

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088740.D
 Acq On : 6 Jul 2016 18:05
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

umangi
 7/8/2016 6:59:06 AM

Quant Time: Jul 07 01:12:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89840	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	356653	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	170613	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	345254	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	251627	20.00	ng	-0.03
86) Perylene-d12	15.27	264	234665	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	448019	74.74	ng	-0.03
7) Phenol-d6	6.39	99	564317	72.86	ng	-0.02
23) Nitrobenzene-d5	7.32	82	581996	85.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	143976	90.88	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	1036094	95.92	ng	-0.02
78) Terphenyl-d14	12.85	244	918082	81.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	102122	34.36	ng	# 35
3) Pyridine	2.95	79	300372	34.83	ng	91
4) n-Nitrosodimethylamine	2.91	42	110474	33.53	ng	85
6) Aniline	6.41	93	404606	35.84	ng	# 87
8) 2-Chlorophenol	6.54	128	263665	40.92	ng	92
9) Benzaldehyde	6.30	77	177154	33.76	ng	94
10) Phenol	6.40	94	278889	31.55	ng	# 59
11) bis(2-Chloroethyl)ether	6.49	93	236855	35.93	ng	90
12) 1,3-Dichlorobenzene	6.70	146	270380m	38.14	ng	
13) 1,4-Dichlorobenzene	6.76	146	260360	37.00	ng	94
14) 1,2-Dichlorobenzene	6.92	146	275792m	41.87	ng	
15) Benzyl Alcohol	6.90	79	227246	39.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	302259	31.66	ng	89
17) 2-Methylphenol	7.02	107	209381	39.84	ng	98
18) Hexachloroethane	7.27	117	109787	40.33	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	183108	35.19	ng	90
20) 3+4-Methylphenols	7.16	107	254066	40.28	ng	# 54
22) Acetophenone	7.16	105	339267	39.19	ng	# 86
24) Nitrobenzene	7.34	77	266677	38.86	ng	# 83
25) Isophorone	7.58	82	507074	40.22	ng	94
26) 2-Nitrophenol	7.66	139	147697	52.49	ng	88
27) 2,4-Dimethylphenol	7.70	122	252815	43.14	ng	91
28) bis(2-Chloroethoxy)methane	7.79	93	309243	37.69	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	207164	43.74	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	215091	41.38	ng	98
31) Naphthalene	8.06	128	691767	39.34	ng	100
32) Benzoic acid	7.84	122	177189	41.64	ng	94
33) 4-Chloroaniline	8.11	127	358968	45.89	ng	# 94
34) Hexachlorobutadiene	8.18	225	128928	46.32	ng	98
35) Caprolactam	8.49	113	76110	47.31	ng	# 84
36) 4-Chloro-3-methylphenol	8.59	107	234119	41.80	ng	91
37) 2-Methylnaphthalene	8.75	142	504575	44.57	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	228135	40.20	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	108757	39.05	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088740.D
 Acq On : 6 Jul 2016 18:05
 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

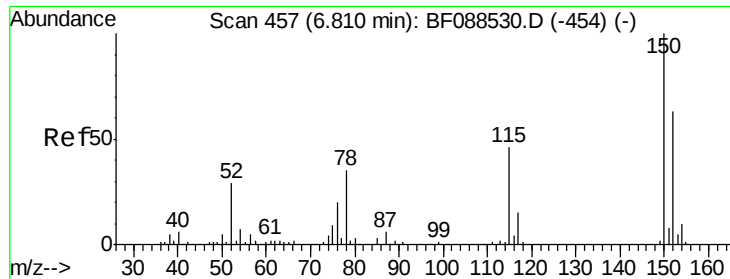
Manual Integrations

umangi
 7/8/2016 6:59:06 AM

Quant Time: Jul 07 01:12:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	158492	42.36	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	137507	42.72	nq	# 83
45) 1,1'-Biphenyl	9.21	154	547355	38.74	nq	99
46) 2-Chloronaphthalene	9.23	162	437911	39.48	nq	97
47) 2-Nitroaniline	9.32	65	166598	42.33	nq	95
48) Acenaphthylene	9.64	152	703647	39.87	nq	100
49) Dimethylphthalate	9.52	163	498880	41.04	nq	100
50) 2,6-Dinitrotoluene	9.58	165	119194	44.25	nq	# 58
51) Acenaphthene	9.82	154	450635	41.66	nq	98
52) 3-Nitroaniline	9.75	138	163772	47.82	nq	82
53) 2,4-Dinitrophenol	9.85	184	67447	56.70	nq	# 73
54) Dibenzofuran	9.99	168	558802	39.47	nq	# 86
55) 4-Nitrophenol	9.91	139	124332	47.78	nq	# 75
56) 2,4-Dinitrotoluene	9.98	165	153631	43.62	nq	# 54
57) Fluorene	10.33	166	446703	40.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	118447	47.56	nq	# 54
59) Diethylphthalate	10.22	149	550915	45.16	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	235431	46.44	nq	97
61) 4-Nitroaniline	10.35	138	135042	40.98	nq	84
62) Azobenzene	10.49	77	601508	43.23	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	96895	52.47	nq	# 58
65) n-Nitrosodiphenylamine	10.44	169	425037	36.37	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	132147	37.98	nq	# 71
67) Hexachlorobenzene	10.88	284	167547	43.50	nq	# 88
68) Atrazine	10.98	200	152466	41.87	nq	100
69) Pentachlorophenol	11.07	266	96984	42.55	nq	98
70) Phenanthrene	11.29	178	791832	41.96	nq	98
71) Anthracene	11.34	178	689957	36.77	nq	100
72) Carbazole	11.50	167	744019	42.12	nq	99
73) Di-n-butylphthalate	11.83	149	805983	39.23	nq	# 99
74) Fluoranthene	12.47	202	840899	43.95	nq	97
76) Benzidine	12.59	184	570066	44.82	nq	99
77) Pyrene	12.70	202	880327	41.26	nq	99
79) Butylbenzylphthalate	13.33	149	370558	38.94	nq	94
80) Benzo(a)anthracene	13.87	228	653202	40.31	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	242095	39.74	nq	# 94
82) Chrysene	13.91	228	604069	37.68	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	500851	46.10	nq	# 99
84) Di-n-octyl phthalate	14.49	149	841304	45.58	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	469076	38.03	nq	# 100
87) Benzo(b)fluoranthene	14.88	252	559747	38.02	nq	# 96
88) Benzo(k)fluoranthene	14.91	252	554688m	43.28	nq	
89) Benzo(a)pyrene	15.21	252	502520	40.32	nq	97
90) Dibenzo(a,h)anthracene	16.59	278	402676	38.69	nq	98
91) Benzo(g,h,i)perylene	16.97	276	402871	37.41	nq	98

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



#1

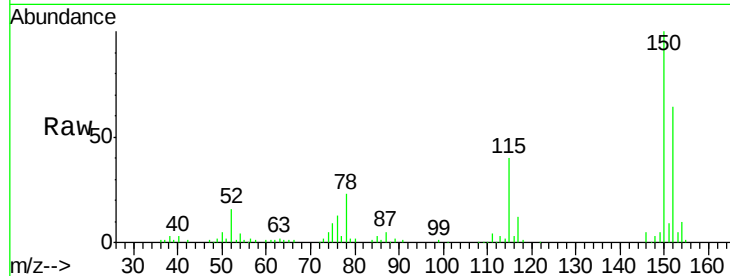
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	62.2	39.6	59.4

Manual Integrations

umangi
7/8/2016 6:59:06 AM

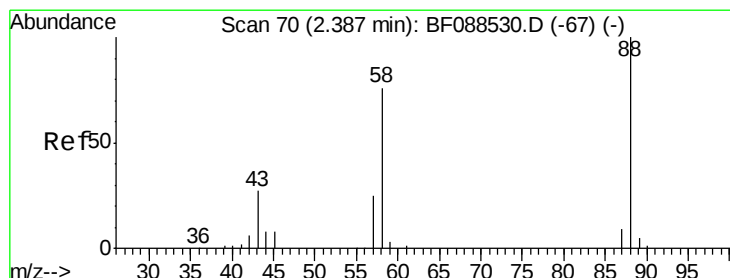
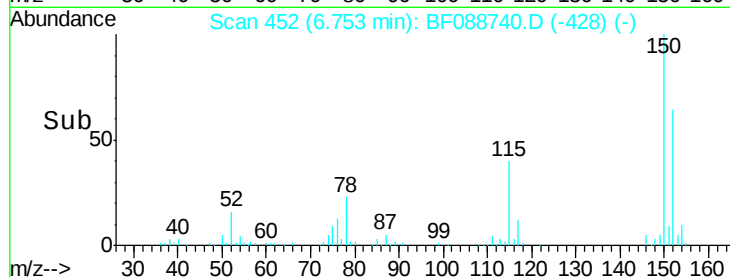
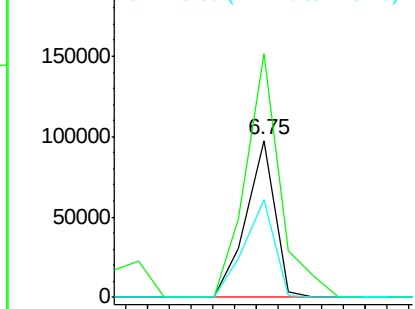


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

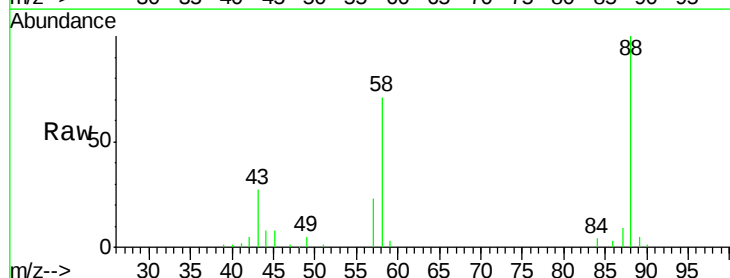
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.36 ng
RT: 2.27 min Scan# 60
Delta R.T. -0.06 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	0.0	0.0
43	25.7	3.4	5.2

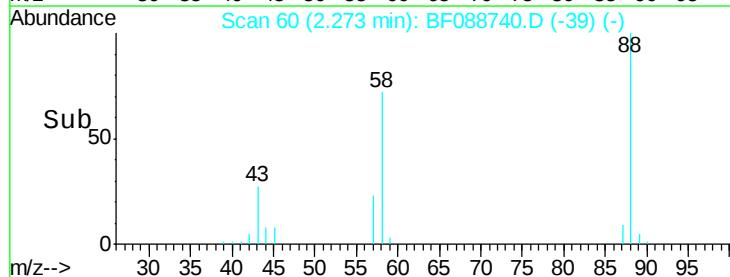
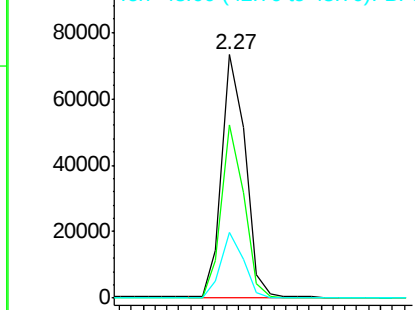


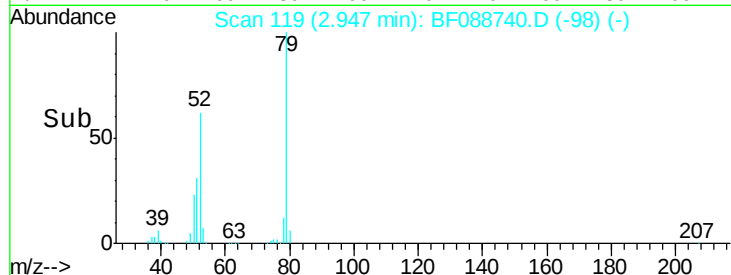
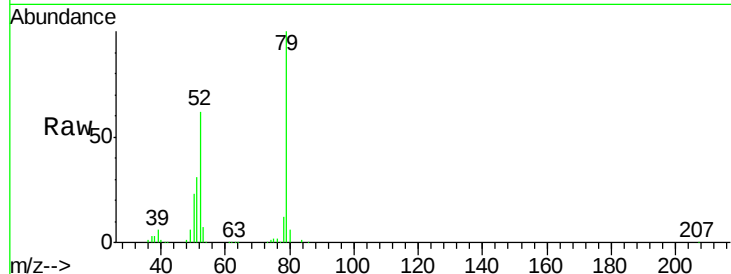
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





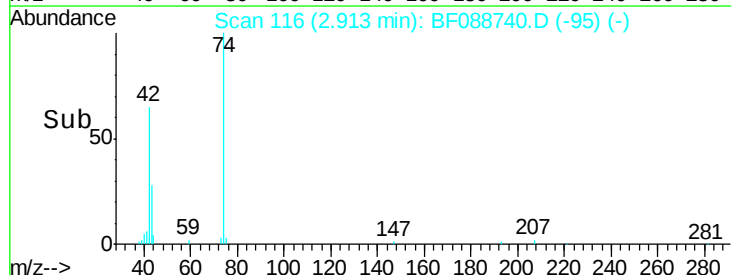
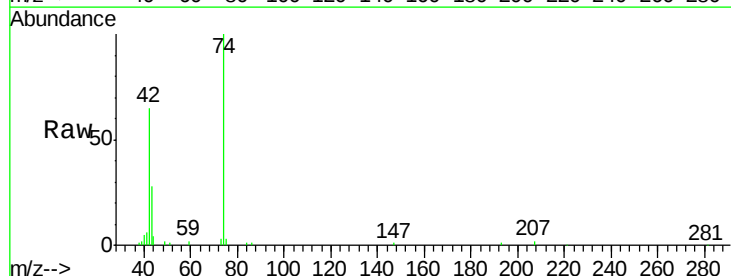
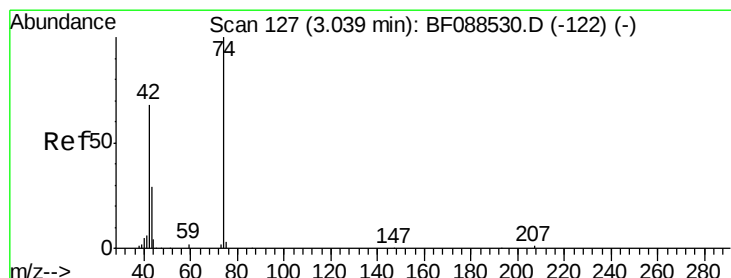
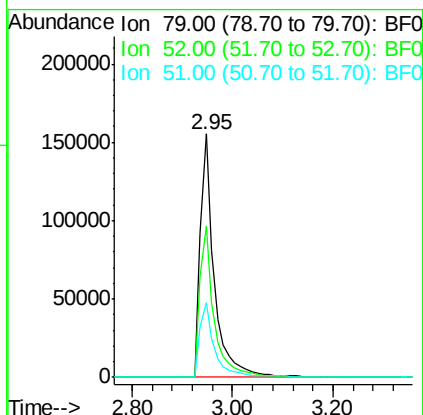
#3
 Pvridine
 Concen: 34.83 ng
 RT: 2.95 min Scan# 119
 Delta R.T. -0.06 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tot Ion:	79	Resp:	300372
Ion Ratio	Lower	Upper	
79	100		
52	62.3	56.3	84.5
51	30.9	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

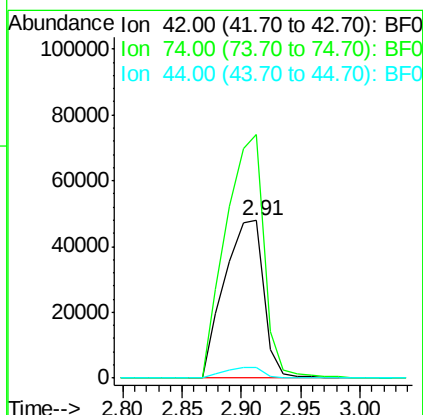
Manual Integrations

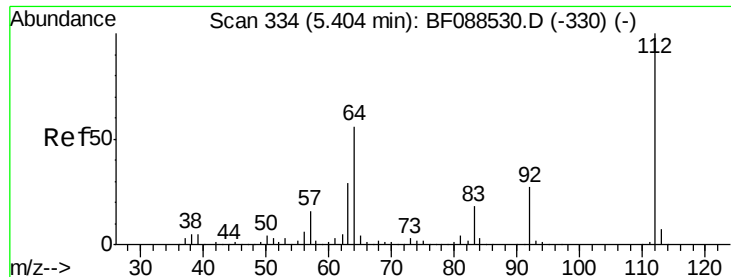
umangi
 7/8/2016 6:59:06 AM



#4
 n-Nitrosodimethylamine
 Concen: 33.53 ng
 RT: 2.91 min Scan# 116
 Delta R.T. -0.06 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion:	42	Resp:	110474
Ion Ratio	Lower	Upper	
42	100		
74	154.7	108.6	163.0
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 74.74 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

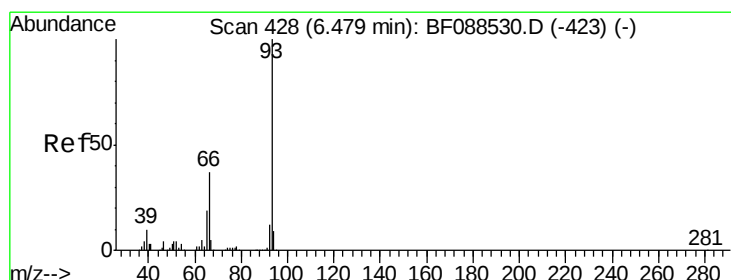
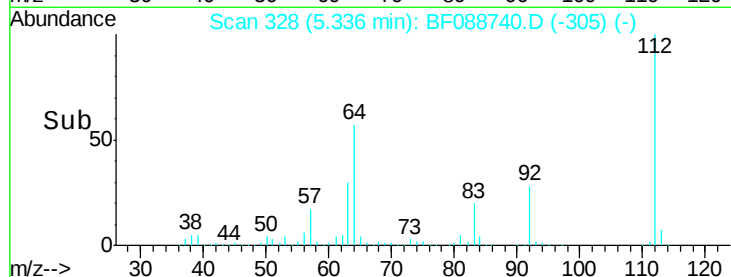
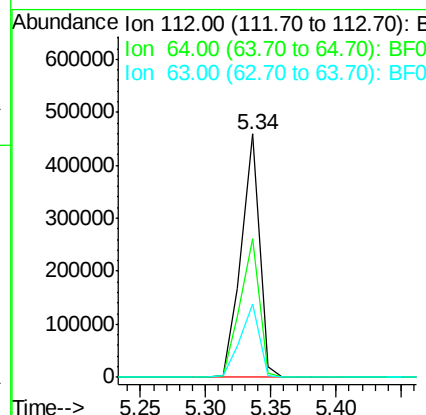
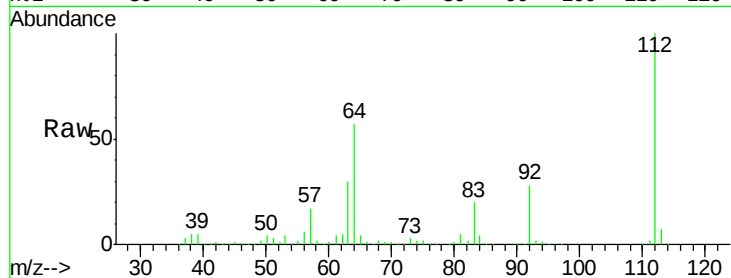
SSTDCCC040

Tot Ion:	112	Resp:	448019
Ion Ratio	Lower	Upper	
112	100		
64	57.1	42.2	63.2
63	30.3	21.8	32.8

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#6

Aniline

Concen: 35.84 ng

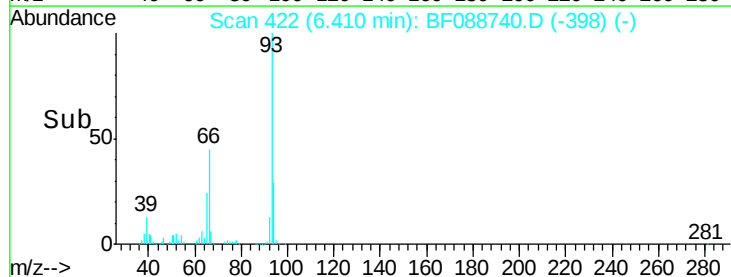
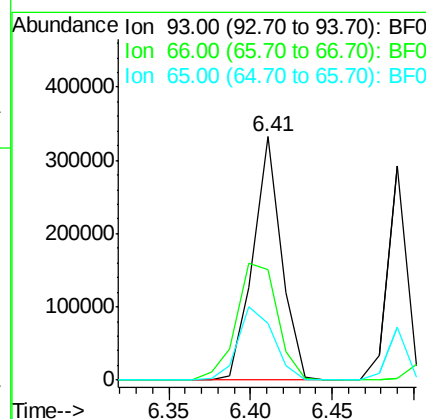
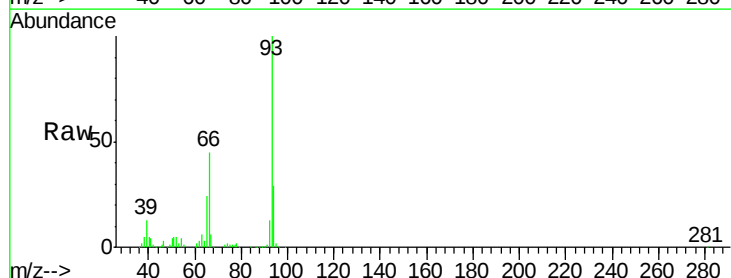
RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Tgt Ion:	93	Resp:	404606
Ion Ratio	Lower	Upper	
93	100		
66	45.4	29.8	44.8#
65	23.5	14.9	22.3#





#7

Phenol-d6

Concen: 72.86 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 564317

Ion Ratio Lower Upper

99 100

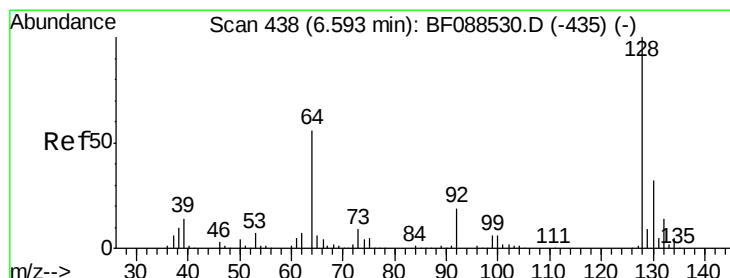
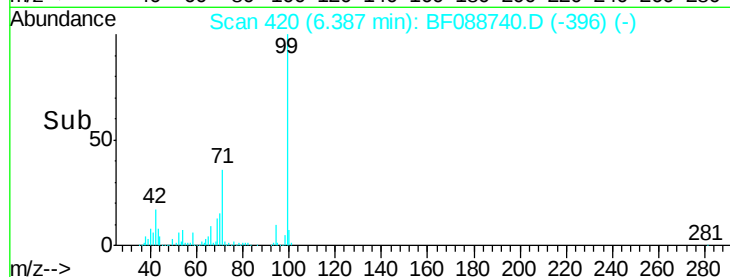
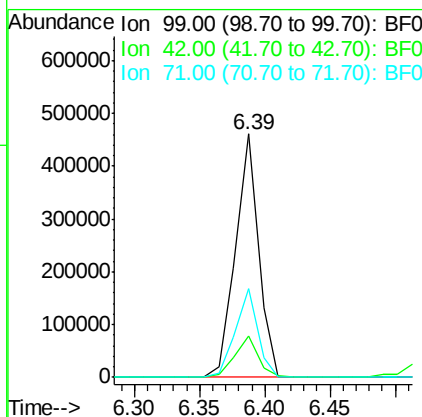
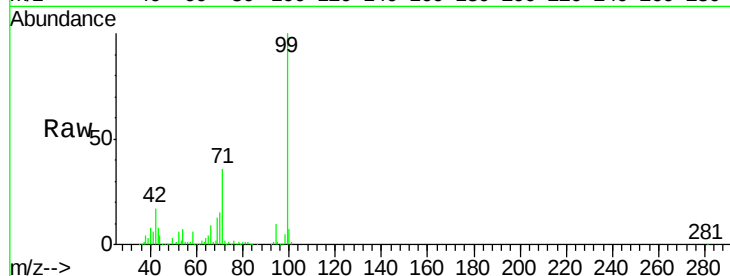
42 17.0 12.2 18.2

71 36.3 23.4 35.0#

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#8

2-Chlorophenol

Concen: 40.92 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

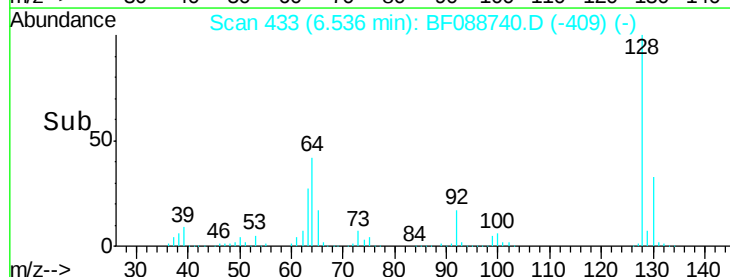
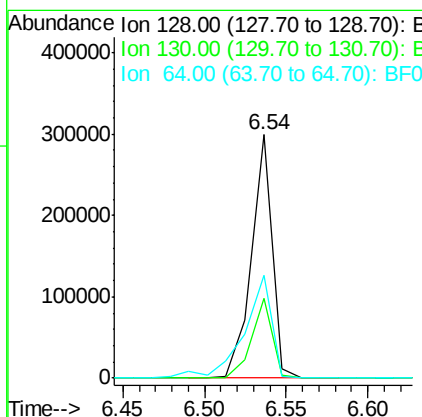
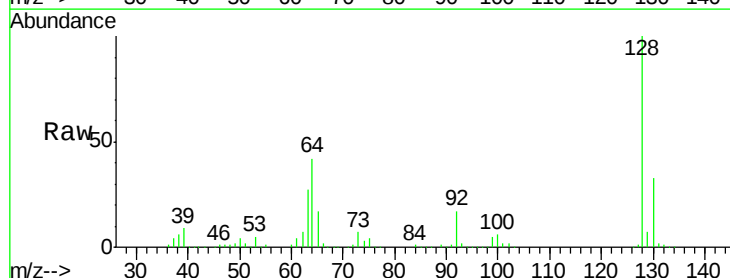
Tgt Ion: 128 Resp: 263665

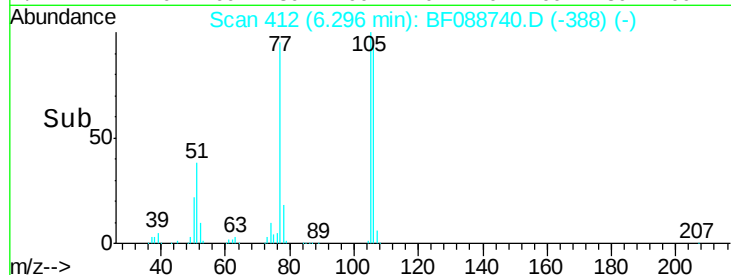
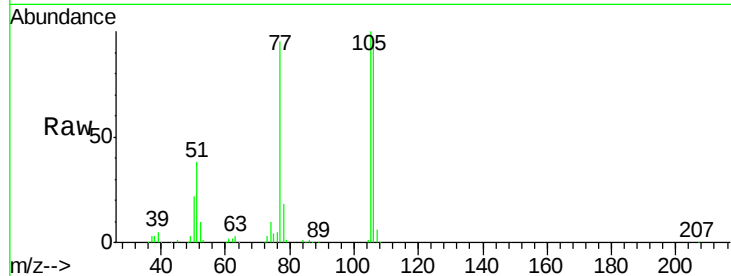
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 42.2 30.8 70.8





