

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090601.D
 Acq On : 17 Oct 2016 11:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:27 PM

Quant Time: Oct 17 16:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	221247	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	938833	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	492595	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	797356	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	744632	20.00	ng	-0.01
86) Perylene-d12	15.54	264	544531	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1093699	90.62	ng	-0.02
7) Phenol-d6	6.54	99	1425361	79.48	ng	-0.01
23) Nitrobenzene-d5	7.48	82	1405587	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	392591	89.39	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	2145324	71.76	ng	-0.01
78) Terphenyl-d14	13.04	244	2407648	75.28	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	283470	41.21	ng	94
3) Pyridine	3.27	79	757749	49.15	ng	95
4) n-Nitrosodimethylamine	3.24	42	226126	42.03	ng	# 78
6) Aniline	6.58	93	855148	39.46	ng	# 86
8) 2-Chlorophenol	6.69	128	636754	40.69	ng	92
9) Benzaldehyde	6.45	77	390173	34.22	ng	96
10) Phenol	6.55	94	763697	37.24	ng	94
11) bis(2-Chloroethyl)ether	6.65	93	666684	39.40	ng	94
12) 1,3-Dichlorobenzene	6.85	146	643833	41.26	ng	96
13) 1,4-Dichlorobenzene	6.93	146	640949	37.76	ng	97
14) 1,2-Dichlorobenzene	7.08	146	654128	41.22	ng	99
15) Benzyl Alcohol	7.06	79	510091	41.76	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	829994	34.85	ng	97
17) 2-Methylphenol	7.17	107	491752	40.32	ng	96
18) Hexachloroethane	7.42	117	258849	38.59	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	460568	37.46	ng	# 83
20) 3+4-Methylphenols	7.32	107	577156	39.04	ng	# 89
22) Acetophenone	7.32	105	793535	38.26	ng	# 92
24) Nitrobenzene	7.49	77	693599	39.99	ng	98
25) Isophorone	7.73	82	1204220	39.15	ng	99
26) 2-Nitrophenol	7.81	139	350324	44.52	ng	88
27) 2,4-Dimethylphenol	7.86	122	510733	39.11	ng	96
28) bis(2-Chloroethoxy)methane	7.95	93	719005	39.59	ng	99
29) 2,4-Dichlorophenol	8.05	162	457779	40.03	ng	92
30) 1,2,4-Trichlorobenzene	8.14	180	532360	39.74	ng	98
31) Naphthalene	8.22	128	1795102	37.53	ng	100
32) Benzoic acid	7.97	122	246778	30.77	ng	97
33) 4-Chloroaniline	8.27	127	728141	39.84	ng	96
34) Hexachlorobutadiene	8.34	225	290213	38.78	ng	98
35) Caprolactam	8.65	113	148610m	46.56	ng	
36) 4-Chloro-3-methylphenol	8.75	107	517708	39.23	ng	95
37) 2-Methylnaphthalene	8.91	142	1078292	38.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	547993	41.96	ng	99
40) Hexachlorocyclopentadiene	9.07	237	236310	37.04	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090601.D
 Acq On : 17 Oct 2016 11:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

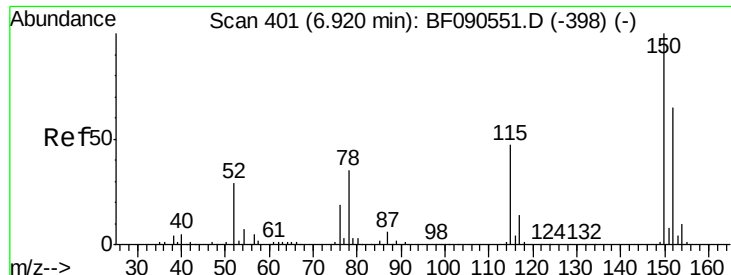
Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:27 PM

Quant Time: Oct 17 16:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	317150	43.05	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	355502	40.45	nq	93
45) 1,1'-Biphenyl	9.38	154	1484334	39.60	nq	99
46) 2-Chloronaphthalene	9.40	162	1086726	38.88	nq	98
47) 2-Nitroaniline	9.50	65	392187	38.71	nq	# 85
48) Acenaphthylene	9.81	152	1716440	38.57	nq	100
49) Dimethylphthalate	9.67	163	1189354	37.21	nq	100
50) 2,6-Dinitrotoluene	9.74	165	293934	42.03	nq	96
51) Acenaphthene	9.99	154	1144704	38.70	nq	100
52) 3-Nitroaniline	9.91	138	358468	40.85	nq	94
53) 2,4-Dinitrophenol	10.02	184	110680	32.76	nq	# 71
54) Dibenzofuran	10.17	168	1445163	37.14	nq	98
55) 4-Nitrophenol	10.07	139	204812	38.78	nq	# 83
56) 2,4-Dinitrotoluene	10.14	165	374956	39.47	nq	97
57) Fluorene	10.51	166	1212972	37.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	302663	41.35	nq	94
59) Diethylphthalate	10.38	149	1235762	38.12	nq	# 92
60) 4-Chlorophenyl-phenylether	10.50	204	605119	39.99	nq	98
61) 4-Nitroaniline	10.53	138	353196	40.14	nq	92
62) Azobenzene	10.66	77	1407899	37.55	nq	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	188080	38.98	nq	91
65) n-Nitrosodiphenylamine	10.61	169	987353	37.49	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	351330	41.06	nq	97
67) Hexachlorobenzene	11.06	284	397463	42.79	nq	# 65
68) Atrazine	11.15	200	307224	42.17	nq	90
69) Pentachlorophenol	11.25	266	179234	38.93	nq	99
70) Phenanthrene	11.47	178	1681092	39.50	nq	99
71) Anthracene	11.51	178	1752502	38.26	nq	100
72) Carbazole	11.67	167	1658180	40.44	nq	99
73) Di-n-butylphthalate	12.01	149	2019245	42.03	nq	99
74) Fluoranthene	12.66	202	1852421	43.27	nq	100
76) Benzidine	12.78	184	643257	34.72	nq	97
77) Pyrene	12.89	202	1880597	38.13	nq	99
79) Butylbenzylphthalate	13.50	149	876825	40.13	nq	96
80) Benzo(a)anthracene	14.08	228	1643636	38.77	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	626052	43.23	nq	99
82) Chrysene	14.11	228	1550710	37.97	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	1188812	40.33	nq	100
84) Di-n-octyl phthalate	14.68	149	1667406	42.19	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.99	276	1152392	48.80	nq	95
87) Benzo(b)fluoranthene	15.12	252	1470815	41.28	nq	97
88) Benzo(k)fluoranthene	15.15	252	1299056m	33.88	nq	
89) Benzo(a)pyrene	15.48	252	1257249	38.54	nq	97
90) Dibenzo(a,h)anthracene	17.01	278	1004728	40.39	nq	# 94
91) Benzo(g,h,i)perylene	17.42	276	940101	39.63	nq	97

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



#1

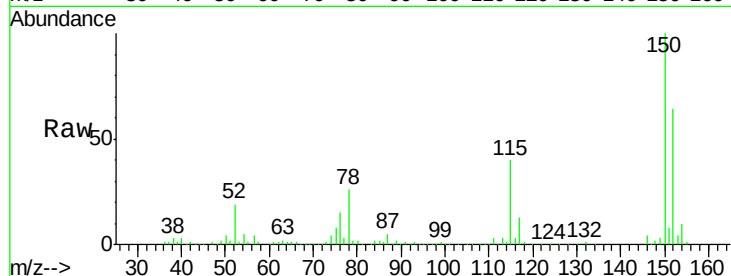
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

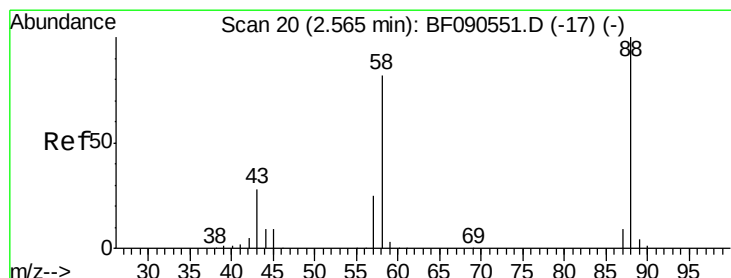
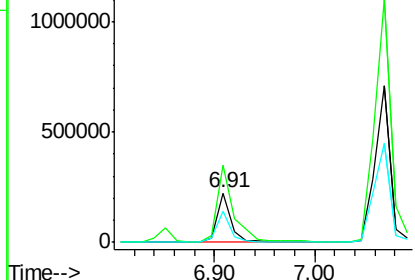
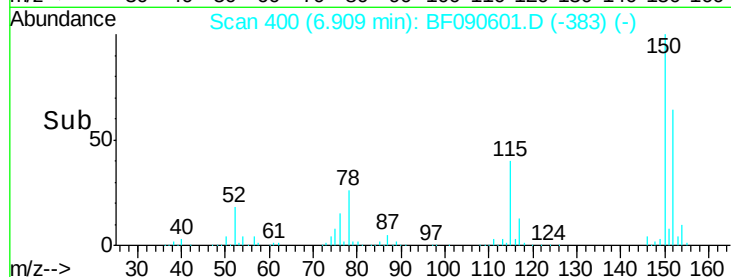
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.2	190.8
115	62.7	58.6	88.0

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



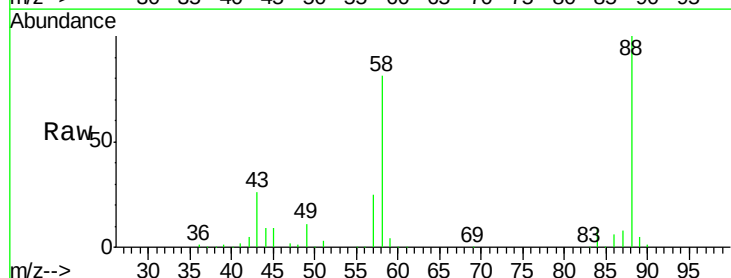
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



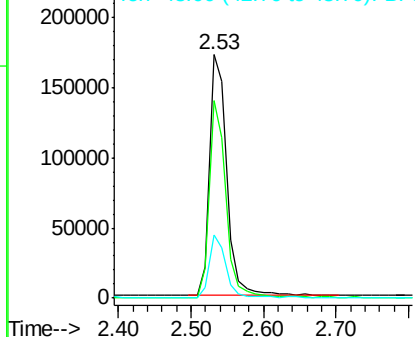
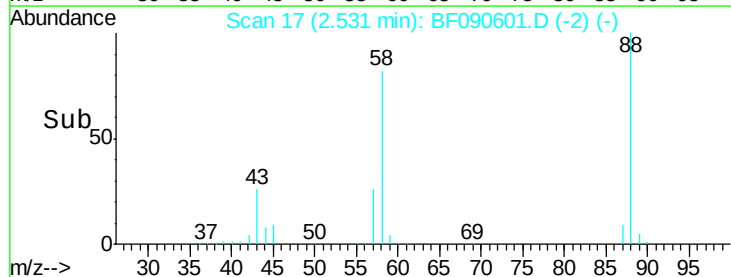
#2

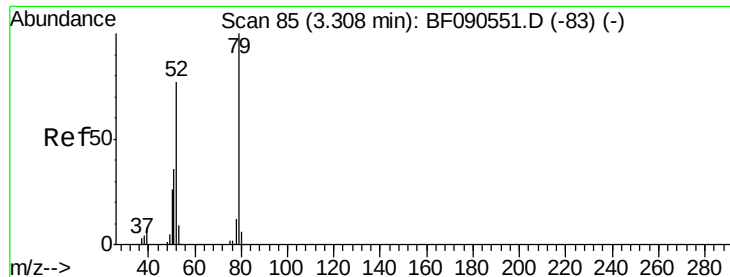
1,4-Dioxane
Concen: 41.21 ng
RT: 2.53 min Scan# 17
Delta R.T. -0.03 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	67.2	100.8
43	25.4	24.1	36.1



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





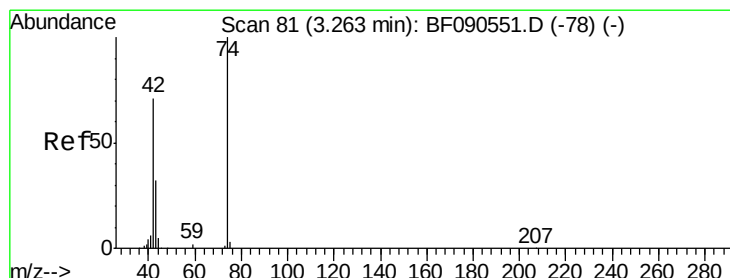
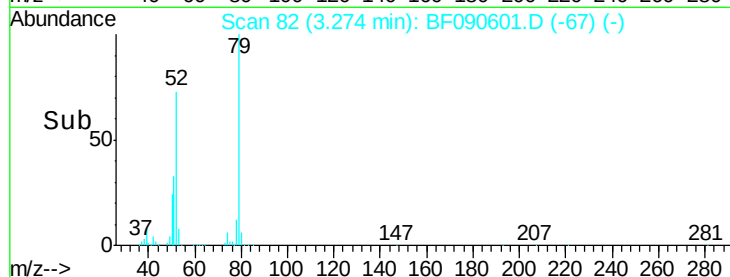
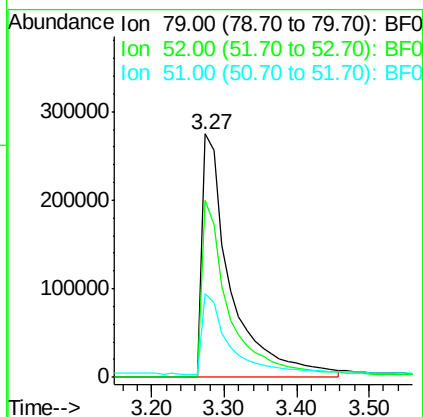
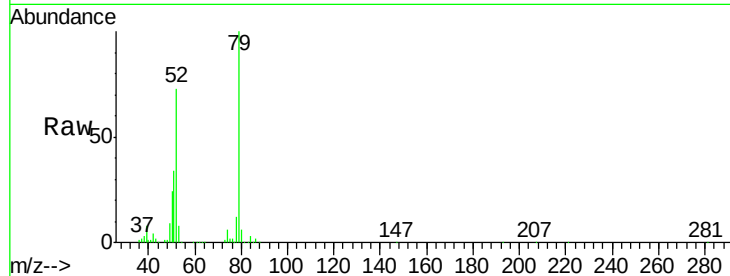
#3
 Pvridine
 Concen: 49.15 ng
 RT: 3.27 min Scan# 82
 Delta R.T. -0.03 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.7	61.8	92.8
51	34.4	29.2	43.8

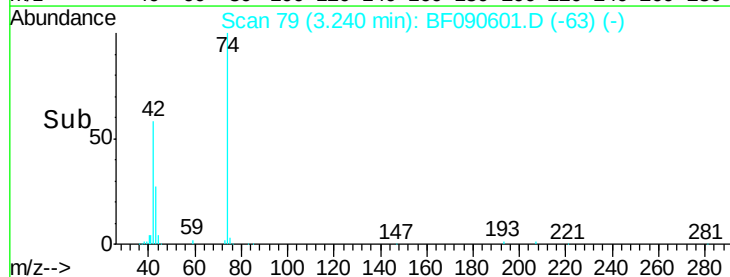
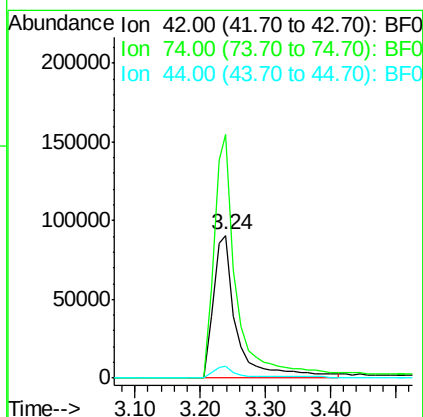
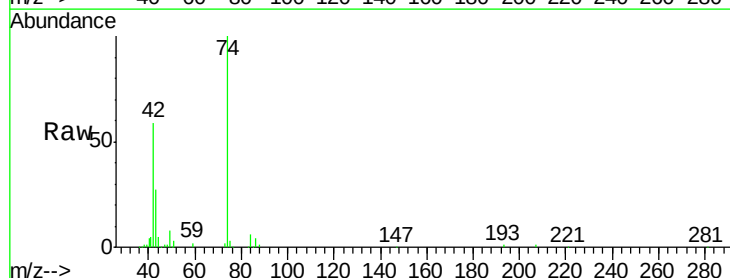
Manual Integrations
 APPROVED

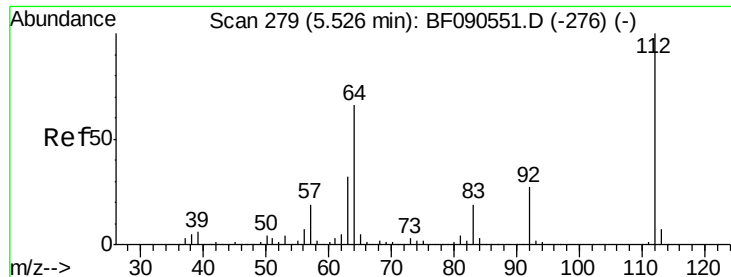
SOHIL
 10/18/2016 6:05:27 PM



#4
 n-Nitrosodimethylamine
 Concen: 42.03 ng
 RT: 3.24 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.4	113.3	169.9#
44	8.1	6.0	9.0





#5

2-Fluorophenol

Concen: 90.62 ng

RT: 5.50 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1093699

Ion Ratio Lower Upper

112 100

64 69.1 52.6 78.8

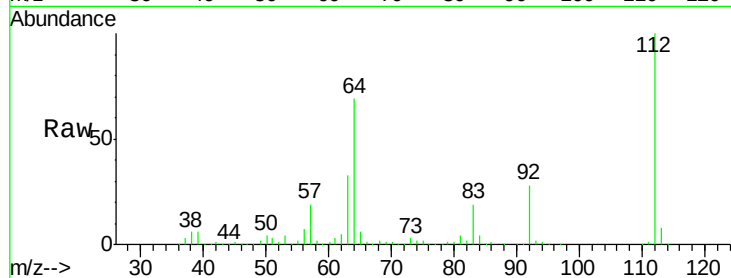
63 33.4 26.0 39.0

Manual Integrations

APPROVED

SOHIL

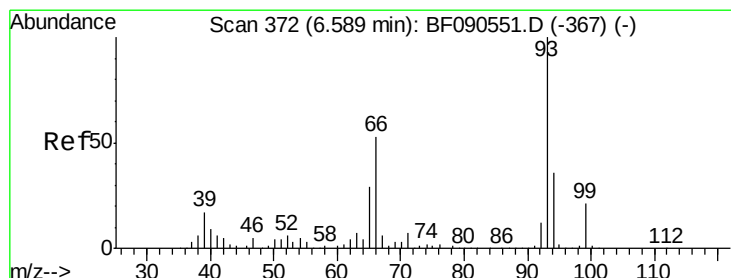
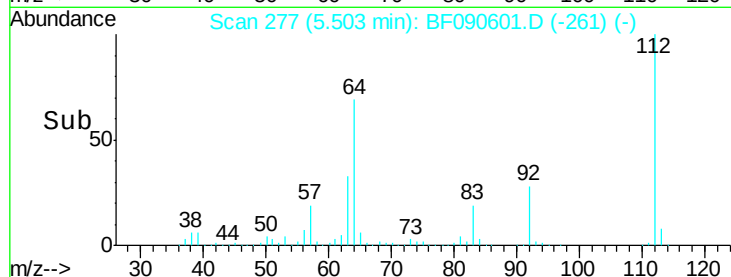
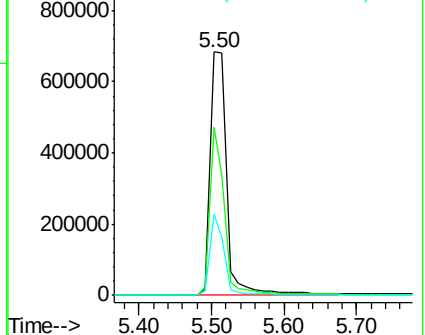
10/18/2016 6:05:27 PM



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.46 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

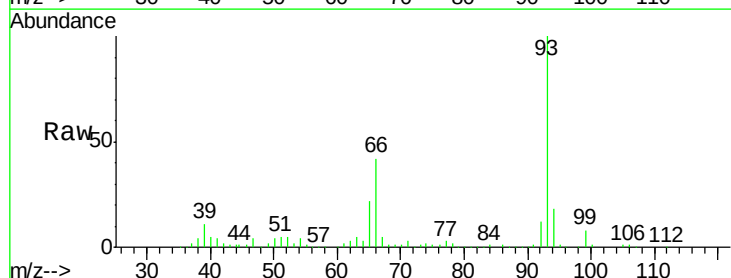
Tgt Ion: 93 Resp: 855148

Ion Ratio Lower Upper

93 100

66 42.2 42.2 63.2

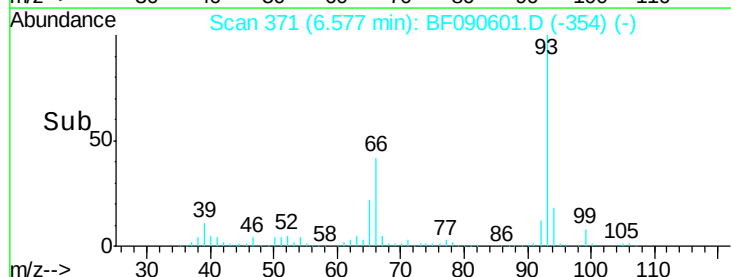
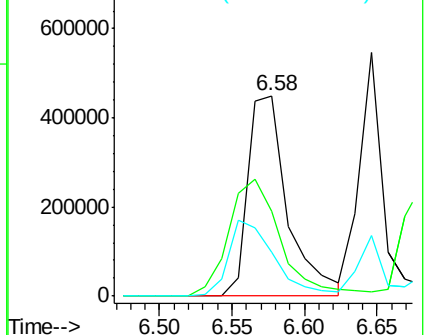
65 21.7 22.9 34.3#

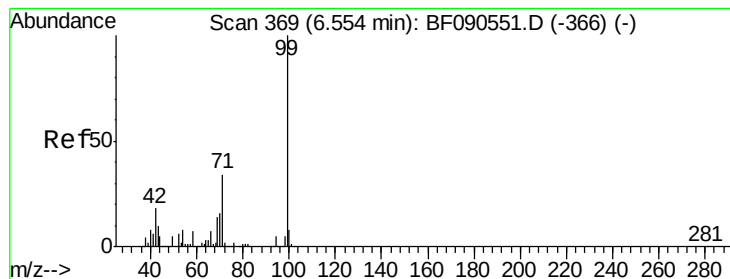


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.48 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1425361

Ion Ratio Lower Upper

99 100

42 15.2 14.7 22.1

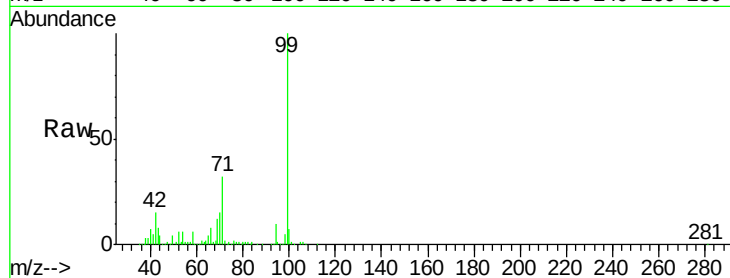
71 31.7 27.6 41.4

Manual Integrations

APPROVED

SOHIL

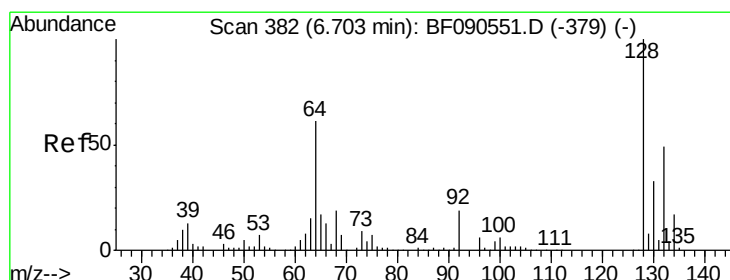
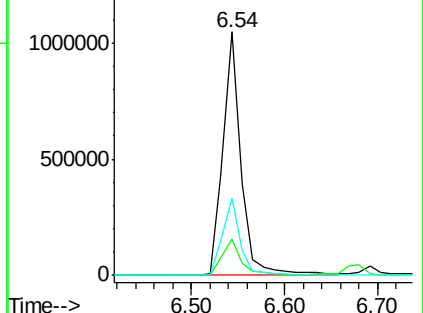
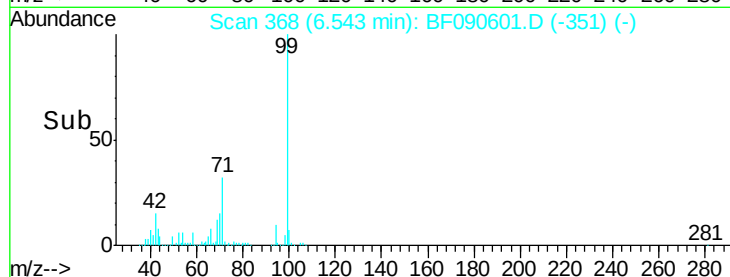
10/18/2016 6:05:27 PM



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: 40.69 ng

RT: 6.69 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

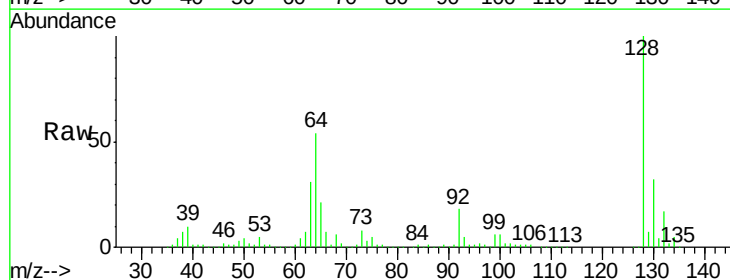
Tgt Ion: 128 Resp: 636754

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

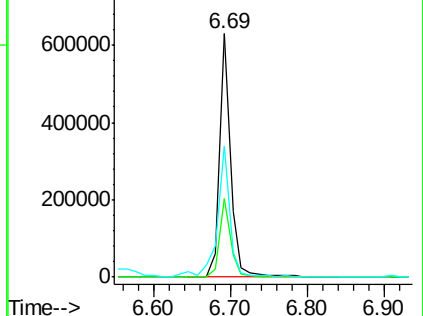
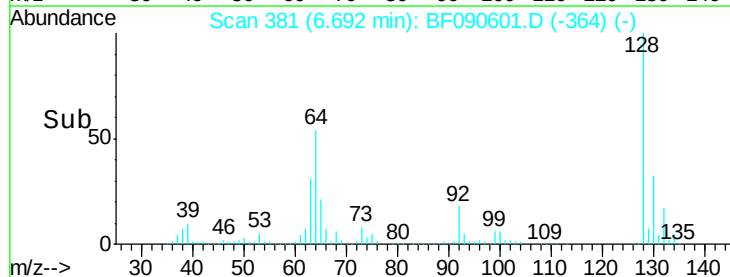
64 53.8 42.6 82.6

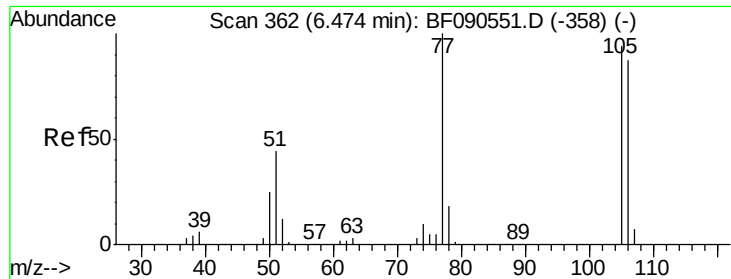


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.22 ng

RT: 6.45 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

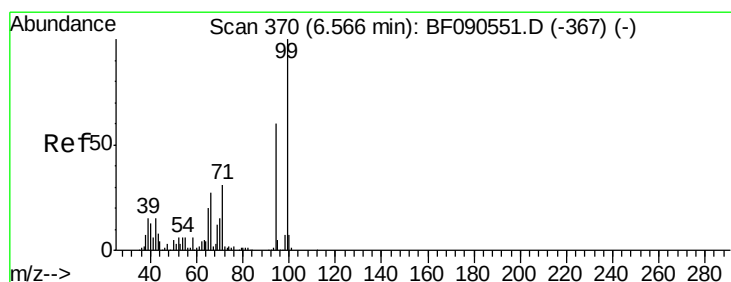
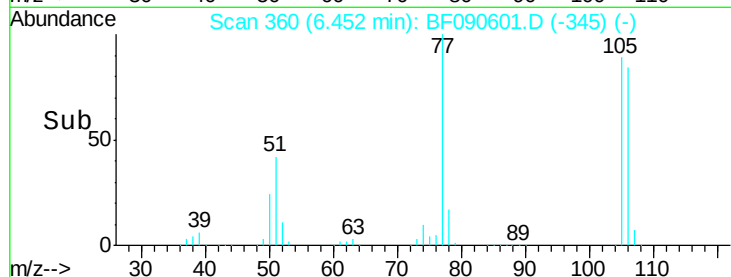
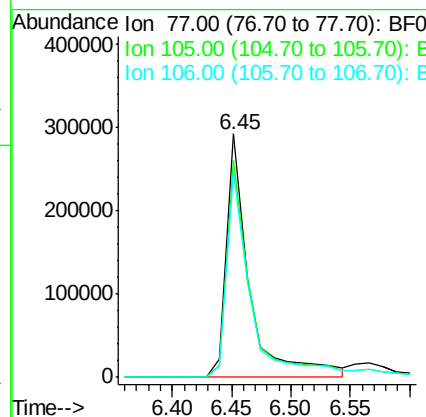
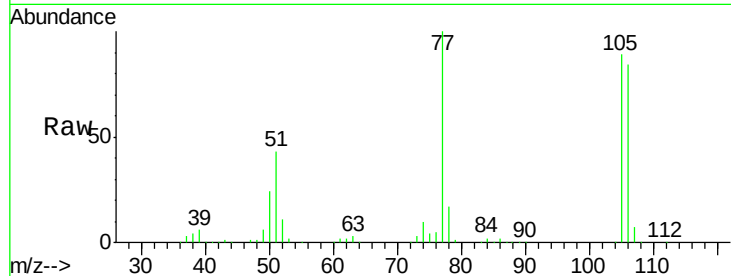
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	390173
Ion	Ratio	Lower	Upper
77	100		
105	89.0	74.3	114.3
106	84.3	67.2	107.2

