

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088890.D
 Acq On : 10 Jul 2016 00:55
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

sohil
 7/11/2016 7:16:07 PM

Quant Time: Jul 11 06:47:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93173	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	400051	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	186900	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	354313	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	193221	20.00	ng	-0.01
86) Perylene-d12	15.23	264	193055	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	456790	73.48	ng	-0.02
7) Phenol-d6	6.36	99	601751	74.91	ng	-0.01
23) Nitrobenzene-d5	7.29	82	557181	72.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	166331	95.84	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1022566	86.42	ng	-0.01
78) Terphenyl-d14	12.82	244	920940	106.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	102872	33.38	ng	# 35
3) Pyridine	2.88	79	309195	34.57	ng	91
4) n-Nitrosodimethylamine	2.84	42	114097	33.39	ng	93
6) Aniline	6.39	93	424407	36.25	ng	# 82
8) 2-Chlorophenol	6.51	128	268947	40.25	ng	83
9) Benzaldehyde	6.26	77	173175	31.83	ng	86
10) Phenol	6.38	94	296654	32.36	ng	# 41
11) bis(2-Chloroethyl)ether	6.47	93	277610	40.61	ng	86
12) 1,3-Dichlorobenzene	6.66	146	286980	39.03	ng	98
13) 1,4-Dichlorobenzene	6.74	146	309520	42.41	ng	98
14) 1,2-Dichlorobenzene	6.90	146	257296	37.67	ng	99
15) Benzyl Alcohol	6.87	79	221006	37.38	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	318370	32.16	ng	85
17) 2-Methylphenol	6.99	107	225256	41.32	ng	97
18) Hexachloroethane	7.23	117	110477	39.13	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	187450	34.74	ng	90
20) 3+4-Methylphenols	7.15	107	273212	41.76	ng	# 76
22) Acetophenone	7.14	105	378062	38.94	ng	# 90
24) Nitrobenzene	7.31	77	306962	39.88	ng	# 85
25) Isophorone	7.55	82	522757	36.97	ng	96
26) 2-Nitrophenol	7.63	139	139326	44.14	ng	# 74
27) 2,4-Dimethylphenol	7.68	122	269698	41.03	ng	92
28) bis(2-Chloroethoxy)methane	7.77	93	343692	37.35	ng	# 96
29) 2,4-Dichlorophenol	7.87	162	230799	43.44	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	235491	40.39	ng	99
31) Naphthalene	8.03	128	818563	41.50	ng	99
32) Benzoic acid	7.82	122	139224	29.17	ng	95
33) 4-Chloroaniline	8.08	127	335131	38.19	ng	96
34) Hexachlorobutadiene	8.16	225	143383	45.93	ng	99
35) Caprolactam	8.47	113	69544	38.54	ng	# 89
36) 4-Chloro-3-methylphenol	8.57	107	240987	38.36	ng	90
37) 2-Methylnaphthalene	8.72	142	475492	37.44	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	262821	42.28	ng	# 1
40) Hexachlorocyclopentadiene	8.88	237	97823	32.06	ng	99

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088890.D
 Acq On : 10 Jul 2016 00:55
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

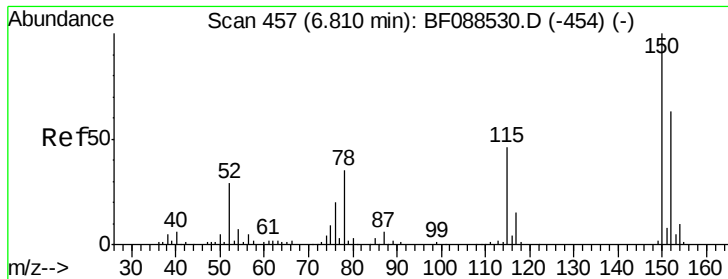
Manual Integrations

sohil
 7/11/2016 7:16:07 PM

Quant Time: Jul 11 06:47:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	174240	42.51	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	137617	39.03	nq #	84
45) 1,1'-Biphenyl	9.19	154	609171	39.36	nq	98
46) 2-Chloronaphthalene	9.21	162	494591	40.71	nq	98
47) 2-Nitroaniline	9.30	65	149679	34.71	nq	98
48) Acenaphthylene	9.62	152	764791	39.56	nq	99
49) Dimethylphthalate	9.50	163	543862	40.84	nq	100
50) 2,6-Dinitrotoluene	9.55	165	131776	44.65	nq #	64
51) Acenaphthene	9.79	154	446626	37.69	nq	98
52) 3-Nitroaniline	9.72	138	162341	43.27	nq #	71
53) 2,4-Dinitrophenol	9.82	184	25487	19.56	nq #	79
54) Dibenzofuran	9.96	168	630403	40.64	nq #	88
55) 4-Nitrophenol	9.88	139	118131	41.44	nq #	83
56) 2,4-Dinitrotoluene	9.95	165	176556	45.76	nq #	62
57) Fluorene	10.31	166	548537	45.89	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	108010	39.59	nq #	50
59) Diethylphthalate	10.19	149	611698	45.78	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	217656	39.19	nq #	85
61) 4-Nitroaniline	10.33	138	144918	40.14	nq	83
62) Azobenzene	10.46	77	549573	36.06	nq	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	51706	27.28	nq #	51
65) n-Nitrosodiphenylamine	10.42	169	468417	39.06	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	148022	41.46	nq #	85
67) Hexachlorobenzene	10.86	284	178999	45.29	nq #	73
68) Atrazine	10.95	200	140990	37.73	nq	91
69) Pentachlorophenol	11.04	266	73271	31.32	nq	96
70) Phenanthrene	11.26	178	699074	36.09	nq	100
71) Anthracene	11.31	178	815373	42.34	nq	100
72) Carbazole	11.46	167	672876	37.12	nq	99
73) Di-n-butylphthalate	11.81	149	797795	37.84	nq	99
74) Fluoranthene	12.45	202	791749	40.32	nq	93
76) Benzidine	12.56	184	328343	33.62	nq	99
77) Pyrene	12.66	202	710822	43.39	nq	100
79) Butylbenzylphthalate	13.29	149	316963	43.37	nq #	74
80) Benzo(a)anthracene	13.85	228	493090	39.63	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	184662	39.48	nq #	96
82) Chrysene	13.89	228	457523	37.17	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	427855	51.28	nq #	97
84) Di-n-octyl phthalate	14.47	149	637185	44.96	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	510131	53.87	nq #	100
87) Benzo(b)fluoranthene	14.86	252	491941m	40.62	nq	
88) Benzo(k)fluoranthene	14.88	252	332465m	31.53	nq	
89) Benzo(a)pyrene	15.18	252	400459	39.06	nq	98
90) Dibenzo(a,h)anthracene	16.55	278	430949	50.33	nq	99
91) Benzo(g,h,i)perylene	16.93	276	451386	50.95	nq	97

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



#1

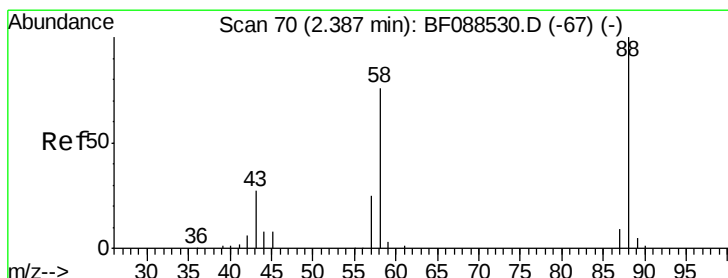
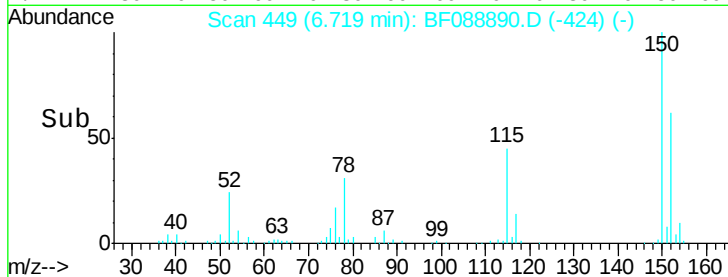
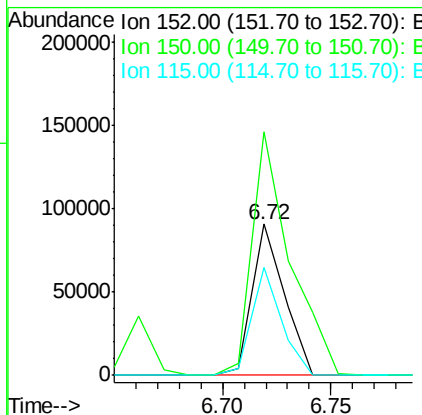
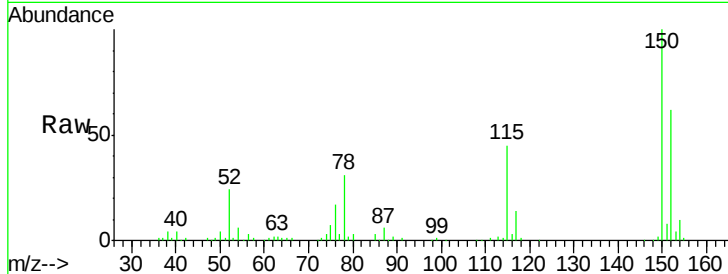
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	71.7	39.6	59.4

Manual Integrations

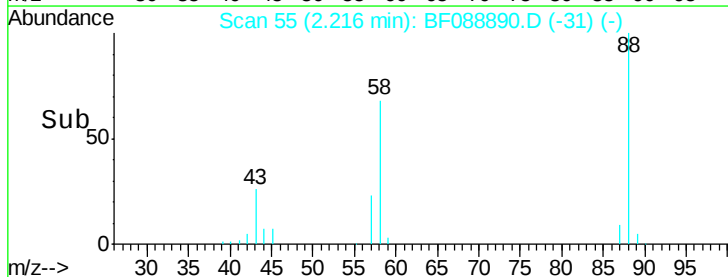
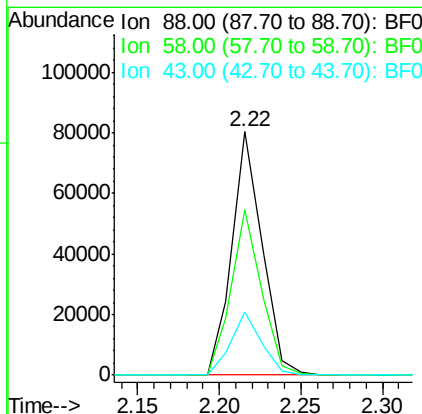
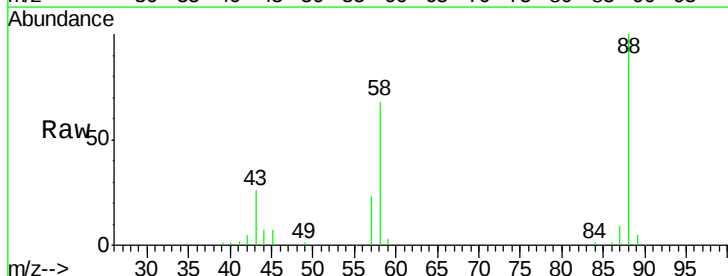
sohil
7/11/2016 7:16:07 PM

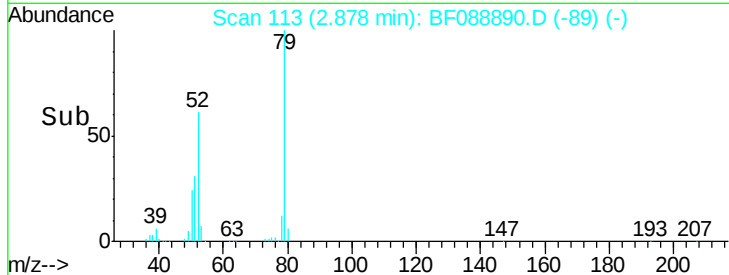
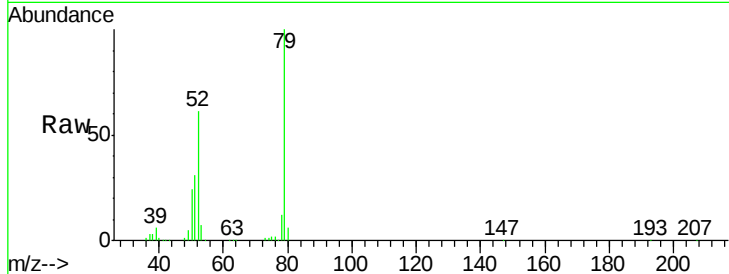
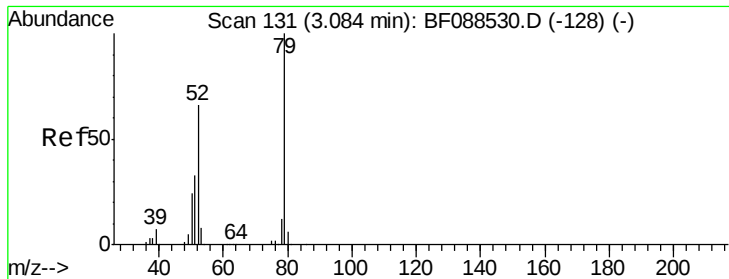


#2

1,4-Dioxane
Concen: 33.38 ng
RT: 2.22 min Scan# 55
Delta R.T. -0.02 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	0.0	0.0
43	25.8	3.4	5.2





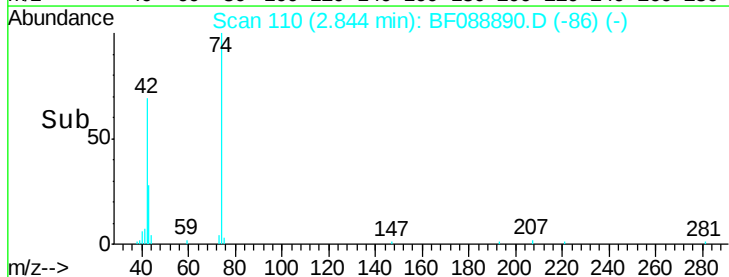
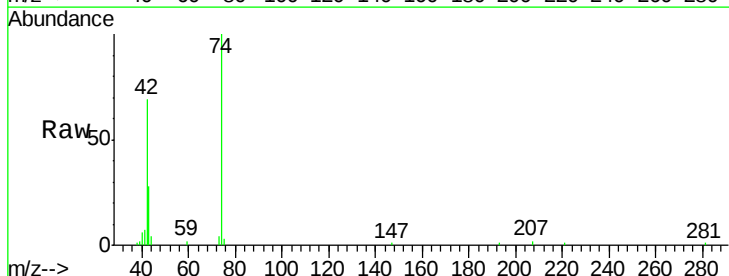
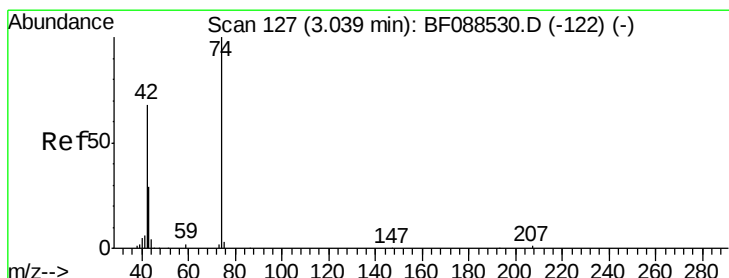
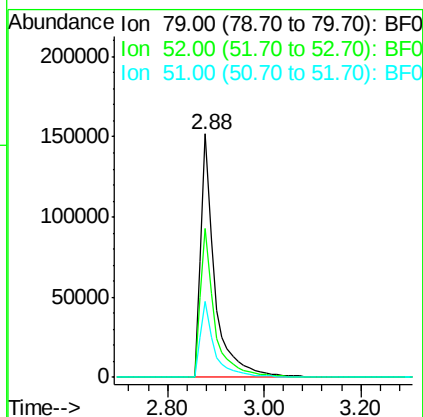
#3
Pvridine
Concen: 34.57 ng
RT: 2.88 min Scan# 113
Delta R.T. -0.02 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tot Ion:	79	Resp:	309195
Ion	Ratio	Lower	Upper
79	100		
52	61.3	56.3	84.5
51	31.2	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

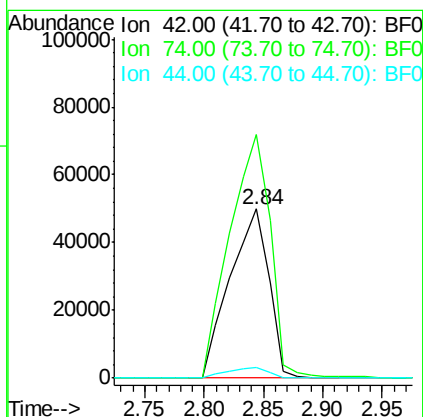
Manual Integrations

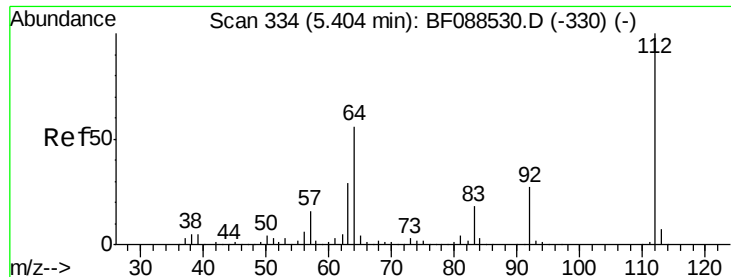
sohil
7/11/2016 7:16:07 PM



#4
n-Nitrosodimethylamine
Concen: 33.39 ng
RT: 2.84 min Scan# 110
Delta R.T. -0.02 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion:	42	Resp:	114097
Ion	Ratio	Lower	Upper
42	100		
74	144.1	108.6	163.0
44	6.2	5.5	8.3





#5

2-Fluorophenol

Concen: 73.48 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

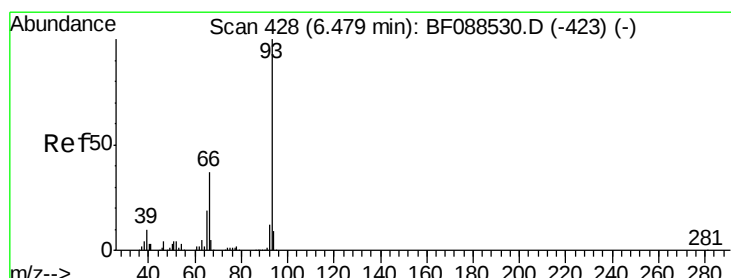
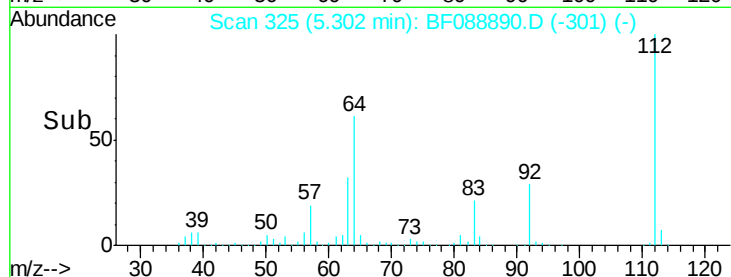
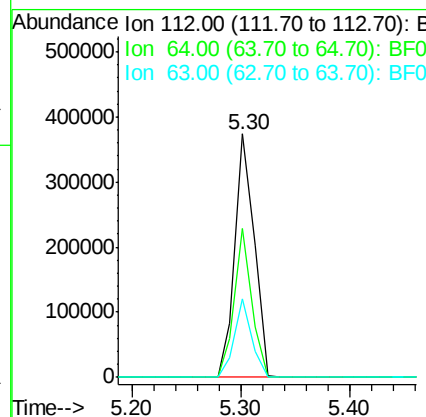
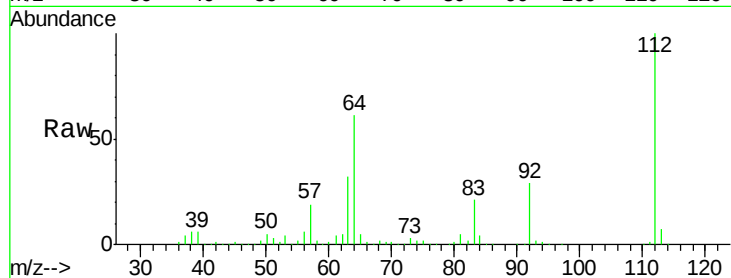
SSTDCCC040

Tot Ion:	112	Resp:	456790
Ion Ratio	Lower	Upper	
112	100		
64	60.9	42.2	63.2
63	32.5	21.8	32.8

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#6

Aniline

Concen: 36.25 ng

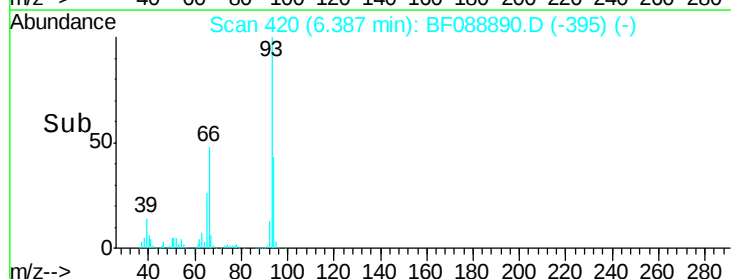
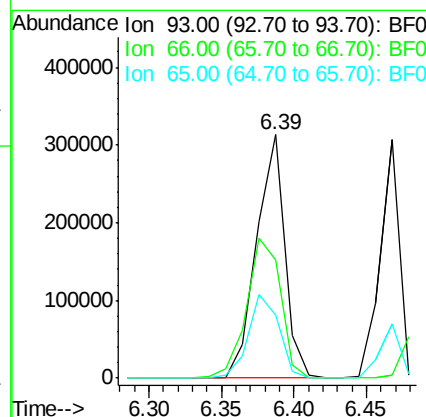
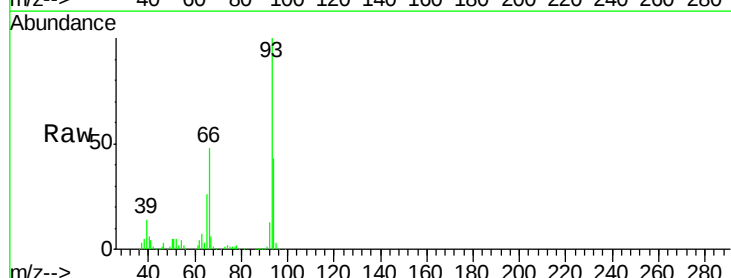
RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	93	Resp:	424407
Ion Ratio	Lower	Upper	
93	100		
66	48.4	29.8	44.8#
65	25.7	14.9	22.3#





#7

Phenol-d6

Concen: 74.91 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

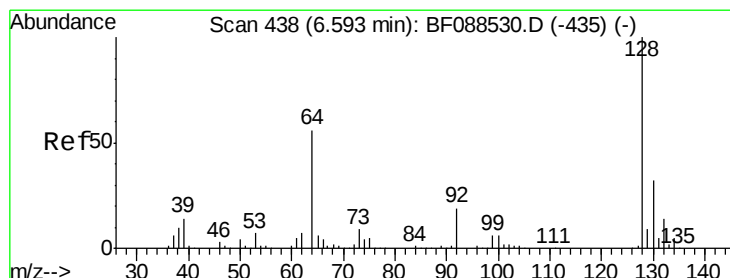
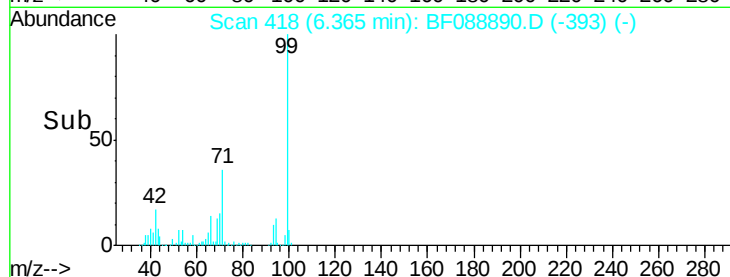
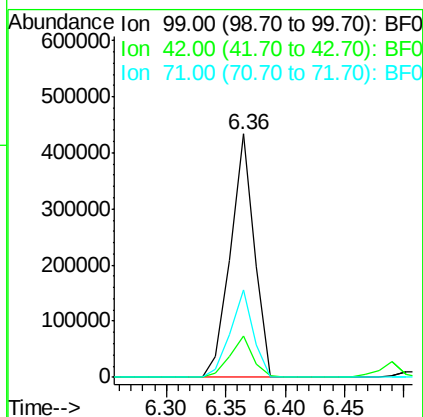
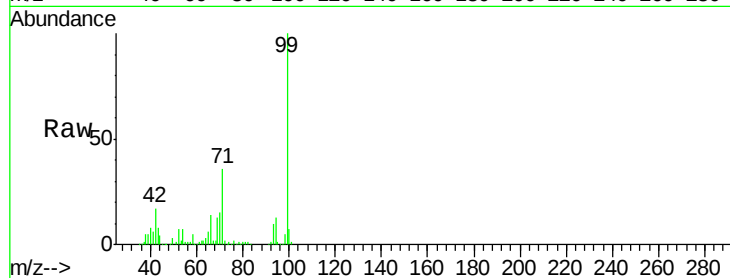
SSTDCCC040

Tot Ion:	99	Resp:	601751
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.2	18.2
71	36.0	23.4	35.0#

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#8

2-Chlorophenol

Concen: 40.25 ng

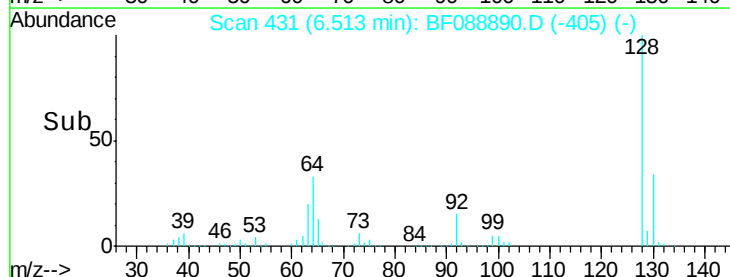
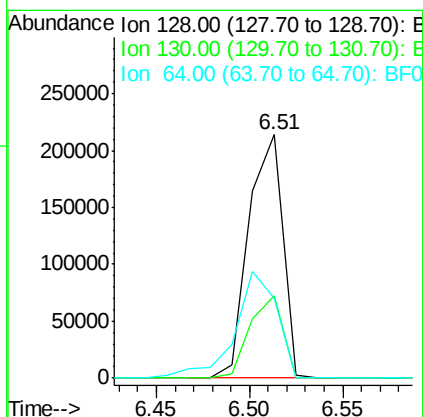
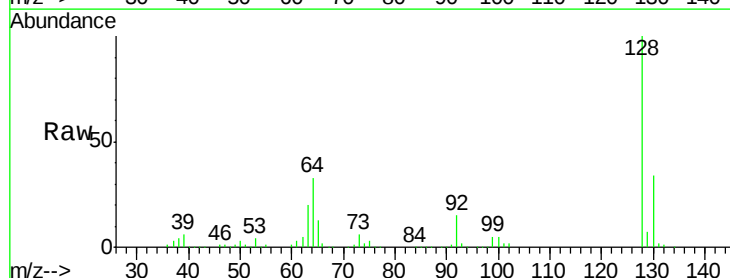
RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	128	Resp:	268947
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.0	52.0
64	32.6	30.8	70.8





#9

Benzaldehyde

Concen: 31.83 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

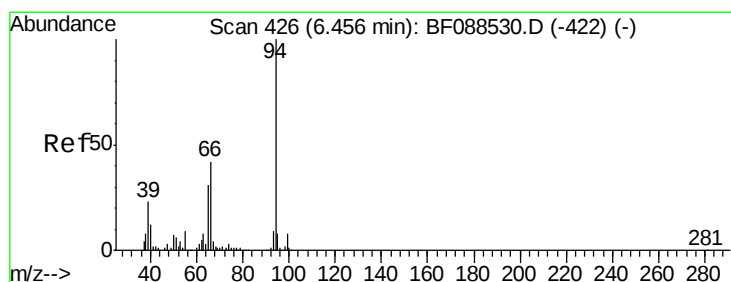
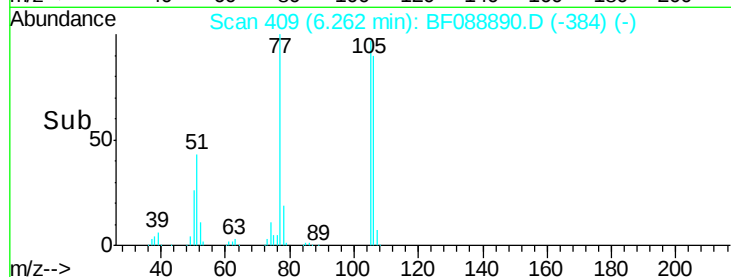
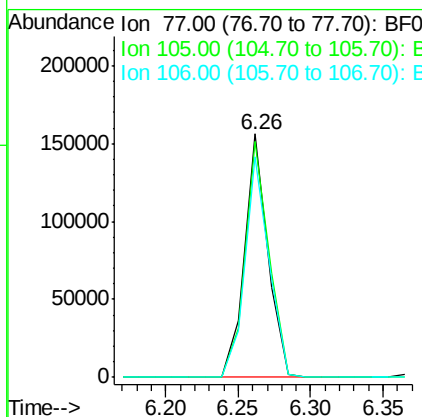
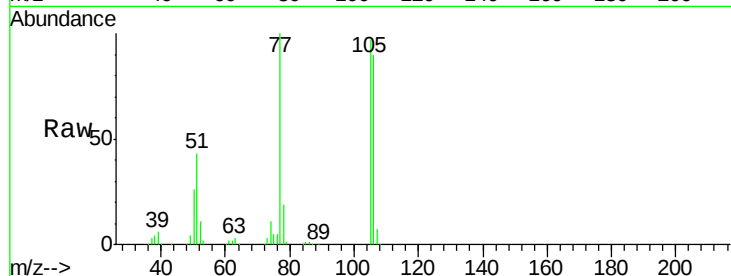
SSTDCCC040

