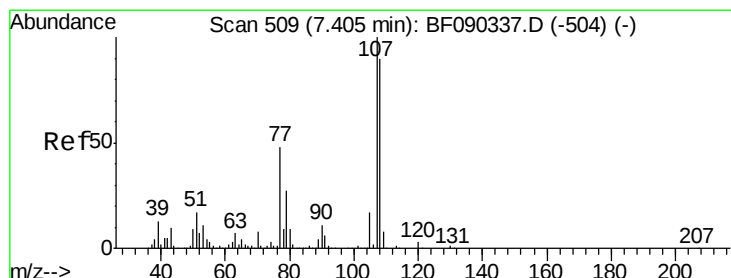
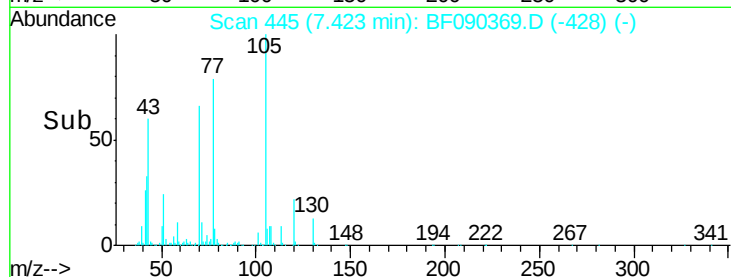
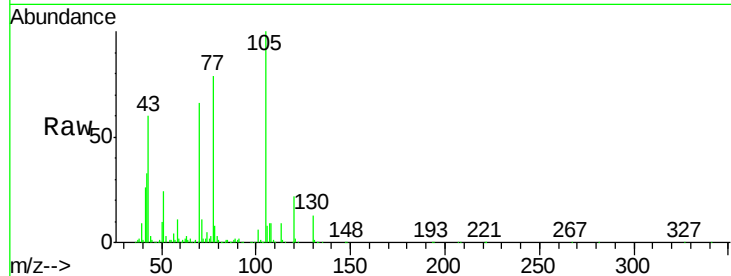
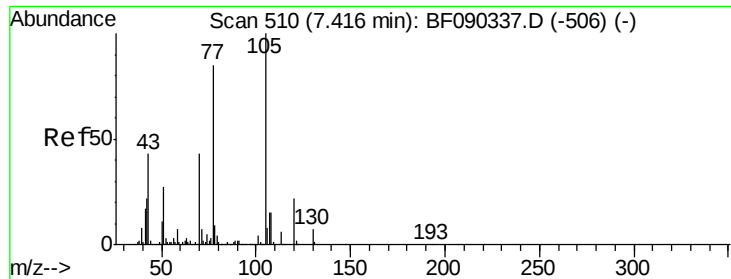
#18
Hexachloroethane
Concen: 26.74 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion:	117	Resp:	110964
Ion Ratio	Lower	Upper	
117	100		
119	93.3	75.9	113.9
201	50.1	66.5	99.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





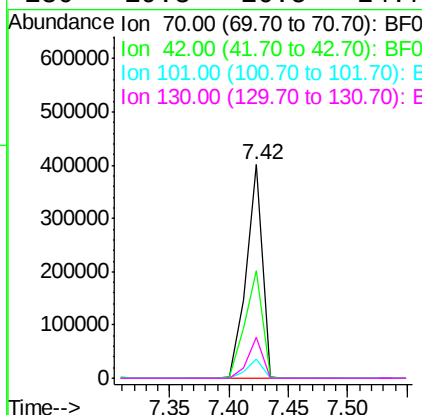
#19
n-Nitroso-di-n-propylamine
Concen: 49.27 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.2	55.4	83.2#
101	9.0	7.6	11.4
130	19.3	16.5	24.7

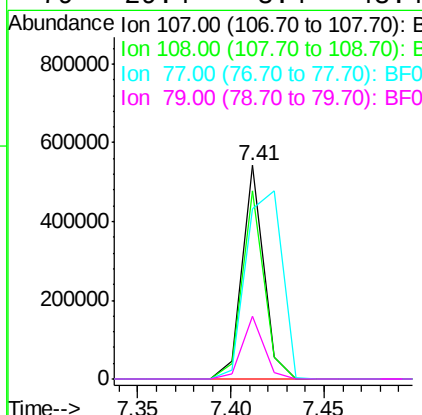
Manual Integrations
APPROVED

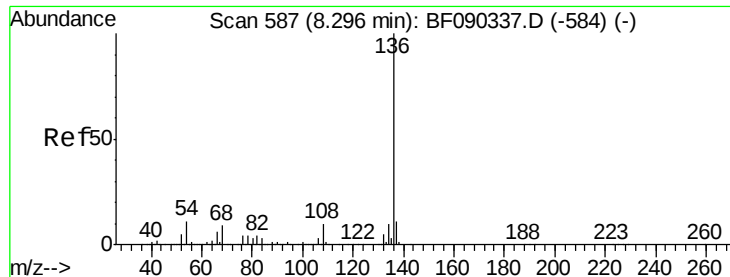
sohil
10/5/2016 7:27:09 PM



#20
3+4-Methylphenols
Concen: 41.44 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.7	106.7
77	79.9	53.7	93.7
79	29.4	8.4	48.4





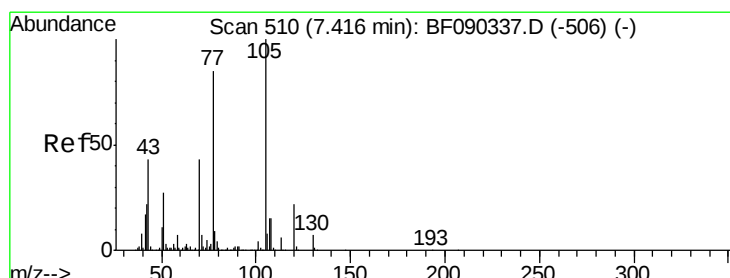
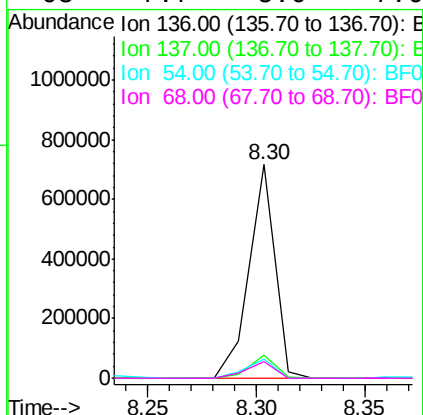
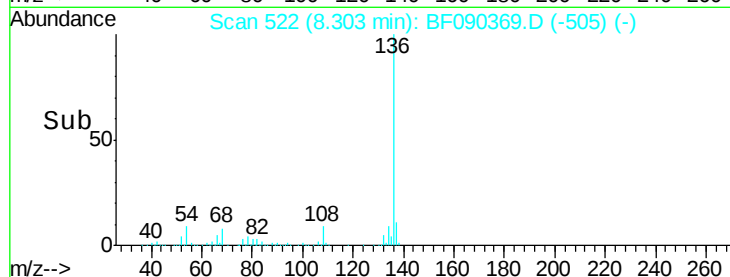
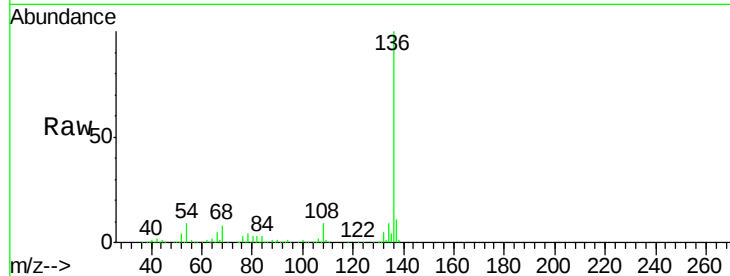
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.0	6.6	10.0
68	7.7	5.0	7.6#

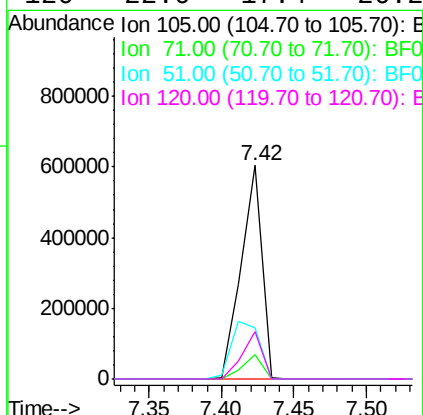
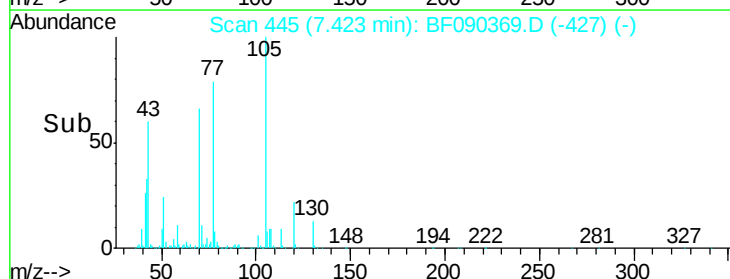
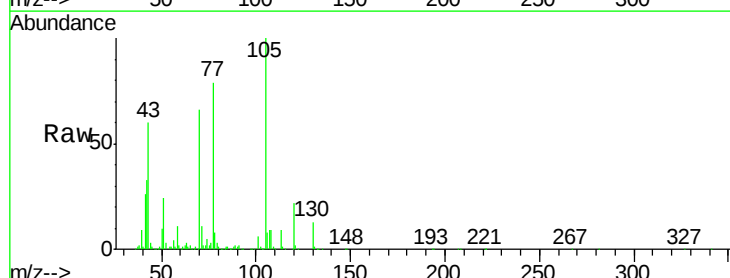
Manual Integrations
APPROVED

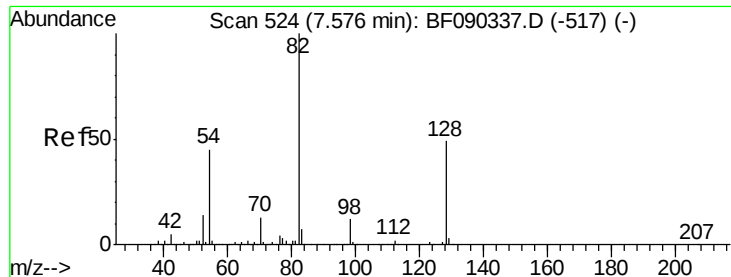
sohil
10/5/2016 7:27:09 PM



#22
Acetophenone
Concen: 44.31 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	11.1	3.8	5.6#
51	24.1	28.2	42.4#
120	22.0	17.4	26.2





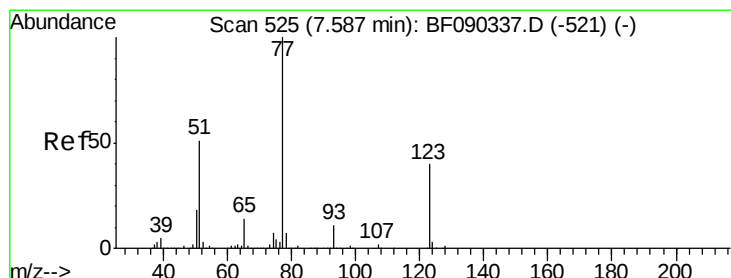
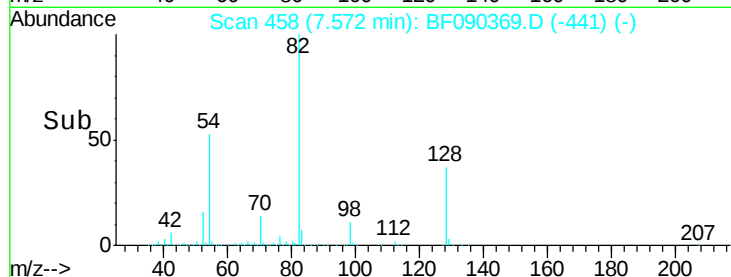
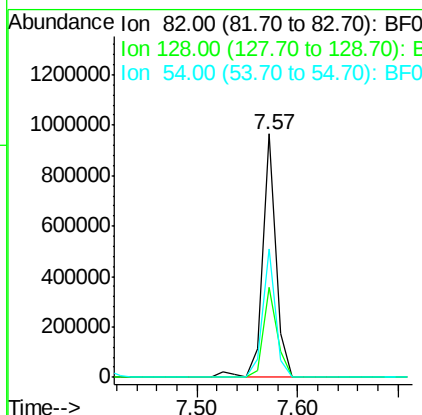
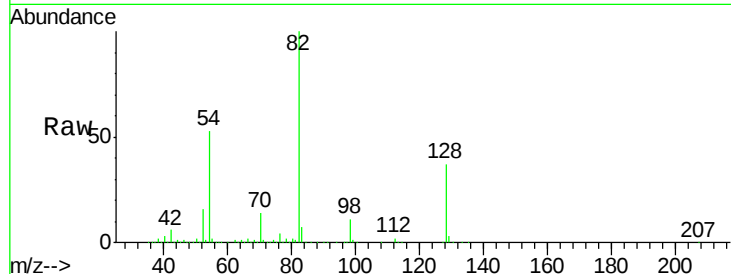
#23
 Nitrobenzene-d5
 Concen: 87.47 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	40.0	60.0#
54	53.0	42.6	64.0

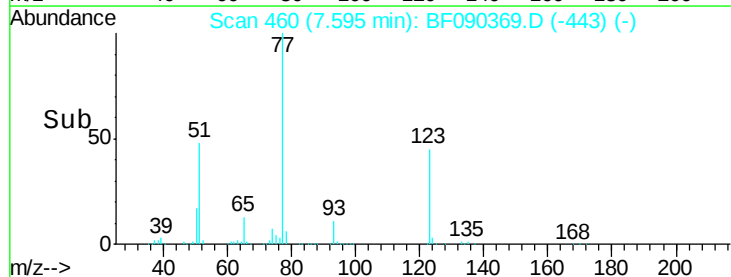
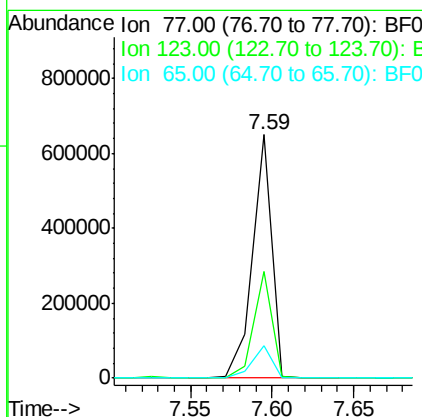
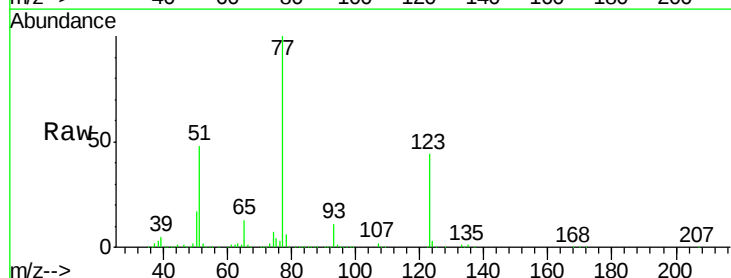
Manual Integrations
 APPROVED

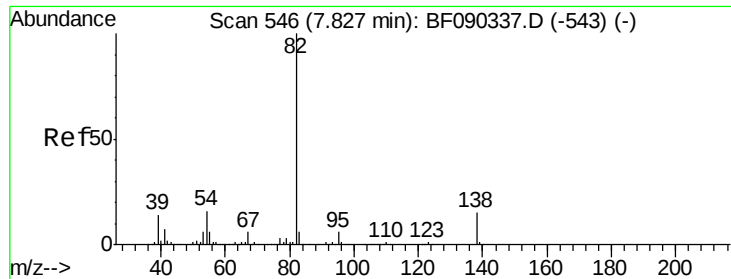
sohil
 10/5/2016 7:27:09 PM



#24
 Nitrobenzene
 Concen: 49.36 ng
 RT: 7.59 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	13.3	12.0	18.0





#25

Isophorone

Concen: 46.64 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

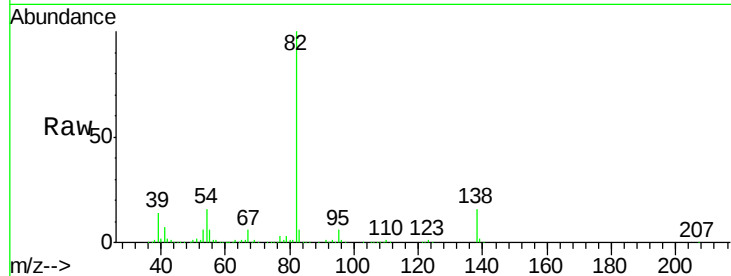
ClientSampleId :

SSTDCCC040EC

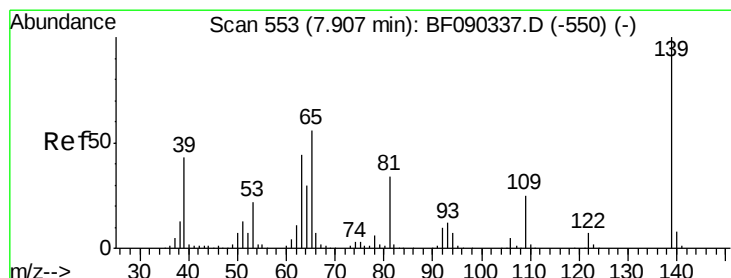
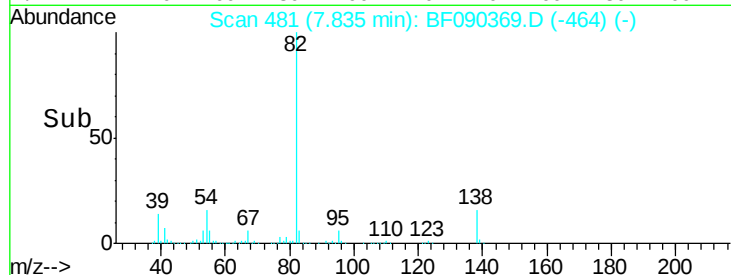
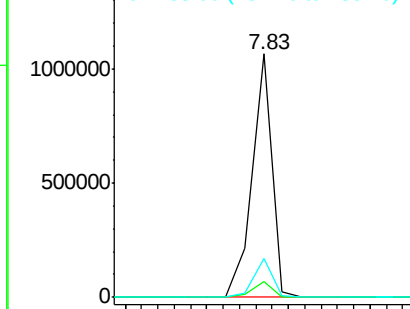
Tgt Ion:	82	Resp:	898189
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	16.0	13.0	19.4

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.57 ng

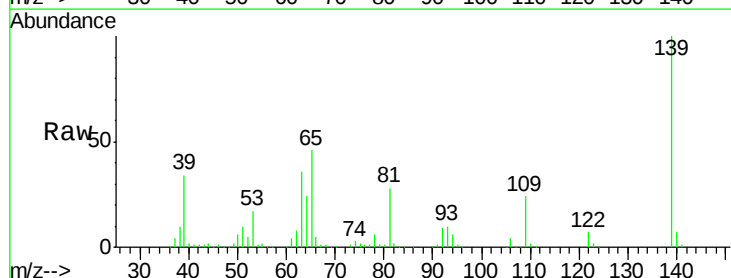
RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

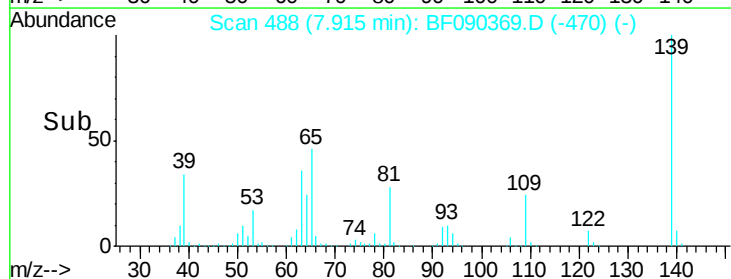
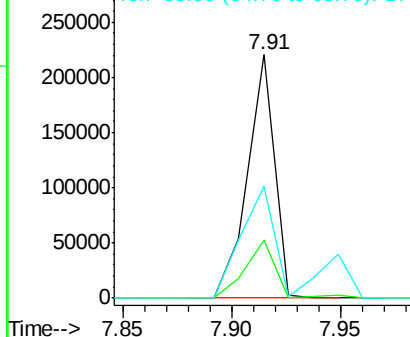
Lab File: BF090369.D

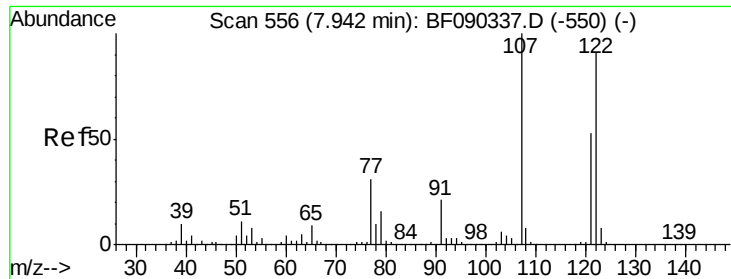
Acq: 5 Oct 2016 3:45

Tgt Ion:	139	Resp:	190020
Ion Ratio	Lower	Upper	
139	100		
109	23.9	18.9	28.3
65	45.9	31.6	47.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.55 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

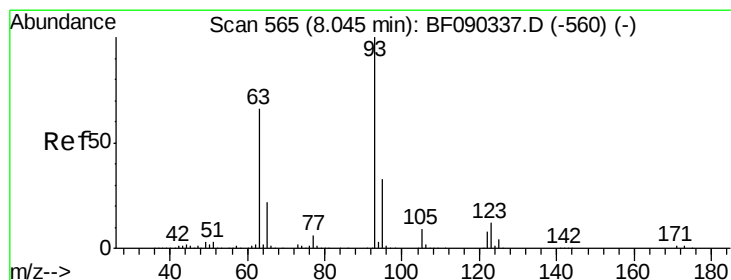
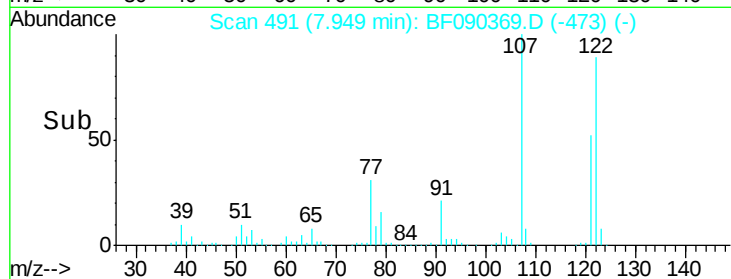
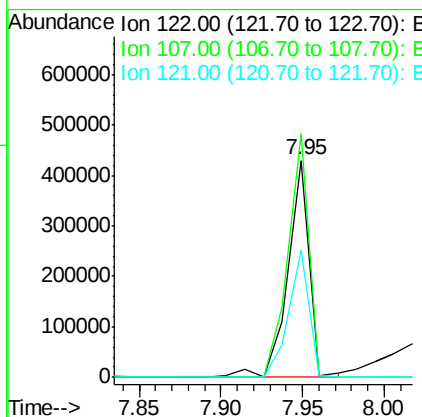
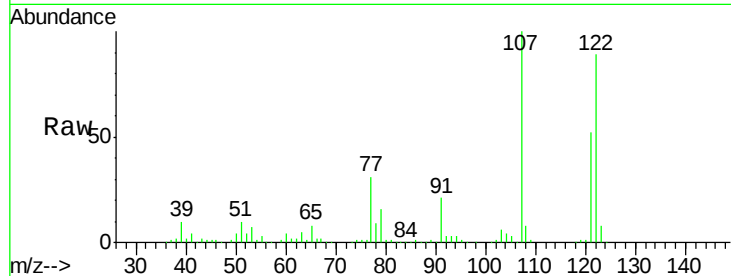
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	390944		
107	112.3	88.6	132.8	
121	58.5	47.5	71.3	