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#10

Phenol

Concen: 37.24 ng

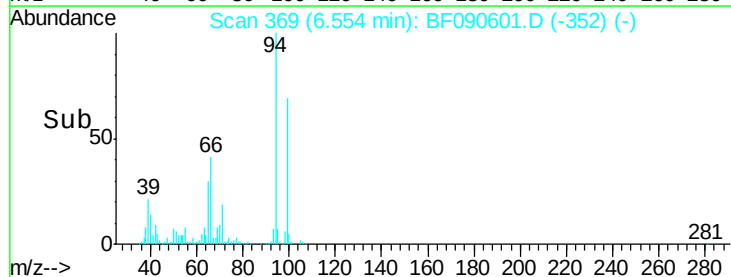
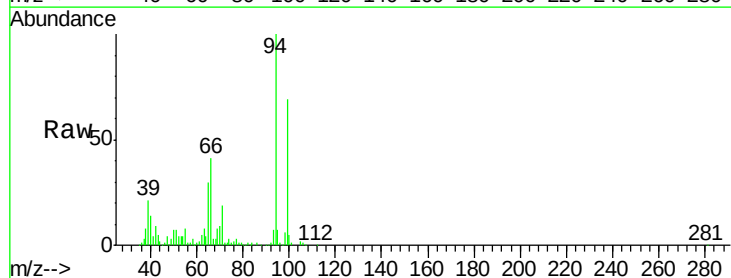
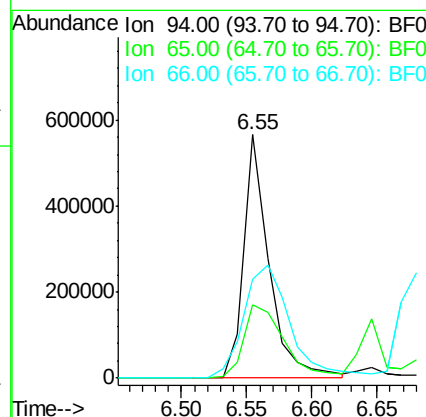
RT: 6.55 min Scan# 369

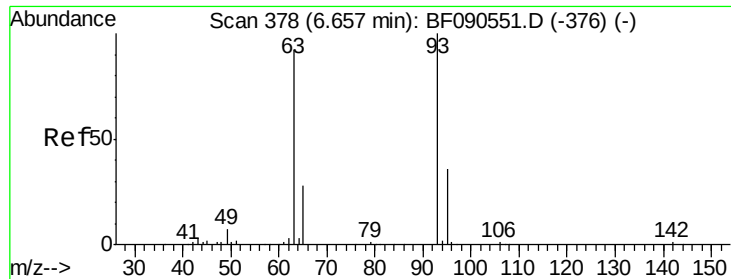
Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion:	94	Resp:	763697
Ion	Ratio	Lower	Upper
94	100		
65	30.1	12.5	52.5
66	40.8	25.5	65.5





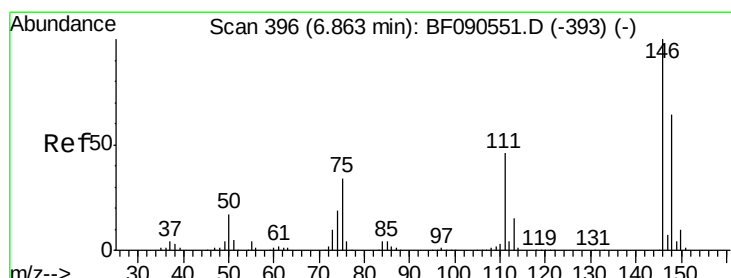
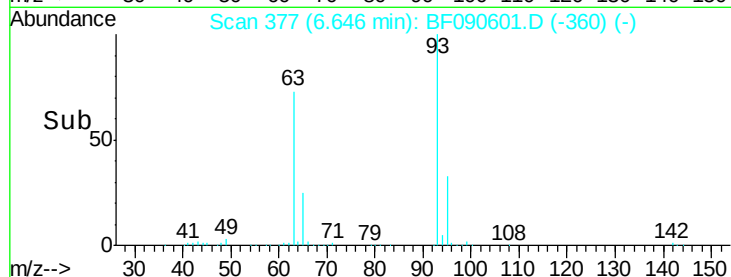
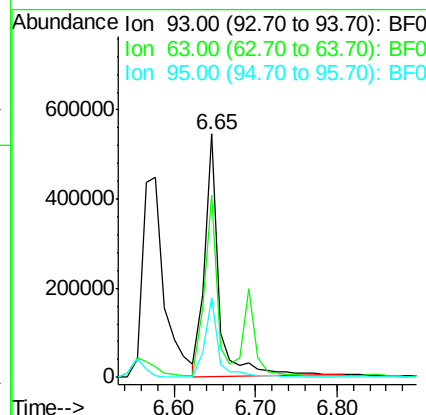
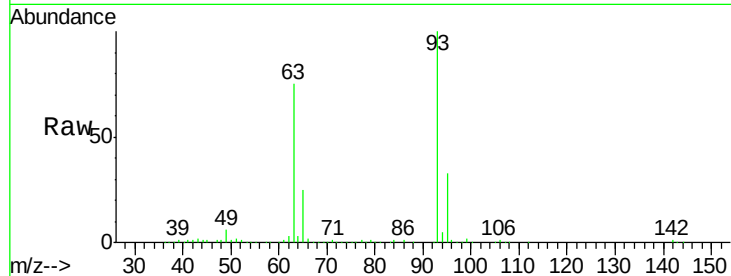
#11
bis(2-Chloroethyl)ether
Concen: 39.40 ng
RT: 6.65 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	61.6	101.6
95	32.7	11.8	51.8

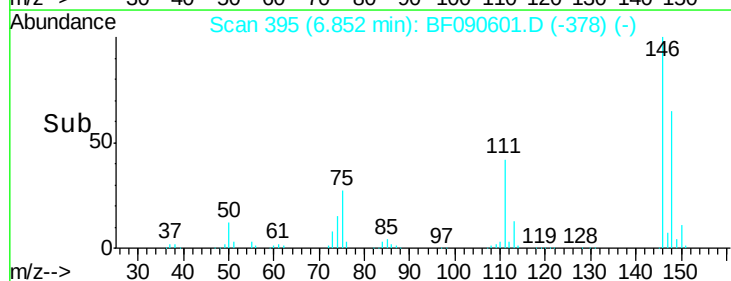
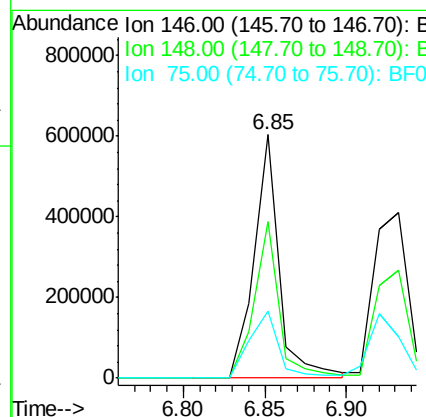
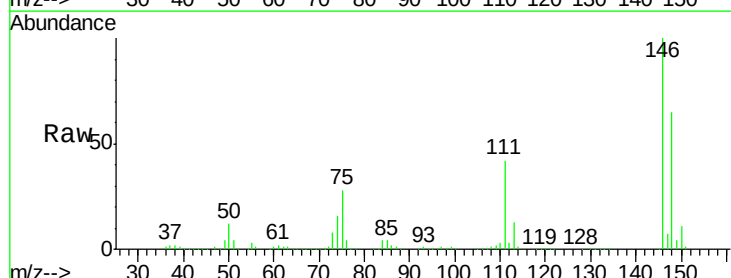
Manual Integrations
APPROVED

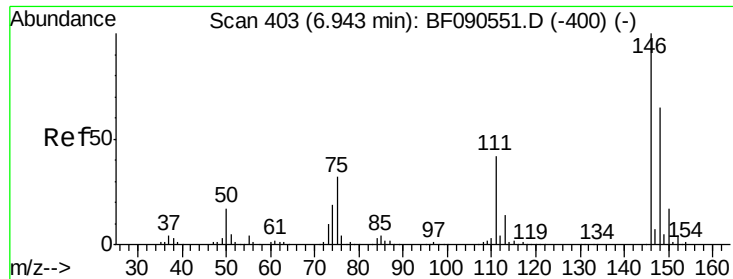
SOHIL
10/18/2016 6:05:27 PM



#12
1,3-Dichlorobenzene
Concen: 41.26 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
75	27.6	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 37.76 ng

RT: 6.93 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

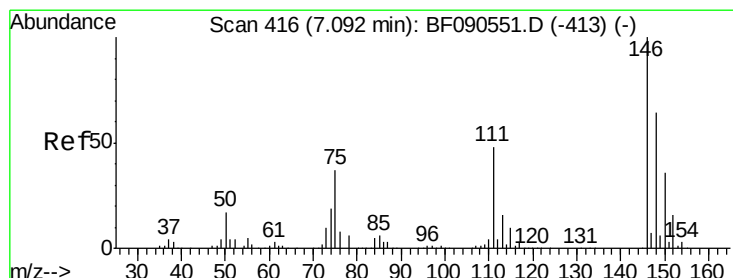
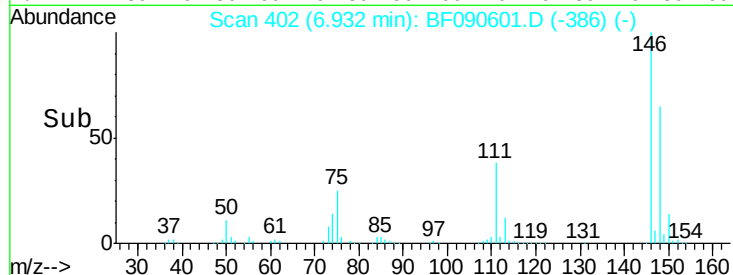
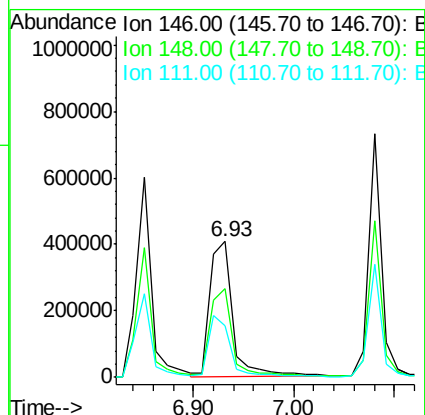
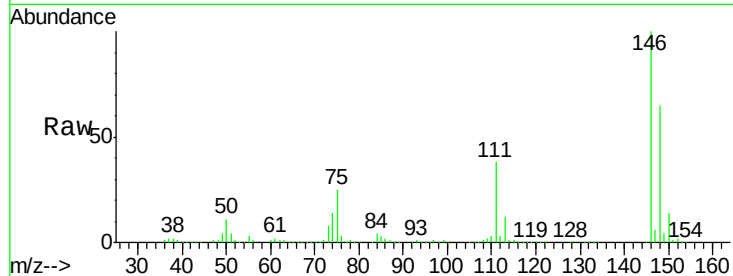
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	640949
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
111	37.9	33.7	50.5

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#14

1,2-Dichlorobenzene

Concen: 41.22 ng

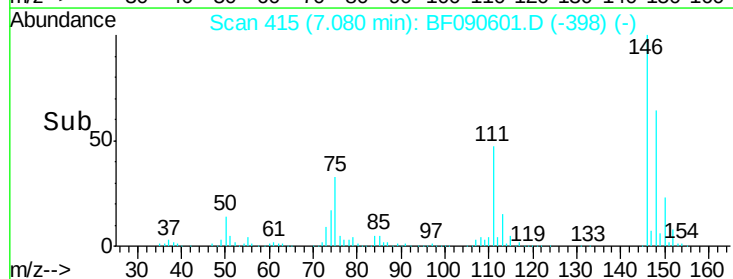
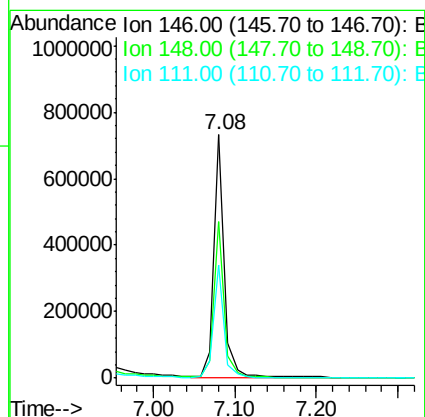
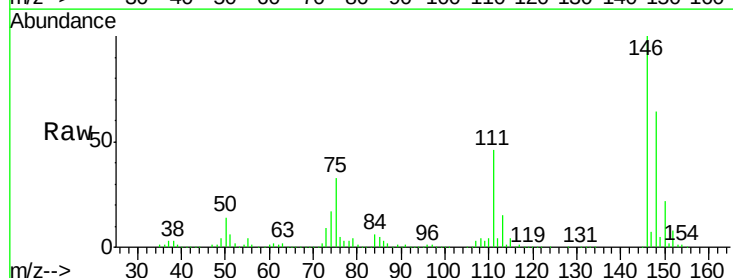
RT: 7.08 min Scan# 415

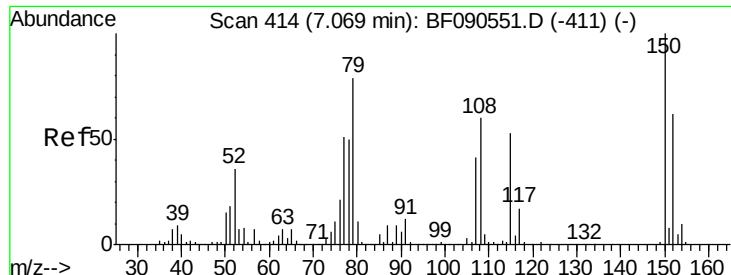
Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion:	146	Resp:	654128
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.2	76.8
111	46.4	38.2	57.2





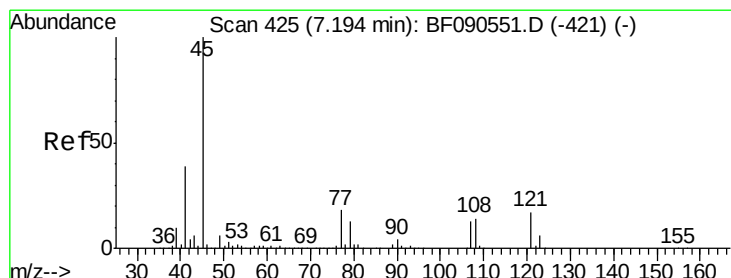
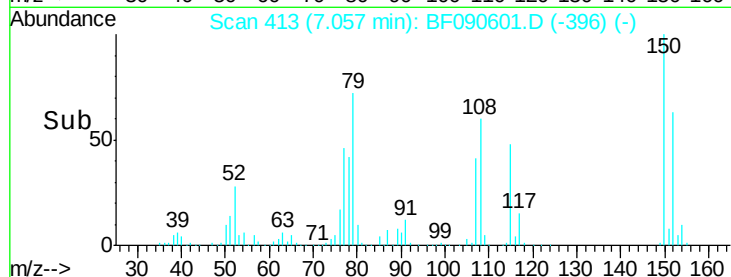
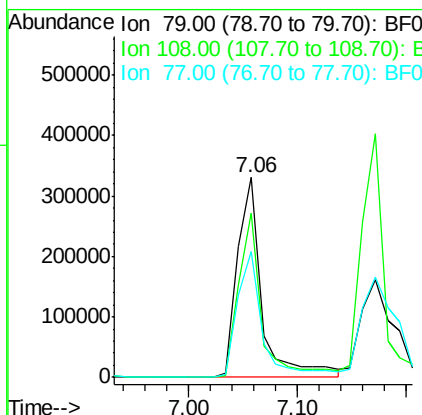
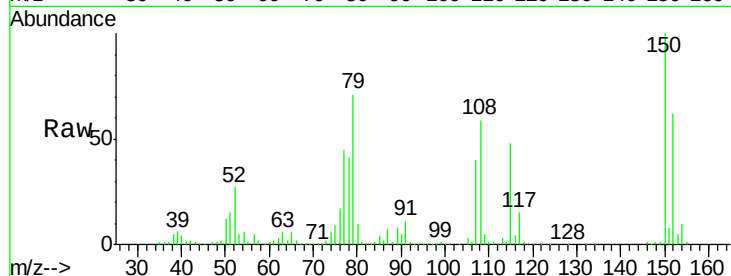
#15
Benzyl Alcohol
Concen: 41.76 ng
RT: 7.06 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	60.2	90.4
77	63.4	52.0	78.0

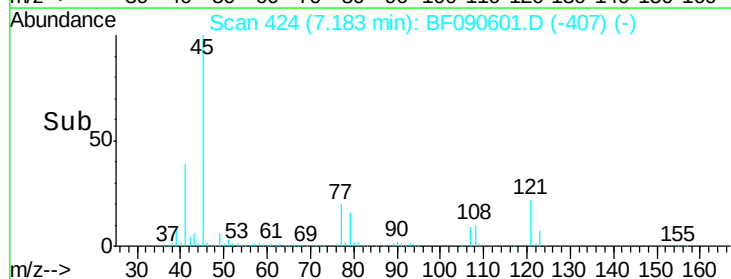
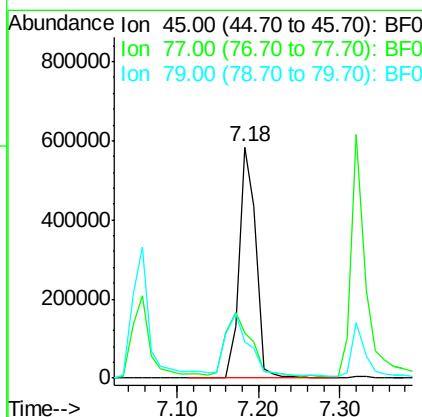
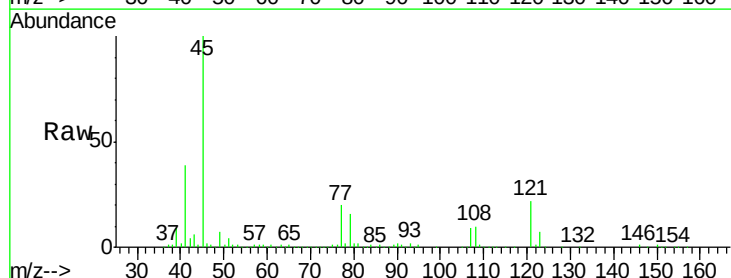
Manual Integrations
APPROVED

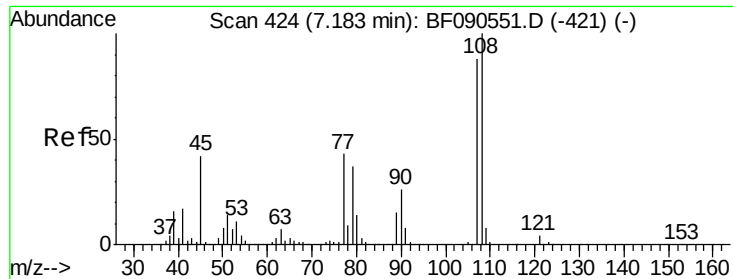
SOHIL
10/18/2016 6:05:27 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.85 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.9	40.9
79	15.9	0.0	37.3





#17

2-Methylphenol

Concen: 40.32 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

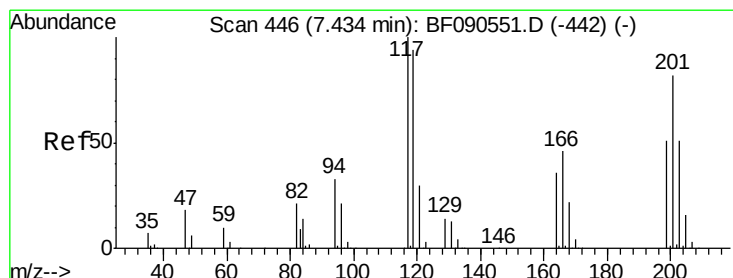
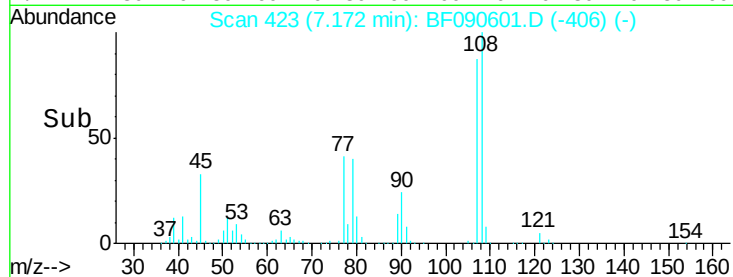
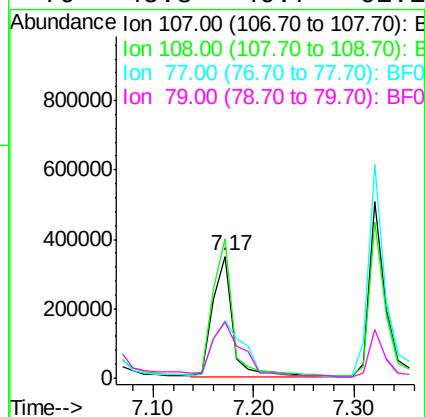
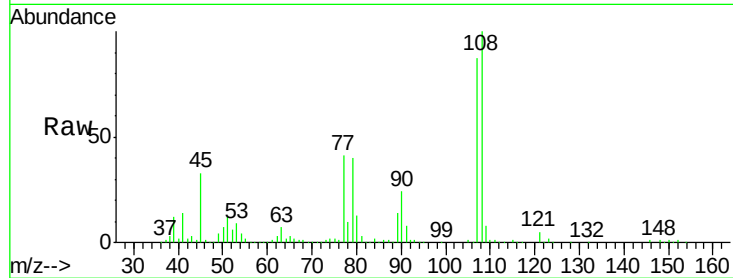
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	491752
Ion Ratio	Lower	Upper	
107	100		
108	114.4	92.6	138.8
77	47.2	42.2	63.2
79	45.8	40.7	61.1

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#18

Hexachloroethane

Concen: 38.59 ng

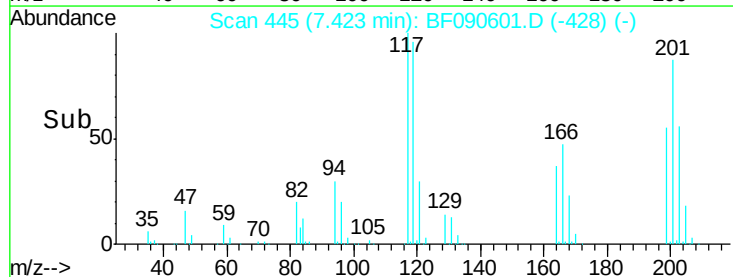
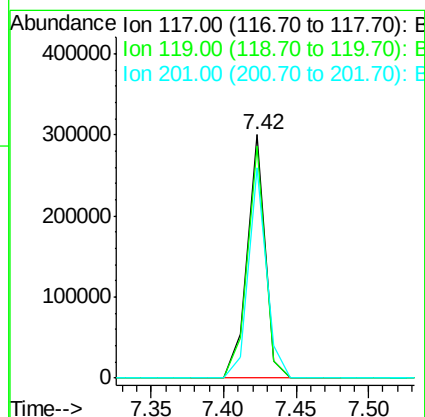
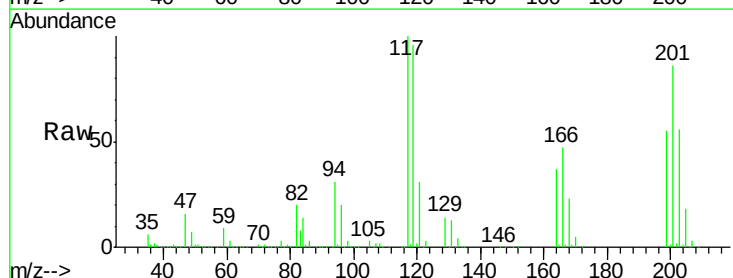
RT: 7.42 min Scan# 445

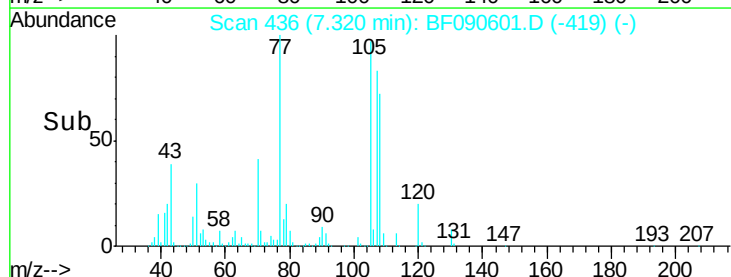
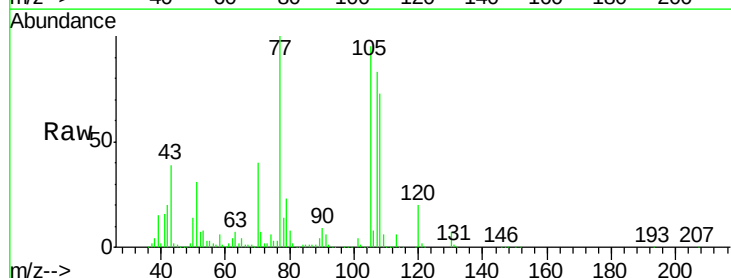
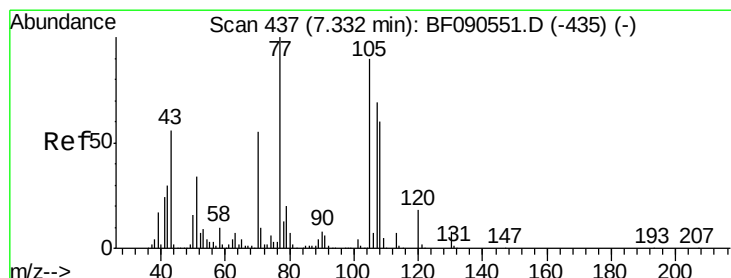
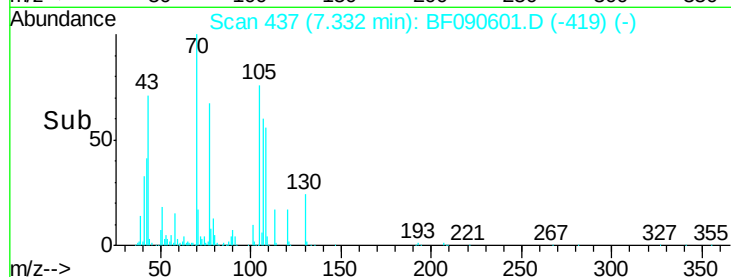
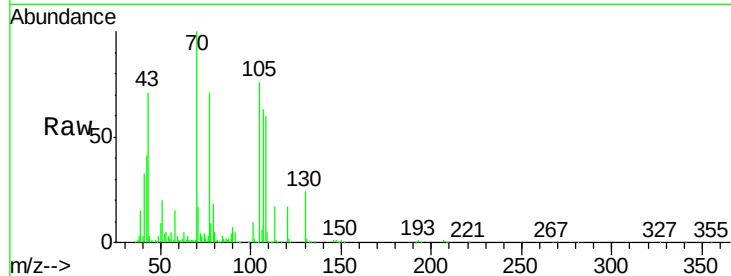
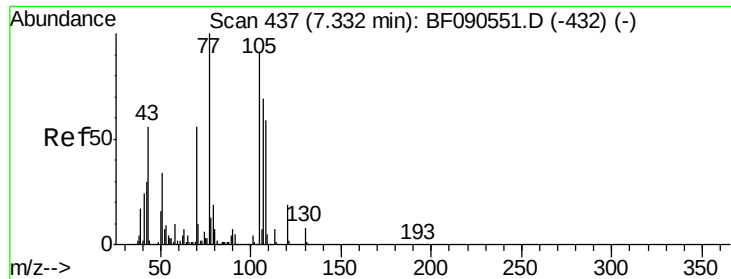
Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion:	117	Resp:	258849
Ion Ratio	Lower	Upper	
117	100		
119	95.5	75.6	113.4
201	86.4	65.4	98.0





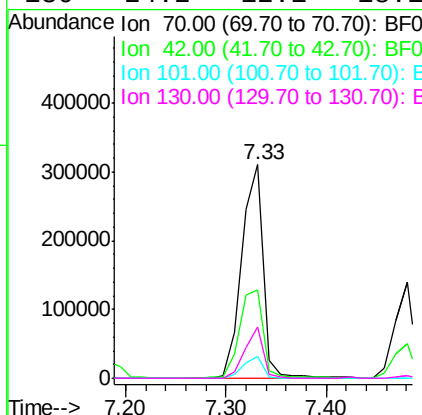
#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.4	43.4	65.0#	
101	10.1	6.4	9.6#	
130	24.2	12.1	18.1#	

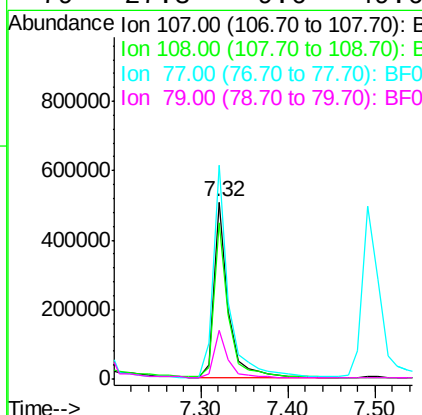
Manual Integrations
APPROVED

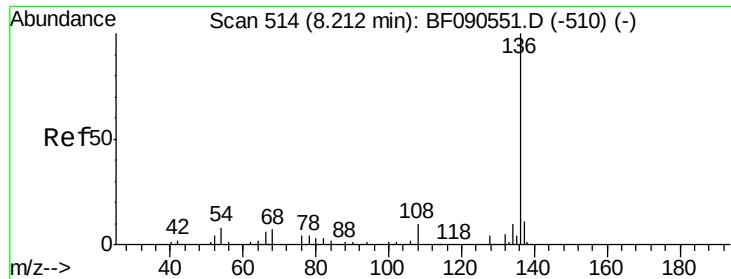
SOHIL
10/18/2016 6:05:27 PM



#20
3+4-Methylphenols
Concen: 39.04 ng
RT: 7.32 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	67.7	107.7	
77	120.7	123.1	163.1#	
79	27.3	9.6	49.6	





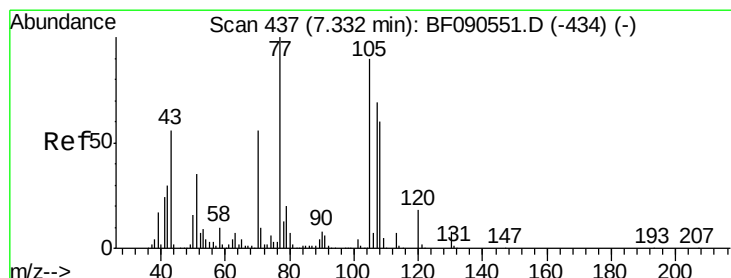
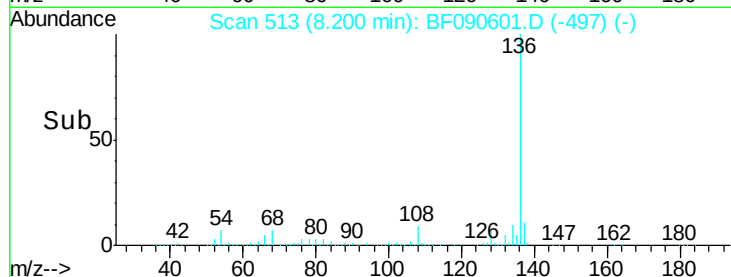
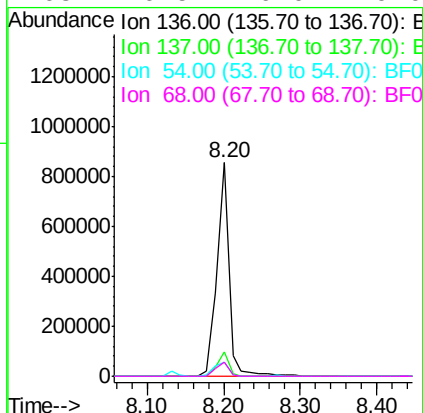
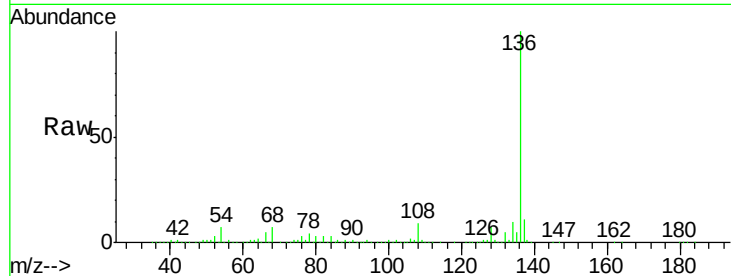
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		938833		
137	11.3		8.8	13.2	
54	6.8		6.8	10.2	
68	6.5		6.0	9.0	