#9

Benzaldehyde

Concen: 33.76 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Tot Ion:	77	Resp:	177154
Ion	Ratio	Lower	Upper
77	100		
105	105.3	90.6	130.6
106	99.0	85.3	125.3

Instrument :

BNA_F

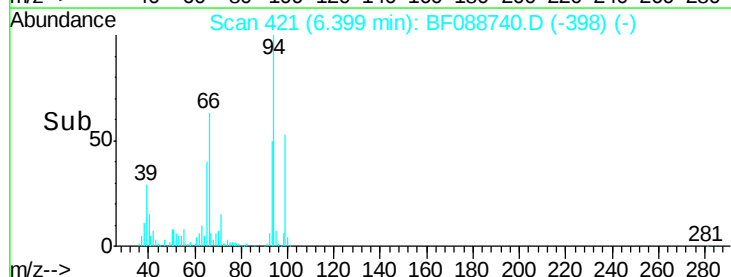
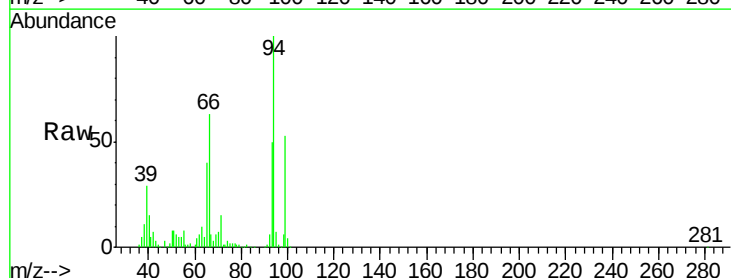
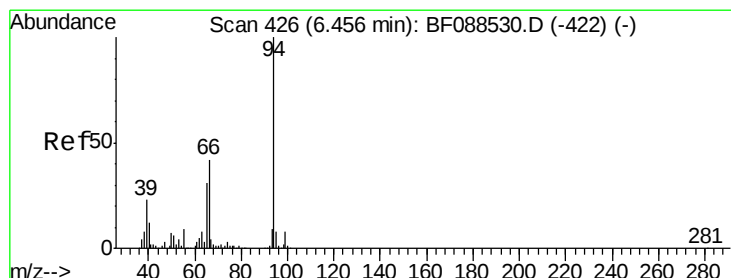
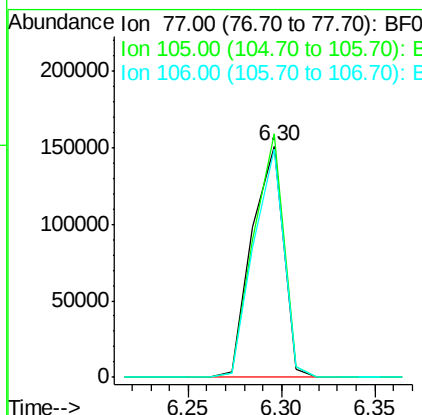
ClientSampleId :

SSTDCCC040

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#10

Phenol

Concen: 31.55 ng

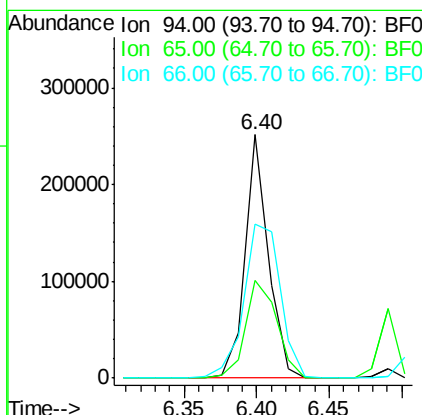
RT: 6.40 min Scan# 421

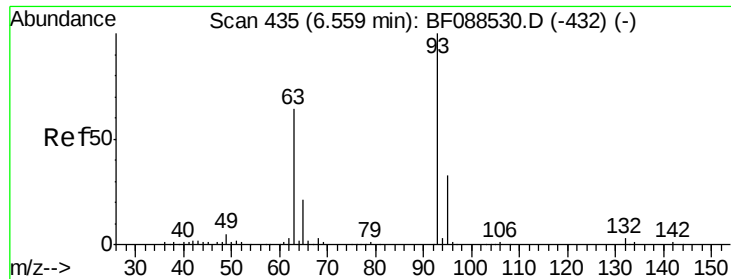
Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Tgt Ion:	94	Resp:	278889
Ion	Ratio	Lower	Upper
94	100		
65	39.9	5.9	45.9
66	63.2	14.0	54.0





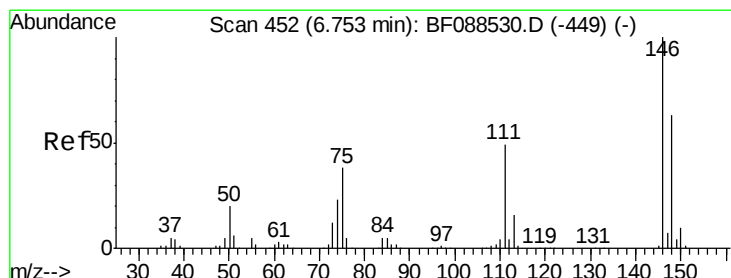
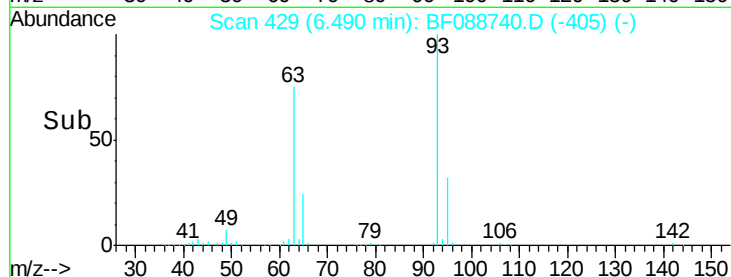
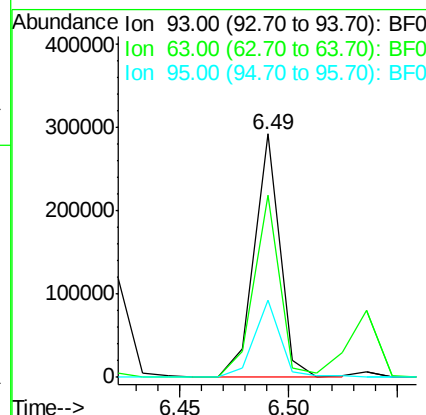
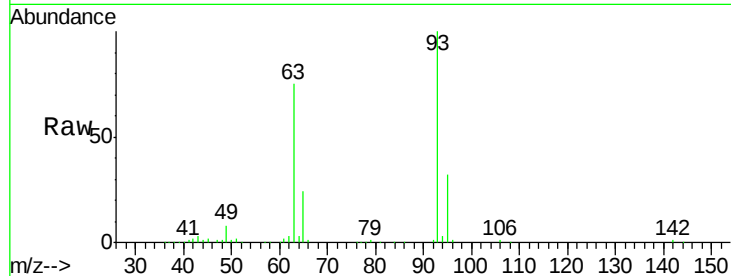
#11
bis(2-Chloroethyl)ether
Concen: 35.93 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	67.6	107.6
95	31.5	12.5	52.5

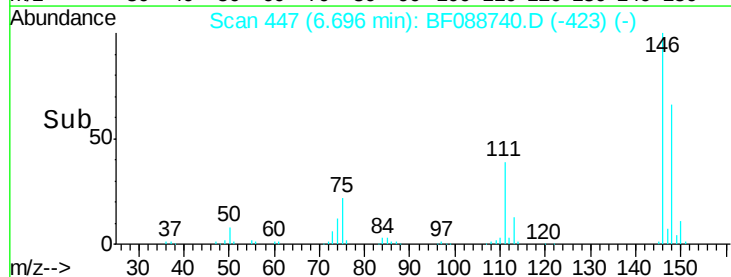
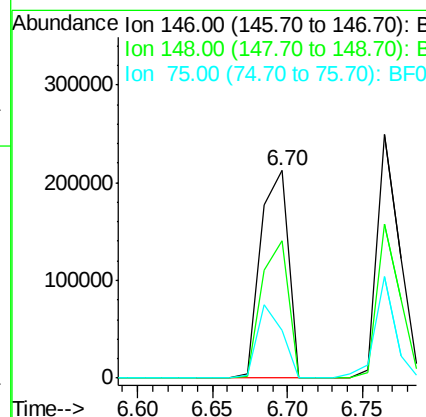
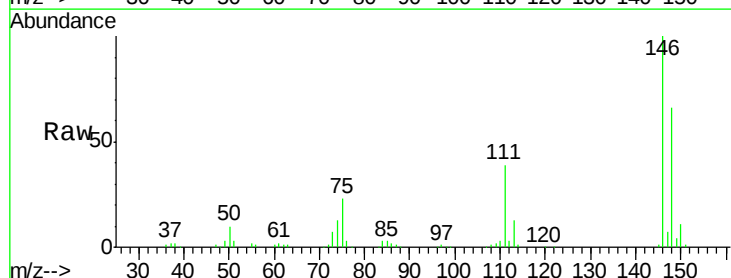
Manual Integrations

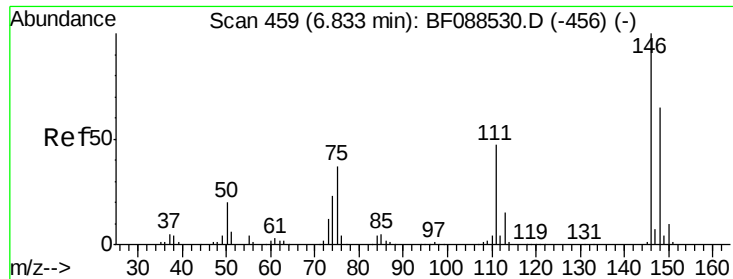
umangi
7/8/2016 6:59:06 AM



#12
1,3-Dichlorobenzene
Concen: 38.14 ng m
RT: 6.70 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.9	76.3
75	22.8	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 37.00 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 260360

Ion Ratio Lower Upper

146 100

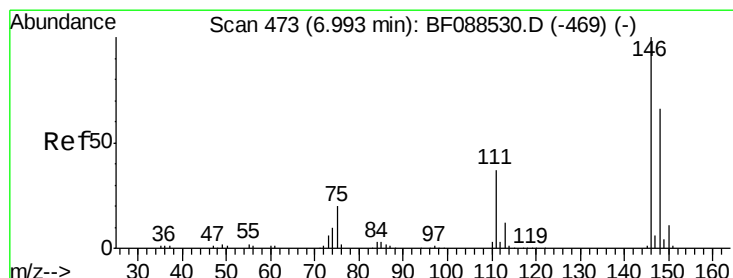
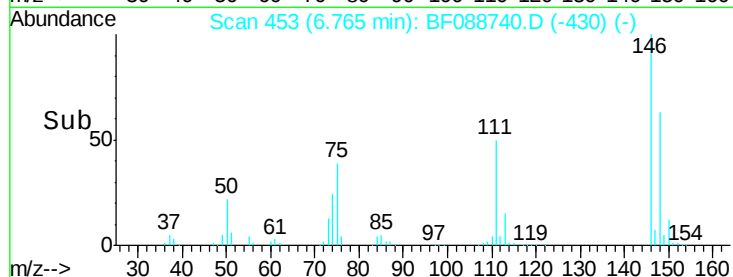
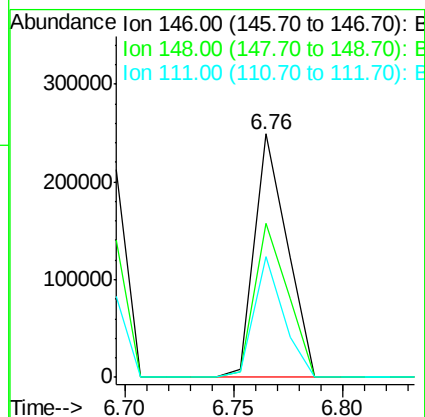
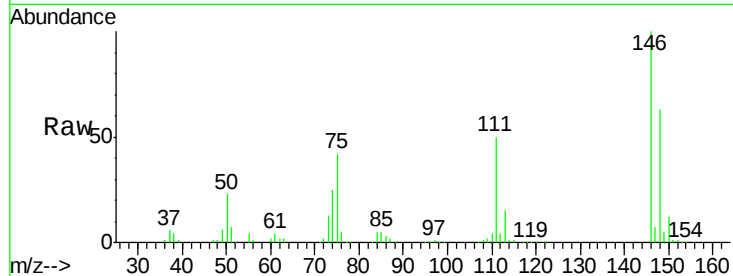
148 63.4 52.0 78.0

111 49.7 33.8 50.8

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#14

1,2-Dichlorobenzene

Concen: 41.87 ng m

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

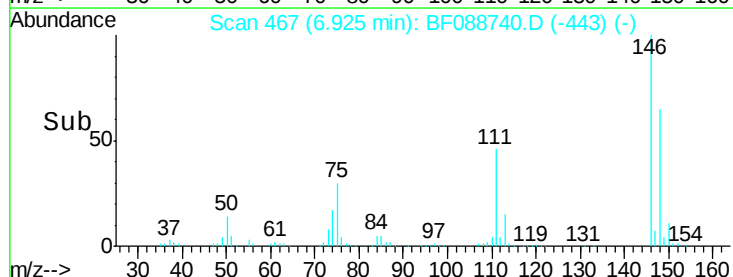
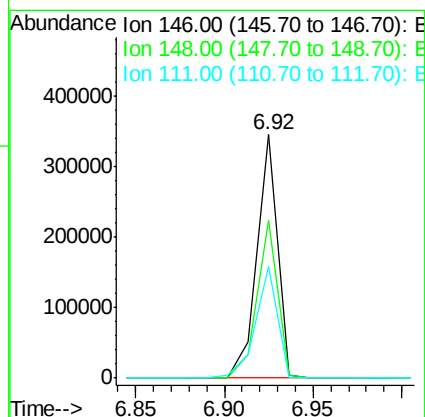
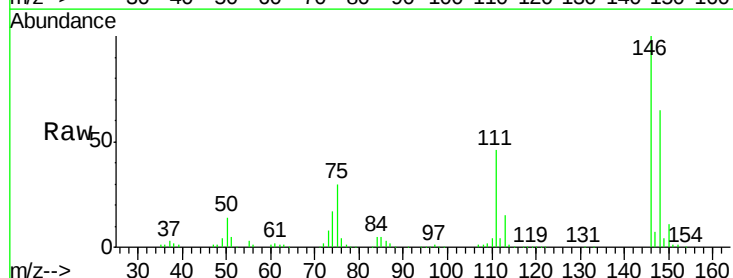
Tgt Ion:146 Resp: 275792

Ion Ratio Lower Upper

146 100

148 64.8 52.3 78.5

111 45.8 28.7 43.1#





#15

Benzyl Alcohol

Concen: 39.86 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 227246

Ion Ratio Lower Upper

79 100

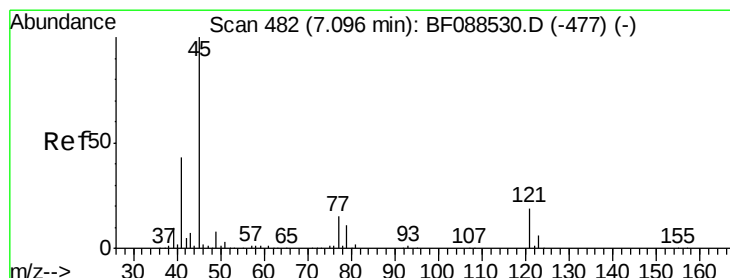
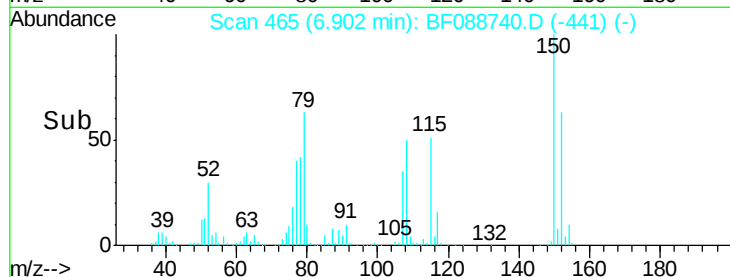
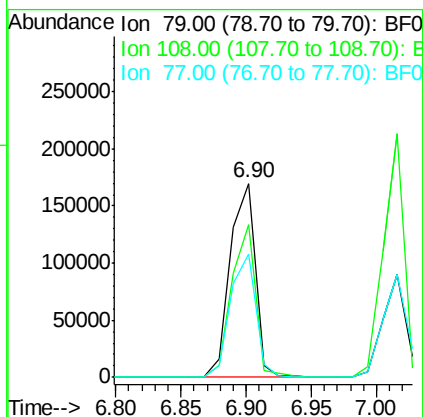
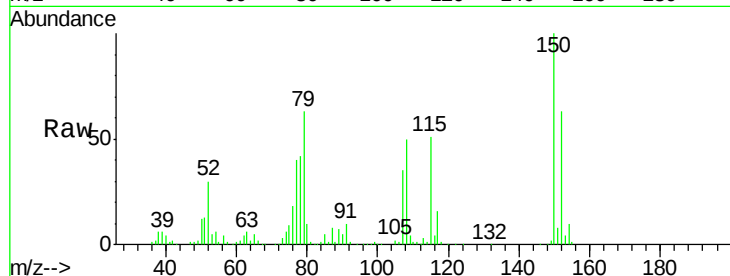
108 79.0 65.0 97.6

77 63.2 50.3 75.5

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.66 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

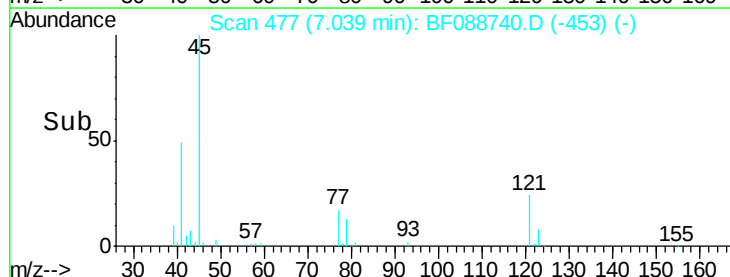
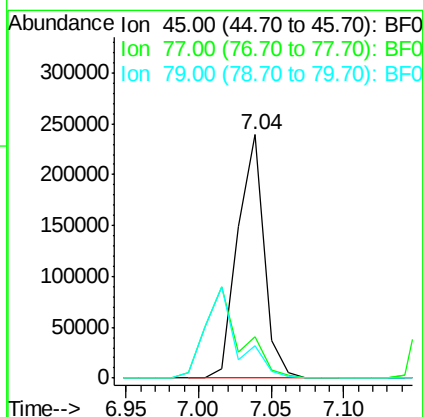
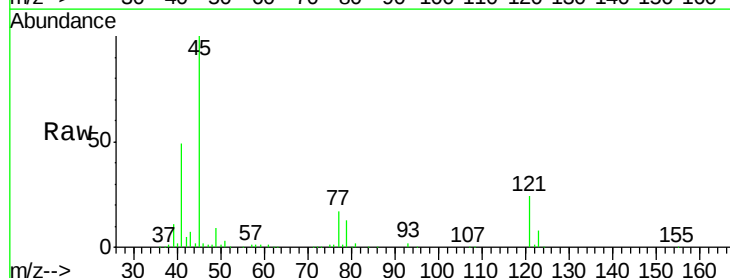
Tgt Ion: 45 Resp: 302259

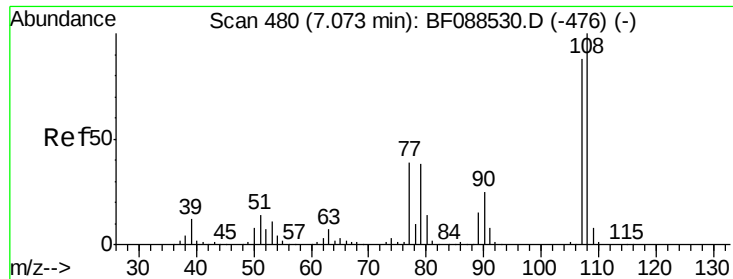
Ion Ratio Lower Upper

45 100

77 17.1 0.0 32.5

79 13.1 0.0 29.5





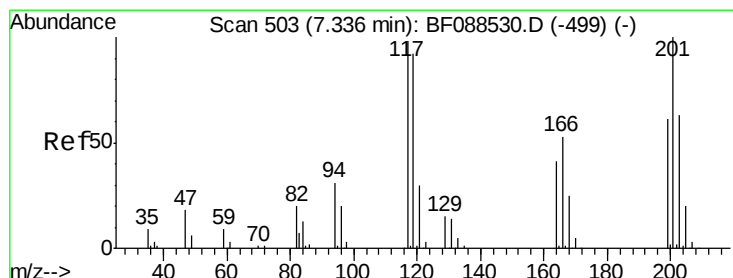
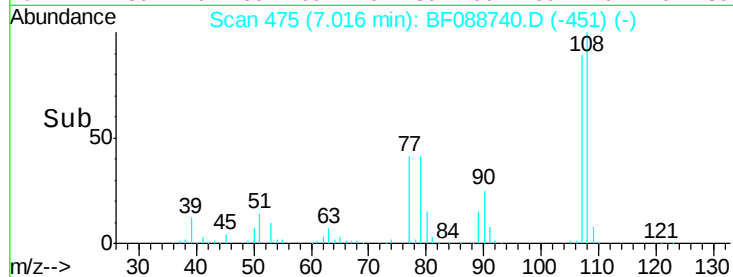
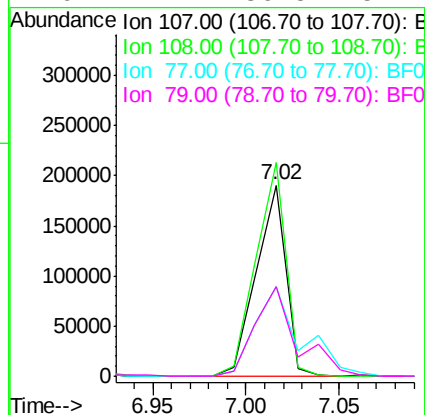
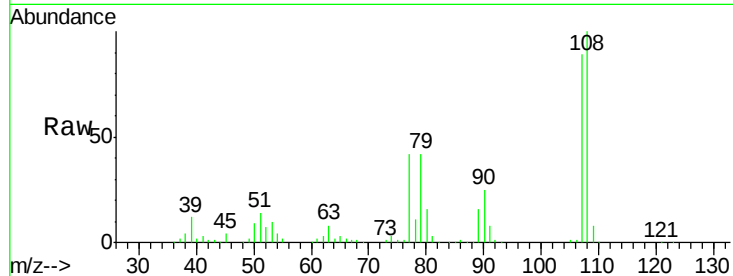
#17
2-Methylphenol
Concen: 39.84 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	209381		
108	108	112.0		90.9	136.3
77	77	47.1		36.6	55.0
79	79	47.1		36.5	54.7

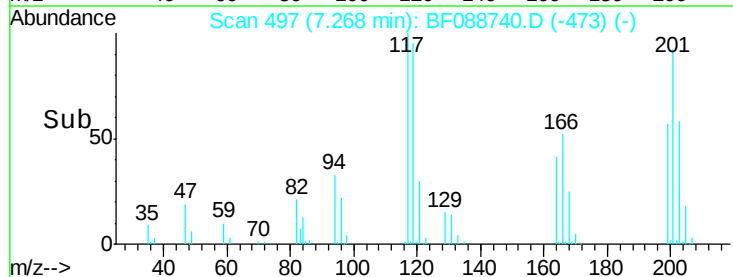
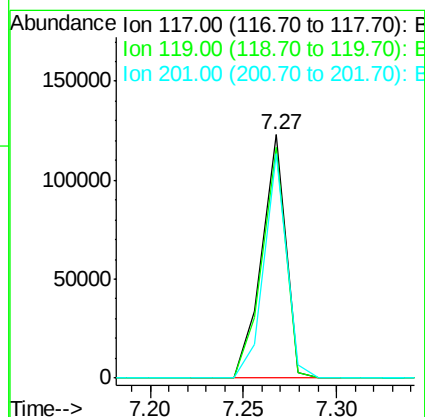
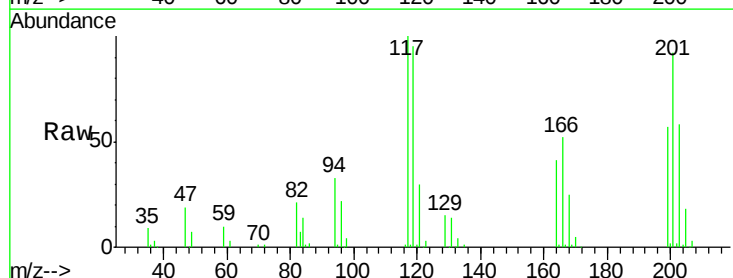
Manual Integrations

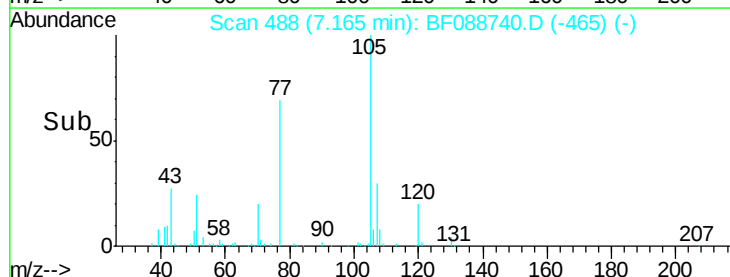
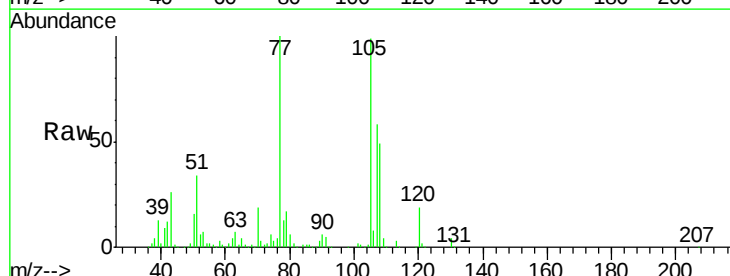
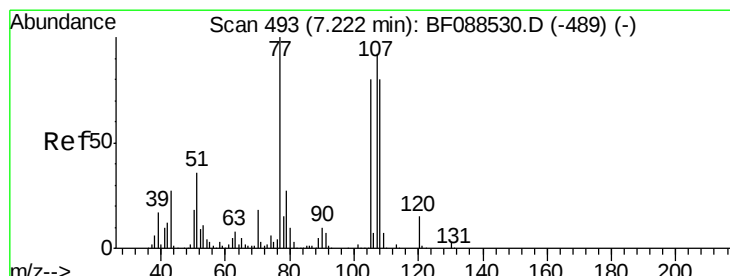
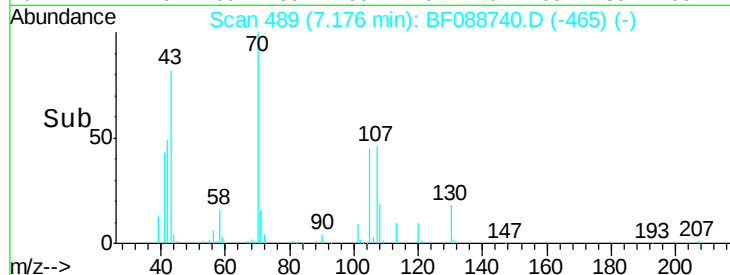
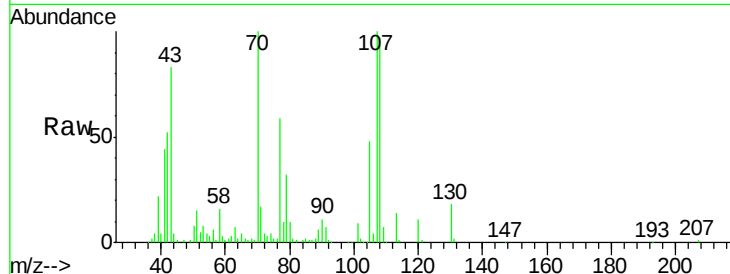
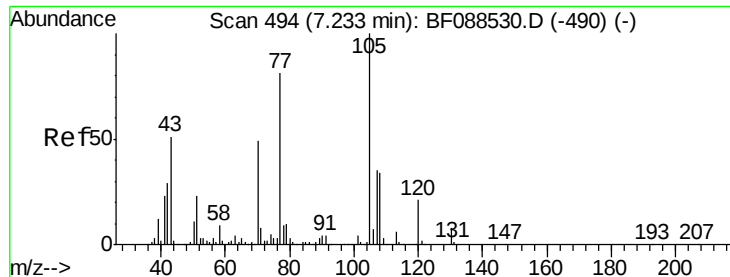
umangi
7/8/2016 6:59:06 AM