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.74 ng

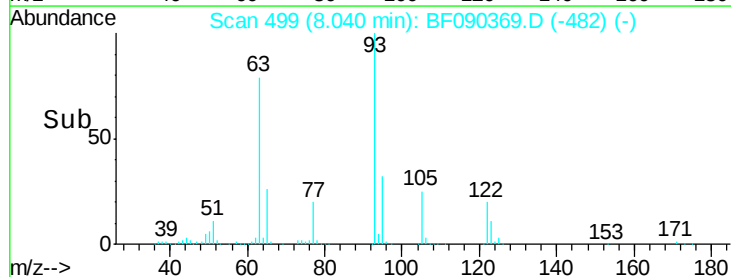
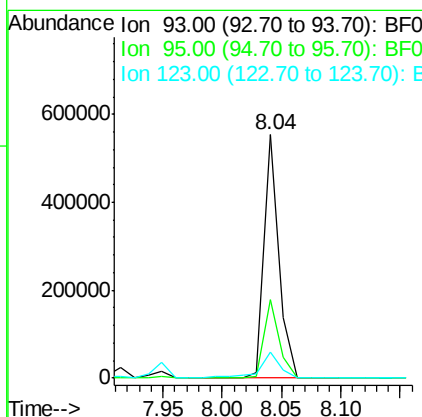
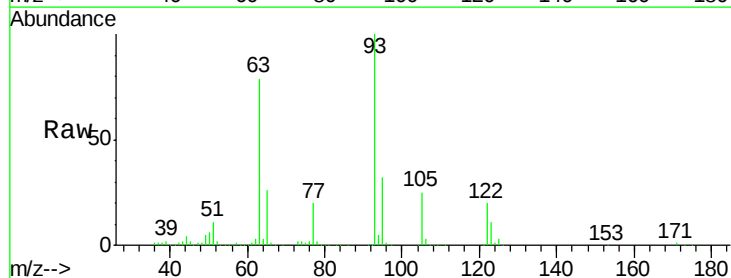
RT: 8.04 min Scan# 499

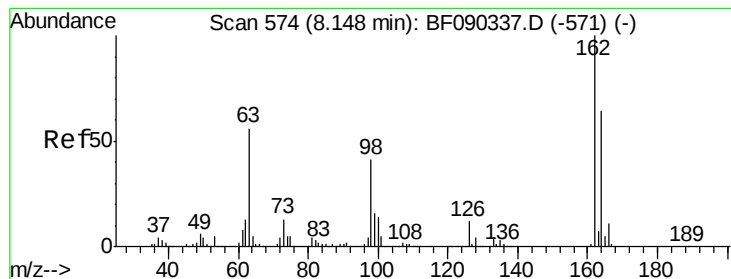
Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	487076		
95	32.4	27.0	40.4	
123	10.8	11.1	16.7	





#29

2,4-Dichlorophenol

Concen: 39.82 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

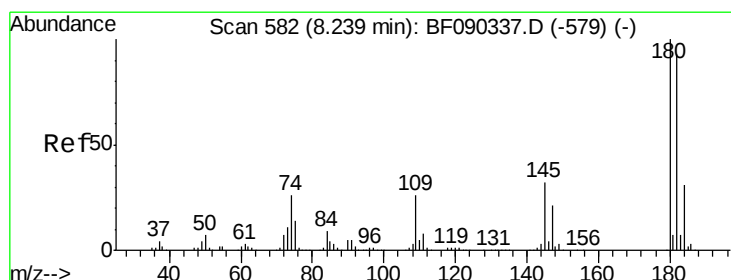
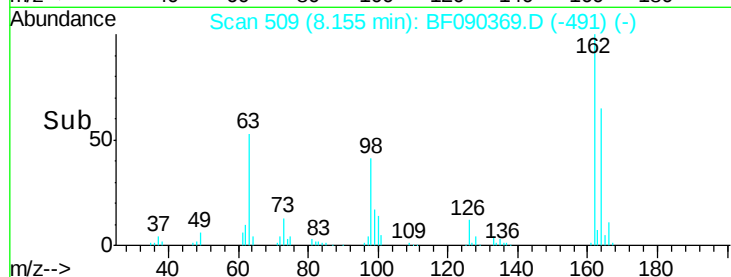
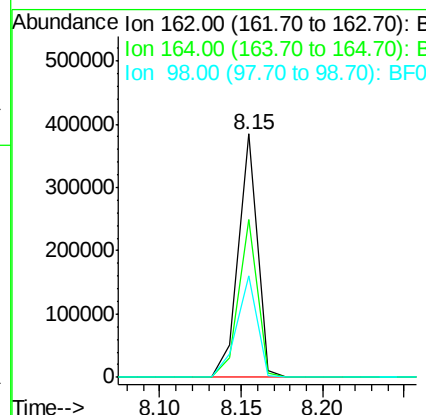
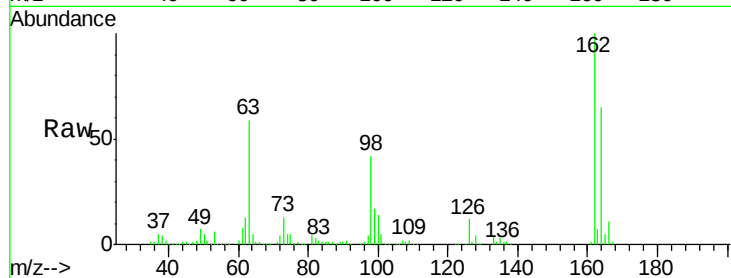
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	162	Resp:	306711
Ion Ratio		Lower	Upper
162	100		
164	65.1	45.7	85.7
98	41.5	13.3	53.3

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#30

1,2,4-Trichlorobenzene

Concen: 34.74 ng

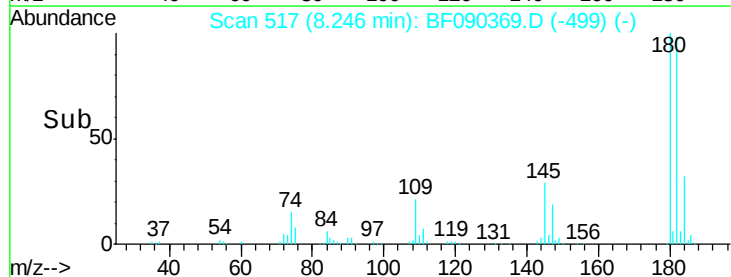
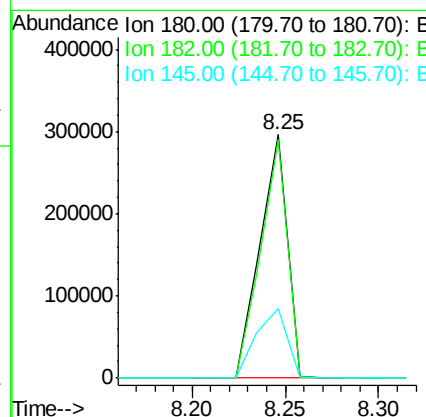
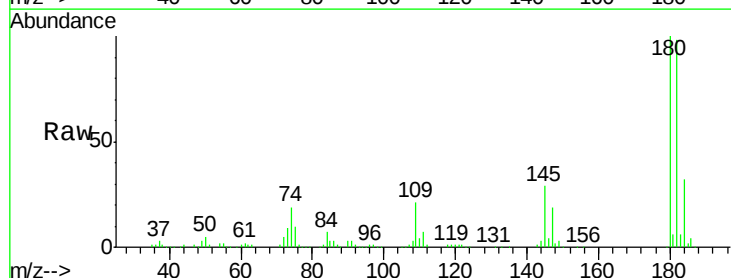
RT: 8.25 min Scan# 517

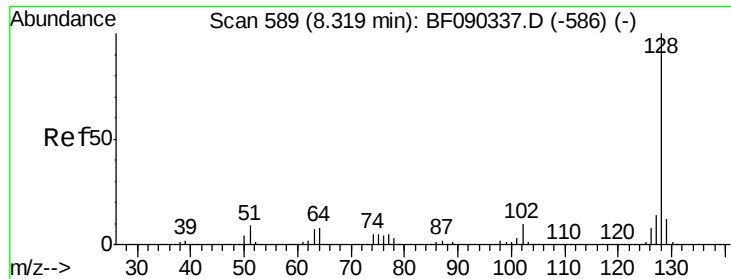
Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	180	Resp:	299721
Ion Ratio		Lower	Upper
180	100		
182	97.9	75.3	112.9
145	28.8	27.7	41.5





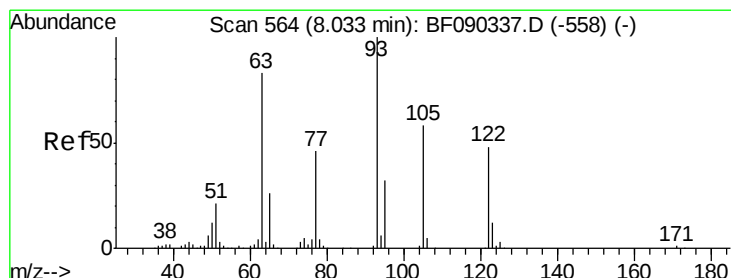
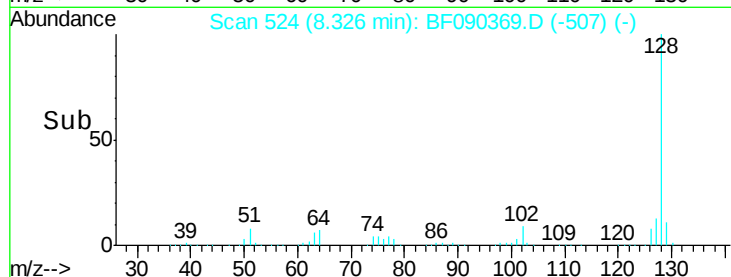
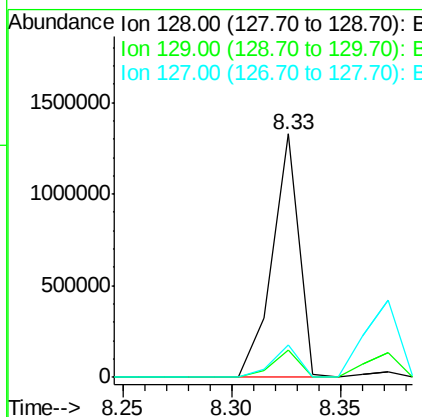
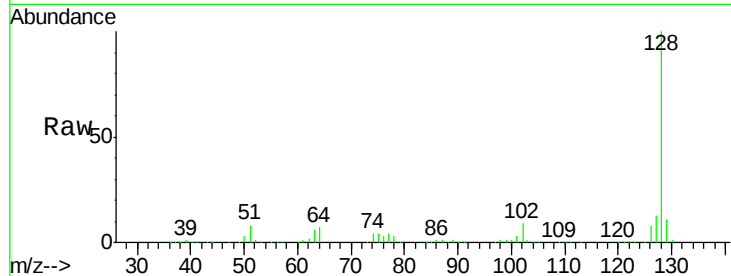
#31
Naphthalene
Concen: 40.50 ng
RT: 8.33 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1142173
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 13.4 11.7 17.5

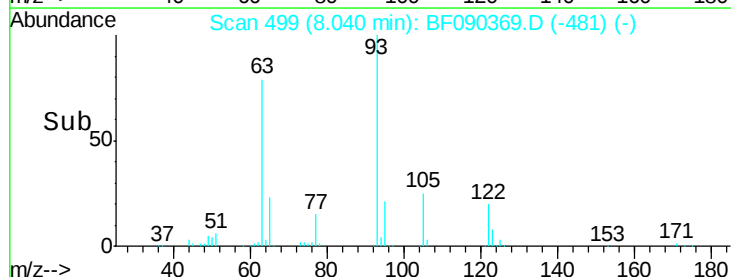
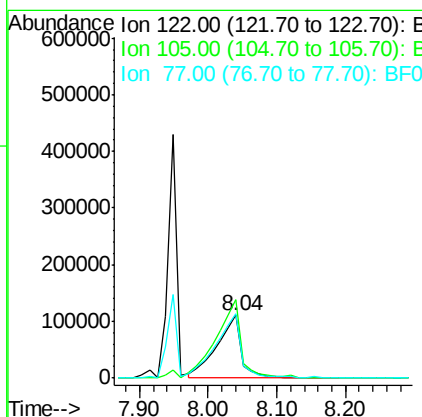
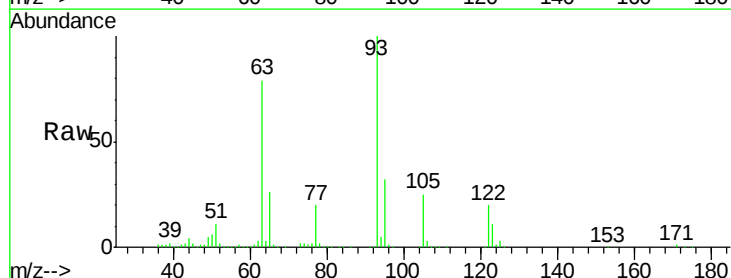
Manual Integrations
APPROVED

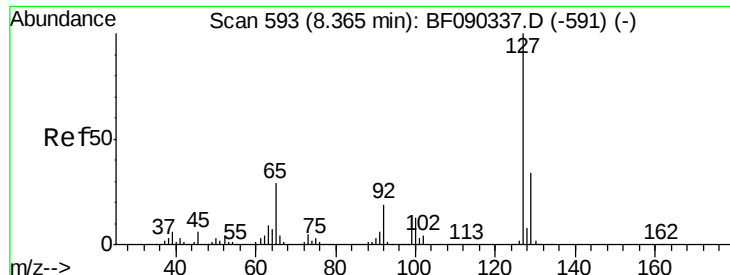
sohil
10/5/2016 7:27:09 PM



#32
Benzoic acid
Concen: 45.89 ng
RT: 8.04 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion:122 Resp: 275995
Ion Ratio Lower Upper
122 100
105 123.9 103.9 143.9
77 101.8 74.6 114.6





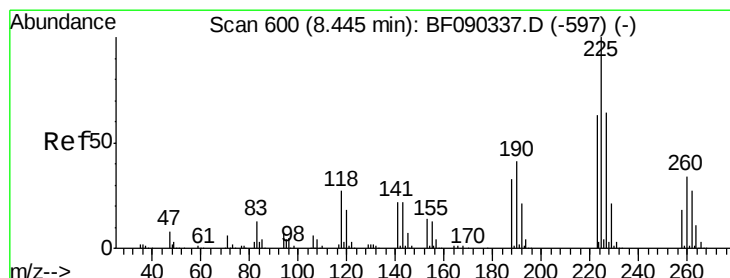
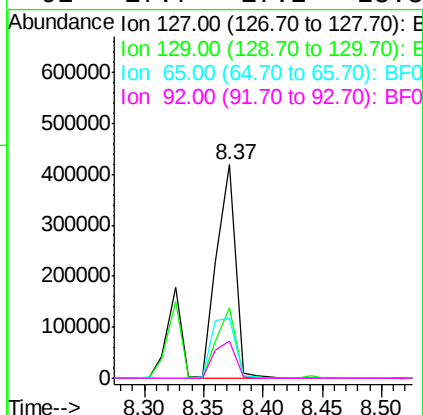
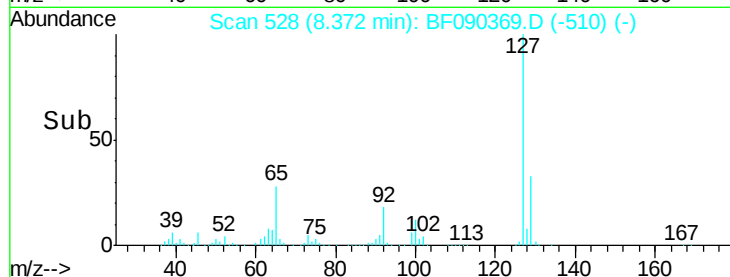
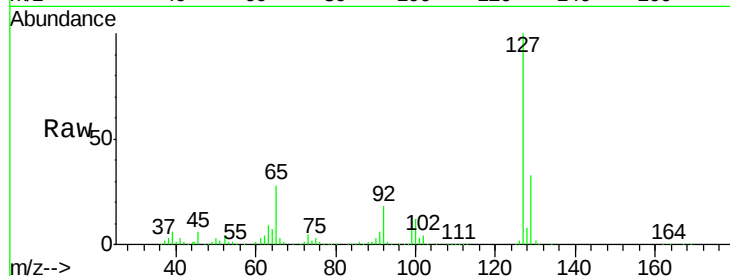
#33
4-Chloroaniline
Concen: 40.58 ng
RT: 8.37 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	28.0	32.5	48.7
92	17.7	17.2	25.8

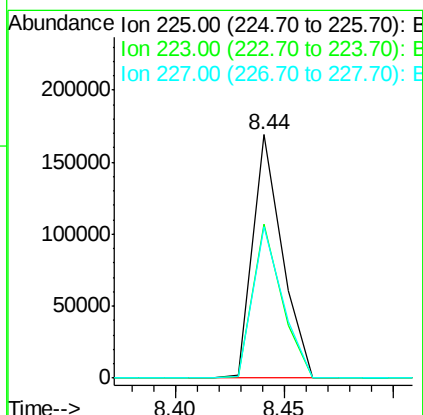
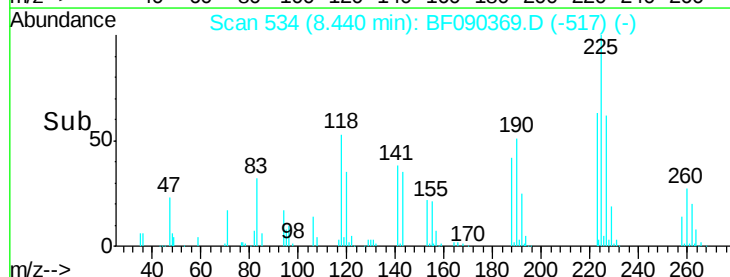
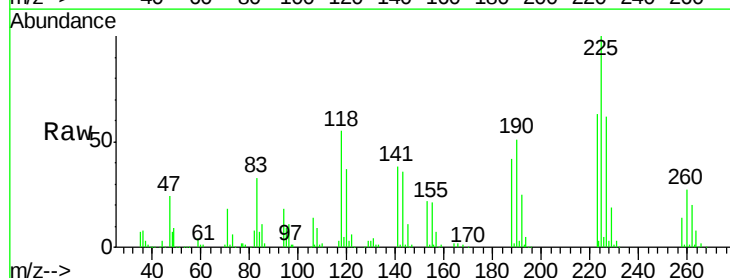
Manual Integrations
APPROVED

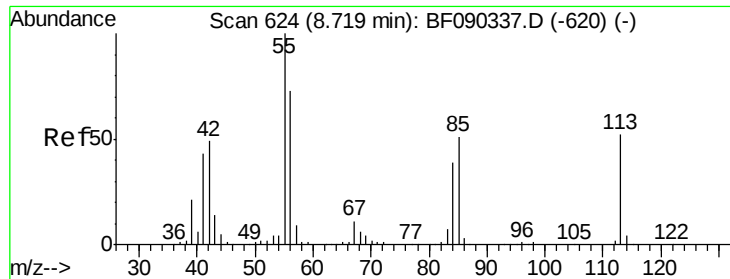
sohil
10/5/2016 7:27:09 PM



#34
Hexachlorobutadiene
Concen: 31.32 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.4
227	62.0	50.8	76.2





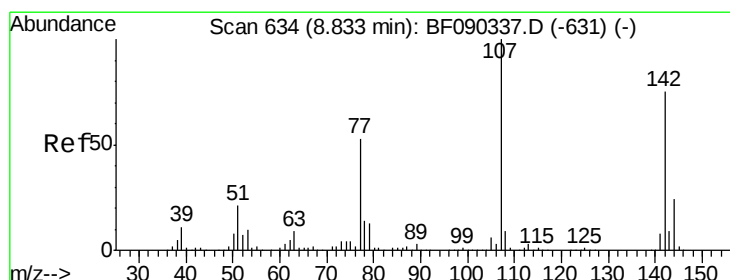
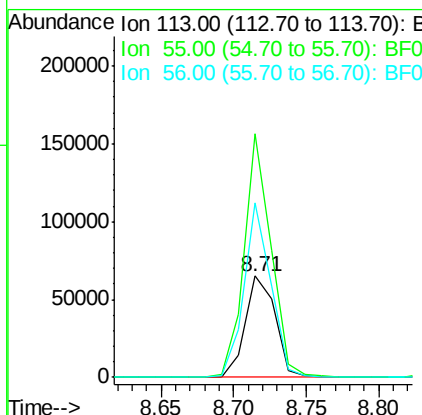
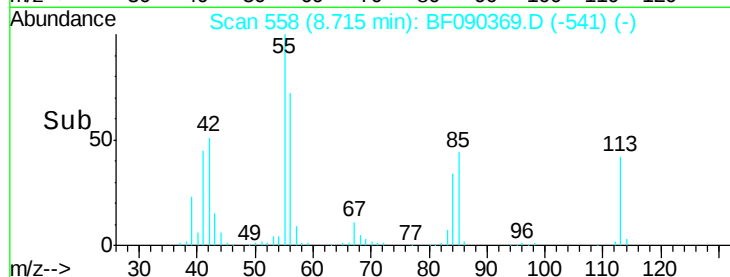
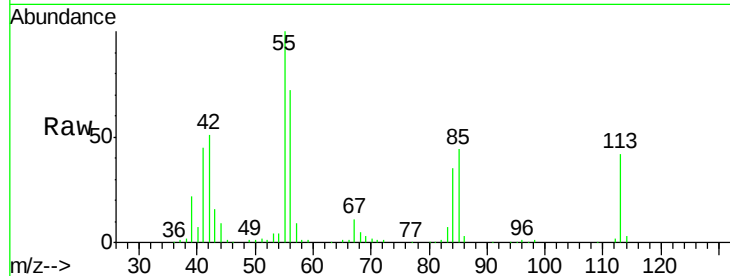
#35
 Caprolactam
 Concen: 46.00 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 92662
 Ion Ratio Lower Upper
 113 100
 55 240.7 203.3 243.3
 56 172.9 140.5 180.5

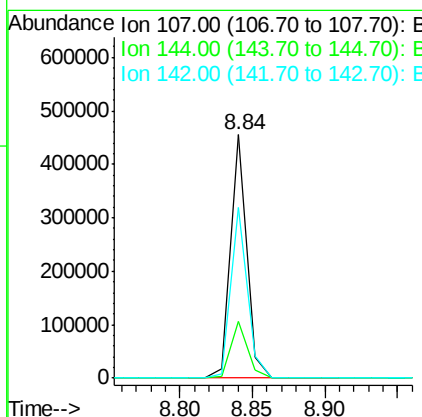
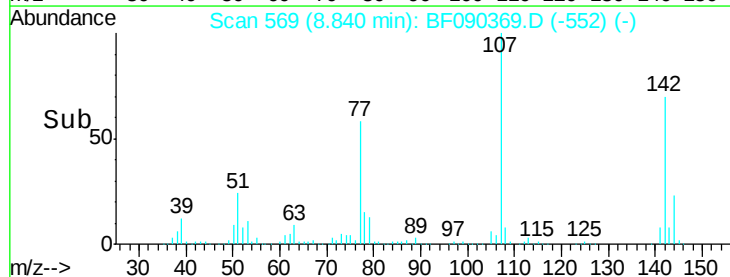
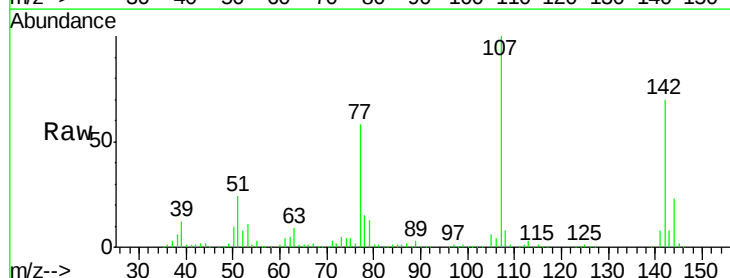
Manual Integrations
 APPROVED

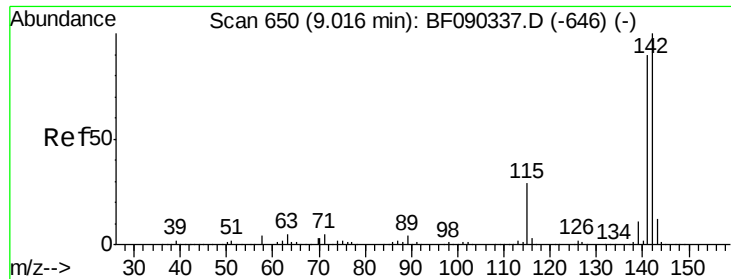
sohil
 10/5/2016 7:27:09 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.51 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion:107 Resp: 351609
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.8 29.8
 142 70.2 60.7 91.1