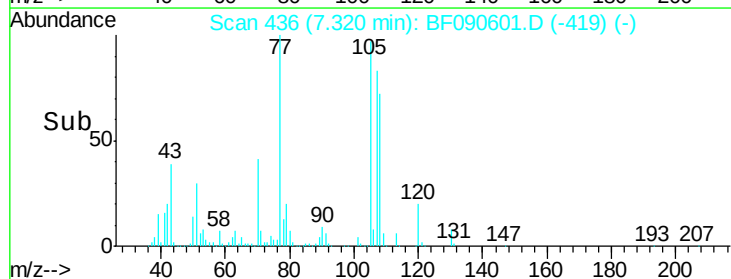
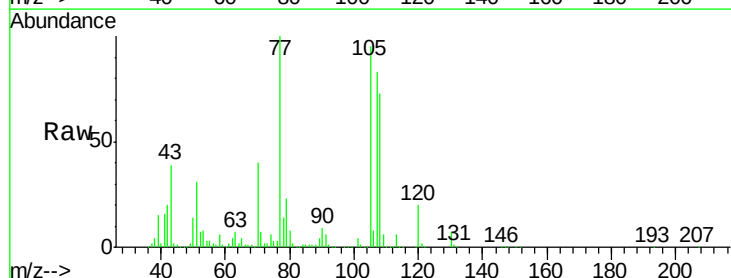
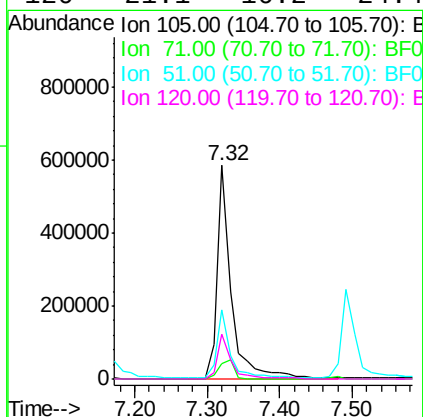
Manual Integrations
APPROVED

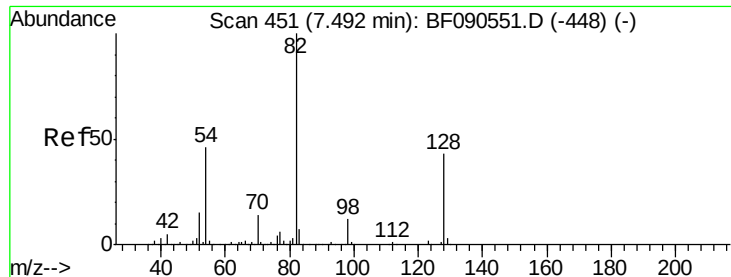
SOHIL
10/18/2016 6:05:27 PM



#22
Acetophenone
Concen: 38.26 ng
RT: 7.32 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		793535		
71	7.4		8.5	12.7	
51	32.5		31.0	46.4	
120	21.1		16.2	24.4	





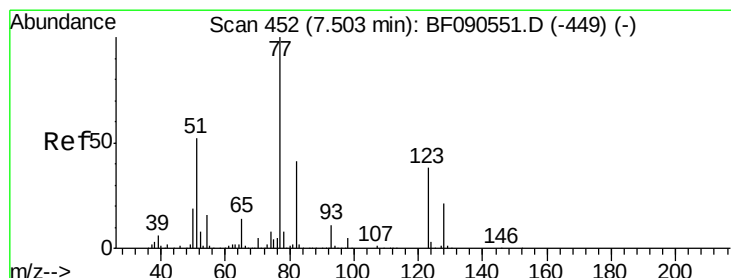
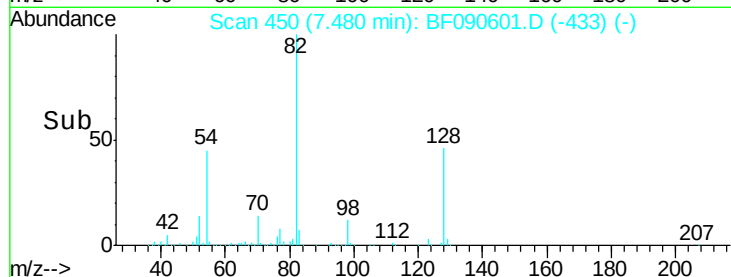
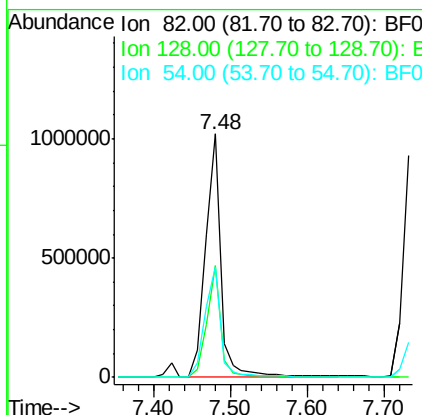
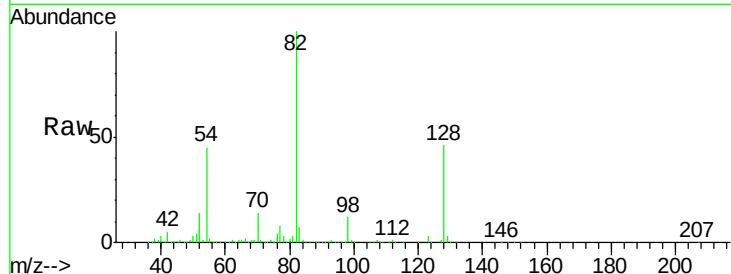
#23
 Nitrobenzene-d5
 Concen: 83.17 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.3	51.5
54	45.2	37.0	55.6

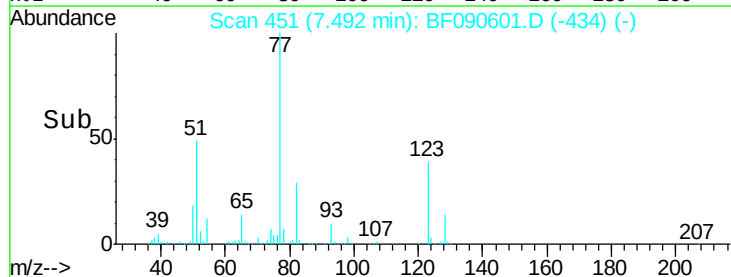
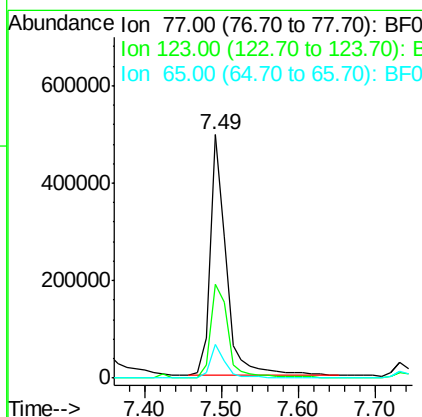
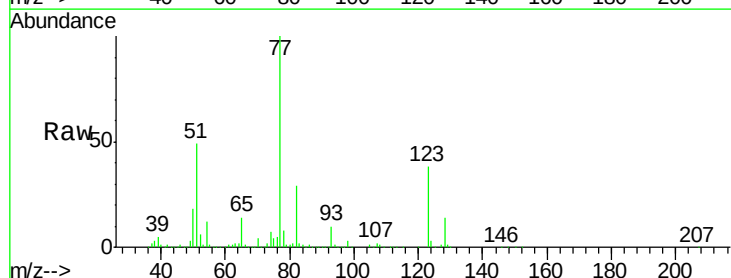
Manual Integrations
 APPROVED

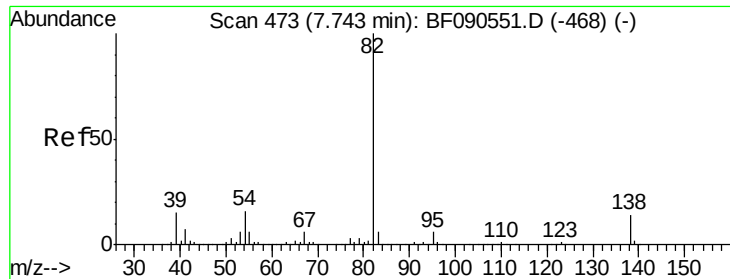
SOHIL
 10/18/2016 6:05:27 PM



#24
 Nitrobenzene
 Concen: 39.99 ng
 RT: 7.49 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	29.8	44.6
65	13.8	10.9	16.3





#25

Isophorone

Concen: 39.15 ng

RT: 7.73 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1204220

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.6

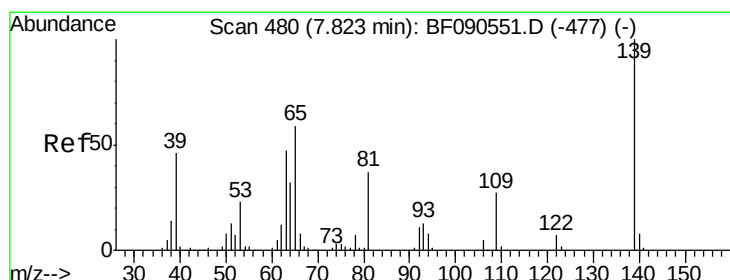
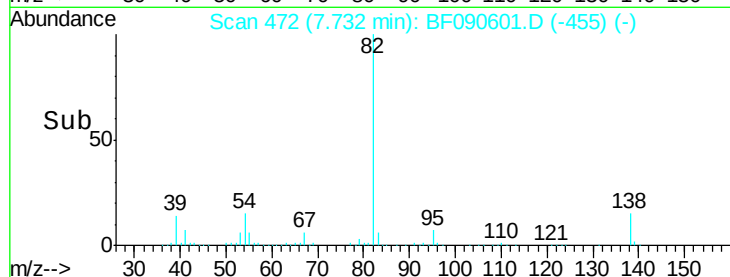
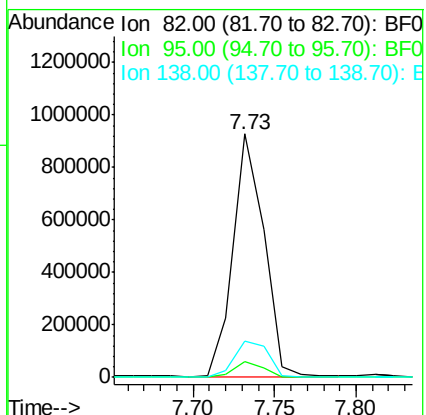
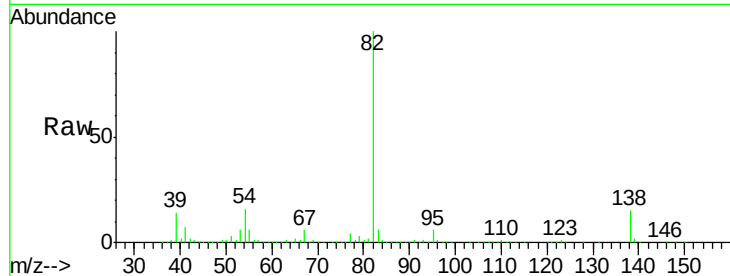
138 15.1 11.5 17.3

Manual Integrations

APPROVED

SOHIL

10/18/2016 6:05:27 PM



#26

2-Nitrophenol

Concen: 44.52 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

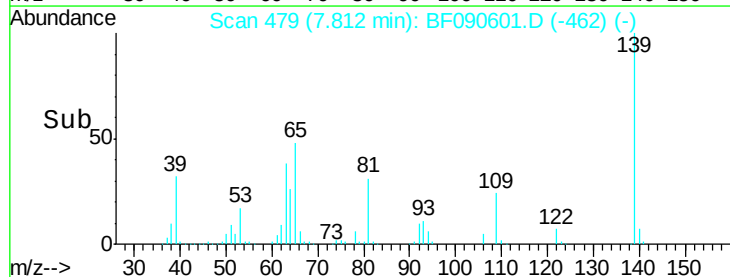
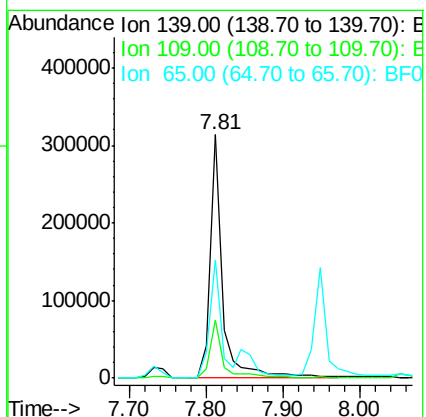
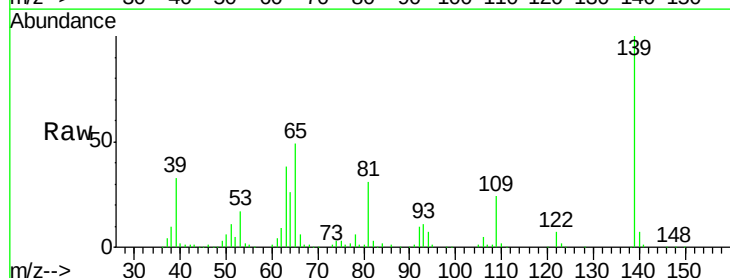
Tgt Ion: 139 Resp: 350324

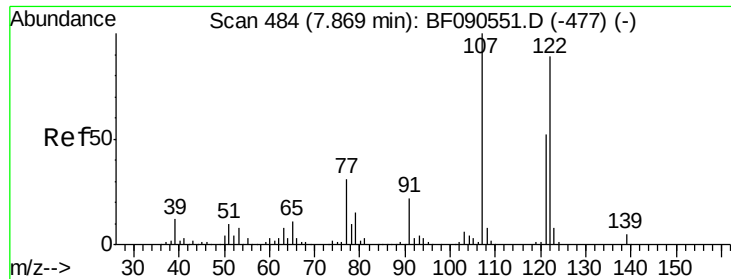
Ion Ratio Lower Upper

139 100

109 23.9 21.8 32.6

65 48.5 47.7 71.5





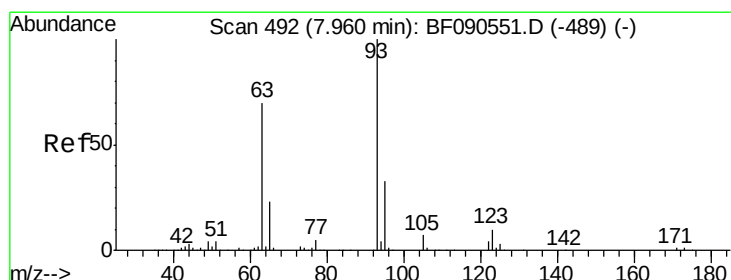
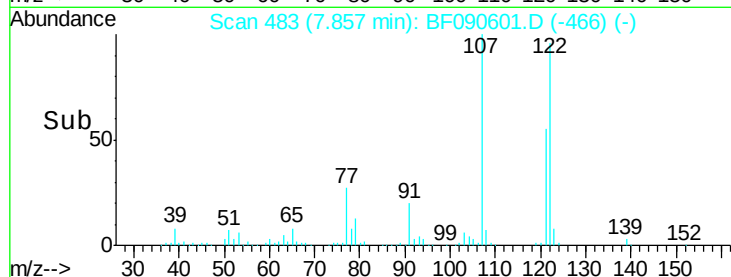
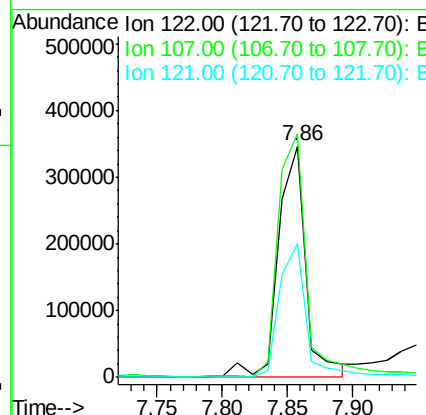
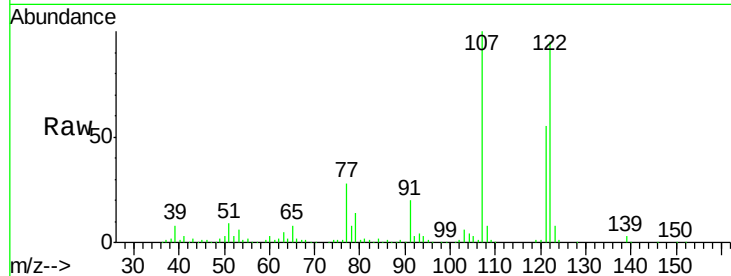
#27
2,4-Dimethylphenol
Concen: 39.11 ng
RT: 7.86 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.4	89.8	134.6
121	57.5	46.1	69.1

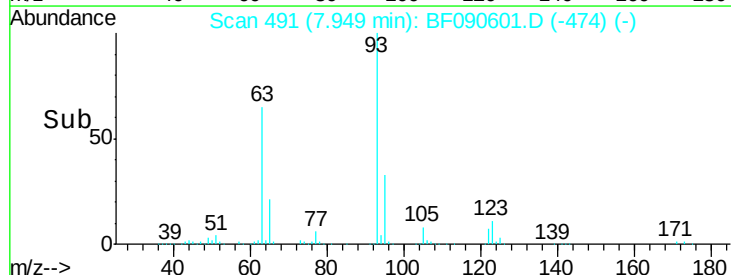
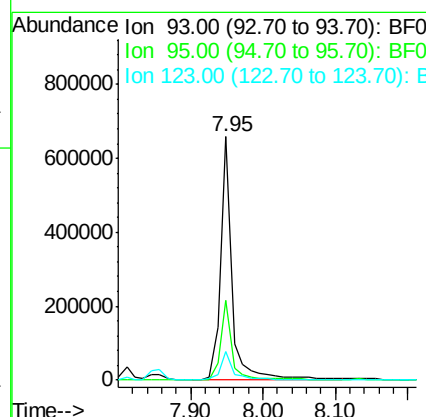
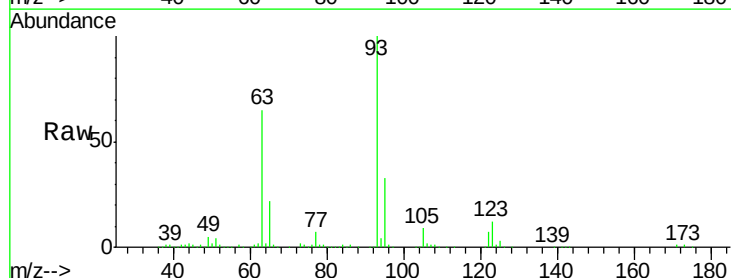
Manual Integrations
APPROVED

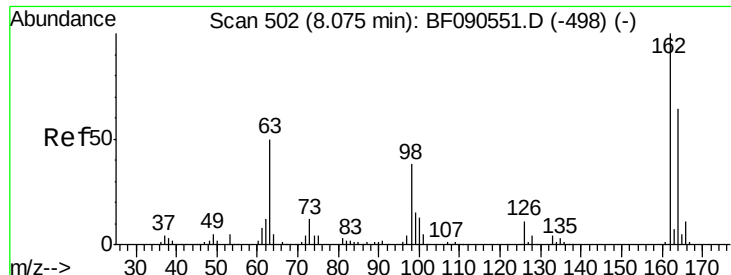
SOHIL
10/18/2016 6:05:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.59 ng
RT: 7.95 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.6	8.6	13.0





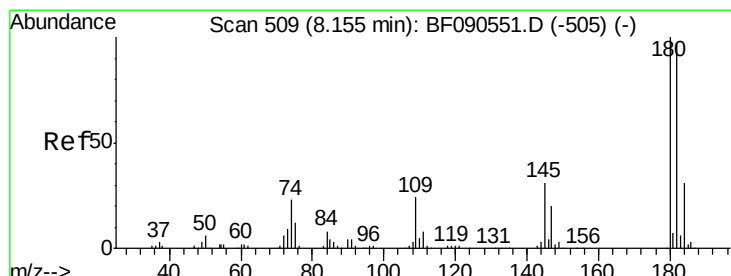
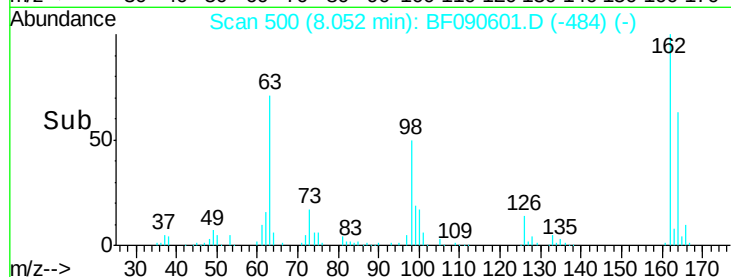
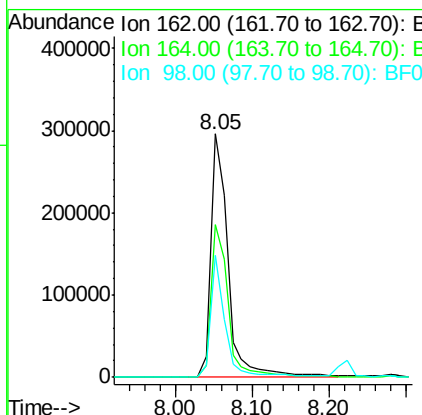
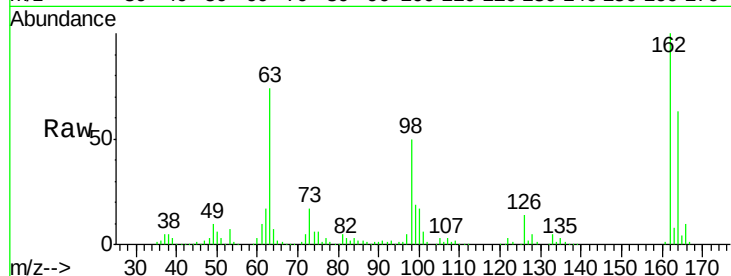
#29
 2,4-Dichlorophenol
 Concen: 40.03 ng
 RT: 8.05 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	457779		
164	63.0		44.0	84.0
98	50.0		18.0	58.0

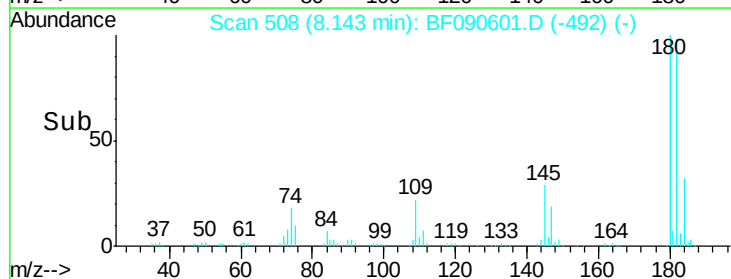
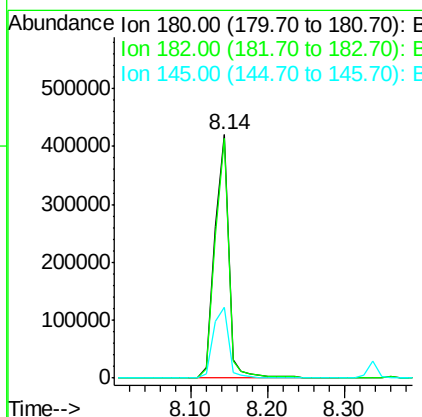
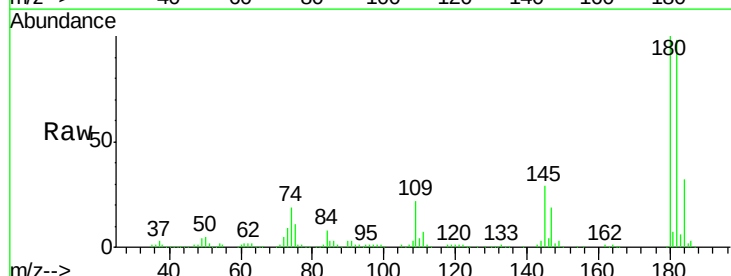
Manual Integrations
 APPROVED

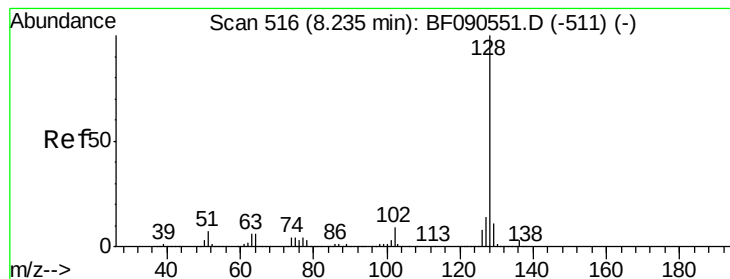
SOHIL
 10/18/2016 6:05:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	532360		
182	98.3		77.2	115.8
145	29.3		24.4	36.6





#31

Naphthalene

Concen: 37.53 ng

RT: 8.22 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1795102

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

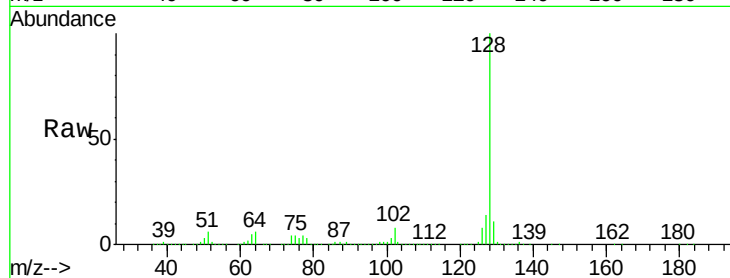
127 13.5 10.8 16.2

Manual Integrations

APPROVED

SOHIL

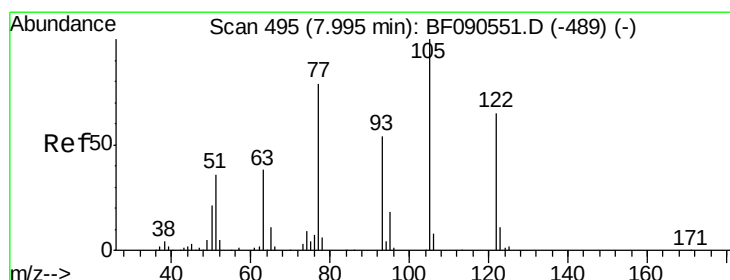
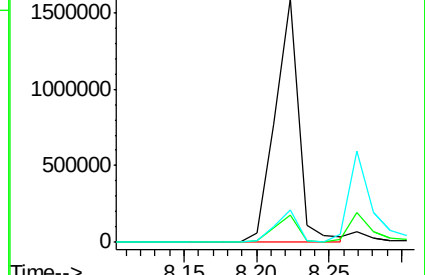
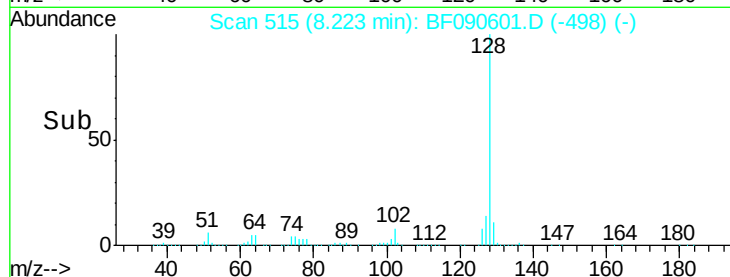
10/18/2016 6:05:27 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.77 ng

RT: 7.97 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

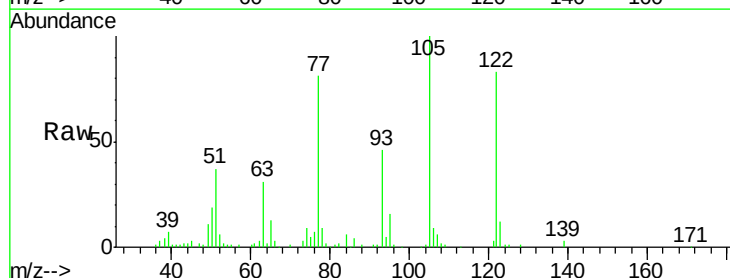
Tgt Ion:122 Resp: 246778

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

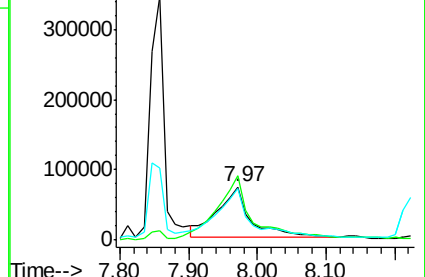
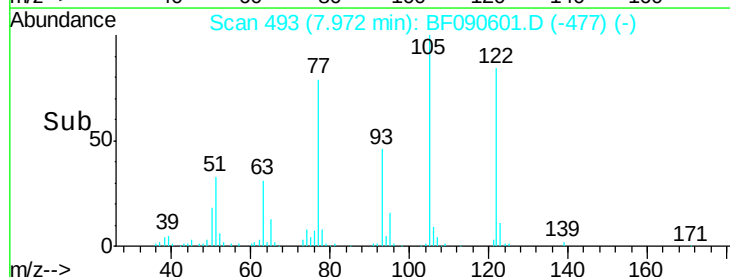
77 98.0 84.7 124.7

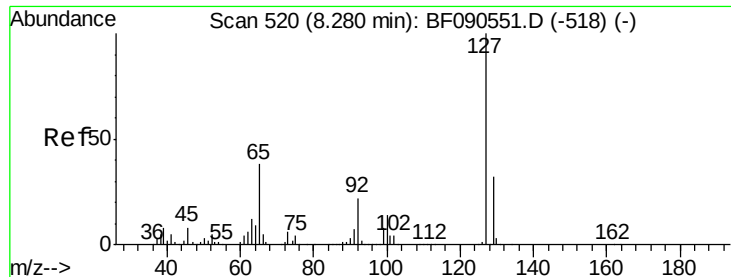


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





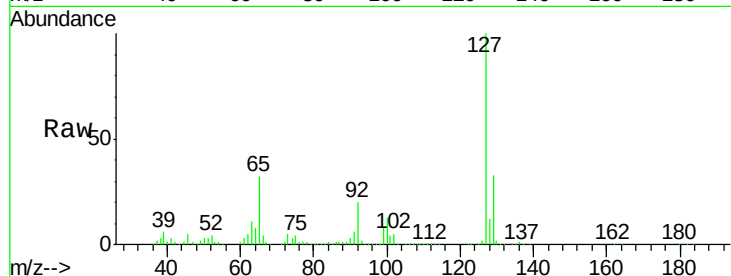
#33
4-Chloroaniline
Concen: 39.84 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