Tot Ion:	77	Resp:	173175
Ion	Ratio	Lower	Upper
77	100		
105	96.9	90.6	130.6
106	90.3	85.3	125.3

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#10

Phenol

Concen: 32.36 ng

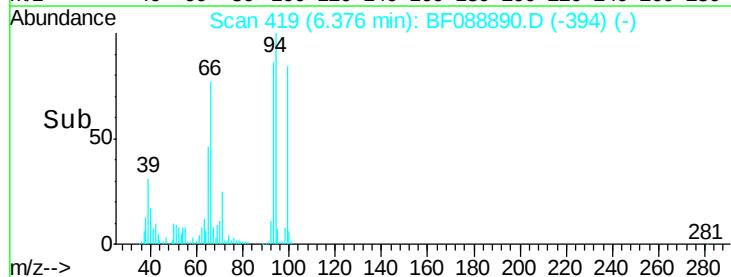
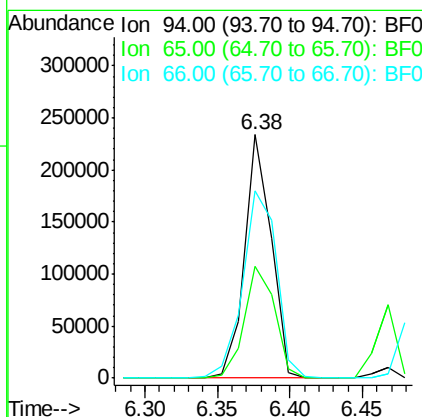
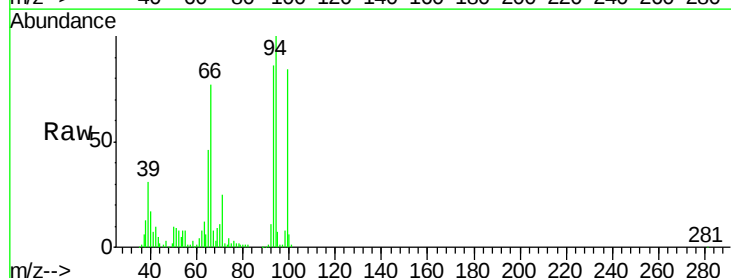
RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	94	Resp:	296654
Ion	Ratio	Lower	Upper
94	100		
65	45.7	5.9	45.9
66	76.9	14.0	54.0#





#11

bis(2-Chloroethyl)ether

Concen: 40.61 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 277610

Ion Ratio Lower Upper

93 100

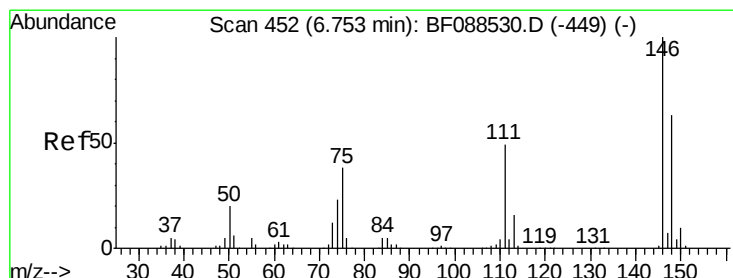
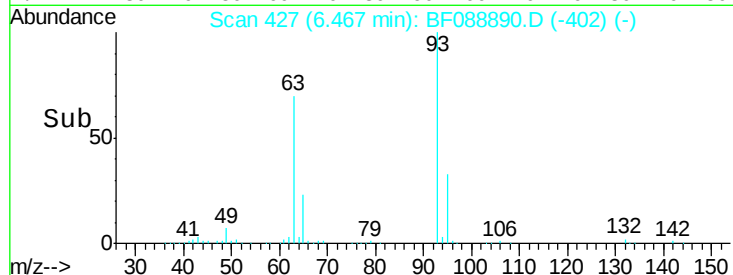
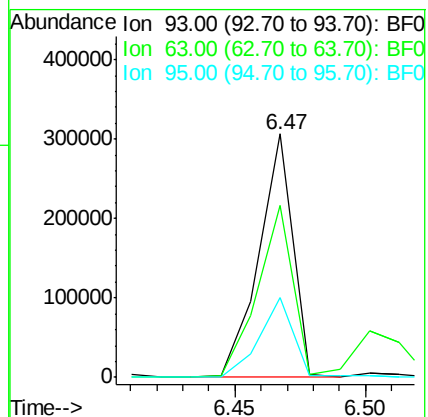
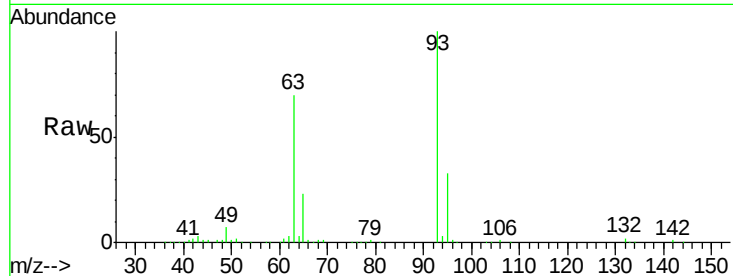
63 70.4 67.6 107.6

95 32.7 12.5 52.5

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#12

1,3-Dichlorobenzene

Concen: 39.03 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

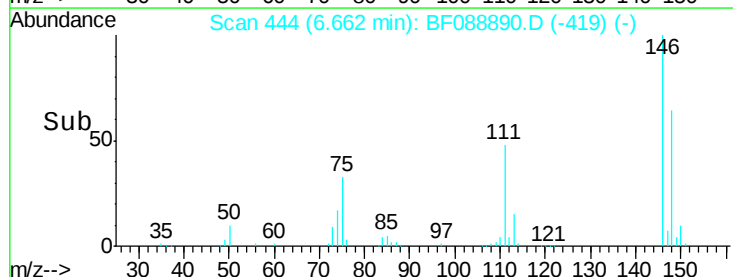
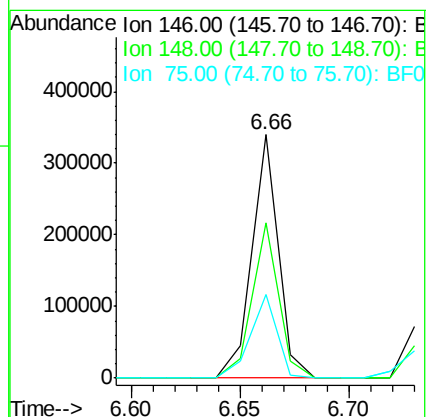
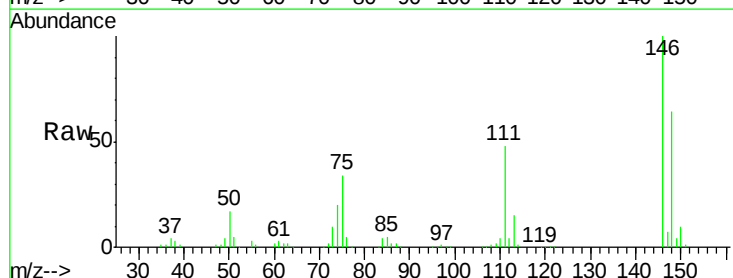
Tgt Ion: 146 Resp: 286980

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 34.3 25.6 38.4





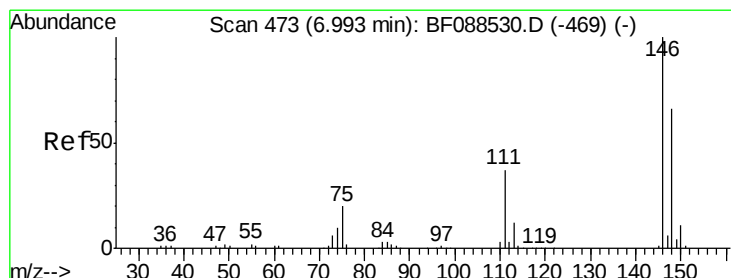
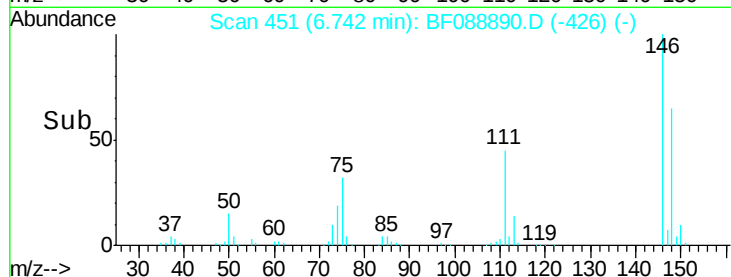
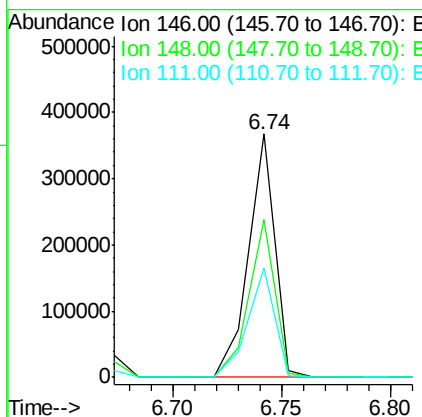
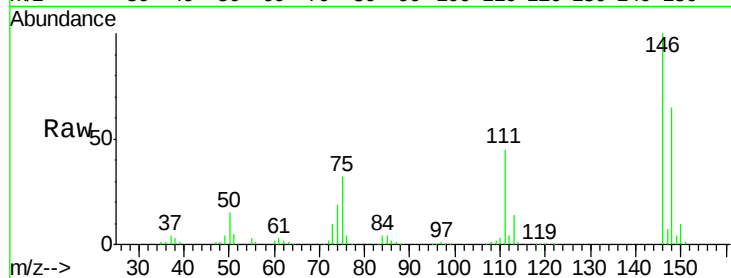
#13
 1,4-Dichlorobenzene
 Concen: 42.41 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	44.9	33.8	50.8

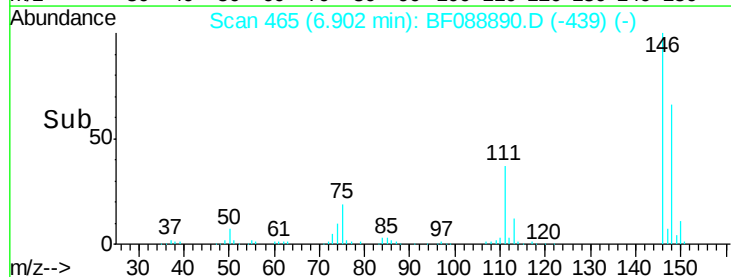
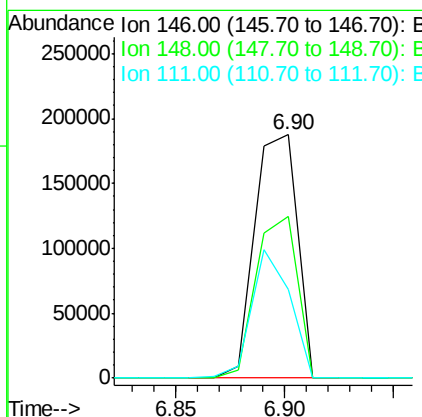
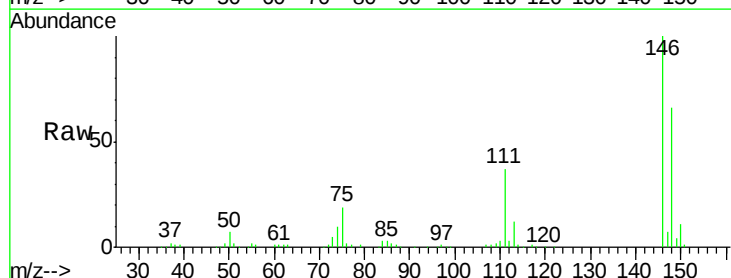
Manual Integrations

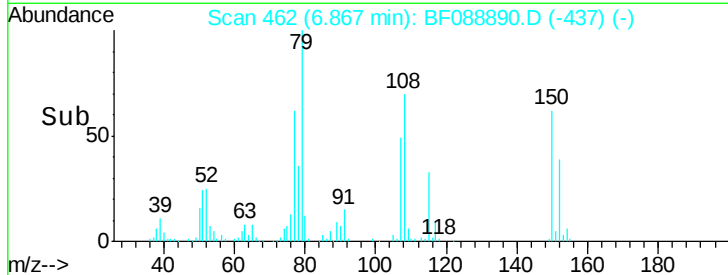
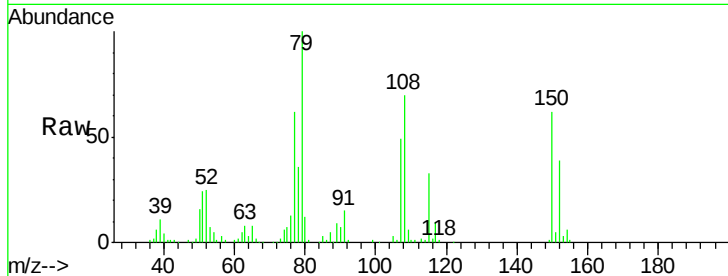
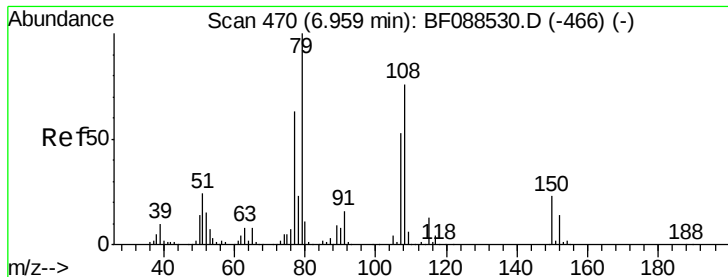
sohil
 7/11/2016 7:16:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.67 ng
 RT: 6.90 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.3	78.5
111	36.5	28.7	43.1





#15

Benzyl Alcohol

Concen: 37.38 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF088890.D

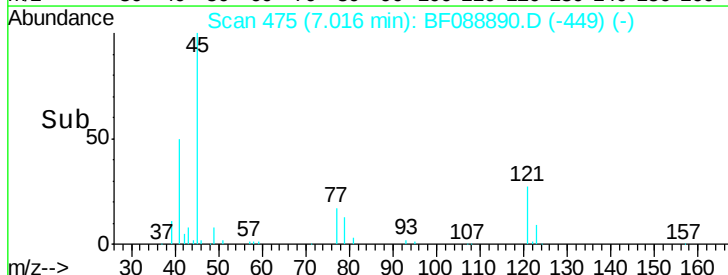
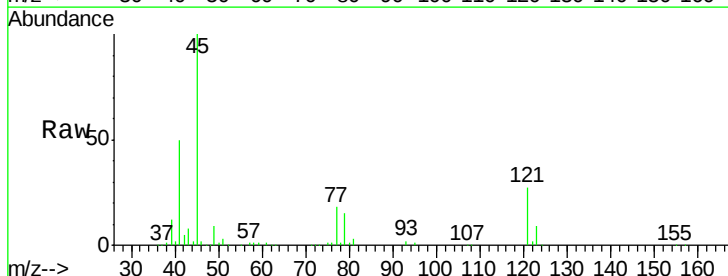
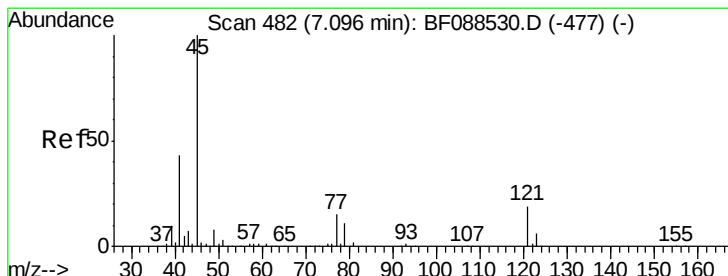
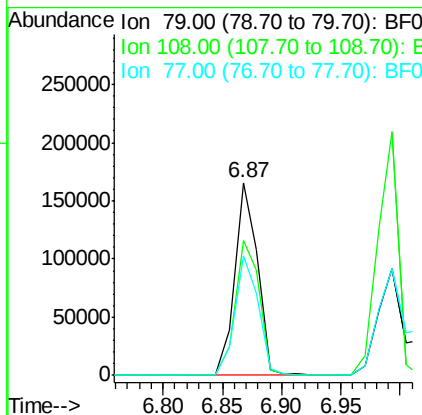
Acq: 10 Jul 2016 00:55

Tot Ion:	79	Resp:	221006
Ion Ratio	Lower	Upper	
79	100		
108	69.8	65.0	97.6
77	62.1	50.3	75.5

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Manual Integrations

sohil
7/11/2016 7:16:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.16 ng

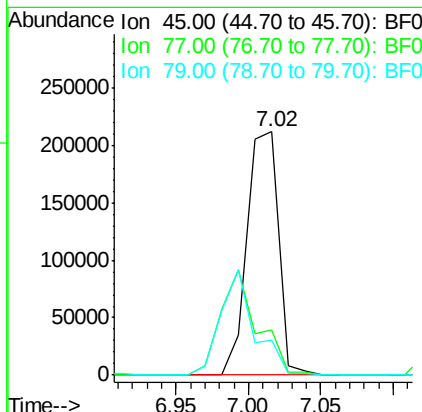
RT: 7.02 min Scan# 475

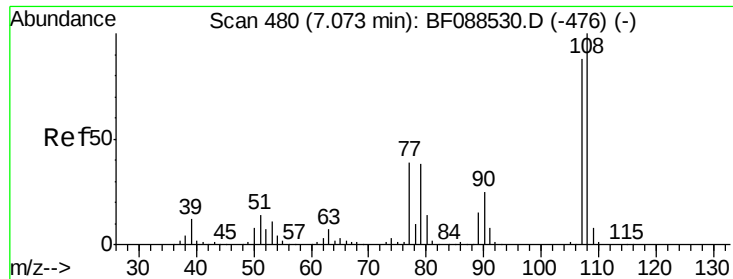
Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	45	Resp:	318370
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	32.5
79	14.6	0.0	29.5





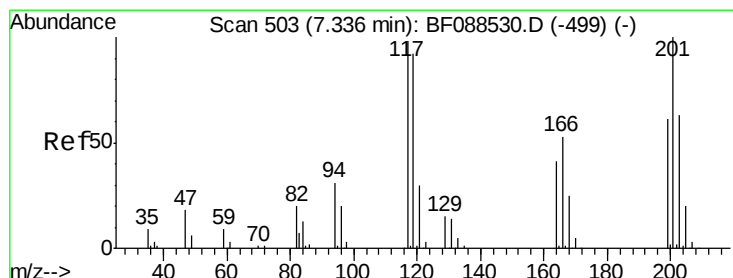
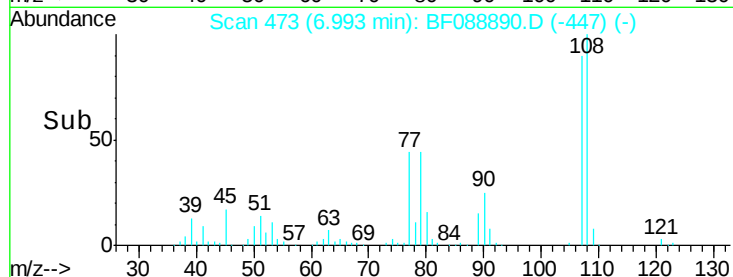
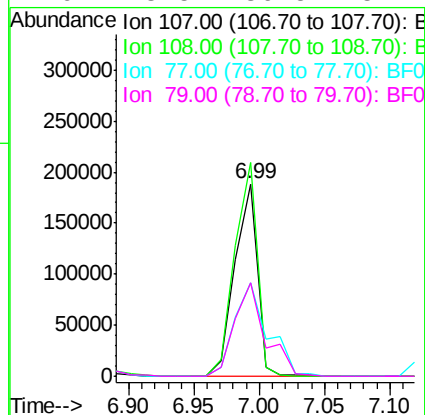
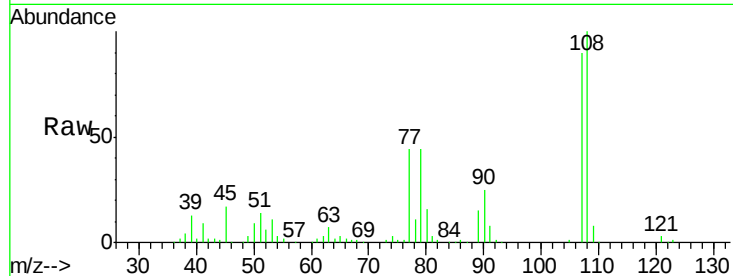
#17
2-Methylphenol
Concen: 41.32 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	225256
Ion Ratio	Lower	Upper	
107	100		
108	111.2	90.9	136.3
77	48.7	36.6	55.0
79	48.5	36.5	54.7

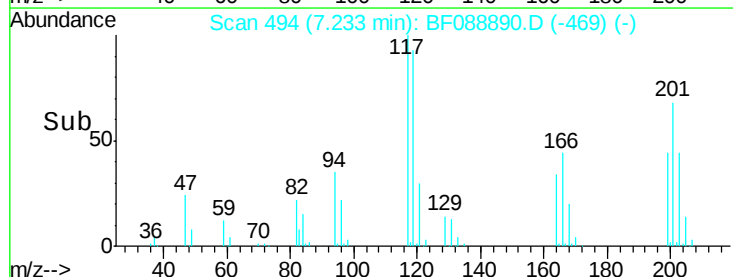
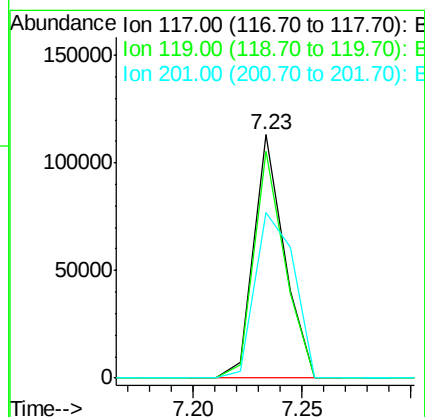
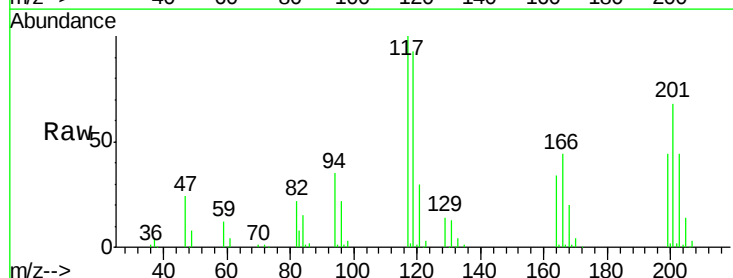
Manual Integrations

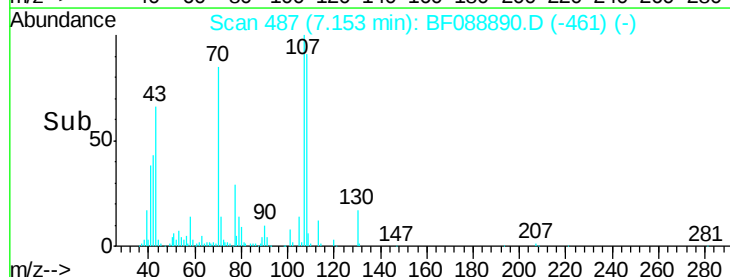
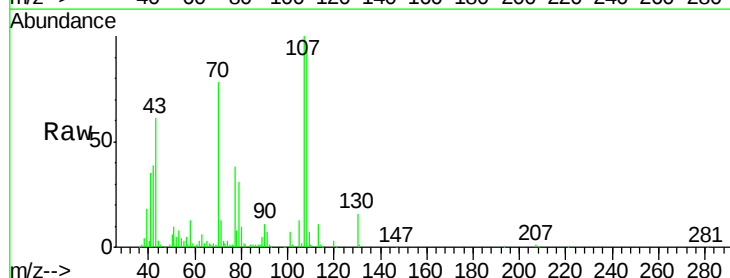
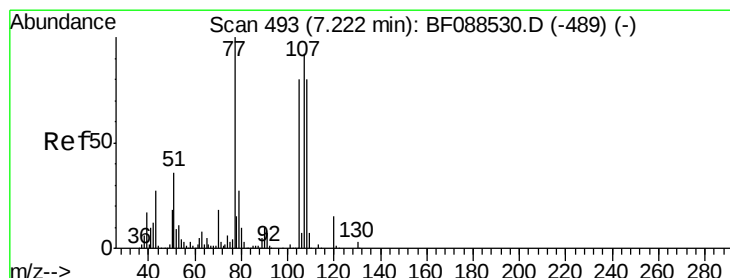
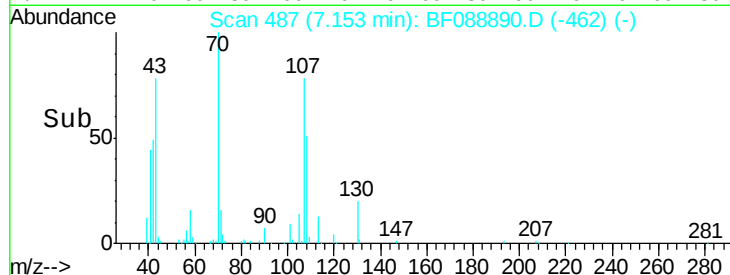
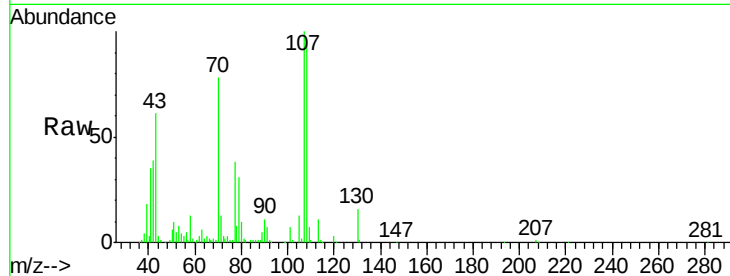
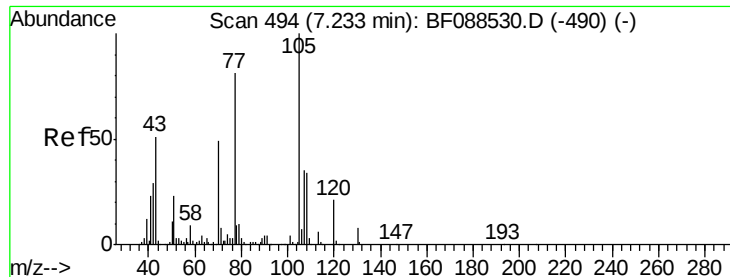
sohil
7/11/2016 7:16:07 PM



#18
Hexachloroethane
Concen: 39.13 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	117	Resp	110477
Ion Ratio	Lower	Upper	
117	100		
119	93.0	77.4	116.2
201	68.1	80.4	120.6#

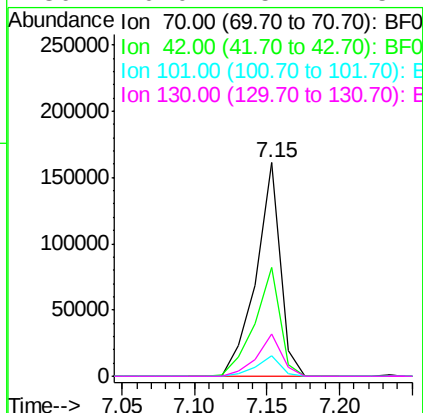




#19
n-Nitroso-di-n-propylamine
Concen: 34.74 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.6	74.4
101	9.5	7.1	10.7
130	20.0	15.4	23.2