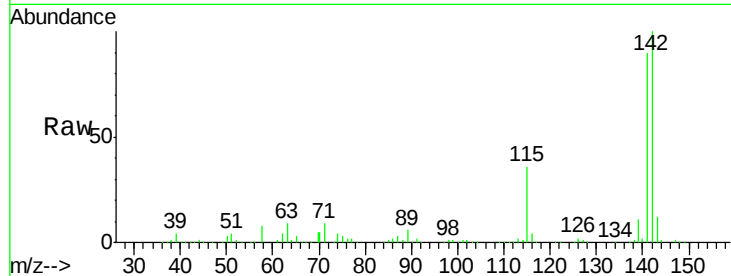
#37
2-Methylnaphthalene
Concen: 35.95 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

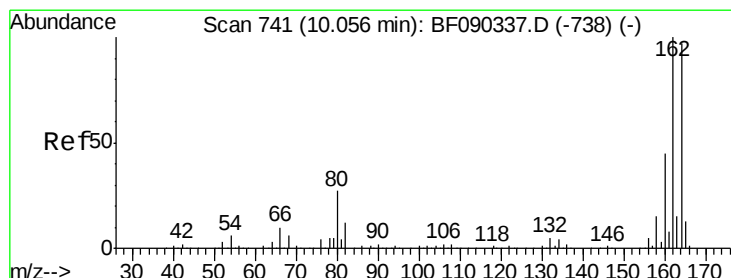
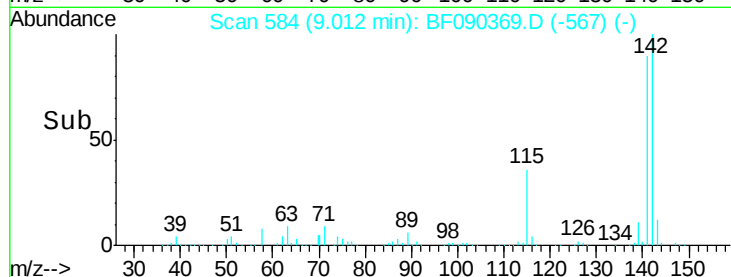
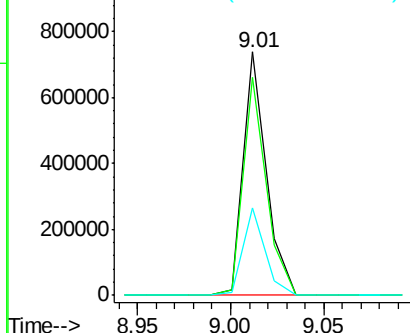
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.8
115	35.7	28.8	43.2

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



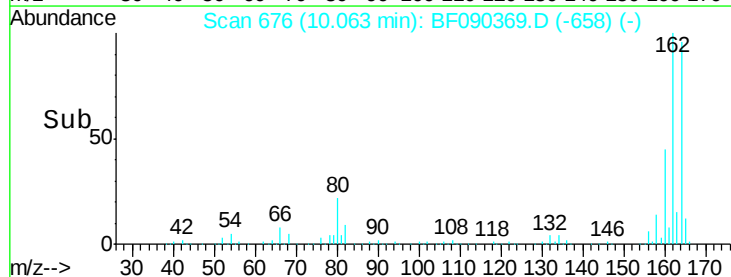
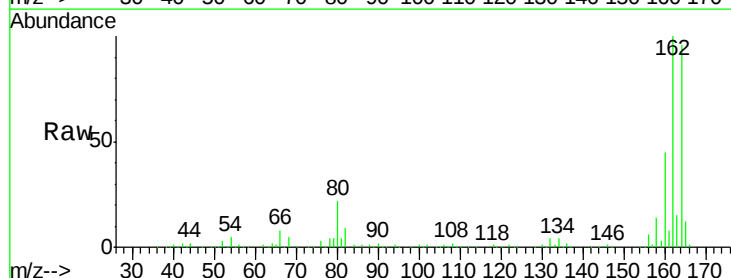
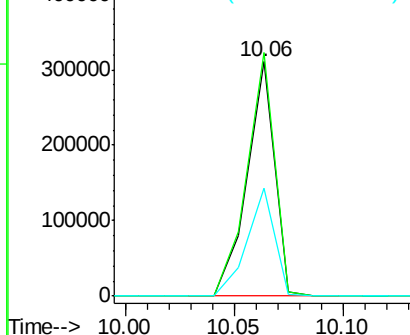
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

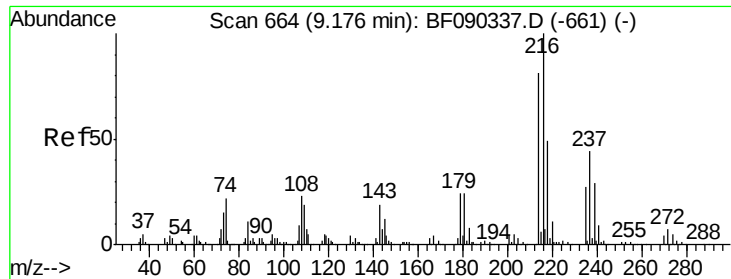


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.1	120.1
160	46.3	36.3	54.5

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.92 ng

RT: 9.18 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

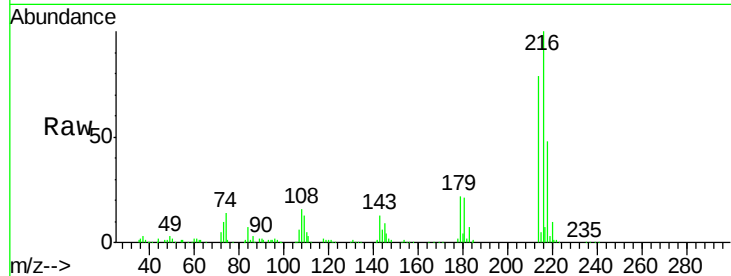
ClientSampleId :

SSTDCCC040EC

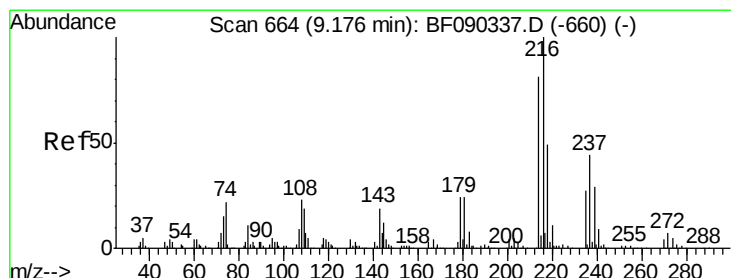
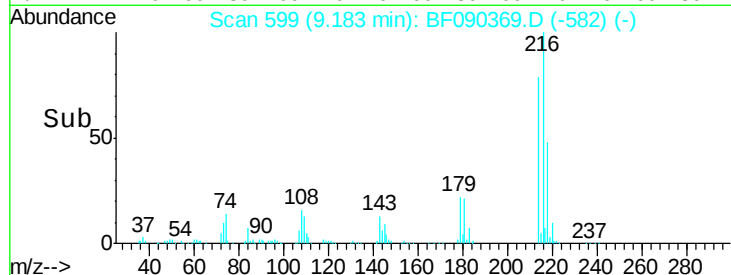
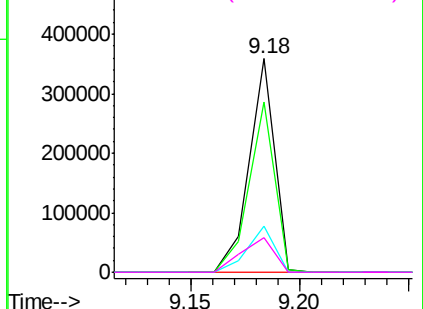
Tgt Ion:	216	Resp:	291668
Ion Ratio		Lower	Upper
216	100		
214	80.0	64.2	96.2
179	23.0	18.0	27.0
108	20.6	15.2	22.8

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.18 ng

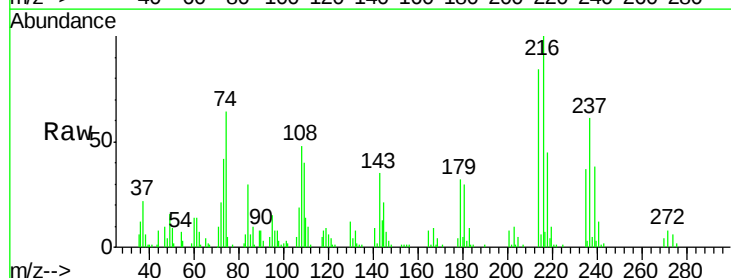
RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

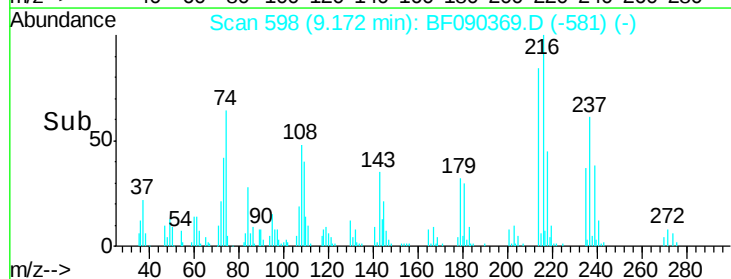
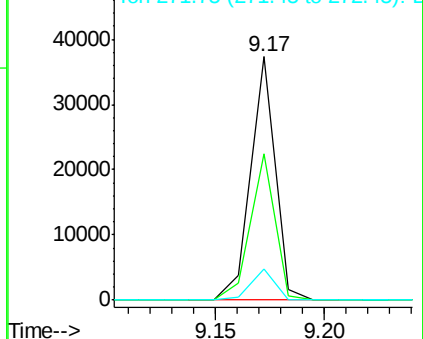
Lab File: BF090369.D

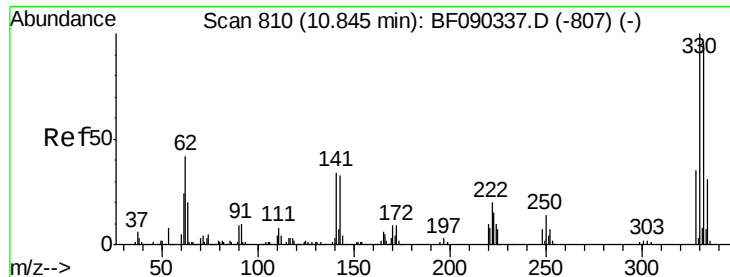
Acq: 5 Oct 2016 3:45

Tgt Ion:	237	Resp:	29295
Ion Ratio		Lower	Upper
237	100		
235	60.4	43.6	83.6
272	12.8	0.0	32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





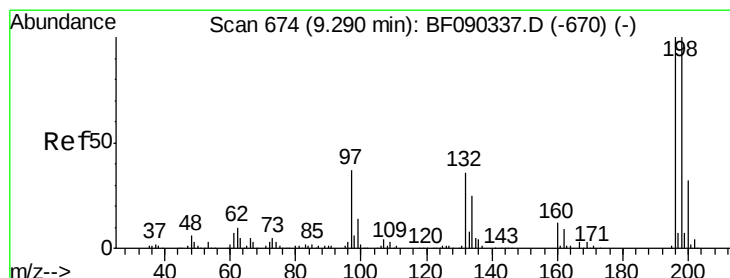
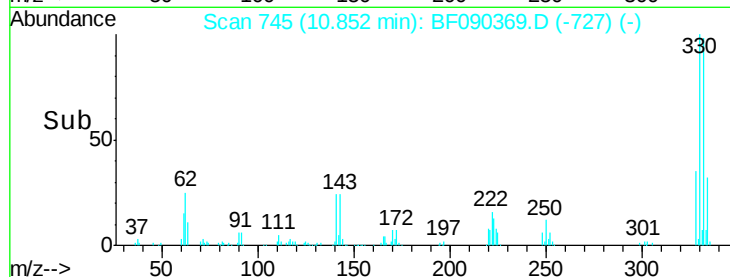
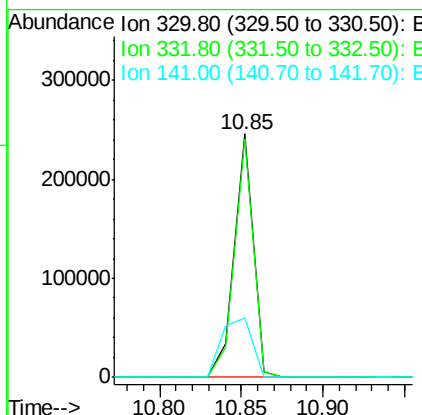
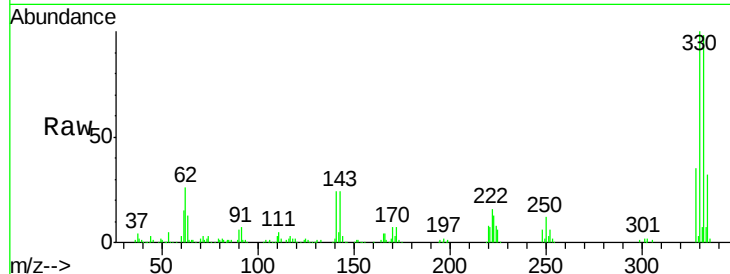
#41
 2,4,6-Tribromophenol
 Concen: 82.76 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	195847		
332	97.3	75.4	113.0	
141	39.6	26.9	40.3	

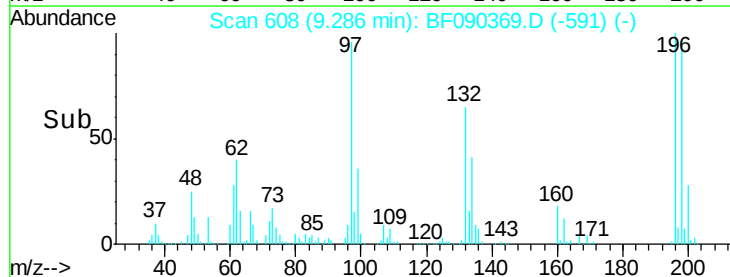
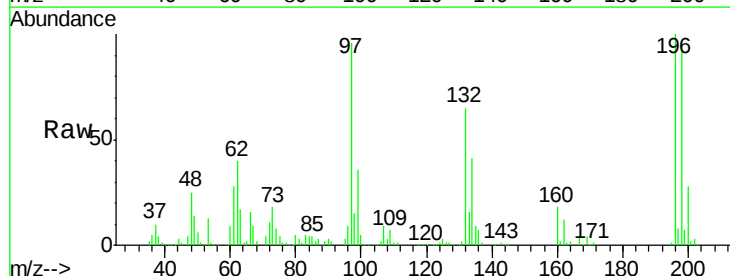
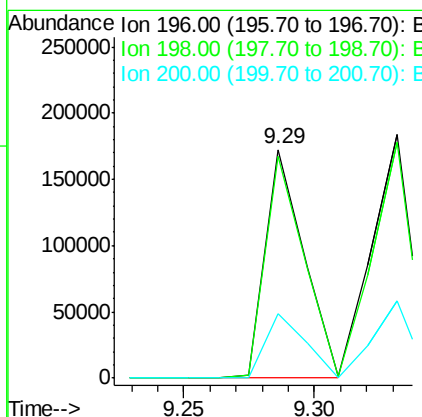
Manual Integrations
 APPROVED

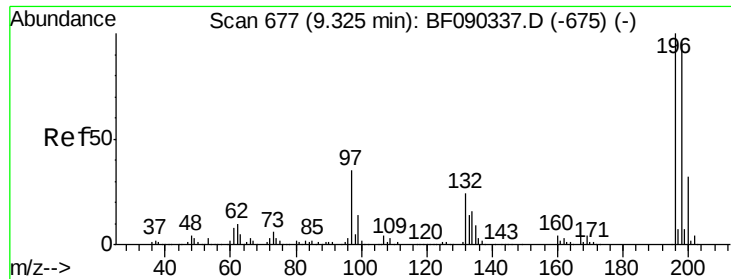
sohil
 10/5/2016 7:27:09 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.67 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177423		
198	97.0	78.9	118.3	
200	28.3	25.4	38.2	





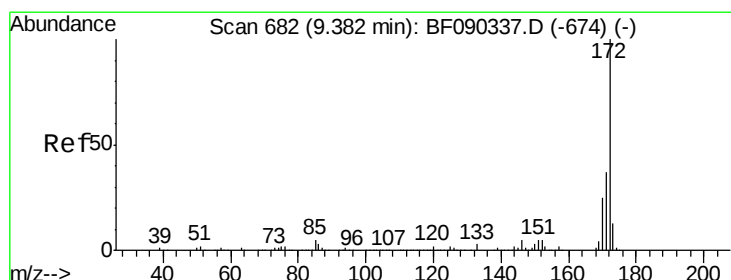
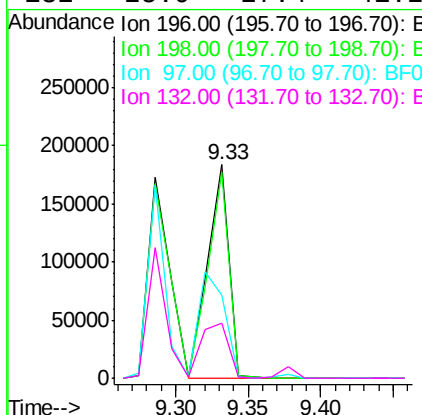
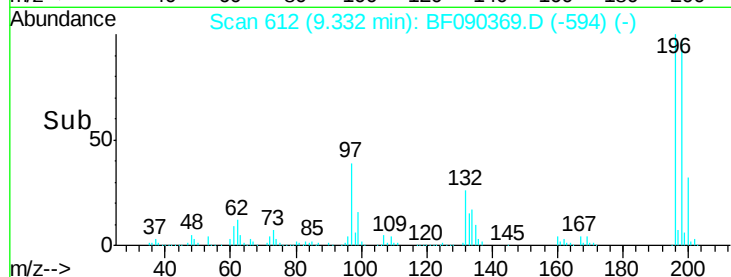
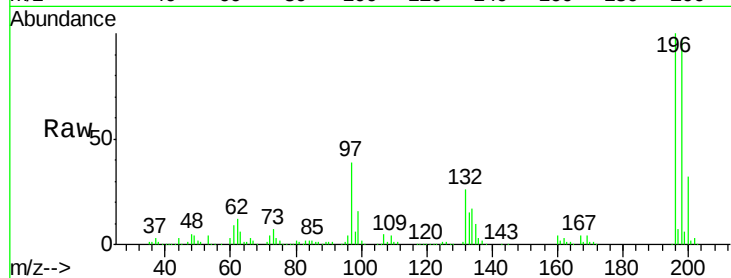
#43
 2,4,5-Trichlorophenol
 Concen: 38.60 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	196	Resp:	187885
Ion Ratio	Lower	Upper	
196	100		
198	96.7	78.1	117.1
97	38.9	48.1	72.1#
132	25.9	27.4	41.2#

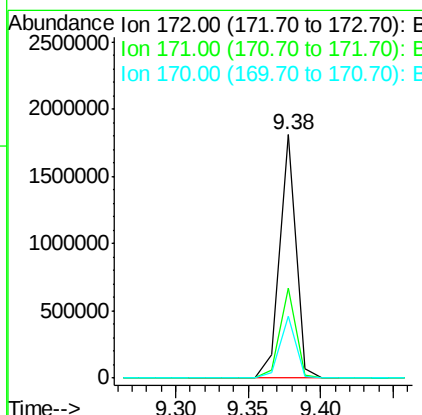
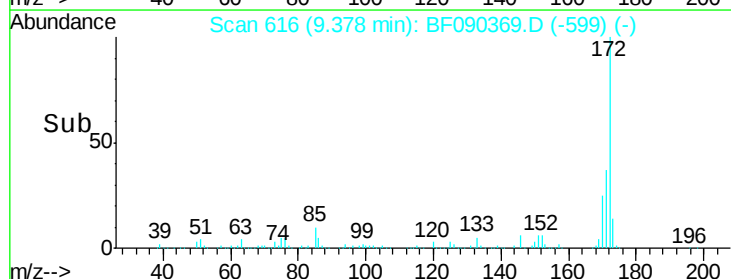
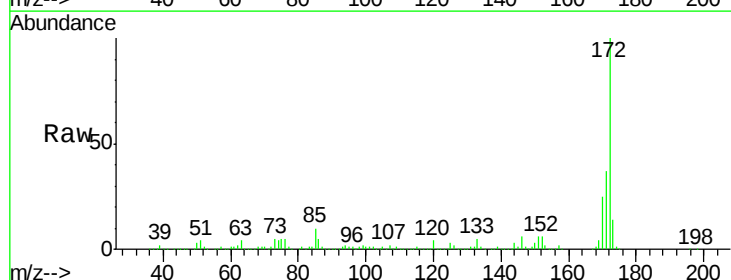
Manual Integrations
 APPROVED

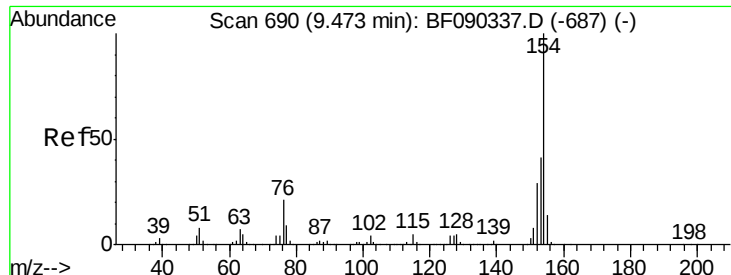
sohil
 10/5/2016 7:27:09 PM



#44
 2-Fluorobiphenyl
 Concen: 84.11 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion:	172	Resp:	1405646
Ion Ratio	Lower	Upper	
172	100		
171	36.9	31.8	47.8
170	25.2	21.7	32.5





#45

1,1'-Biphenyl

Concen: 43.60 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

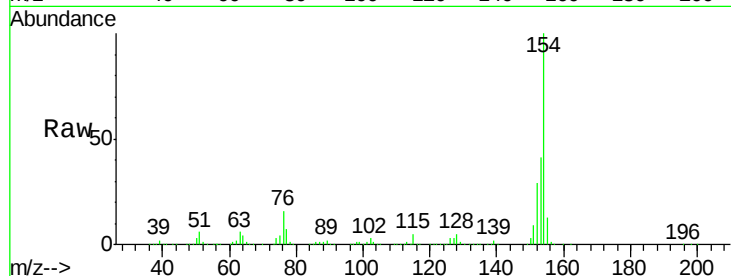
ClientSampleId :

SSTDCCC040EC

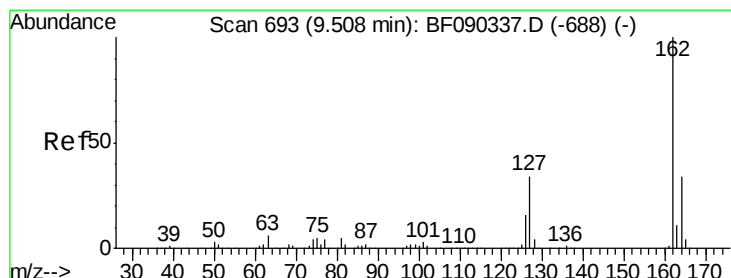
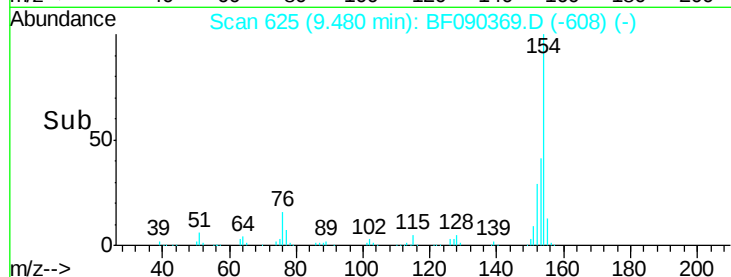
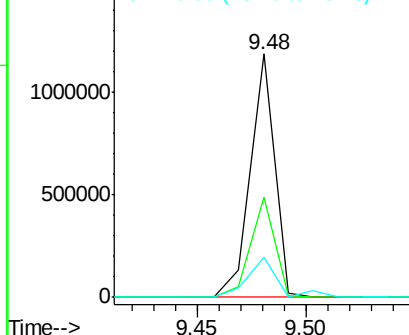
Tgt Ion:	154	Resp:	919757
Ion Ratio	Lower	Upper	
154	100		
153	41.3	23.8	63.8
76	16.4	0.0	35.8

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



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



#46

2-Chloronaphthalene

Concen: 38.68 ng

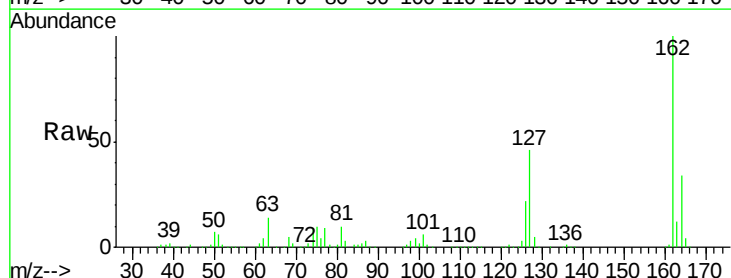
RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