#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

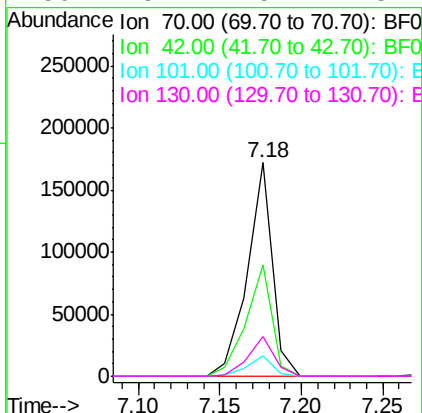
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	109787		
119	119	94.6		77.4	116.2
201	201	92.2		80.4	120.6





#19
n-Nitroso-di-n-propylamine
Concen: 35.19 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	49.6	74.4	
101	9.4	7.1	10.7	
130	18.4	15.4	23.2	



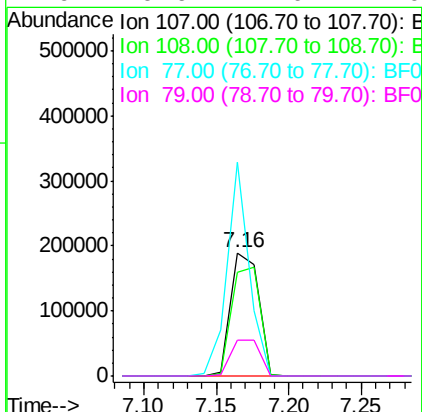
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

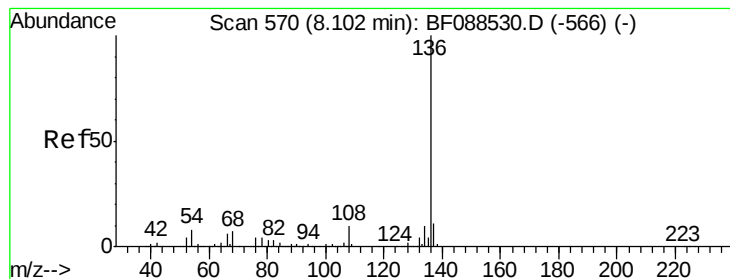
Manual Integrations

umangi
7/8/2016 6:59:06 AM

#20
3+4-Methylphenols
Concen: 40.28 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	67.8	107.8	
77	173.6	59.3	99.3#	
79	29.6	7.0	47.0	





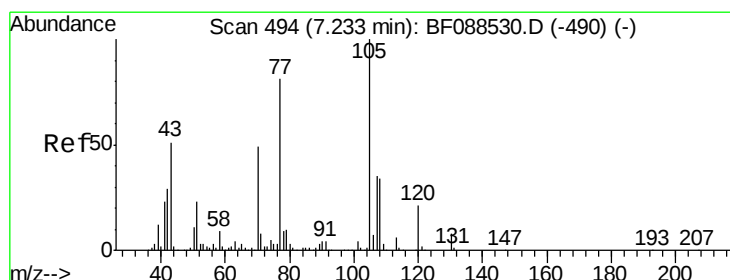
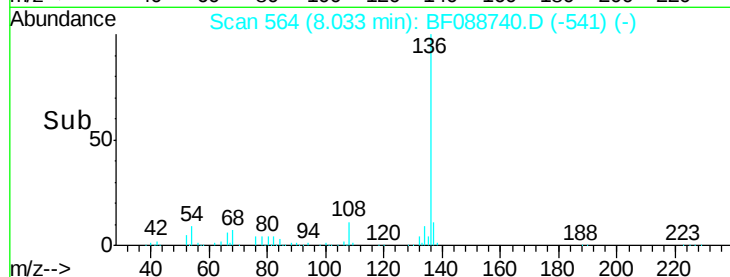
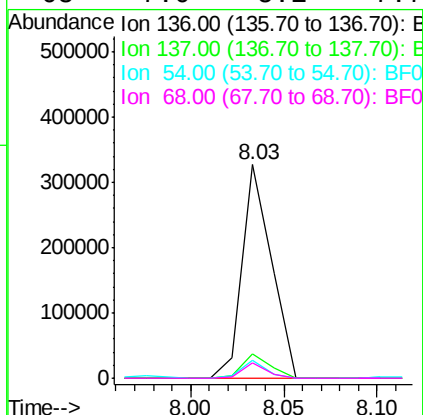
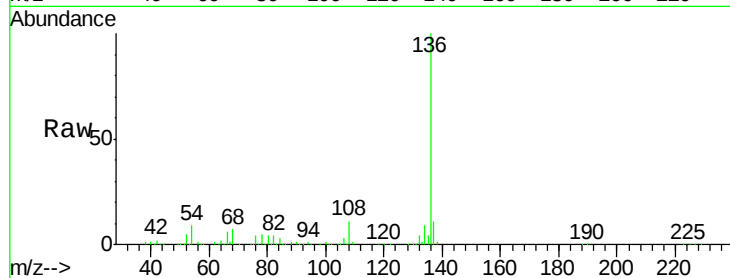
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	356653		
137	11.1	9.1	13.7	
54	8.7	6.6	10.0	
68	7.0	5.1	7.7	

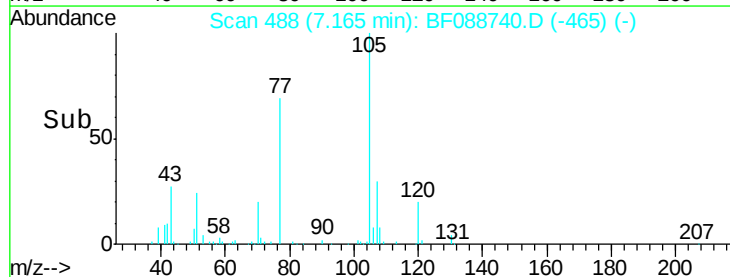
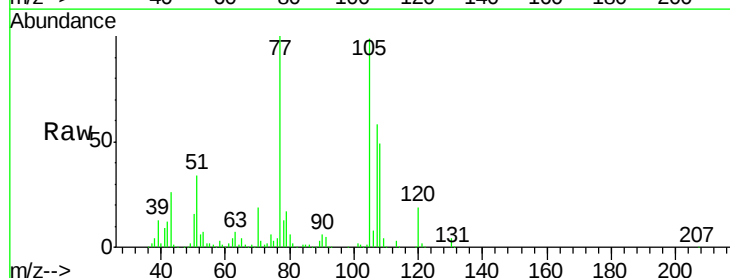
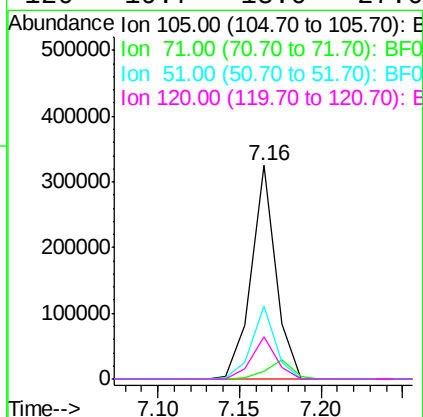
Manual Integrations

umangi
7/8/2016 6:59:06 AM



#22
Acetophenone
Concen: 39.19 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339267		
71	3.4	5.3	7.9#	
51	34.2	18.2	27.4#	
120	19.7	18.0	27.0	





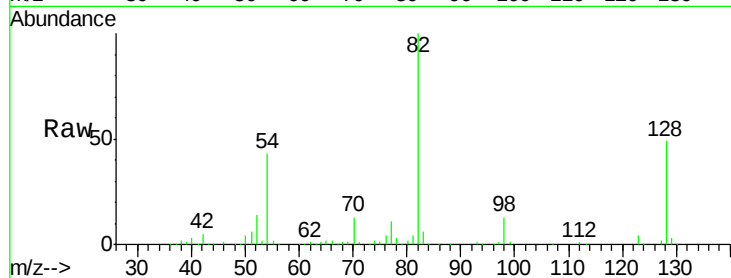
#23
Nitrobenzene-d5
Concen: 85.52 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

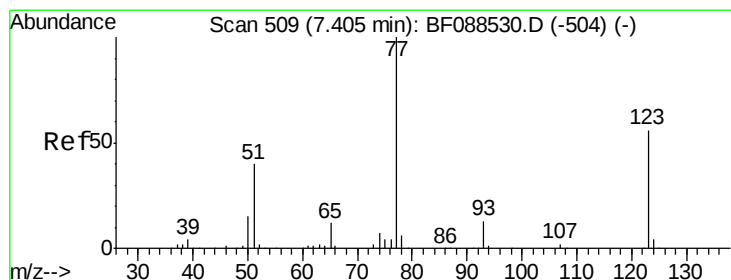
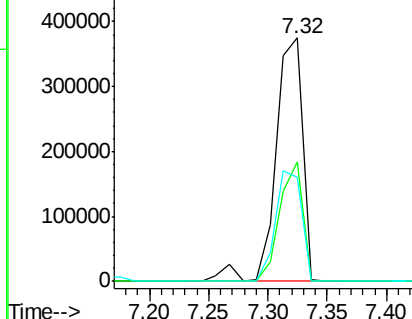
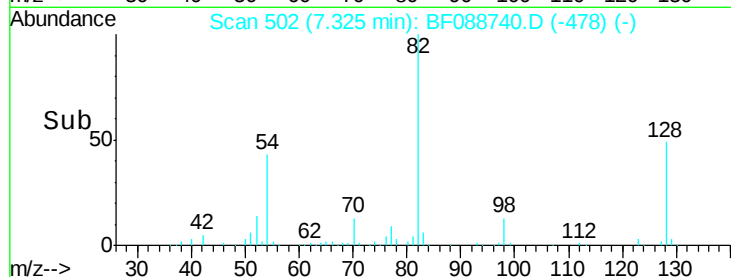
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.9	53.9
54	42.8	40.9	61.3

Manual Integrations

umangi
7/8/2016 6:59:06 AM

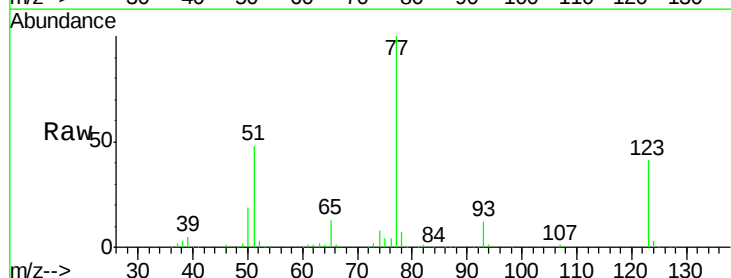


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

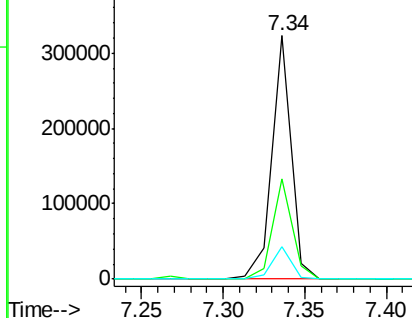
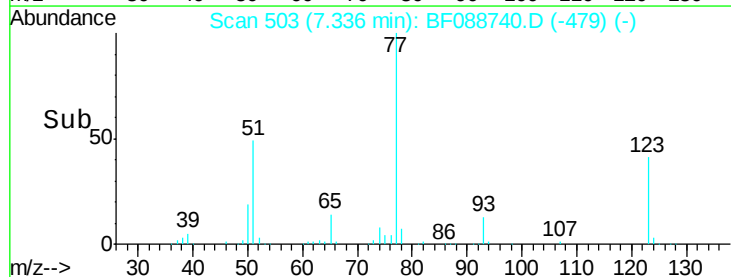


#24
Nitrobenzene
Concen: 38.86 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	45.0	67.4#
65	13.4	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.22 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 507074

Ion Ratio Lower Upper

82 100

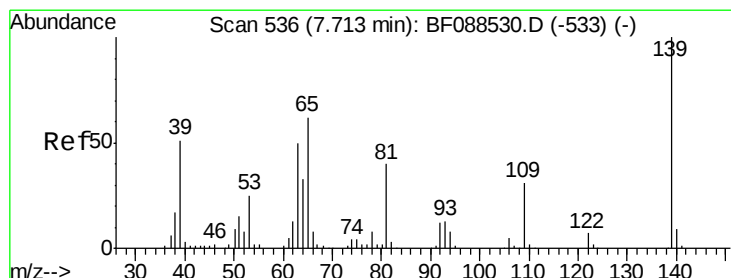
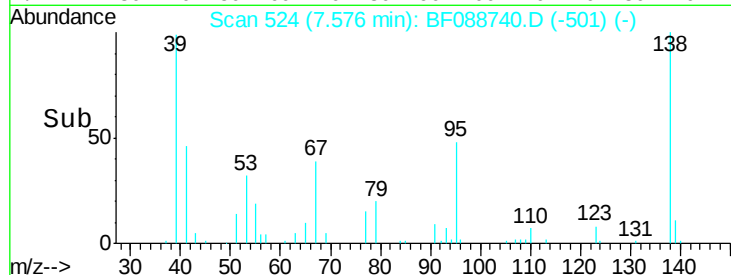
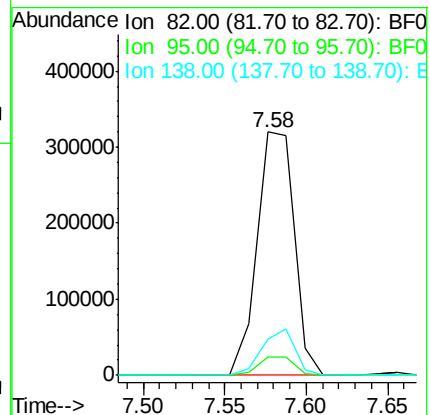
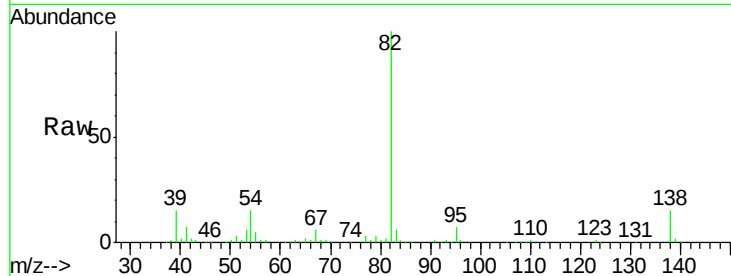
95 7.3 5.4 8.2

138 15.1 14.6 21.8

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#26

2-Nitrophenol

Concen: 52.49 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

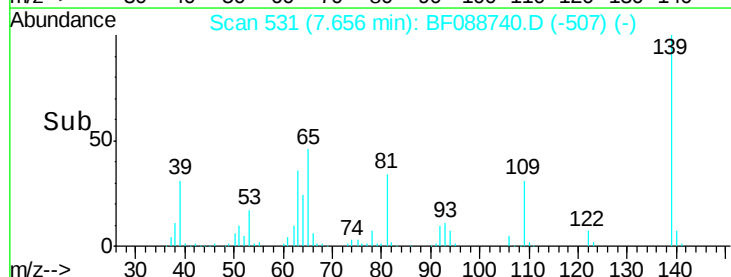
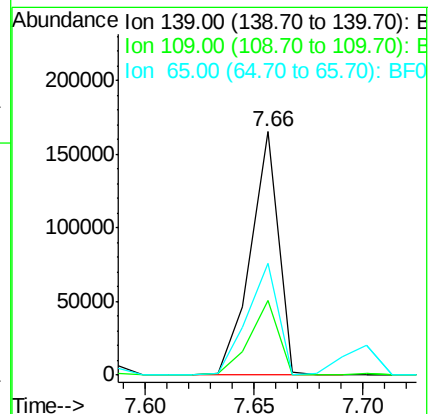
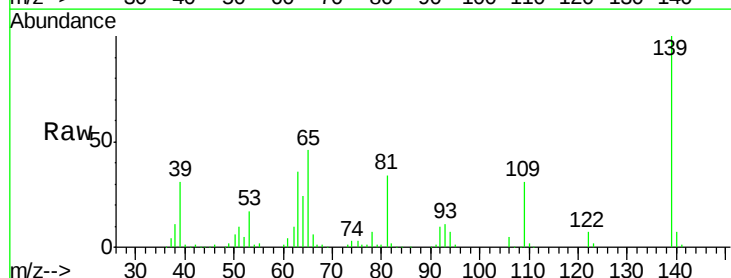
Tgt Ion: 139 Resp: 147697

Ion Ratio Lower Upper

139 100

109 30.8 23.0 34.4

65 45.9 45.8 68.8





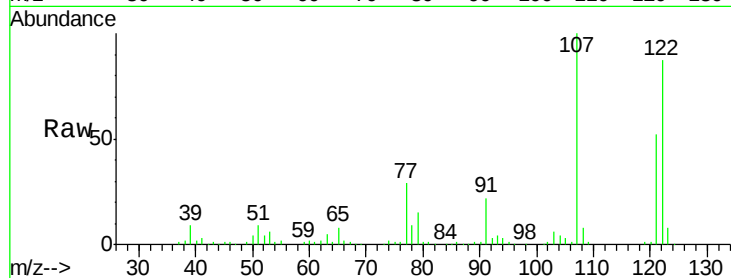
#27
 2,4-Dimethylphenol
 Concen: 43.14 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

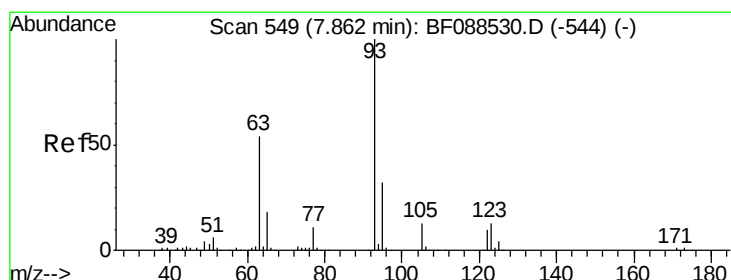
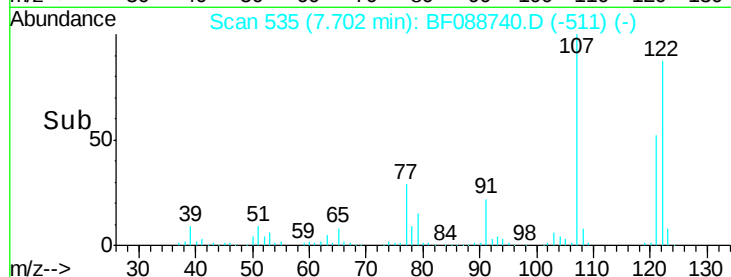
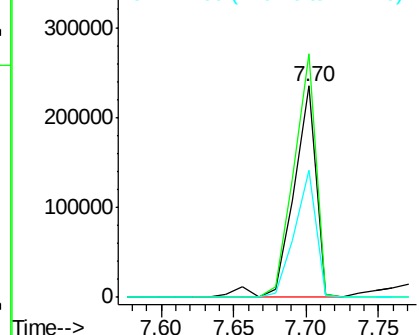
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	82.4	123.6
121	59.9	46.3	69.5

Manual Integrations

umangi
 7/8/2016 6:59:06 AM

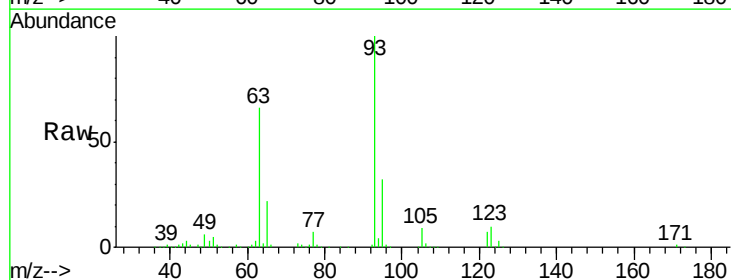


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

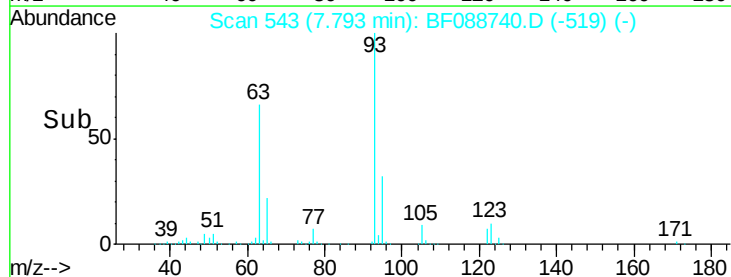
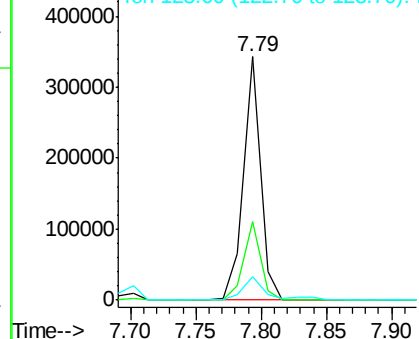


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.69 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	9.8	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





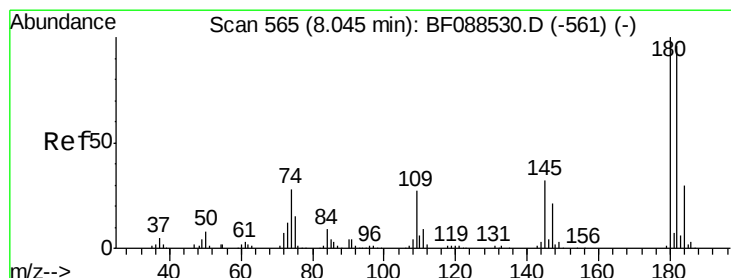
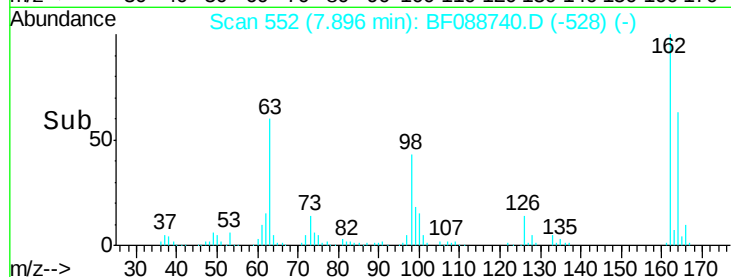
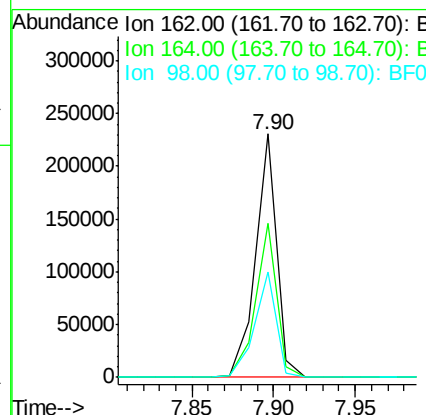
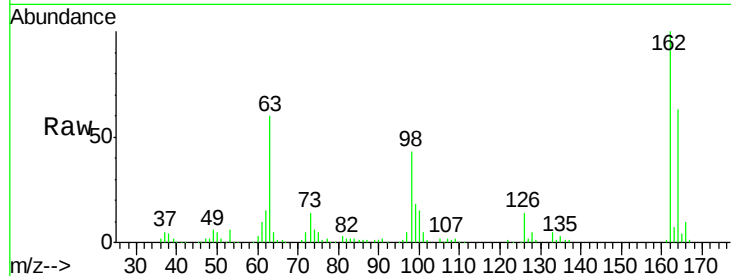
#29
 2,4-Dichlorophenol
 Concen: 43.74 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	207164
Ion Ratio	Lower	Upper	
162	100		
164	63.5	43.8	83.8
98	43.1	21.3	61.3

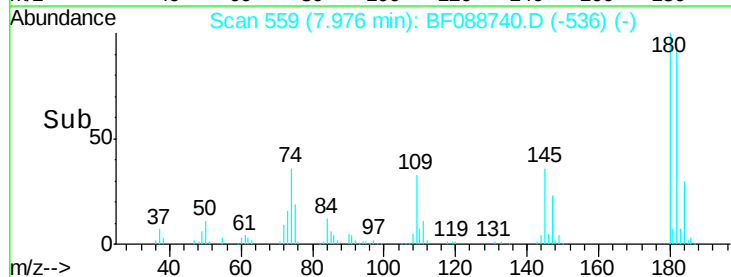
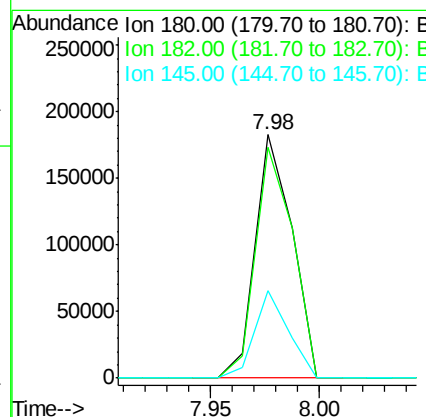
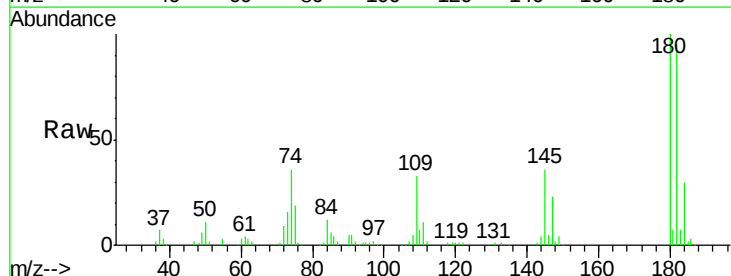
Manual Integrations