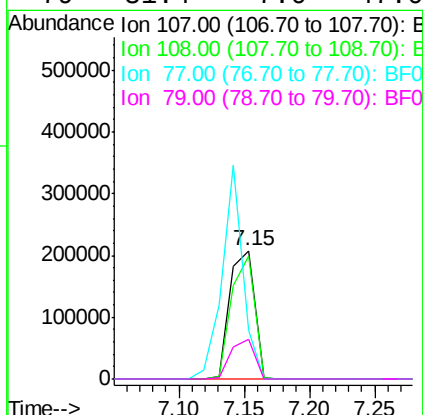


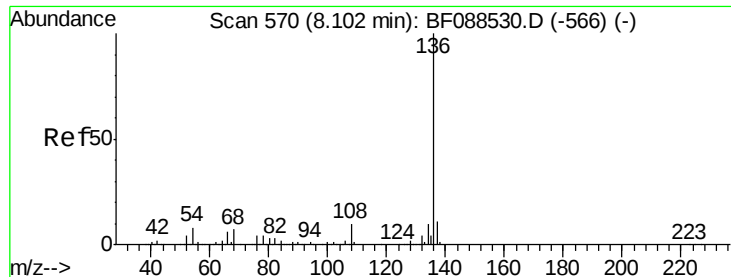
Manual Integrations

sohil
7/11/2016 7:16:07 PM

#20
3+4-Methylphenols
Concen: 41.76 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	67.8	107.8
77	38.3	59.3	99.3#
79	31.4	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

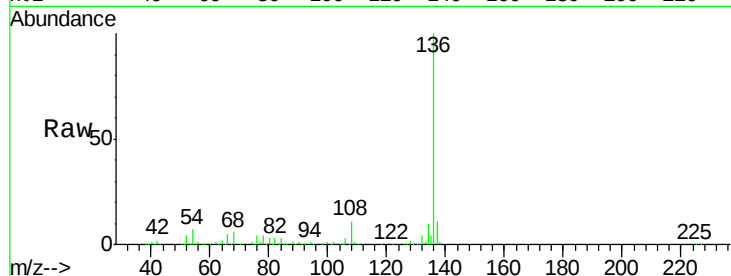
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		400051		
137	11.0		9.1	13.7	
54	6.9		6.6	10.0	
68	5.8		5.1	7.7	

Manual Integrations

sohil

7/11/2016 7:16:07 PM

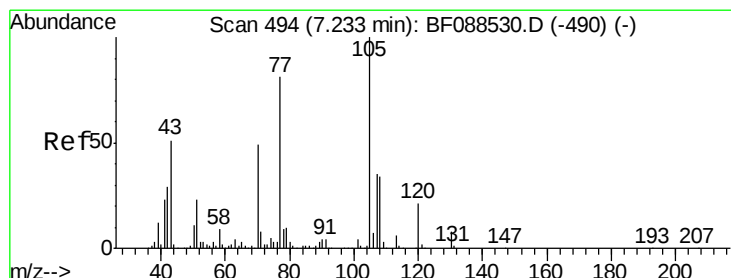
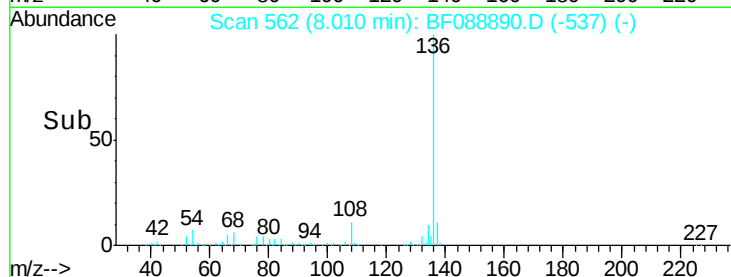
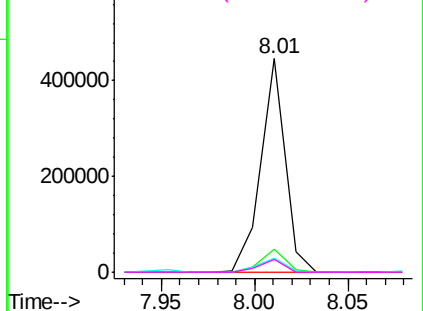


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.94 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

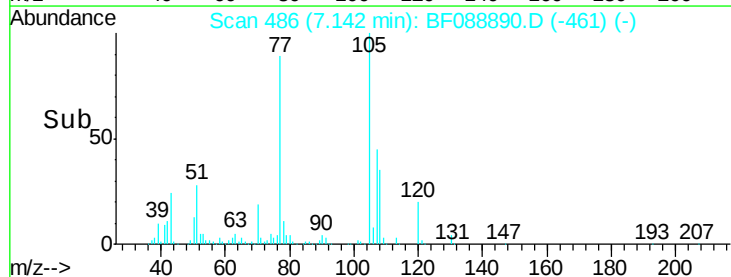
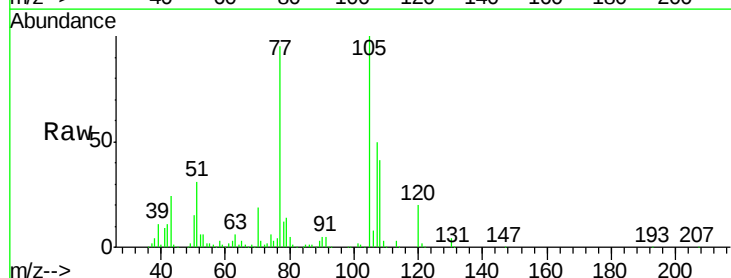
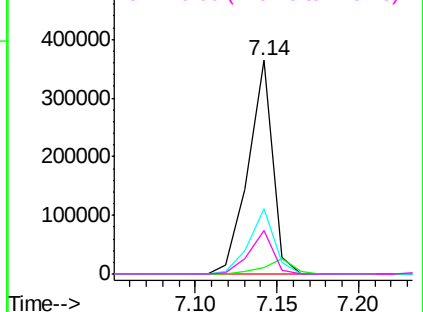
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		378062		
71	3.1		5.3	7.9#	
51	30.6		18.2	27.4#	
120	20.2		18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





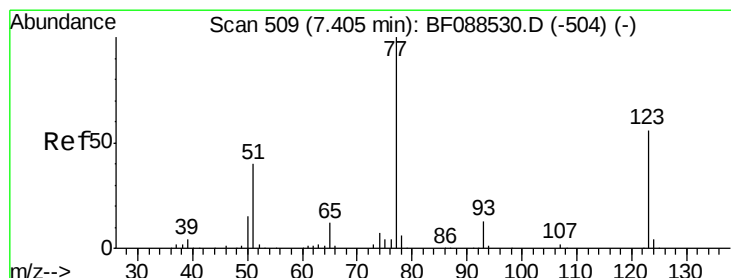
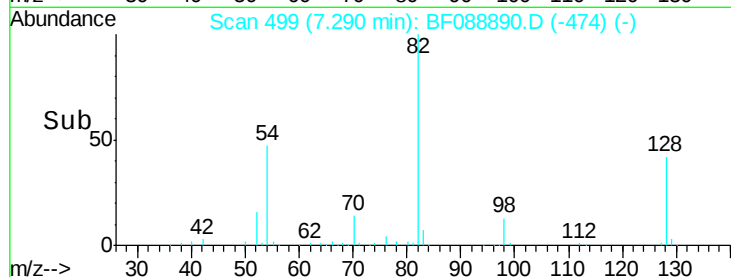
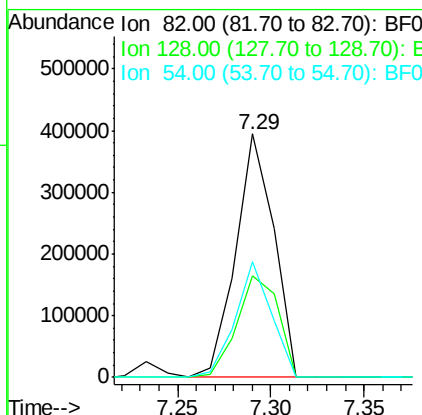
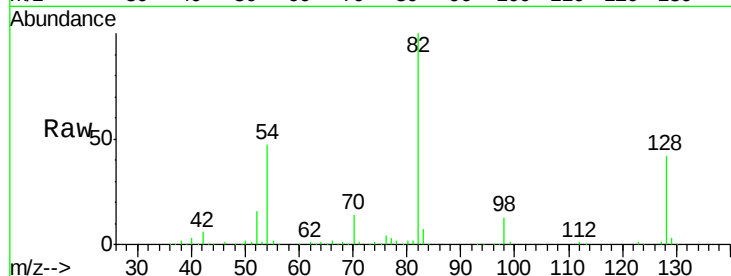
#23
Nitrobenzene-d5
Concen: 72.99 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.9	53.9
54	47.5	40.9	61.3

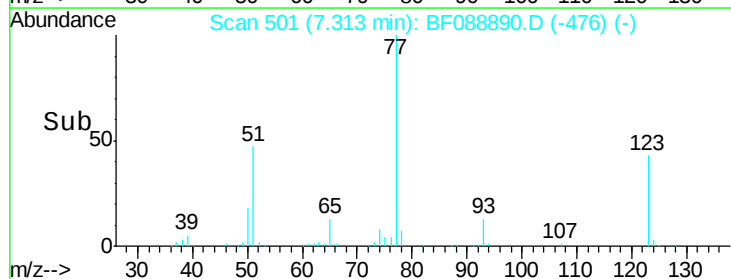
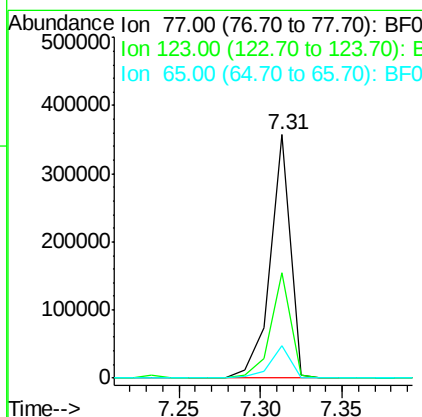
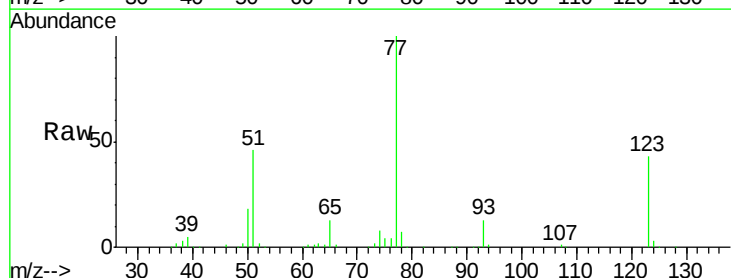
Manual Integrations

sohil
7/11/2016 7:16:07 PM



#24
Nitrobenzene
Concen: 39.88 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	45.0	67.4#
65	13.2	10.2	15.2





#25

Isophorone

Concen: 36.97 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

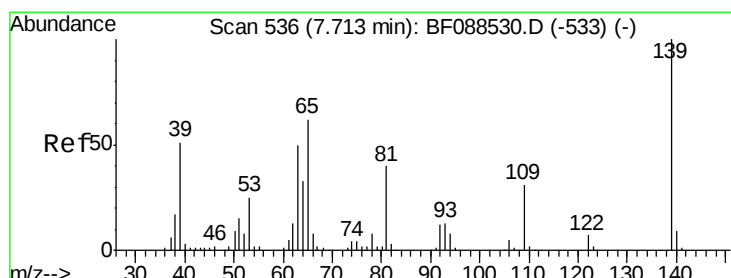
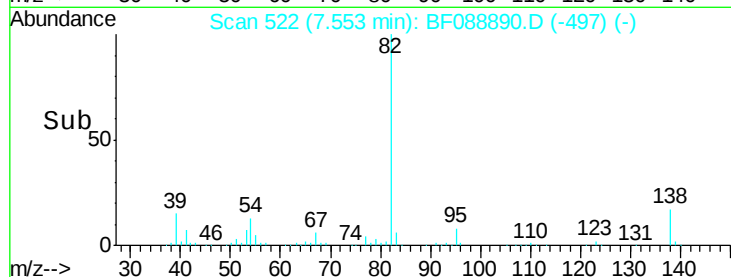
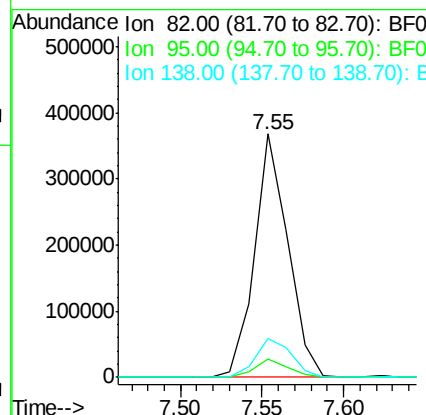
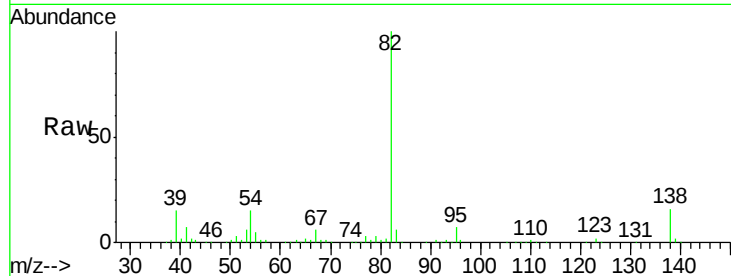
SSTDCCC040

Tot Ion:	82	Resp:	522757
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	16.1	14.6	21.8

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#26

2-Nitrophenol

Concen: 44.14 ng

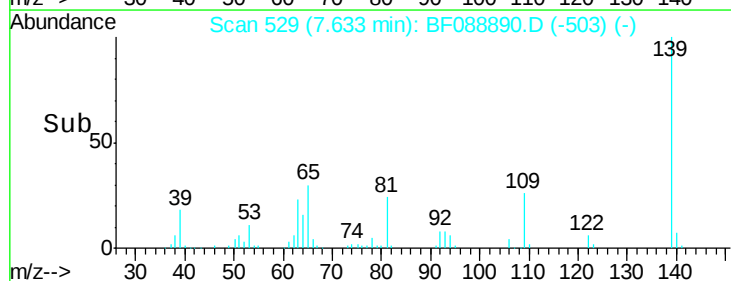
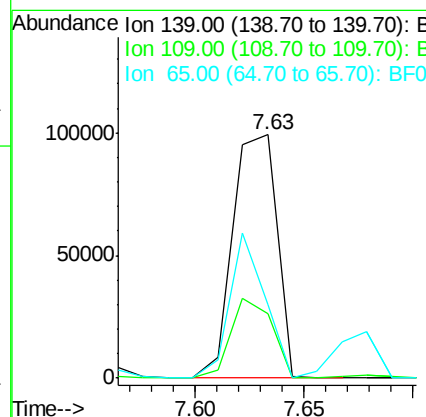
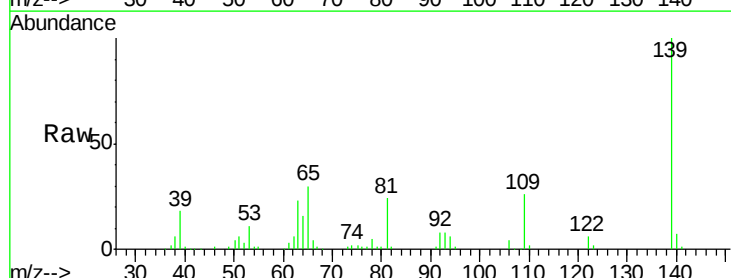
RT: 7.63 min Scan# 529

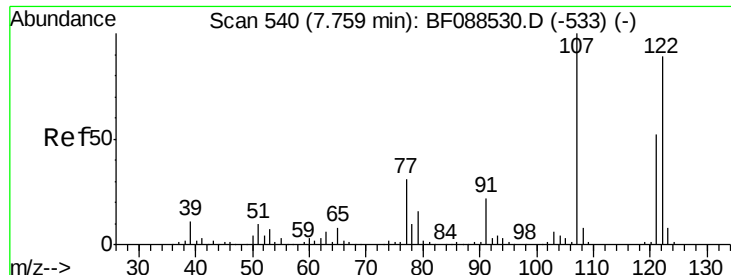
Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	139	Resp:	139326
Ion Ratio	Lower	Upper	
139	100		
109	26.4	23.0	34.4
65	30.1	45.8	68.8#





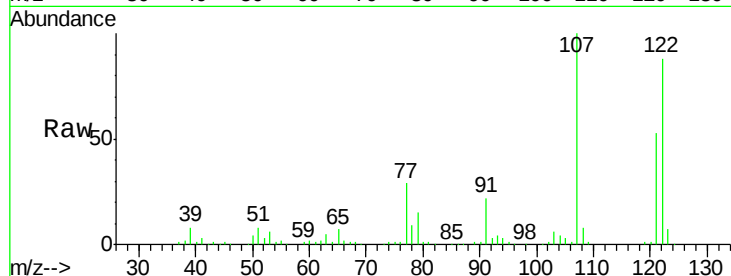
#27
2,4-Dimethylphenol
Concen: 41.03 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

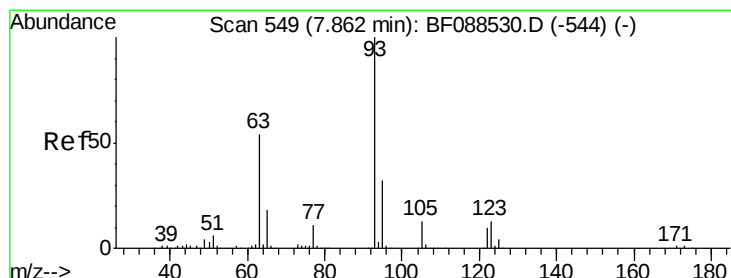
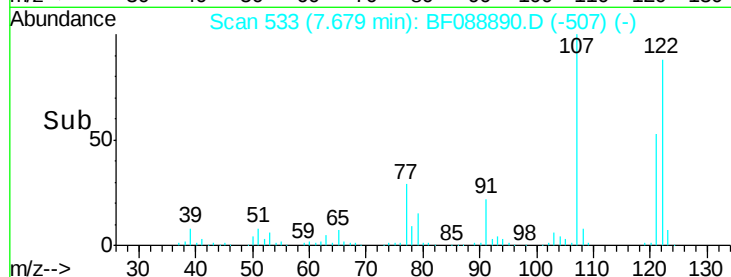
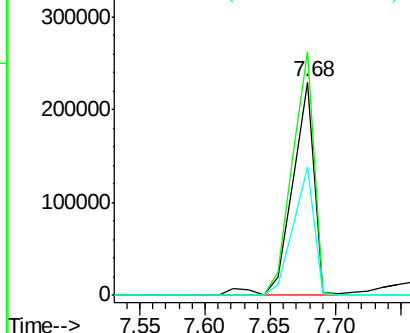
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	82.4	123.6
121	60.1	46.3	69.5

Manual Integrations

sohil
7/11/2016 7:16:07 PM

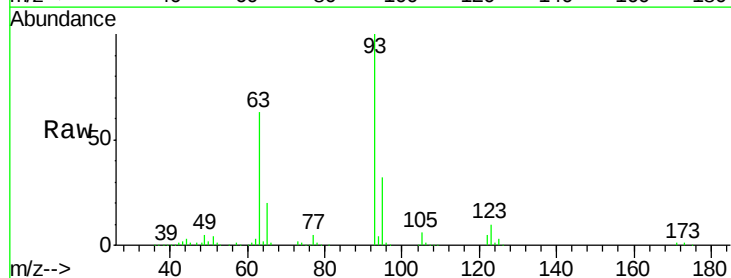


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

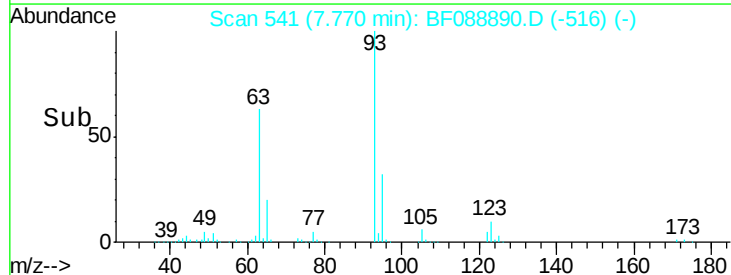
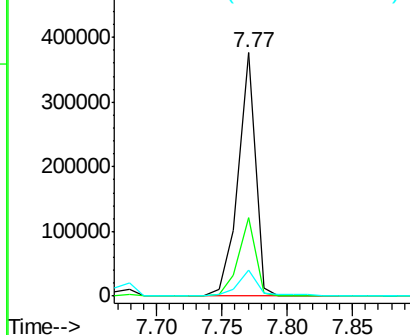


#28
bis(2-Chloroethoxy)methane
Concen: 37.35 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.4	11.6	17.4#



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





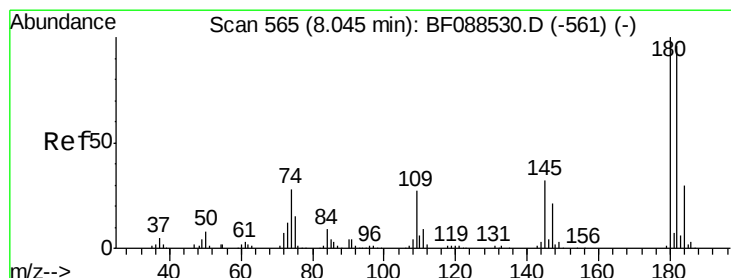
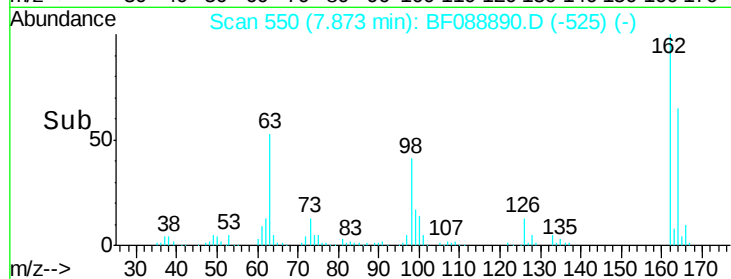
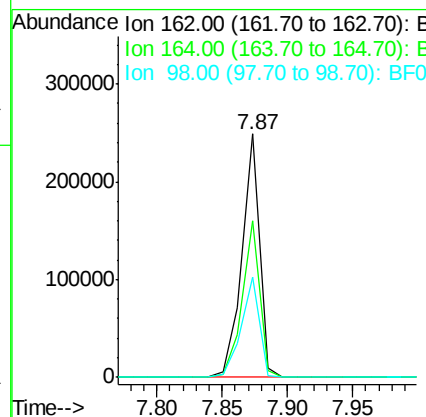
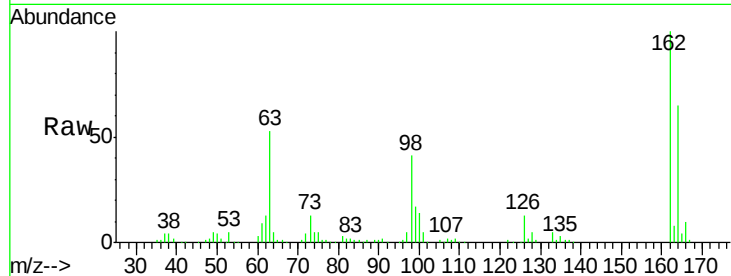
#29
2,4-Dichlorophenol
Concen: 43.44 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	41.0	21.3	61.3

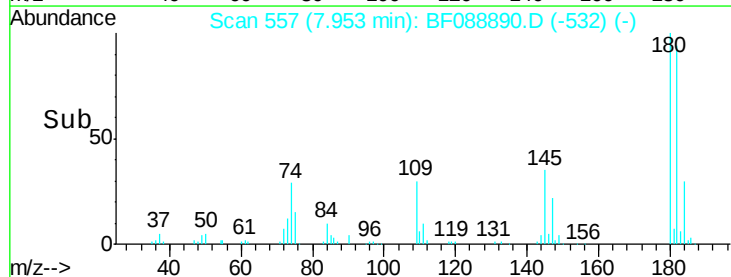
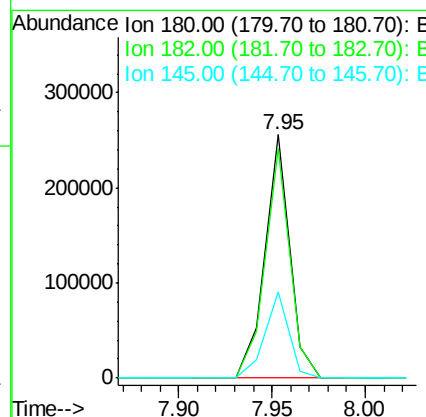
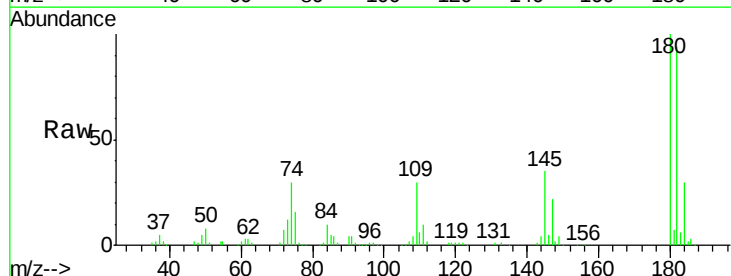
Manual Integrations

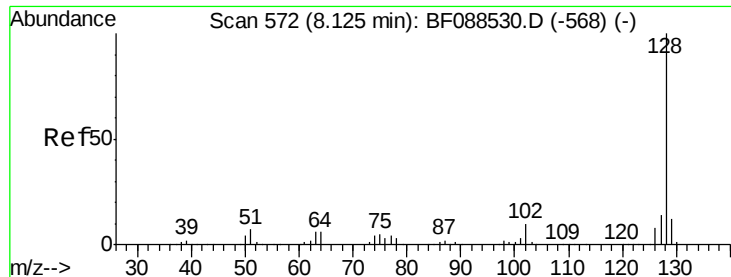
sohil
7/11/2016 7:16:07 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.39 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.0	114.0
145	35.2	26.5	39.7





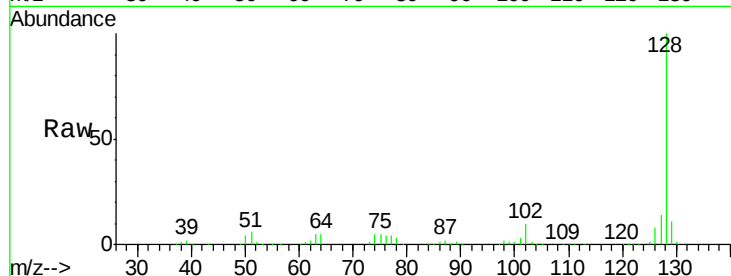
#31
Naphthalene
Concen: 41.50 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

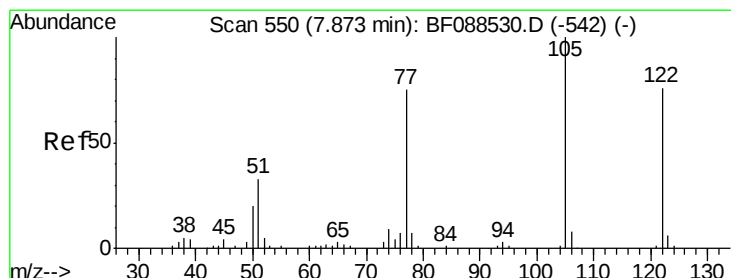
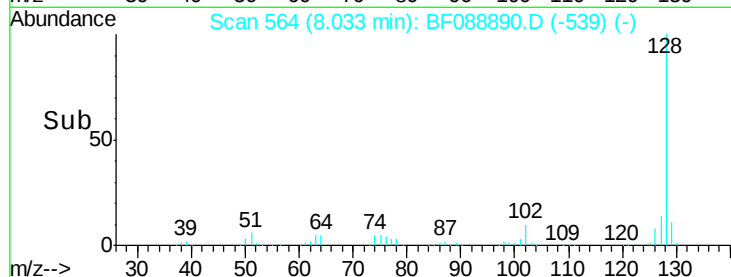
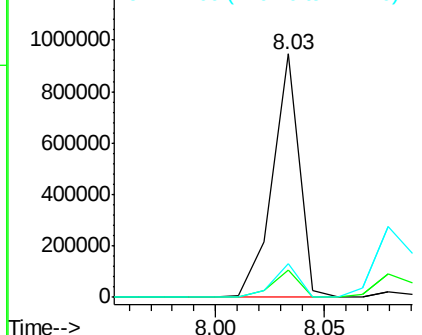
Tot Ion:128 Resp: 818563
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 10.9 16.3

Manual Integrations

sohil
7/11/2016 7:16:07 PM

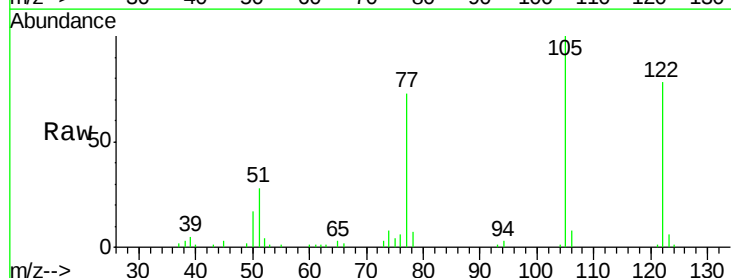


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

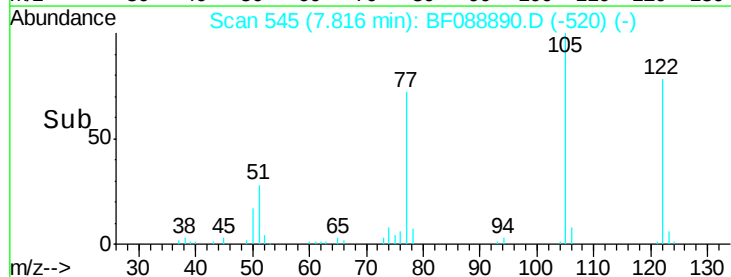
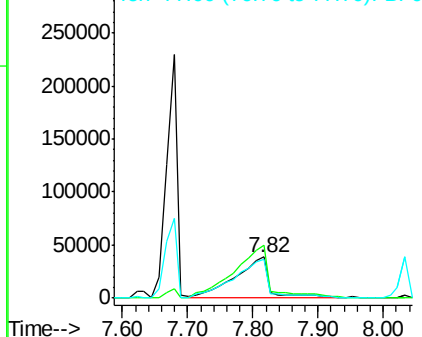