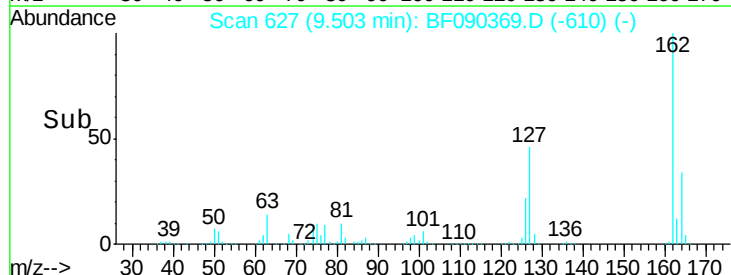
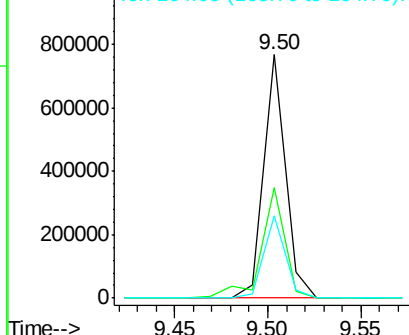
Lab File: BF090369.D

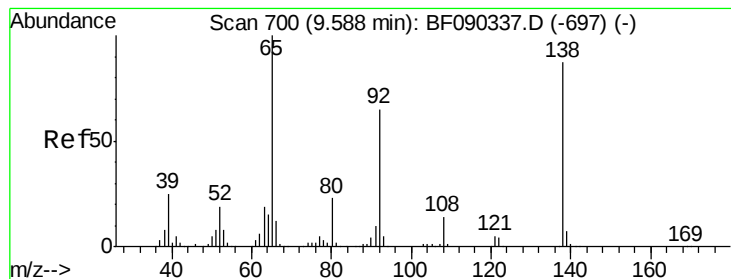
Acq: 5 Oct 2016 3:45

Tgt Ion:	162	Resp:	612417
Ion Ratio	Lower	Upper	
162	100		
127	45.5	35.6	53.4
164	33.6	27.5	41.3



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





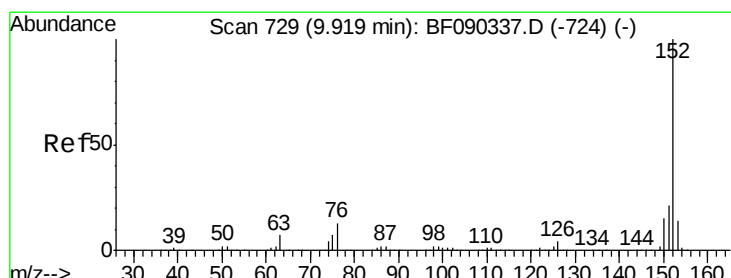
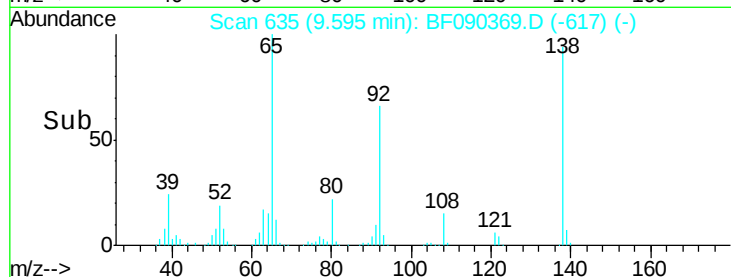
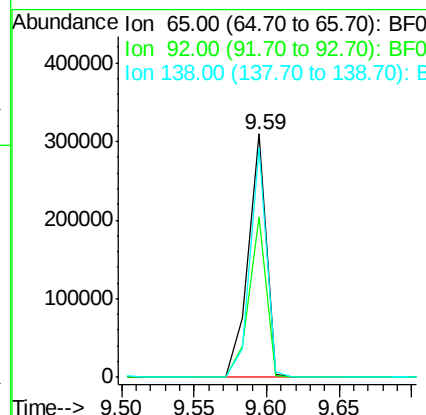
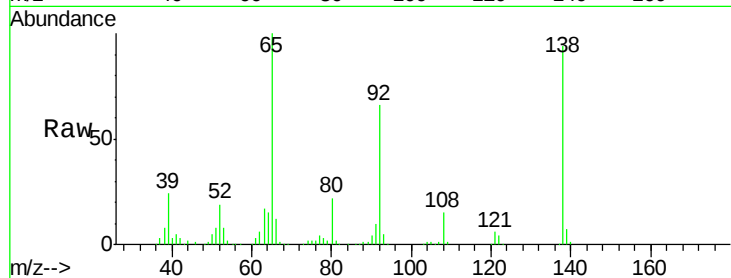
#47
 2-Nitroaniline
 Concen: 61.81 ng
 RT: 9.59 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	65	Resp:	267138
Ion Ratio		Lower	Upper
65	100		
92	66.1	51.7	77.5
138	94.5	79.0	118.4

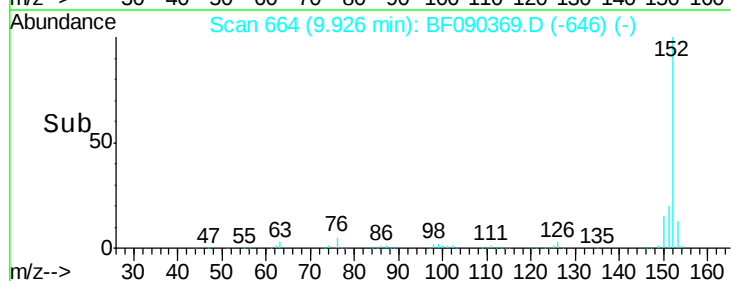
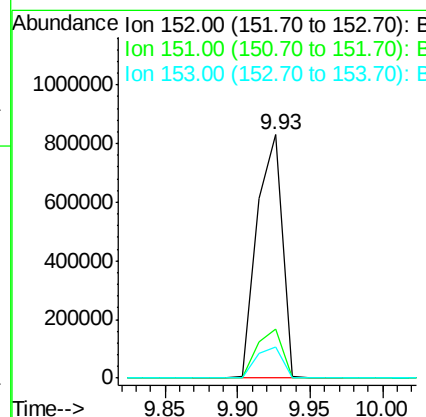
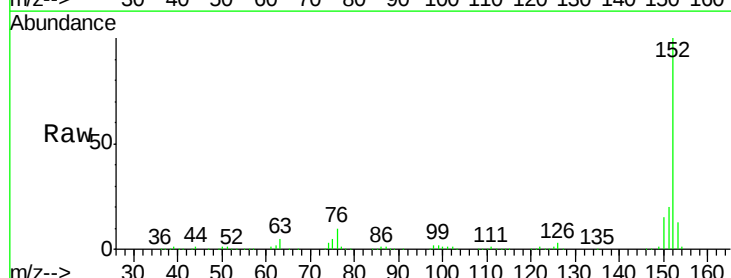
Manual Integrations
 APPROVED

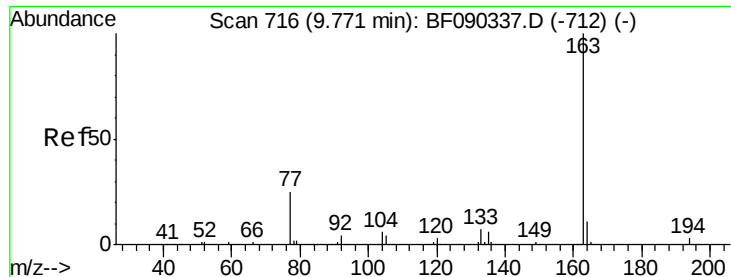
sohil
 10/5/2016 7:27:09 PM



#48
 Acenaphthylene
 Concen: 41.62 ng
 RT: 9.93 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion:	152	Resp:	996961
Ion Ratio		Lower	Upper
152	100		
151	20.1	17.4	26.0
153	12.9	11.6	17.4





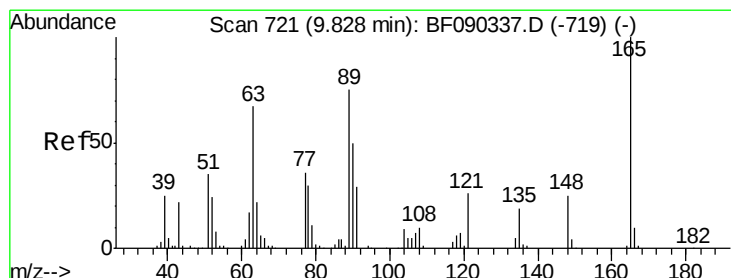
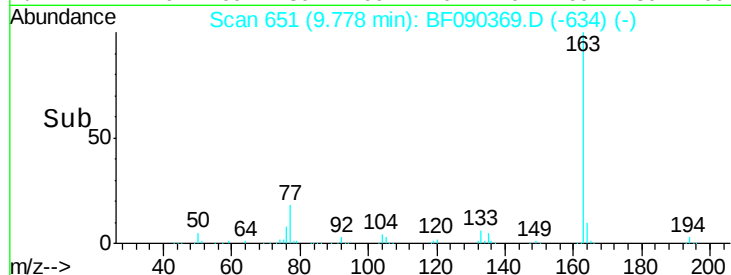
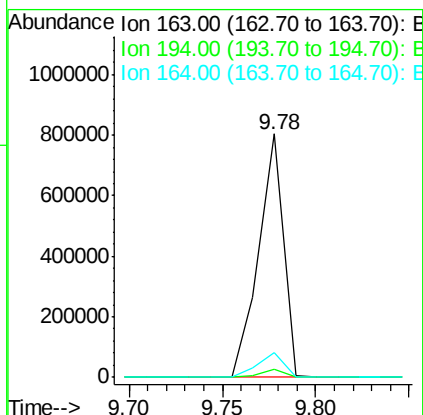
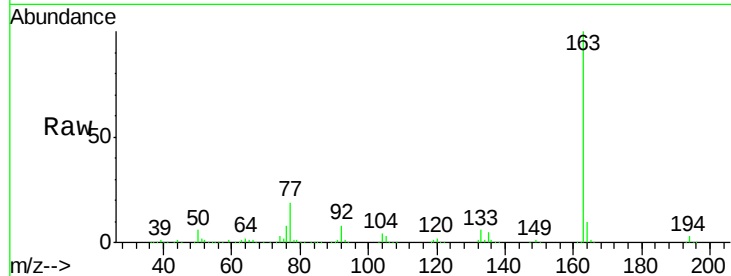
#49
Dimethylphthalate
Concen: 45.73 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.8	4.2
164	10.0	9.0	13.4

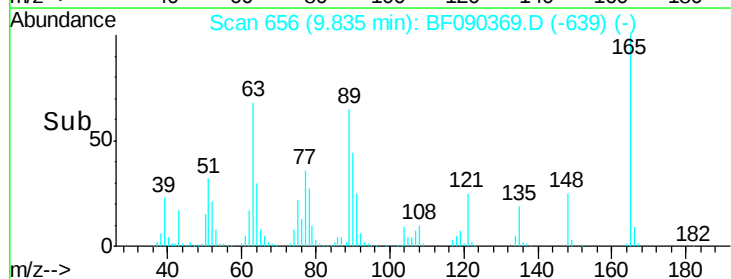
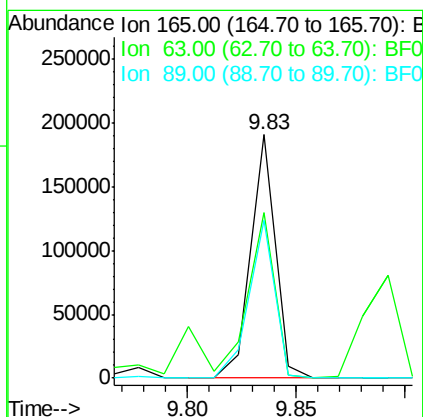
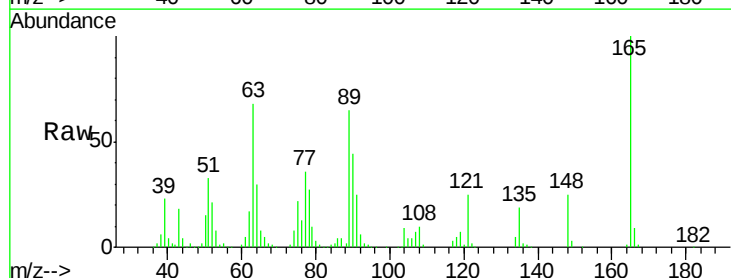
Manual Integrations
APPROVED

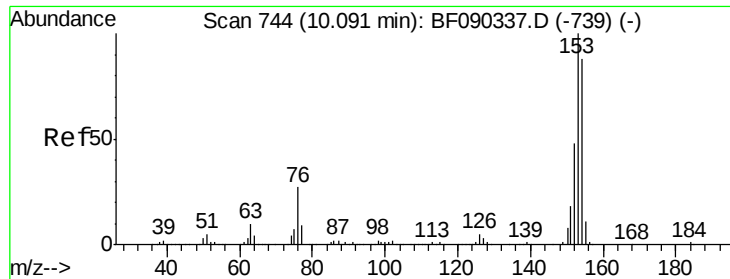
sohil
10/5/2016 7:27:09 PM



#50
2,6-Dinitrotoluene
Concen: 42.40 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.0	58.0	87.0
89	64.6	51.2	76.8





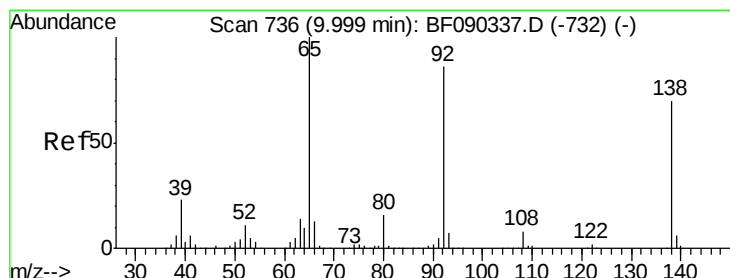
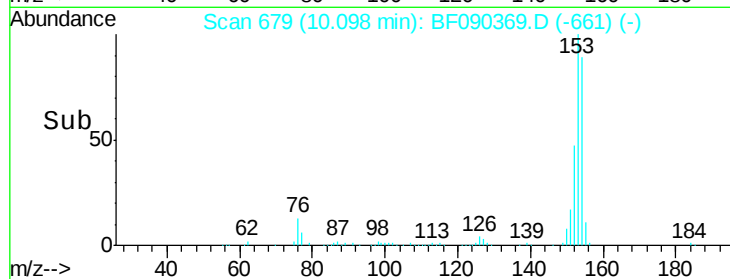
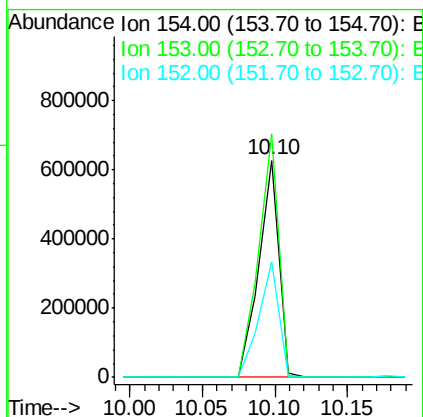
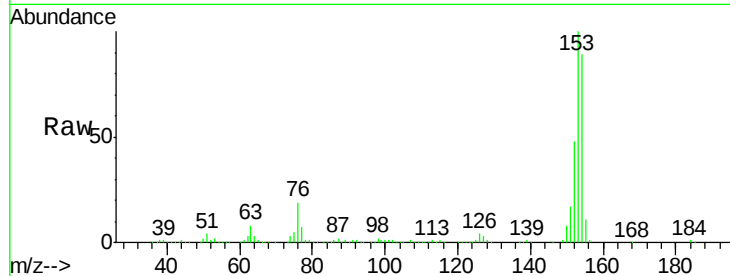
#51
Acenaphthene
Concen: 41.23 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	600904		
153	112.3	88.6	133.0	
152	53.6	42.6	64.0	

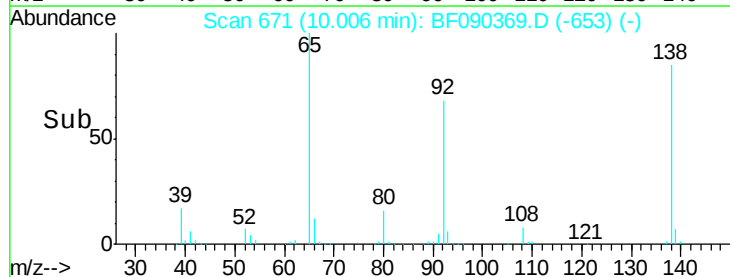
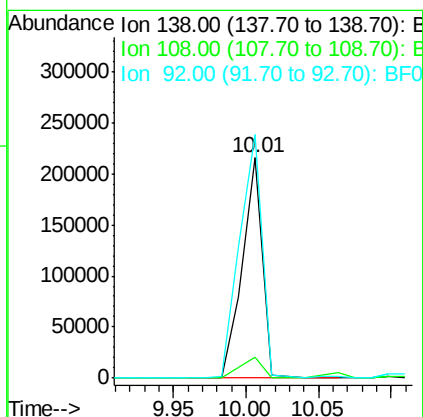
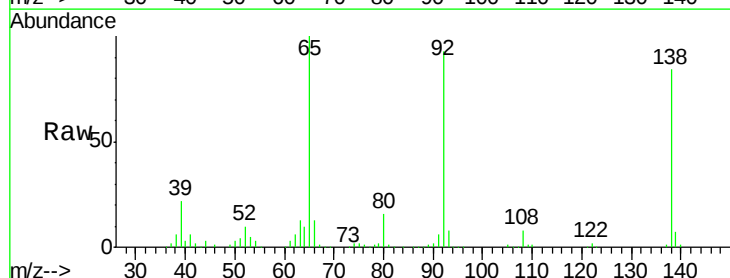
Manual Integrations
APPROVED

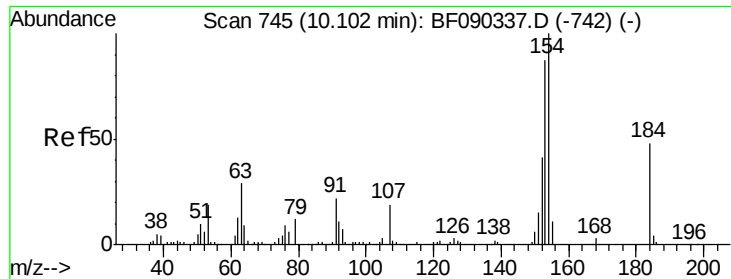
sohil
10/5/2016 7:27:09 PM



#52
3-Nitroaniline
Concen: 51.44 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205563		
108	9.7	9.7	14.5#	
92	110.7	97.1	145.7	





#53

2,4-Dinitrophenol

Concen: 19.94 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 17332

Ion Ratio Lower Upper

184 100

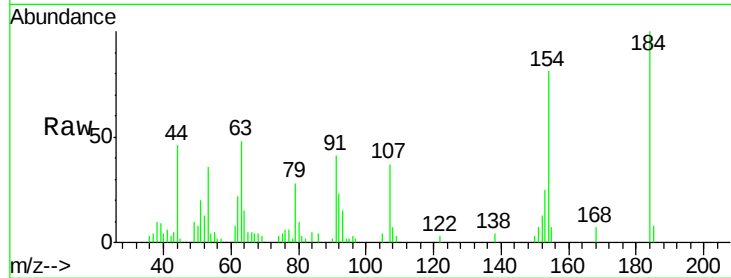
63 48.1 41.9 62.9

154 80.7 48.9 73.3#

Manual Integrations
APPROVED

sohil

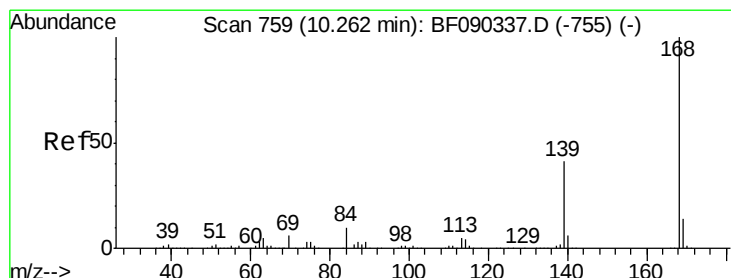
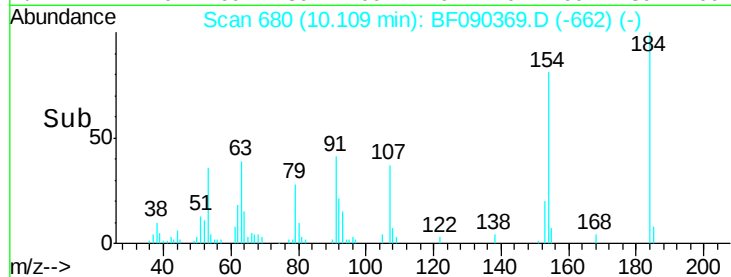
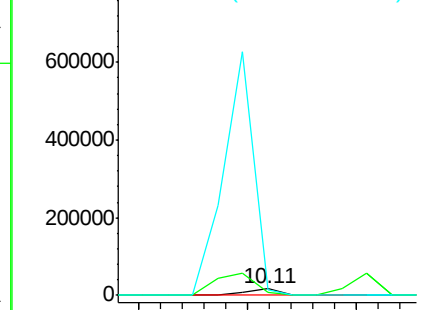
10/5/2016 7:27:09 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.54 ng

RT: 10.27 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

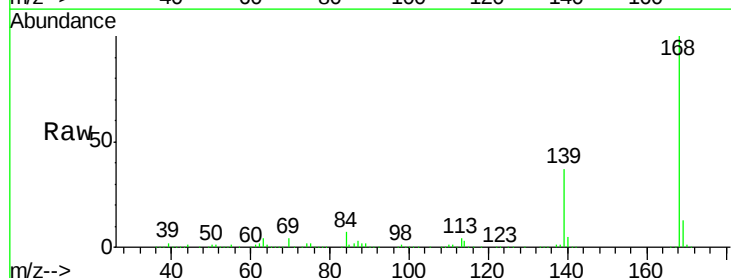
Tgt Ion:168 Resp: 819863

Ion Ratio Lower Upper

168 100

139 36.6 29.6 44.4

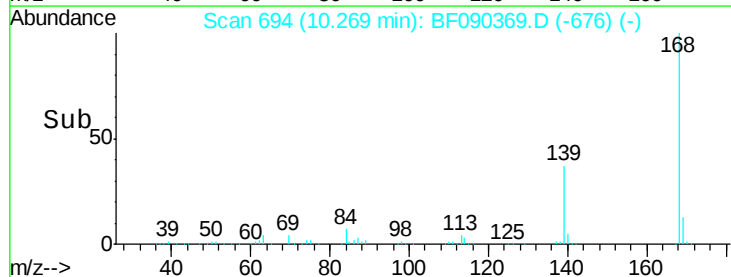
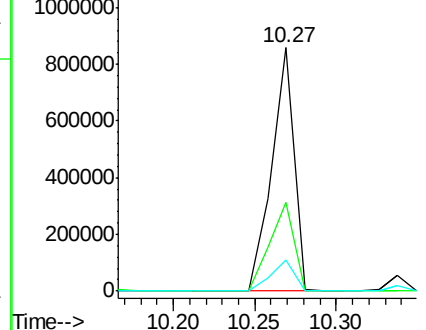
169 13.0 11.3 16.9