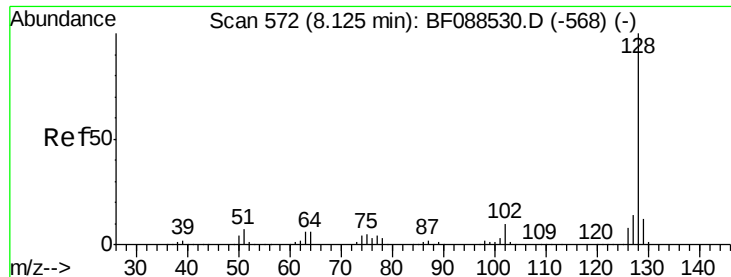
umangi
 7/8/2016 6:59:06 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.38 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion:	180	Resp:	215091
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.0	114.0
145	36.1	26.5	39.7





#31

Naphthalene

Concen: 39.34 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

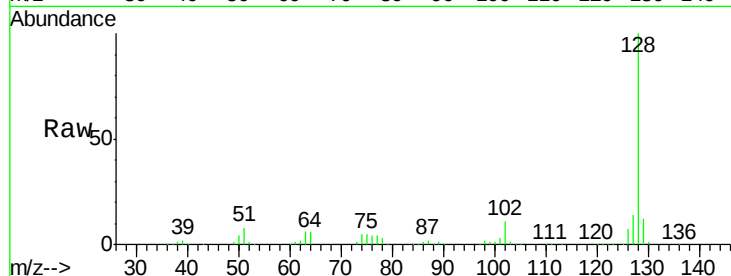
SSTDCCC040

Tot Ion:128	Resp:	691767
Ion Ratio	Lower	Upper
128	100	
129	11.6	9.4 14.2
127	13.7	10.9 16.3

Manual Integrations

umangi

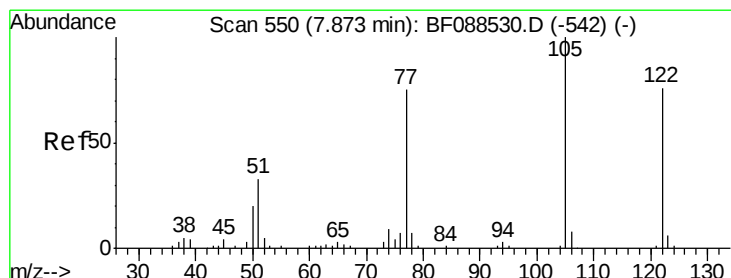
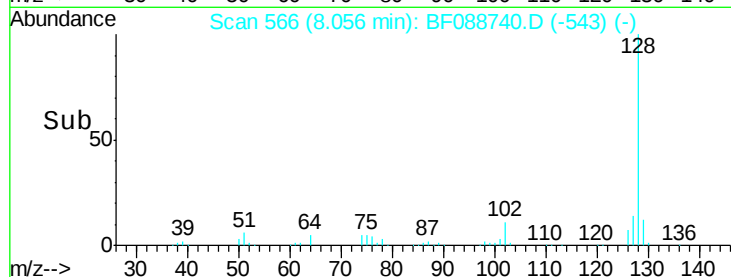
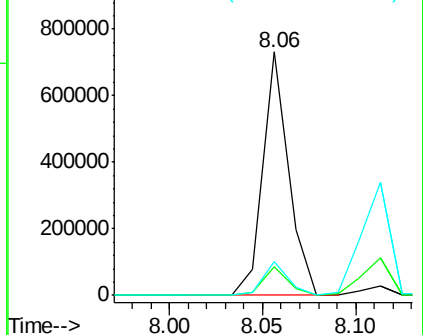
7/8/2016 6:59:06 AM



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: 41.64 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088740.D

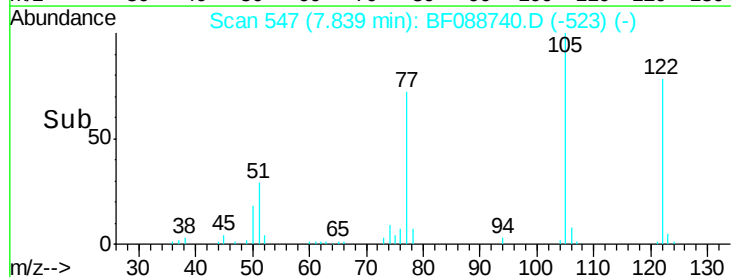
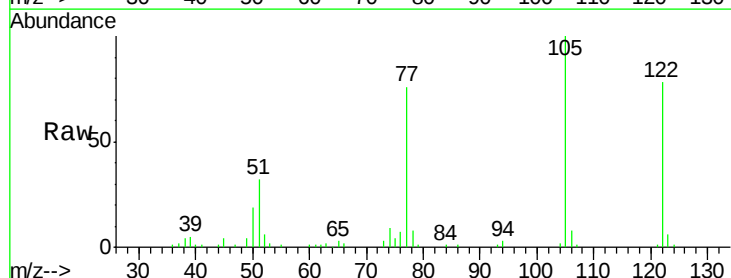
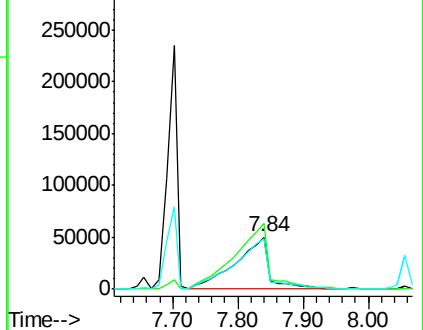
Acq: 6 Jul 2016 18:05

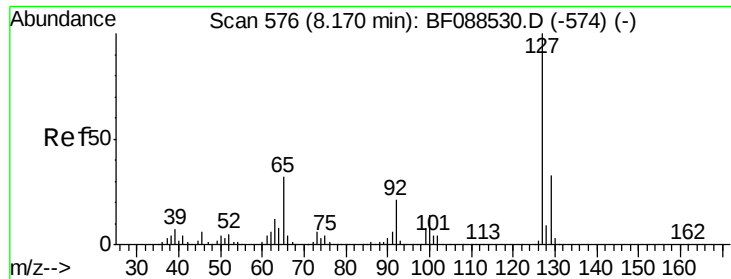
Tgt Ion:122	Resp:	177189
Ion Ratio	Lower	Upper
122	100	
105	128.0	101.6 141.6
77	97.0	70.6 110.6

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





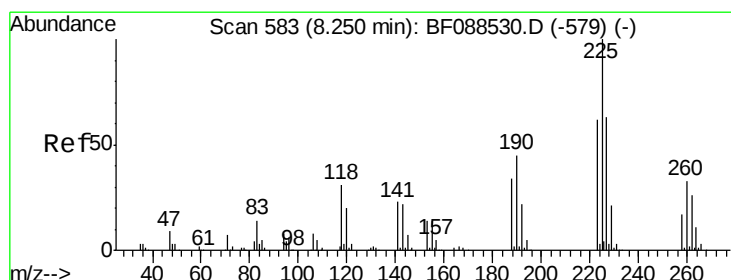
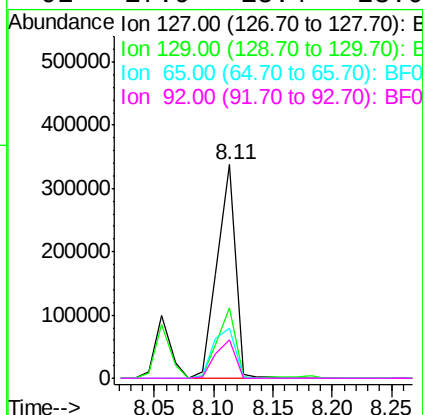
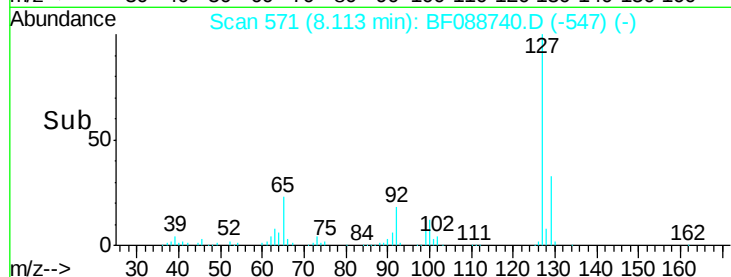
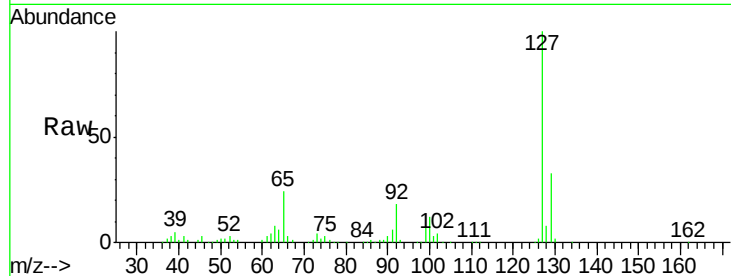
#33
4-Chloroaniline
Concen: 45.89 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.3	39.5		
65	23.6	24.7	37.1		
92	17.9	15.4	23.0		

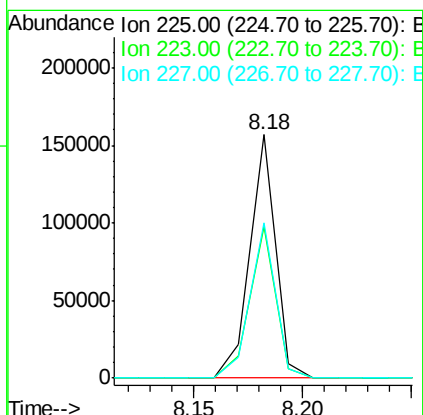
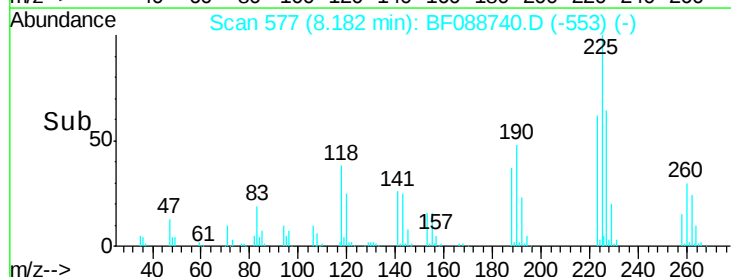
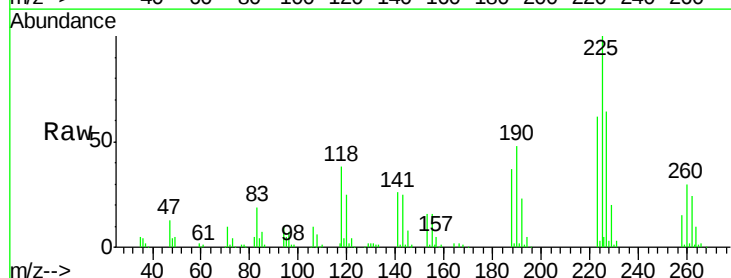
Manual Integrations

umangi
7/8/2016 6:59:06 AM



#34
Hexachlorobutadiene
Concen: 46.32 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.9	76.3		
227	63.6	51.9	77.9		





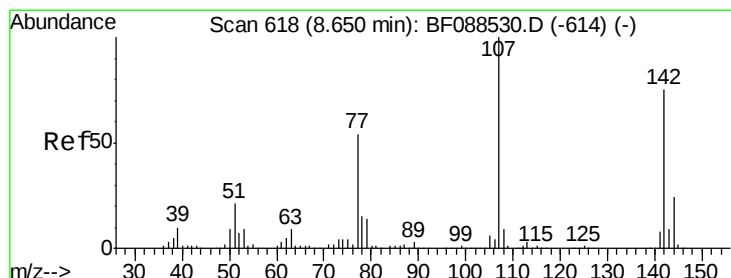
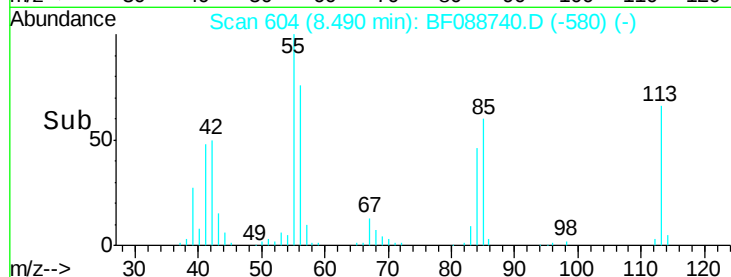
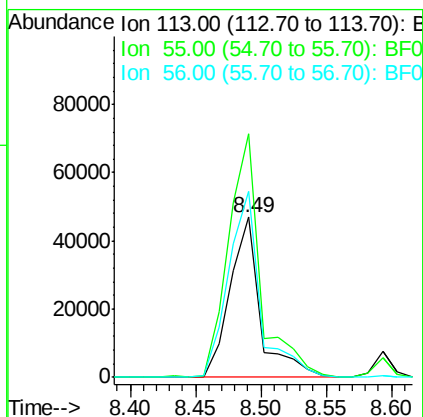
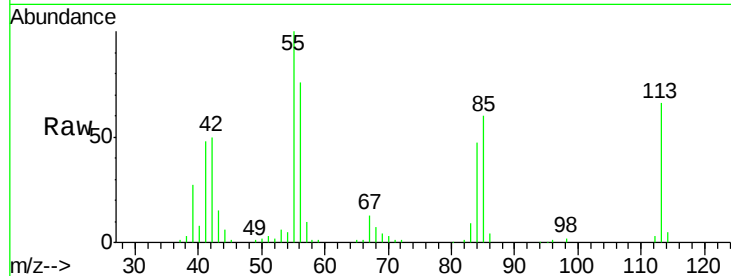
#35
 Caprolactam
 Concen: 47.31 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 76110
 Ion Ratio Lower Upper
 113 100
 55 152.1 158.6 198.6#
 56 115.9 110.6 150.6

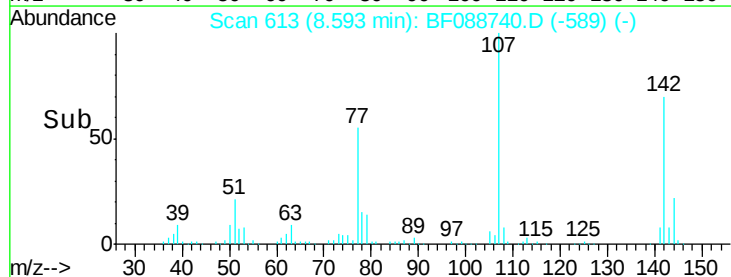
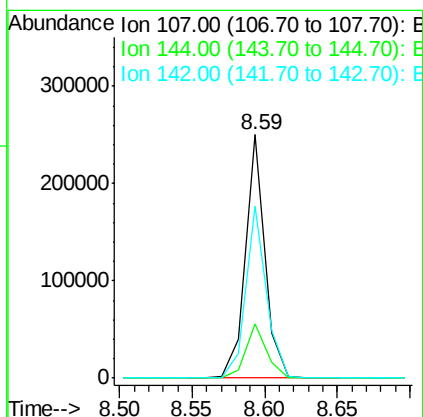
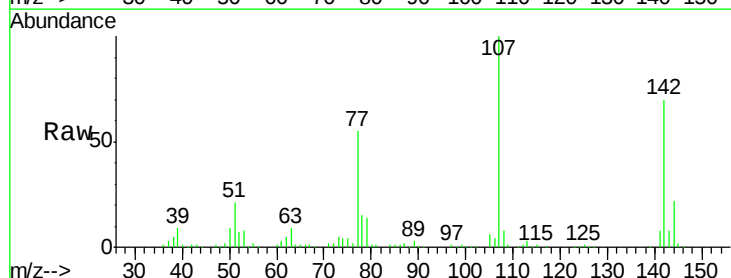
Manual Integrations

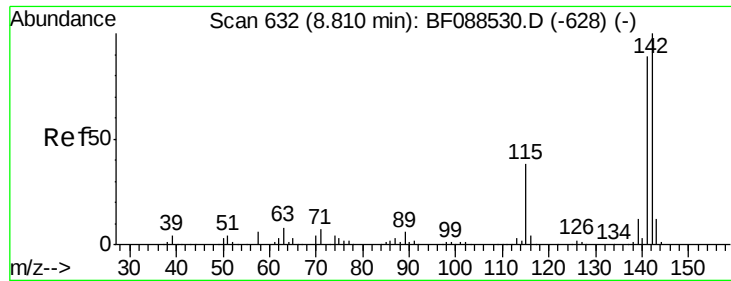
umangi
 7/8/2016 6:59:06 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.80 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion:107 Resp: 234119
 Ion Ratio Lower Upper
 107 100
 144 22.3 20.8 31.2
 142 70.4 63.4 95.2





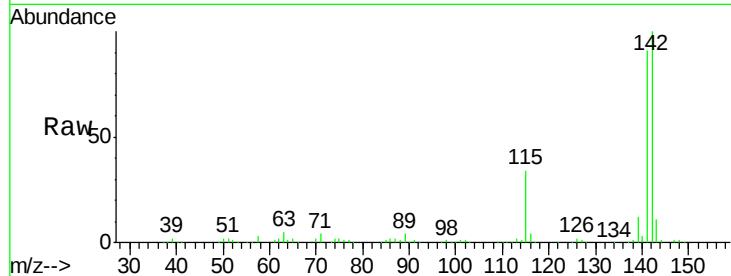
#37
2-Methylnaphthalene
Concen: 44.57 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

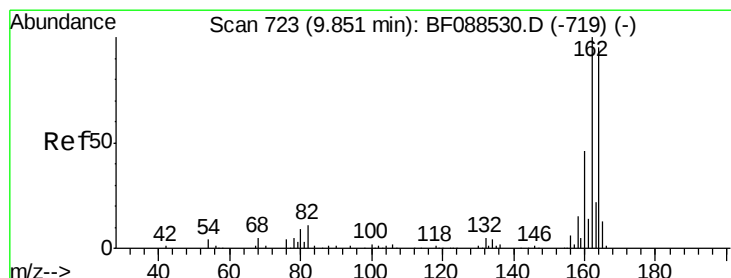
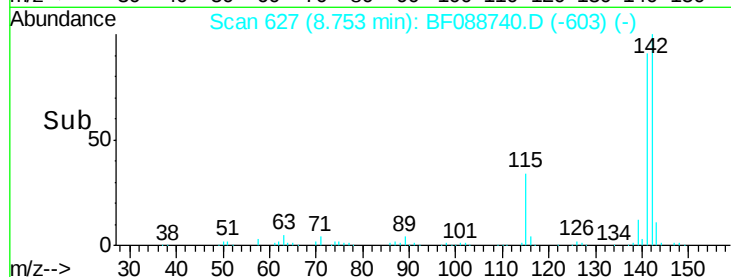
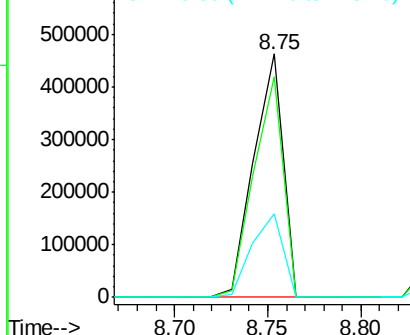
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	34.5	22.6	33.8

Manual Integrations

umangi
7/8/2016 6:59:06 AM

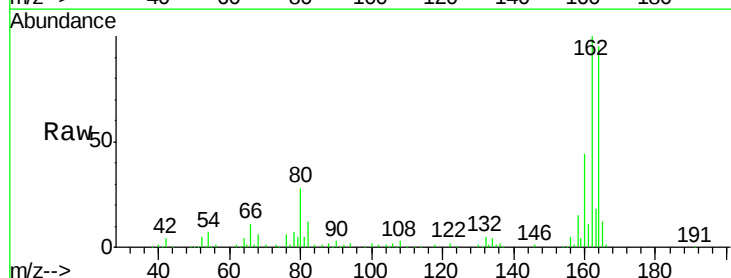


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

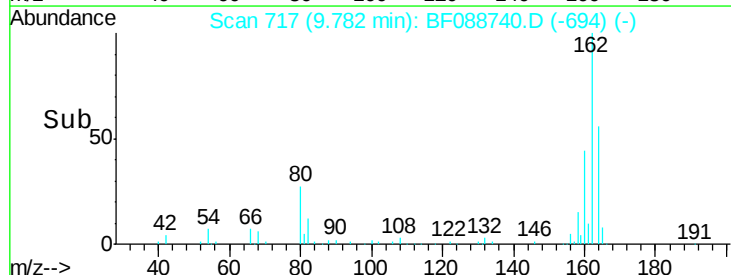
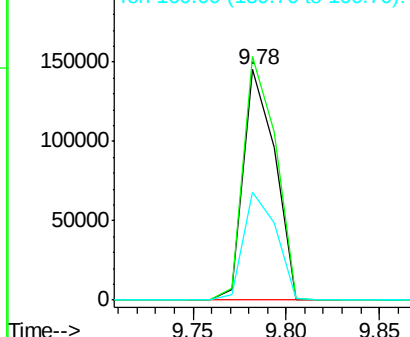


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	46.7	39.5	59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.20 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 228135
Ion Ratio Lower Upper

216 100

214 78.0 2.9 4.3#

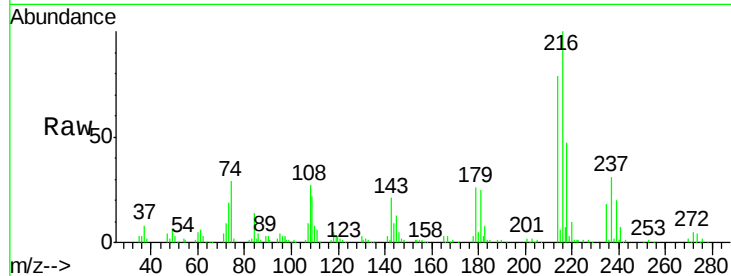
179 23.3 0.0 0.0#

108 22.7 0.5 0.7#

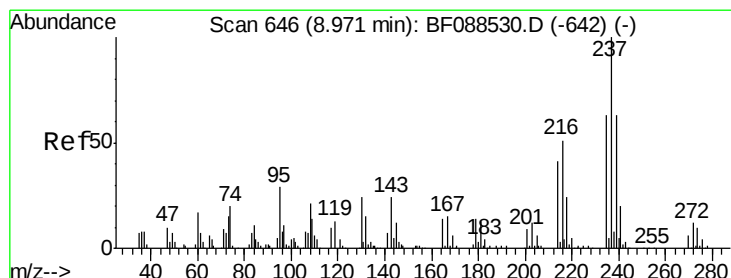
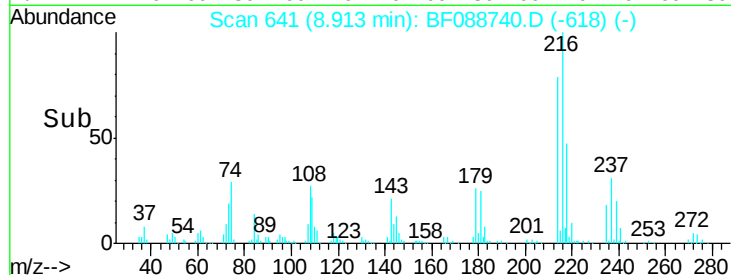
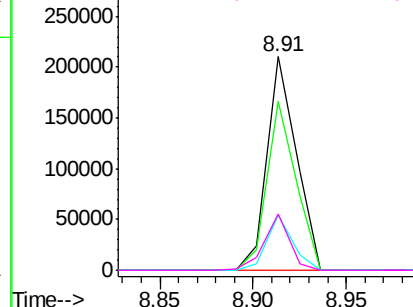
Manual Integrations

umangi

7/8/2016 6:59:06 AM



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: 39.05 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088740.D

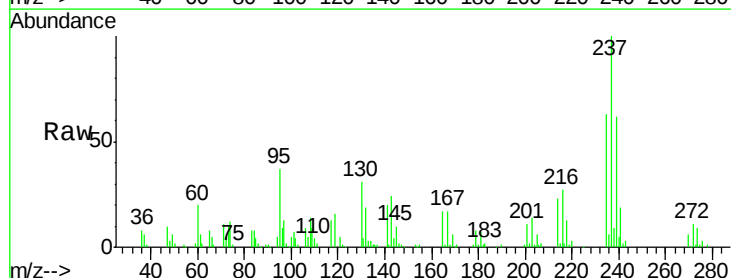
Acq: 6 Jul 2016 18:05

Tgt Ion:237 Resp: 108757
Ion Ratio Lower Upper

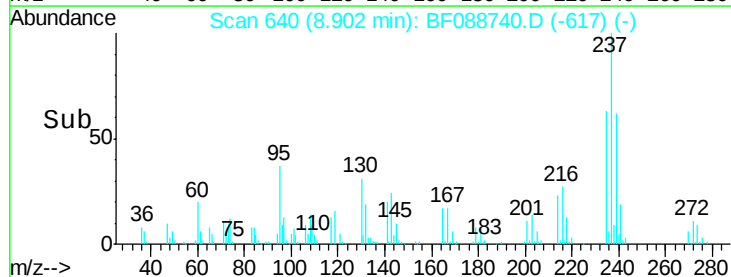
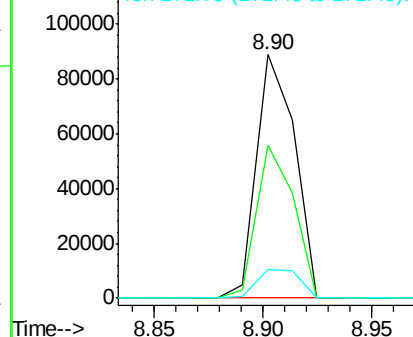
237 100