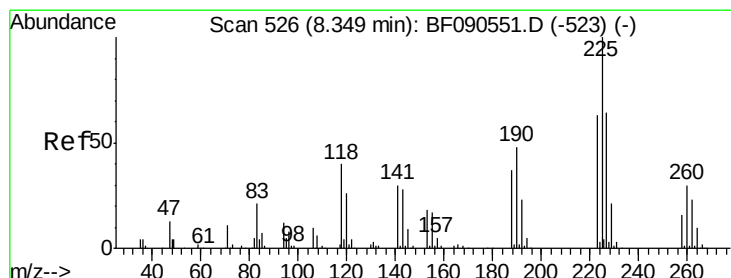
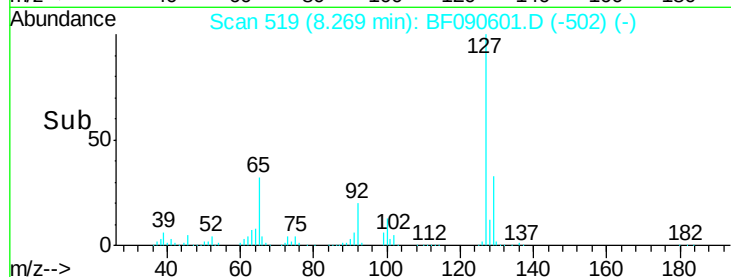
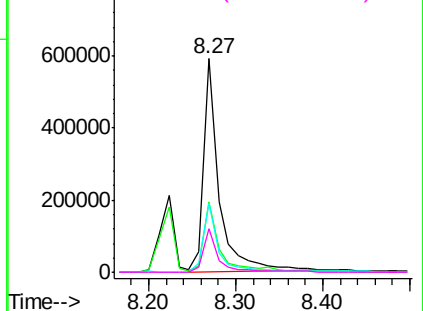
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		728141		
129	33.3	26.2	39.2		
65	32.4	30.1	45.1		
92	20.4	17.2	25.8		

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM

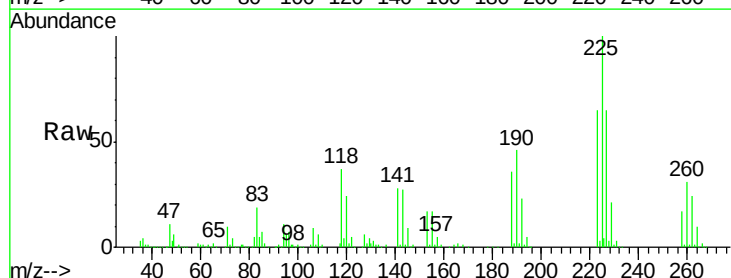


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

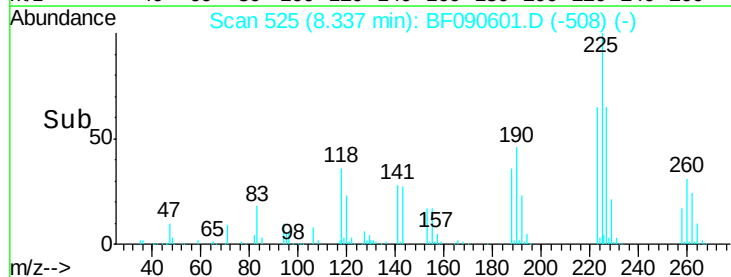
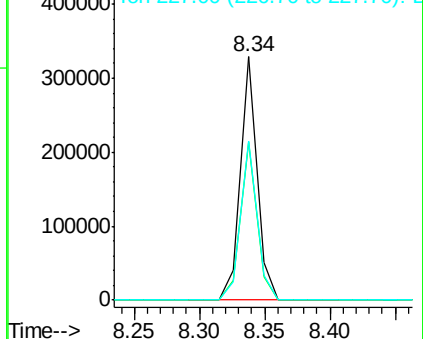


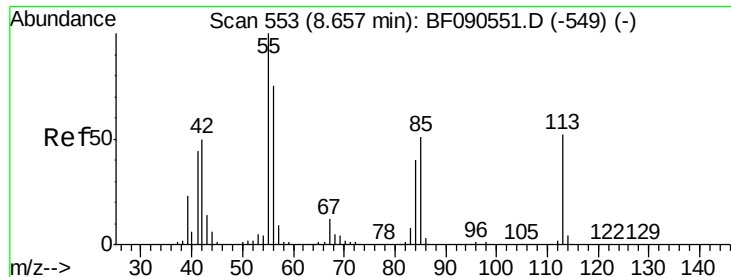
#34
Hexachlorobutadiene
Concen: 38.78 ng
RT: 8.34 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		290213		
223	64.8	50.6	76.0		
227	65.3	51.4	77.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.56 ng/ml

RT: 8.65 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

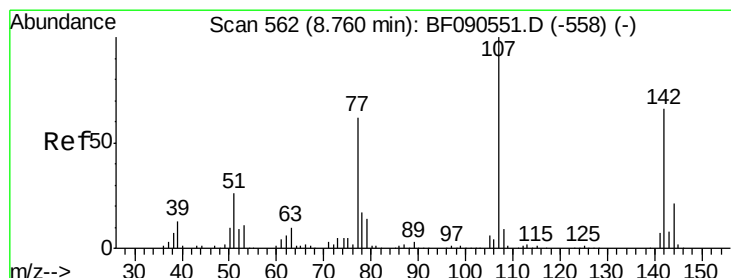
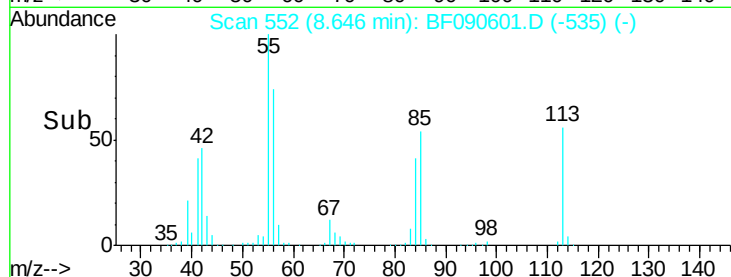
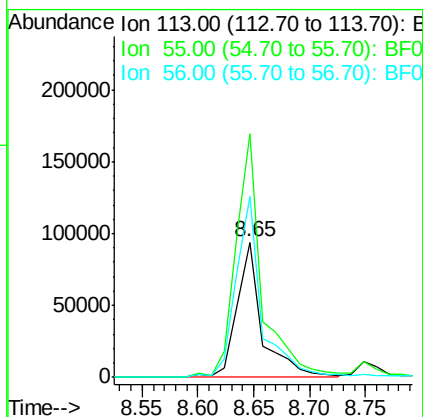
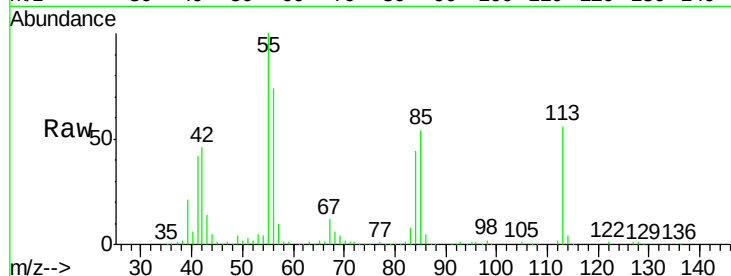
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	148610
Ion Ratio	Lower	Upper	
113	100		
55	179.9	170.8	210.8
56	133.7	122.4	162.4

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#36

4-Chloro-3-methylphenol

Concen: 39.23 ng/ml

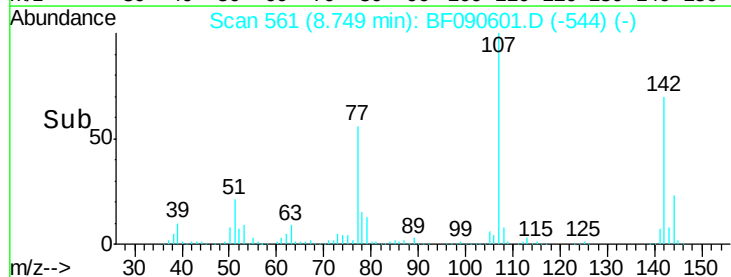
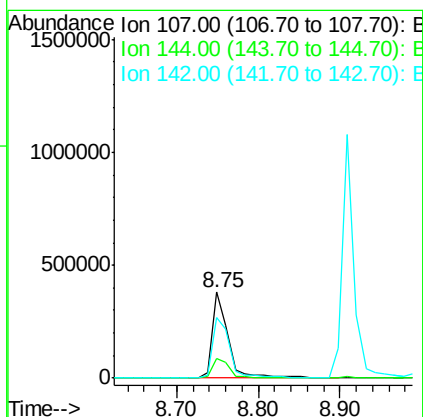
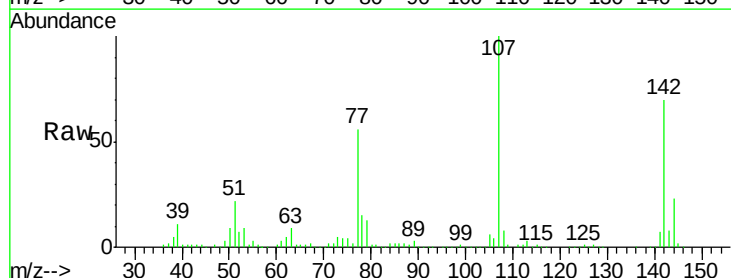
RT: 8.75 min Scan# 561

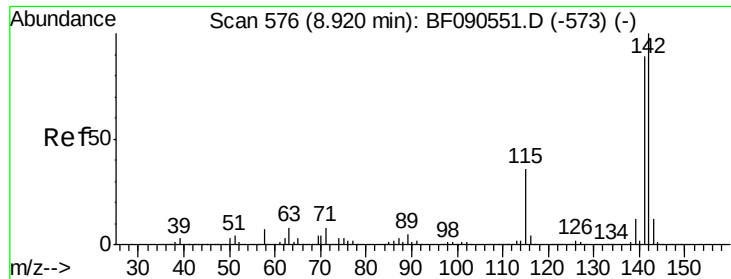
Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion:	107	Resp:	517708
Ion Ratio	Lower	Upper	
107	100		
144	22.8	16.9	25.3
142	70.0	52.5	78.7





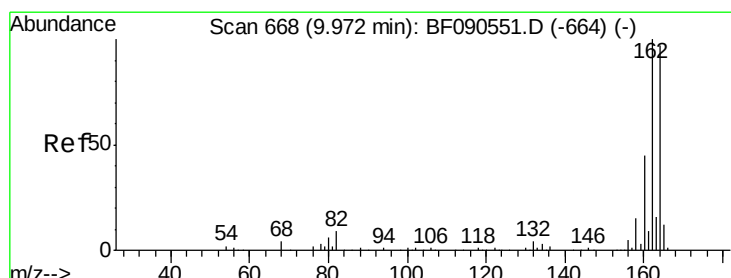
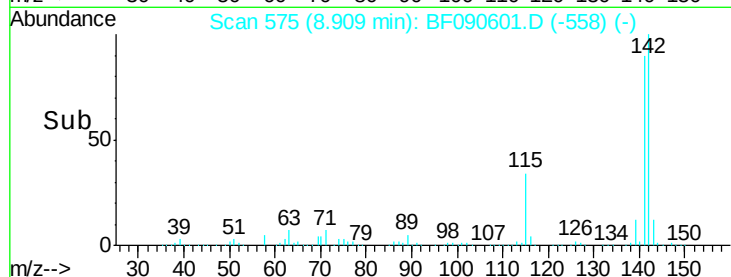
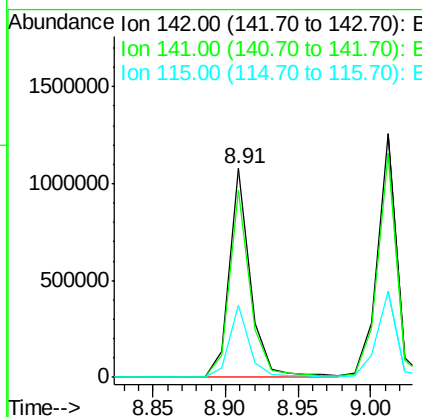
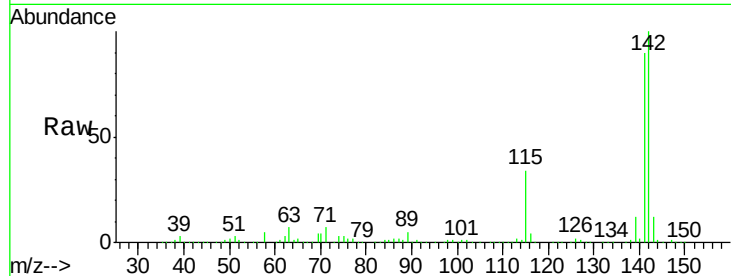
#37
2-Methylnaphthalene
Concen: 38.39 ng
RT: 8.91 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	34.5	28.8	43.2

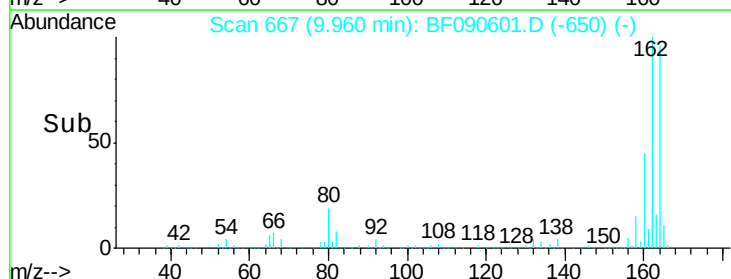
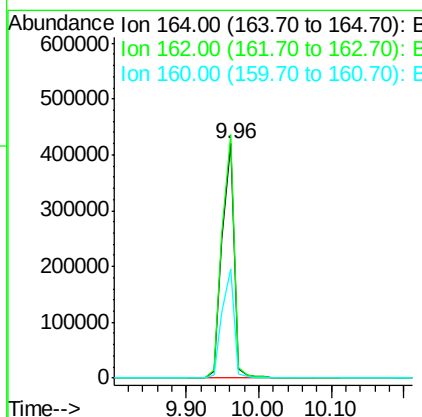
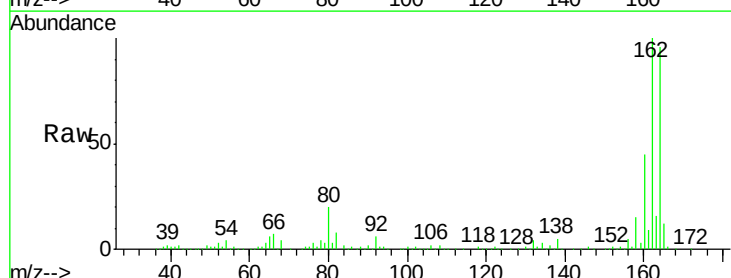
Manual Integrations
APPROVED

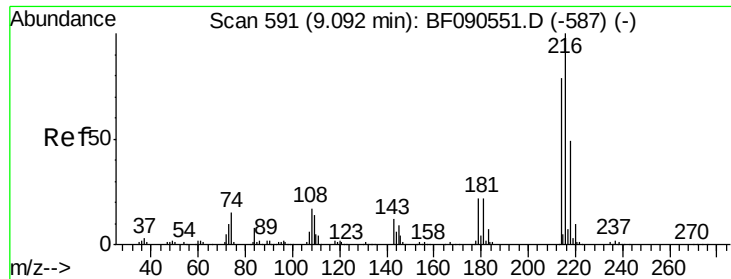
SOHIL
10/18/2016 6:05:27 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.4
160	46.5	36.6	55.0





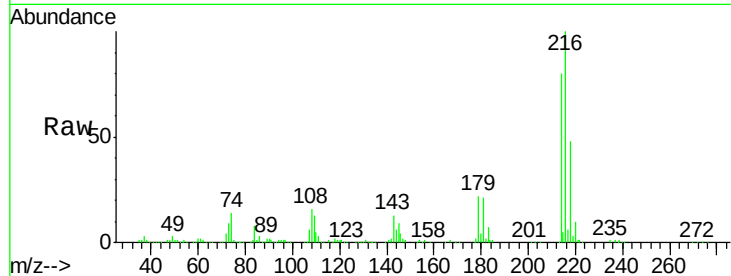
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.96 ng
 RT: 9.08 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

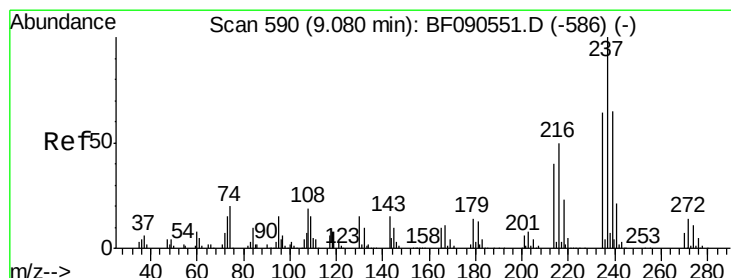
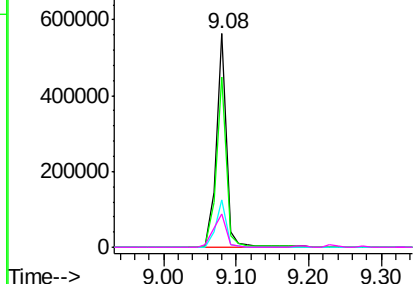
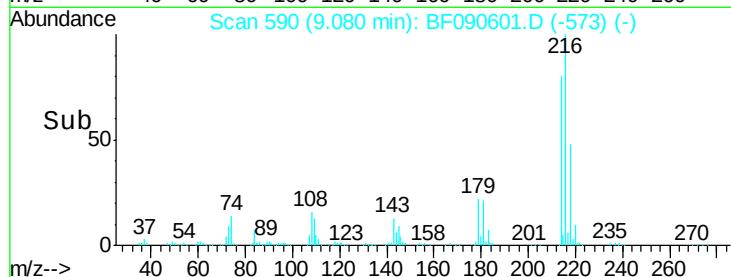
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	23.0	18.9	28.3
108	19.7	17.8	26.6

Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:27 PM

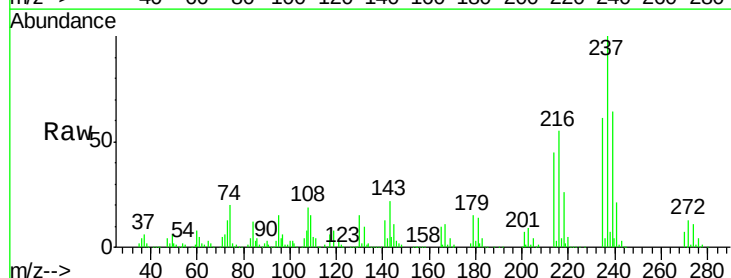


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

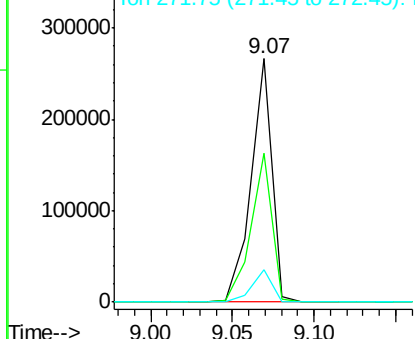
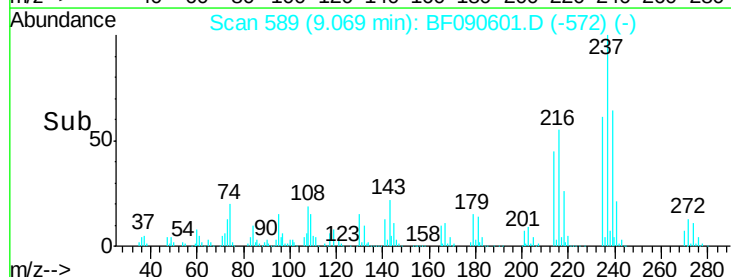


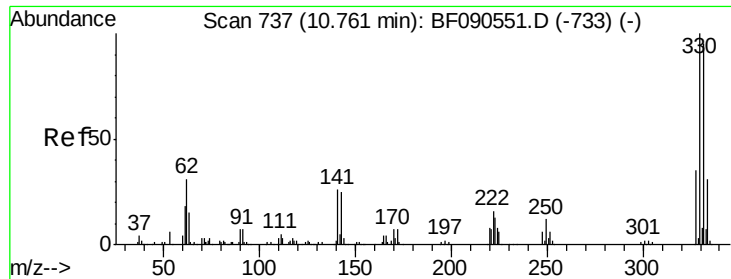
#40
 Hexachlorocyclopentadiene
 Concen: 37.04 ng
 RT: 9.07 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.8	83.8
272	13.1	0.0	33.7



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





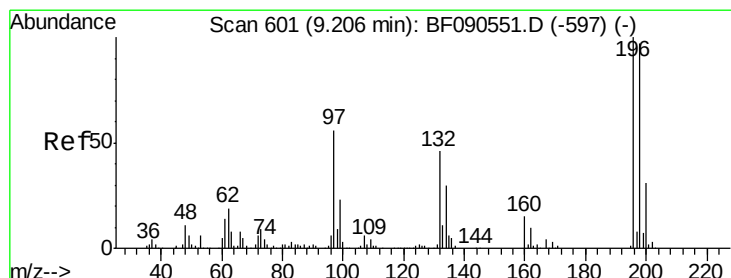
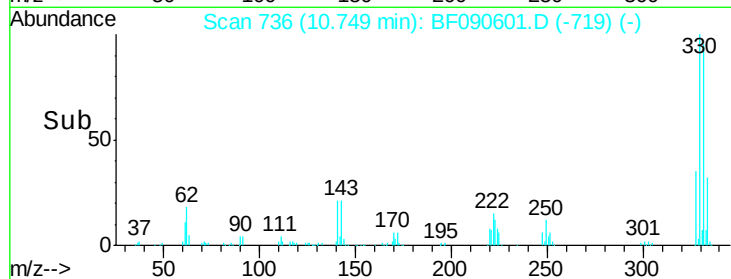
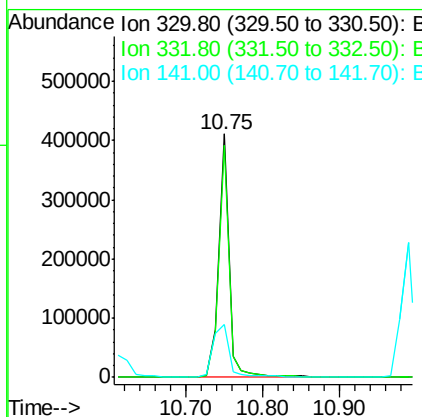
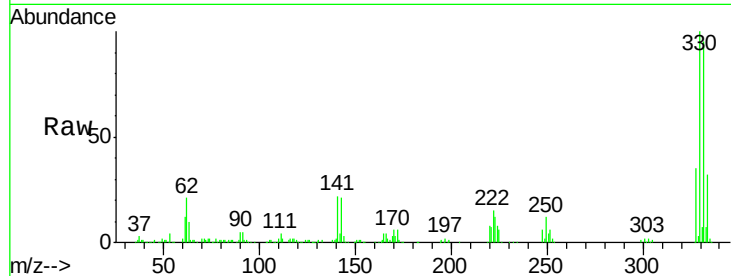
#41
 2,4,6-Tribromophenol
 Concen: 89.39 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	392591		
332	95.6	76.2	114.2	
141	32.5	31.4	47.2	

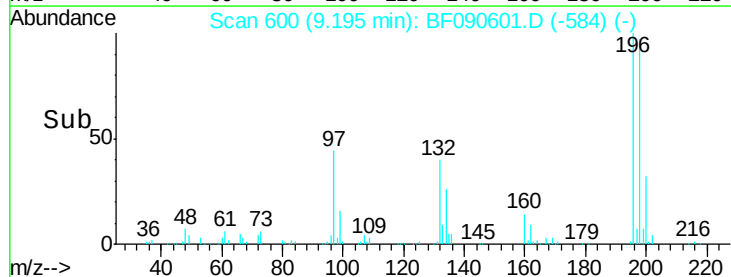
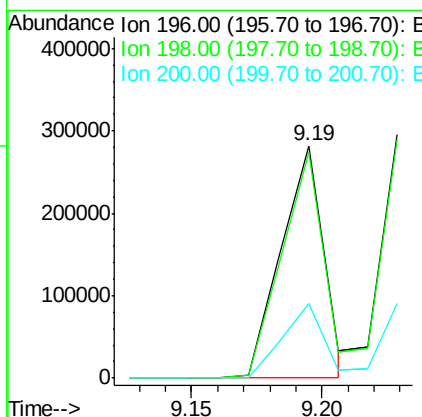
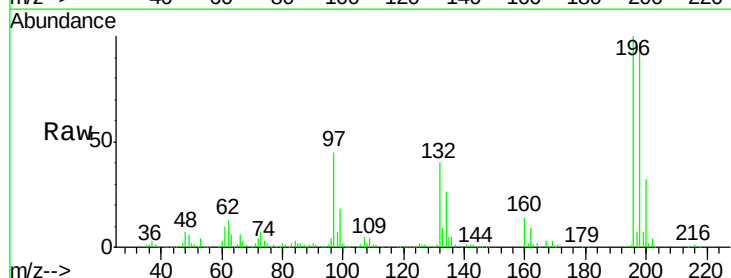
Manual Integrations
 APPROVED

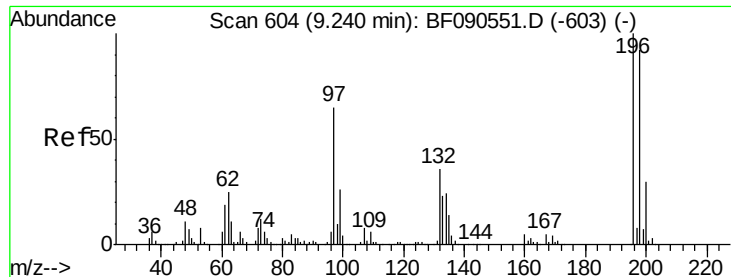
SOHIL
 10/18/2016 6:05:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.05 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317150		
198	97.3	77.9	116.9	
200	32.0	25.1	37.7	





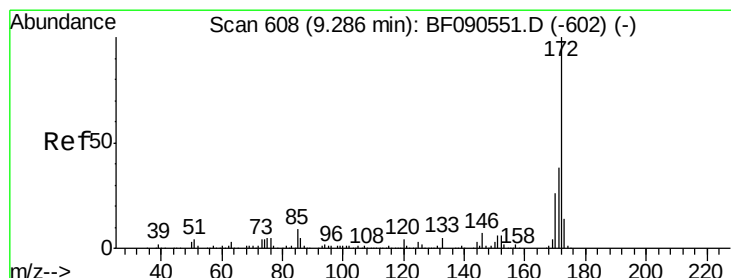
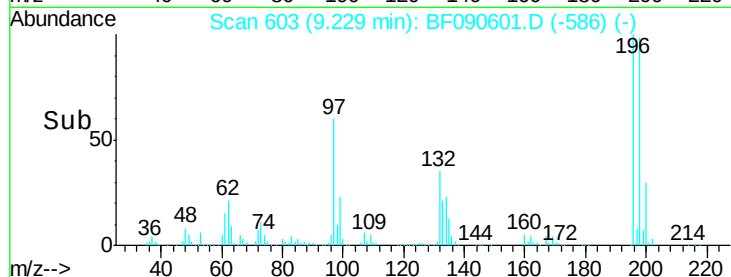
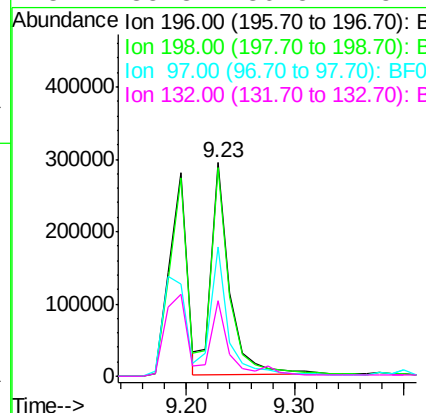
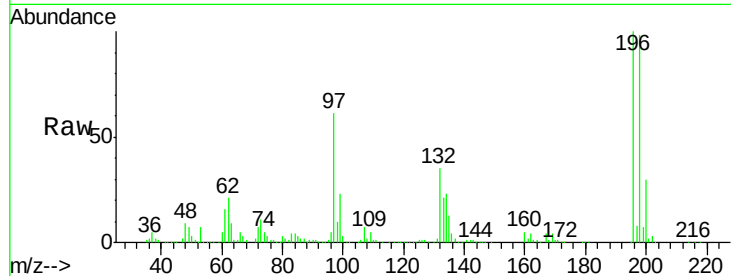
#43
2,4,5-Trichlorophenol
Concen: 40.45 ng
RT: 9.23 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		355502		
198	97.8	74.0	111.0		
97	60.5	54.7	82.1		
132	35.3	30.5	45.7		

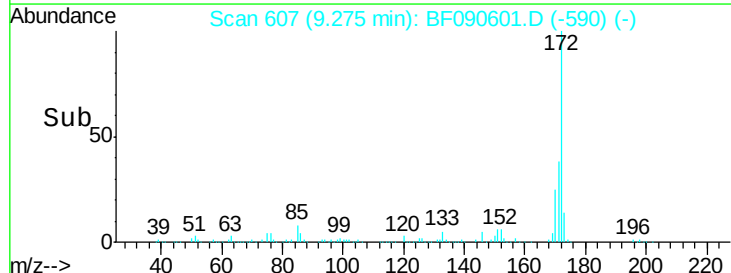
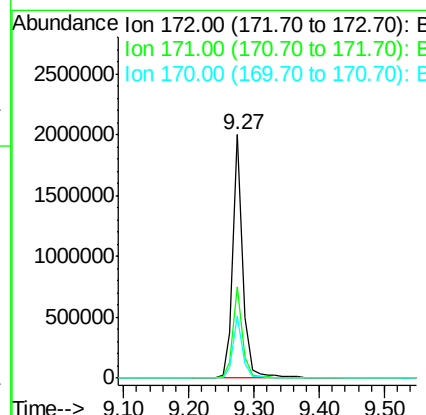
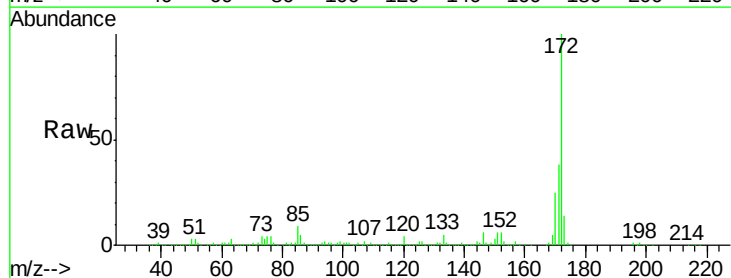
Manual Integrations
APPROVED