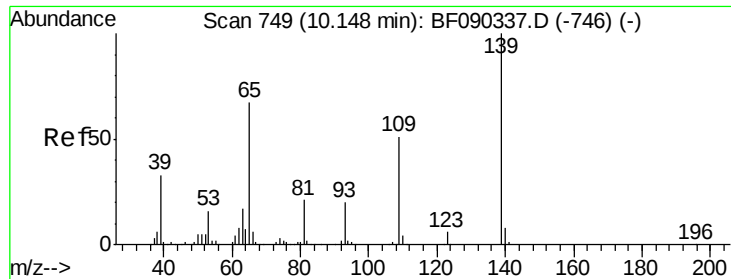


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 54.11 ng

RT: 10.15 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

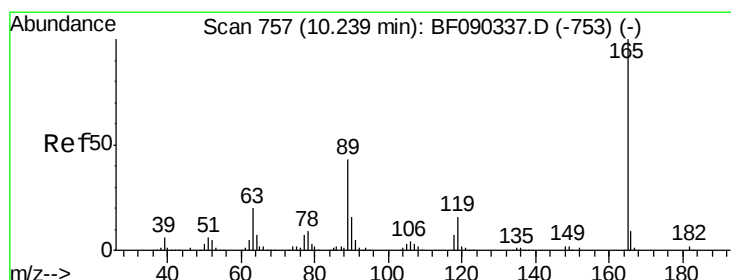
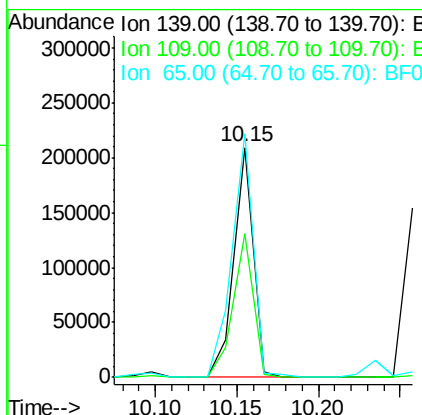
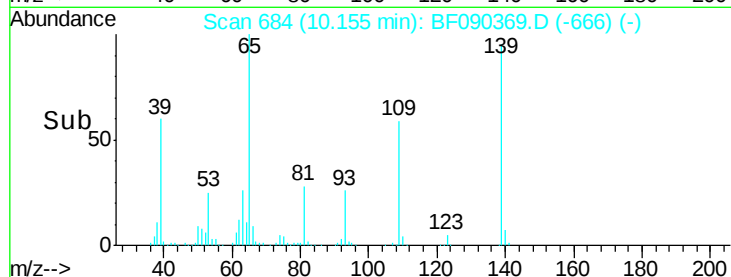
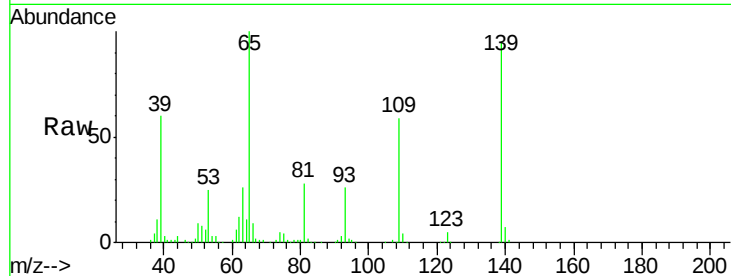
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	172188		
109	62.2	43.6	83.6	
65	105.8	87.5	127.5	

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#56

2,4-Dinitrotoluene

Concen: 43.42 ng

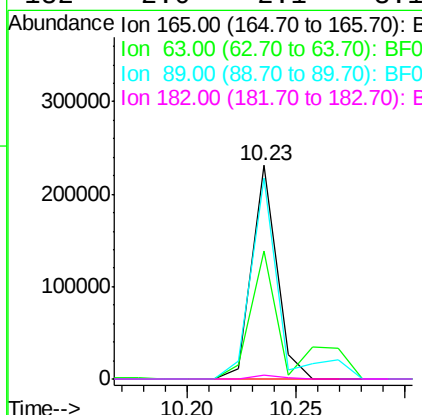
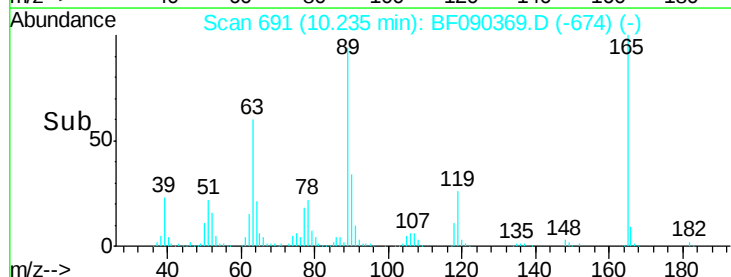
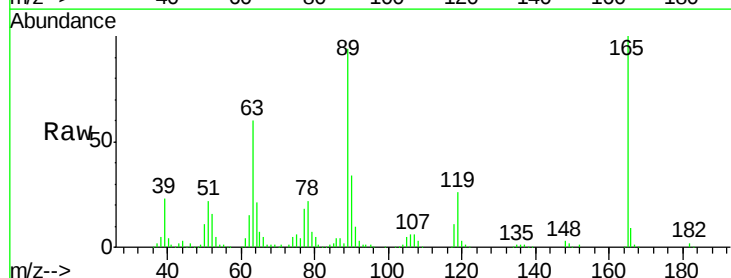
RT: 10.23 min Scan# 691

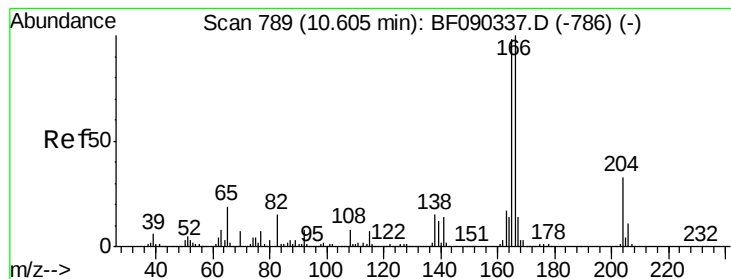
Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184374		
63	59.8	17.8	26.6#	
89	94.4	33.2	49.8#	
182	2.0	2.1	3.1#	





#57

Fluorene

Concen: 45.42 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

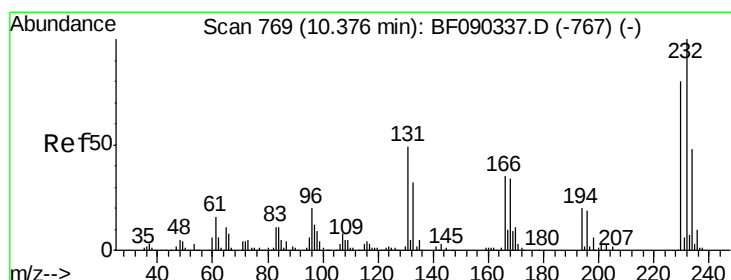
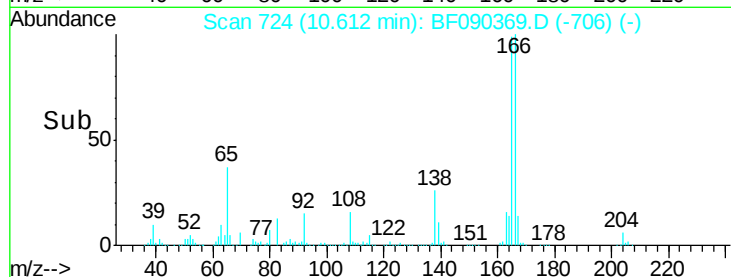
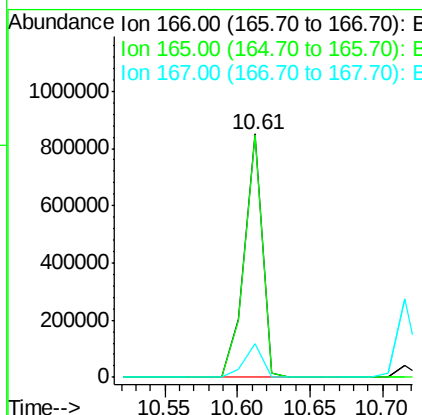
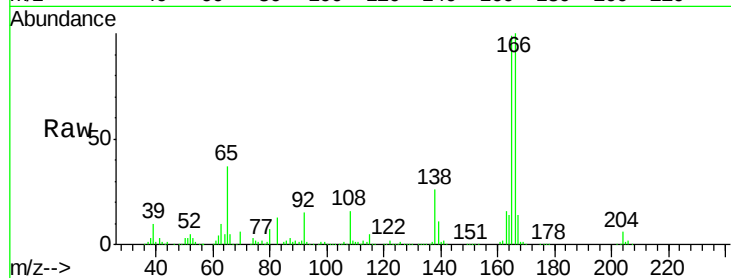
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	166	Resp:	732247
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.2	118.8
167	13.7	11.1	16.7

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.23 ng

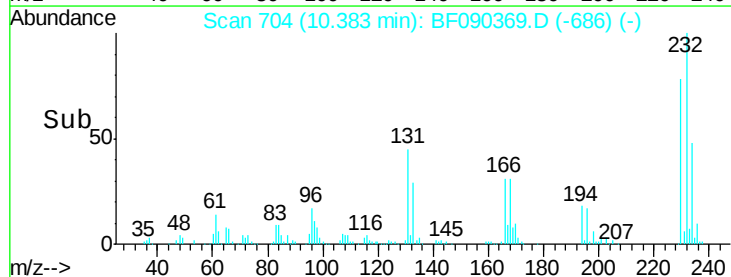
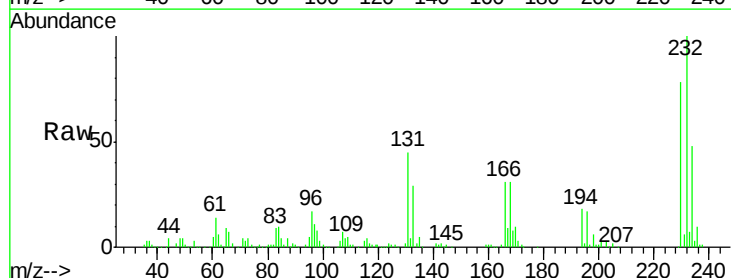
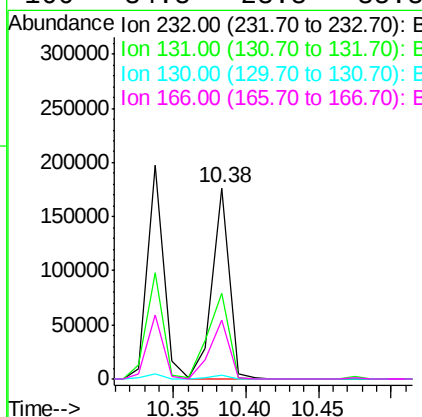
RT: 10.38 min Scan# 704

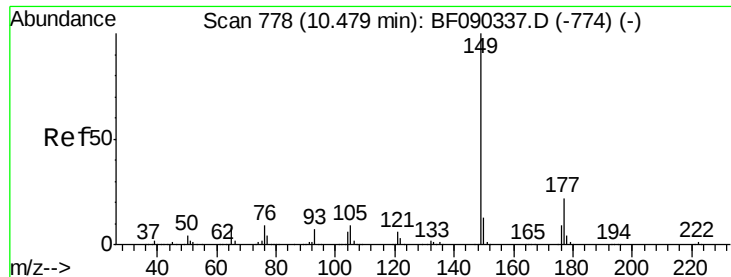
Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	232	Resp:	144968
Ion Ratio	Lower	Upper	
232	100		
131	54.8	34.5	51.7#
130	2.7	1.6	2.4#
166	34.8	23.8	35.8





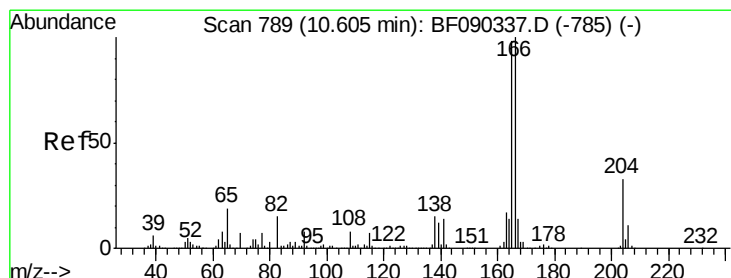
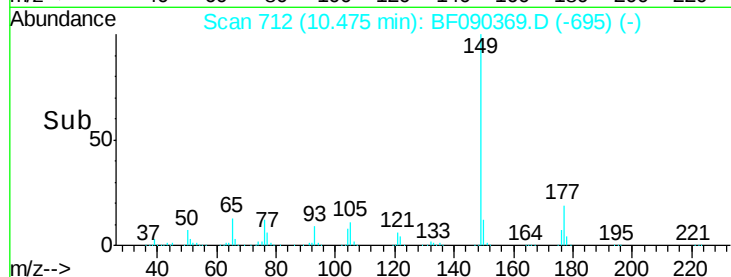
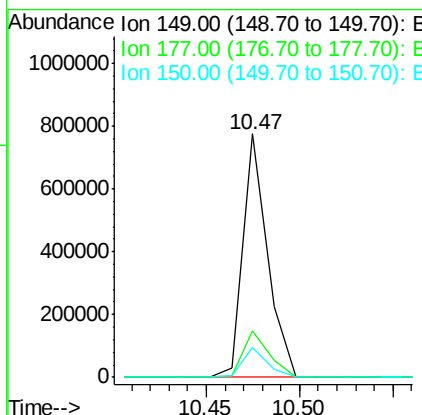
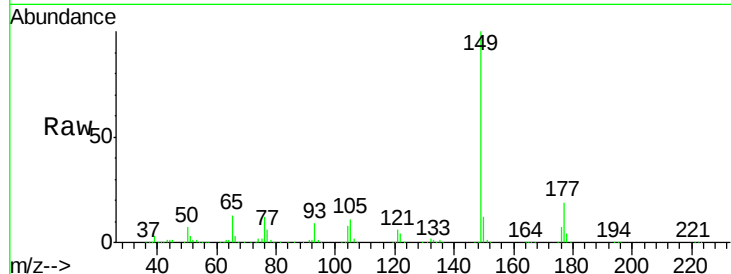
#59
Diethylphthalate
Concen: 42.94 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.9	21.1	31.7#
150	12.3	10.2	15.2

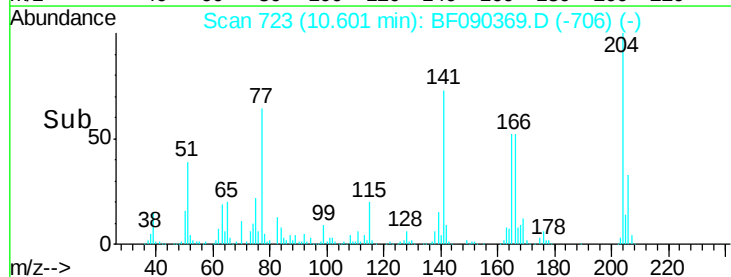
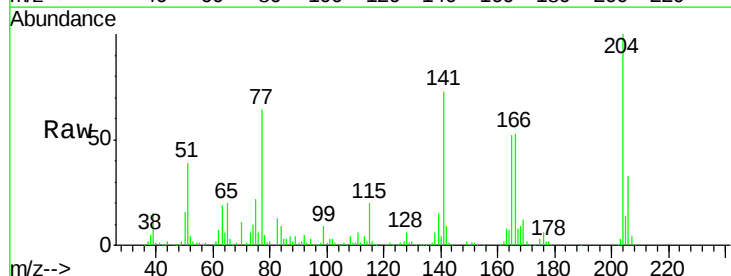
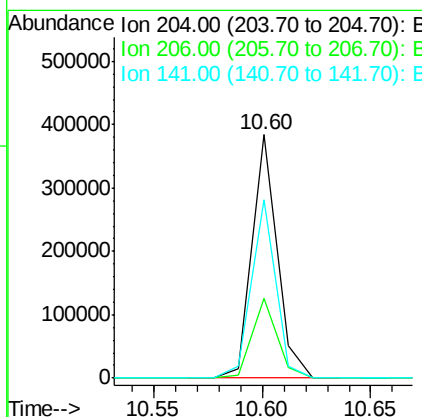
Manual Integrations
APPROVED

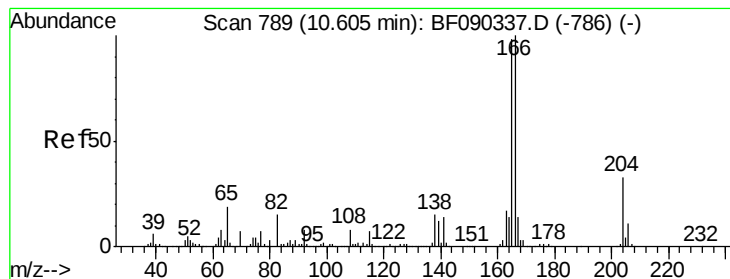
sohil
10/5/2016 7:27:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.42 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	73.3	51.7	77.5





#61

4-Nitroaniline

Concen: 53.57 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

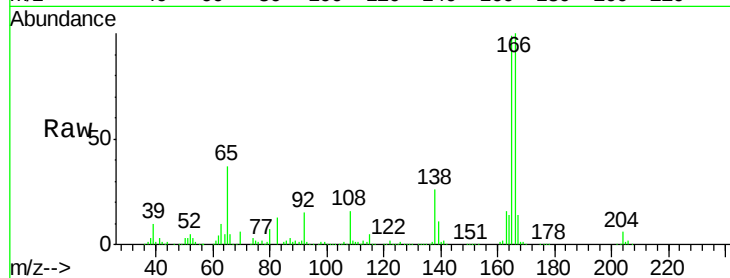
ClientSampleId :

SSTDCCC040EC

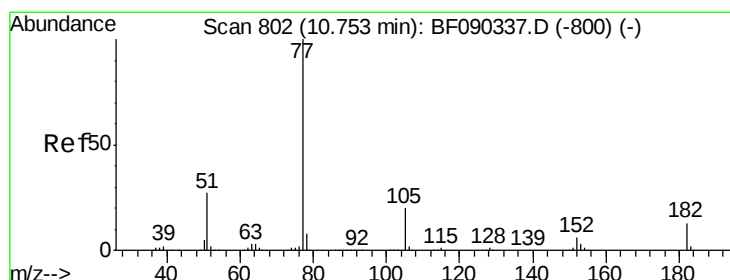
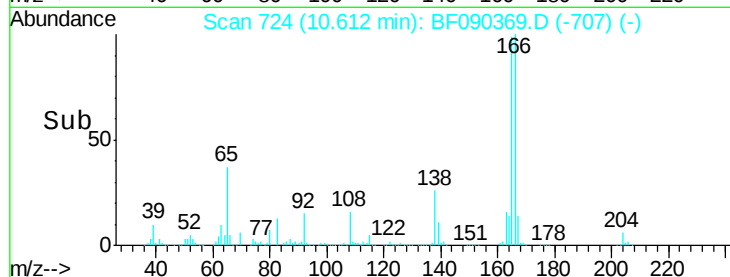
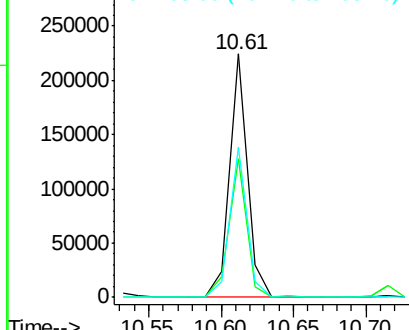
Tgt Ion:	138	Resp:	192574
Ion Ratio	Lower	Upper	
138	100		
92	56.8	33.2	73.2
108	61.9	48.5	88.5

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



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



#62

Azobenzene

Concen: 50.36 ng

RT: 10.76 min Scan# 737

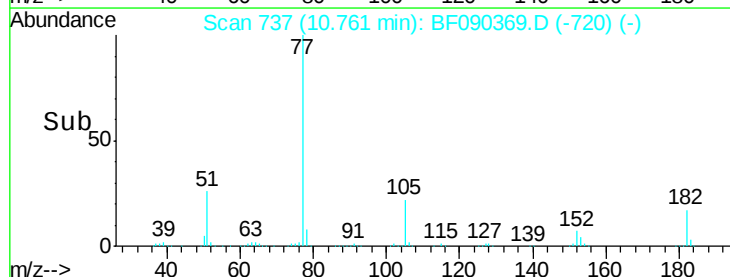
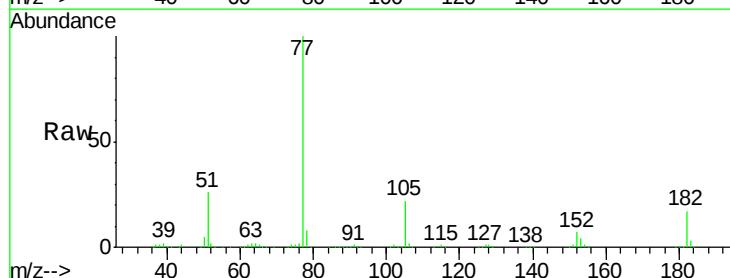
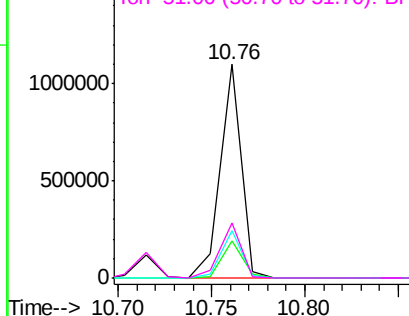
Delta R.T. -0.00 min

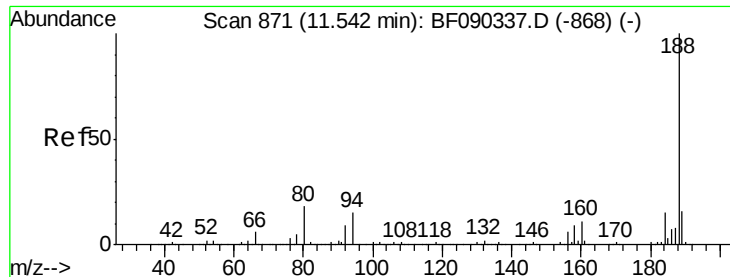
Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion:	77	Resp:	865296
Ion Ratio	Lower	Upper	
77	100		
182	17.5	3.2	43.2
105	22.0	2.9	42.9
51	25.6	14.2	54.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





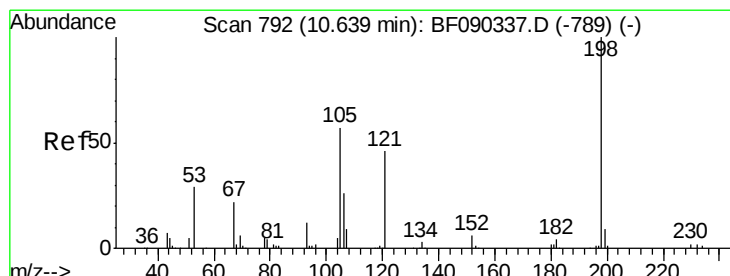
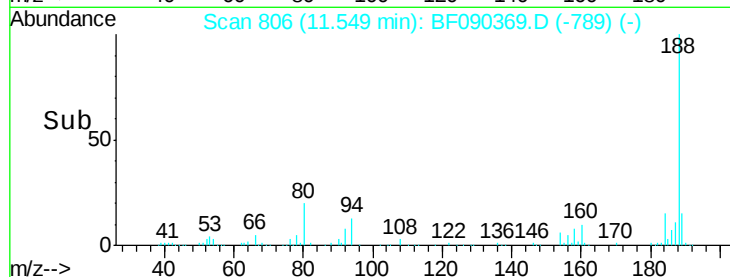
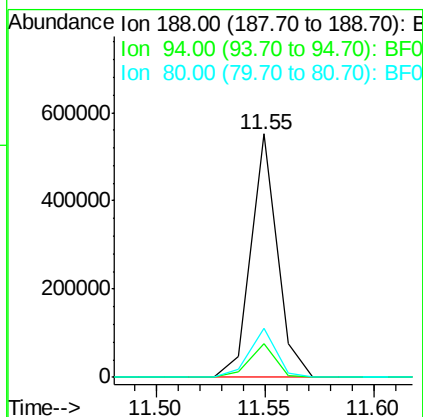
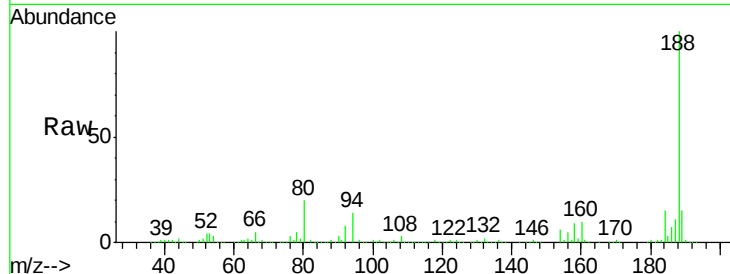
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.7	8.2	12.2#
80	20.0	8.8	13.2#