#32
Benzoic acid
Concen: 29.17 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion:122 Resp: 139224
Ion Ratio Lower Upper
122 100
105 128.3 101.6 141.6
77 93.8 70.6 110.6



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





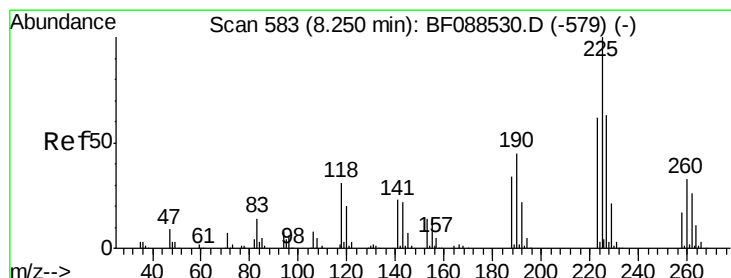
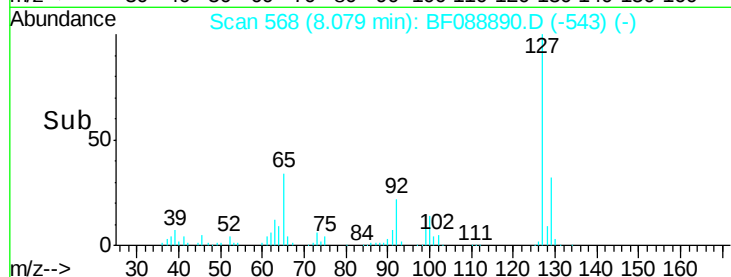
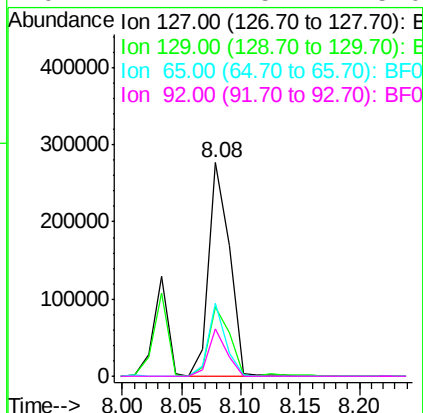
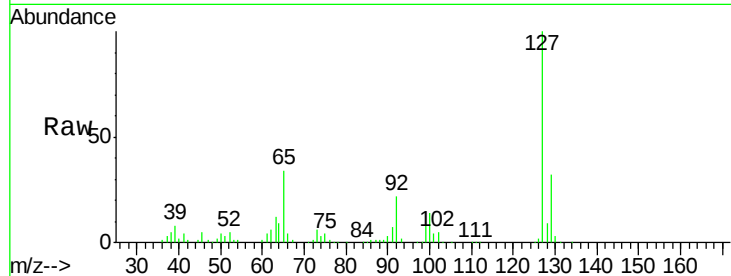
#33
 4-Chloroaniline
 Concen: 38.19 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	335131
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	34.4	24.7	37.1
92	22.2	15.4	23.0

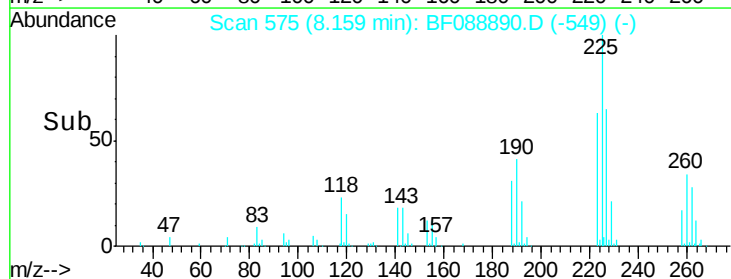
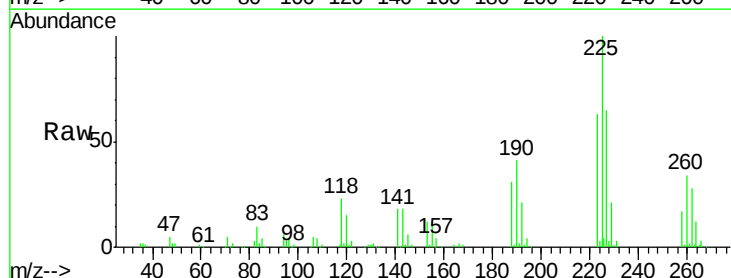
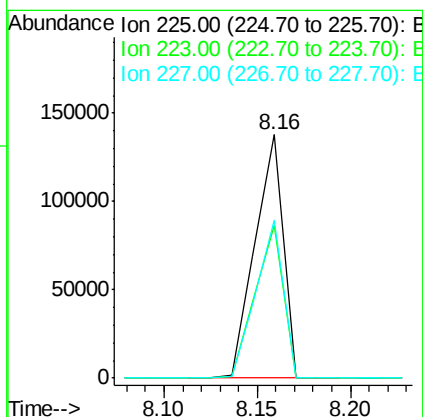
Manual Integrations

sohil
 7/11/2016 7:16:07 PM



#34
 Hexachlorobutadiene
 Concen: 45.93 ng
 RT: 8.16 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion:	225	Resp:	143383
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.9	76.3
227	65.0	51.9	77.9





#35

Caprolactam

Concen: 38.54 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

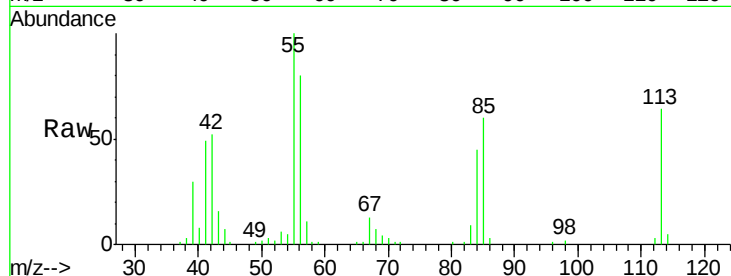
SSTDCCC040

Tot Ion:113 Resp: 69544
 Ion Ratio Lower Upper
 113 100
 55 157.1 158.6 198.6#
 56 125.3 110.6 150.6

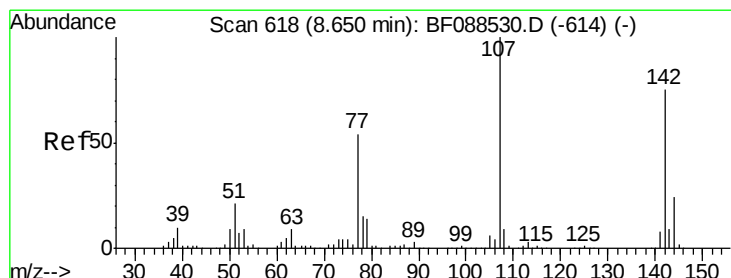
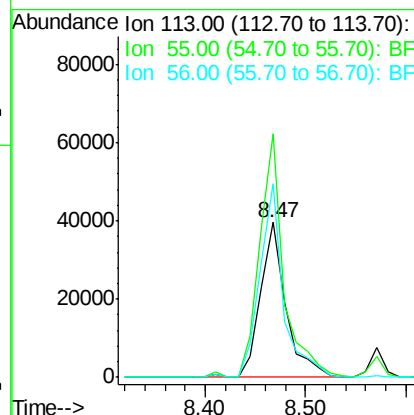
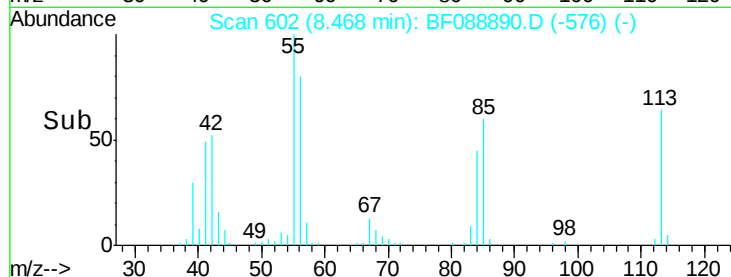
Manual Integrations

sohil

7/11/2016 7:16:07 PM



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.36 ng

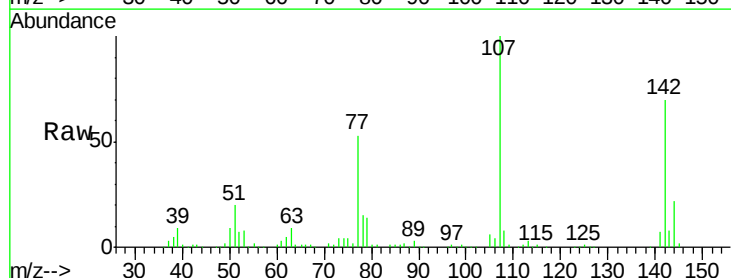
RT: 8.57 min Scan# 611

Delta R.T. -0.01 min

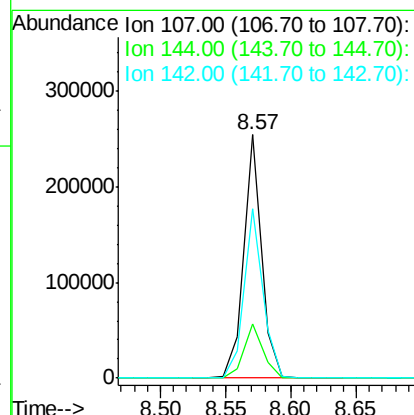
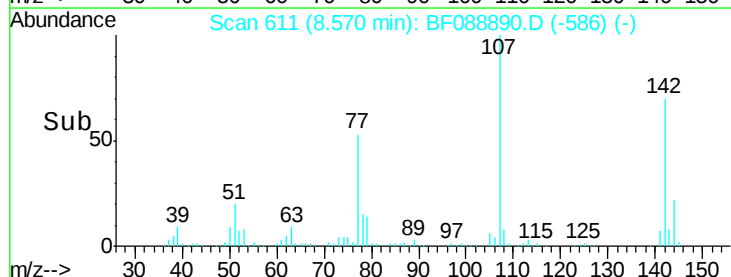
Lab File: BF088890.D

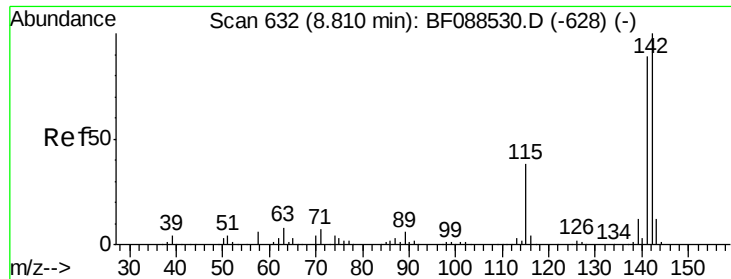
Acq: 10 Jul 2016 00:55

Tgt Ion:107 Resp: 240987
 Ion Ratio Lower Upper
 107 100
 144 22.3 20.8 31.2
 142 69.8 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





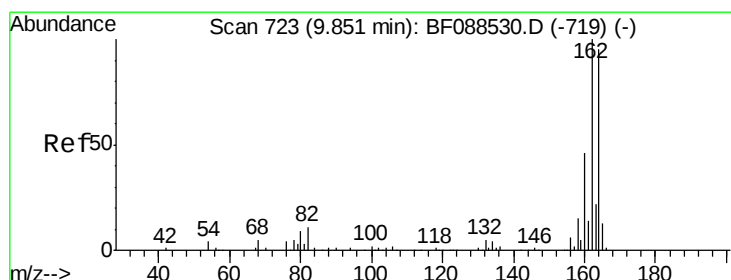
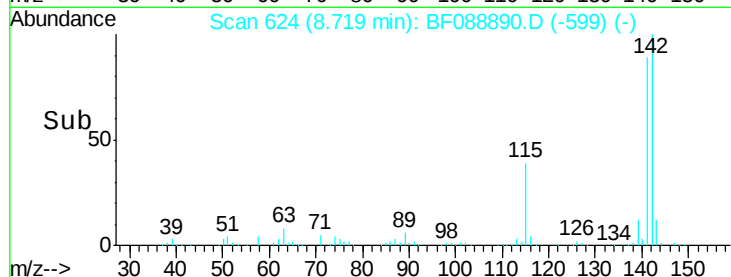
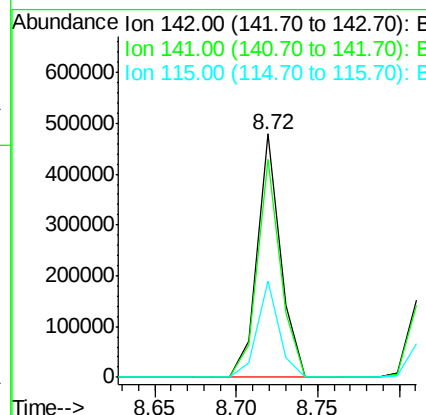
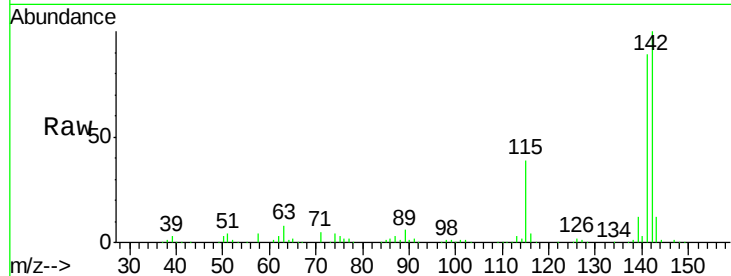
#37
2-Methylnaphthalene
Concen: 37.44 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	39.4	22.6	33.8

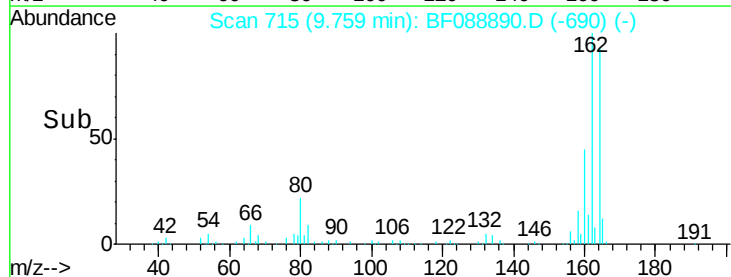
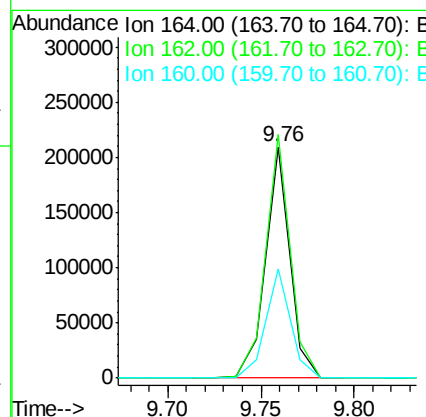
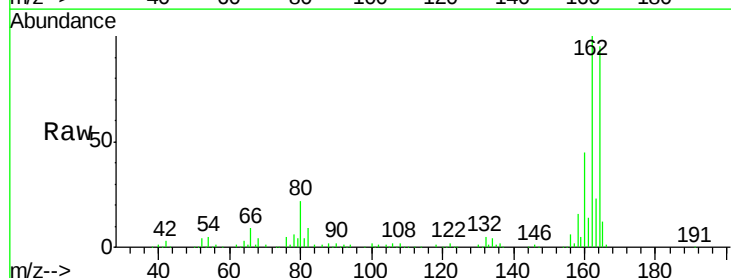
Manual Integrations

sohil
7/11/2016 7:16:07 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	47.0	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.28 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 262821
Ion Ratio Lower Upper

216 100

214 80.2 2.9 4.3#

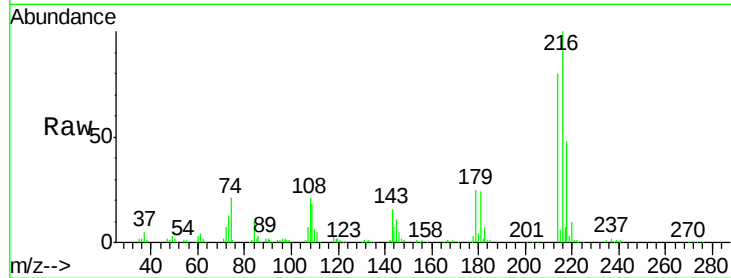
179 24.6 0.0 0.0#

108 23.5 0.5 0.7#

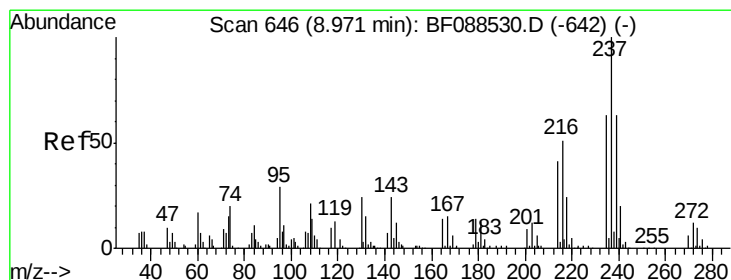
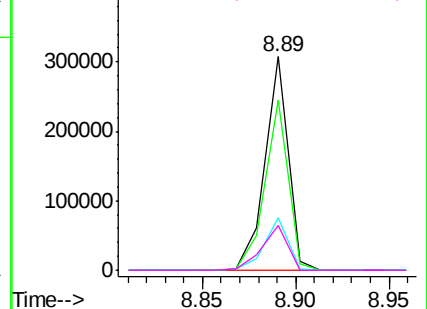
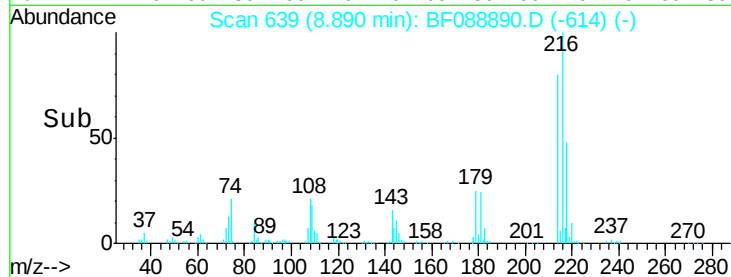
Manual Integrations

sohil

7/11/2016 7:16:07 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: 32.06 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF088890.D

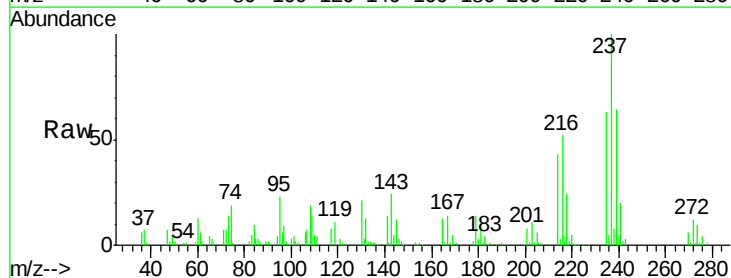
Acq: 10 Jul 2016 00:55

Tgt Ion:237 Resp: 97823
Ion Ratio Lower Upper

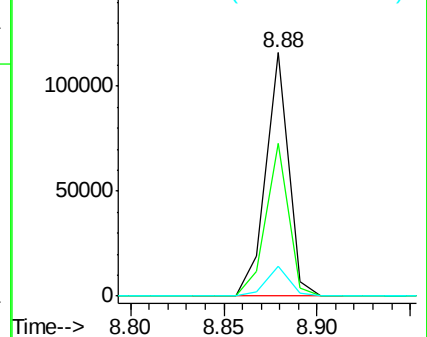
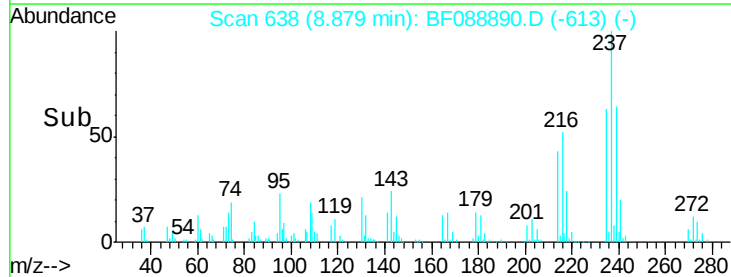
237 100

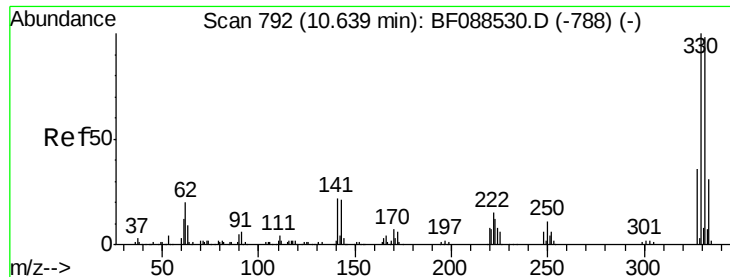
235 62.6 43.4 83.4

272 12.5 0.0 32.3



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





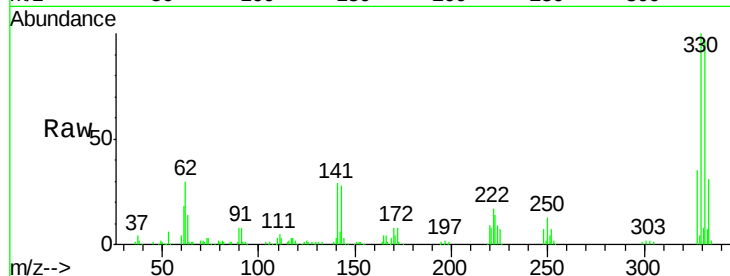
#41
 2,4,6-Tribromophenol
 Concen: 95.84 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	166331		
332	96.7	0.0	0.0	0.0
141	38.2	0.0	0.0	0.0

Manual Integrations

sohil
 7/11/2016 7:16:07 PM

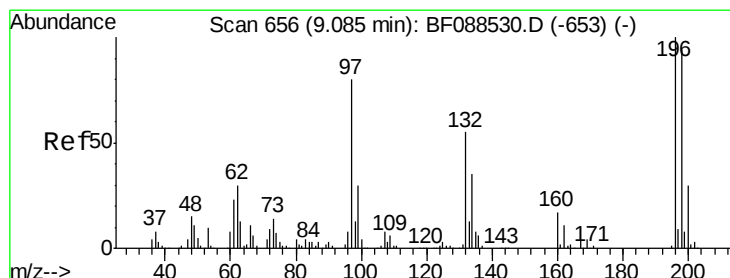
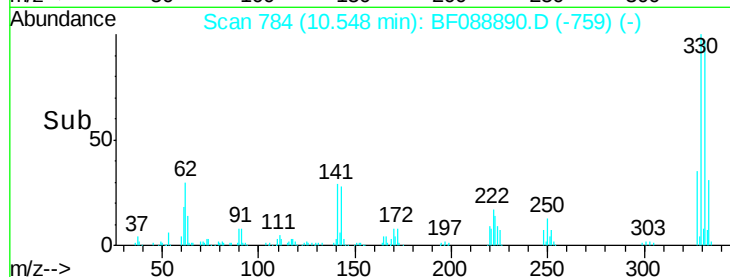
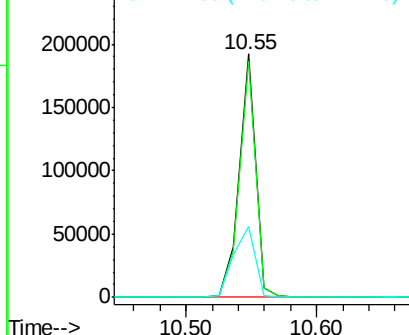


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.51 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

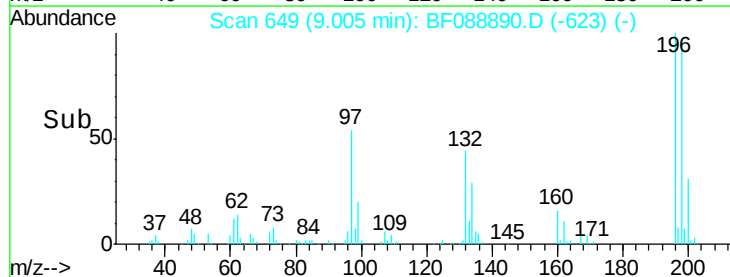
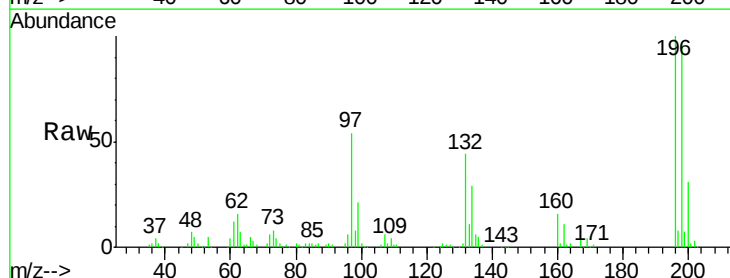
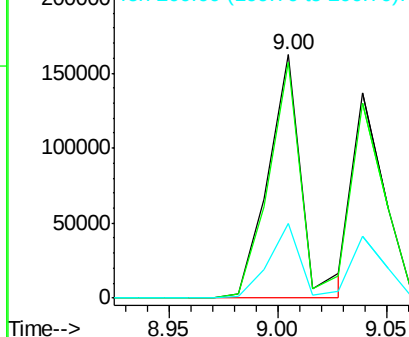
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174240		
198	96.8	78.0	117.0	
200	30.8	25.4	38.2	

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





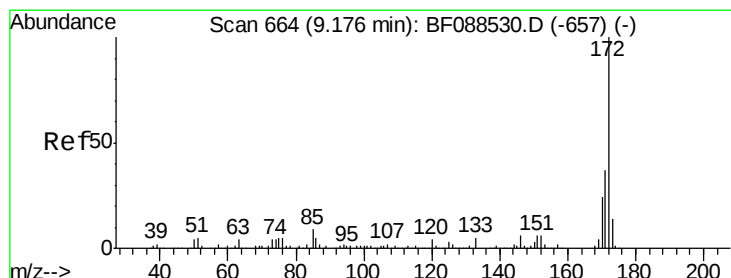
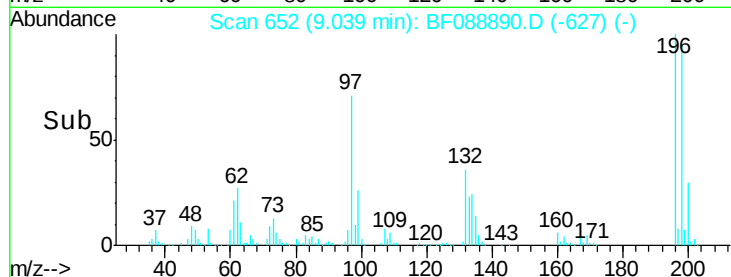
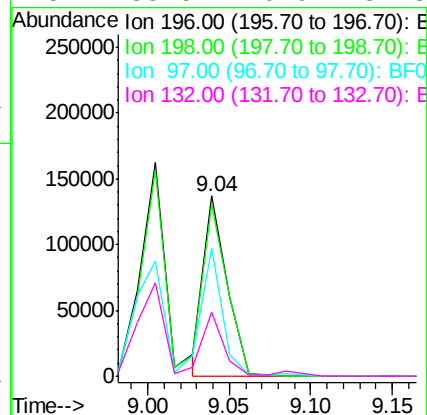
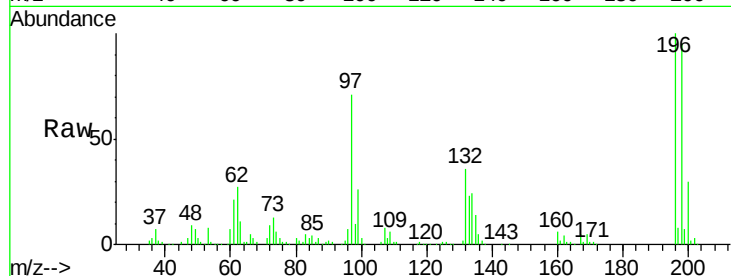
#43
 2,4,5-Trichlorophenol
 Concen: 39.03 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.5	116.3
97	70.9	32.0	48.0
132	35.5	20.9	31.3