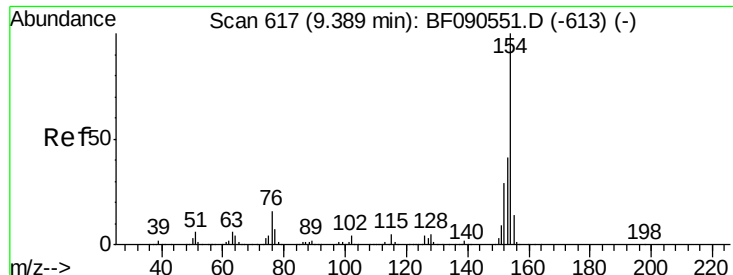
SOHIL
10/18/2016 6:05:27 PM



#44
2-Fluorobiphenyl
Concen: 71.76 ng
RT: 9.27 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2145324		
171	37.6	30.1	45.1		
170	25.3	20.6	30.8		





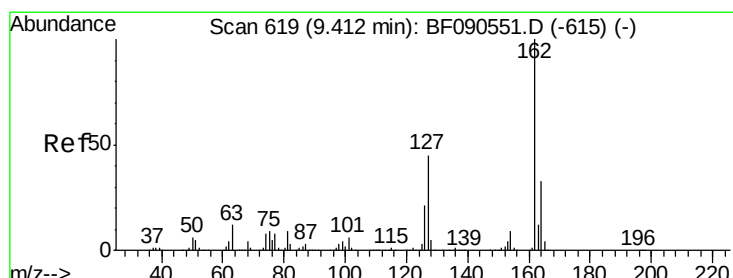
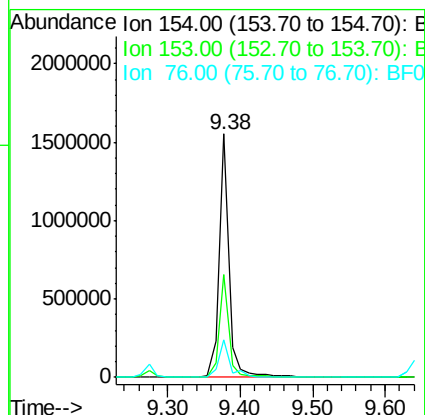
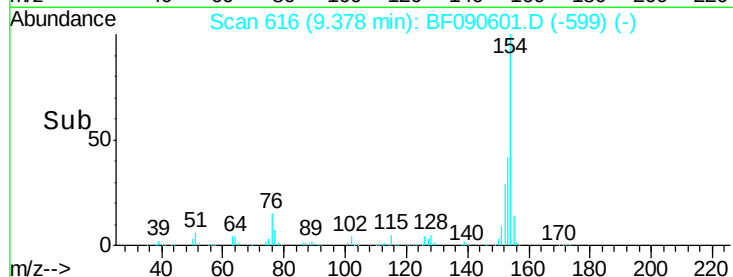
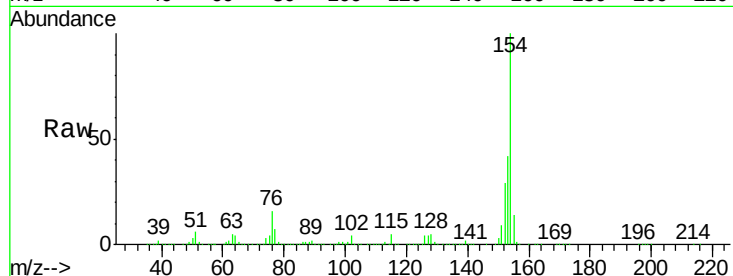
#45
1,1'-Biphenyl
Concen: 39.60 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.5	61.5
76	15.5	0.0	36.0

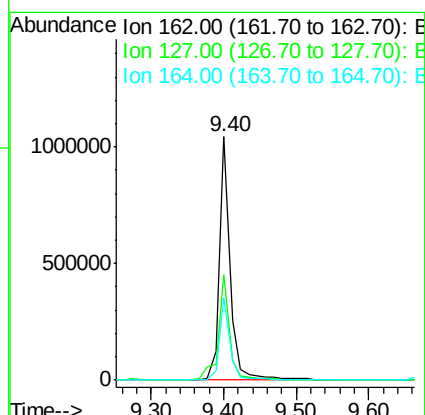
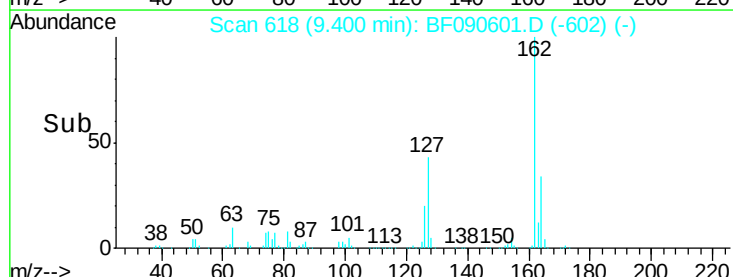
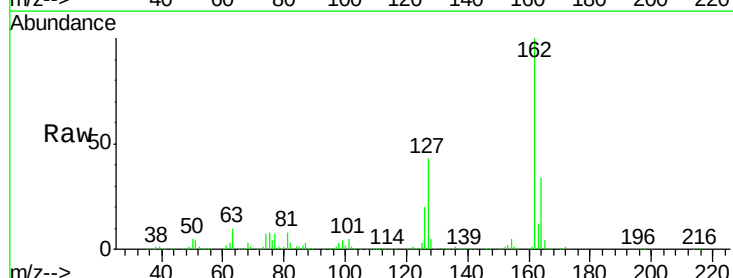
Manual Integrations
APPROVED

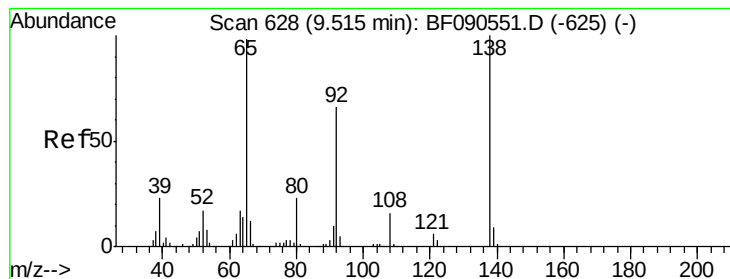
SOHIL
10/18/2016 6:05:27 PM



#46
2-Chloronaphthalene
Concen: 38.88 ng
RT: 9.40 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	35.9	53.9
164	33.7	26.7	40.1





#47

2-Nitroaniline

Concen: 38.71 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 392187

Ion Ratio Lower Upper

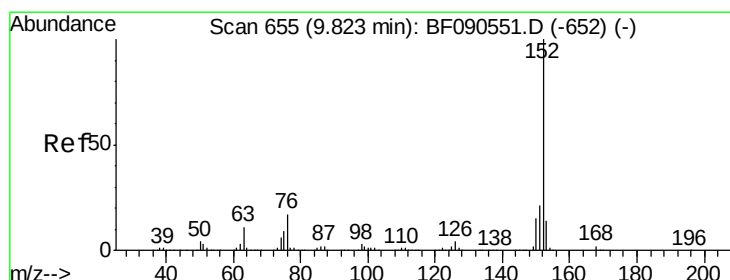
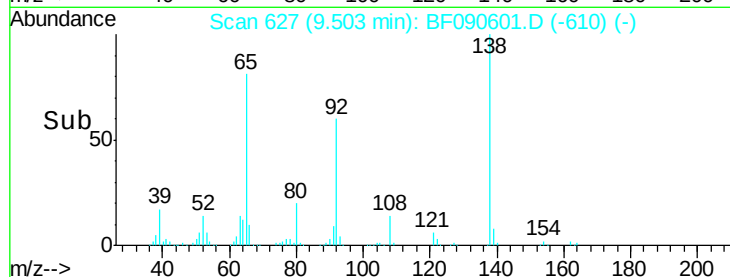
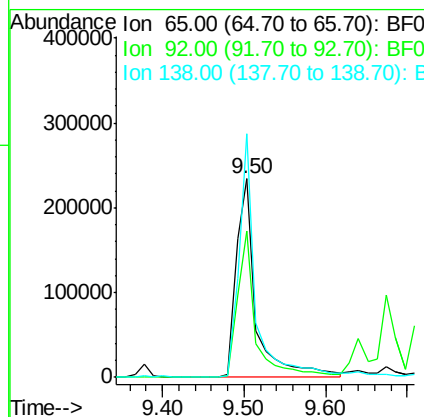
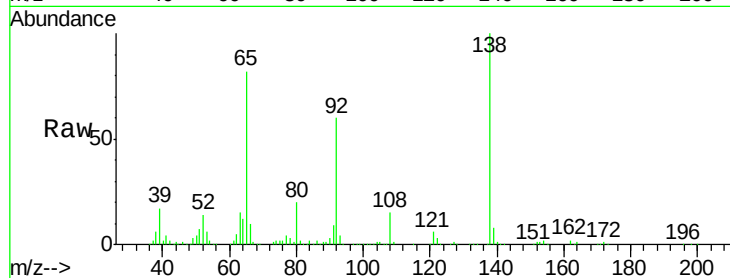
65 100

92 73.9 54.3 81.5

138 122.6 81.7 122.5#

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#48

Acenaphthylene

Concen: 38.57 ng

RT: 9.81 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

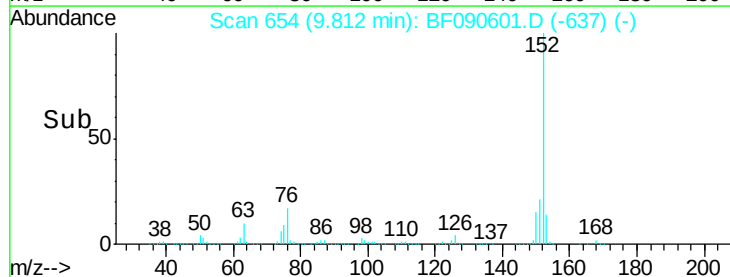
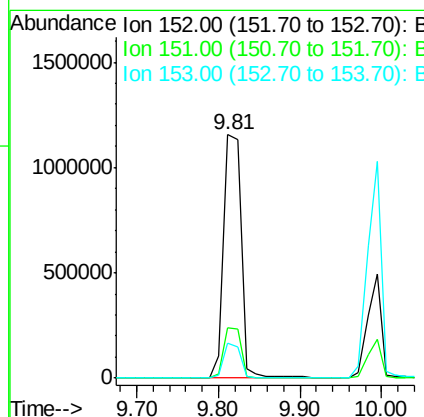
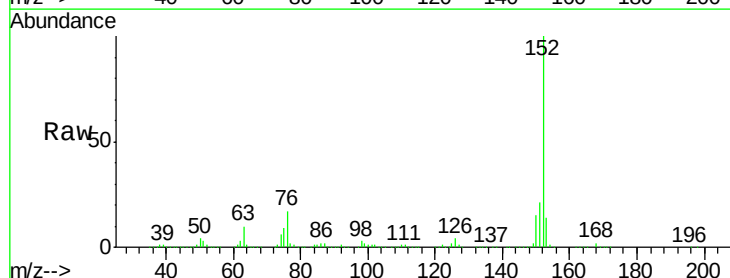
Tgt Ion: 152 Resp: 1716440

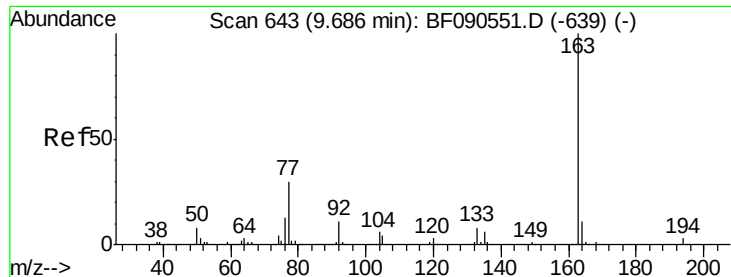
Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

153 14.1 11.3 16.9





#49

Dimethylphthalate

Concen: 37.21 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:163 Resp: 1189354

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

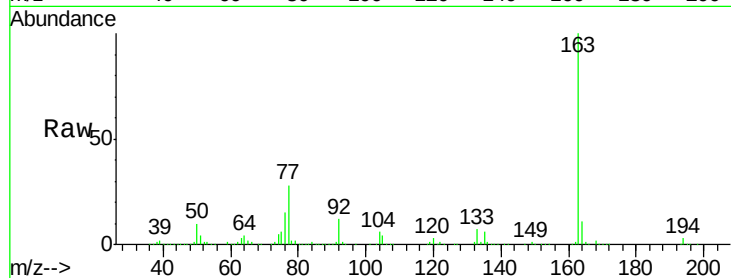
164 10.9 8.6 13.0

Manual Integrations

APPROVED

SOHIL

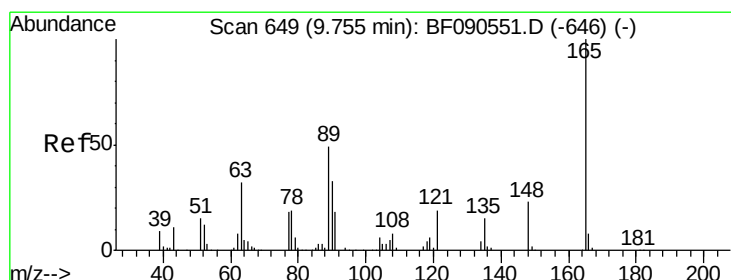
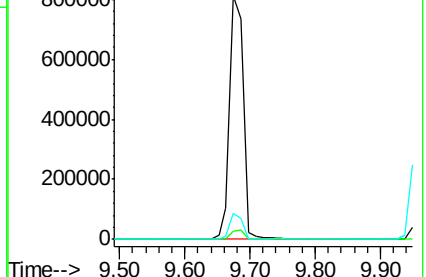
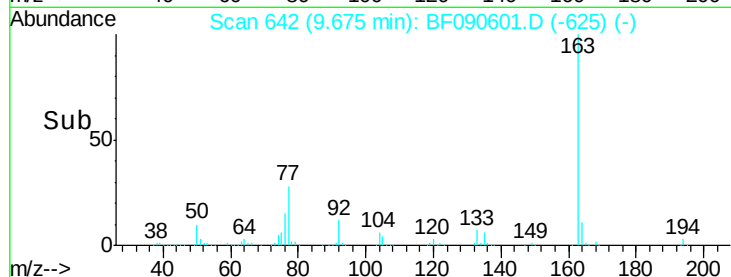
10/18/2016 6:05:27 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.03 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

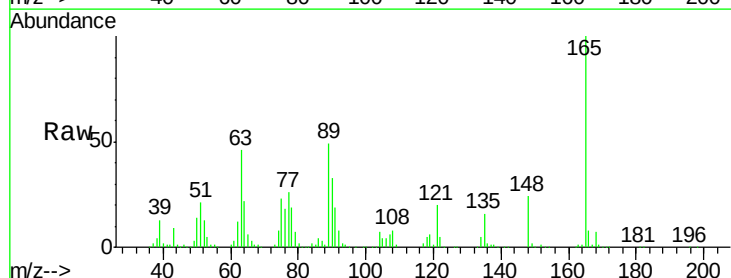
Tgt Ion:165 Resp: 293934

Ion Ratio Lower Upper

165 100

63 45.8 40.1 60.1

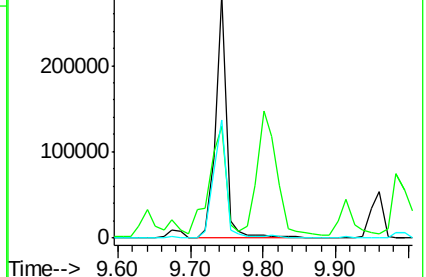
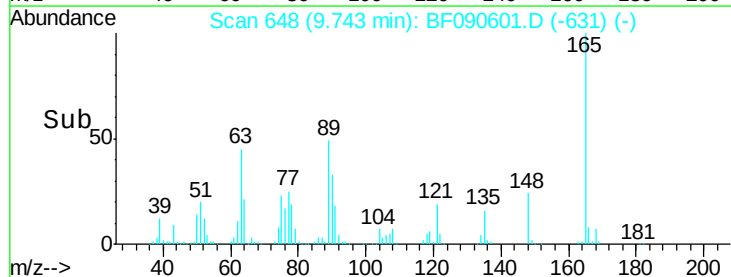
89 48.7 39.5 59.3

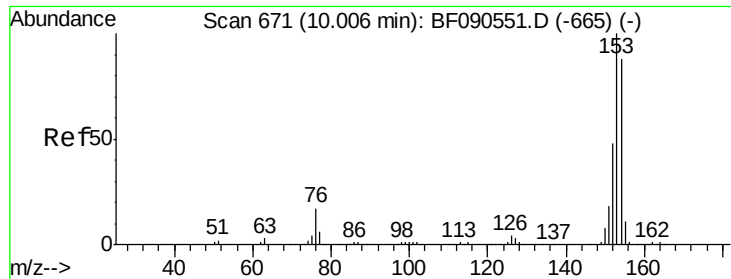


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.70 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1144704

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

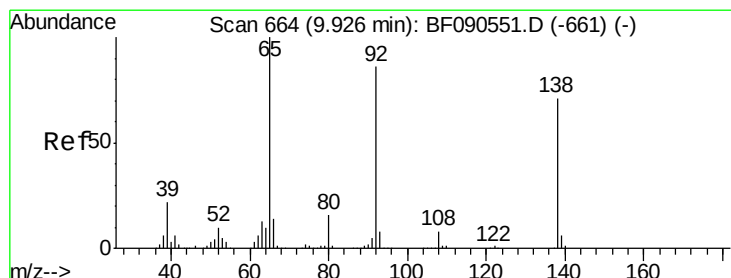
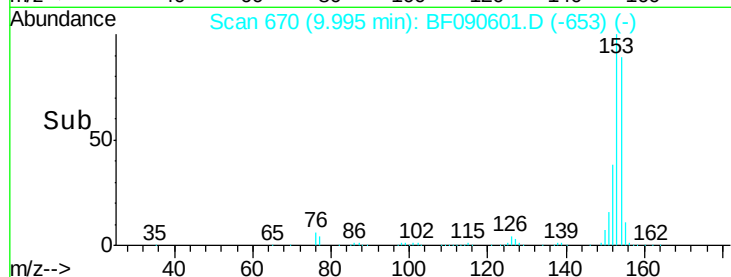
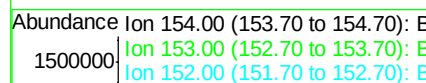
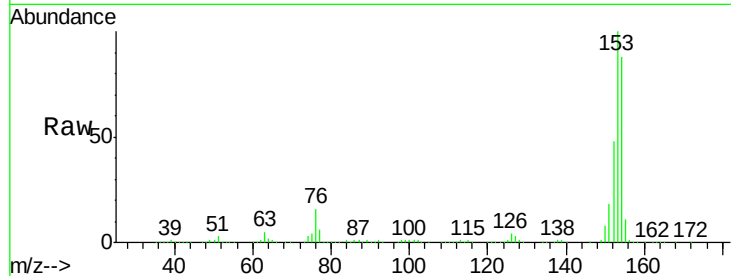
152 54.9 44.0 66.0

Manual Integrations

APPROVED

SOHIL

10/18/2016 6:05:27 PM



#52

3-Nitroaniline

Concen: 40.85 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

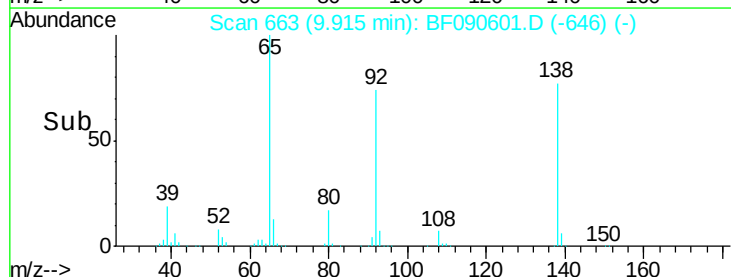
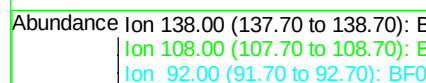
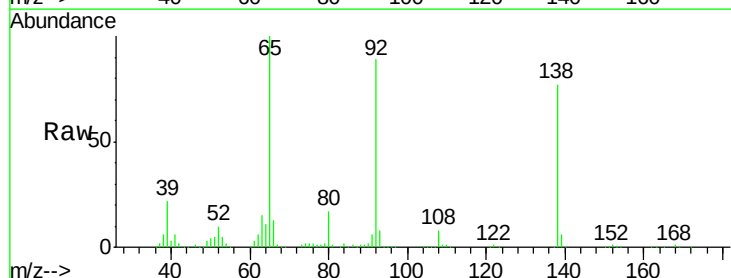
Tgt Ion:138 Resp: 358468

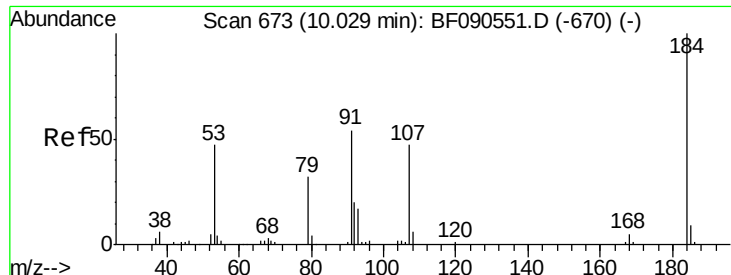
Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 115.6 97.8 146.8





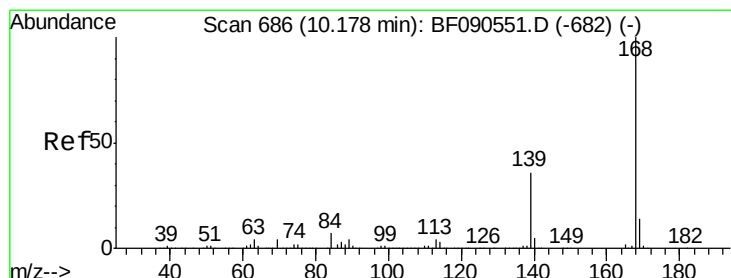
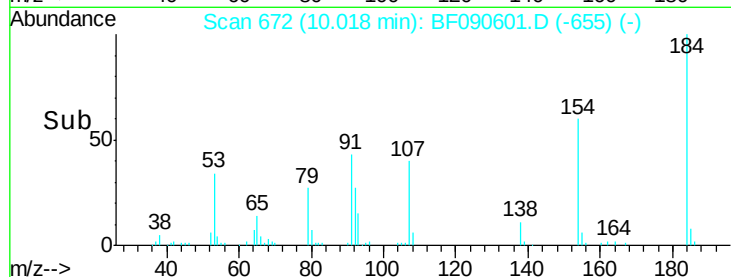
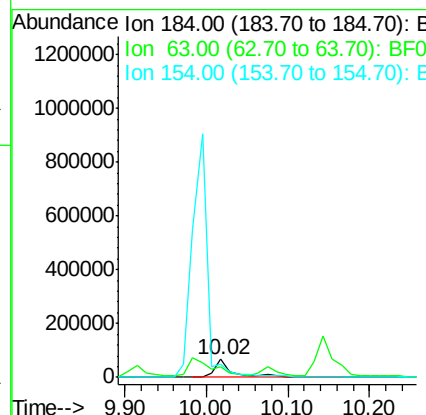
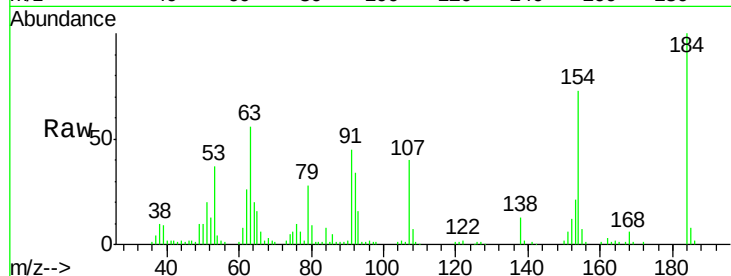
#53
2,4-Dinitrophenol
Concen: 32.76 ng
RT: 10.02 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.1	60.2	90.2#
154	72.7	86.1	129.1#

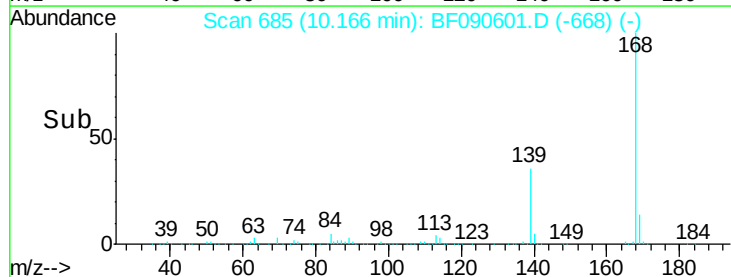
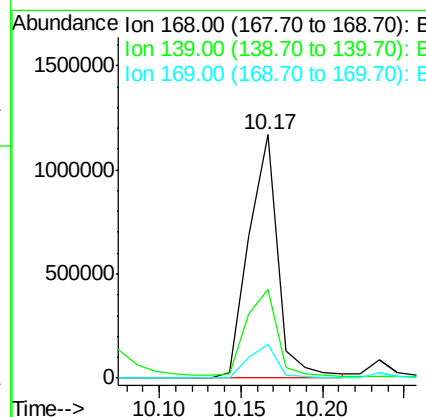
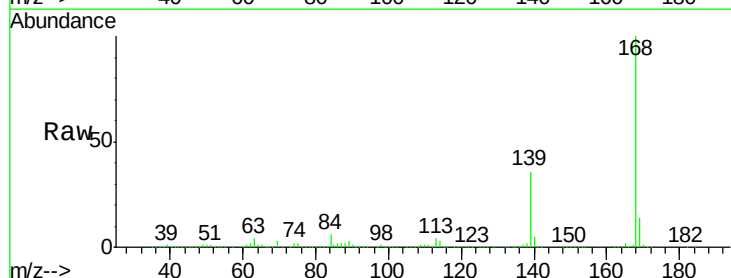
Manual Integrations
APPROVED

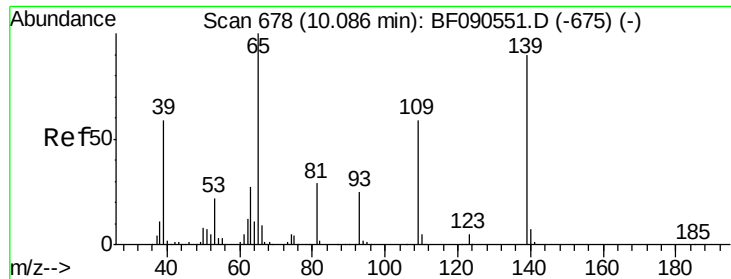
SOHIL
10/18/2016 6:05:27 PM



#54
Dibenzofuran
Concen: 37.14 ng
RT: 10.17 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.5	45.7
169	13.6	10.9	16.3





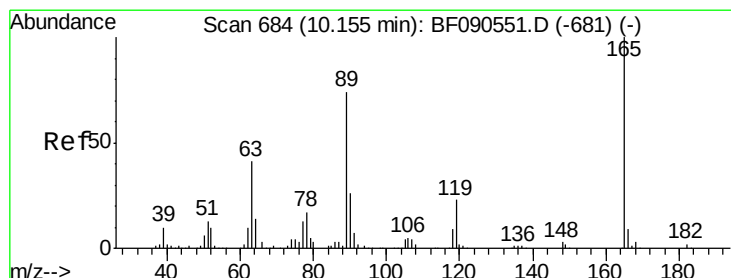
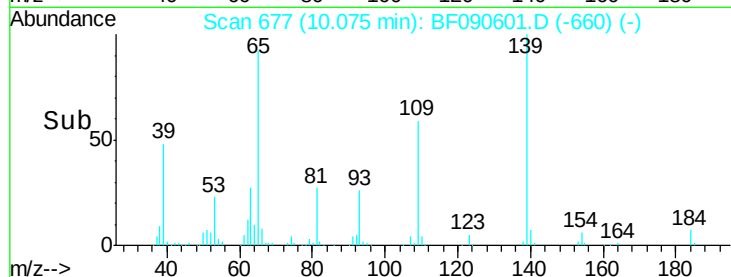
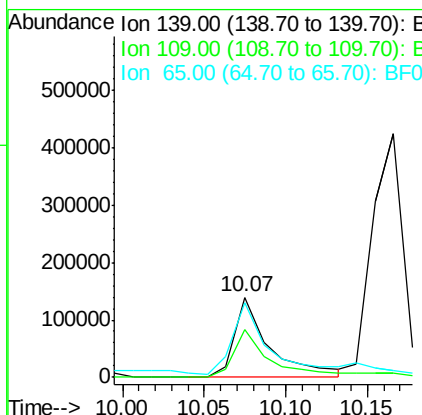
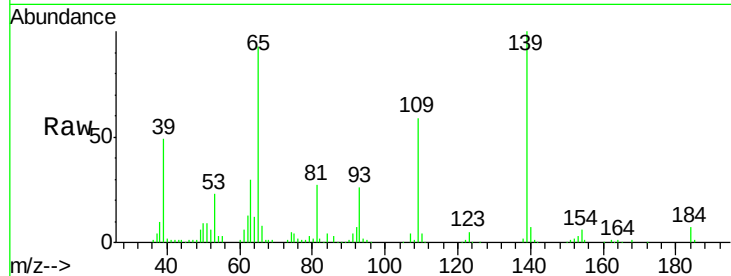
#55
4-Nitrophenol
Concen: 38.78 ng
RT: 10.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	204812		
109	59.0	45.9	85.9	
65	92.8	95.8	135.8	

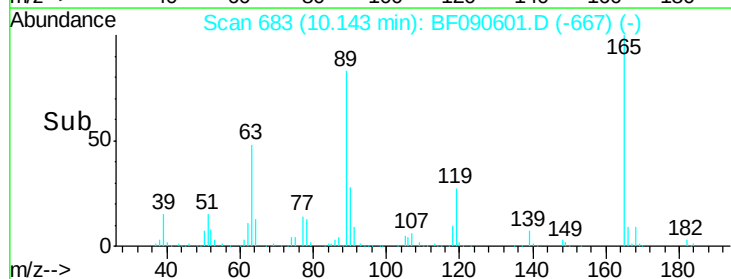
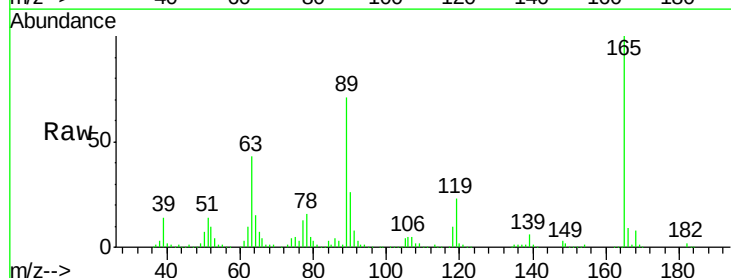
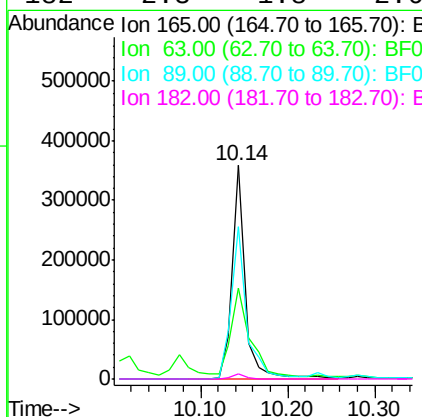
Manual Integrations
APPROVED