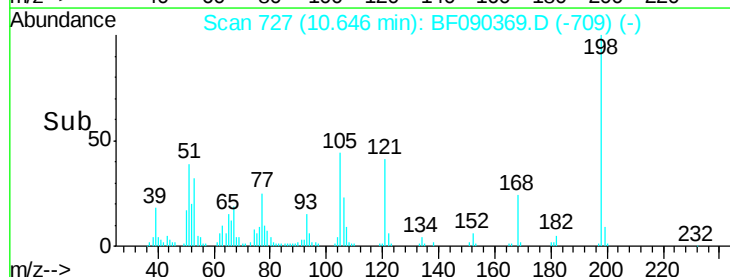
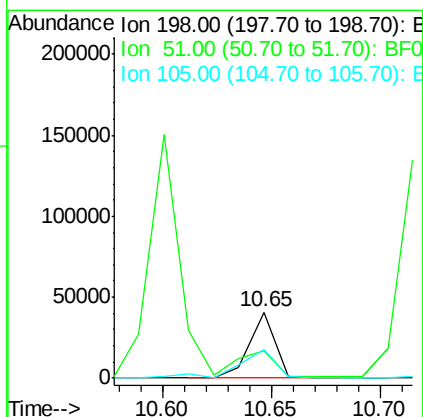
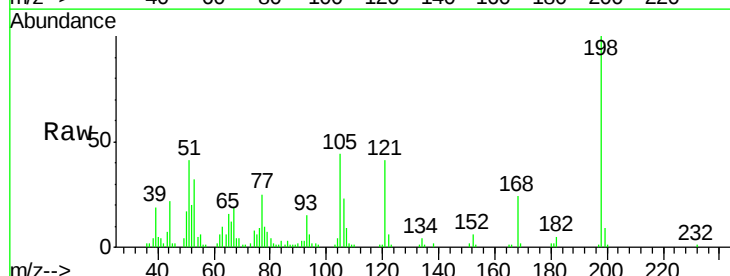
Manual Integrations
APPROVED

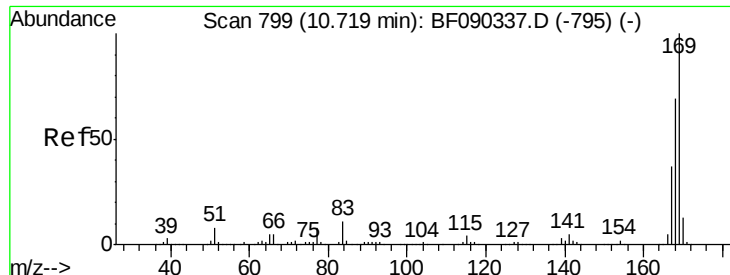
sohil
10/5/2016 7:27:09 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.90 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.8	67.3	107.3#
105	43.8	42.6	82.6





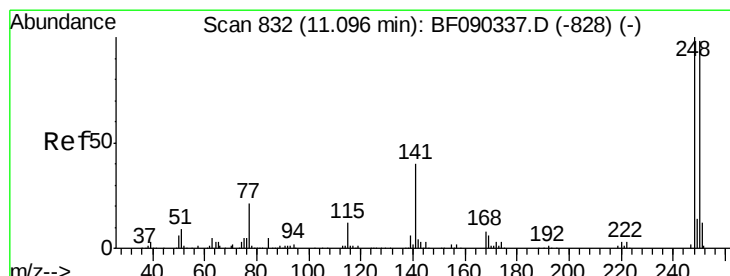
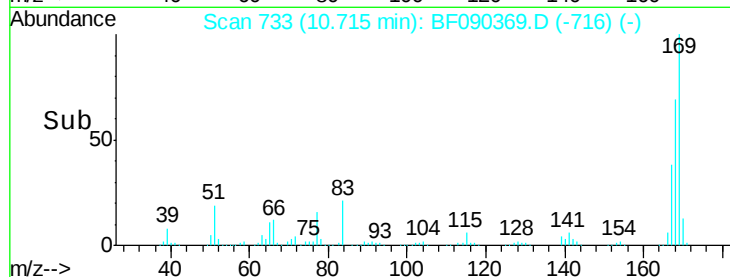
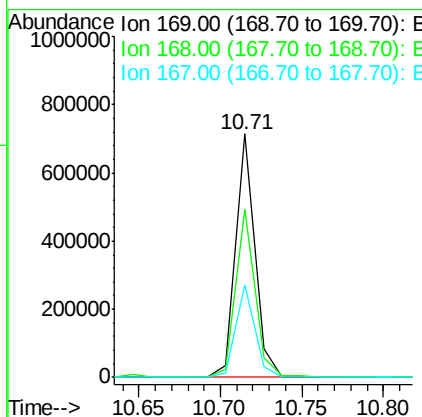
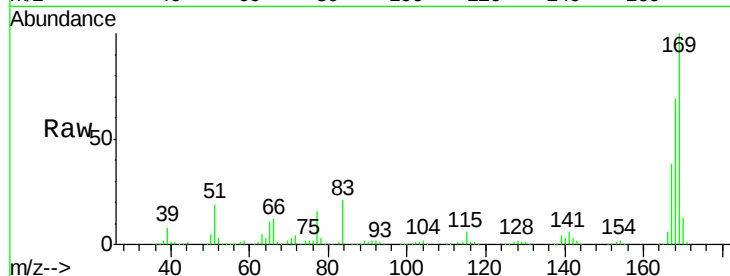
#65
n-Nitrosodiphenylamine
Concen: 36.31 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	573408		
168	69.1	53.8	80.6	
167	38.2	29.8	44.8	

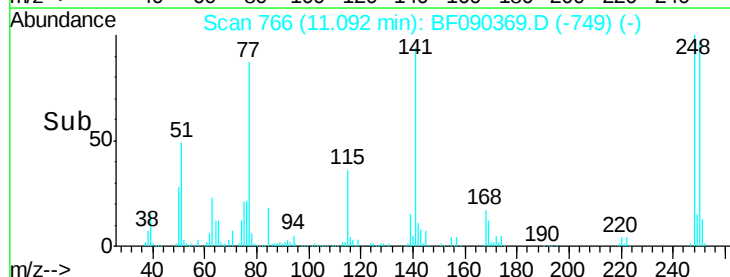
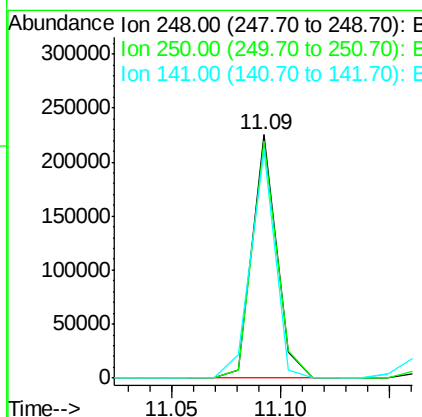
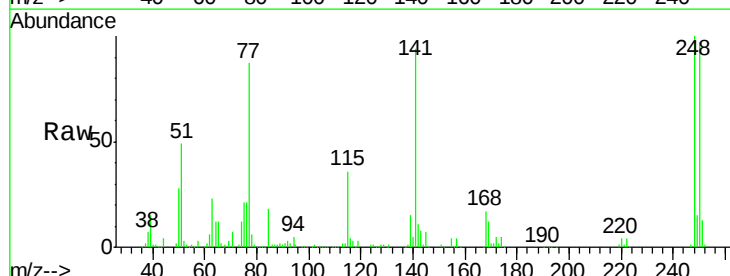
Manual Integrations
APPROVED

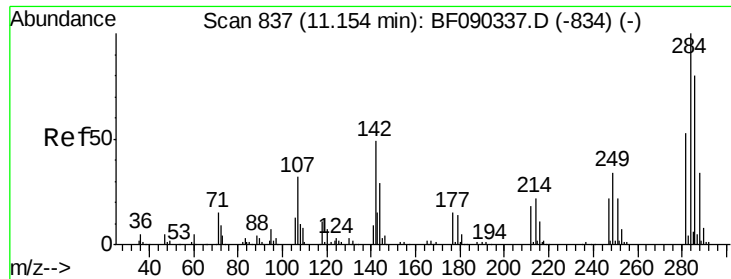
sohil
10/5/2016 7:27:09 PM



#66
4-Bromophenyl-phenylether
Concen: 35.22 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176265		
250	97.4	76.5	114.7	
141	93.8	59.8	89.6	





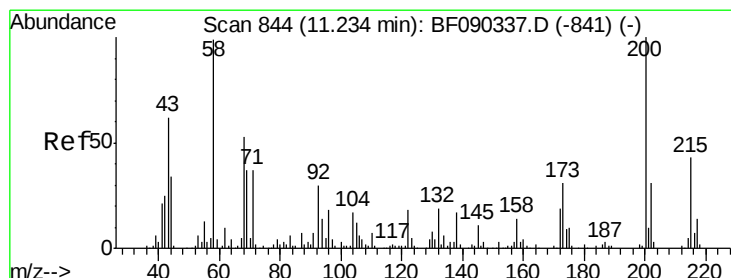
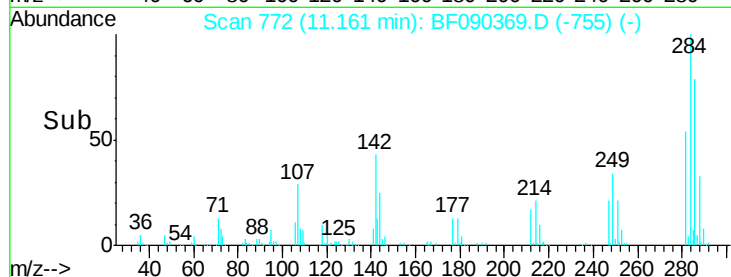
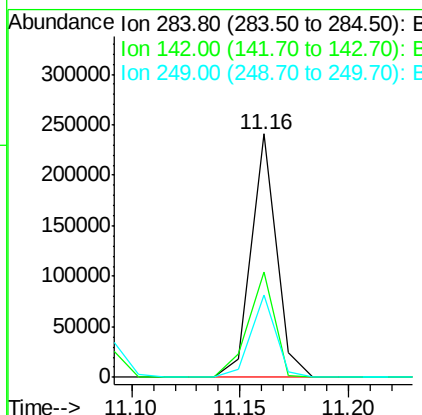
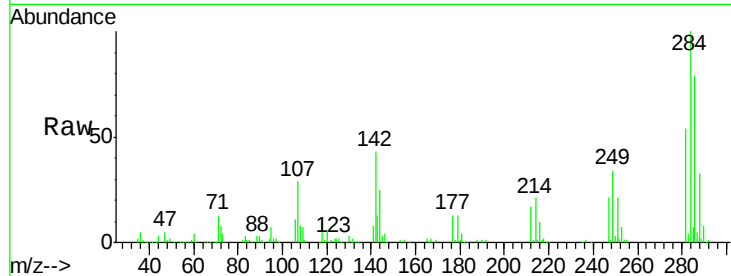
#67
Hexachlorobenzene
Concen: 33.08 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	43.3	23.1	34.7#
249	33.6	26.3	39.5

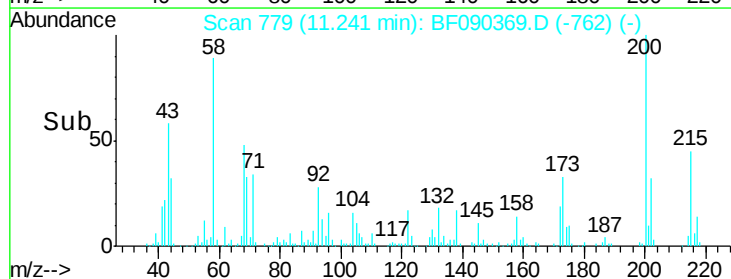
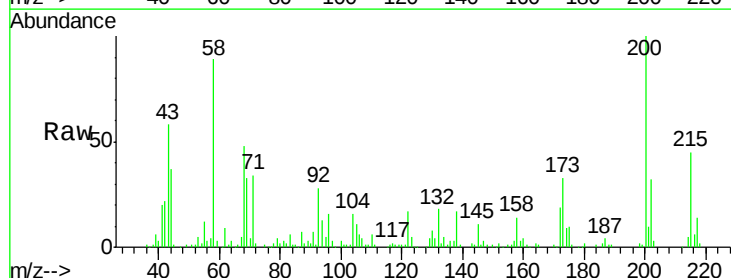
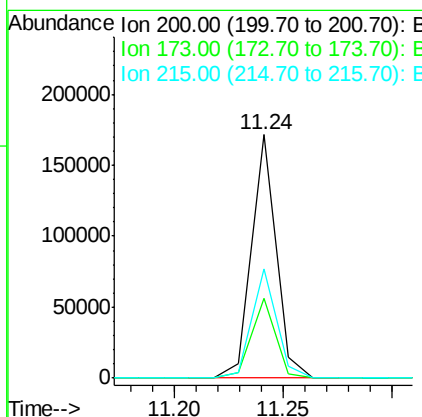
Manual Integrations
APPROVED

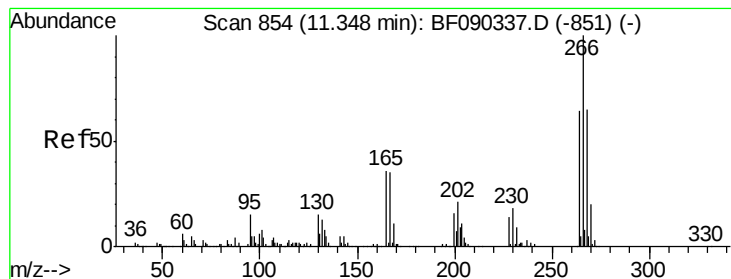
sohil
10/5/2016 7:27:09 PM



#68
Atrazine
Concen: 35.73 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	32.5	9.0	49.0
215	44.9	24.8	64.8





#69

Pentachlorophenol

Concen: 37.06 ng

RT: 11.35 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

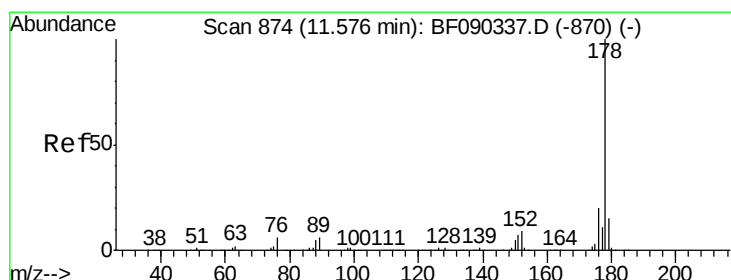
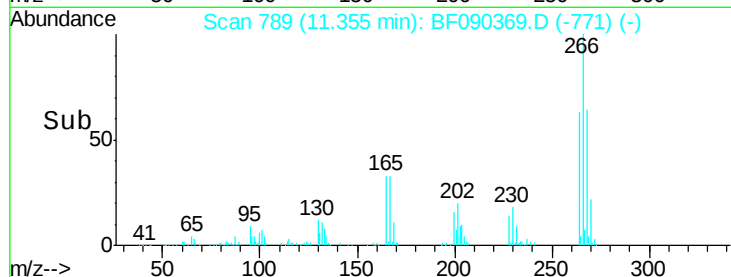
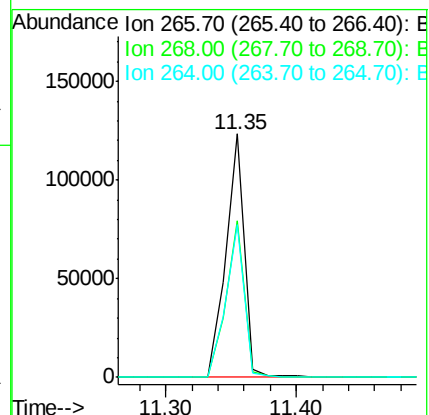
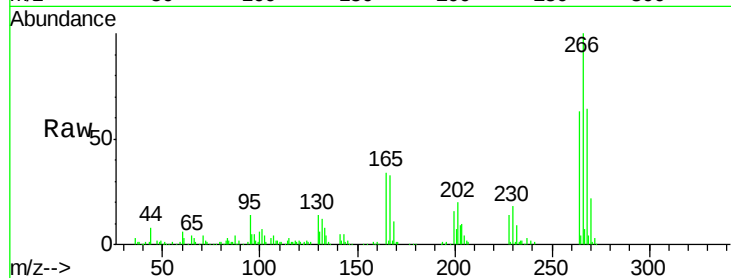
ClientSampleId :

SSTDCCC040EC

Tgt	Ion	266	Resp:	122182
Ion	Ratio	Lower	Upper	
266	100			
268	64.2	50.9	76.3	
264	62.6	51.5	77.3	

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#70

Phenanthrene

Concen: 37.19 ng

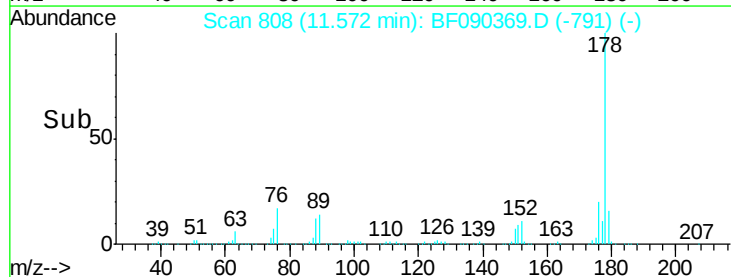
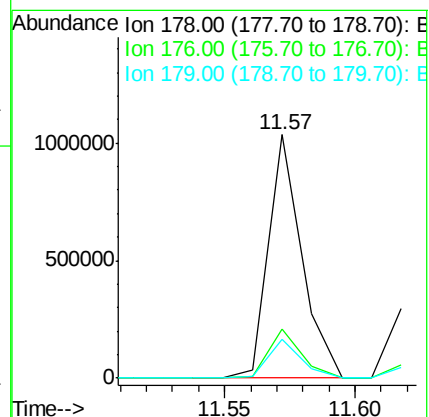
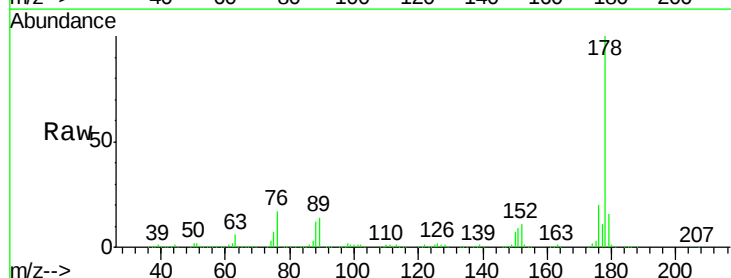
RT: 11.57 min Scan# 808

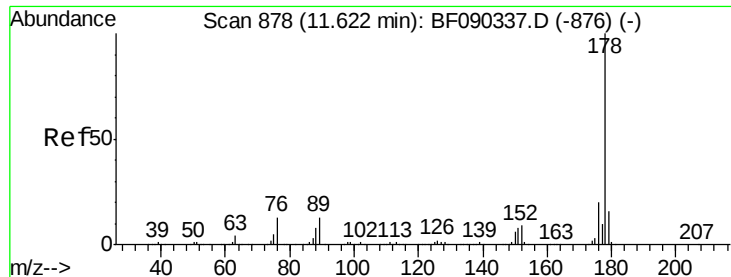
Delta R.T. -0.00 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt	Ion	178	Resp:	923931
Ion	Ratio	Lower	Upper	
178	100			
176	20.0	17.3	25.9	
179	16.0	13.8	20.6	





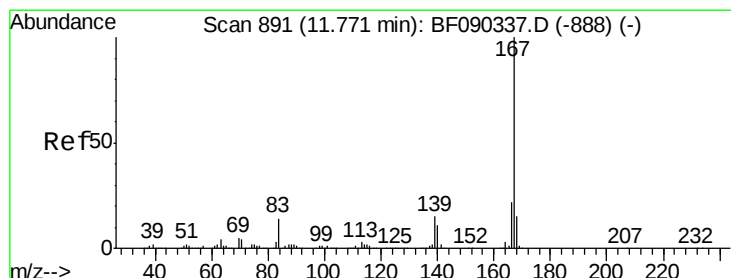
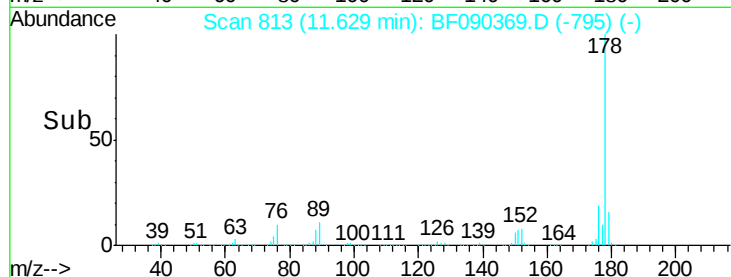
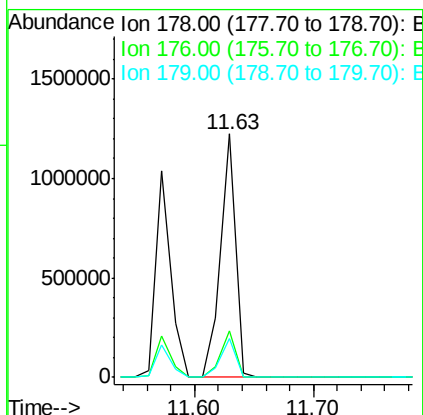
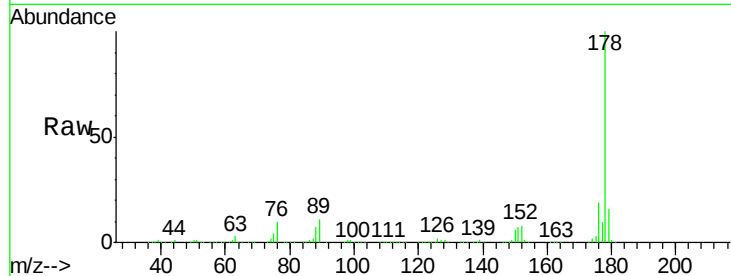
#71
 Anthracene
 Concen: 42.72 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1059516
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.8 25.2
 179 15.7 13.4 20.2

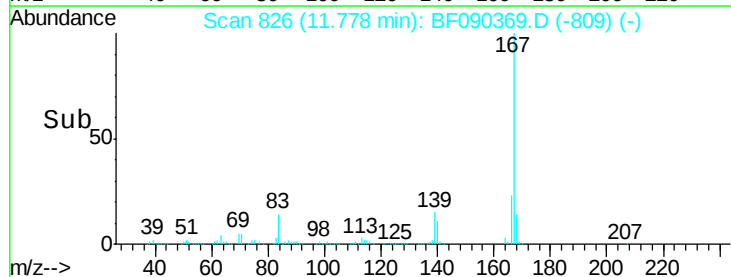
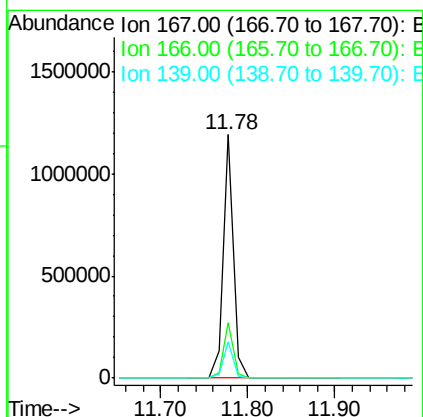
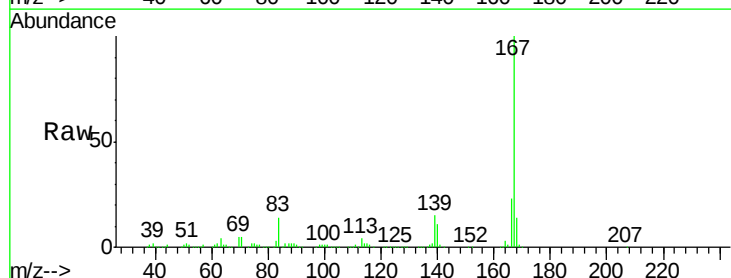
Manual Integrations
 APPROVED

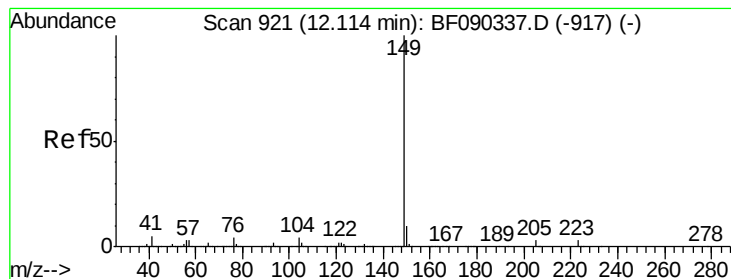
sohil
 10/5/2016 7:27:09 PM



#72
 Carbazole
 Concen: 43.01 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion:167 Resp: 980446
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.1 28.7
 139 14.8 12.1 18.1