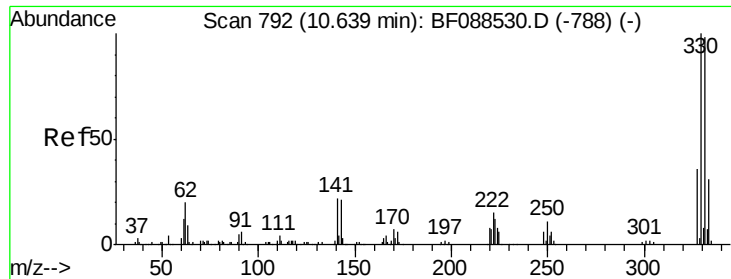
235 62.9 43.4 83.4

272 11.5 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





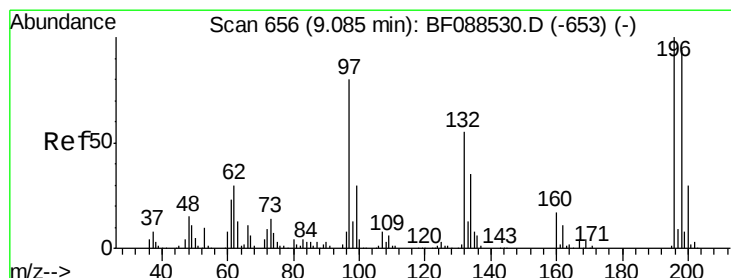
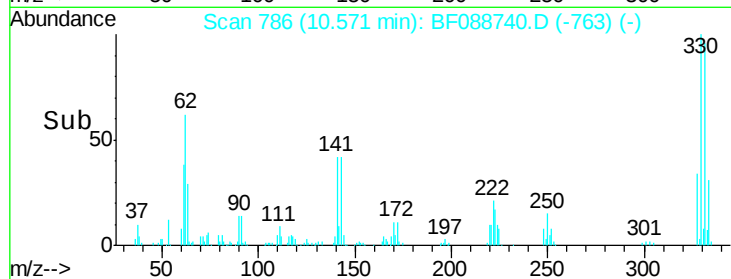
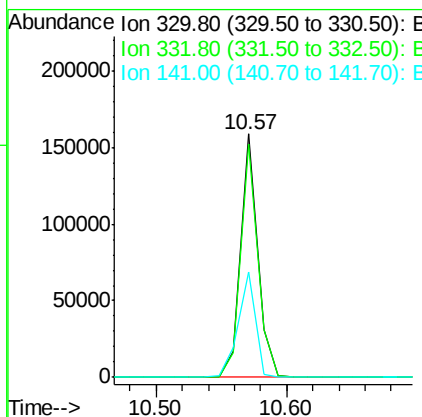
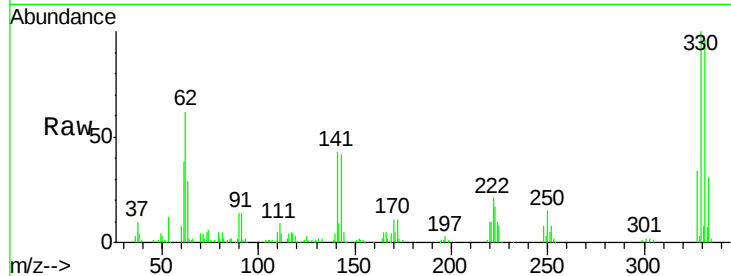
#41
 2,4,6-Tribromophenol
 Concen: 90.88 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143976		
332	96.1	0.0	0.0	0.0
141	43.7	0.0	0.0	0.0

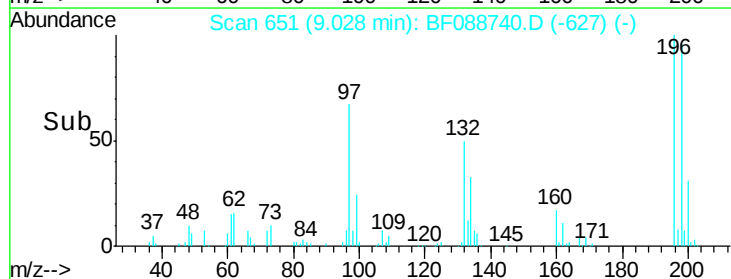
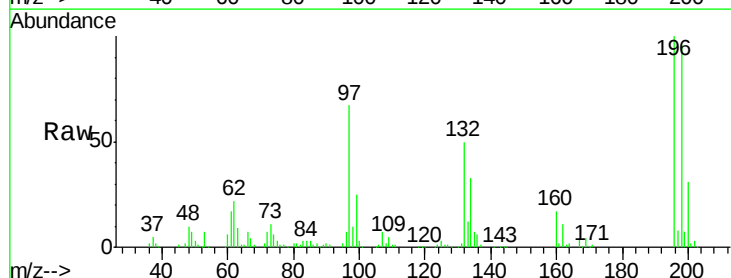
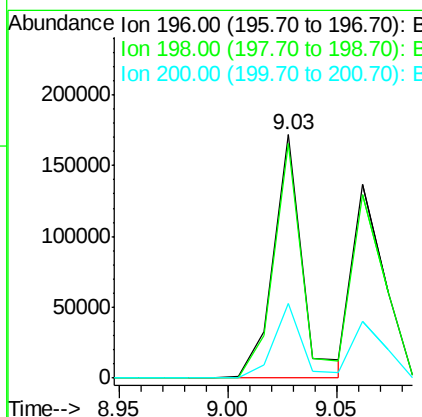
Manual Integrations

umangi
 7/8/2016 6:59:06 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.36 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158492		
198	96.5	78.0	117.0	
200	30.5	25.4	38.2	





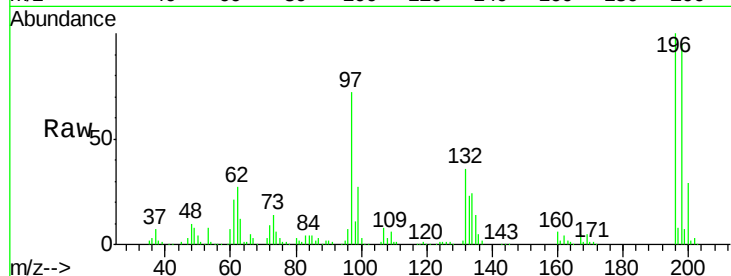
#43
 2,4,5-Trichlorophenol
 Concen: 42.72 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.5	116.3
97	72.4	32.0	48.0
132	36.1	20.9	31.3

Manual Integrations

umangi
 7/8/2016 6:59:06 AM



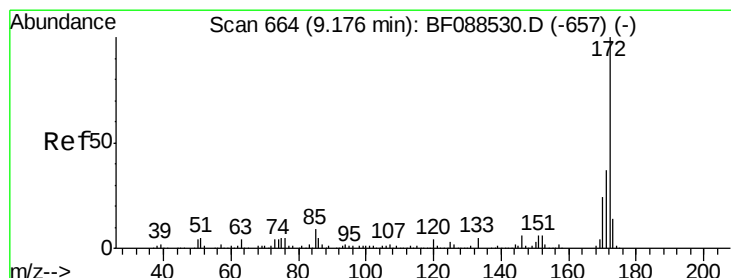
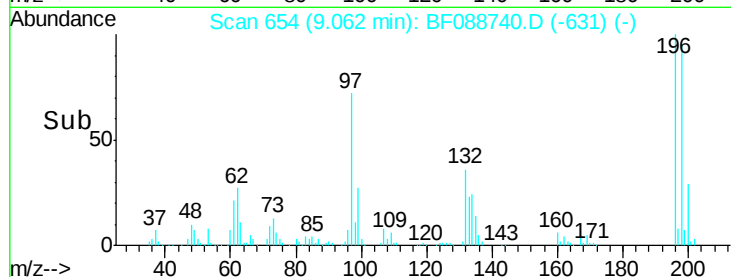
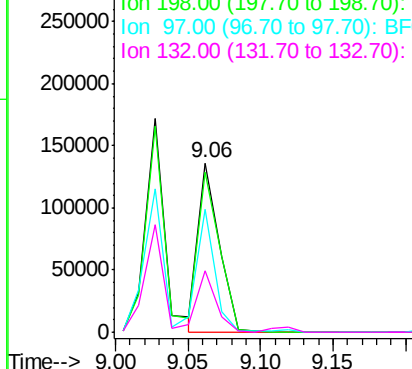
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.92 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

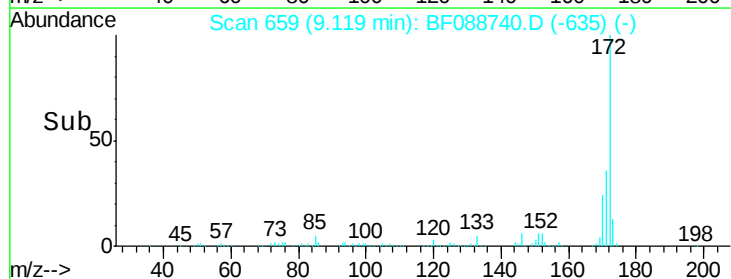
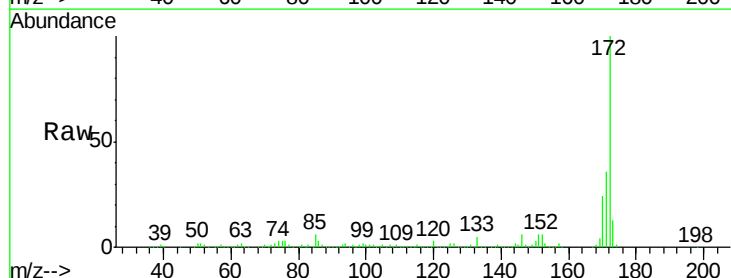
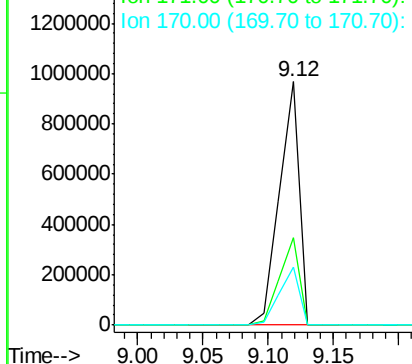
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	19.2	28.8

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





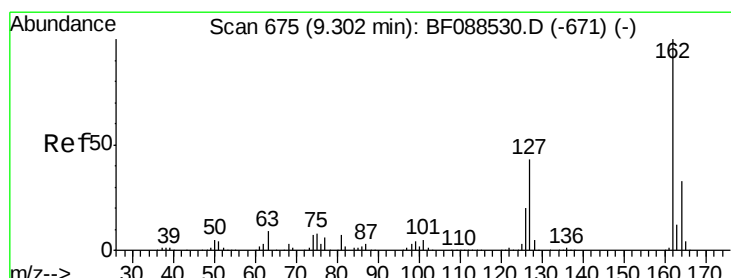
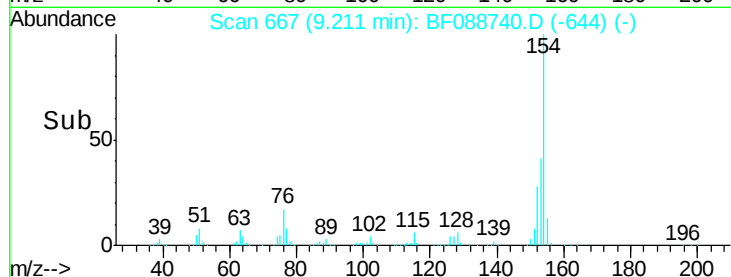
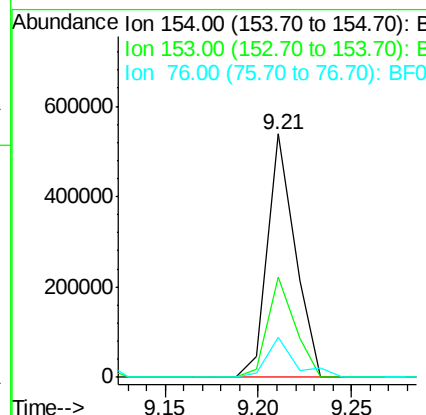
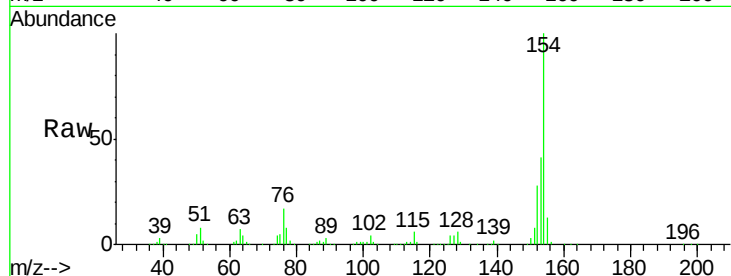
#45
1,1'-Biphenyl
Concen: 38.74 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	154	Resp:	547355
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	16.7	0.0	35.1

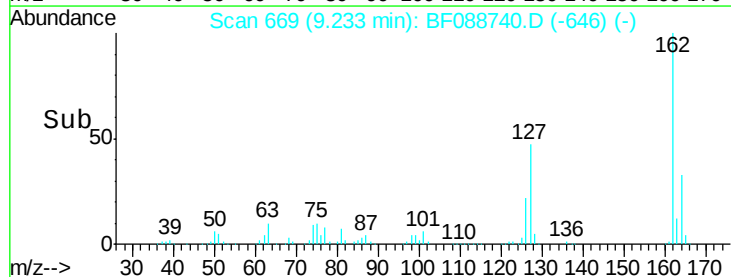
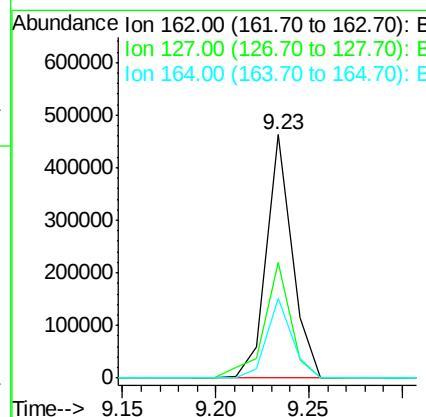
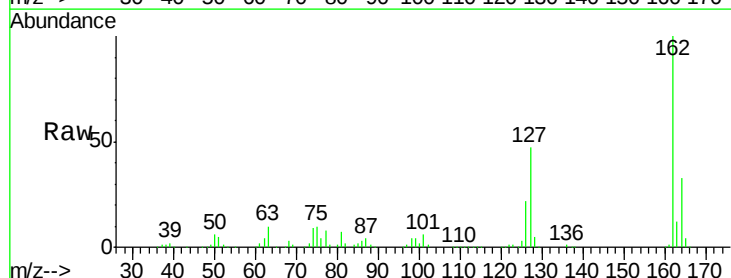
Manual Integrations

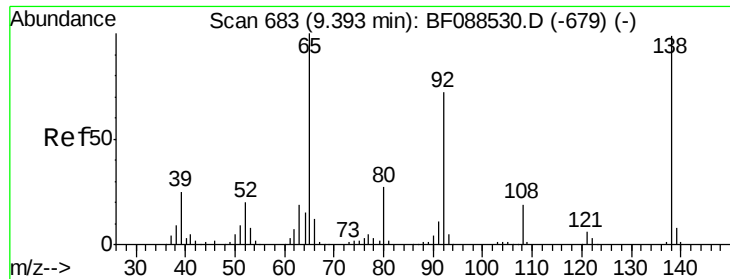
umangi
7/8/2016 6:59:06 AM



#46
2-Chloronaphthalene
Concen: 39.48 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion:	162	Resp:	437911
Ion Ratio	Lower	Upper	
162	100		
127	47.4	35.2	52.8
164	32.7	26.6	39.8





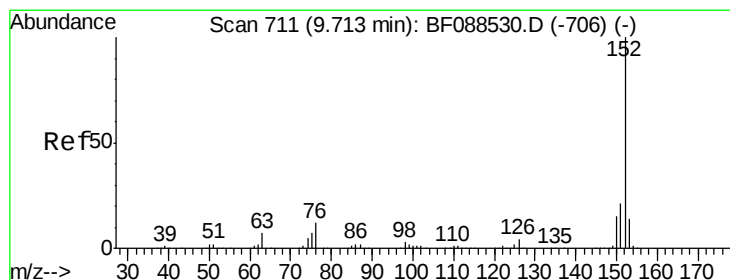
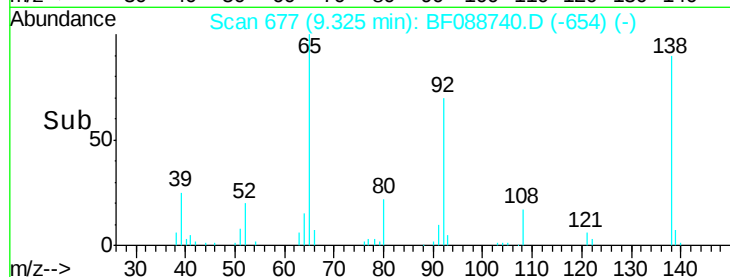
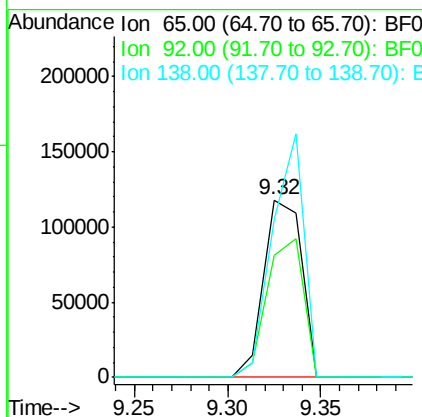
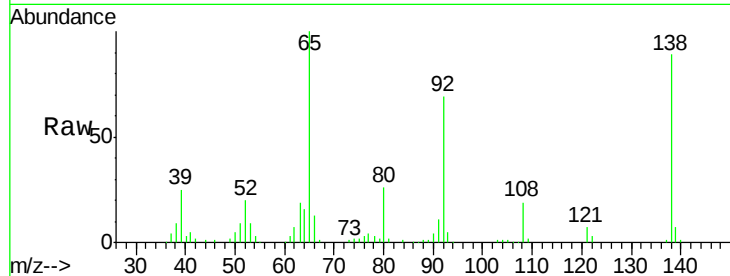
#47
2-Nitroaniline
Concen: 42.33 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.6	82.0
138	89.4	77.0	115.4

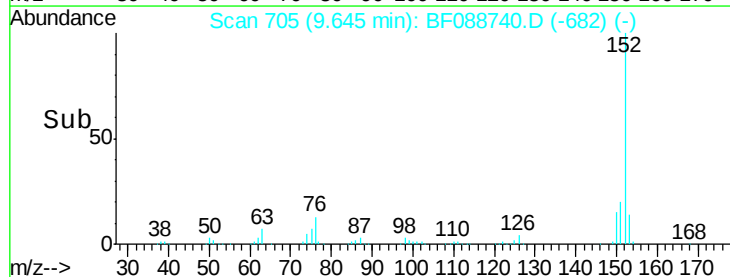
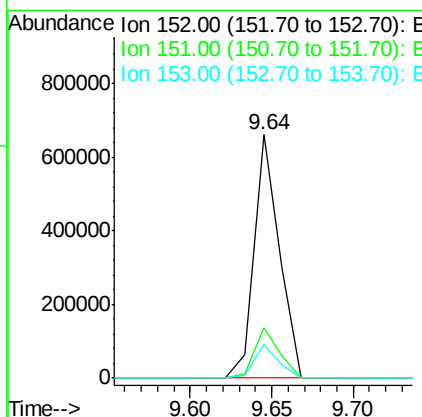
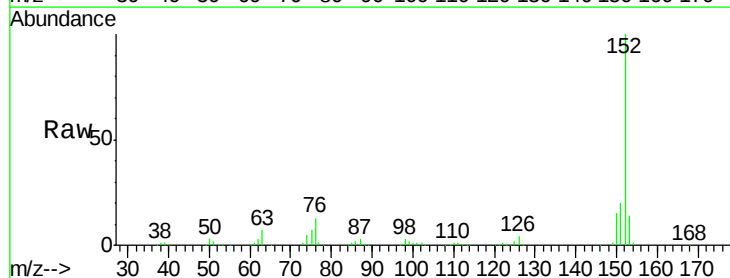
Manual Integrations

umangi
7/8/2016 6:59:06 AM



#48
Acenaphthylene
Concen: 39.87 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	11.0	16.6





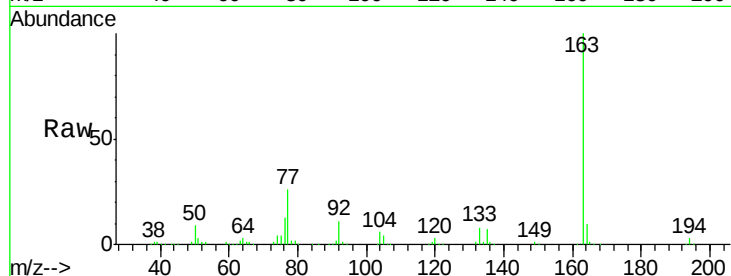
#49
Dimethylphthalate
Concen: 41.04 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

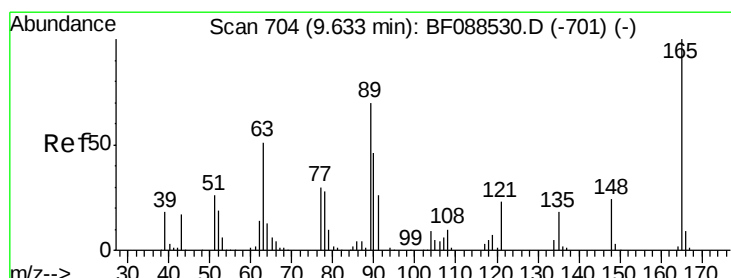
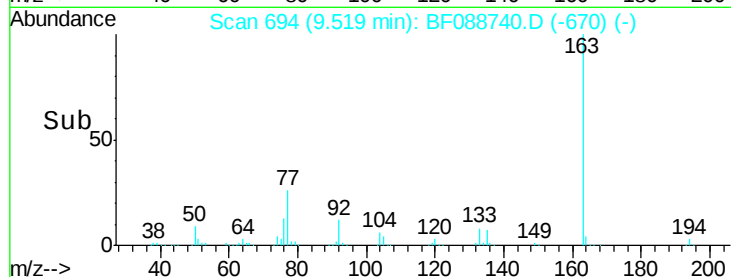
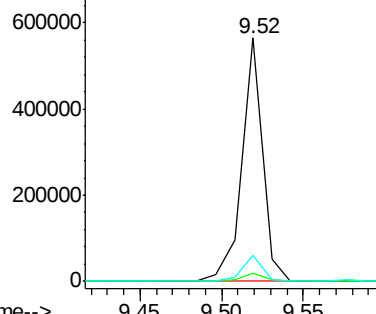
Tot Ion	Ratio	Resp	Lower	Upper
163	100	498880		
194	3.2		2.8	4.2
164	10.5		8.3	12.5

Manual Integrations

umangi
7/8/2016 6:59:06 AM

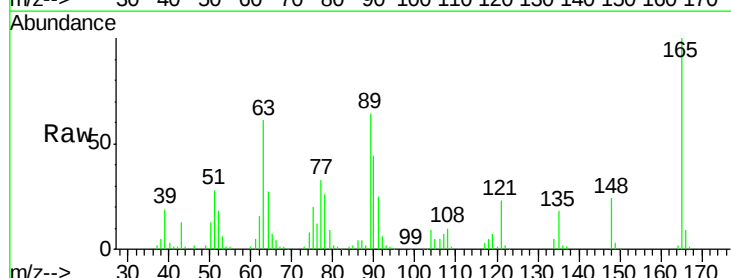


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

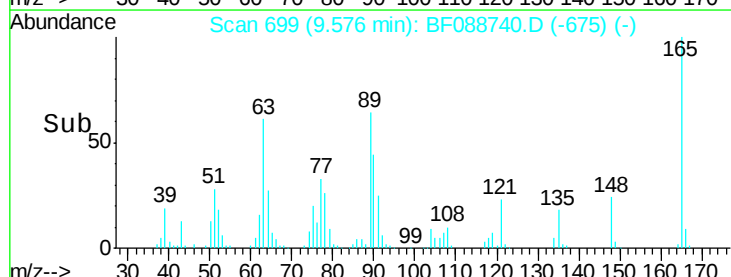
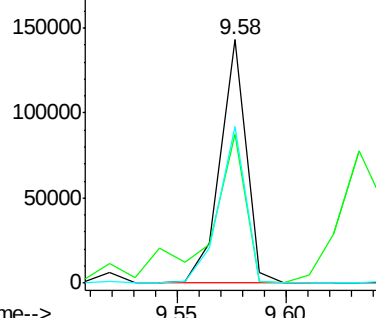


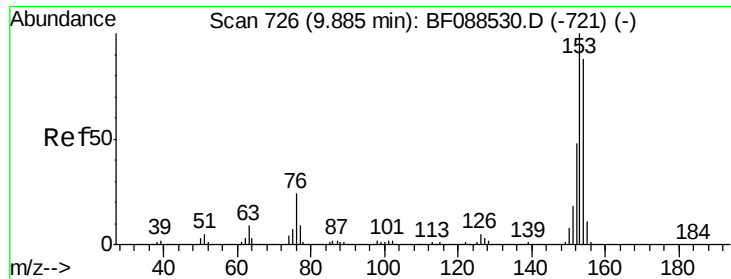
#50
2,6-Dinitrotoluene
Concen: 44.25 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119194		
63	61.2		28.1	42.1#
89	64.3		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: 41.66 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 450635

Ion Ratio Lower Upper

154 100

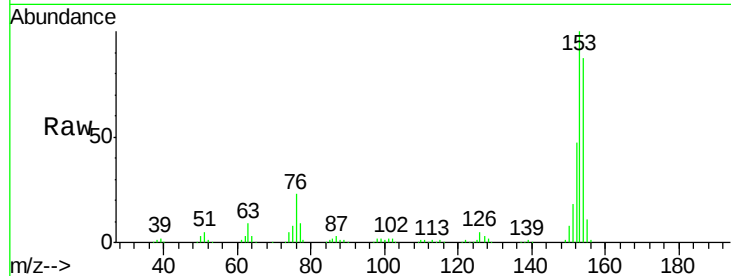
153 114.4 89.5 134.3

152 54.1 42.7 64.1

Manual Integrations

umangi

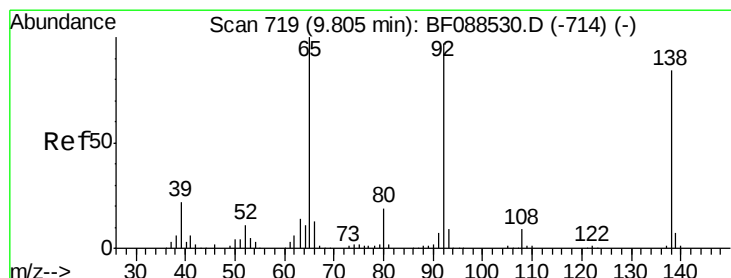
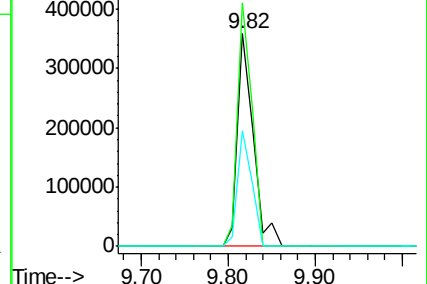
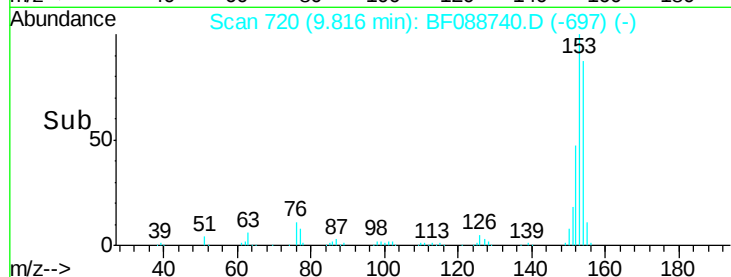
7/8/2016 6:59:06 AM



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: 47.82 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