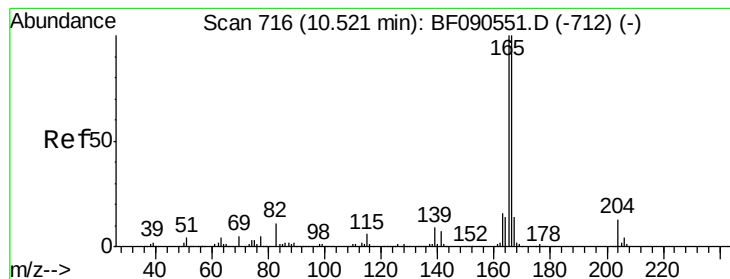
SOHIL
10/18/2016 6:05:27 PM



#56
2,4-Dinitrotoluene
Concen: 39.47 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	374956		
63	42.7	35.4	53.0	
89	71.1	59.0	88.4	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 37.79 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1212972

Ion Ratio Lower Upper

166 100

165 98.8 79.9 119.9

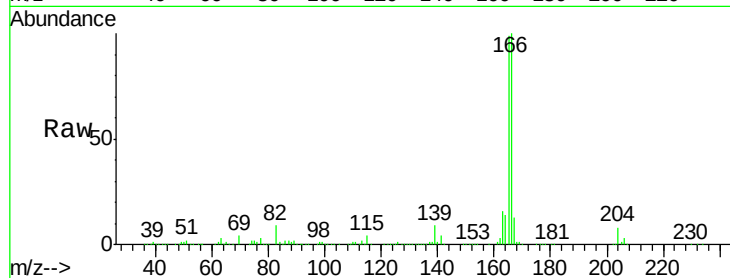
167 13.3 10.9 16.3

Manual Integrations

APPROVED

SOHIL

10/18/2016 6:05:27 PM

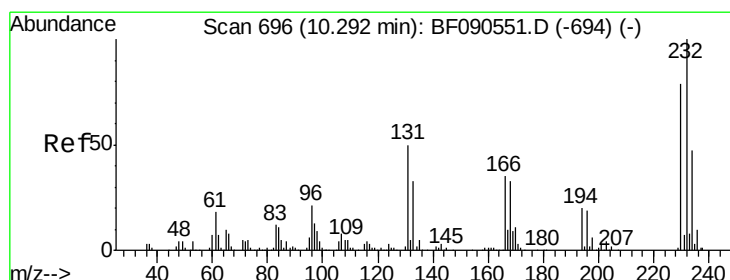
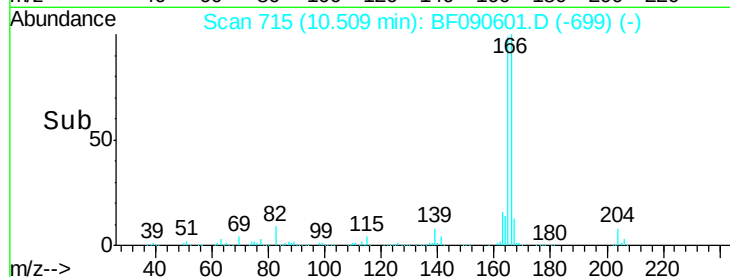
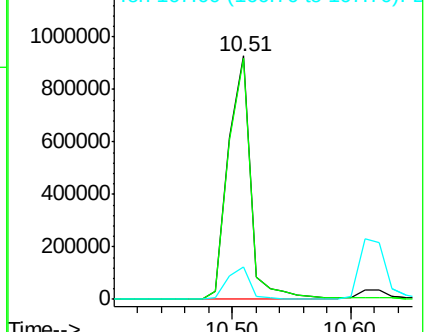


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.35 ng

RT: 10.28 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion:232 Resp: 302663

Ion Ratio Lower Upper

232 100

131 48.1 42.6 64.0

130 2.1 1.8 2.8

166 31.9 27.5 41.3

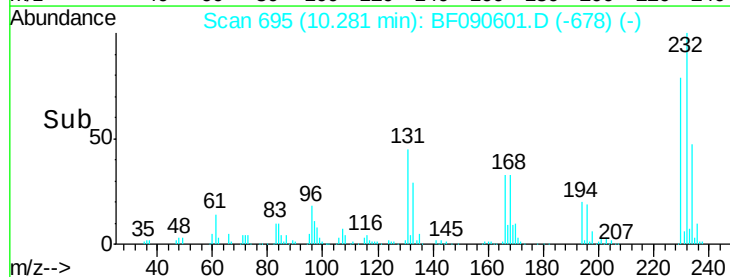
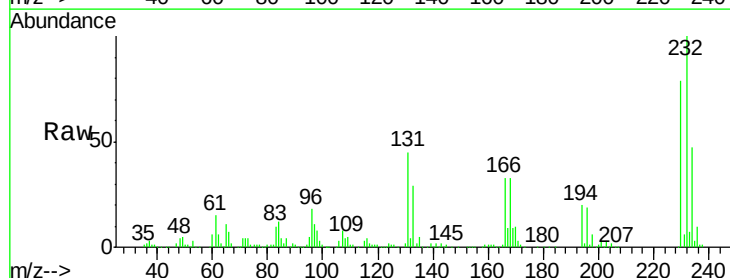
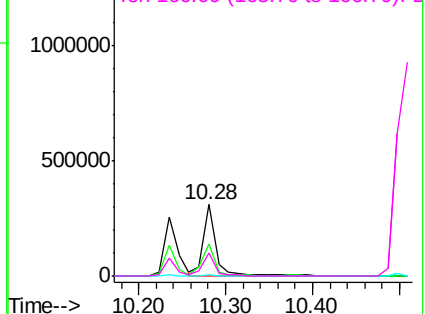
Abundance

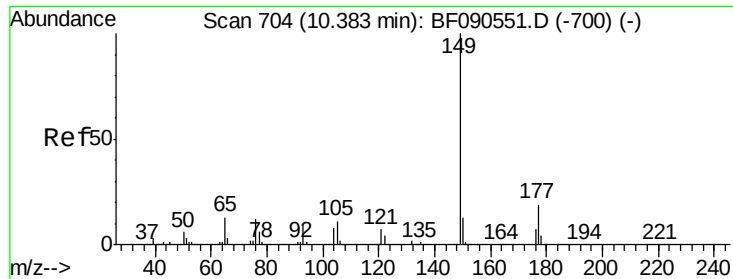
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





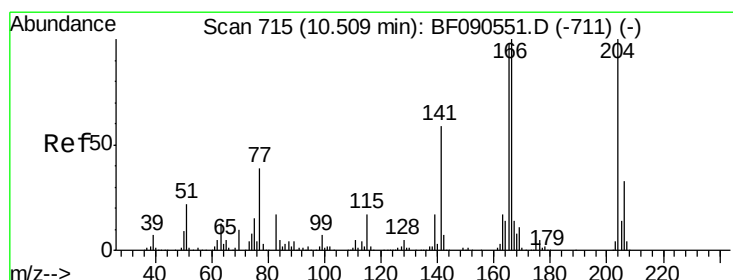
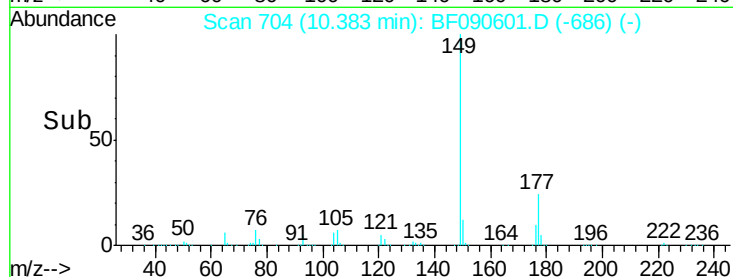
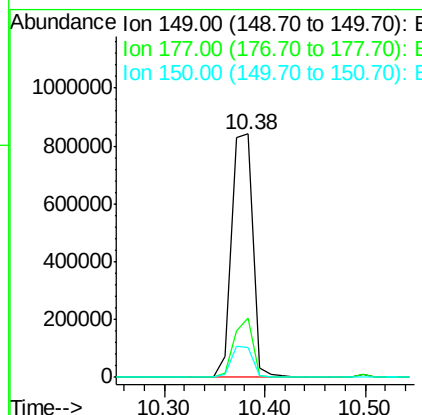
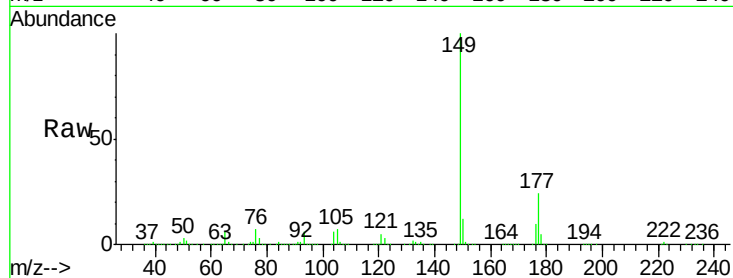
#59
Diethylphthalate
Concen: 38.12 ng
RT: 10.38 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1235762
Ion Ratio Lower Upper
149 100
177 24.4 15.3 22.9#
150 12.3 10.3 15.5

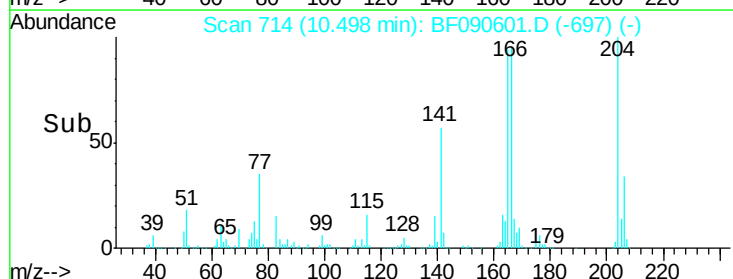
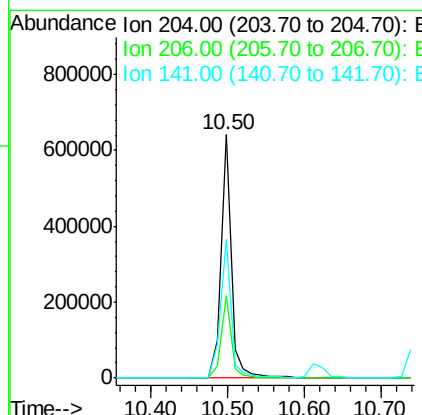
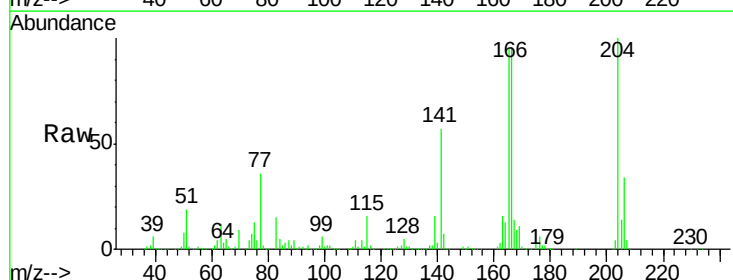
Manual Integrations
APPROVED

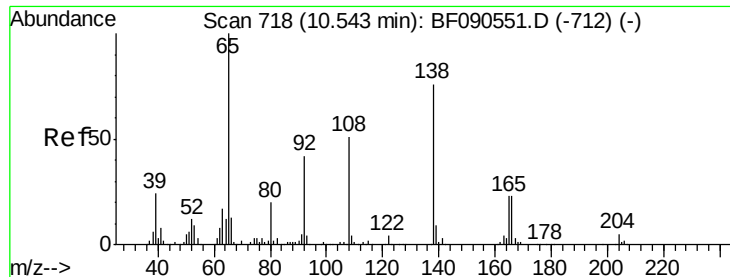
SOHIL
10/18/2016 6:05:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 10.50 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion:204 Resp: 605119
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 56.8 47.2 70.8





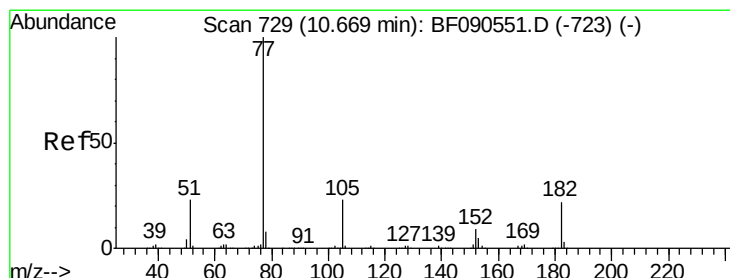
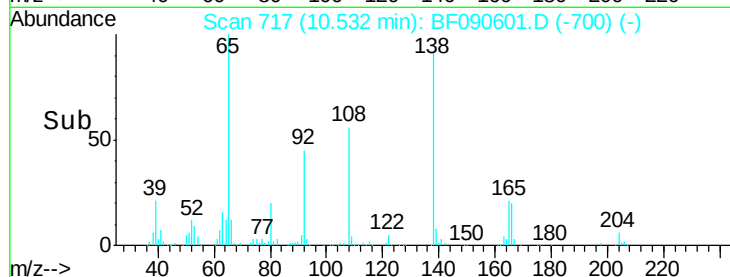
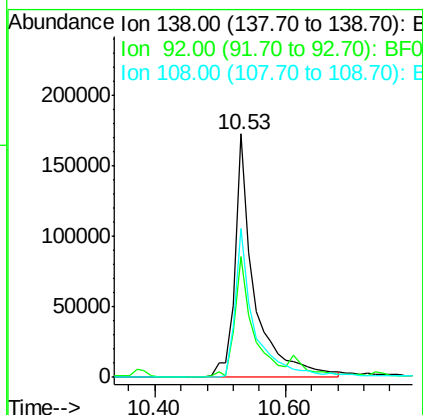
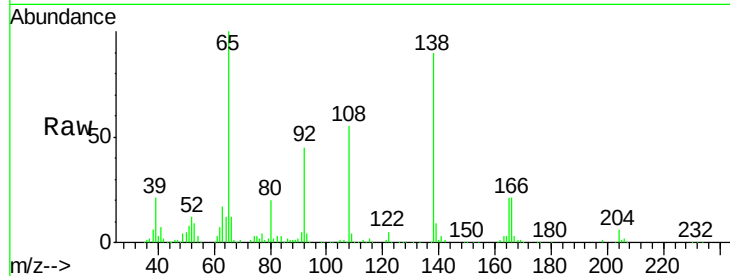
#61
4-Nitroaniline
Concen: 40.14 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	35.7	75.7
108	61.0	46.9	86.9

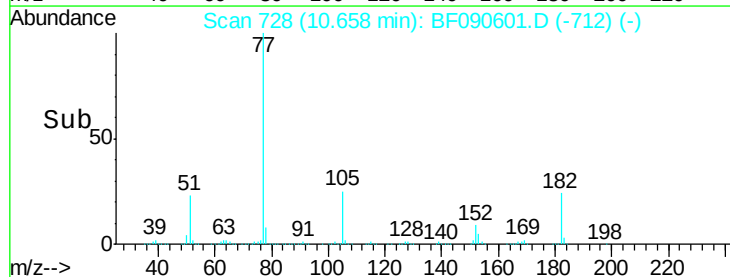
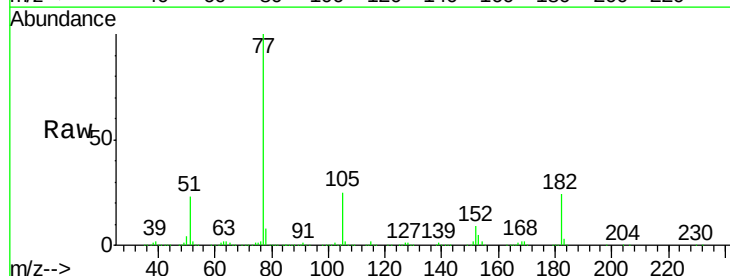
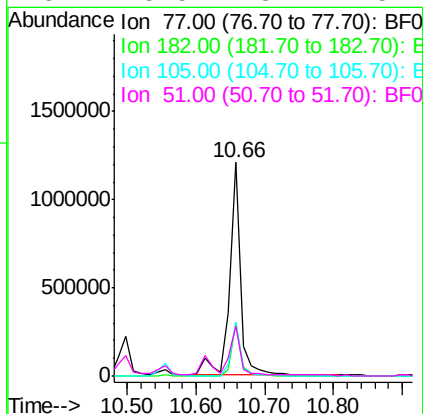
Manual Integrations
APPROVED

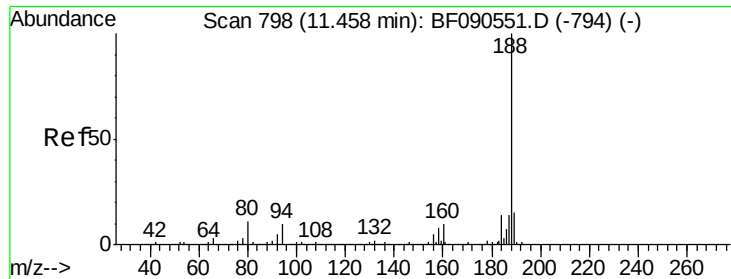
SOHIL
10/18/2016 6:05:27 PM



#62
Azobenzene
Concen: 37.55 ng
RT: 10.66 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	2.2	42.2
105	25.0	3.5	43.5
51	23.5	3.7	43.7





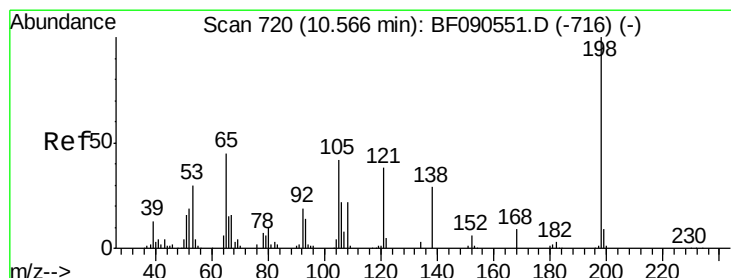
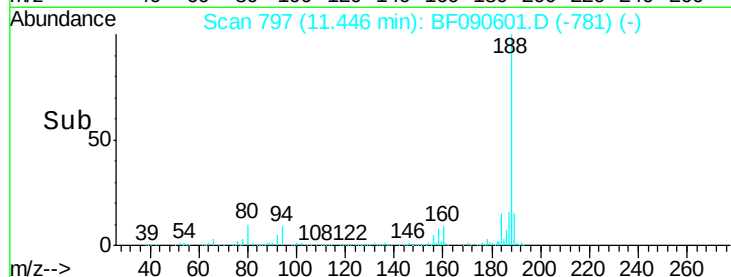
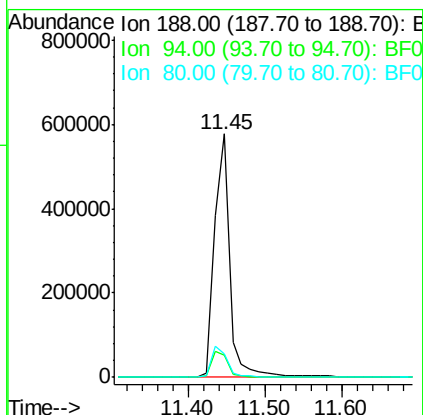
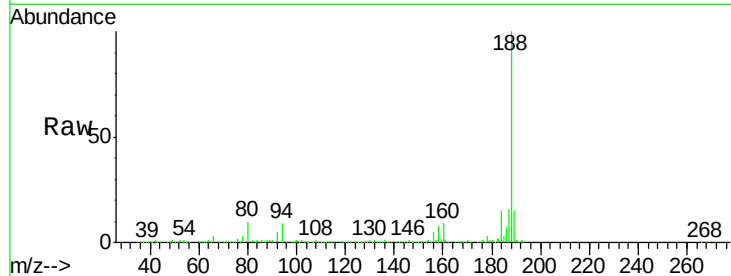
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	7.7	11.5
80	9.8	8.6	12.8

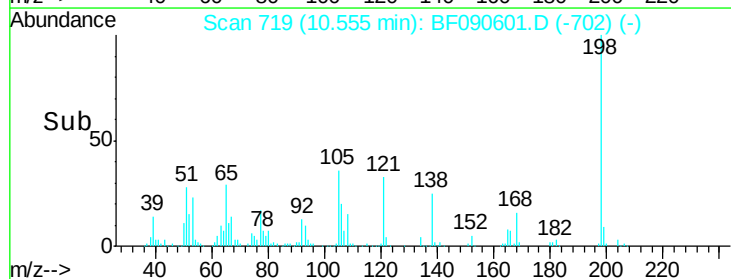
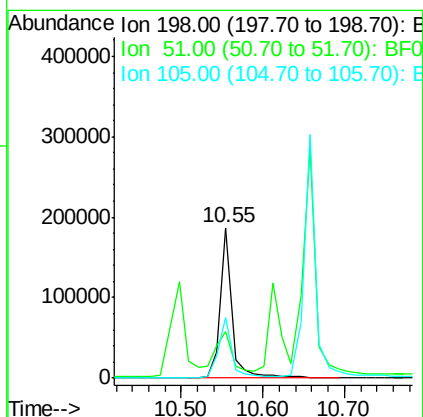
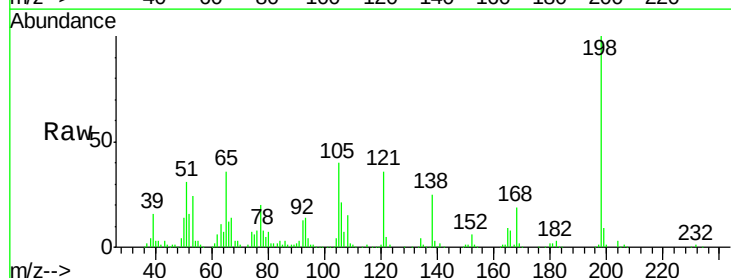
Manual Integrations
APPROVED

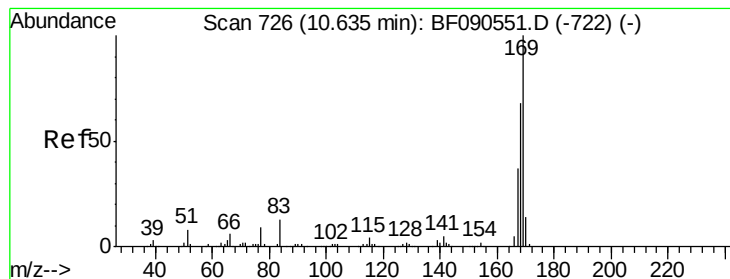
SOHIL
10/18/2016 6:05:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.98 ng
RT: 10.55 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.9	19.7	59.7
105	40.0	22.6	62.6





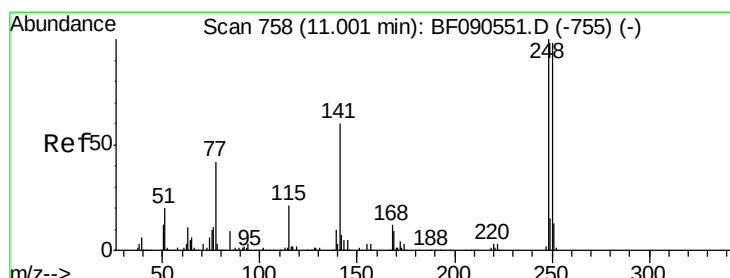
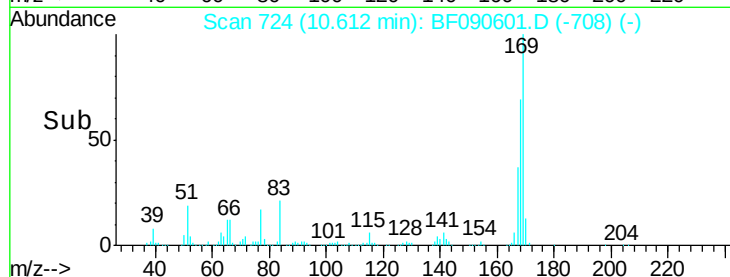
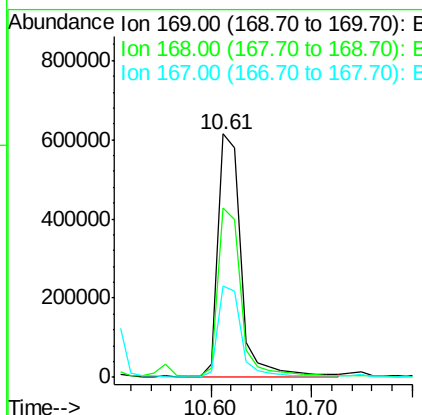
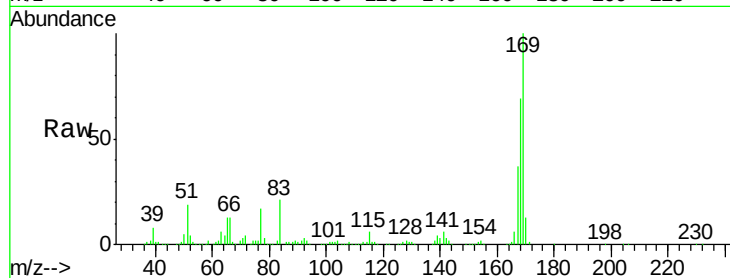
#65
n-Nitrosodiphenylamine
Concen: 37.49 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	987353		
168	69.4		54.6	81.8
167	37.4		29.8	44.8

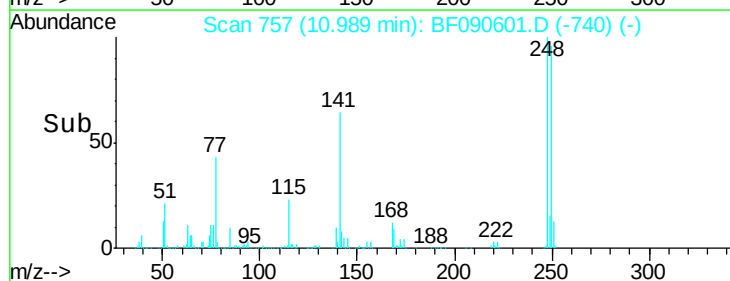
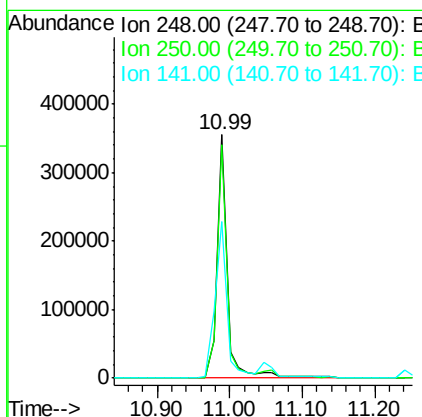
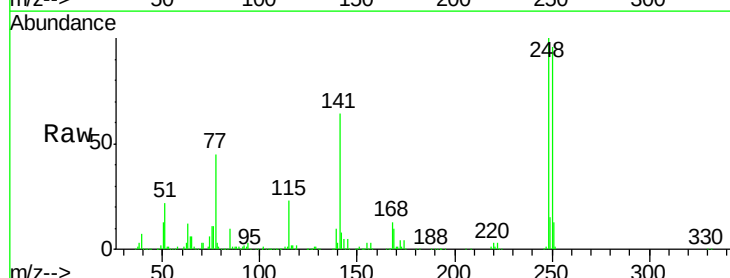
Manual Integrations
APPROVED

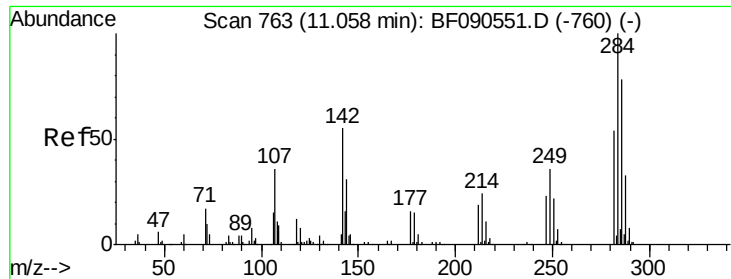
SOHIL
10/18/2016 6:05:27 PM



#66
4-Bromophenyl-phenylether
Concen: 41.06 ng
RT: 10.99 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	351330		
250	95.9		78.4	117.6
141	64.3		48.4	72.6





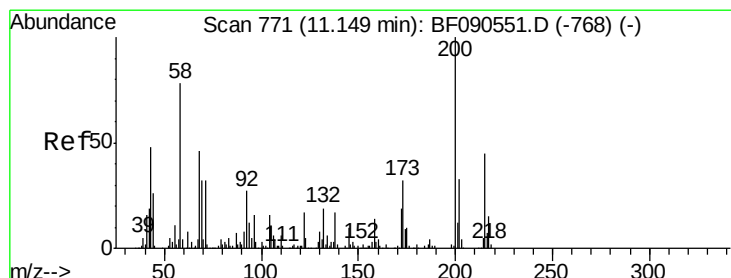
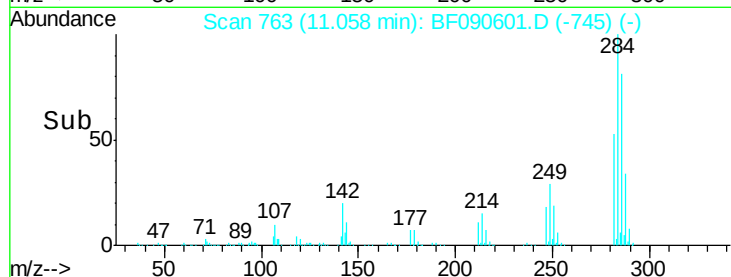
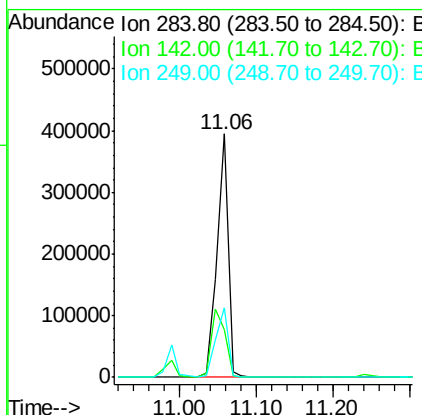
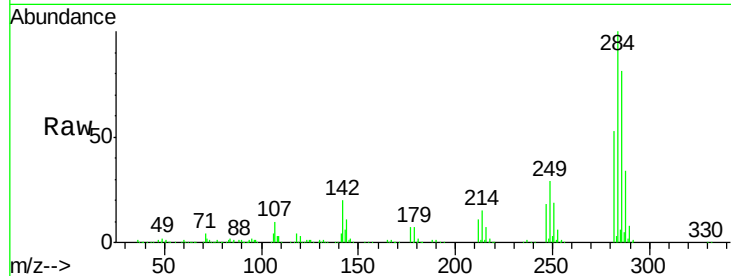
#67
Hexachlorobenzene
Concen: 42.79 ng
RT: 11.06 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	397463		
142	19.6	44.5	66.7#	
249	28.7	29.6	44.4#	