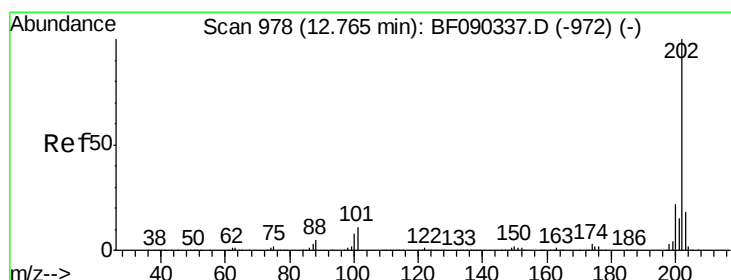
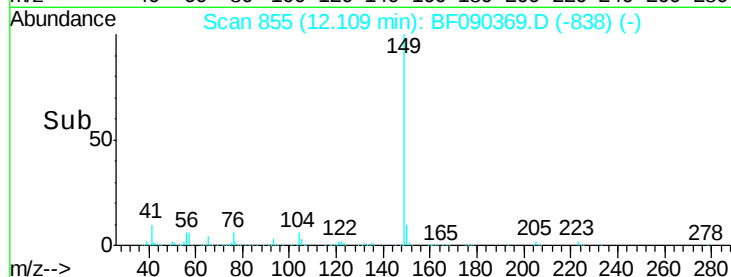
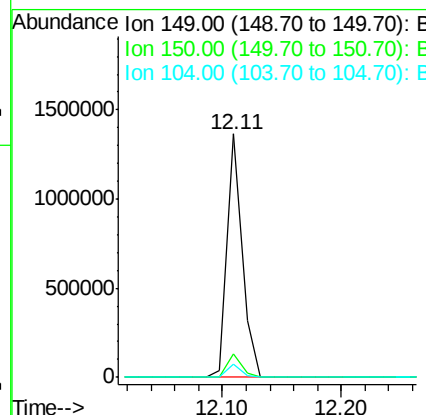
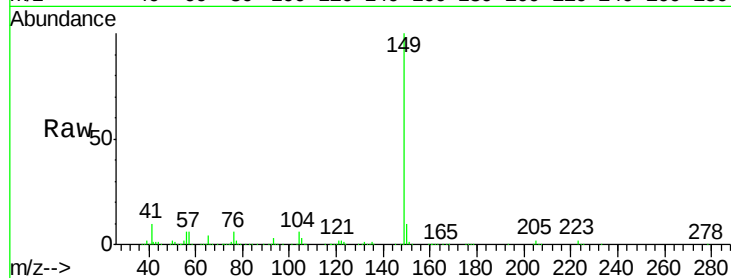
#73
Di-n-butylphthalate
Concen: 43.39 ng
RT: 12.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1182247
Ion Ratio Lower Upper
149 100
150 9.6 8.6 12.8
104 5.6 4.7 7.1

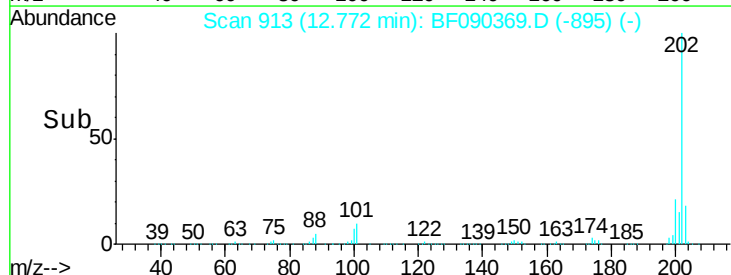
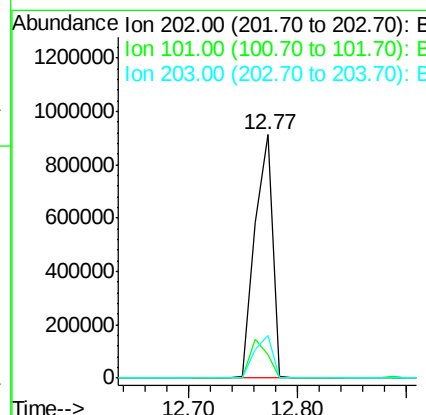
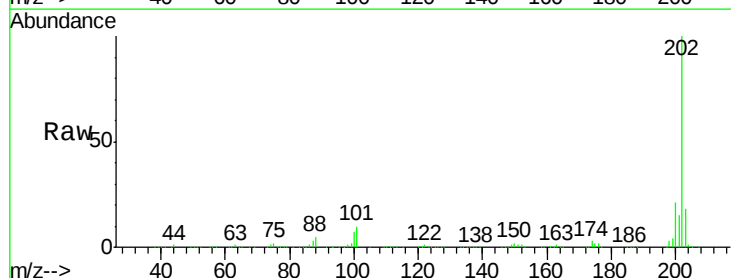
Manual Integrations
APPROVED

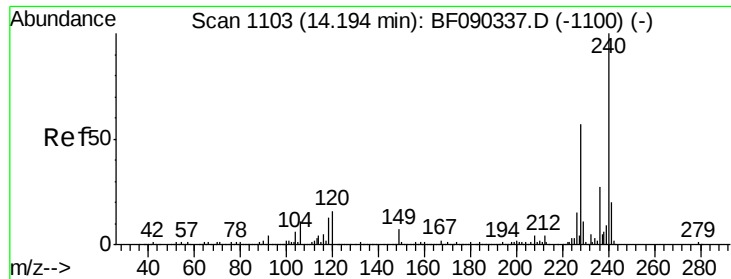
sohil
10/5/2016 7:27:09 PM



#74
Fluoranthene
Concen: 44.19 ng
RT: 12.77 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion:202 Resp: 1041286
Ion Ratio Lower Upper
202 100
101 9.7 0.0 37.2
203 17.6 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

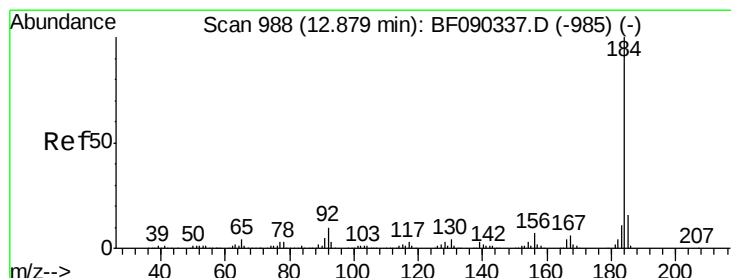
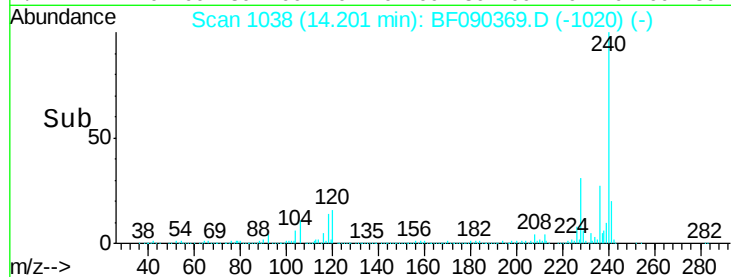
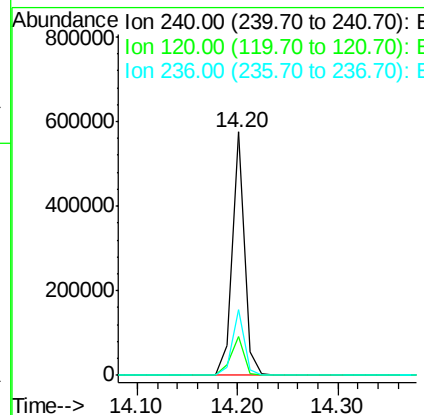
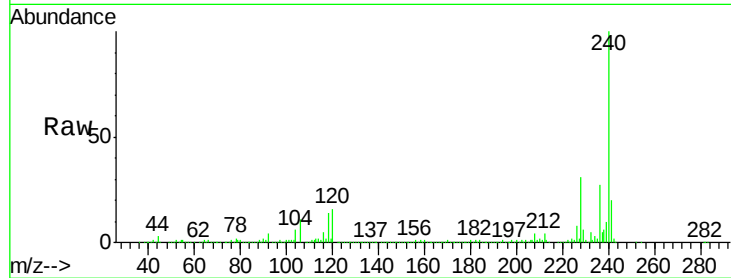
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	484668		
120	15.8	8.6	13.0	
236	26.8	21.6	32.4	

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#76

Benzidine

Concen: 42.37 ng

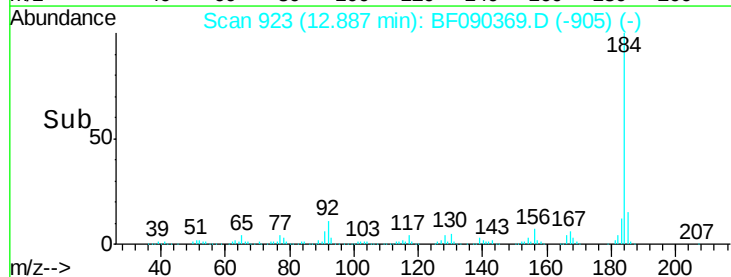
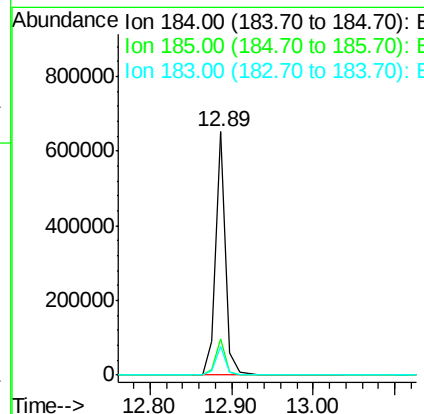
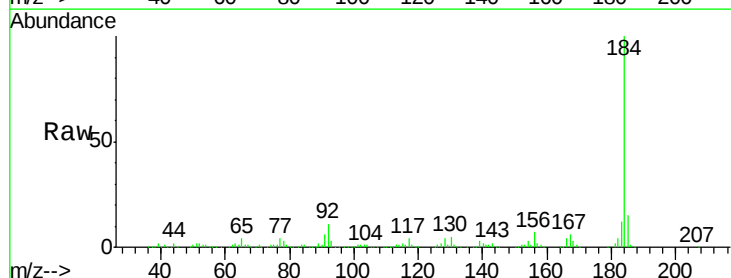
RT: 12.89 min Scan# 923

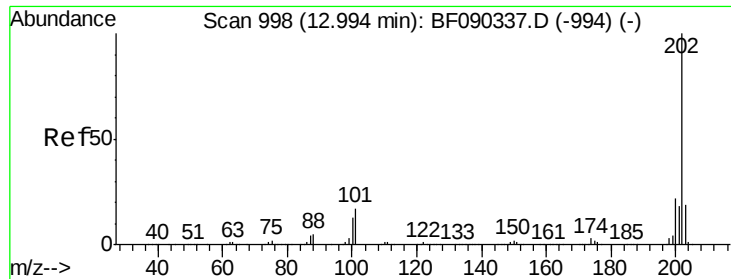
Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	564744		
185	15.0	11.8	17.8	
183	11.6	9.6	14.4	





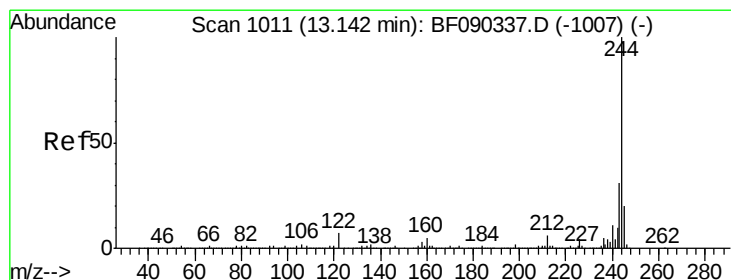
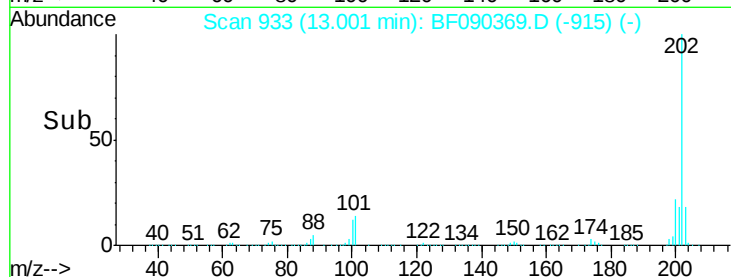
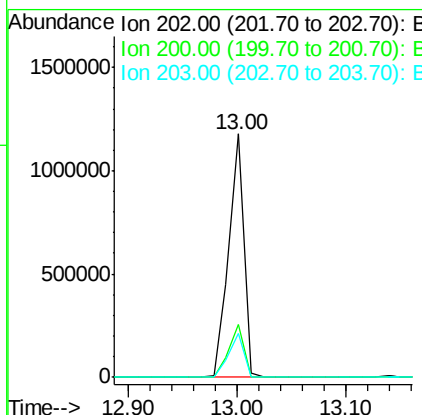
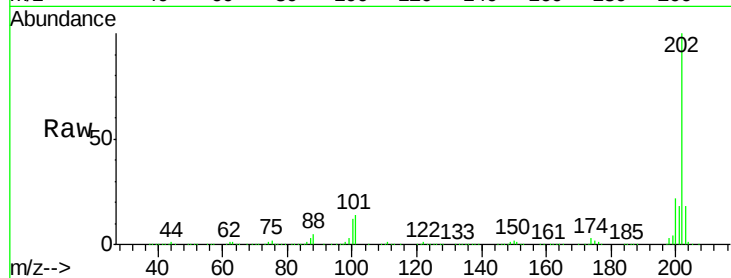
#77
 Pyrene
 Concen: 36.59 ng
 RT: 13.00 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.5	27.7
203	17.9	15.0	22.6

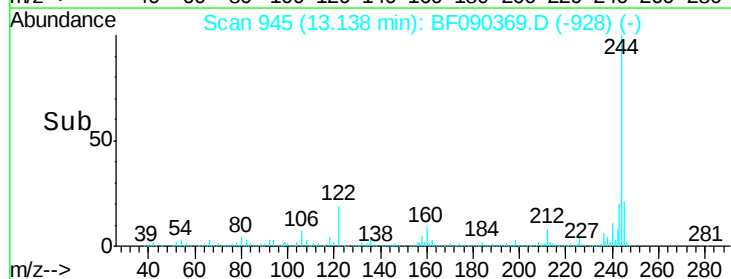
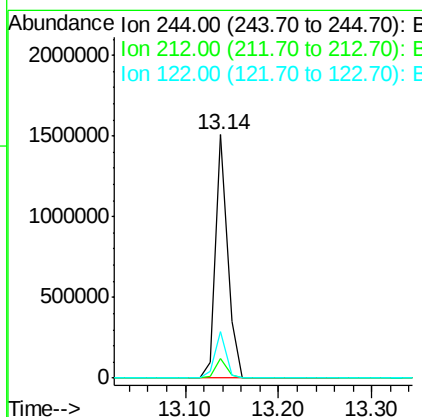
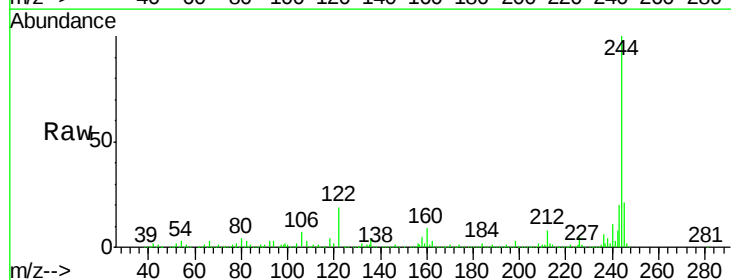
Manual Integrations
 APPROVED

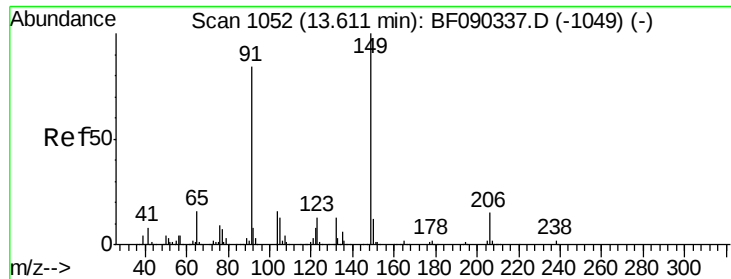
sohil
 10/5/2016 7:27:09 PM



#78
 Terphenyl-d14
 Concen: 64.98 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.8	10.2
122	19.4	13.3	19.9





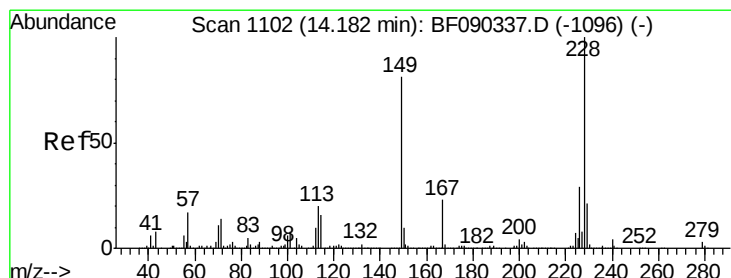
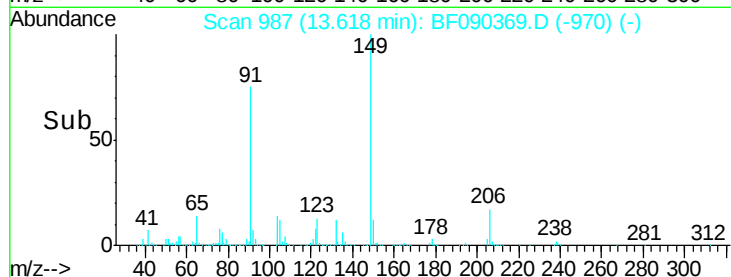
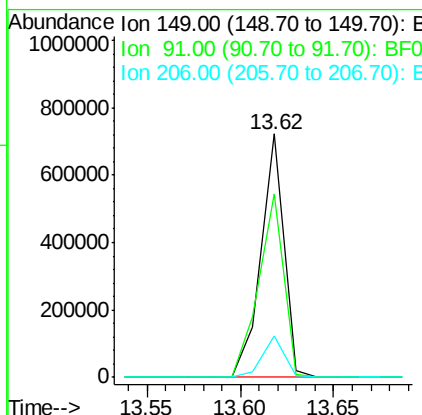
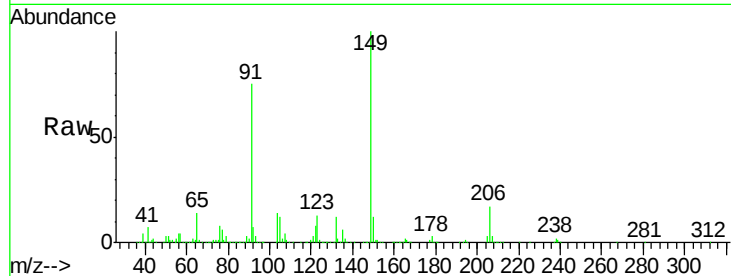
#79
Butylbenzylphthalate
Concen: 50.23 ng
RT: 13.62 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	51.8	77.8
206	16.8	18.0	27.0

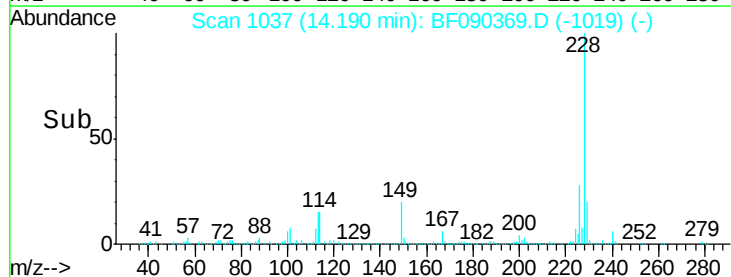
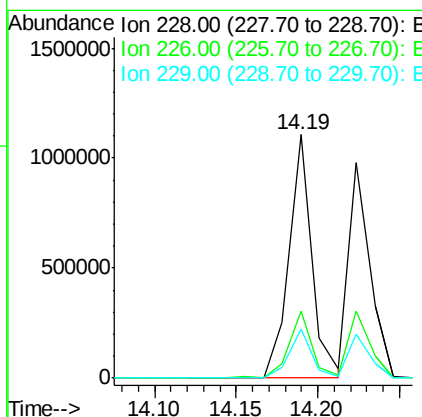
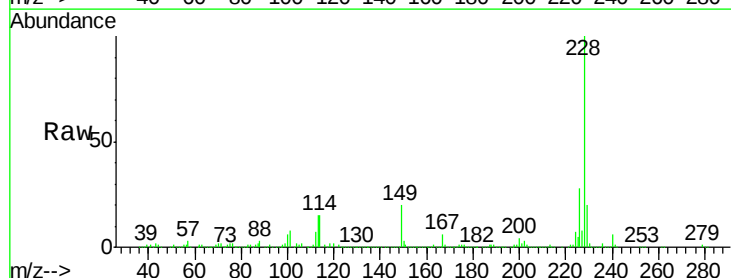
Manual Integrations
APPROVED

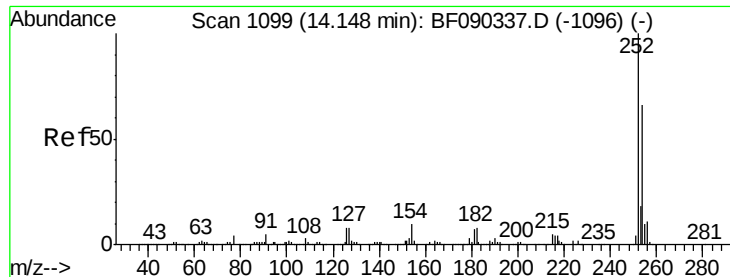
sohil
10/5/2016 7:27:09 PM



#80
Benzo(a)anthracene
Concen: 39.97 ng
RT: 14.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF090369.D
Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.6	35.4
229	20.3	16.6	25.0





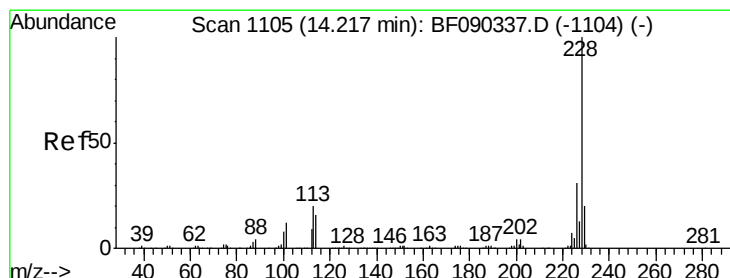
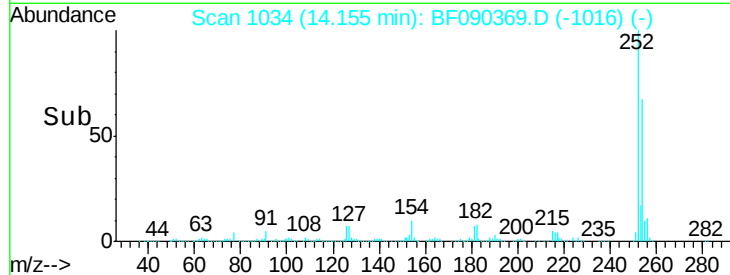
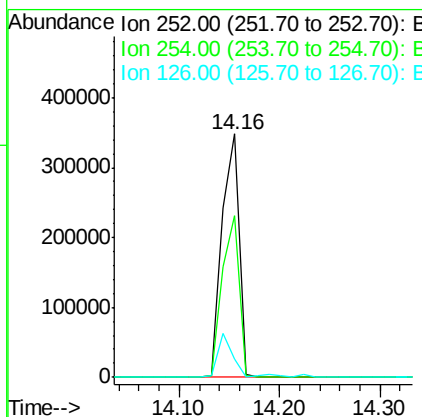
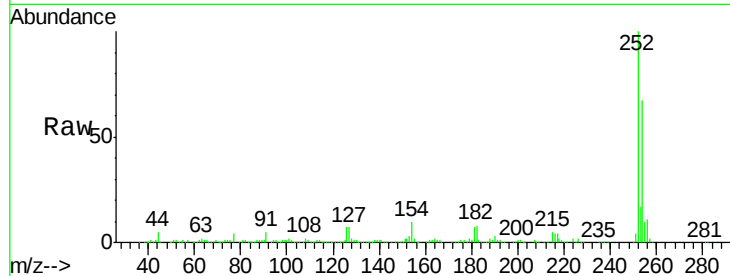
#81
 3,3'-Dichlorobenzidine
 Concen: 44.20 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.1	78.1
126	7.5	4.2	6.4