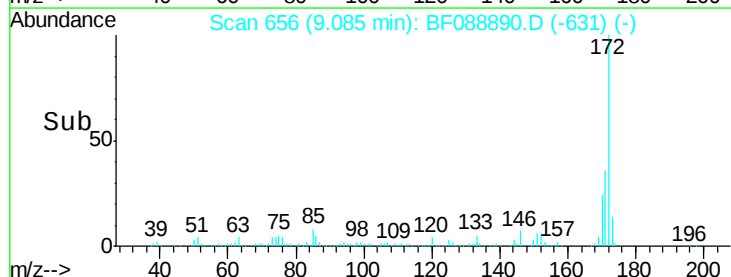
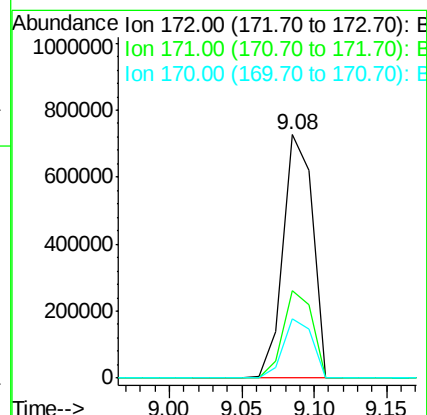
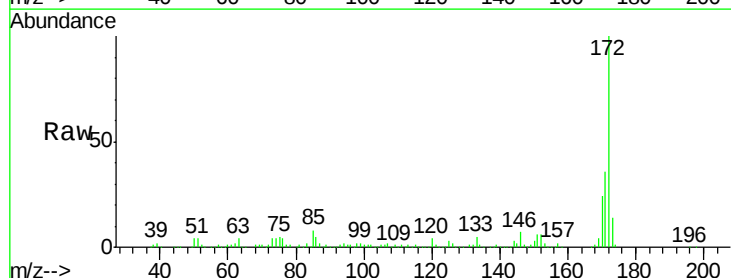
Manual Integrations

sohil
 7/11/2016 7:16:07 PM



#44
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	19.2	28.8





#45

1,1'-Biphenyl

Concen: 39.36 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

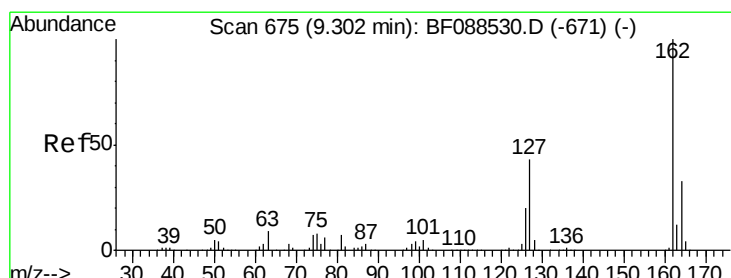
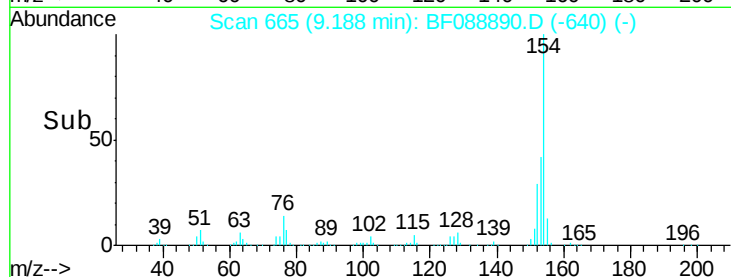
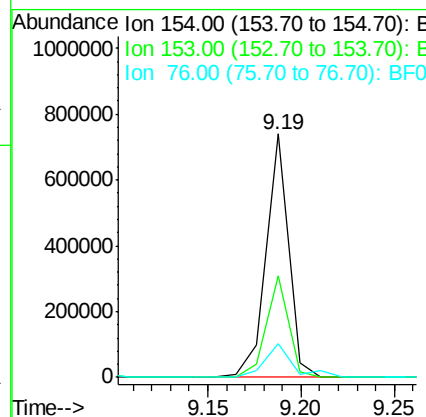
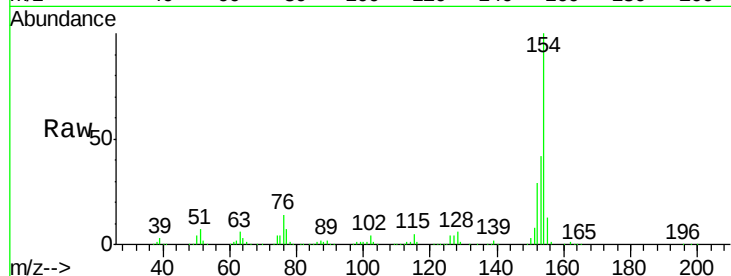
SSTDCCC040

Tot Ion:	154	Resp:	609171
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.6	60.6
76	14.0	0.0	35.1

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#46

2-Chloronaphthalene

Concen: 40.71 ng

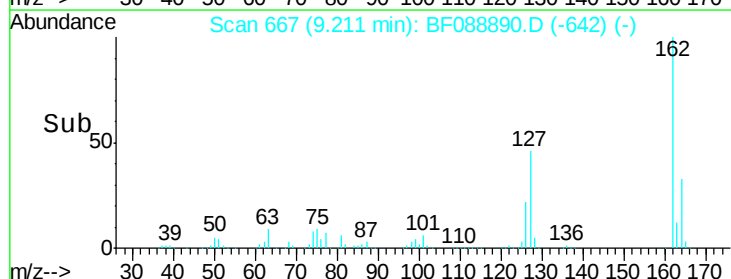
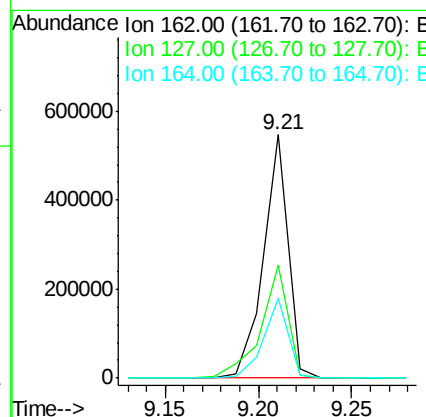
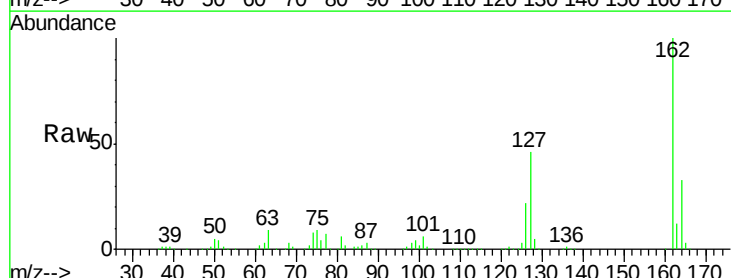
RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	162	Resp:	494591
Ion Ratio	Lower	Upper	
162	100		
127	46.4	35.2	52.8
164	33.0	26.6	39.8





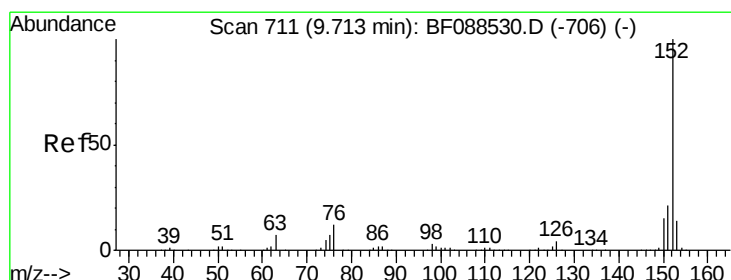
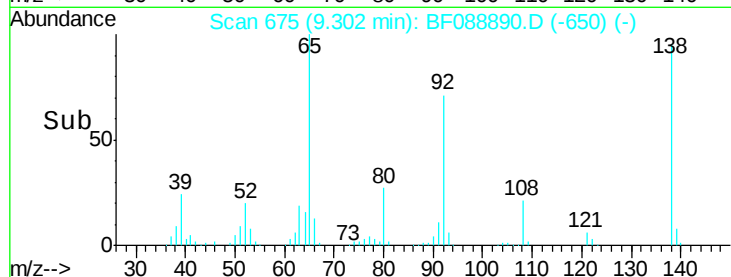
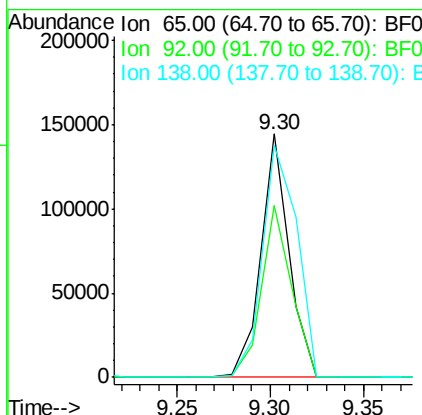
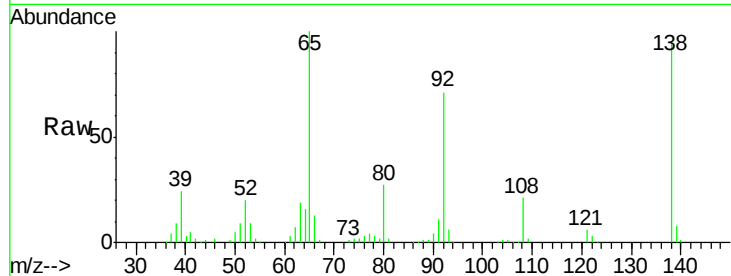
#47
2-Nitroaniline
Concen: 34.71 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	95.3	77.0	115.4

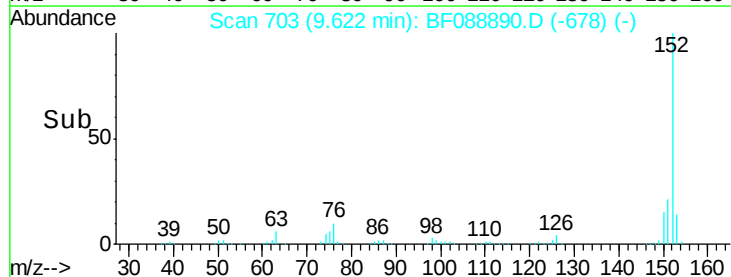
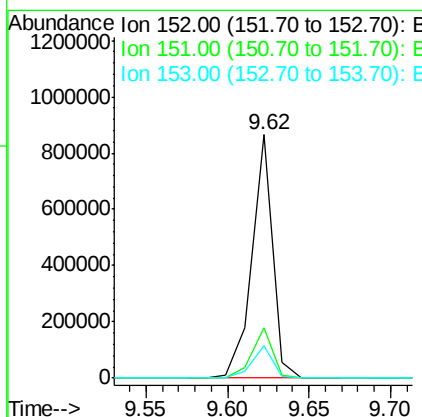
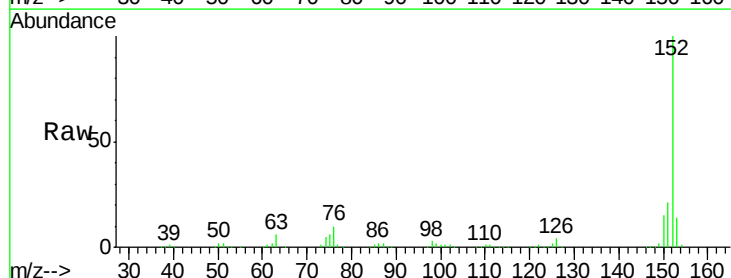
Manual Integrations

sohil
7/11/2016 7:16:07 PM



#48
Acenaphthylene
Concen: 39.56 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.5	11.0	16.6





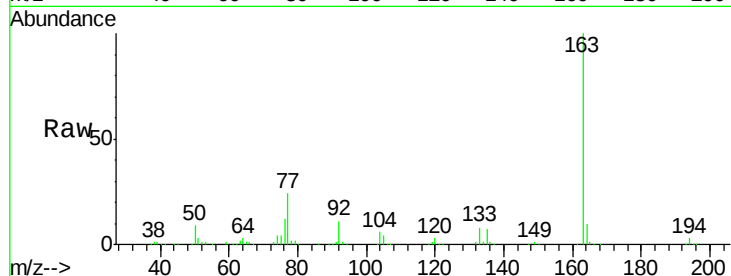
#49
Dimethylphthalate
Concen: 40.84 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	543862		
194	3.3		2.8	4.2
164	10.4		8.3	12.5

Manual Integrations

sohil
7/11/2016 7:16:07 PM

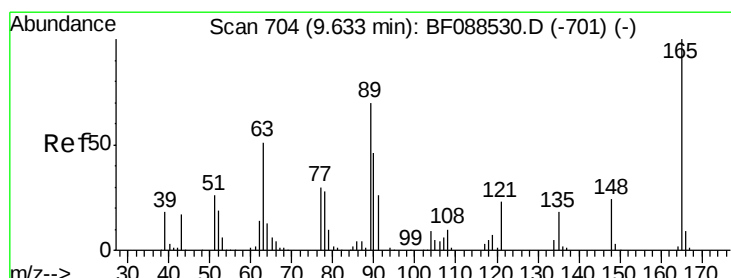
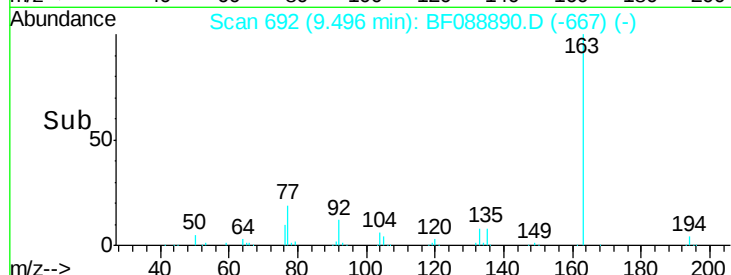
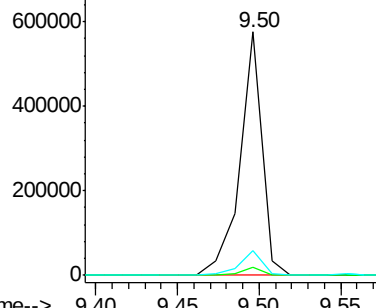


Abundance

Ion 163.00 (162.70 to 163.70): E

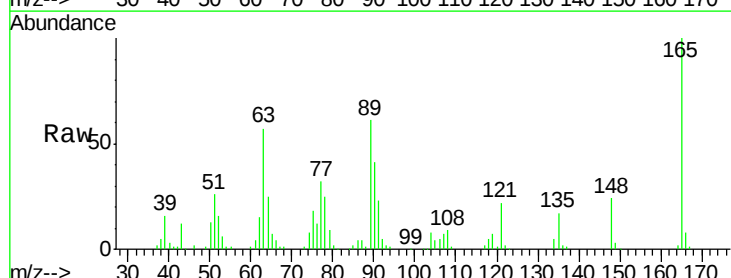
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 44.65 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131776		
63	57.1		28.1	42.1#
89	61.0		32.2	48.2#

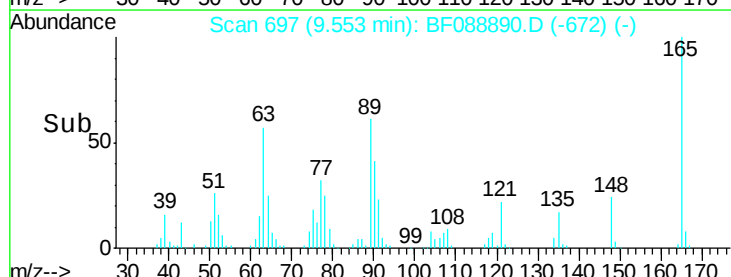
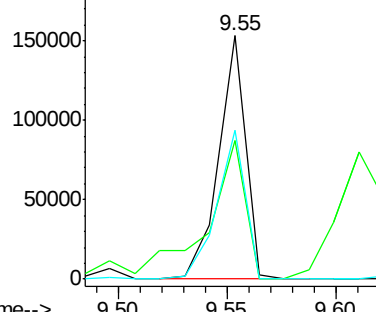


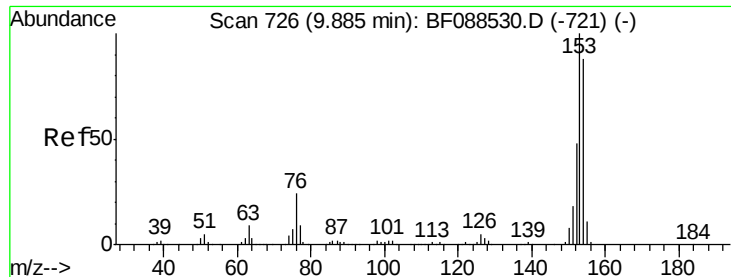
Abundance

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: 37.69 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 446626

Ion Ratio Lower Upper

154 100

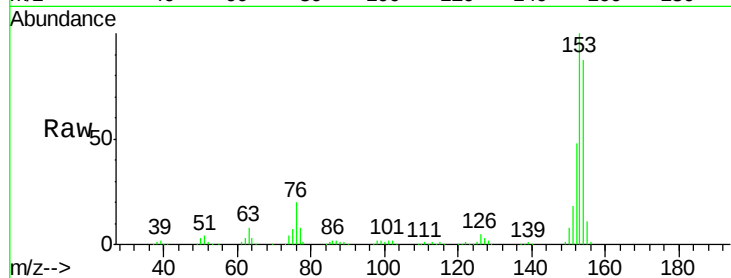
153 114.5 89.5 134.3

152 54.7 42.7 64.1

Manual Integrations

sohil

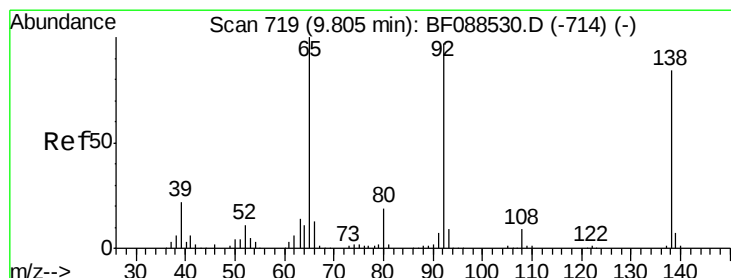
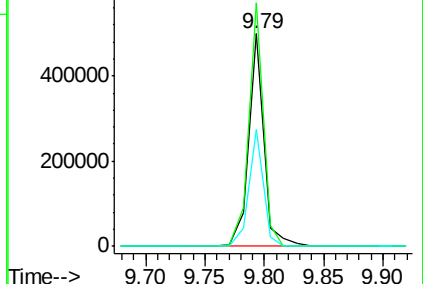
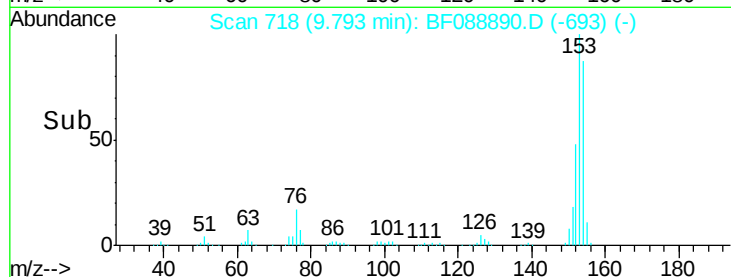
7/11/2016 7:16:07 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.27 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

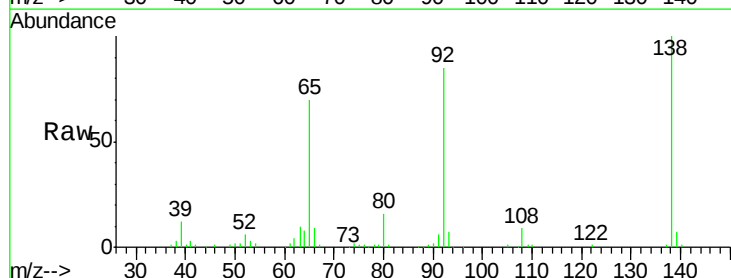
Tgt Ion:138 Resp: 162341

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

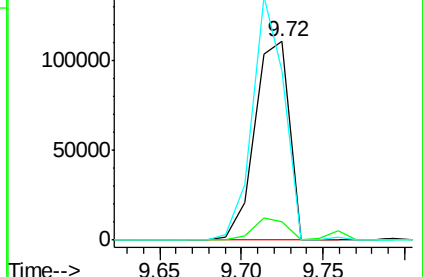
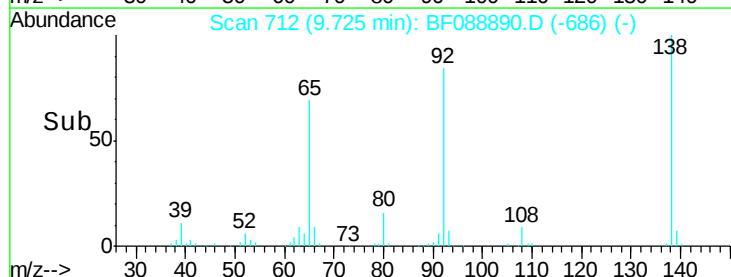
92 85.5 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





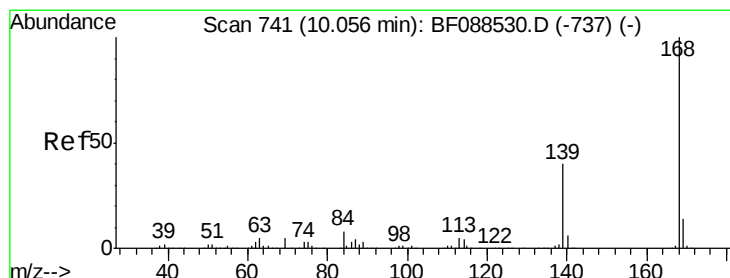
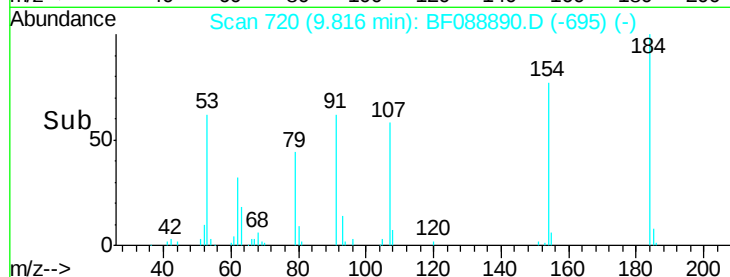
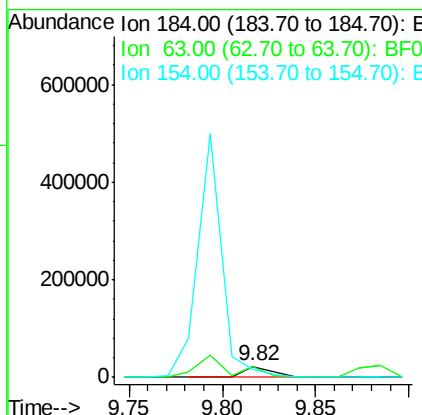
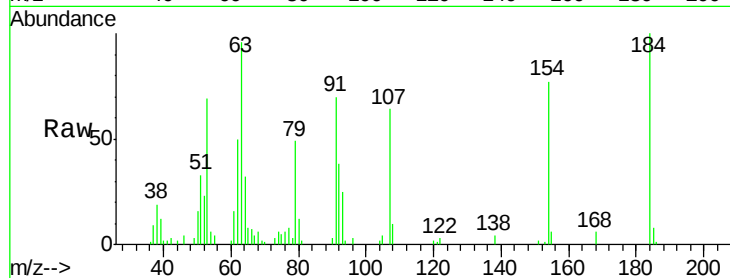
#53
 2,4-Dinitrophenol
 Concen: 19.56 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.6	57.6	86.4#
154	76.7	53.5	80.3

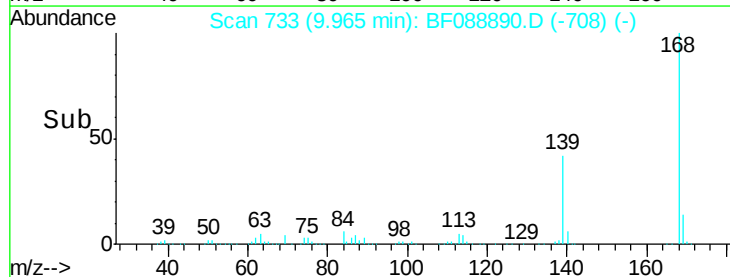
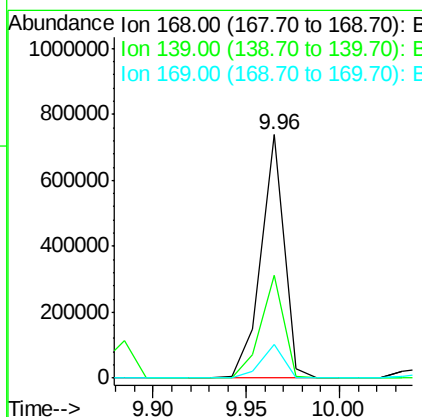
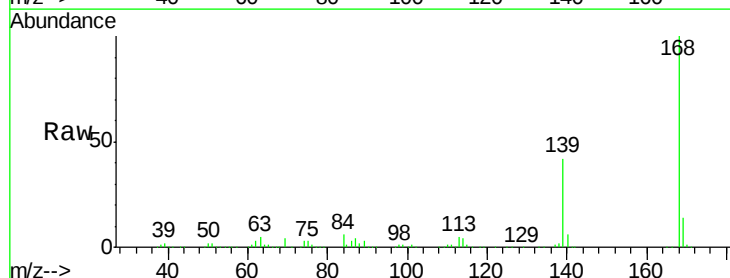
Manual Integrations

sohil
 7/11/2016 7:16:07 PM



#54
 Dibenzofuran
 Concen: 40.64 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	26.4	39.6#
169	13.7	10.4	15.6





#55

4-Nitrophenol

Concen: 41.44 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

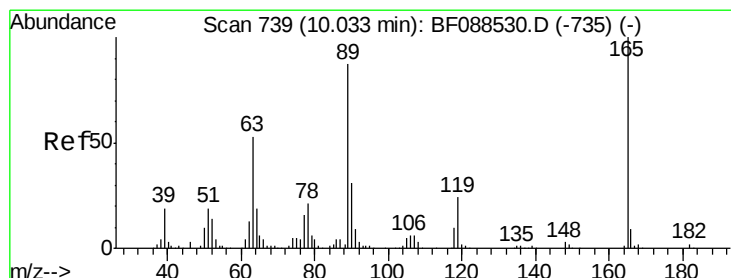
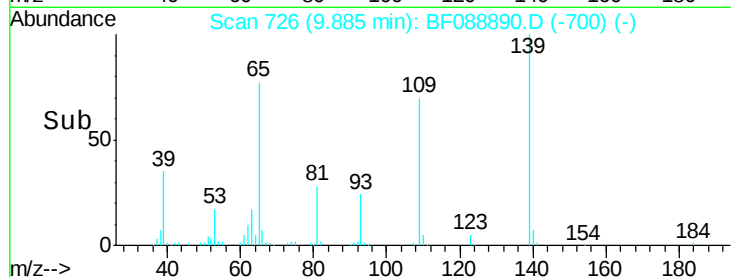
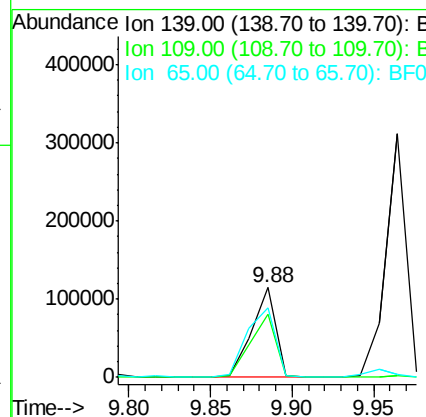
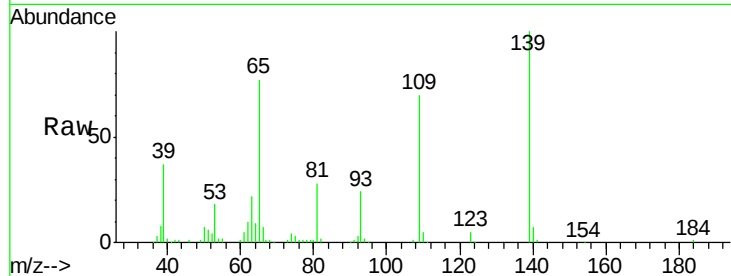
SSTDCCC040

Tot Ion:	139	Resp:	118131
Ion Ratio	Lower	Upper	
139	100		
109	70.2	48.9	88.9
65	77.0	84.9	124.9#