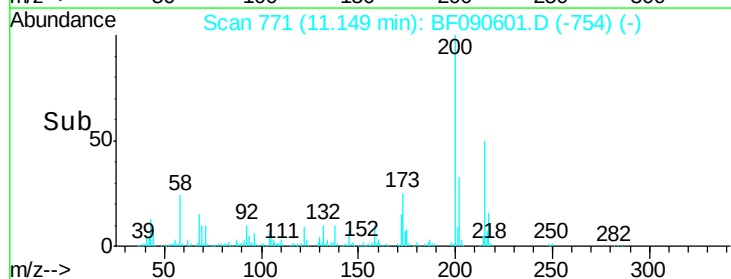
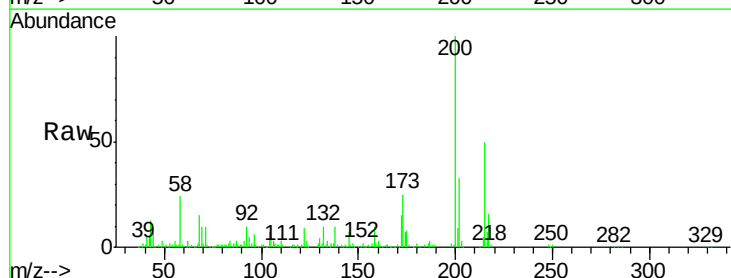
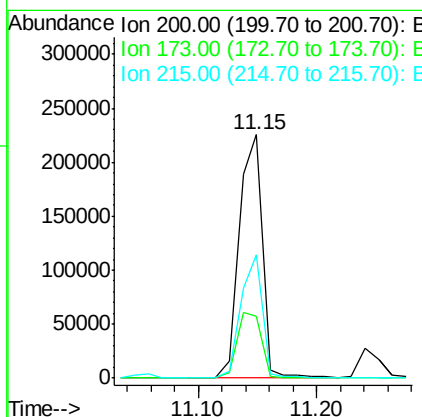
Manual Integrations
APPROVED

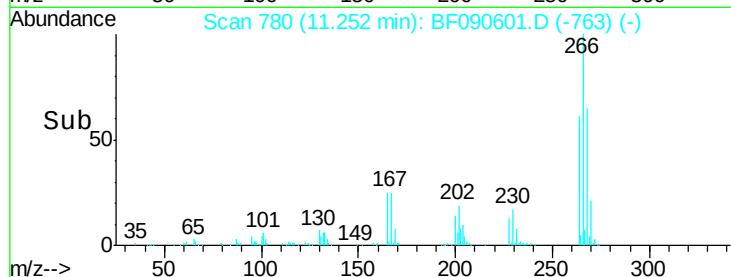
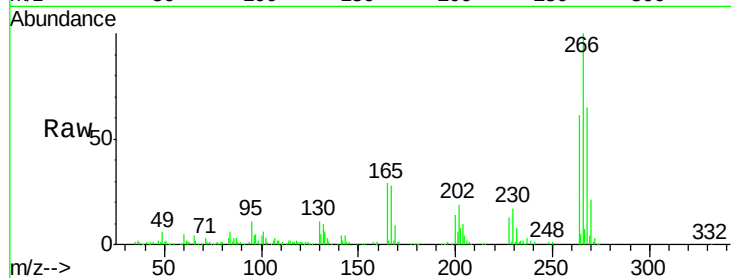
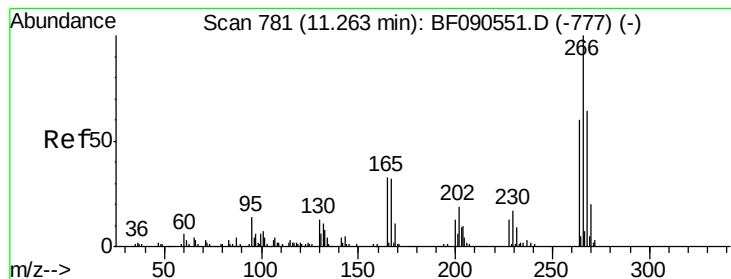
SOHIL
10/18/2016 6:05:27 PM



#68
Atrazine
Concen: 42.17 ng
RT: 11.15 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	307224		
173	25.3	12.0	52.0	
215	50.4	25.2	65.2	





#69

Pentachlorophenol

Concen: 38.93 ng

RT: 11.25 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tot Ion:	266	Resp:	179234
Ion Ratio	Lower	Upper	
266	100		
268	64.8	51.5	77.3
264	60.6	47.9	71.9

Instrument :

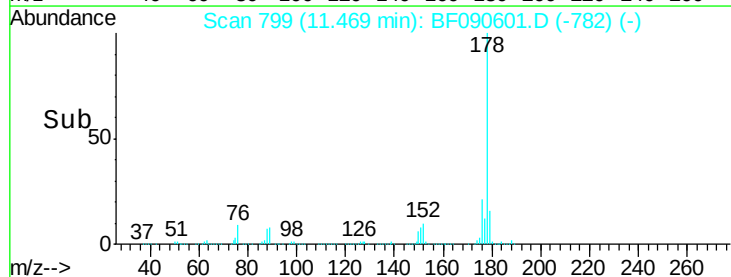
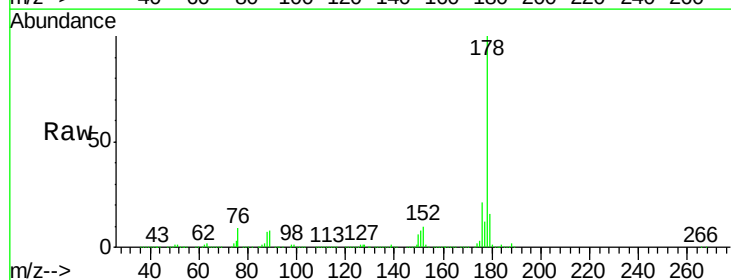
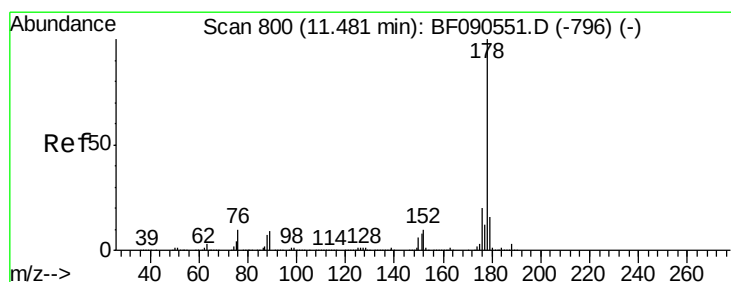
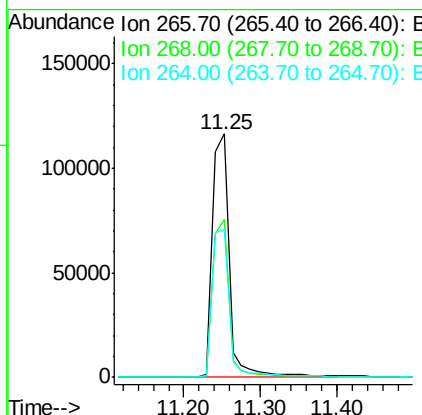
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#70

Phenanthrene

Concen: 39.50 ng

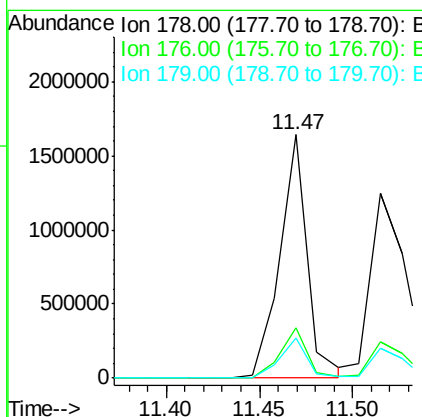
RT: 11.47 min Scan# 799

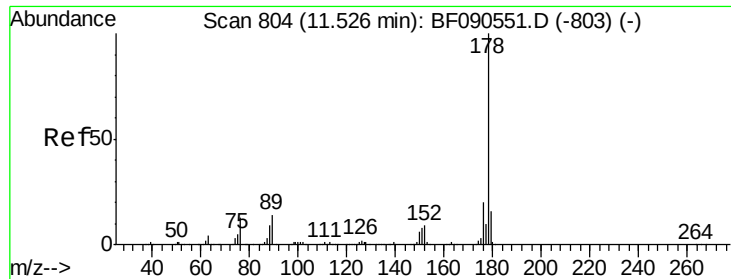
Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion:	178	Resp:	1681092
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.1	24.1
179	16.2	12.6	19.0





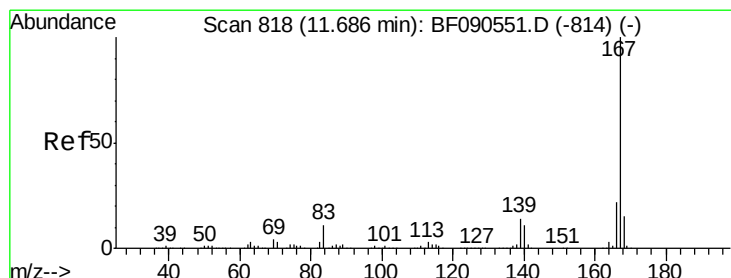
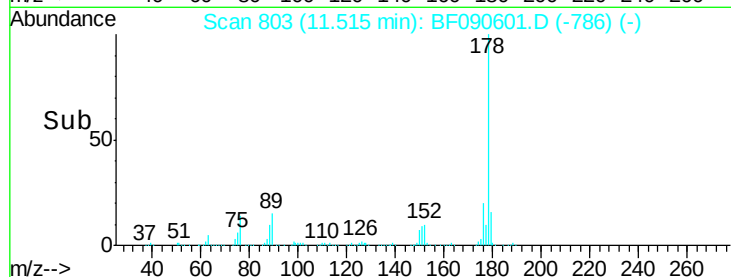
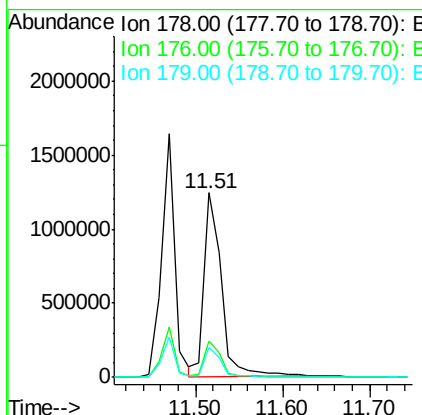
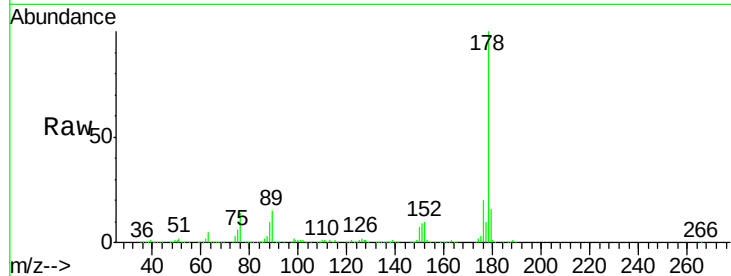
#71
 Anthracene
 Concen: 38.26 ng
 RT: 11.51 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:178 Resp: 1752502
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 16.1 13.0 19.4

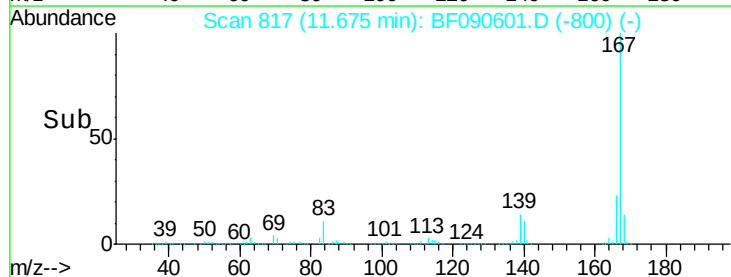
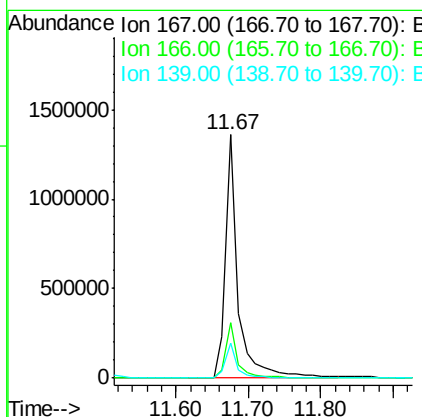
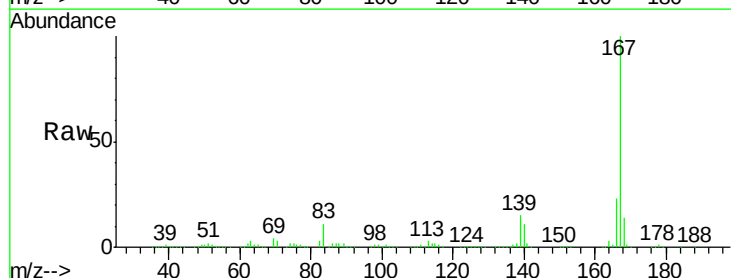
Manual Integrations
 APPROVED

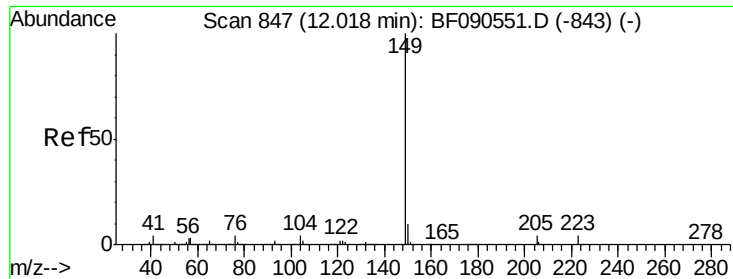
SOHIL
 10/18/2016 6:05:27 PM



#72
 Carbazole
 Concen: 40.44 ng
 RT: 11.67 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion:167 Resp: 1658180
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 14.5 11.3 16.9





#73

Di-n-butylphthalate

Concen: 42.03 ng

RT: 12.01 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2019245

Ion Ratio Lower Upper

149 100

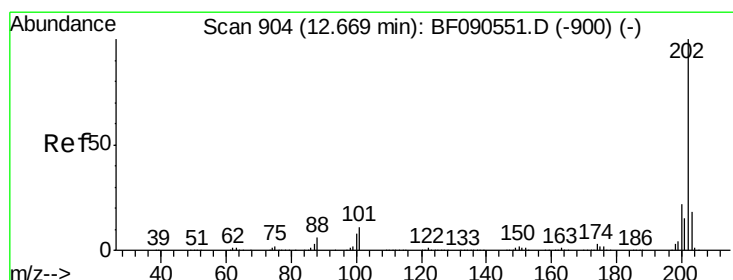
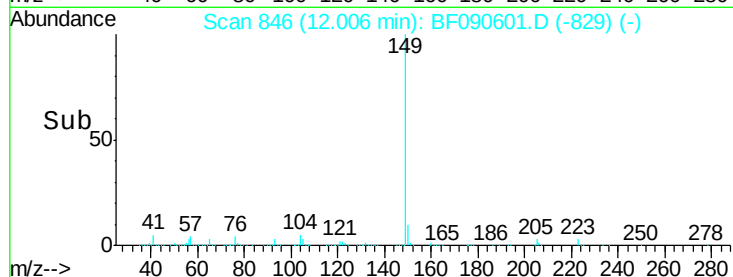
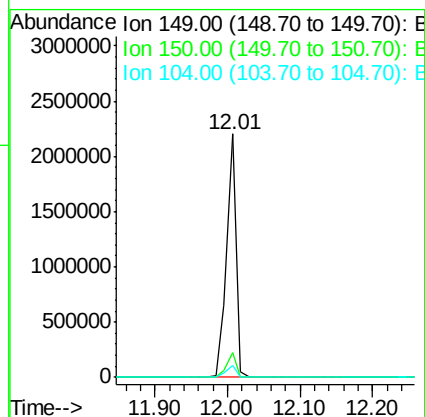
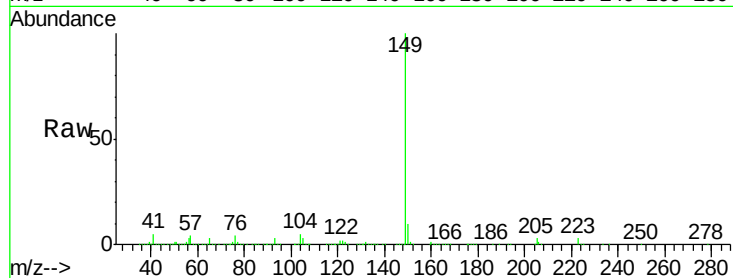
150 9.9 7.8 11.6

104 4.7 3.3 4.9

Manual Integrations
APPROVED

SOHIL

10/18/2016 6:05:27 PM



#74

Fluoranthene

Concen: 43.27 ng

RT: 12.66 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

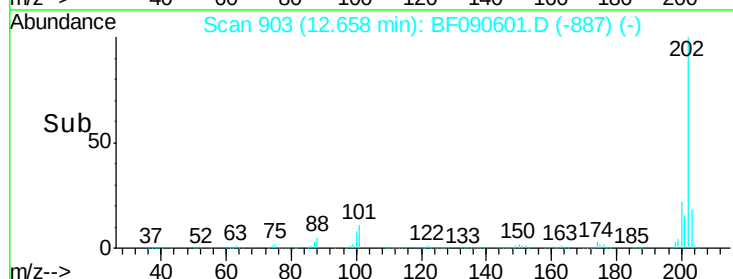
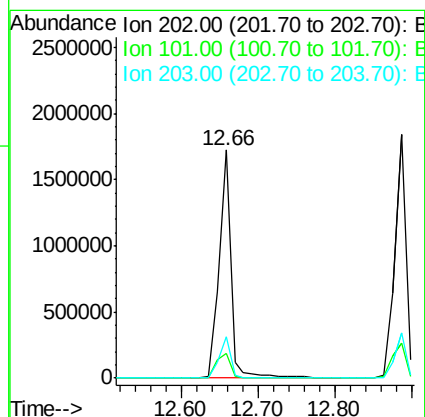
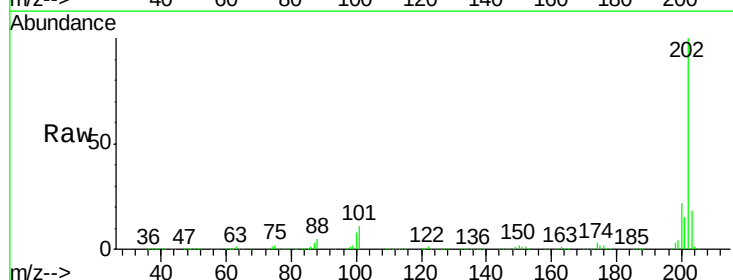
Tgt Ion:202 Resp: 1852421

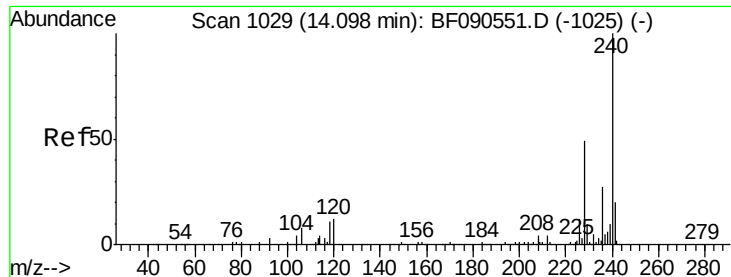
Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.1

203 18.3 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

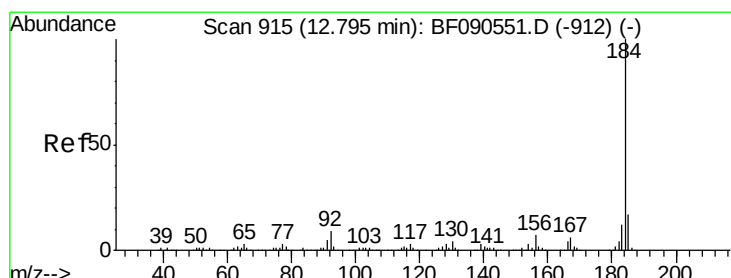
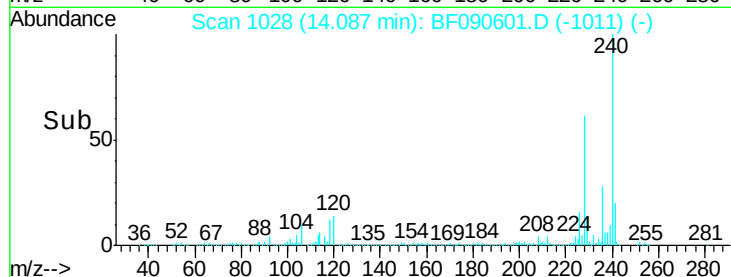
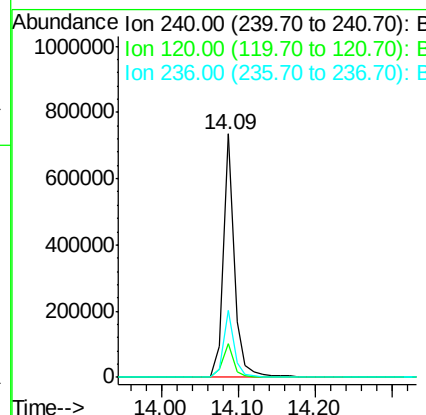
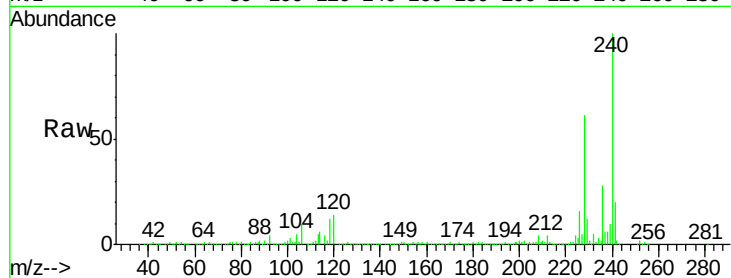
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.8	14.8
236	27.6	21.7	32.5

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



#76

Benzidine

Concen: 34.72 ng

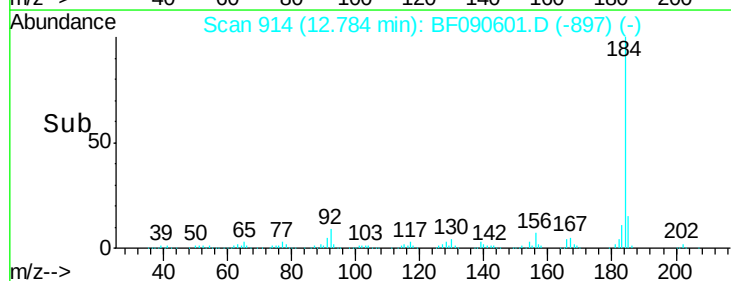
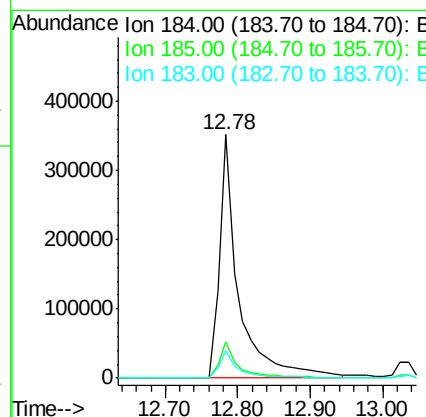
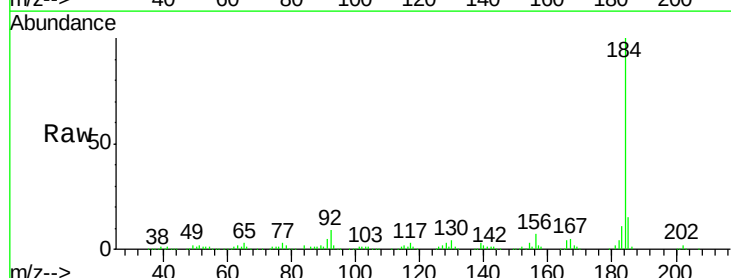
RT: 12.78 min Scan# 914

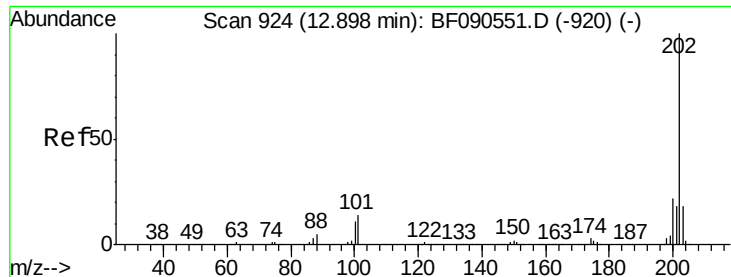
Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	11.5	9.4	14.0





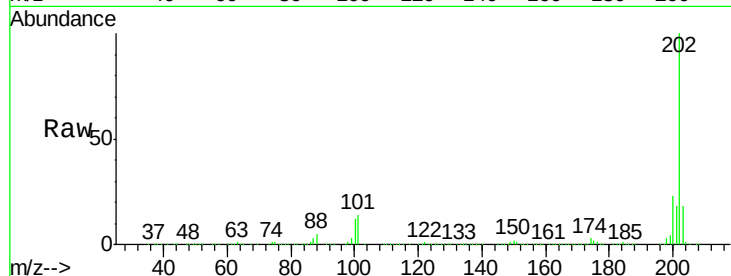
#77
Pvrene
Concen: 38.13 ng
RT: 12.89 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

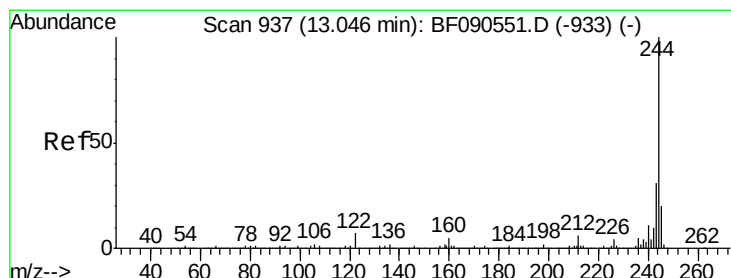
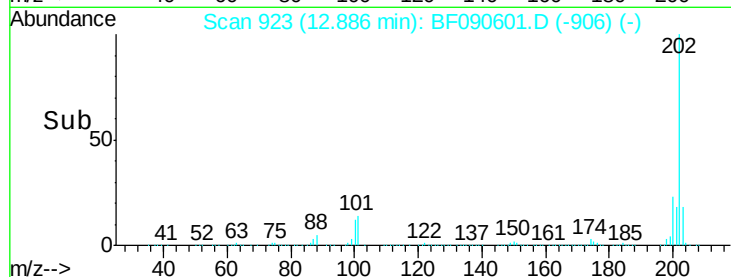
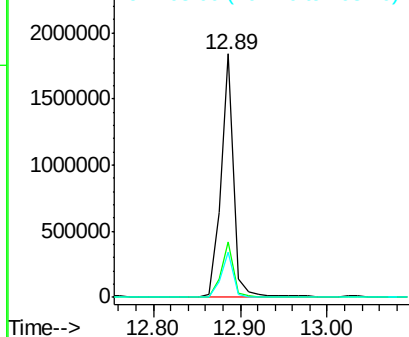
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.6
203	18.5	14.6	21.8

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



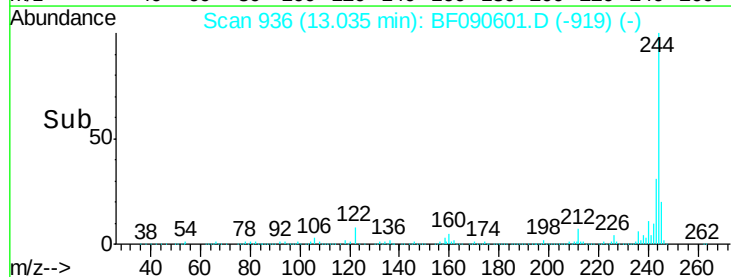
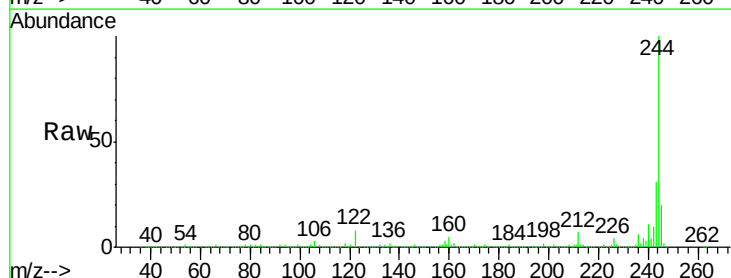
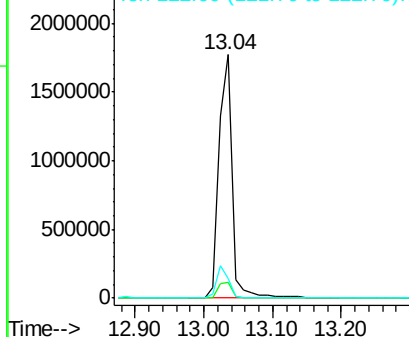
Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

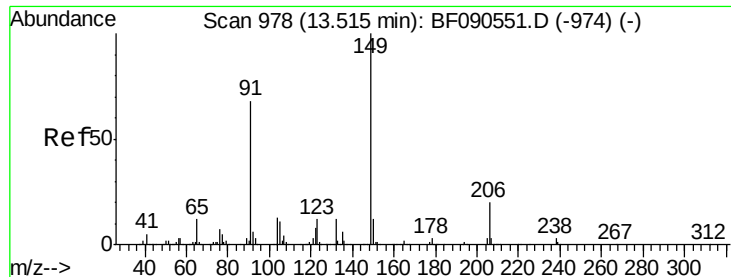


#78
Terphenyl-d14
Concen: 75.28 ng
RT: 13.04 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	7.8	5.6	8.4

Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.13 ng

RT: 13.50 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF090601.D

Acq: 17 Oct 2016 11:15

Instrument :

BNA_F

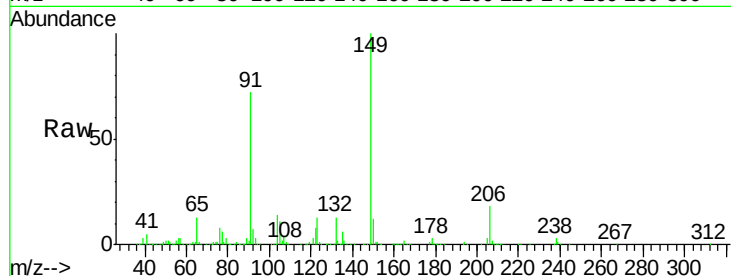
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	876825
Ion Ratio	Lower	Upper	
149	100		
91	71.5	54.3	81.5
206	17.9	15.8	23.6