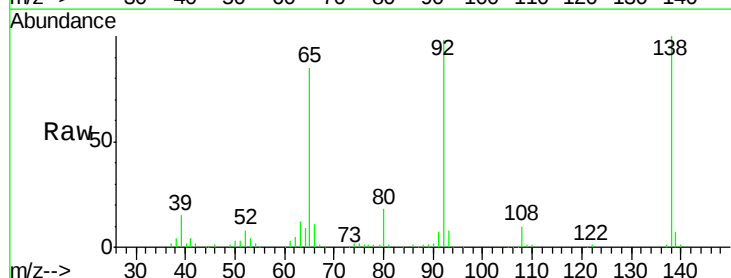
Tgt Ion:138 Resp: 163772

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

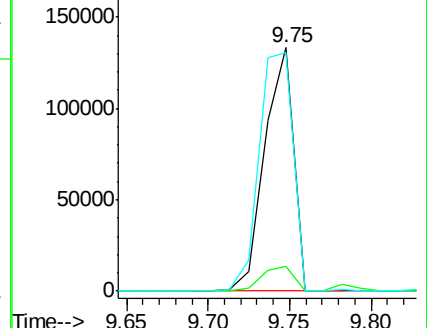
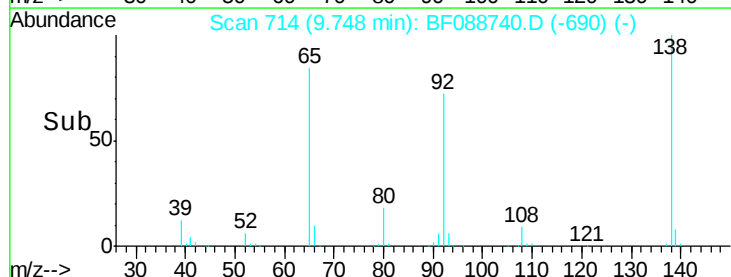
92 97.9 95.7 143.5

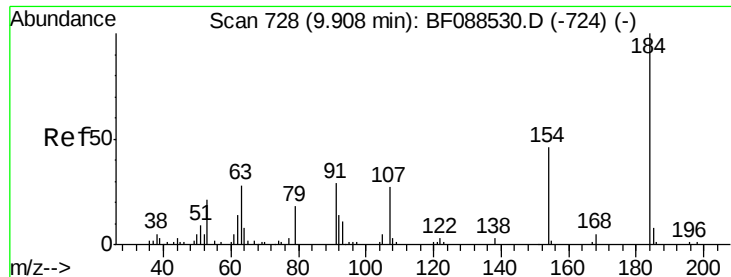


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





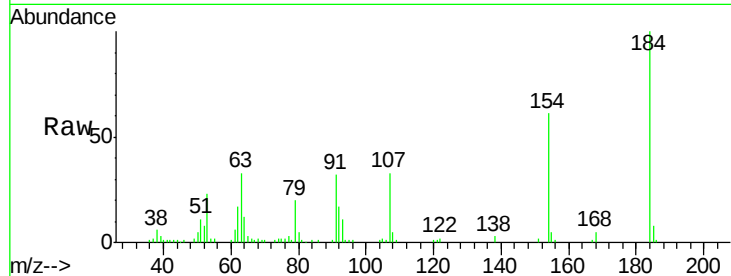
#53
 2,4-Dinitrophenol
 Concen: 56.70 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

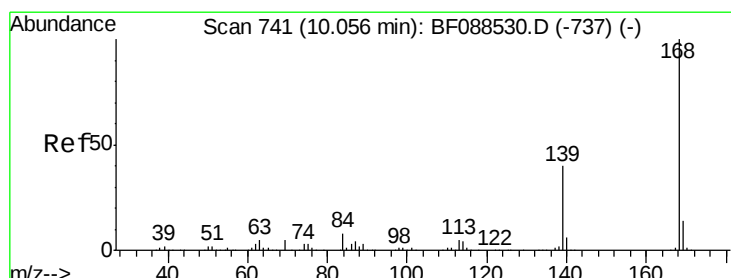
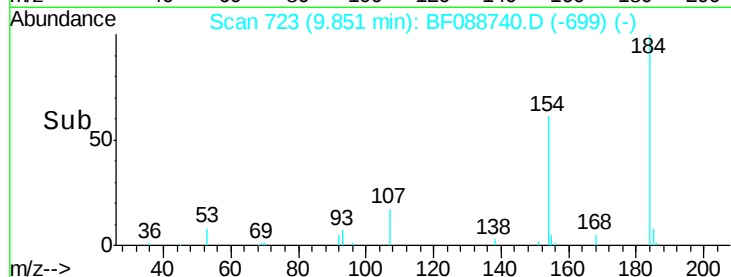
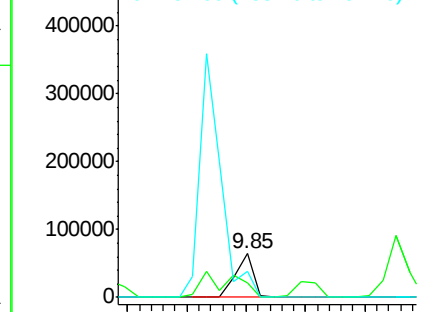
Tot Ion	Ratio	Lower	Upper
184	100		
63	33.3	57.6	86.4#
154	61.3	53.5	80.3

Manual Integrations

umangi
 7/8/2016 6:59:06 AM

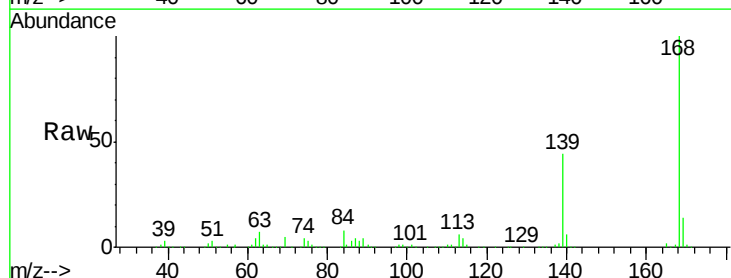


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

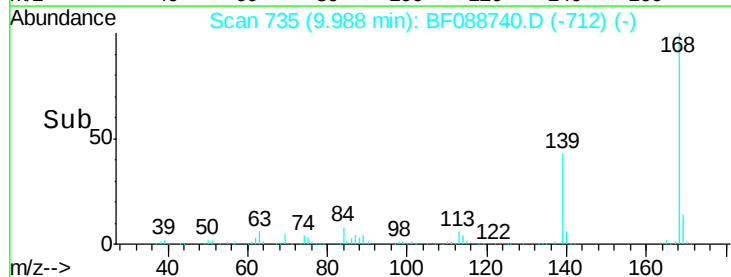
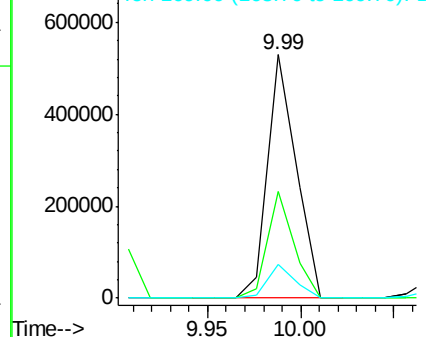


#54
 Dibenzofuran
 Concen: 39.47 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	26.4	39.6#
169	13.8	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





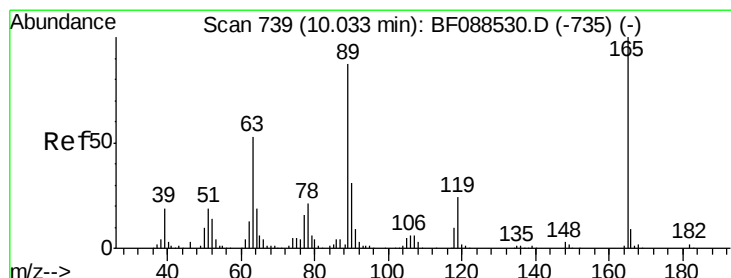
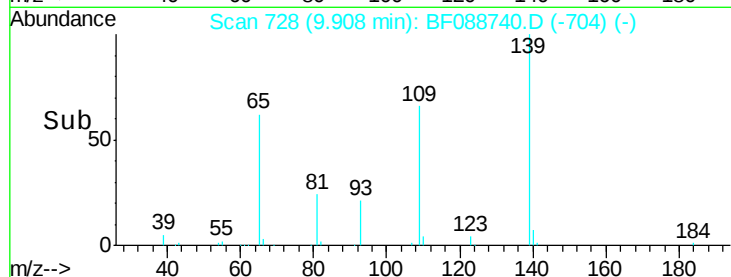
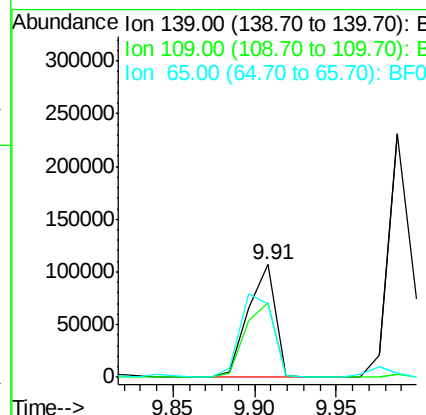
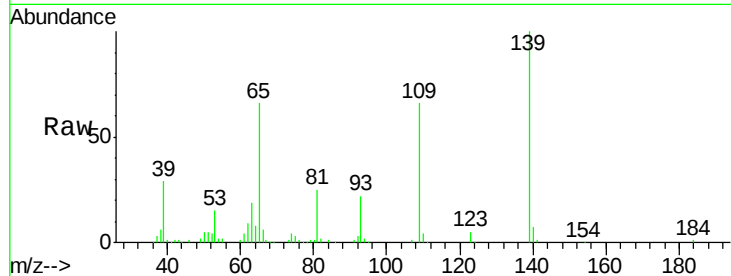
#55
4-Nitrophenol
Concen: 47.78 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.9	88.9
65	65.5	84.9	124.9

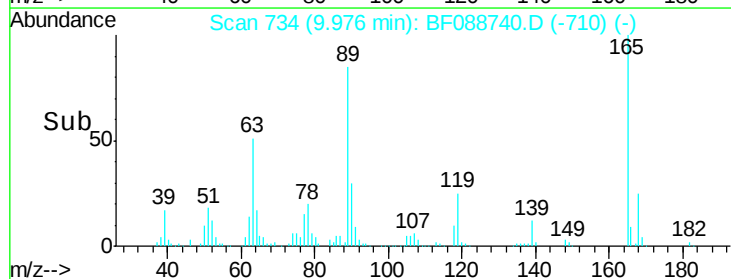
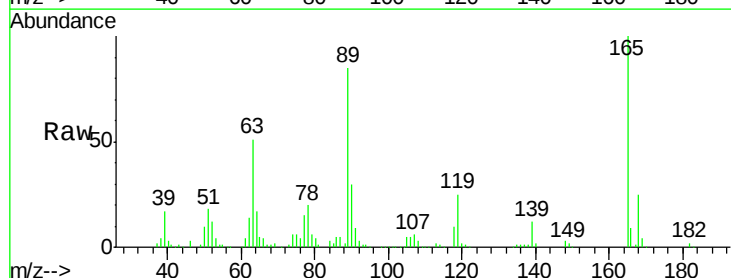
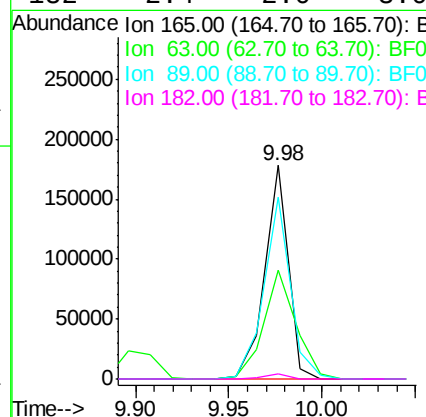
Manual Integrations

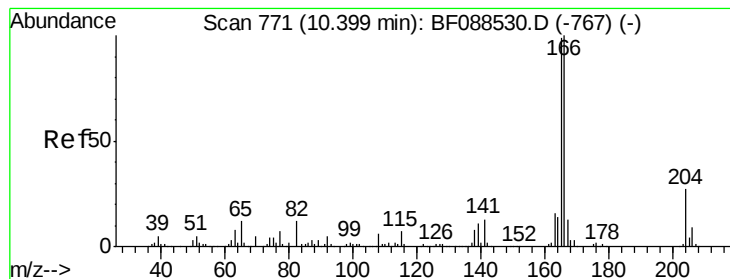
umangi
7/8/2016 6:59:06 AM



#56
2,4-Dinitrotoluene
Concen: 43.62 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	22.0	33.0
89	85.1	41.1	61.7
182	2.4	2.0	3.0





#57

Fluorene

Concen: 40.94 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 446703

Ion Ratio Lower Upper

166 100

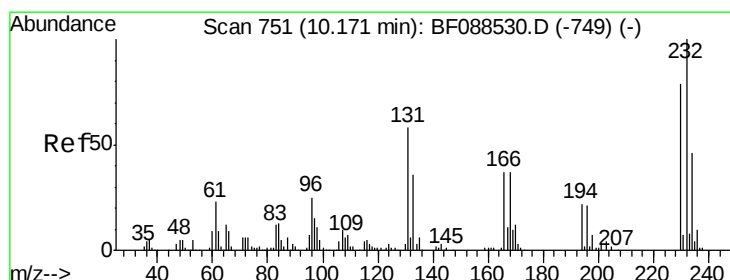
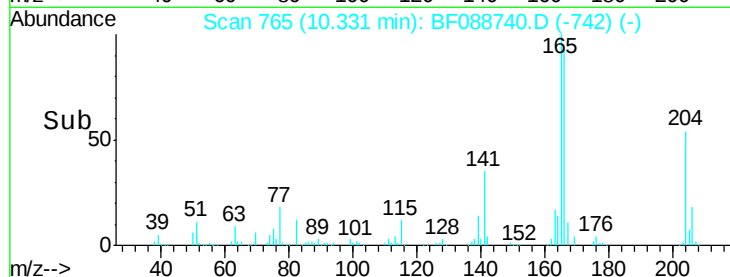
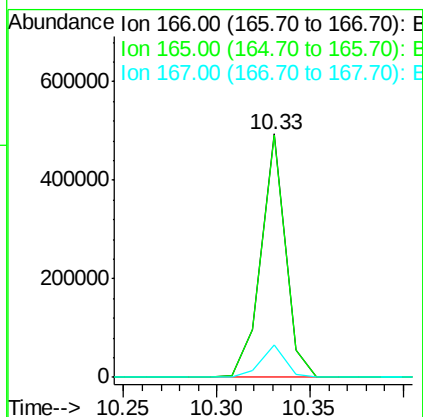
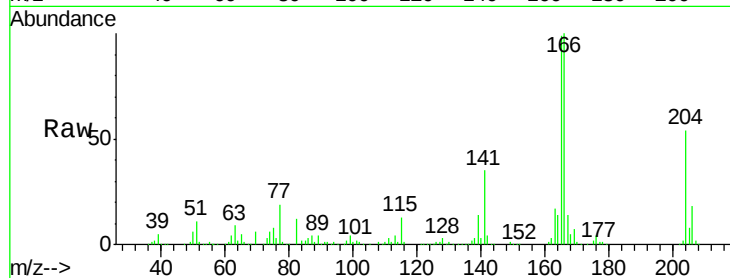
165 99.4 77.8 116.8

167 13.6 11.2 16.8

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.56 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Tgt Ion:232 Resp: 118447

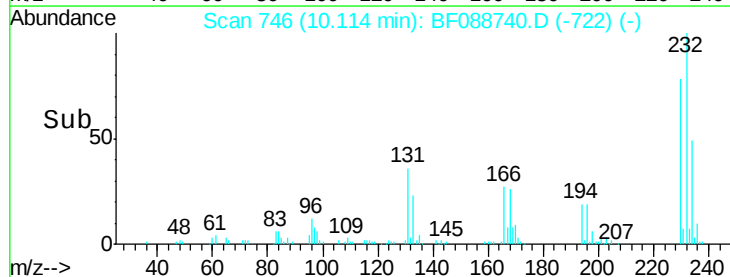
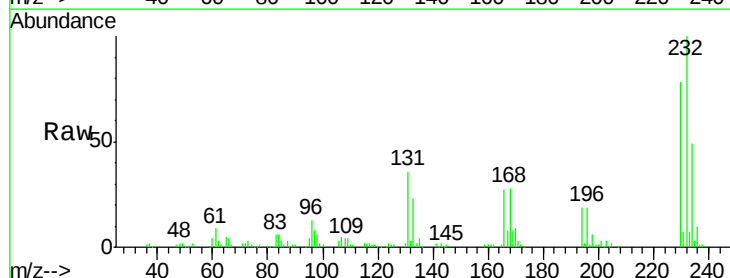
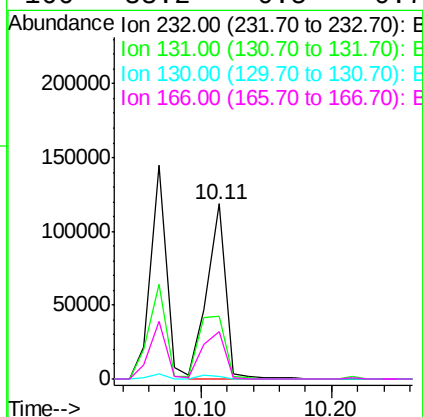
Ion Ratio Lower Upper

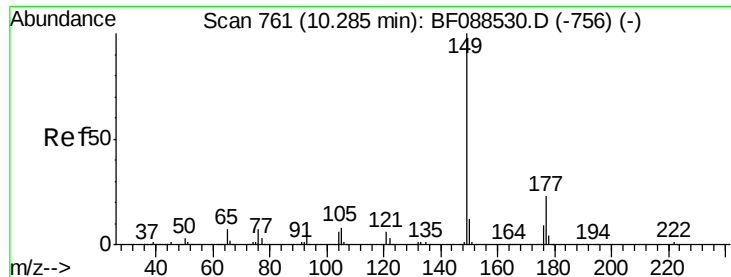
232 100

131 50.5 0.9 1.3#

130 2.6 1.5 2.3#

166 33.2 0.5 0.7#





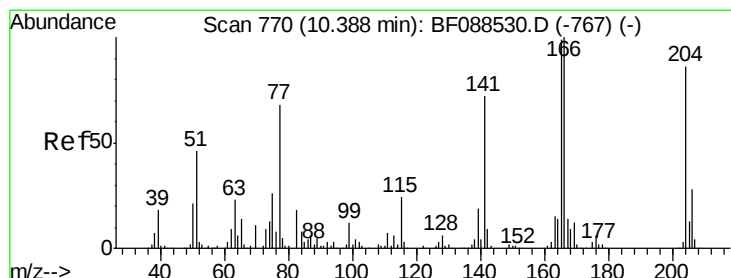
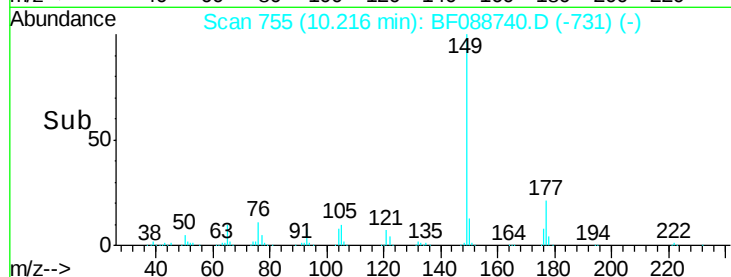
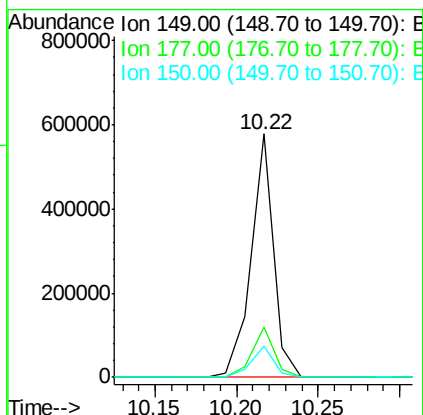
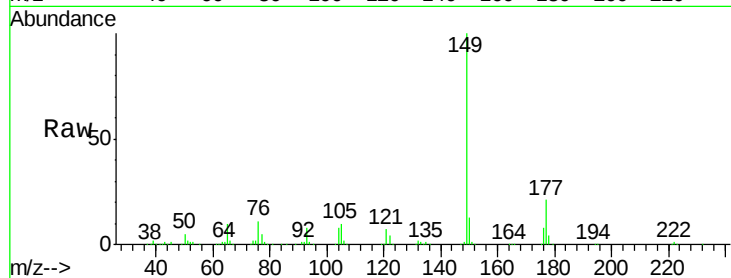
#59
Diethylphthalate
Concen: 45.16 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.9	25.3
150	12.7	10.1	15.1

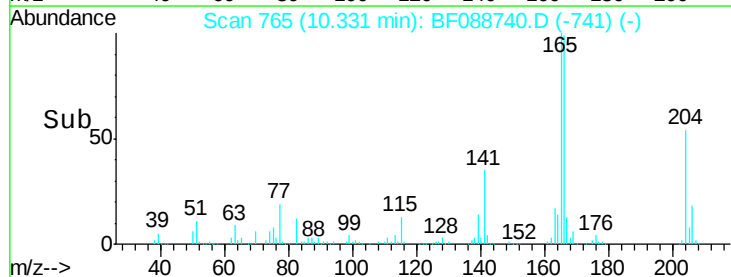
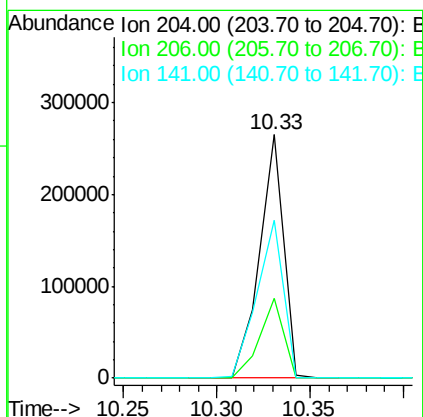
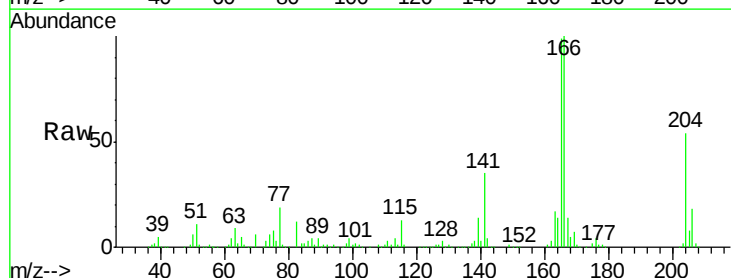
Manual Integrations

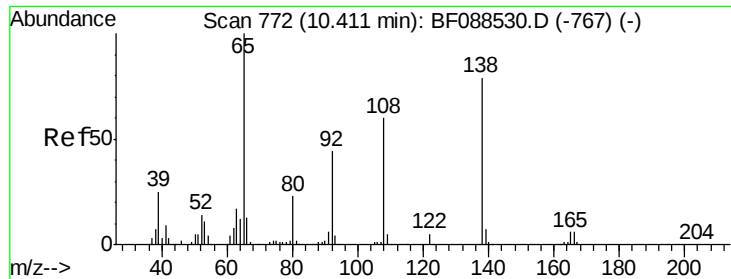
umangi
7/8/2016 6:59:06 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.44 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	65.0	55.0	82.6





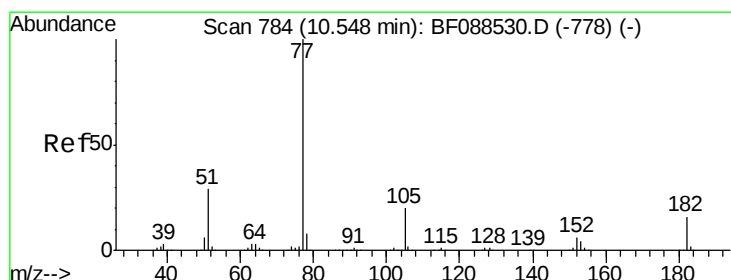
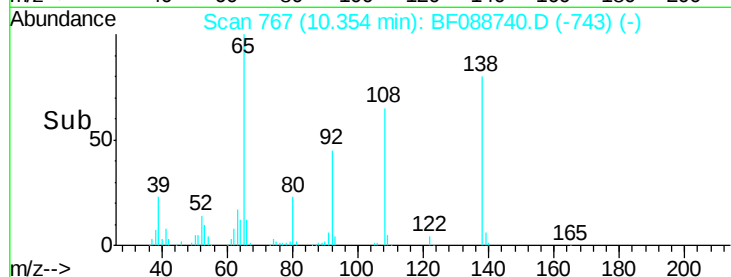
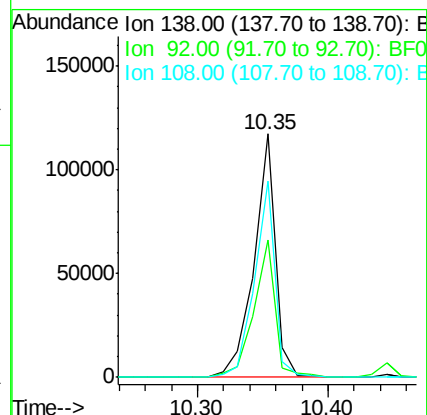
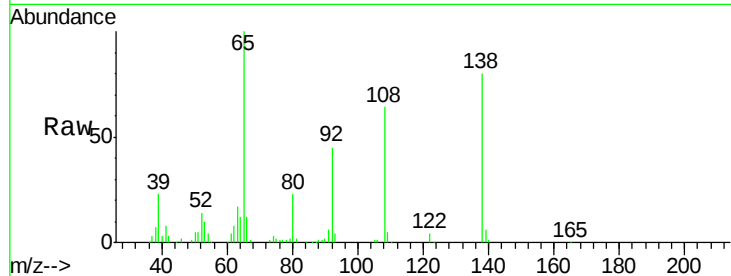
#61
4-Nitroaniline
Concen: 40.98 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.5	27.3	67.3
108	80.8	46.7	86.7

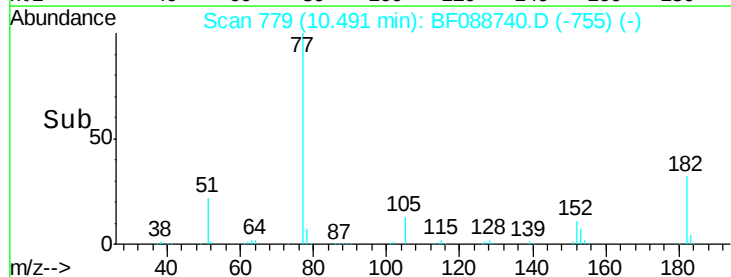
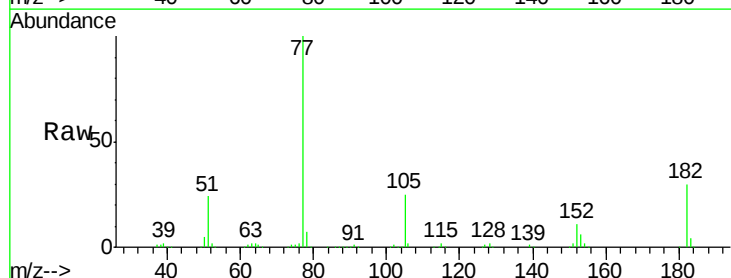
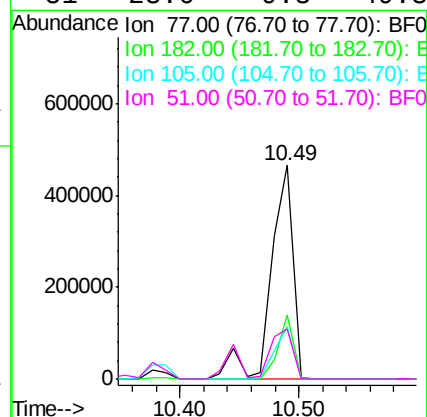
Manual Integrations