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#56

2,4-Dinitrotoluene

Concen: 45.76 ng

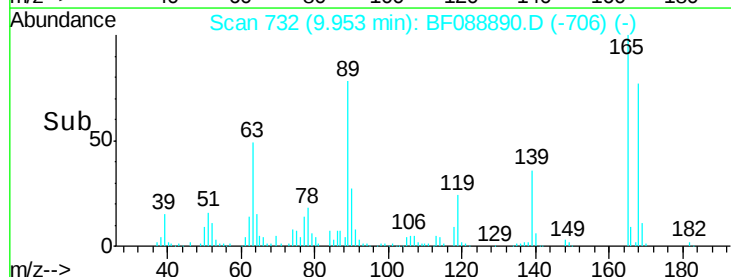
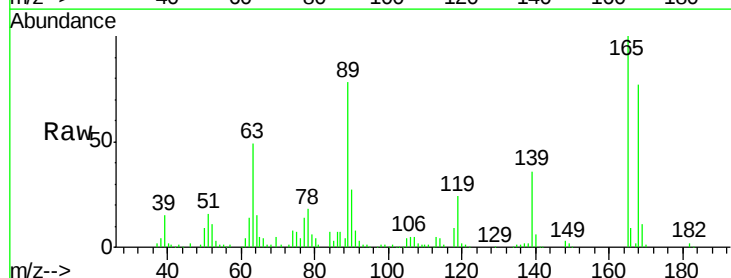
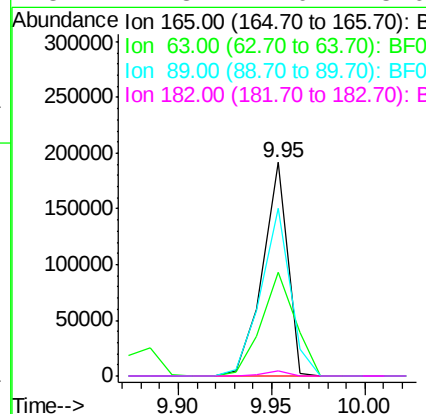
RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	165	Resp:	176556
Ion Ratio	Lower	Upper	
165	100		
63	48.5	22.0	33.0#
89	78.3	41.1	61.7#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 45.89 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 548537

Ion Ratio Lower Upper

166 100

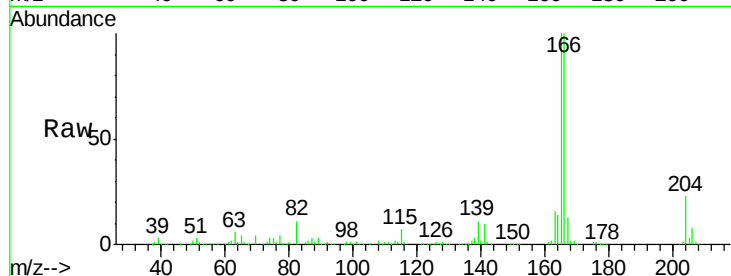
165 100.3 77.8 116.8

167 13.5 11.2 16.8

Manual Integrations

sohil

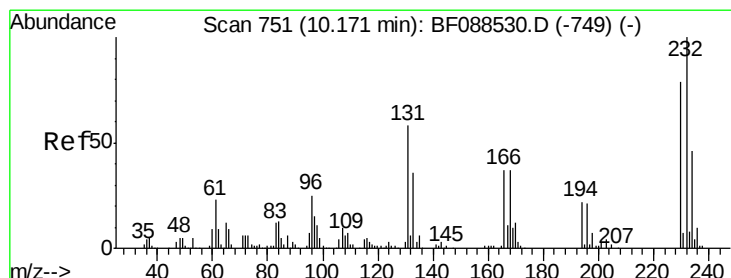
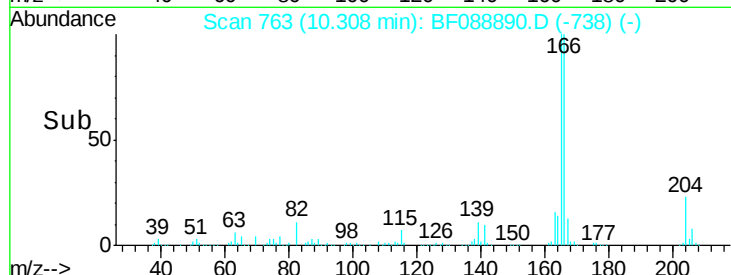
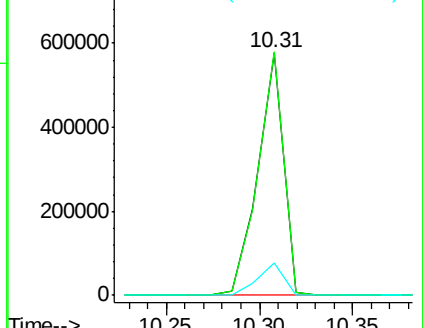
7/11/2016 7:16:07 PM



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: 39.59 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:232 Resp: 108010

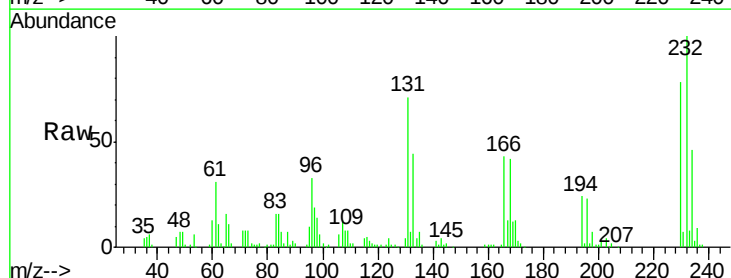
Ion Ratio Lower Upper

232 100

131 54.9 0.9 1.3#

130 2.6 1.5 2.3#

166 34.9 0.5 0.7#

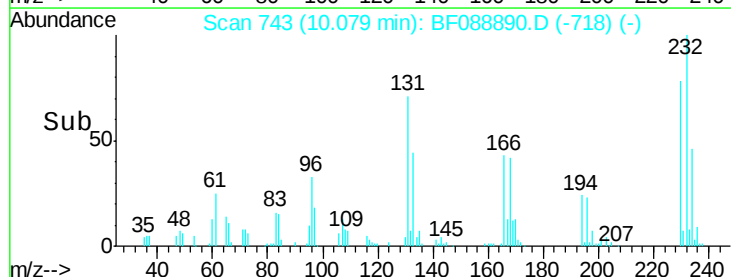
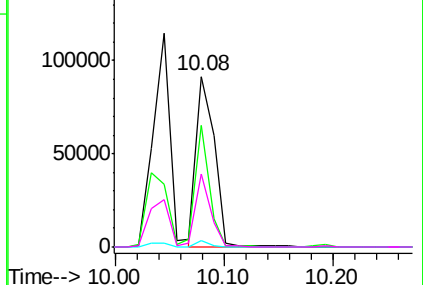


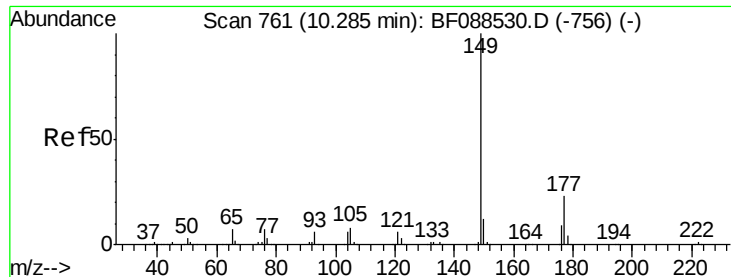
Abundance Ion 232.00 (231.70 to 232.70): E

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





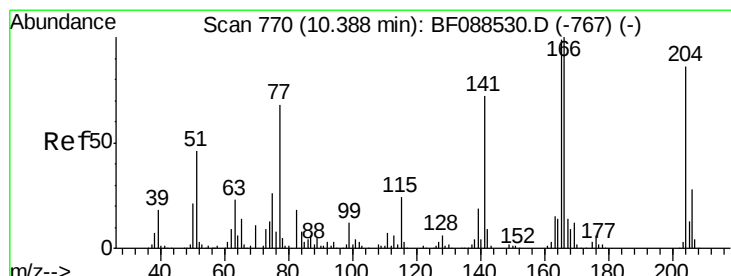
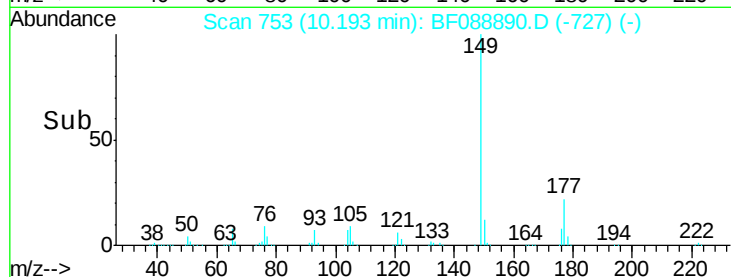
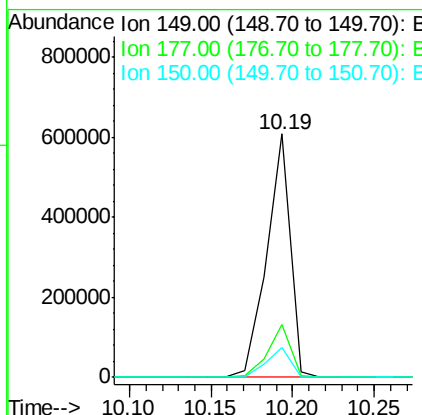
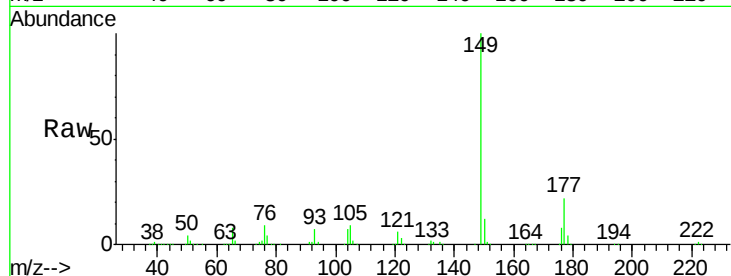
#59
Diethylphthalate
Concen: 45.78 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.9	25.3
150	12.4	10.1	15.1

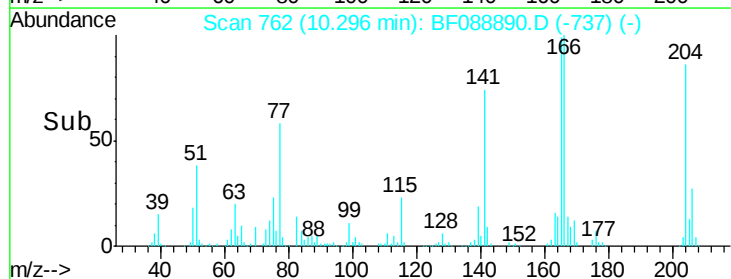
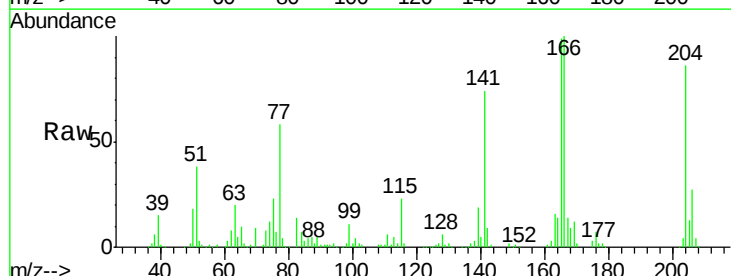
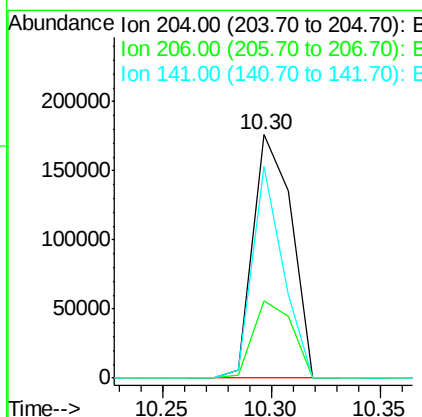
Manual Integrations

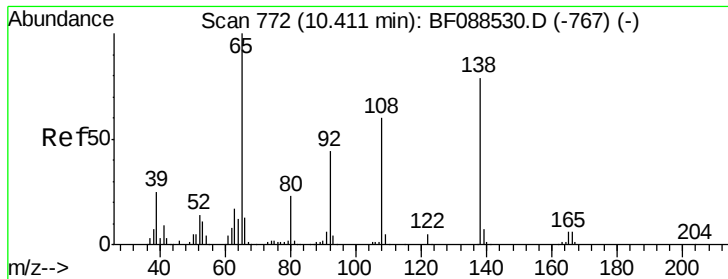
sohil
7/11/2016 7:16:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.19 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.3	39.5
141	86.7	55.0	82.6





#61

4-Nitroaniline

Concen: 40.14 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF088890.D

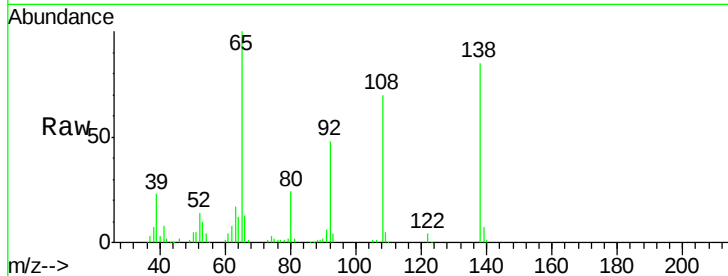
Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tot Ion:138 Resp: 144918

Ion Ratio Lower Upper

138 100

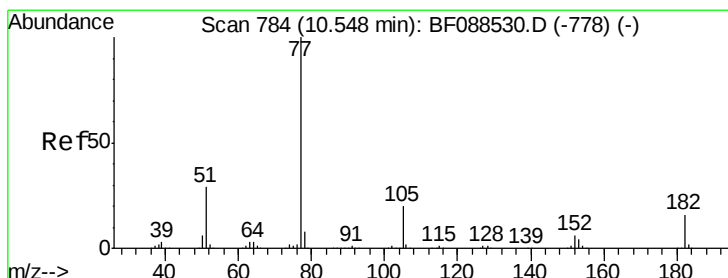
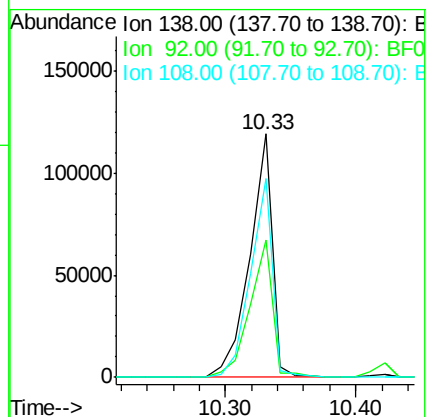
92 56.5 27.3 67.3

108 81.9 46.7 86.7

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#62

Azobenzene

Concen: 36.06 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion: 77 Resp: 549573

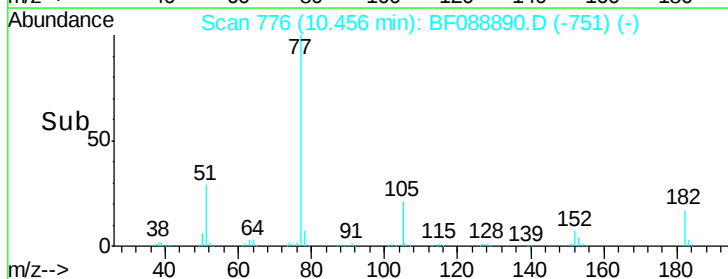
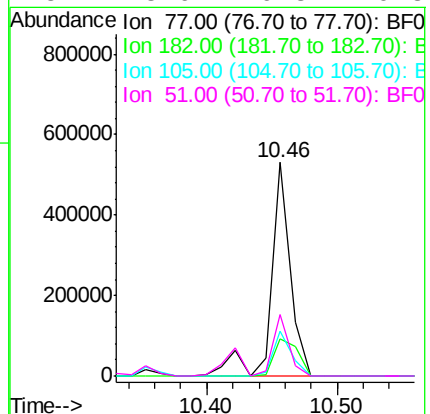
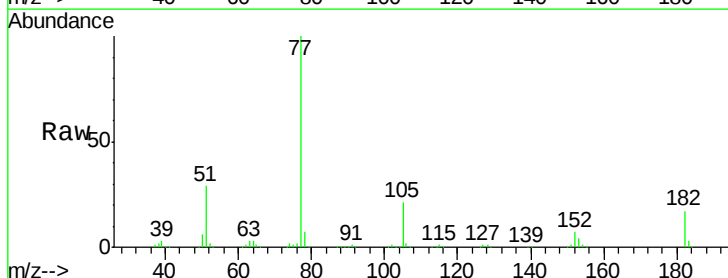
Ion Ratio Lower Upper

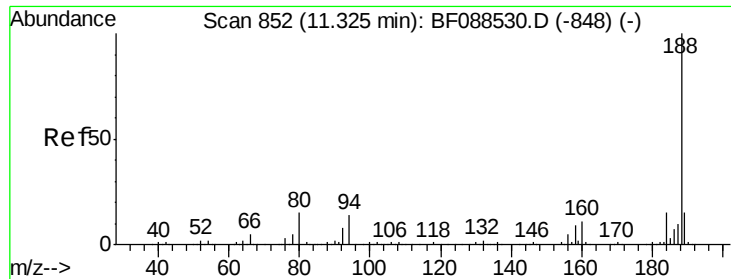
77 100

182 17.3 4.4 44.4

105 21.2 3.8 43.8

51 28.6 9.3 49.3





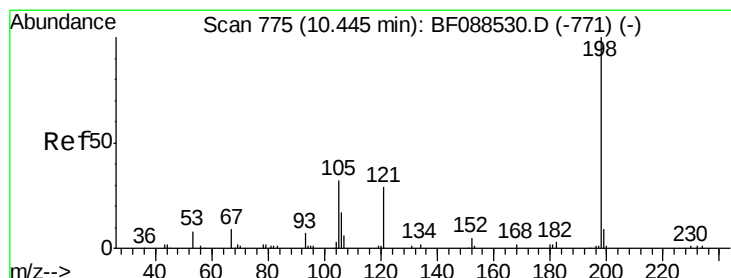
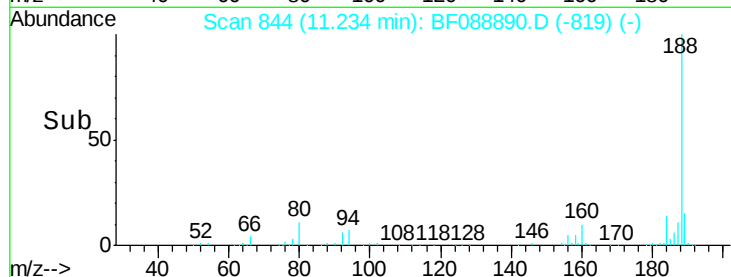
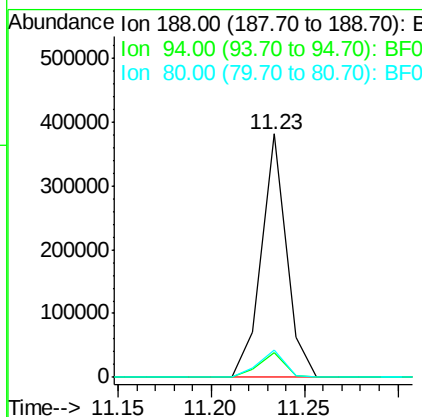
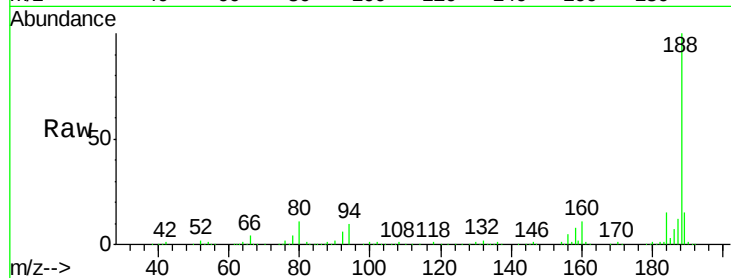
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.6
80	11.3	10.0	15.0

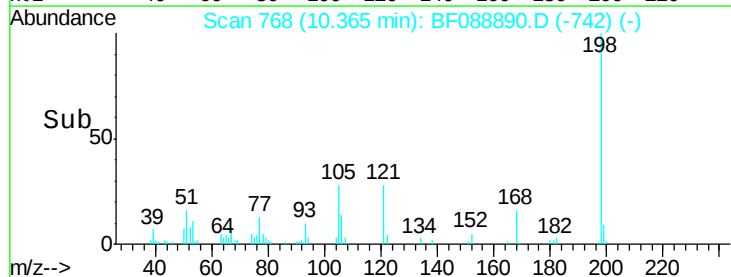
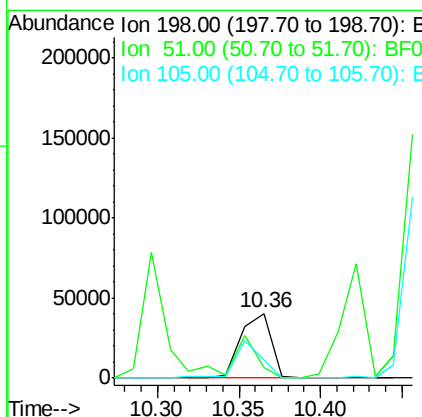
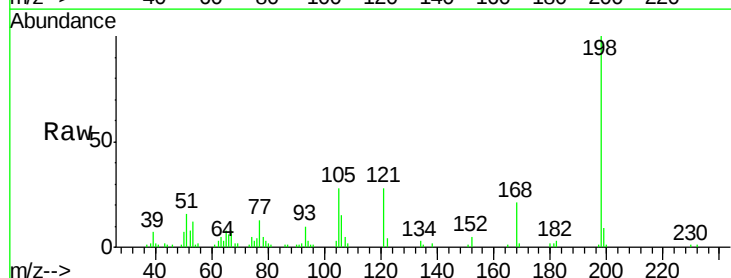
Manual Integrations

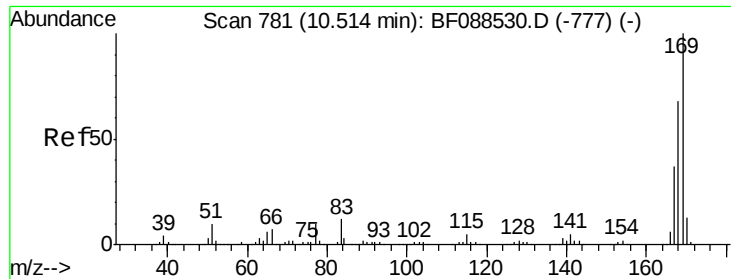
sohil
7/11/2016 7:16:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 27.28 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
198	100		
51	16.1	39.6	79.6#
105	27.7	36.6	76.6#





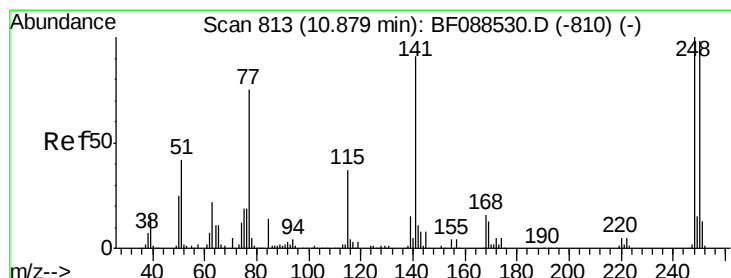
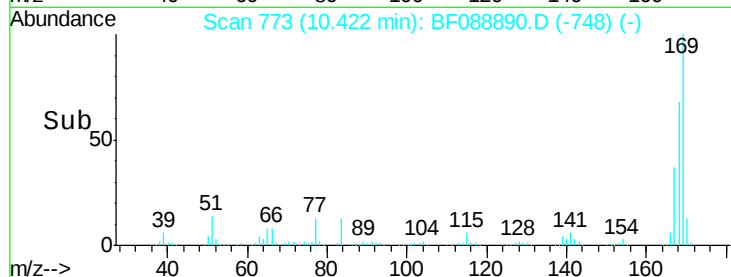
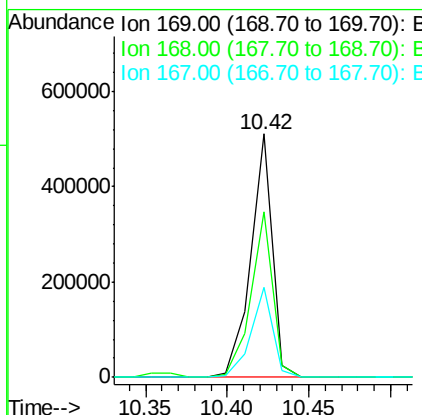
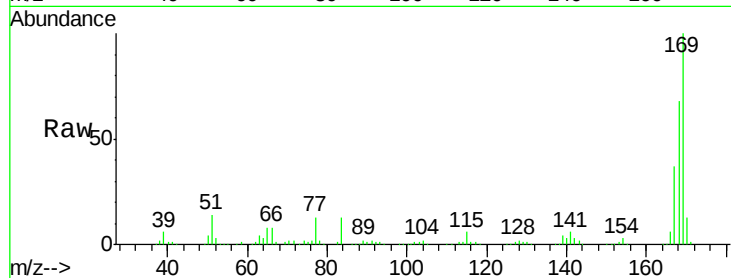
#65
 n-Nitrosodiphenylamine
 Concen: 39.06 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.8	53.4	80.0	
167	37.0	29.4	44.0	

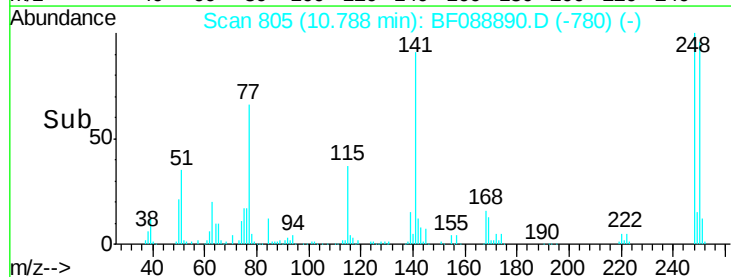
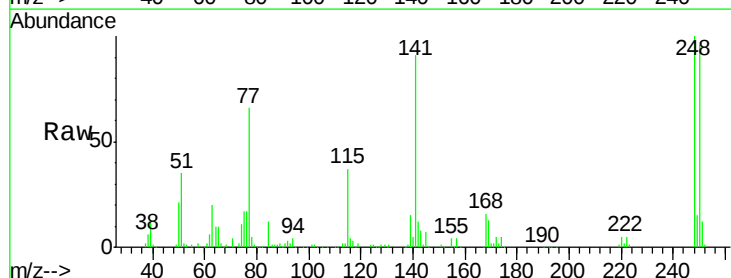
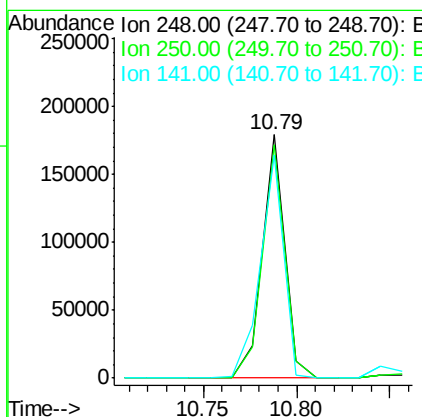
Manual Integrations

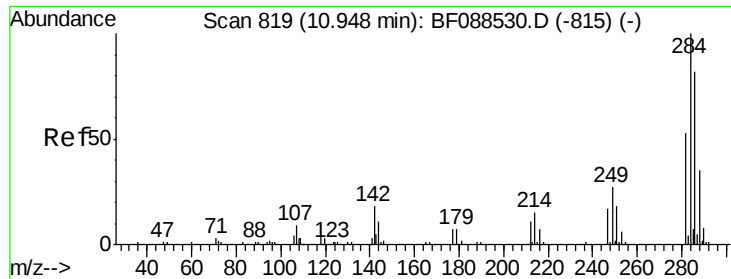
sohil
 7/11/2016 7:16:07 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.46 ng
 RT: 10.79 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	95.9	77.1	115.7	
141	91.5	50.6	76.0	





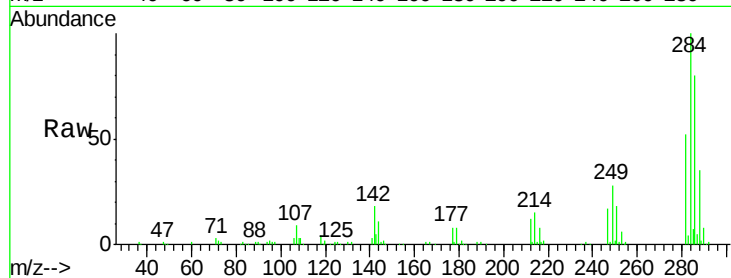
#67
Hexachlorobenzene
Concen: 45.29 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

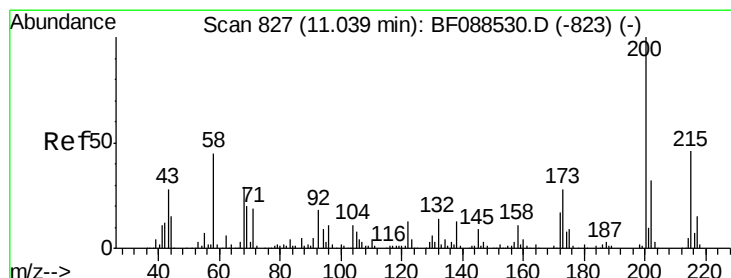
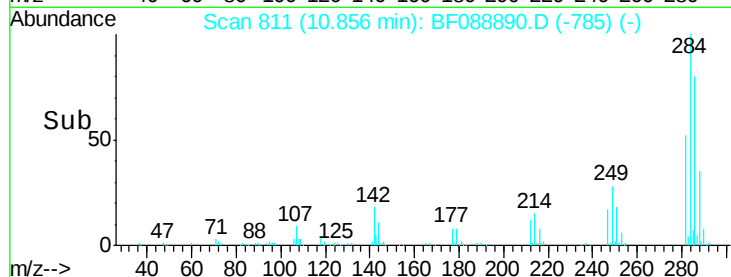
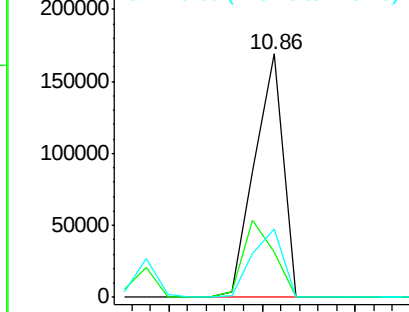
Tot Ion	Ratio	Lower	Upper
284	100		
142	18.4	35.8	53.8#
249	28.1	25.8	38.6