Manual Integrations
APPROVED

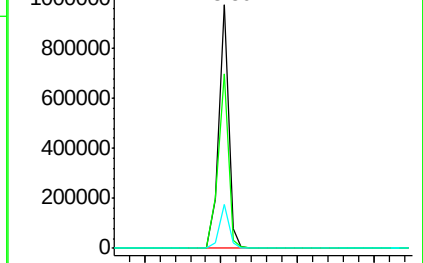
SOHIL
10/18/2016 6:05:27 PM



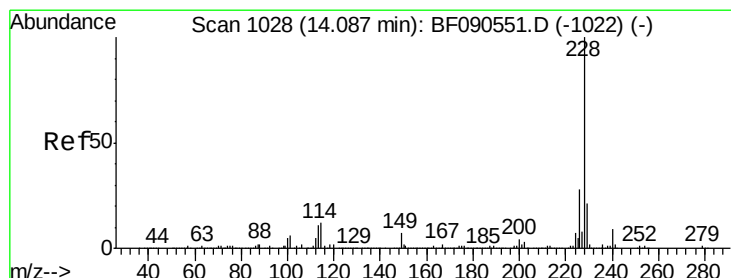
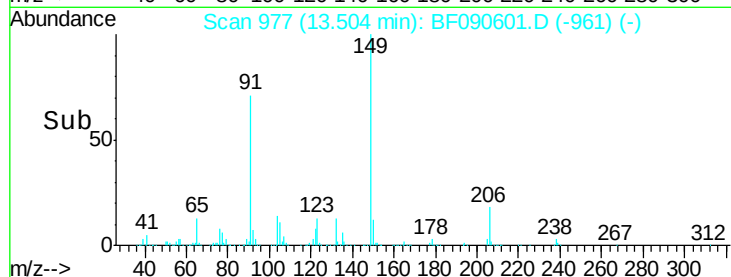
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 38.77 ng

RT: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090601.D

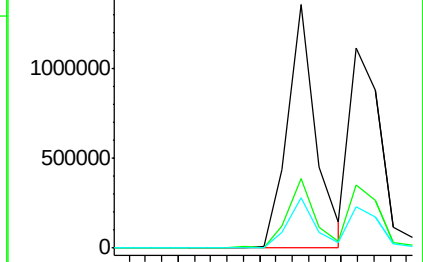
Acq: 17 Oct 2016 11:15

Tgt Ion:	228	Resp:	1643636
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.8	34.2
229	20.4	16.6	25.0

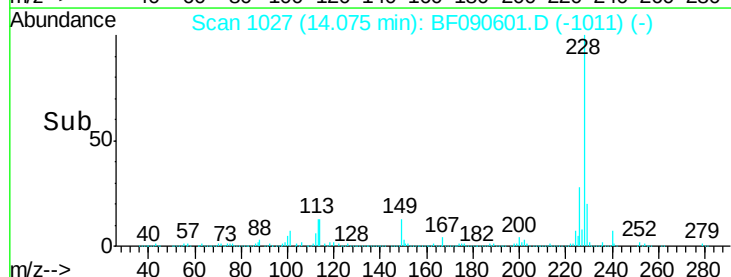
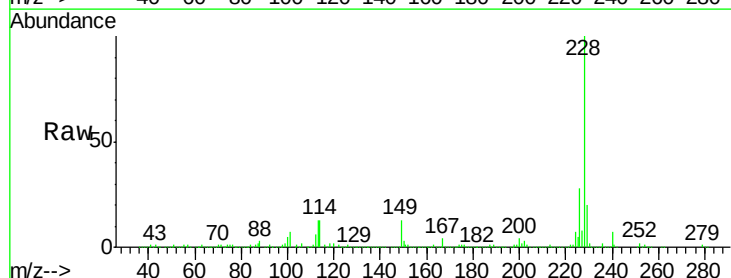
Abundance Ion 228.00 (227.70 to 228.70): E

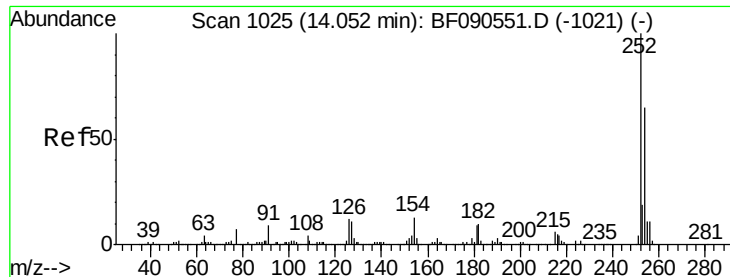
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





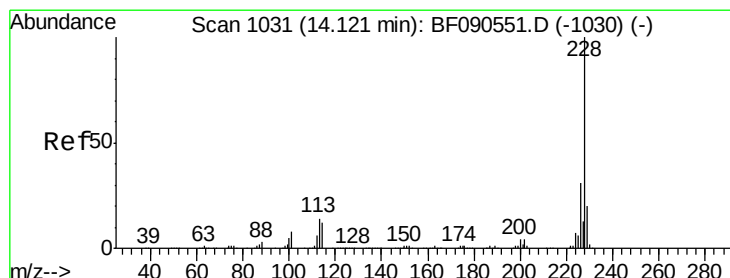
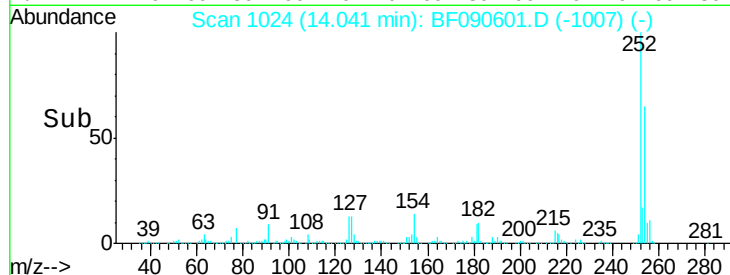
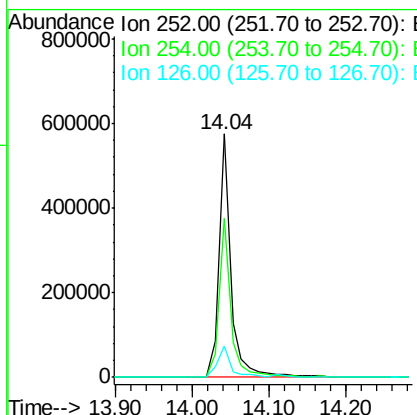
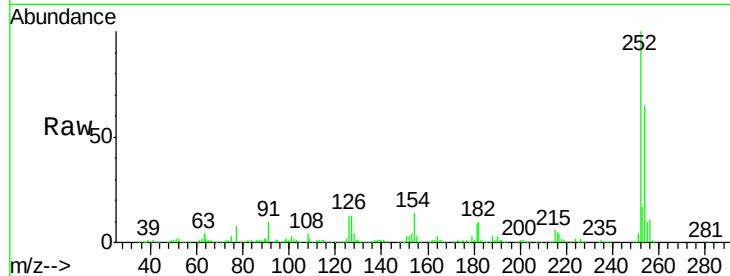
#81
 3,3'-Dichlorobenzidine
 Concen: 43.23 ng
 RT: 14.04 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.1	78.1
126	12.9	9.3	13.9

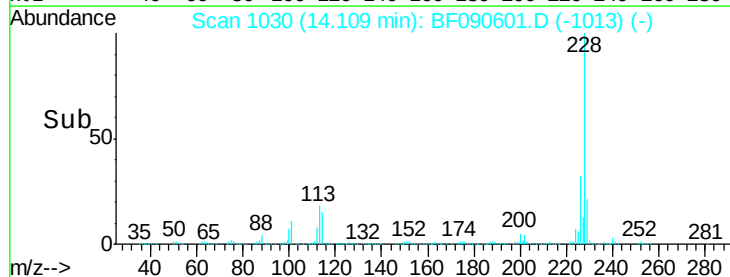
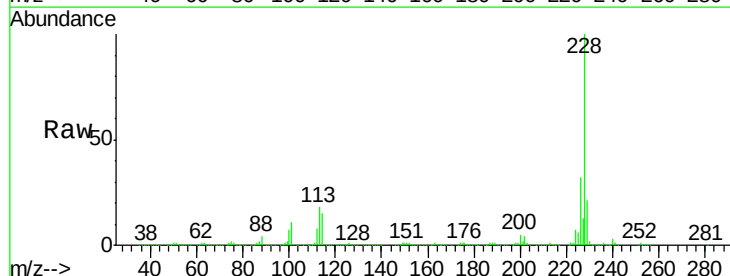
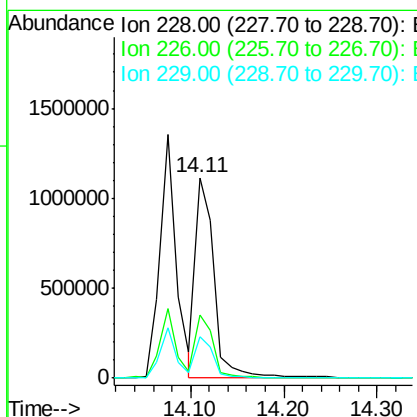
Manual Integrations
 APPROVED

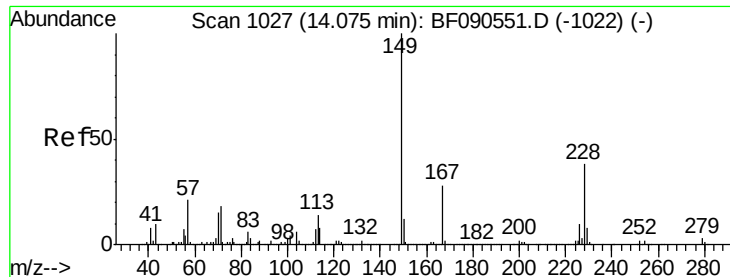
SOHIL
 10/18/2016 6:05:27 PM



#82
 Chrysene
 Concen: 37.97 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	20.7	16.2	24.4





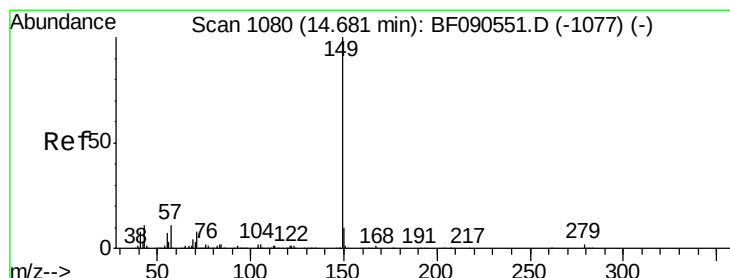
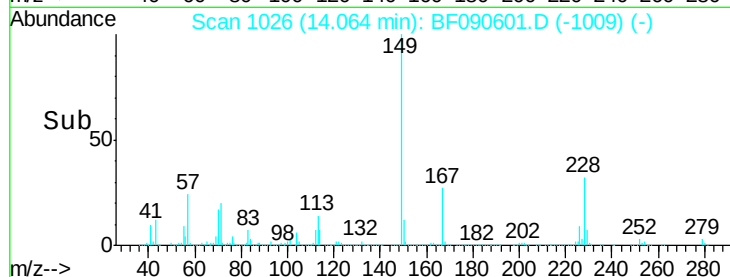
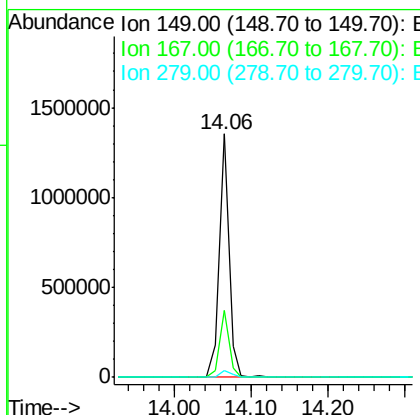
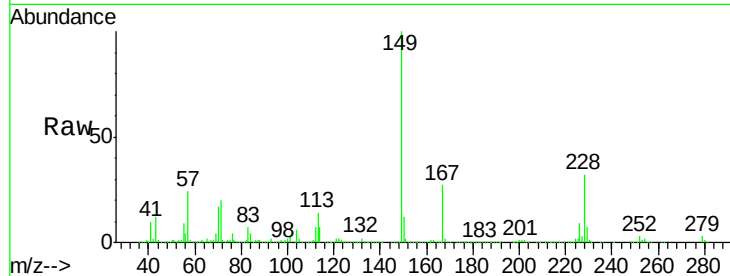
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.33 ng
 RT: 14.06 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1188812
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.1 33.1
 279 2.8 2.6 4.0

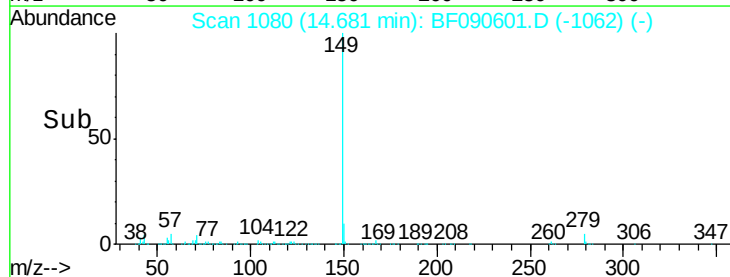
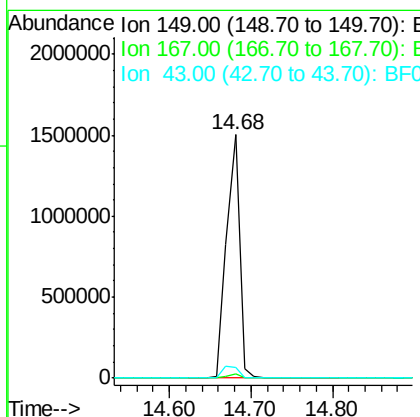
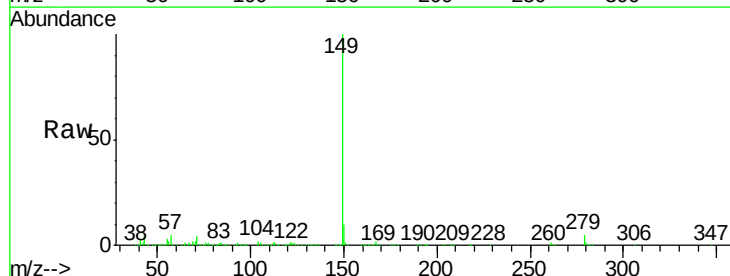
Manual Integrations
 APPROVED

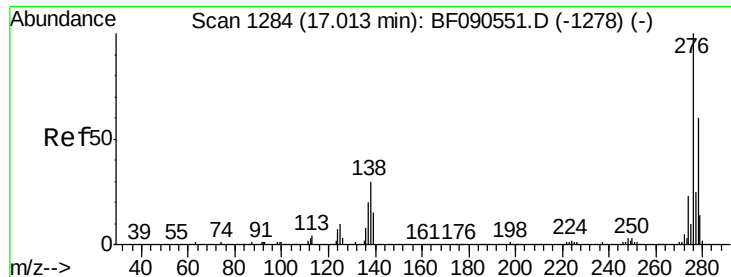
SOHIL
 10/18/2016 6:05:27 PM



#84
 Di-n-octyl phthalate
 Concen: 42.19 ng
 RT: 14.68 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Tgt Ion:149 Resp: 1667406
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 5.8 6.7 10.1#





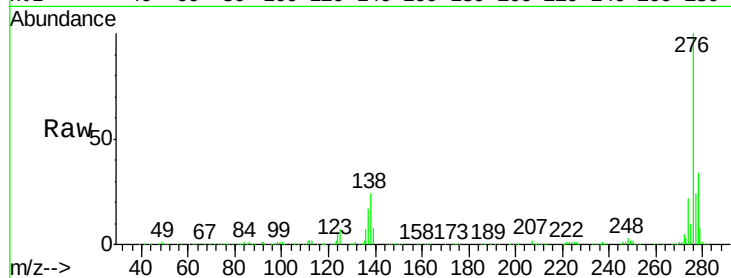
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.80 ng
RT: 16.99 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

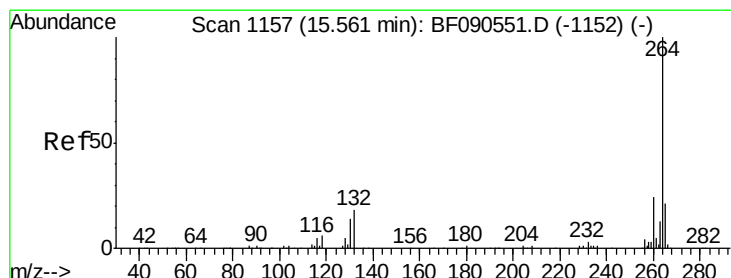
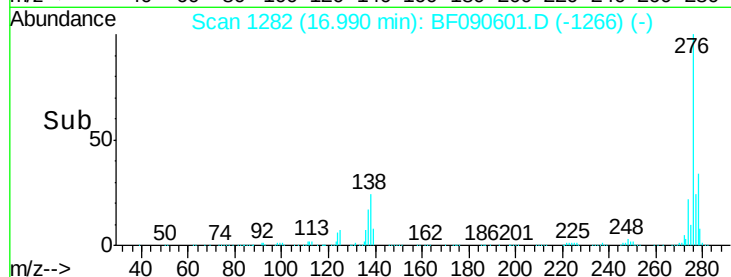
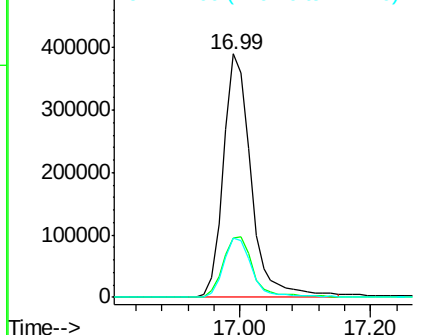
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.8	38.6
277	25.1	20.1	30.1

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM

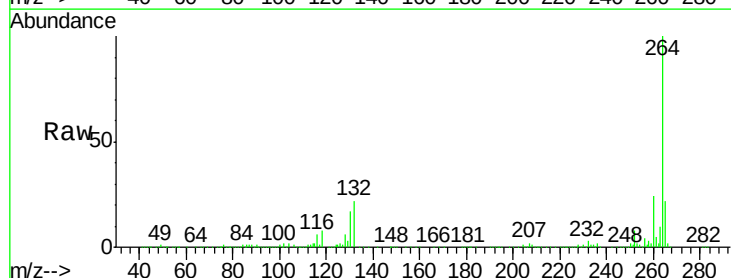


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

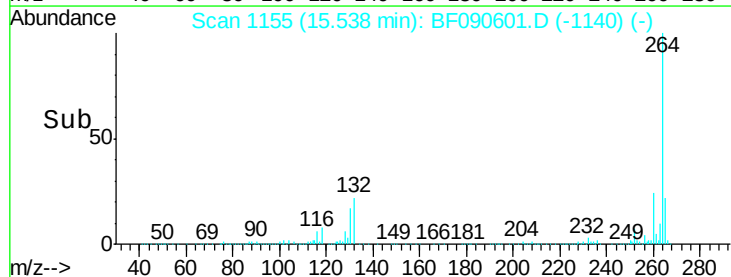
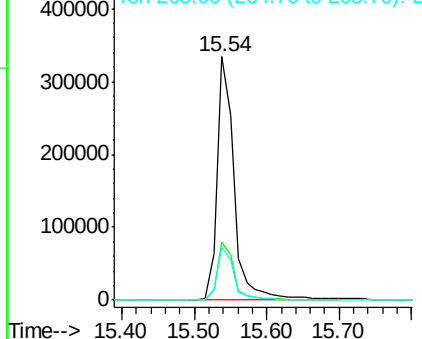


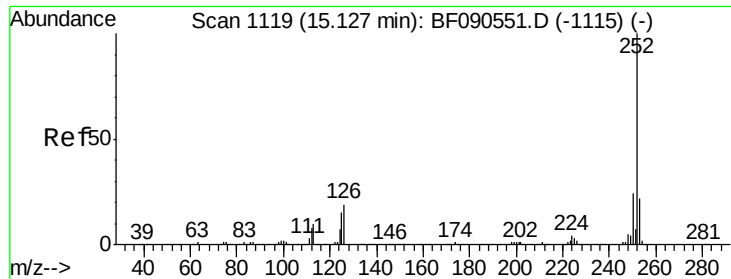
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.7	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





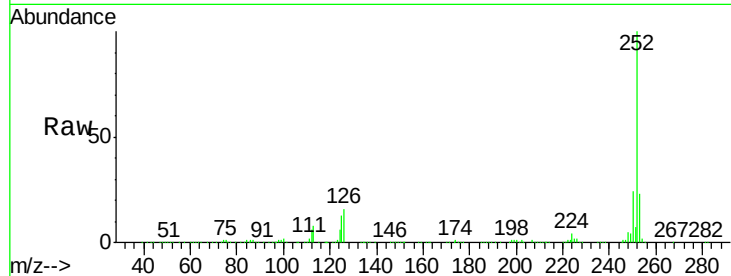
#87
Benzo(b)fluoranthene
Concen: 41.28 ng
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

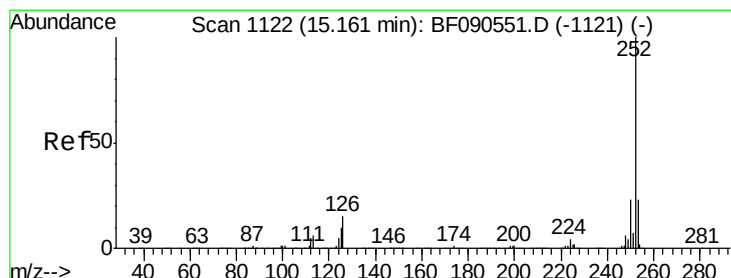
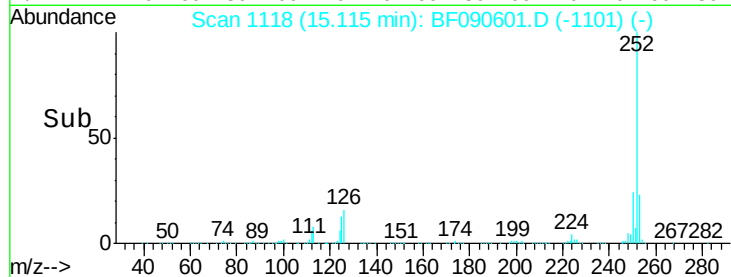
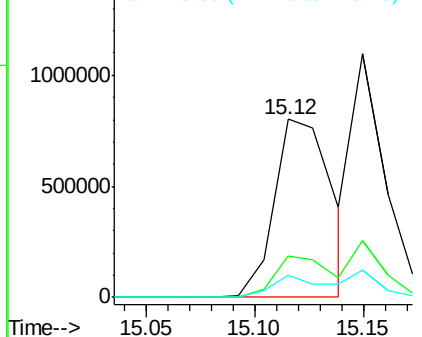
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	12.8	12.0	18.0

Manual Integrations
APPROVED

SOHIL
10/18/2016 6:05:27 PM



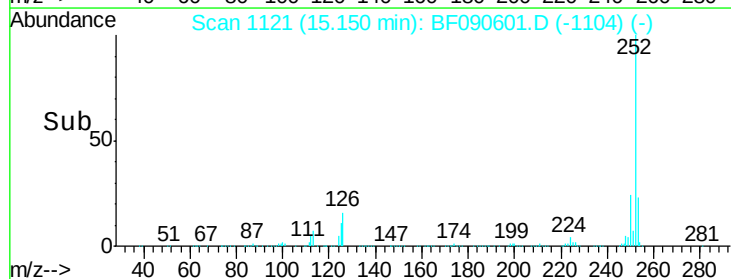
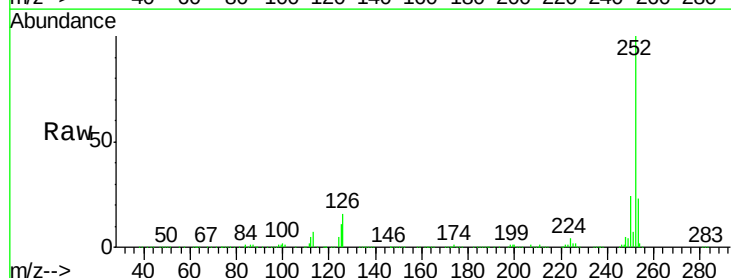
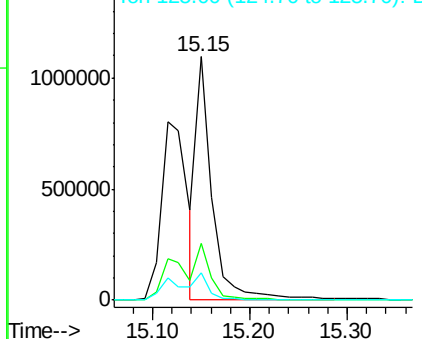
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

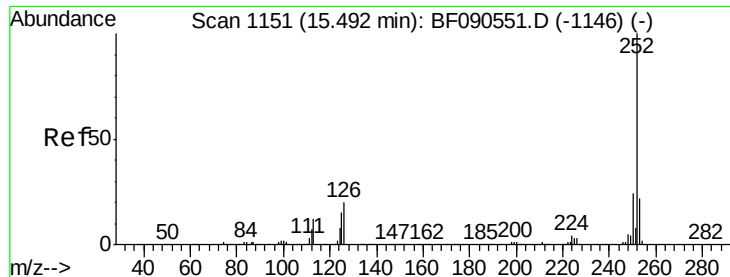


#88
Benzo(k)fluoranthene
Concen: 33.88 ng m
RT: 15.15 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.3	10.0	15.0

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





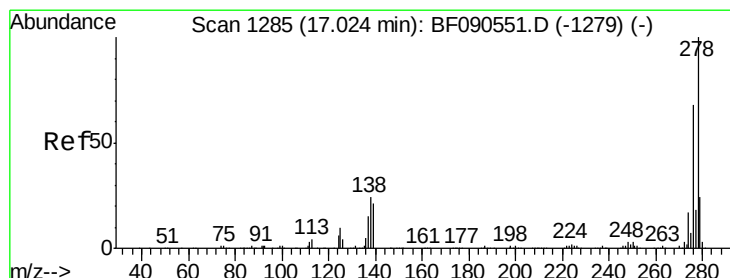
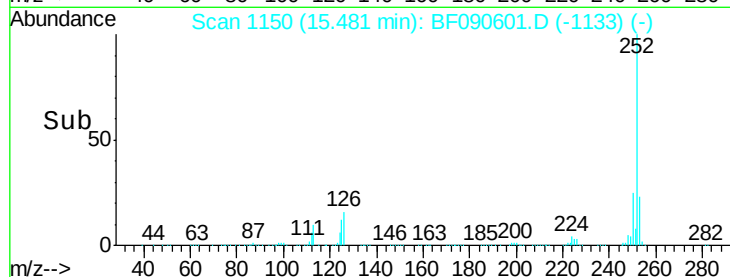
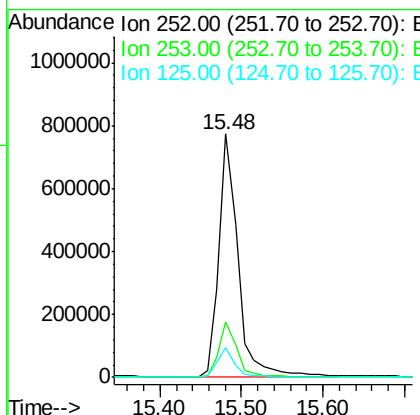
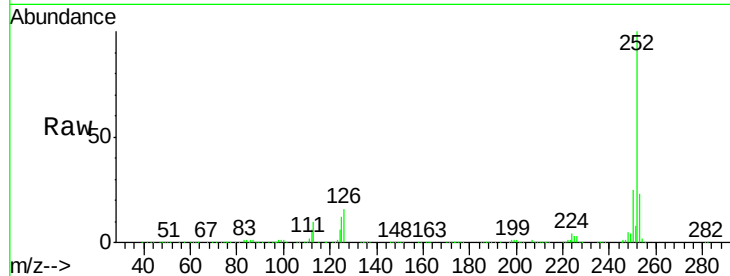
#89
Benzo(a)pyrene
Concen: 38.54 ng
RT: 15.48 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1257249
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.5 12.3 18.5

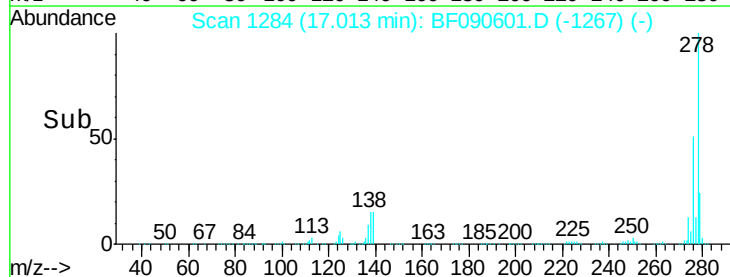
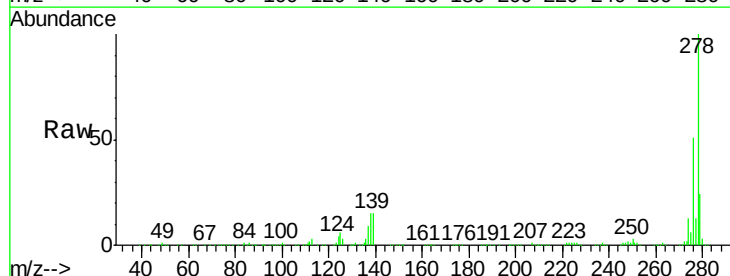
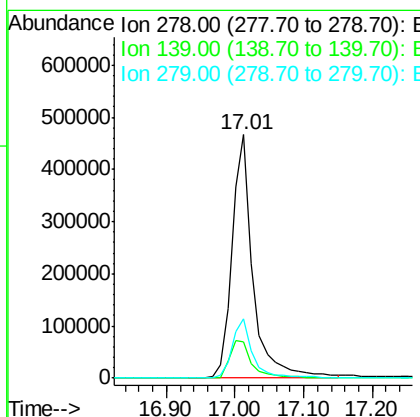
Manual Integrations
APPROVED

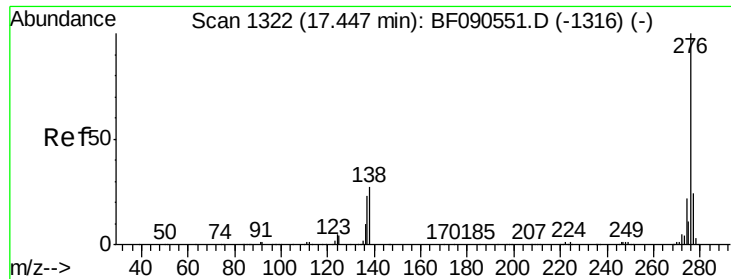
SOHIL
10/18/2016 6:05:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.39 ng
RT: 17.01 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF090601.D
Acq: 17 Oct 2016 11:15

Tgt Ion:278 Resp: 1004728
Ion Ratio Lower Upper
278 100
139 14.9 16.6 25.0#
279 24.2 19.1 28.7





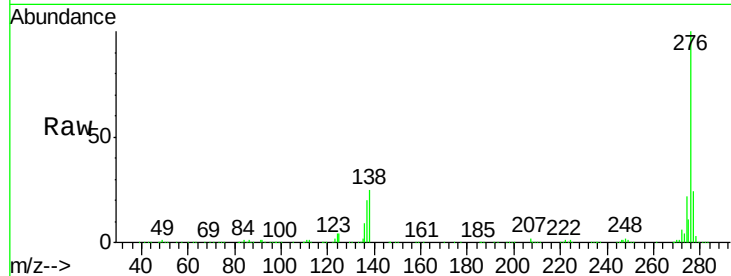
#91
 Benzo(a,h,i)perylene
 Concen: 39.63 ng
 RT: 17.42 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF090601.D
 Acq: 17 Oct 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	940101
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	24.6	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:27 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