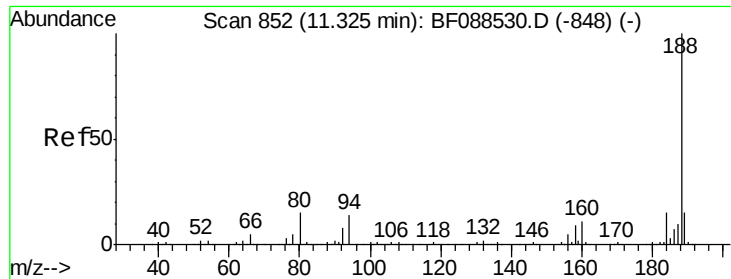
umangi
7/8/2016 6:59:06 AM



#62
Azobenzene
Concen: 43.23 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.2	4.4	44.4
105	24.5	3.8	43.8
51	23.6	9.3	49.3





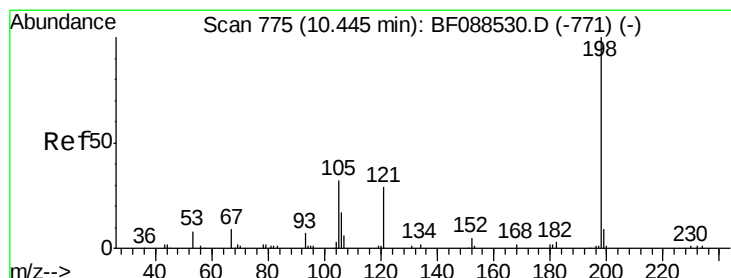
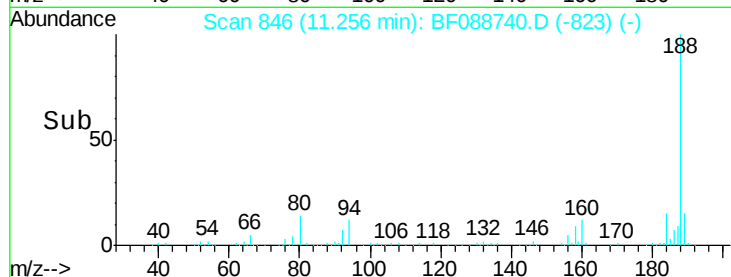
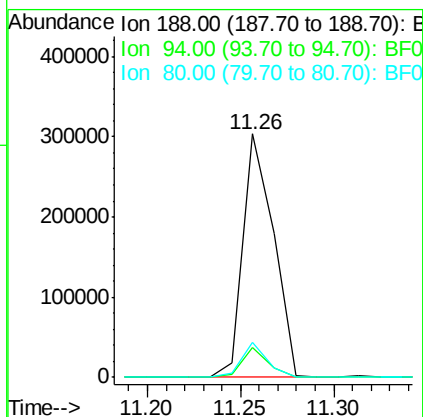
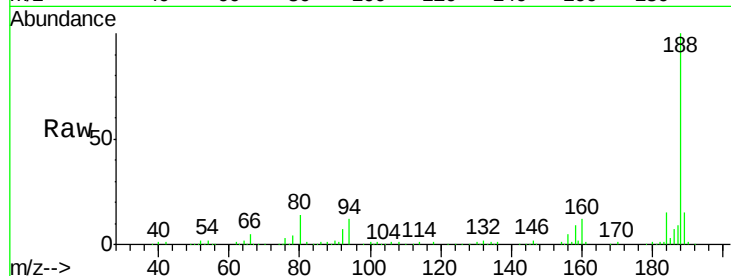
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.6
80	14.5	10.0	15.0

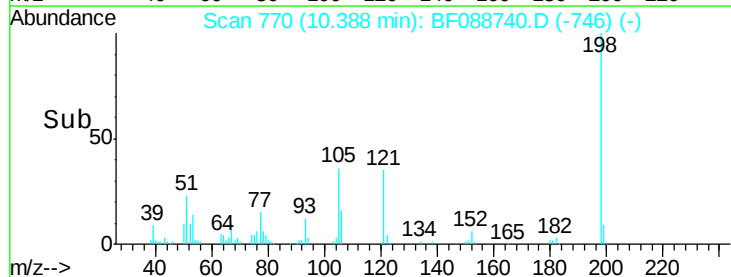
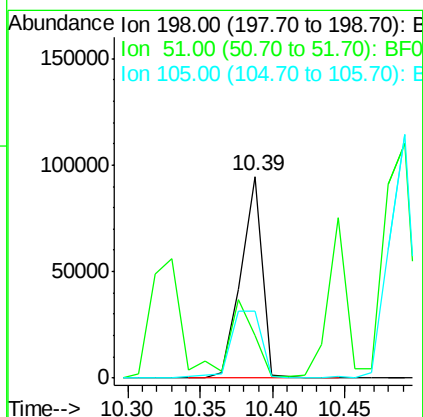
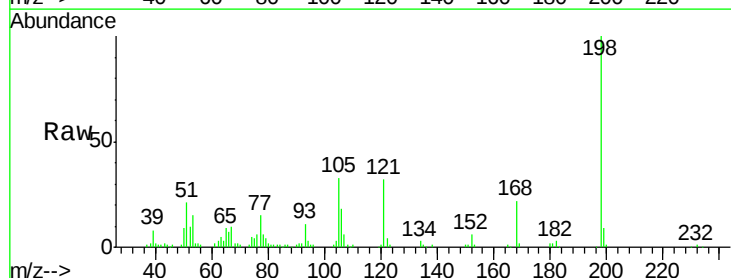
Manual Integrations

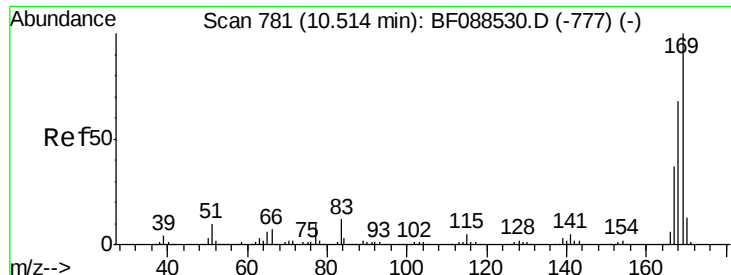
umangi
7/8/2016 6:59:06 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 52.47 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	21.3	39.6	79.6#
105	33.2	36.6	76.6#





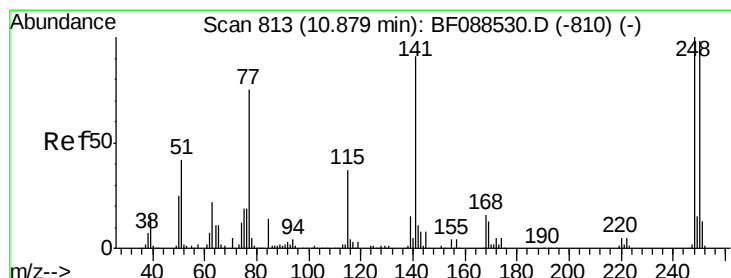
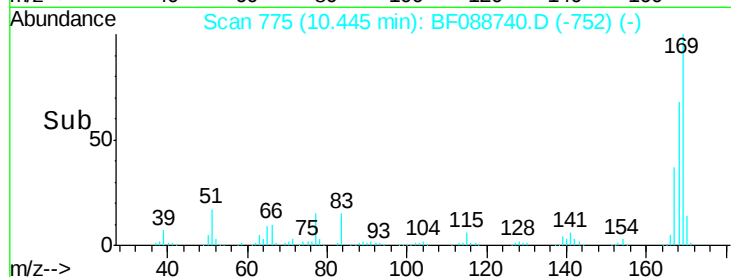
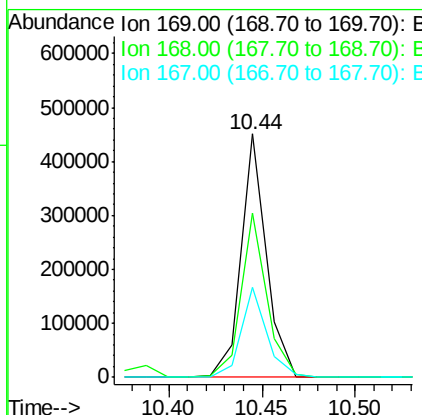
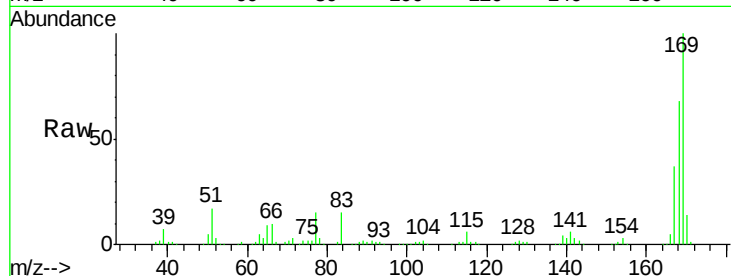
#65
n-Nitrosodiphenylamine
Concen: 36.37 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.7	53.4	80.0	
167	37.1	29.4	44.0	

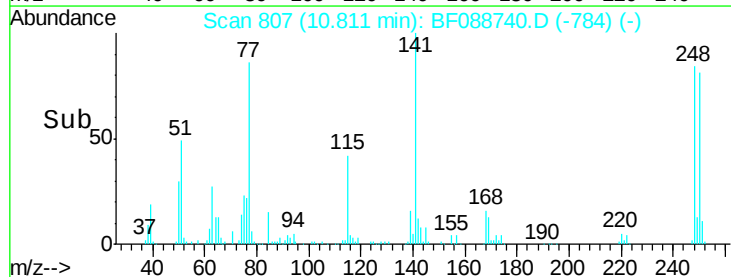
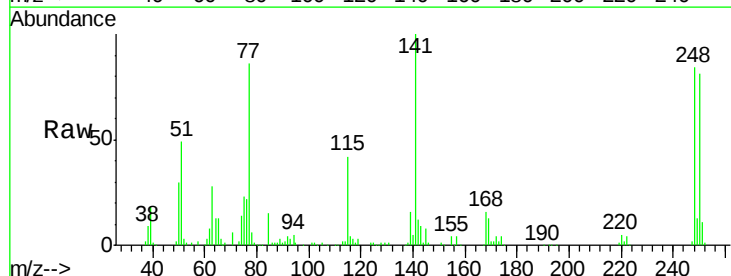
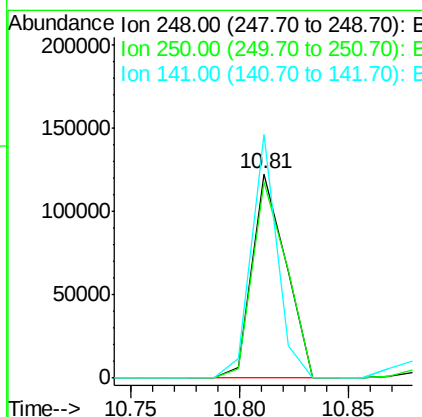
Manual Integrations

umangi
7/8/2016 6:59:06 AM



#66
4-Bromophenyl-phenylether
Concen: 37.98 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	96.2	77.1	115.7	
141	119.1	50.6	76.0	





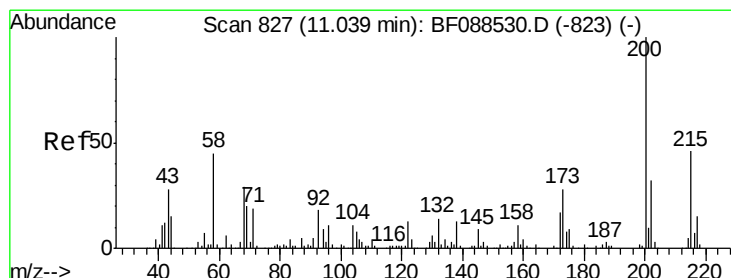
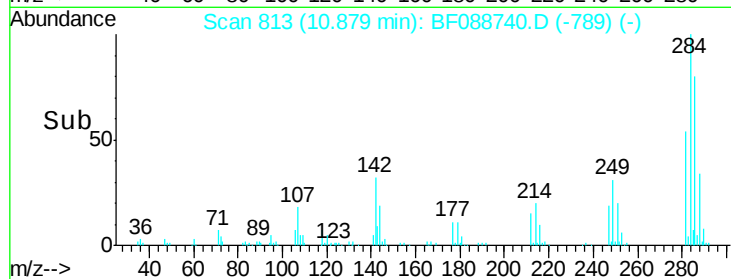
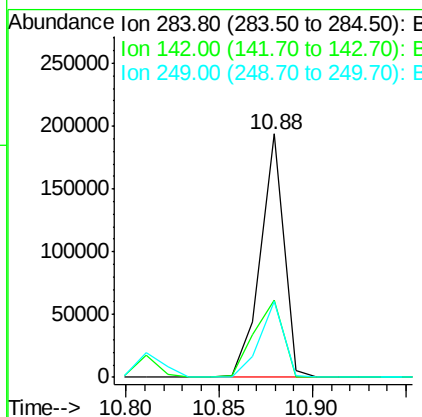
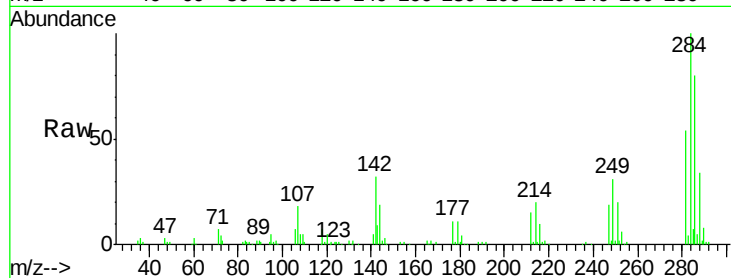
#67
Hexachlorobenzene
Concen: 43.50 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.9	35.8	53.8#
249	31.0	25.8	38.6

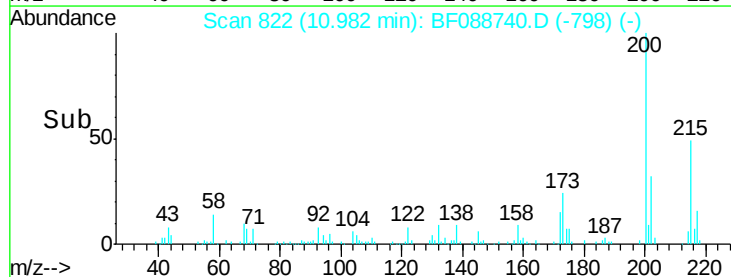
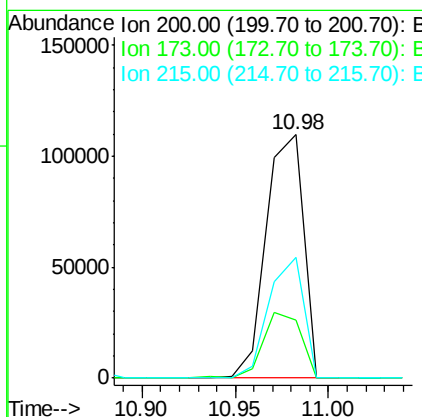
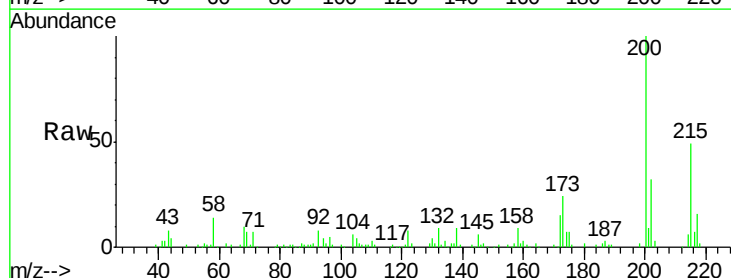
Manual Integrations

umangi
7/8/2016 6:59:06 AM



#68
Atrazine
Concen: 41.87 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.0	44.0
215	49.4	29.3	69.3





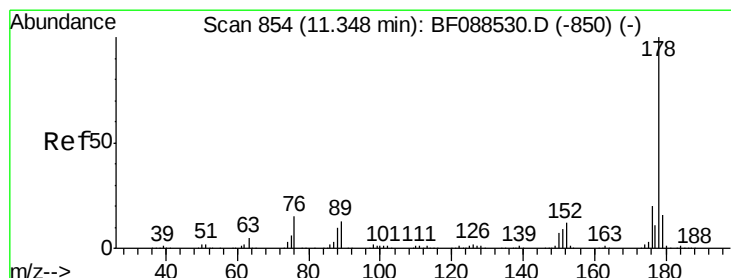
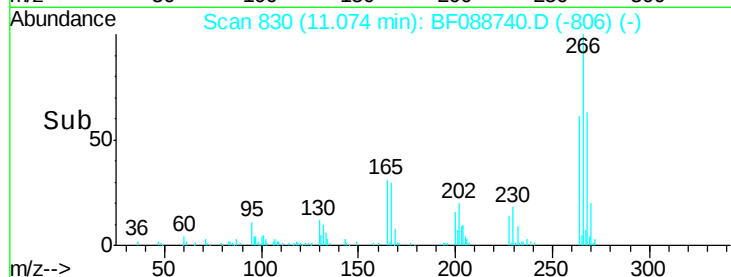
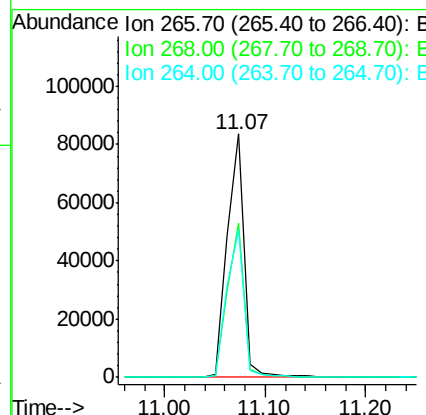
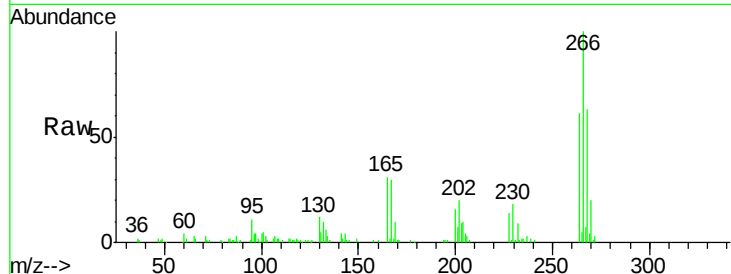
#69
 Pentachlorophenol
 Concen: 42.55 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.8	79.2
264	60.6	49.6	74.4

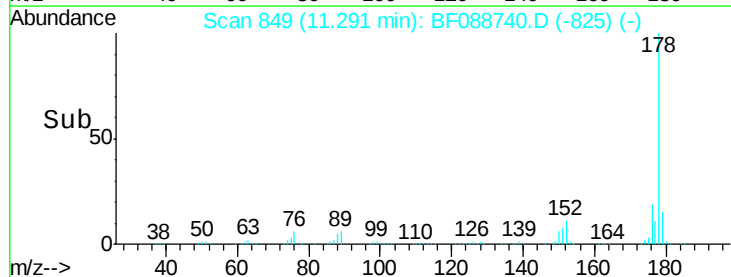
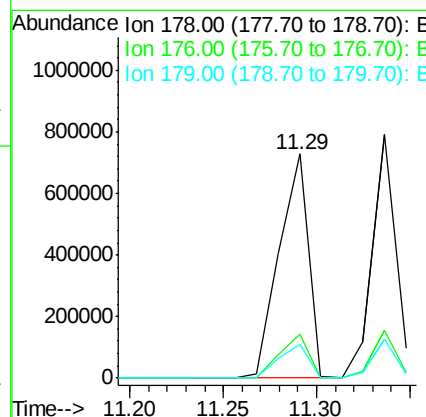
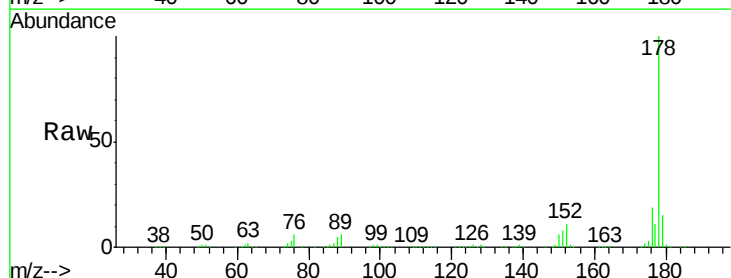
Manual Integrations

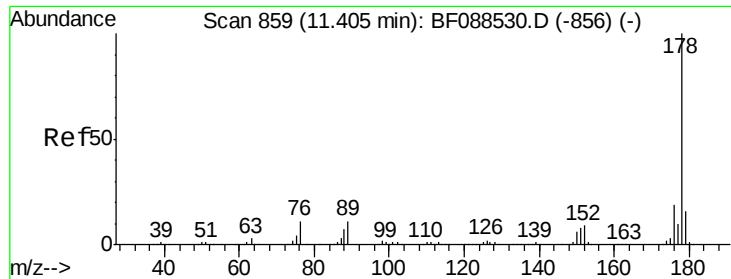
umangi
 7/8/2016 6:59:06 AM



#70
 Phenanthrene
 Concen: 41.96 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.1	13.0	19.4





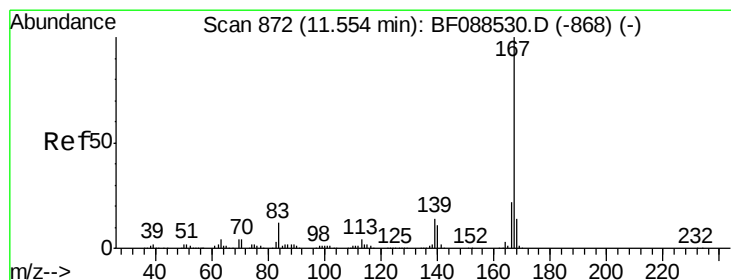
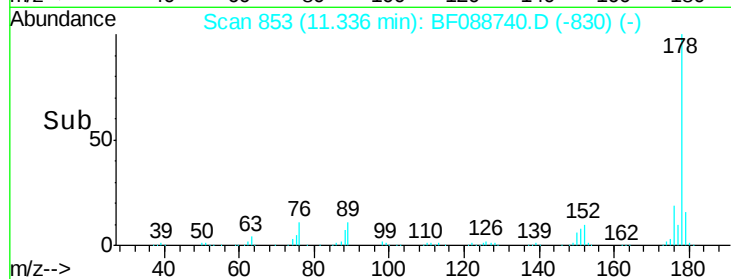
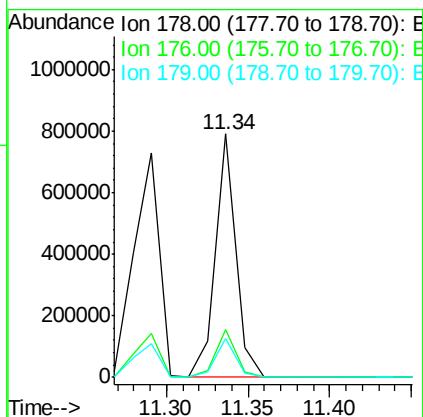
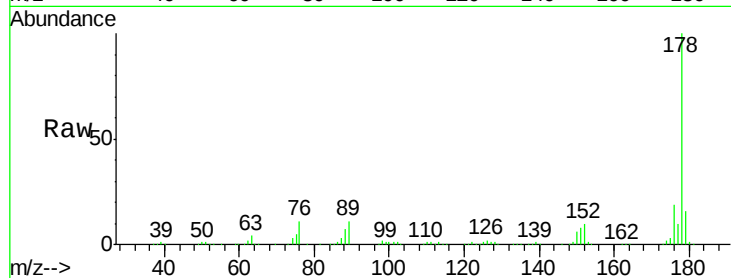
#71
 Anthracene
 Concen: 36.77 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.0	12.8	19.2

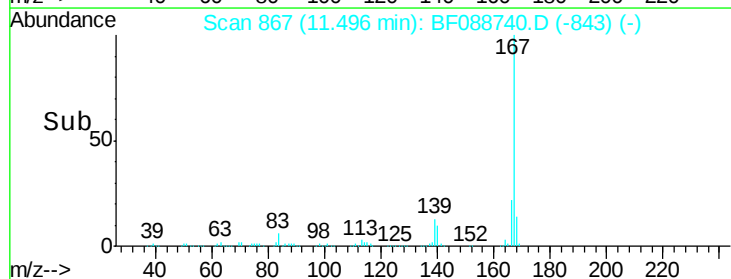
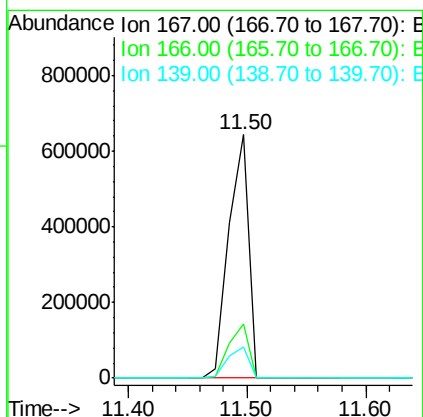
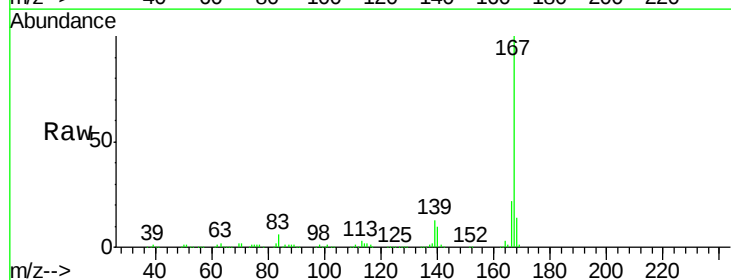
Manual Integrations

umangi
 7/8/2016 6:59:06 AM



#72
 Carbazole
 Concen: 42.12 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	12.8	11.2	16.8





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

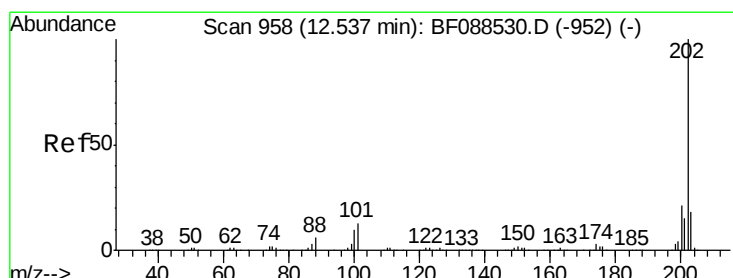
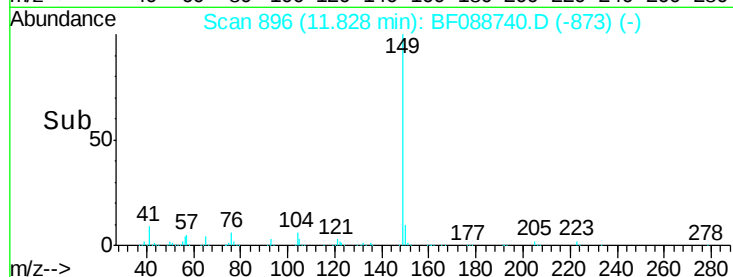
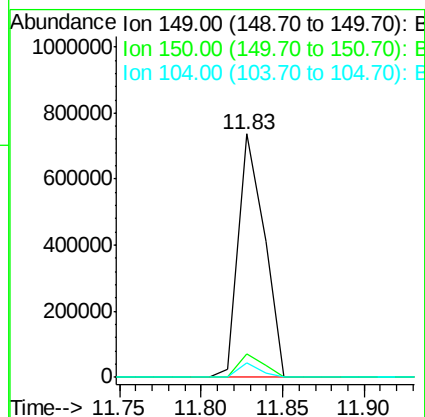
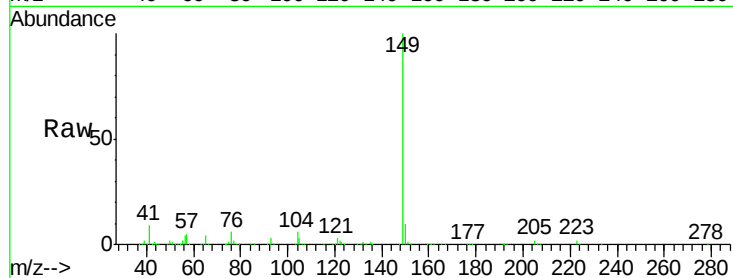
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.0	4.0	6.0