Manual Integrations

sohil
7/11/2016 7:16:07 PM

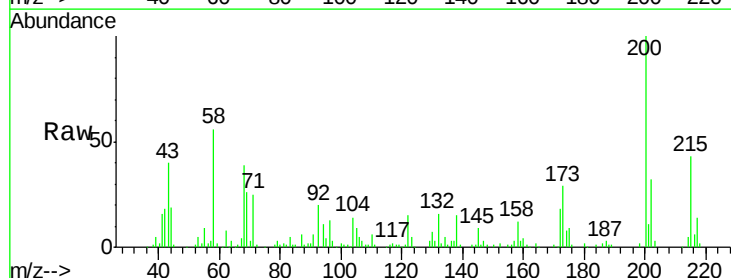


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

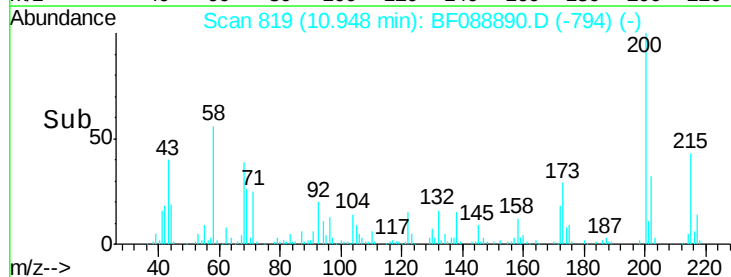
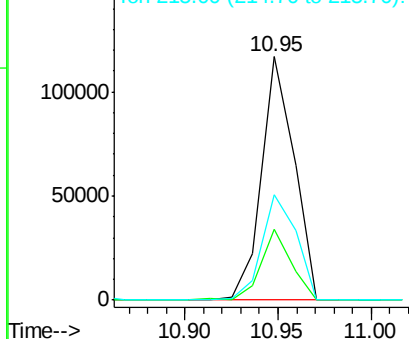


#68
Atrazine
Concen: 37.73 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	4.0	44.0
215	43.2	29.3	69.3



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





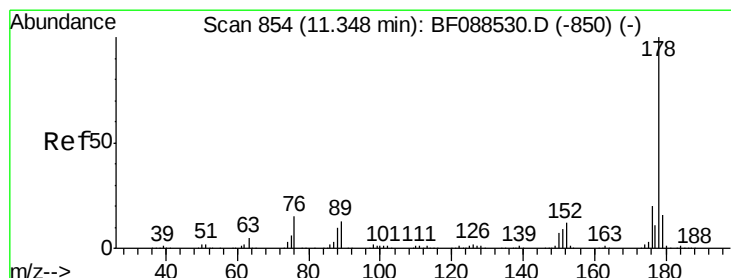
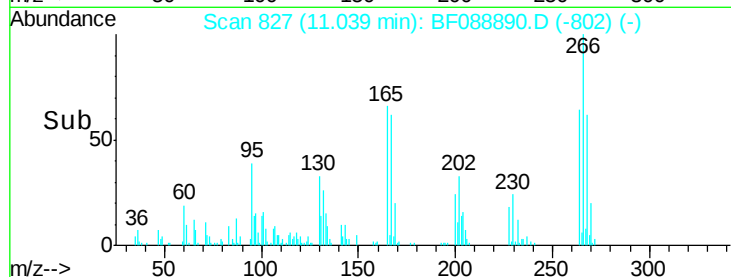
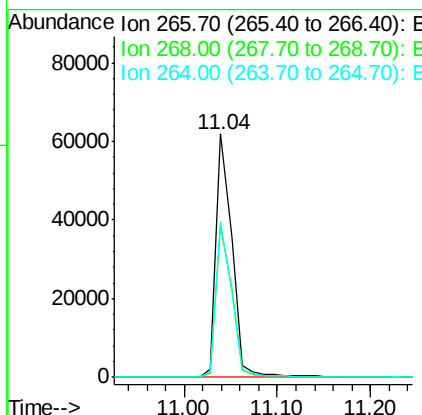
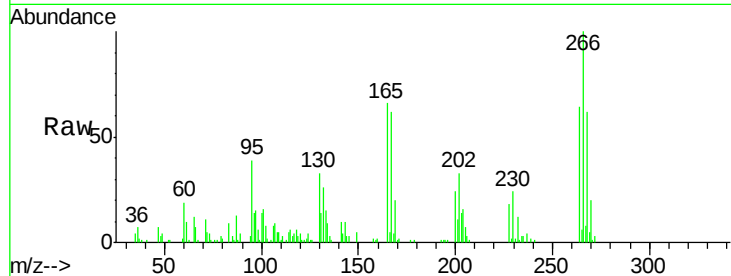
#69
 Pentachlorophenol
 Concen: 31.32 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.8	79.2
264	64.0	49.6	74.4

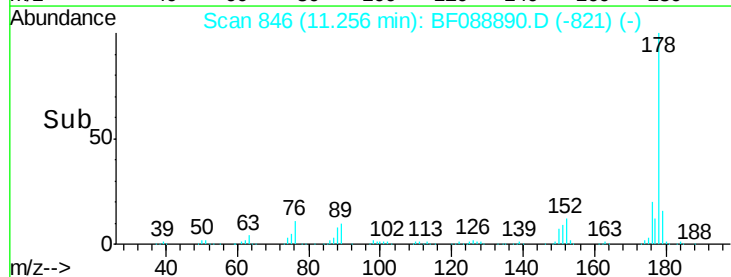
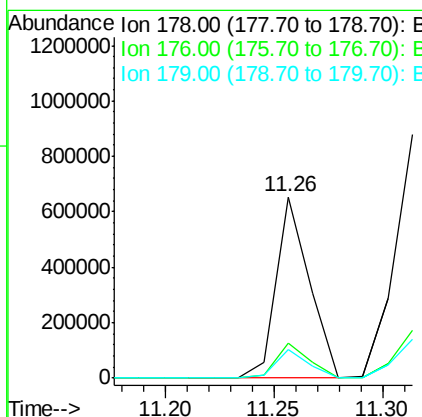
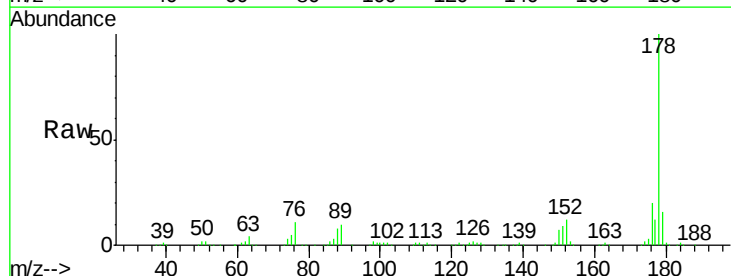
Manual Integrations

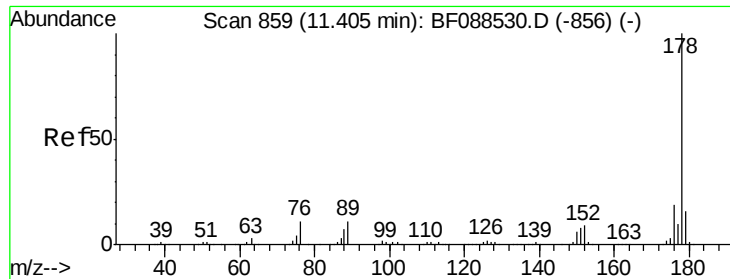
sohil
 7/11/2016 7:16:07 PM



#70
 Phenanthrene
 Concen: 36.09 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.9	13.0	19.4





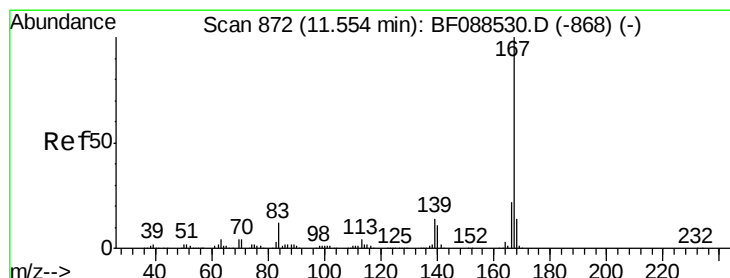
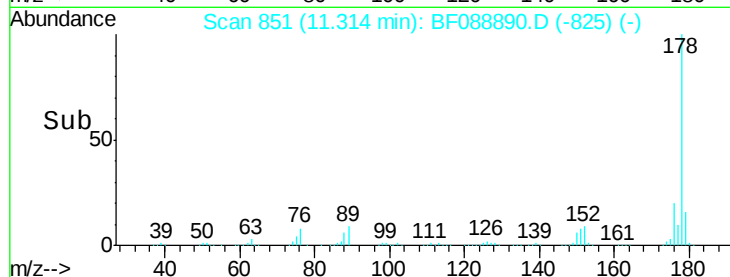
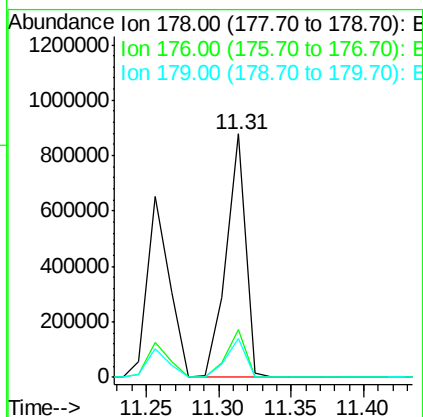
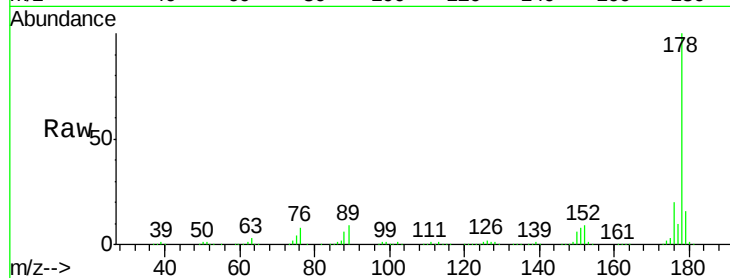
#71
 Anthracene
 Concen: 42.34 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.5	15.6	23.4	
179	15.8	12.8	19.2	

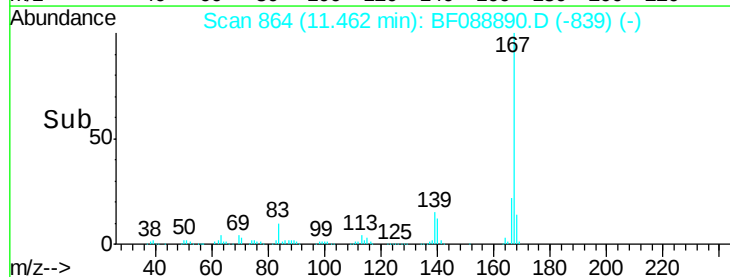
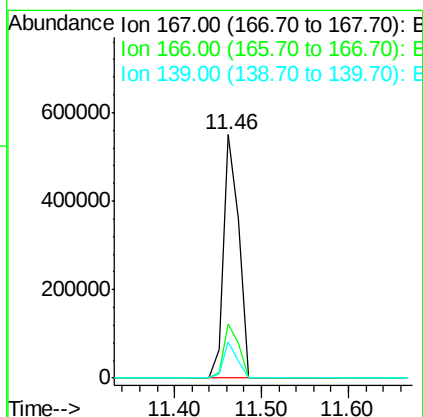
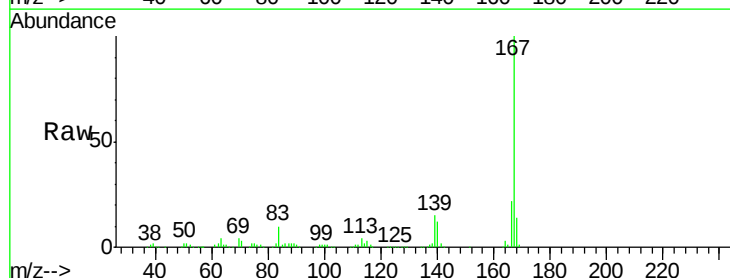
Manual Integrations

sohil
 7/11/2016 7:16:07 PM



#72
 Carbazole
 Concen: 37.12 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.8	26.6	
139	14.9	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 37.84 ng

RT: 11.81 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

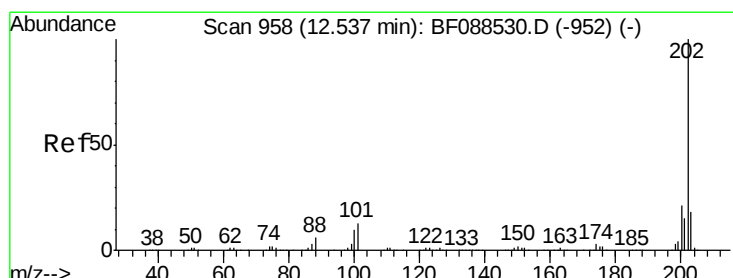
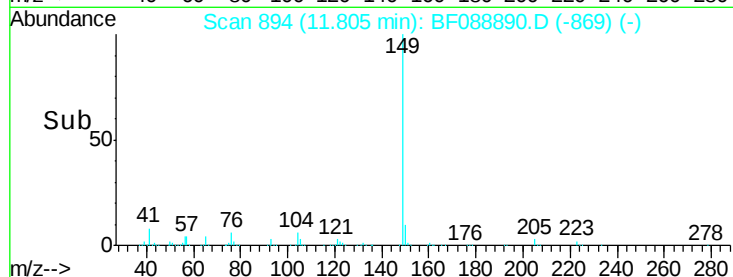
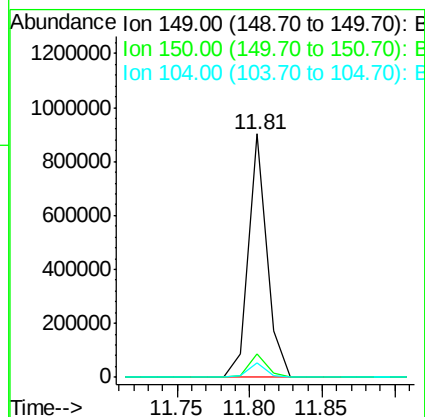
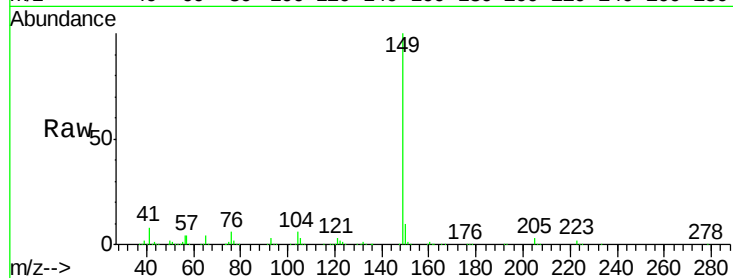
SSTDCCC040

Tot Ion:	149	Resp:	797795
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.9	4.0	6.0

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#74

Fluoranthene

Concen: 40.32 ng

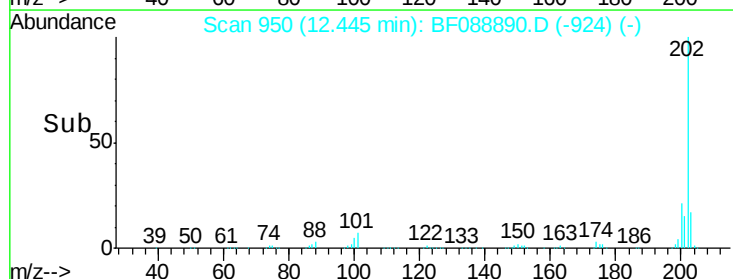
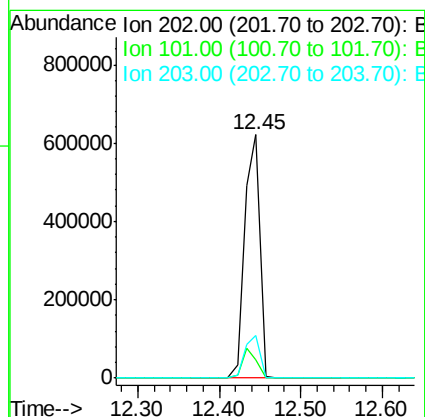
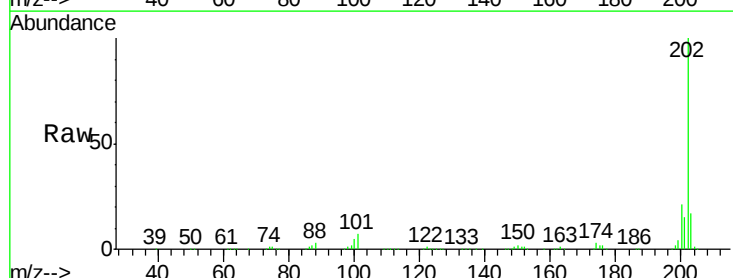
RT: 12.45 min Scan# 950

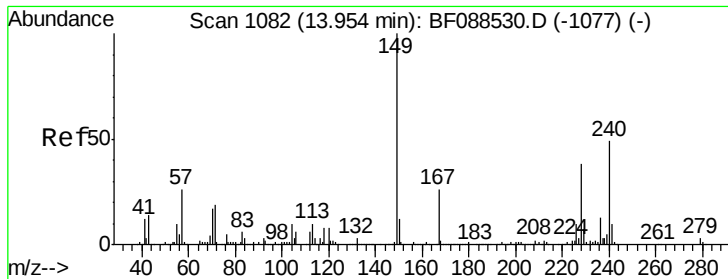
Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	202	Resp:	791749
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	33.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampled :

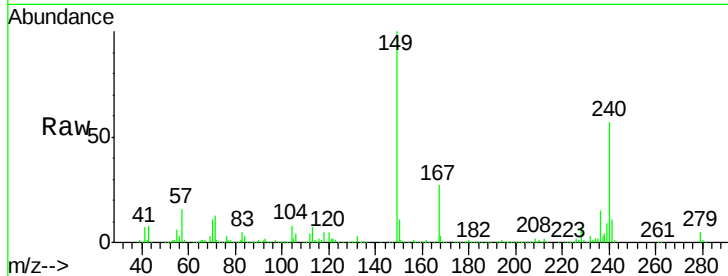
SSTDCCC040

Tot Ion:	240	Resp:	193221
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.8	10.2
236	25.9	20.2	30.2

Manual Integrations

sohil

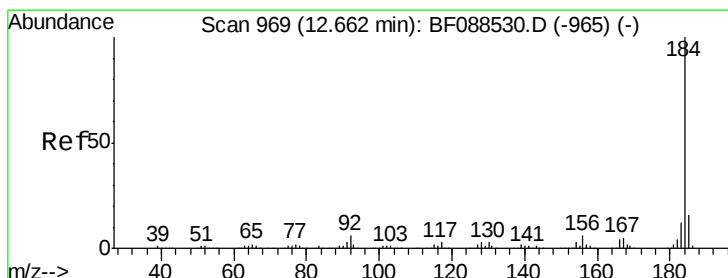
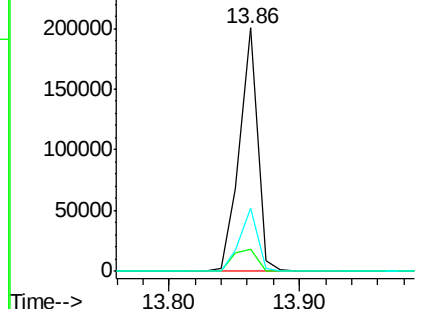
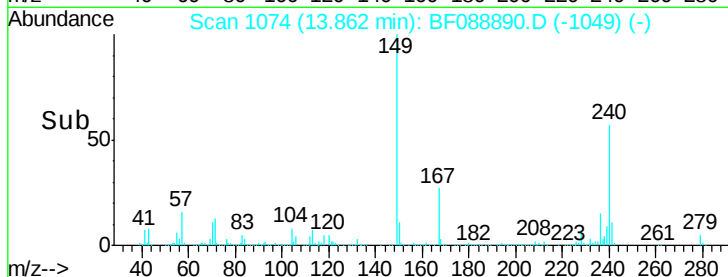
7/11/2016 7:16:07 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.62 ng

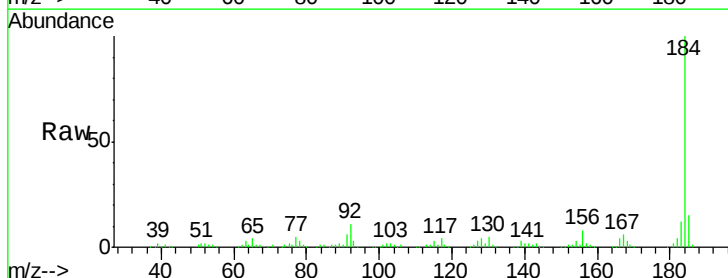
RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

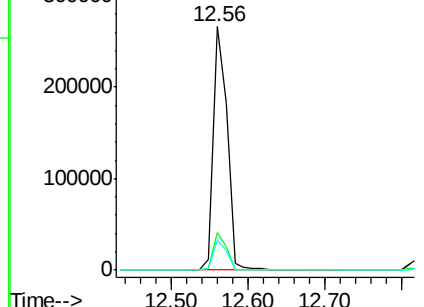
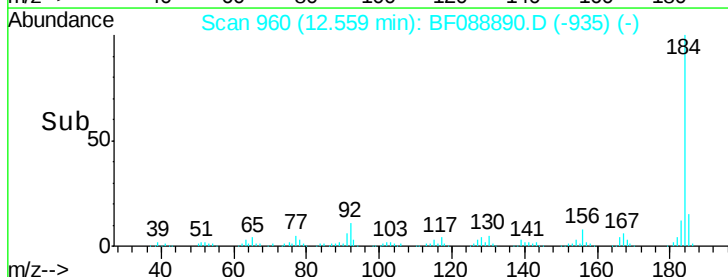
Tgt Ion:	184	Resp:	328343
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.5	18.7
183	12.0	9.3	13.9

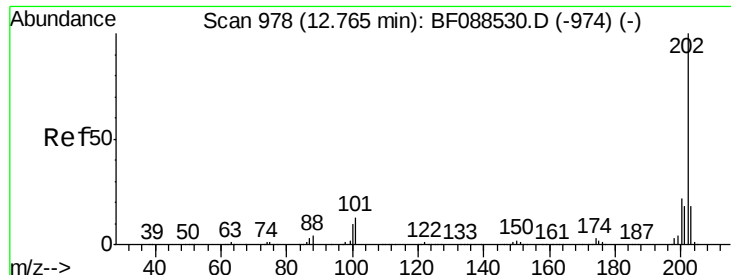


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





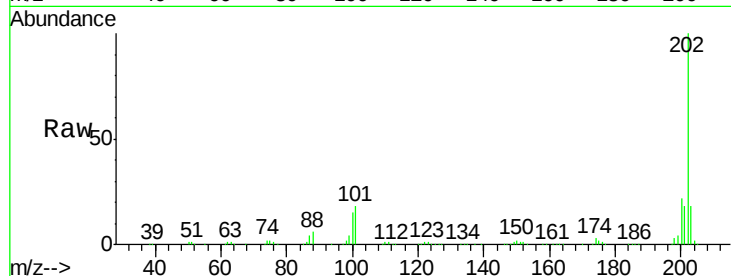
#77
Pvrene
Concen: 43.39 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

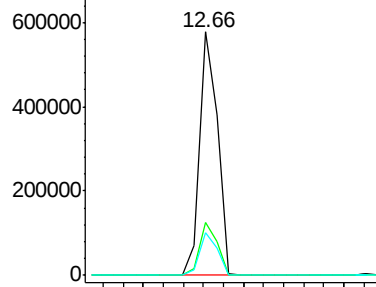
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.5	21.7

Manual Integrations

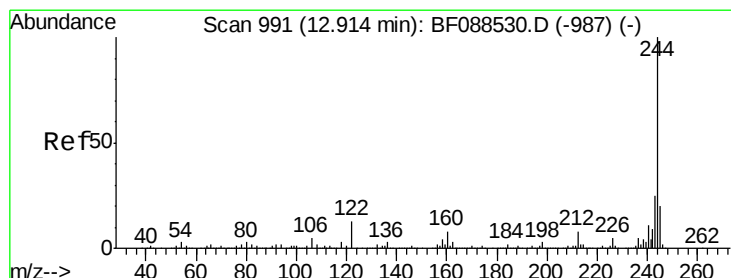
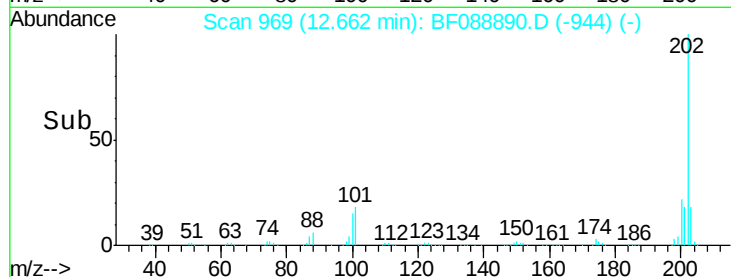
sohil
7/11/2016 7:16:07 PM



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

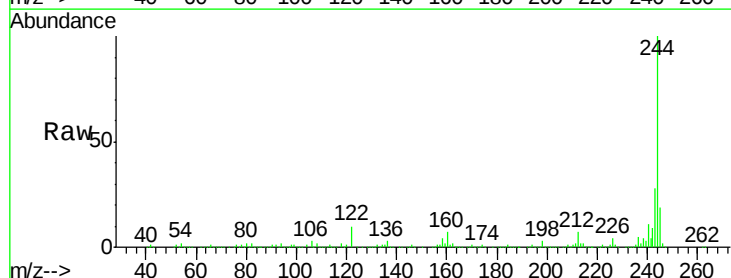


Time-->

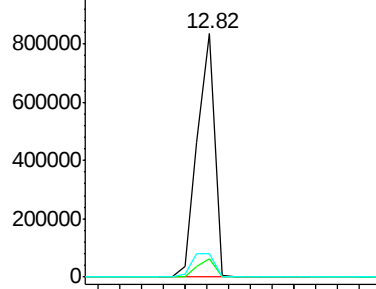


#78
Terphenyl-d14
Concen: 106.16 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

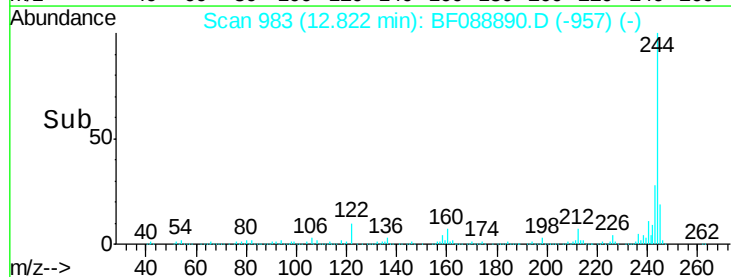
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.7	11.2	16.8#



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



Time-->





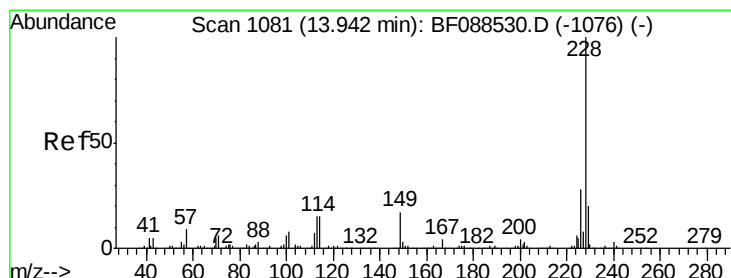
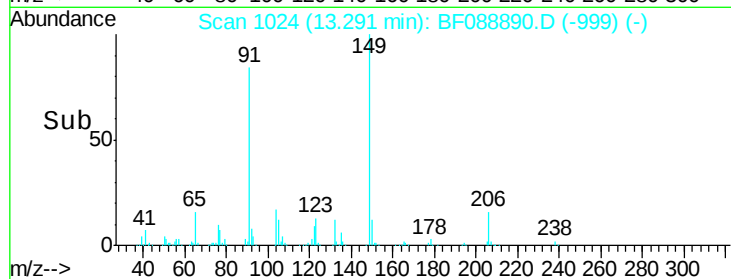
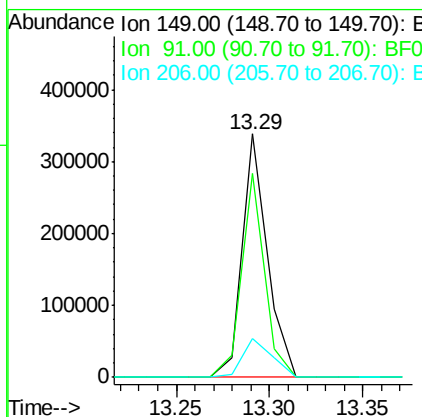
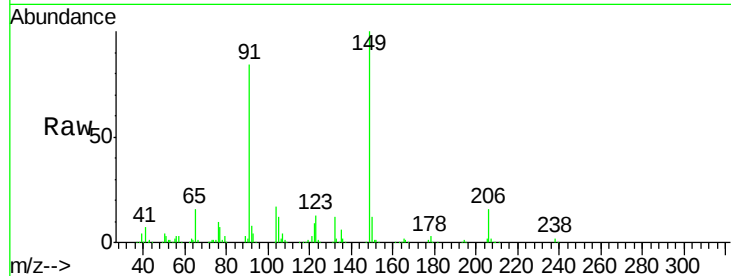
#79
Butylbenzylphthalate
Concen: 43.37 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.6	48.0	72.0#
206	16.1	16.0	24.0