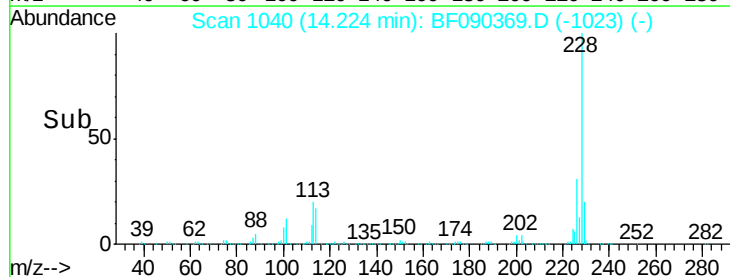
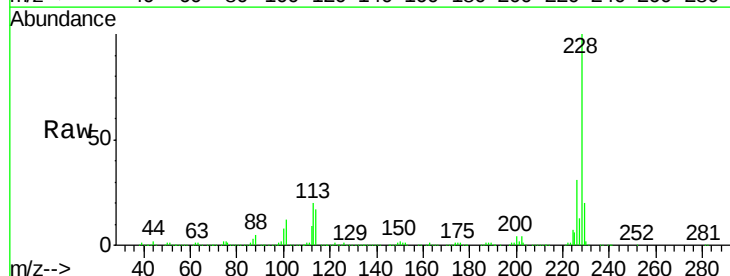
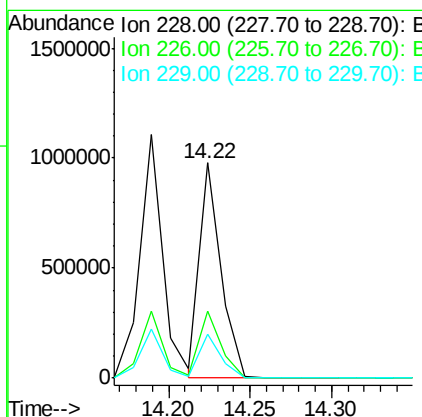
Manual Integrations
 APPROVED

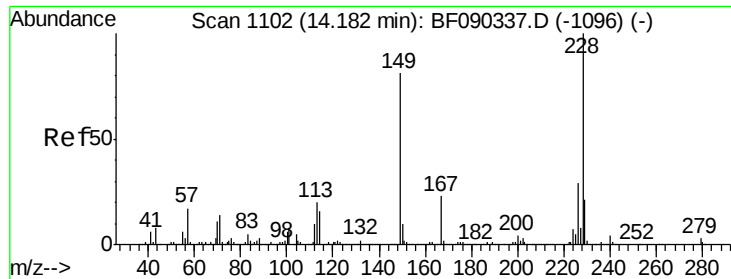
sohil
 10/5/2016 7:27:09 PM



#82
 Chrysene
 Concen: 35.53 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.2	16.9	25.3





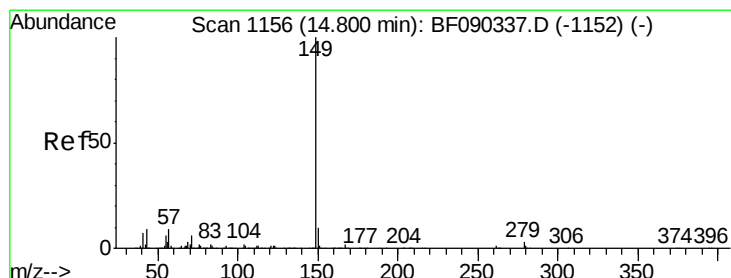
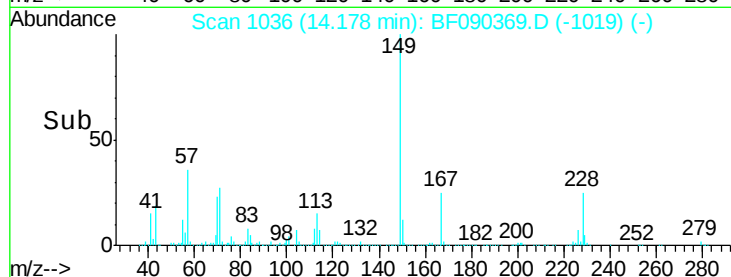
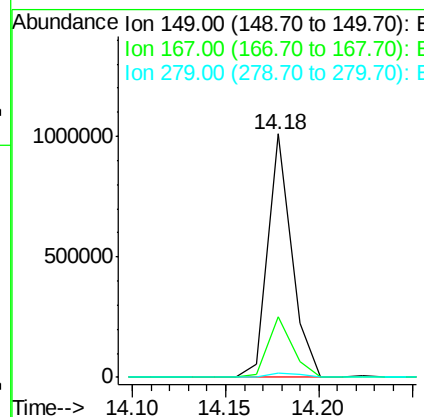
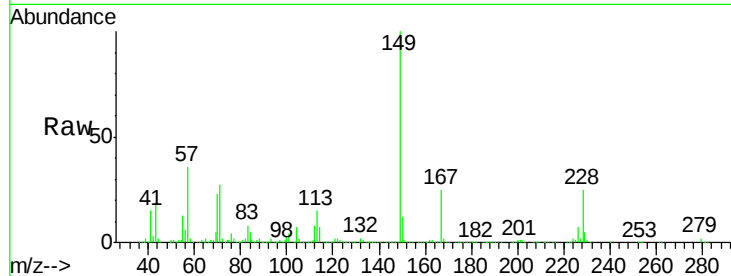
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.22 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.5	32.3
279	1.9	2.6	3.8#

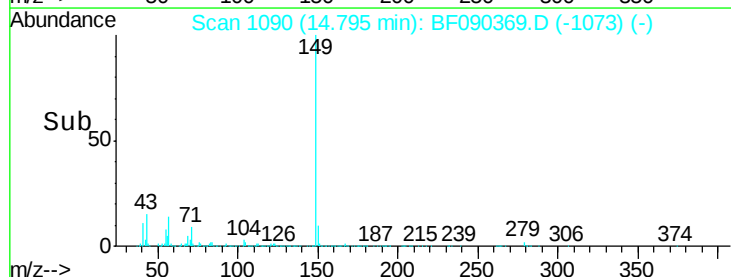
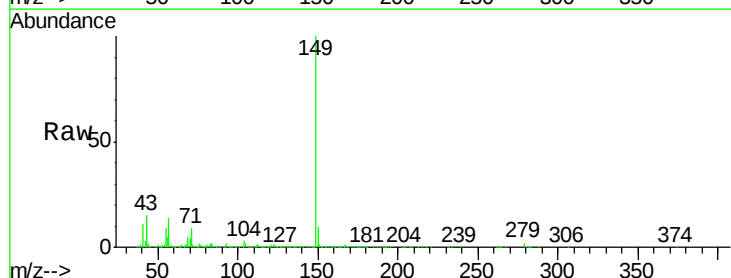
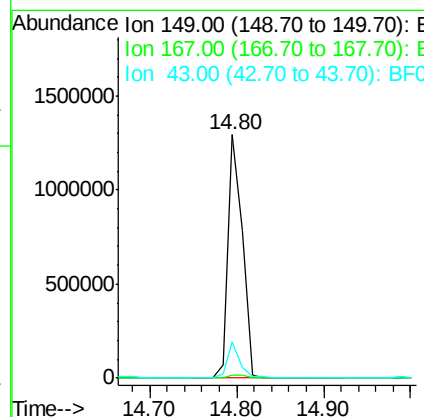
Manual Integrations
 APPROVED

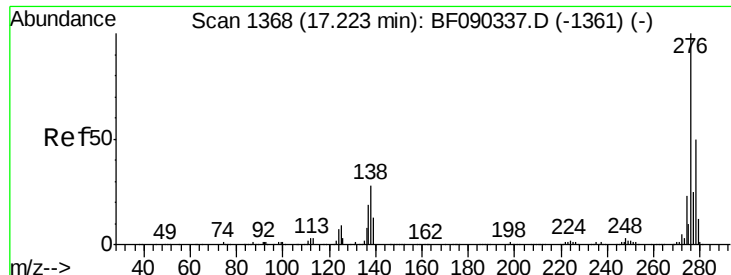
sohil
 10/5/2016 7:27:09 PM



#84
 Di-n-octyl phthalate
 Concen: 52.37 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	11.8	17.8





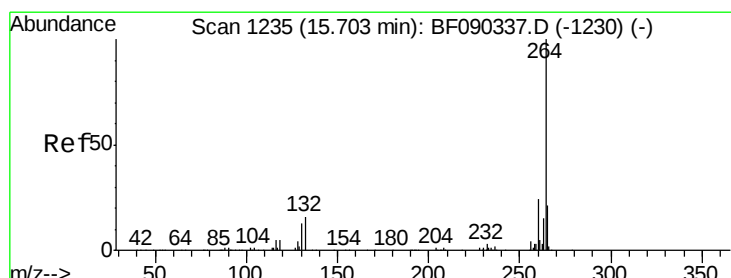
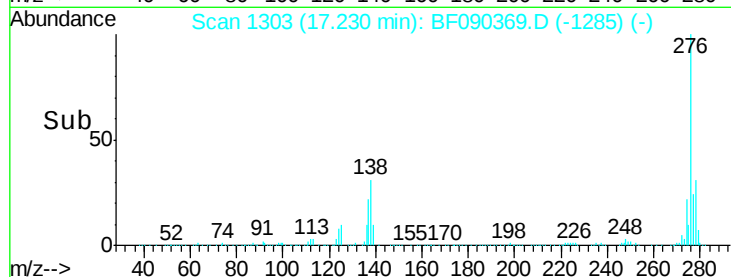
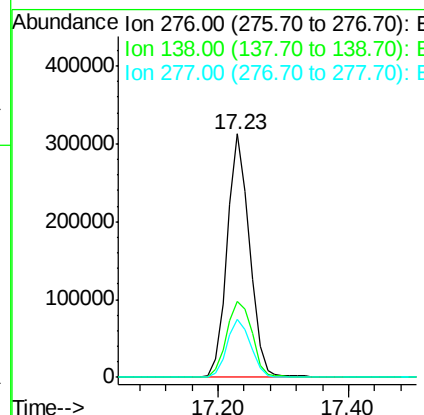
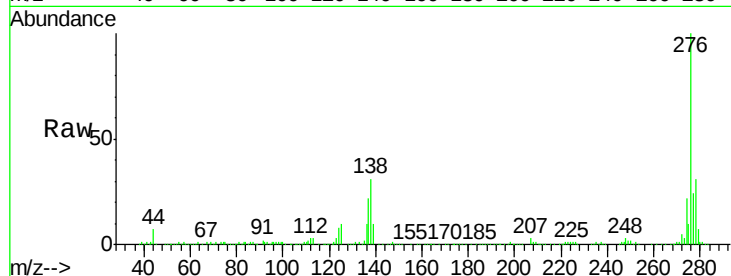
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.22 ng
 RT: 17.23 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.0	23.8	35.8#
277	25.2	20.4	30.6

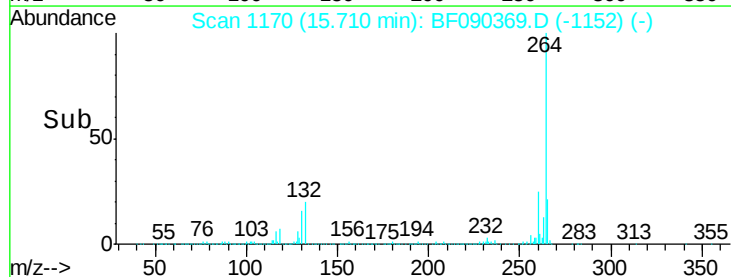
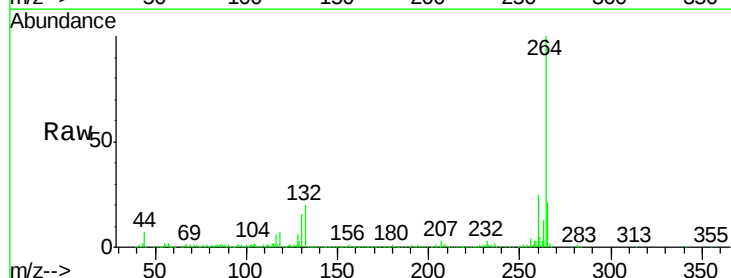
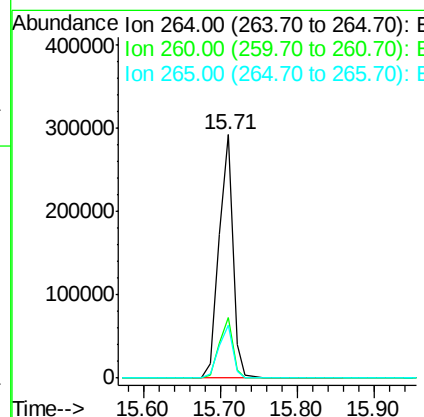
Manual Integrations
 APPROVED

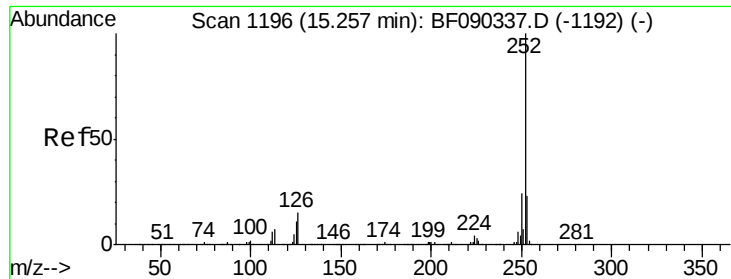
sohil
 10/5/2016 7:27:09 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.26 ng

RT: 15.26 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Instrument :

BNA_F

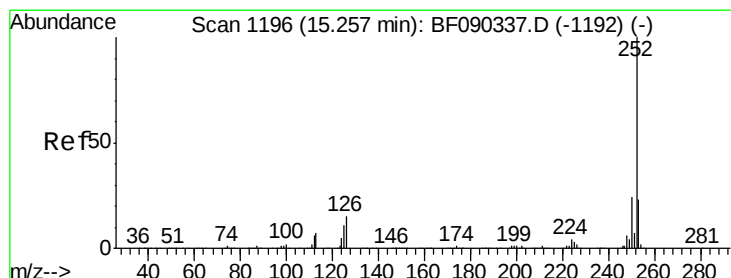
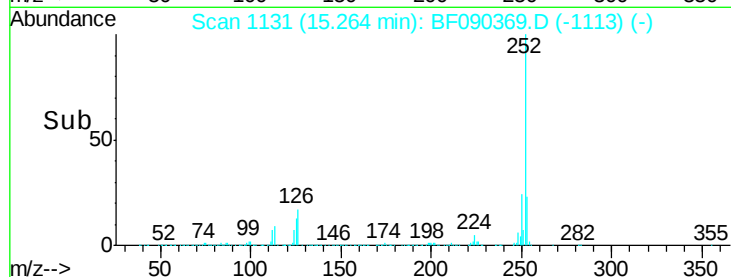
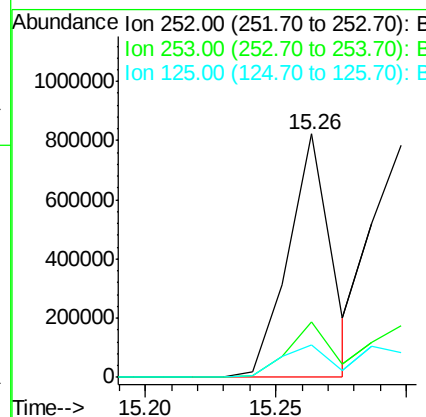
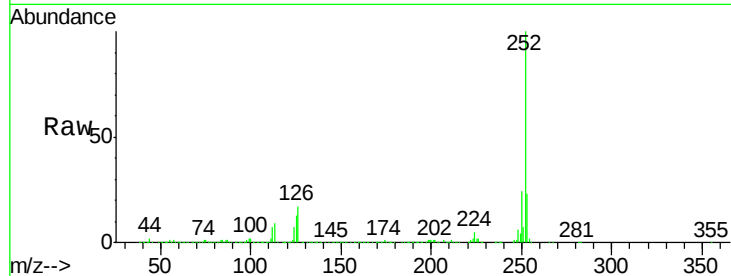
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.4	7.0	10.4

Manual Integrations
APPROVED

sohil
10/5/2016 7:27:09 PM



#88

Benzo(k)fluoranthene

Concen: 46.93 ng m

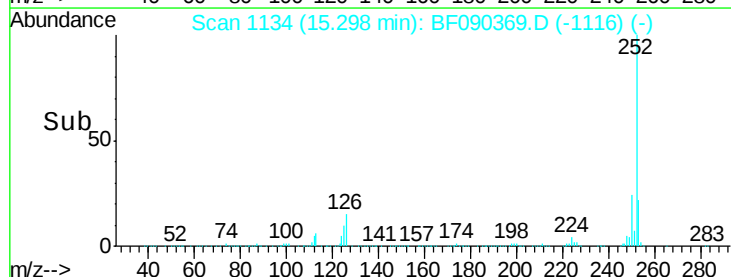
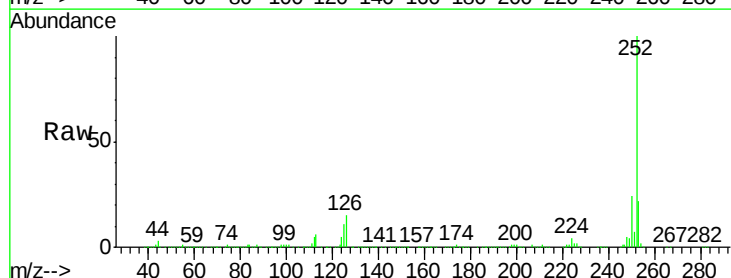
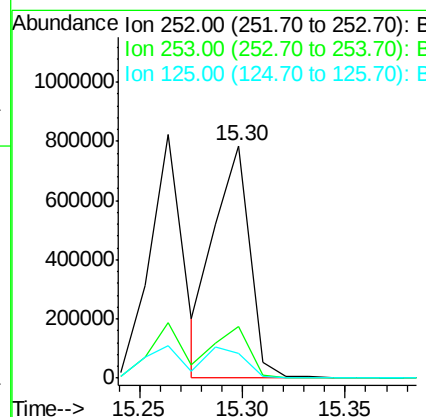
RT: 15.30 min Scan# 1134

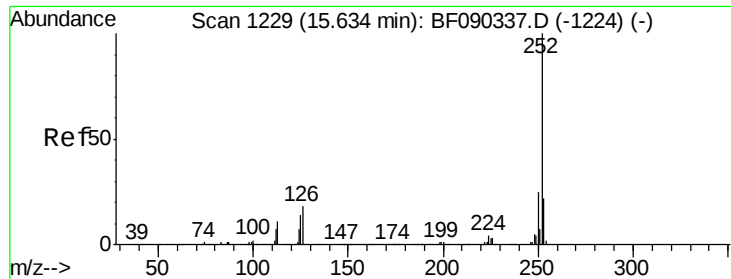
Delta R.T. 0.01 min

Lab File: BF090369.D

Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	10.5	11.7	17.5





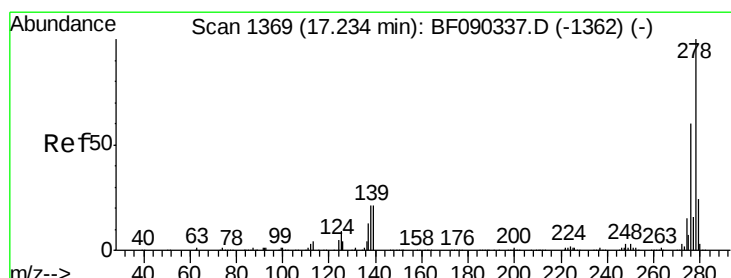
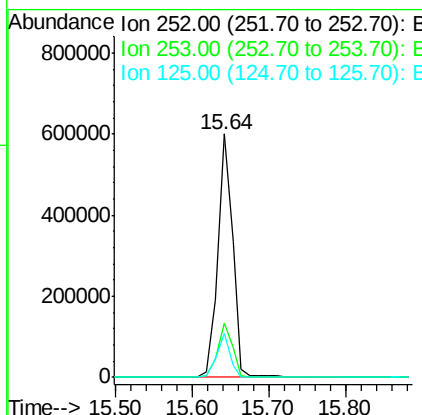
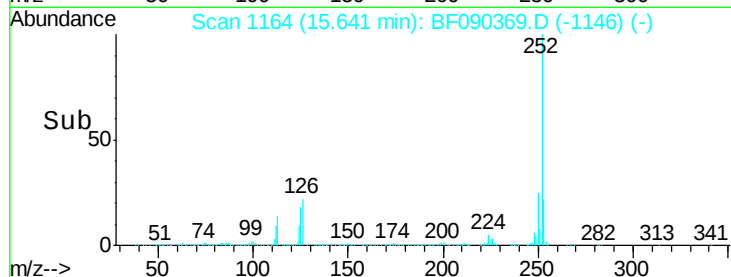
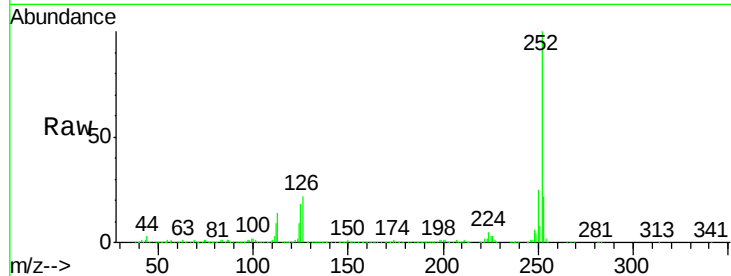
#89
 Benzo(a)pyrene
 Concen: 42.25 ng
 RT: 15.64 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	17.8	9.8	14.8

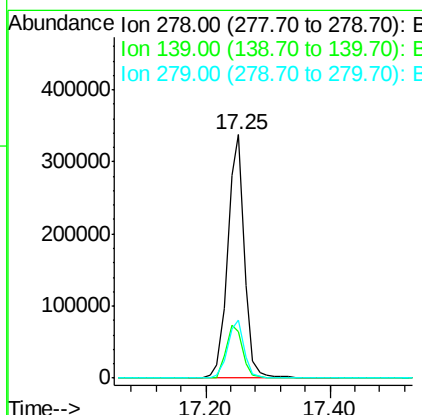
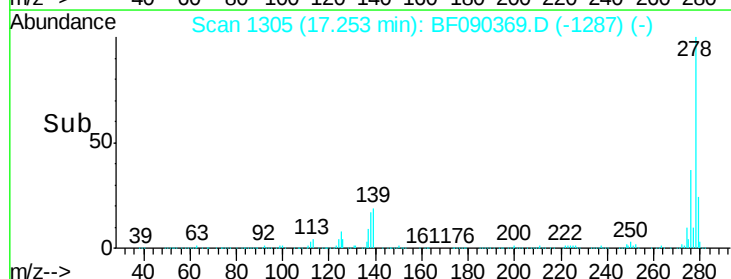
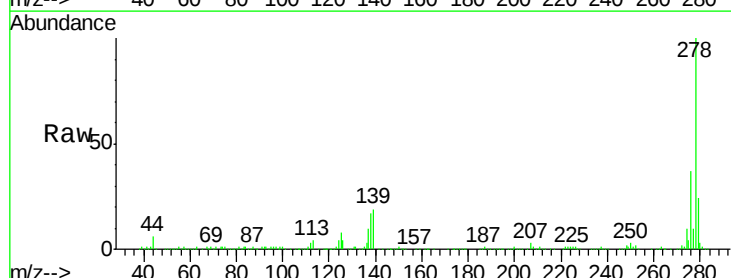
Manual Integrations
 APPROVED

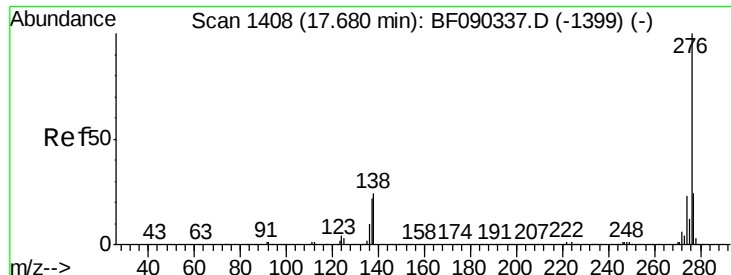
sohil
 10/5/2016 7:27:09 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 33.35 ng
 RT: 17.25 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.8	19.2
279	24.0	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 30.87 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF090369.D
 Acq: 5 Oct 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	276	Resp:	568852
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.4	29.0
138	30.5	20.8	31.2

Manual Integrations
 APPROVED

sohil
 10/5/2016 7:27:09 PM