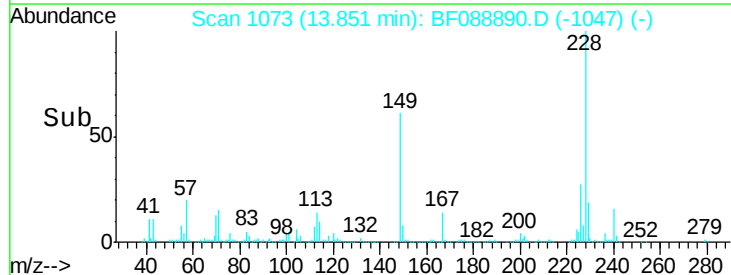
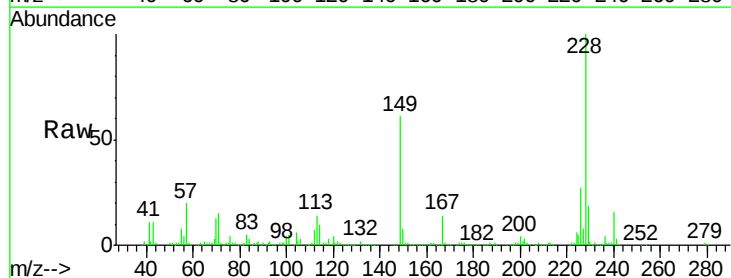
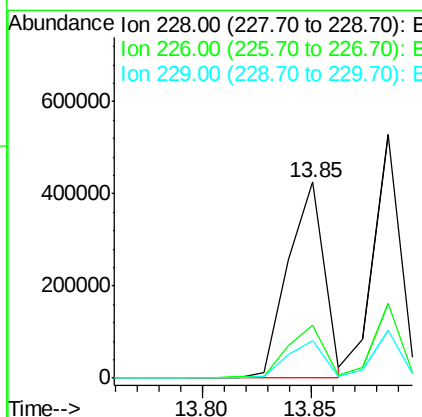
Manual Integrations

sohil
7/11/2016 7:16:07 PM



#80
Benzo(a)anthracene
Concen: 39.63 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	19.2	16.0	24.0





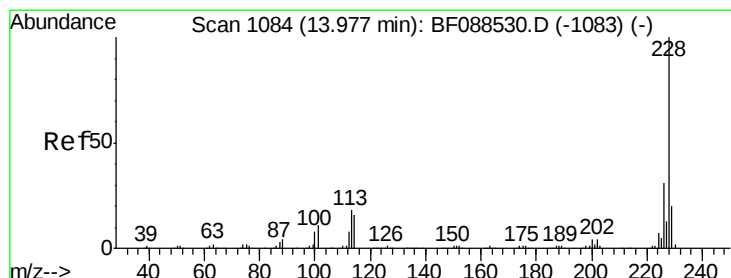
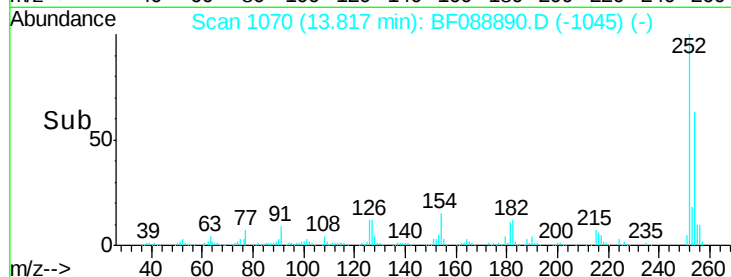
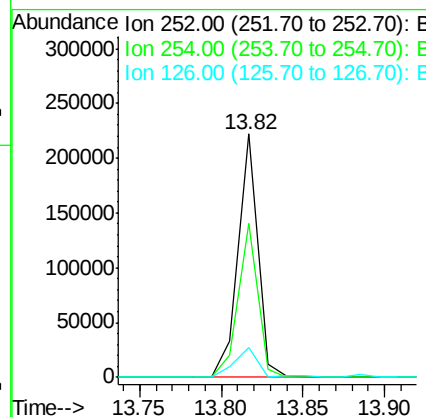
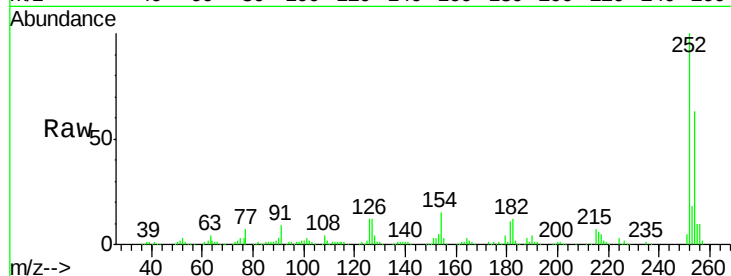
#81
 3,3'-Dichlorobenzidine
 Concen: 39.48 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
254	63.4	52.6	78.8	
126	12.3	6.2	9.2	

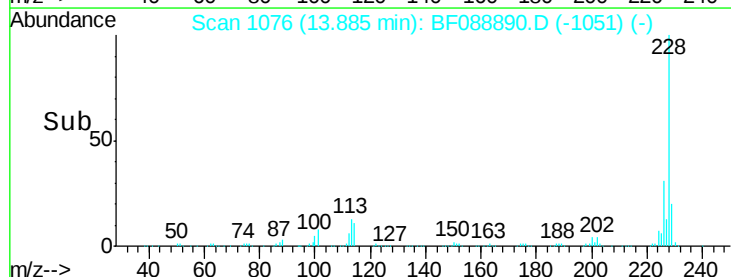
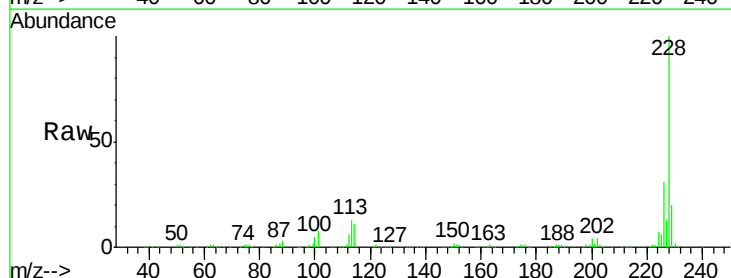
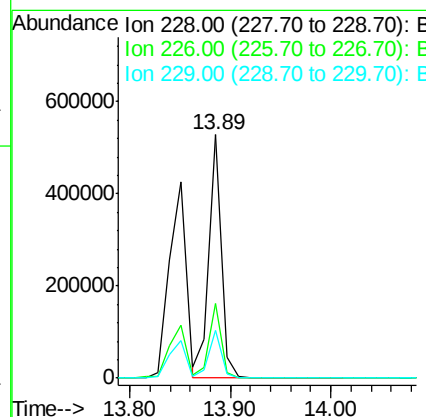
Manual Integrations

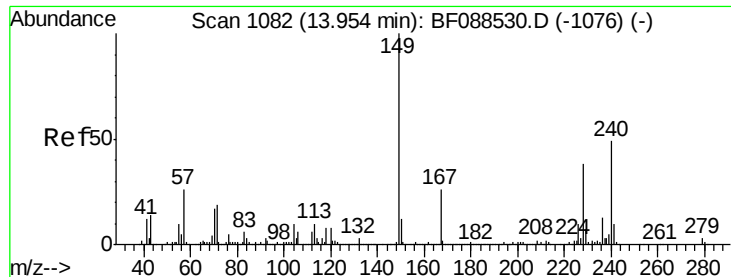
sohil
 7/11/2016 7:16:07 PM



#82
 Chrysene
 Concen: 37.17 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.5	25.4	38.2	
229	19.9	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.28 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 427855

Ion Ratio Lower Upper

149 100

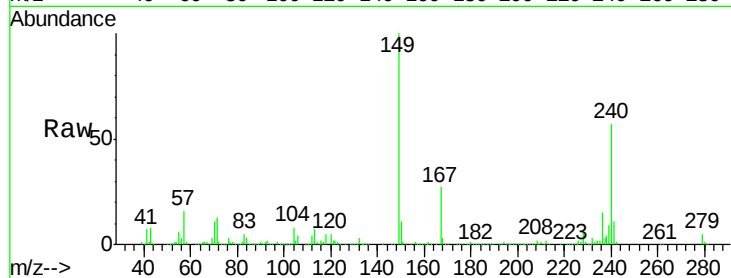
167 27.0 20.5 30.7

279 4.7 2.0 3.0#

Manual Integrations

sohil

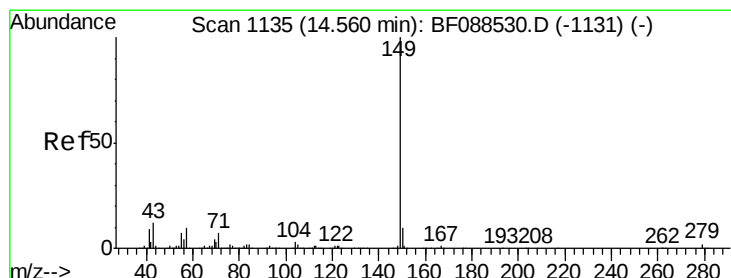
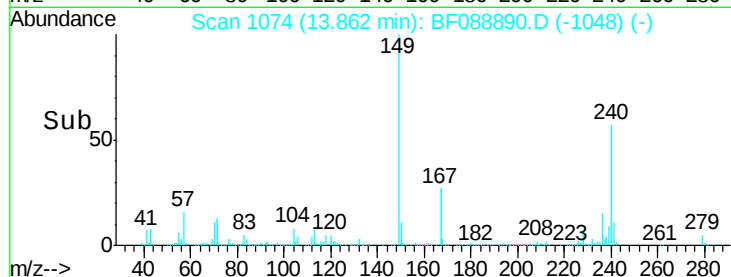
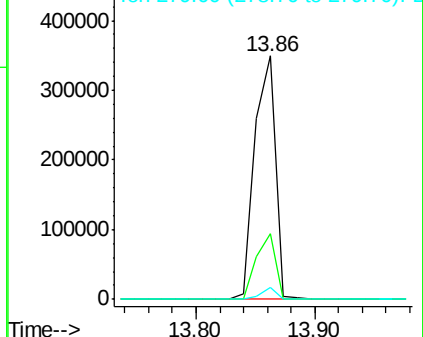
7/11/2016 7:16:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.96 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

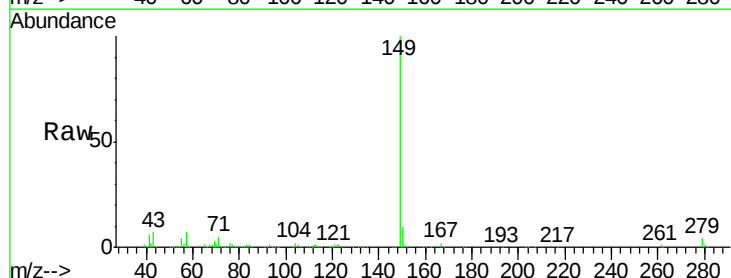
Tgt Ion:149 Resp: 637185

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

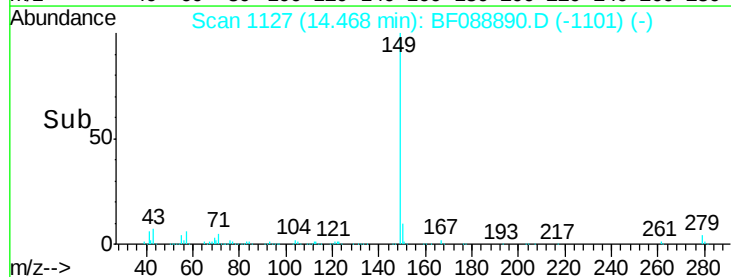
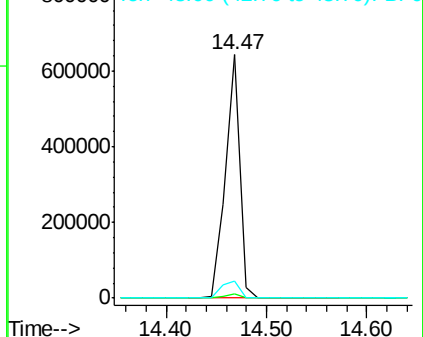
43 8.8 0.0 0.0#

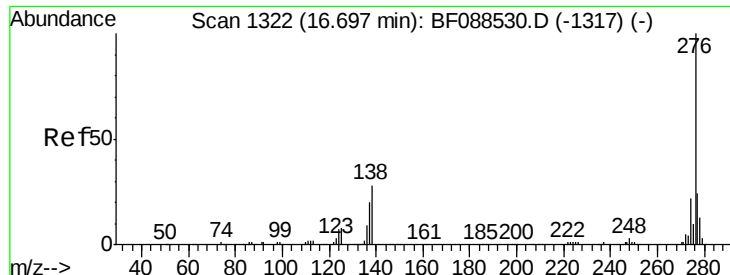


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





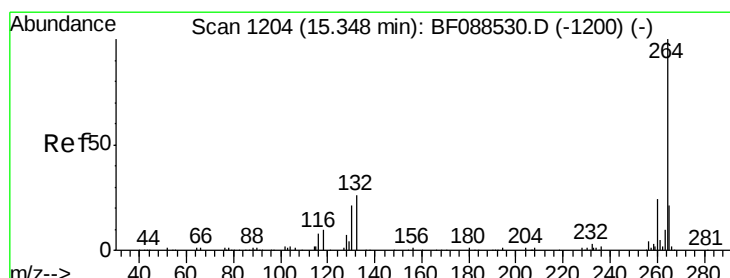
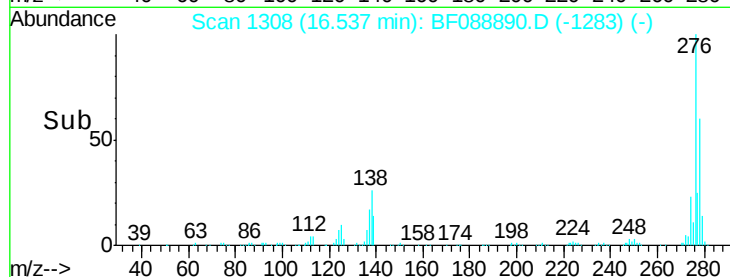
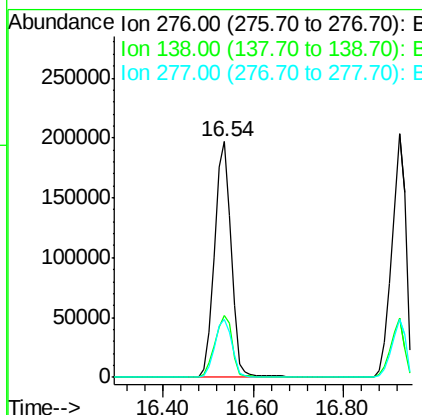
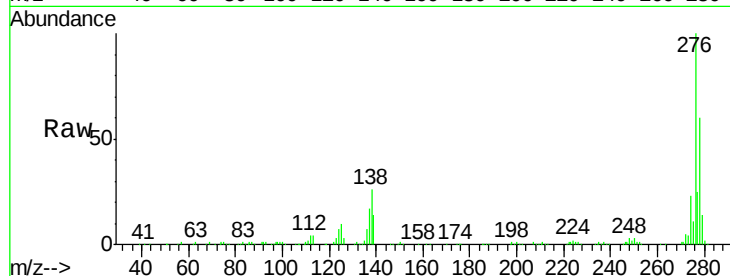
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.87 ng
RT: 16.54 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	25.4	0.0	0.0#

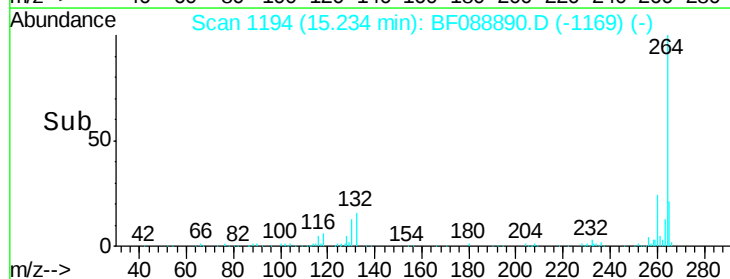
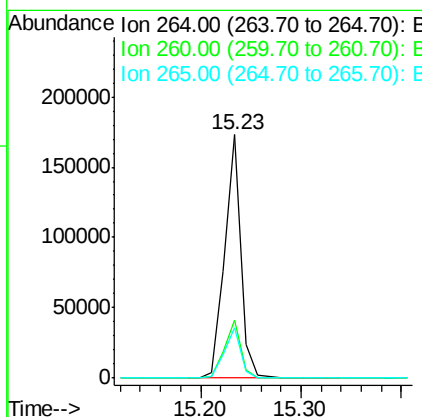
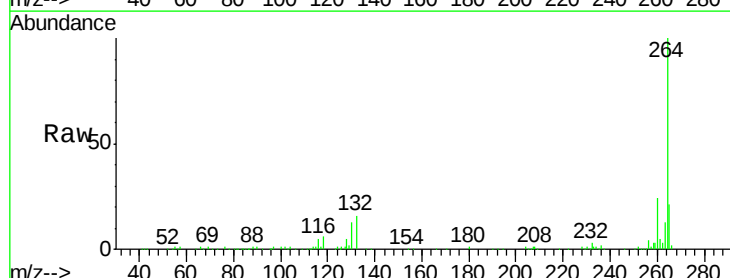
Manual Integrations

sohil
7/11/2016 7:16:07 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 40.62 ng m

RT: 14.86 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

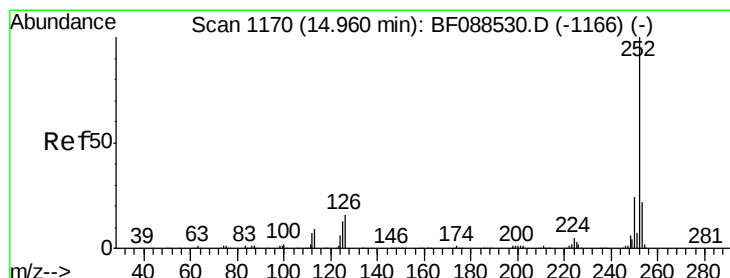
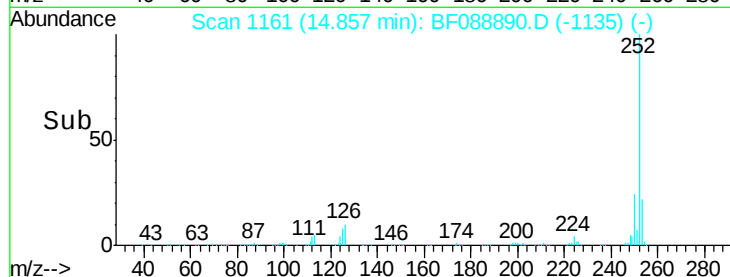
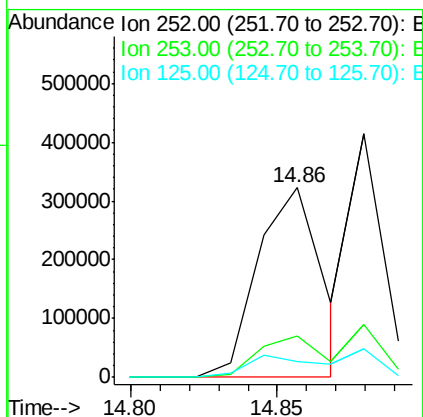
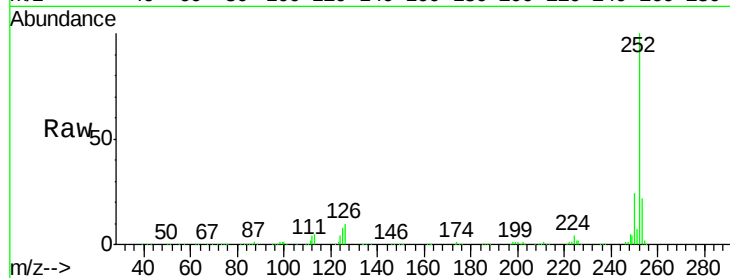
SSTDCCC040

Tot Ion:	252	Resp:	491941
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	8.1	7.1	10.7

Manual Integrations

sohil

7/11/2016 7:16:07 PM



#88

Benzo(k)fluoranthene

Concen: 31.53 ng m

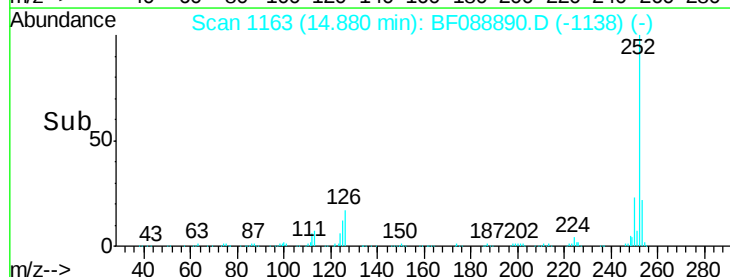
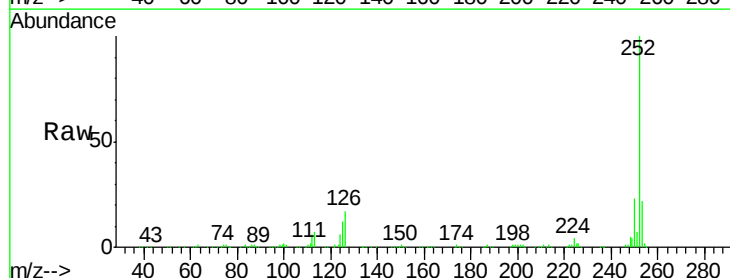
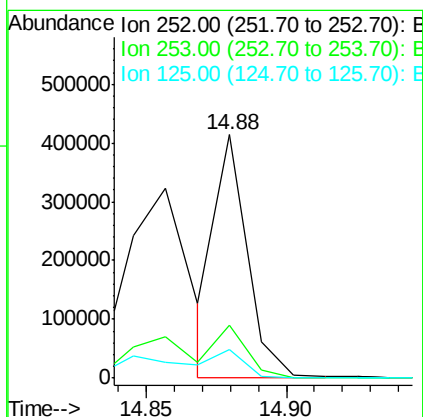
RT: 14.88 min Scan# 1163

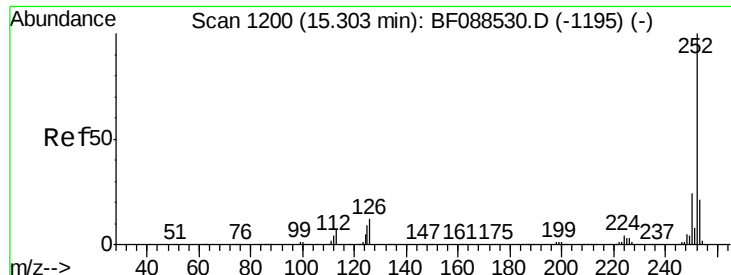
Delta R.T. -0.01 min

Lab File: BF088890.D

Acq: 10 Jul 2016 00:55

Tgt Ion:	252	Resp:	332465
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	11.8	11.2	16.8





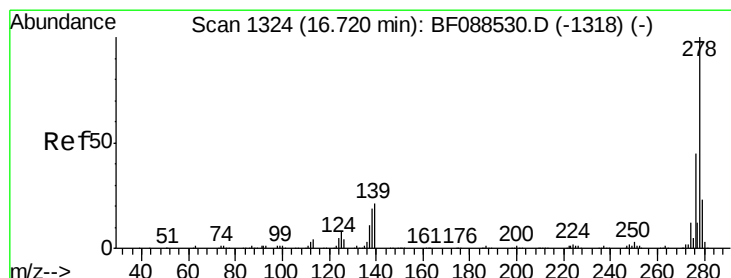
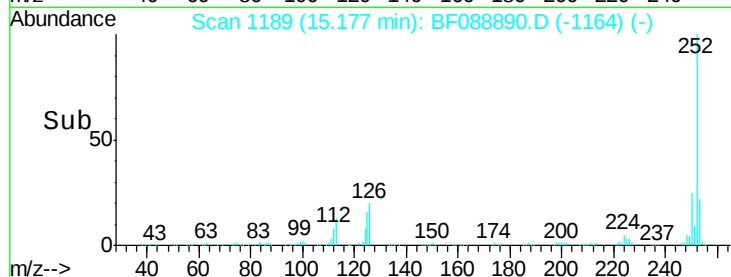
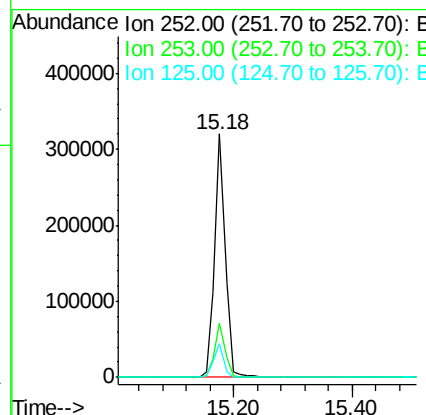
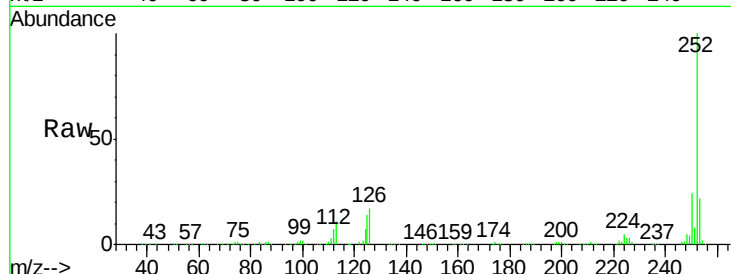
#89
Benzo(a)pyrene
Concen: 39.06 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.7	12.5	18.7

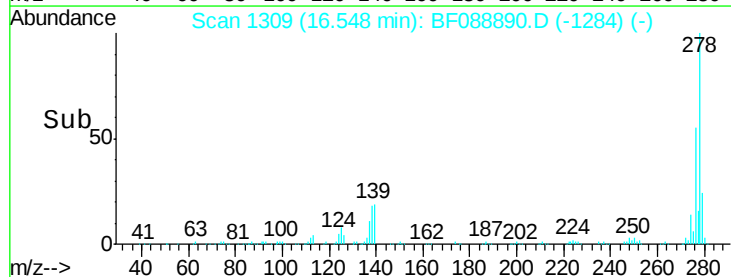
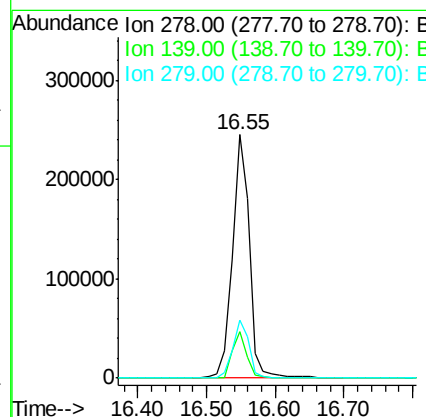
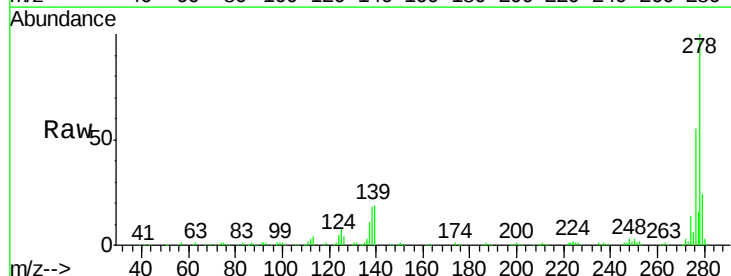
Manual Integrations

sohil
7/11/2016 7:16:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.33 ng
RT: 16.55 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF088890.D
Acq: 10 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.7	23.5
279	23.9	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 50.95 ng
 RT: 16.93 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF088890.D
 Acq: 10 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	24.5	21.4	32.2

Manual Integrations

sohil
 7/11/2016 7:16:07 PM