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#74

Fluoranthene

Concen: 43.95 ng

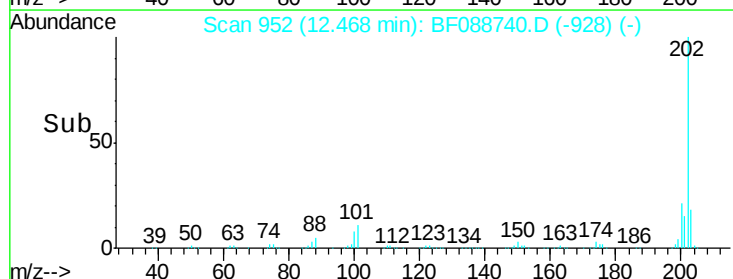
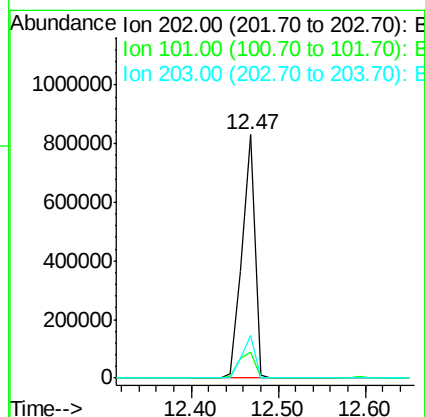
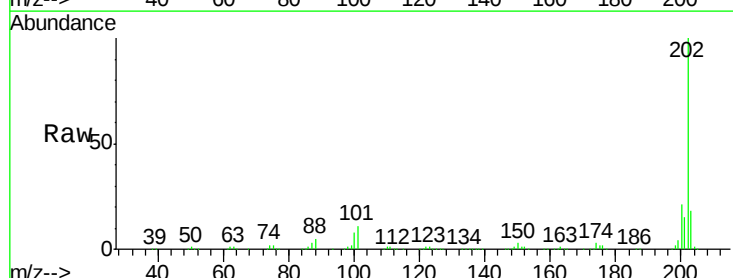
RT: 12.47 min Scan# 952

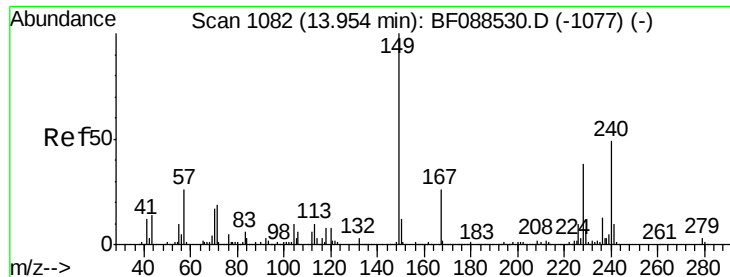
Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 251627

Ion Ratio Lower Upper

240 100

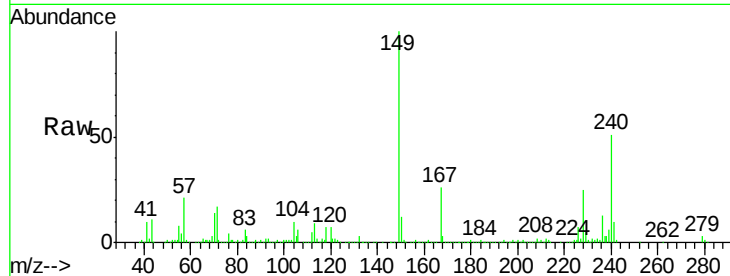
120 14.3 6.8 10.2#

236 25.9 20.2 30.2

Manual Integrations

umangi

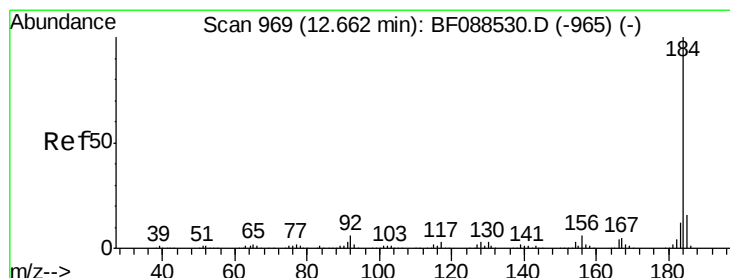
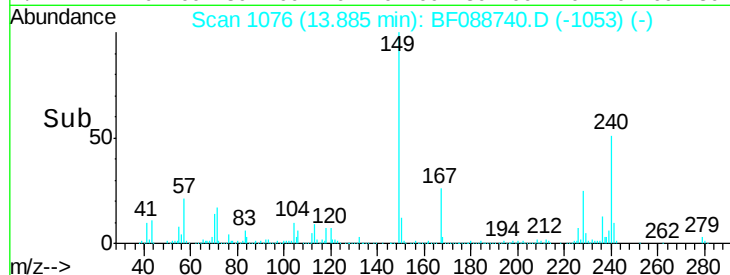
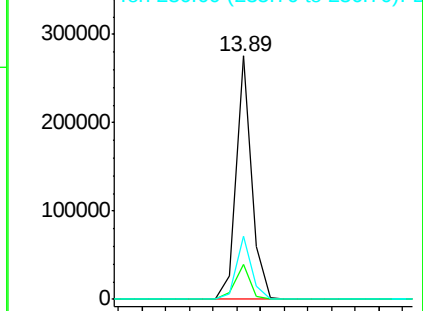
7/8/2016 6:59:06 AM



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: 44.82 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

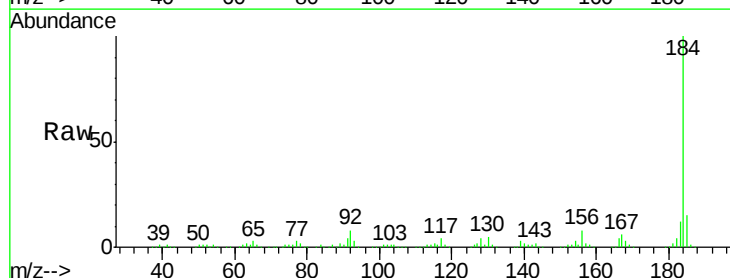
Tgt Ion:184 Resp: 570066

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

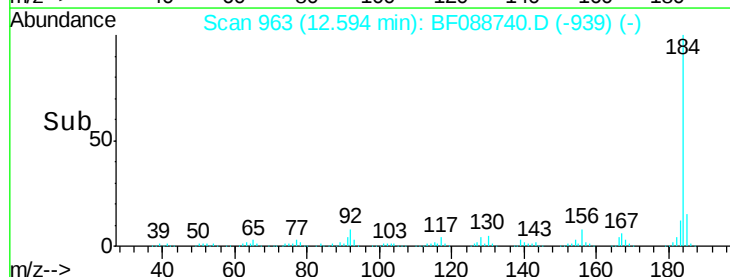
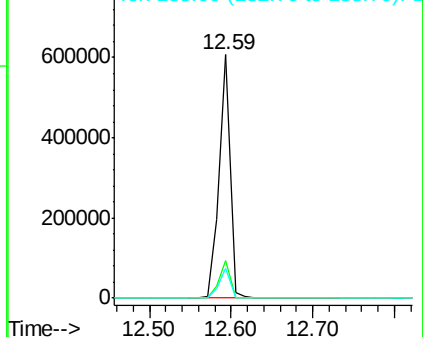
183 12.2 9.3 13.9



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





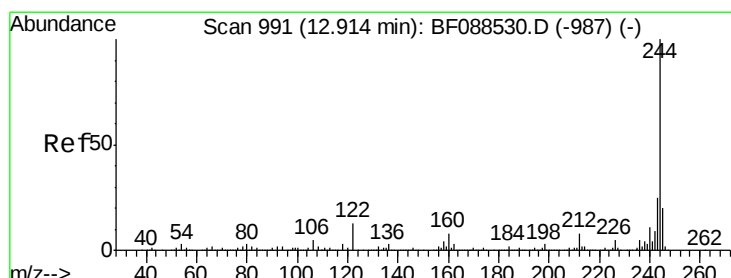
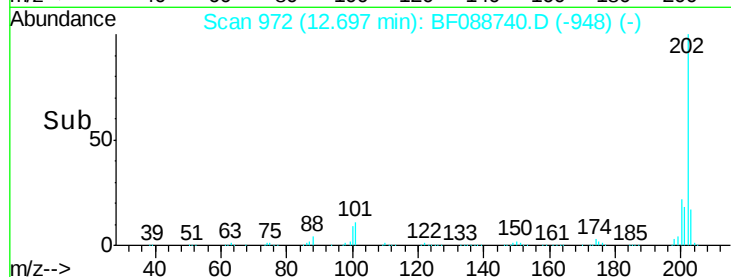
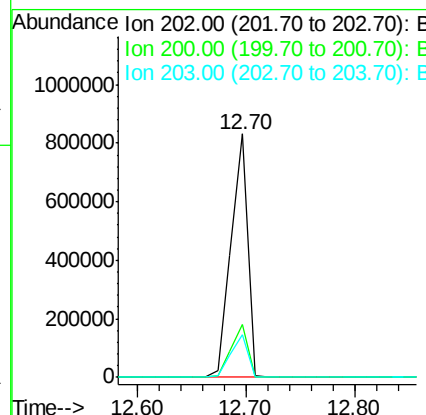
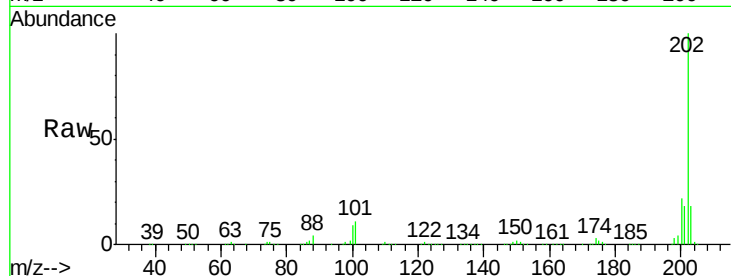
#77
Pvrene
Concen: 41.26 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.7	14.5	21.7

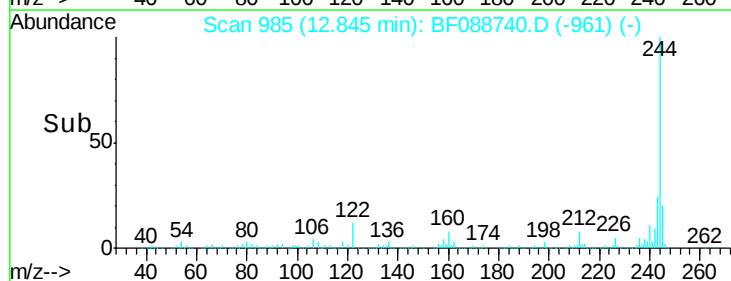
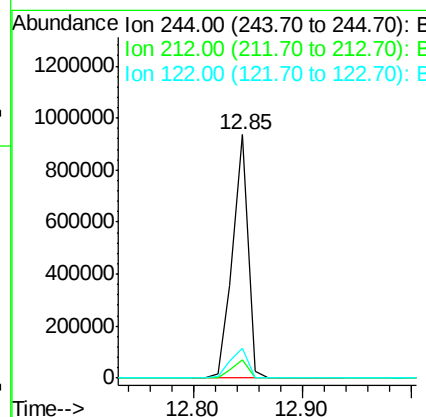
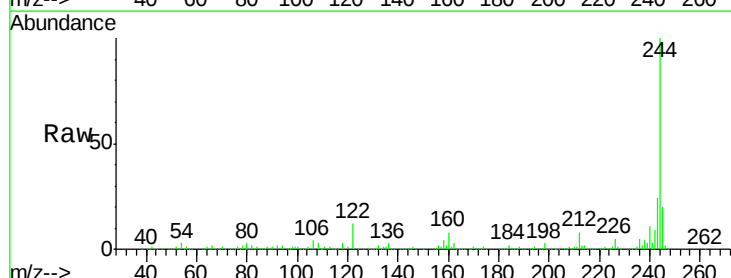
Manual Integrations

umangi
7/8/2016 6:59:06 AM



#78
Terphenyl-d14
Concen: 81.27 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.1	11.2	16.8





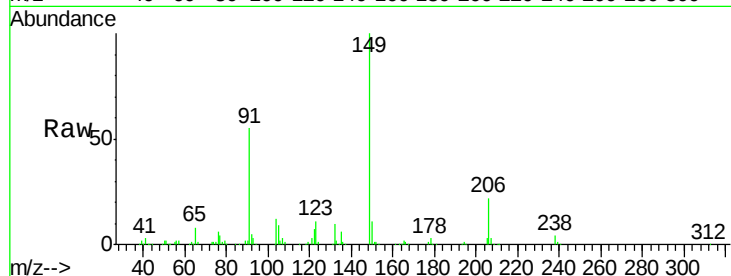
#79
Butylbenzylphthalate
Concen: 38.94 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

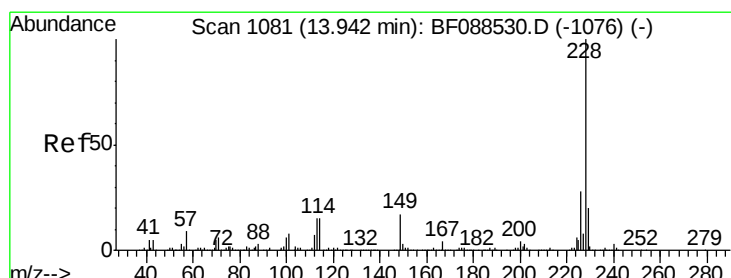
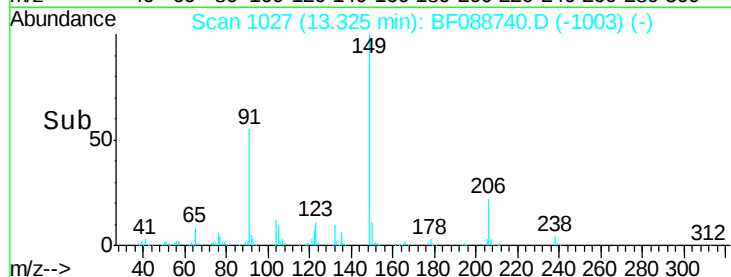
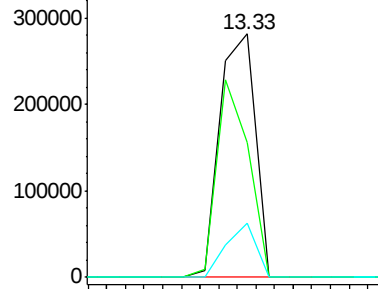
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		370558		
91	55.4	48.0	72.0		
206	22.4	16.0	24.0		

Manual Integrations

umangi
7/8/2016 6:59:06 AM



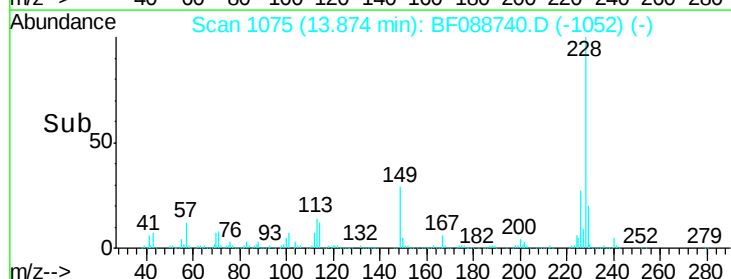
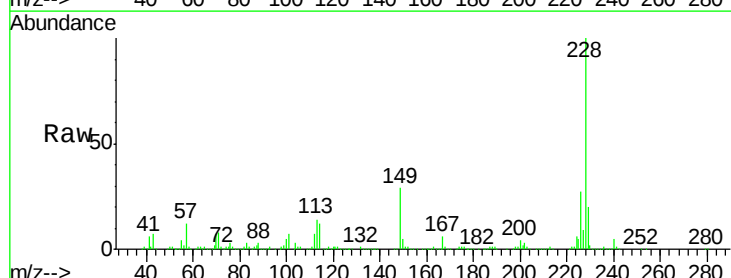
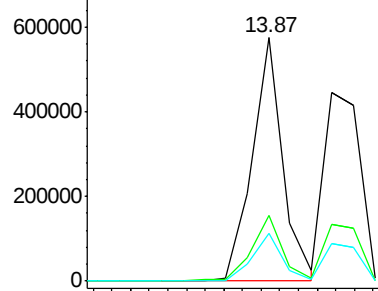
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 40.31 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		653202		
226	27.2	22.3	33.5		
229	19.8	16.0	24.0		

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





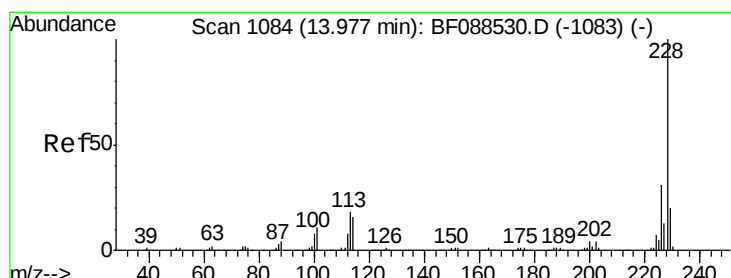
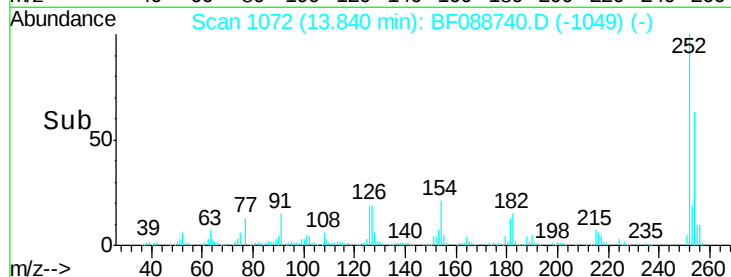
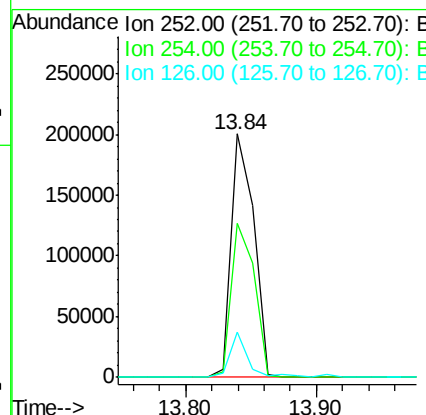
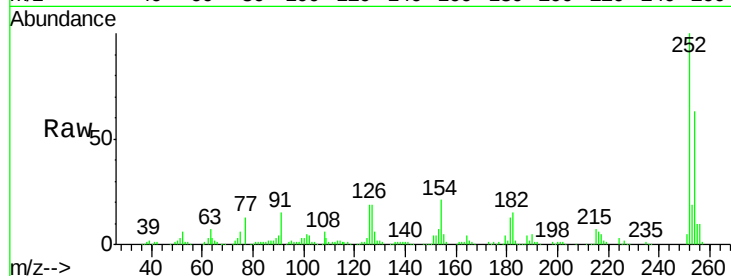
#81
 3,3'-Dichlorobenzidine
 Concen: 39.74 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.6	78.8
126	18.5	6.2	9.2

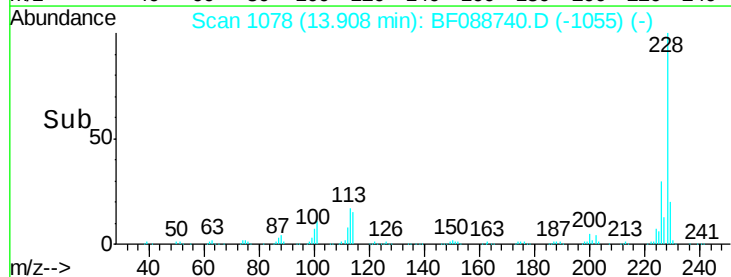
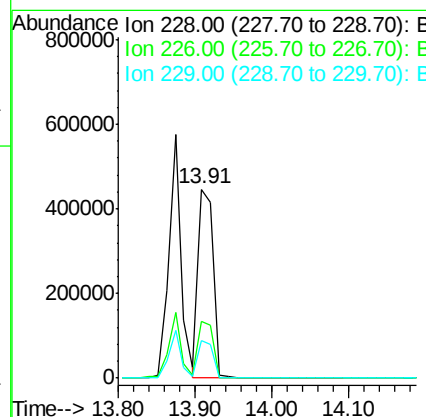
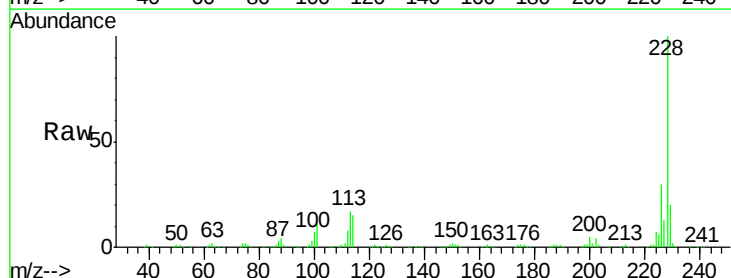
Manual Integrations

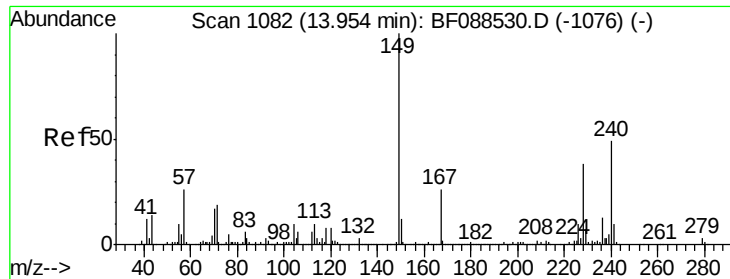
umangi
 7/8/2016 6:59:06 AM



#82
 Chrysene
 Concen: 37.68 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	19.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.10 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_F

ClientSampleId :

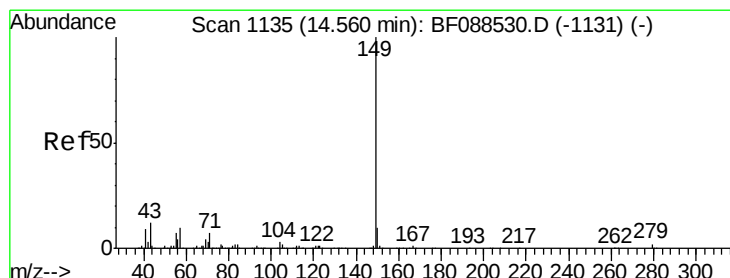
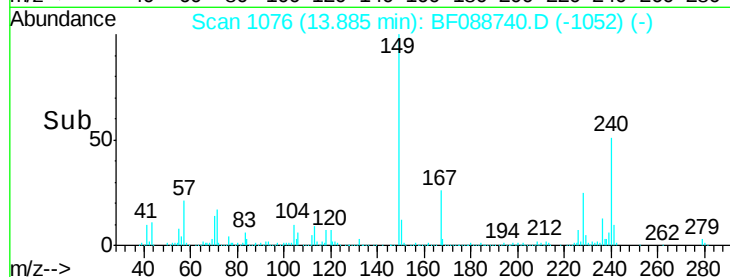
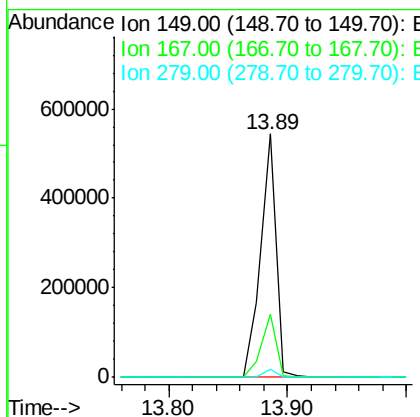
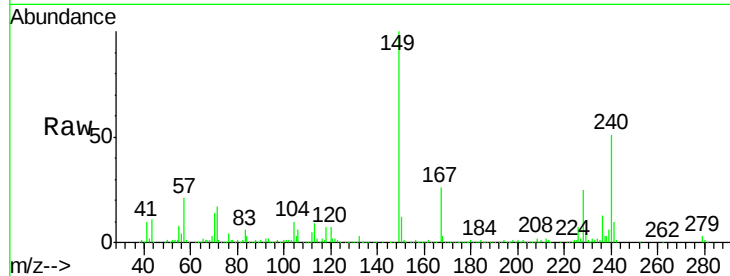
SSTDCCC040

Tot Ion:	149	Resp:	500851
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.5	30.7
279	3.5	2.0	3.0#

Manual Integrations

umangi

7/8/2016 6:59:06 AM



#84

Di-n-octyl phthalate

Concen: 45.58 ng

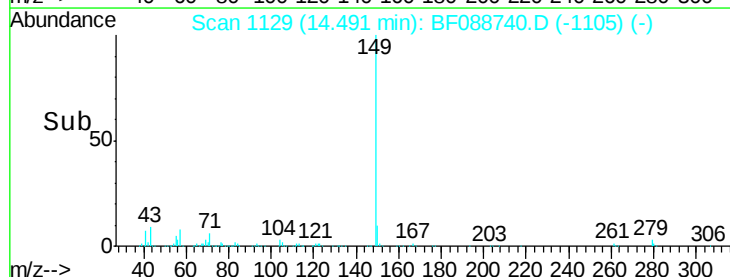
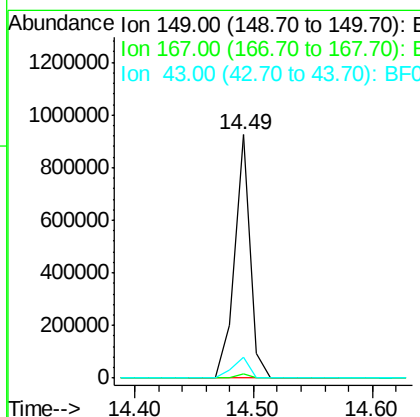
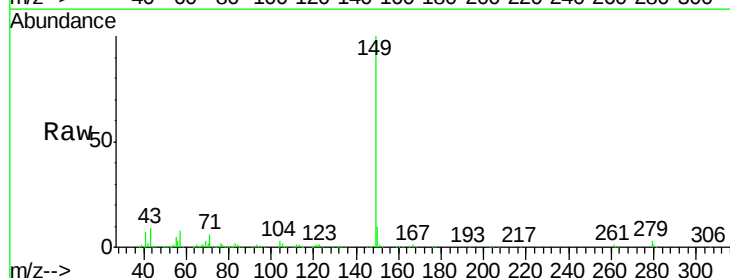
RT: 14.49 min Scan# 1129

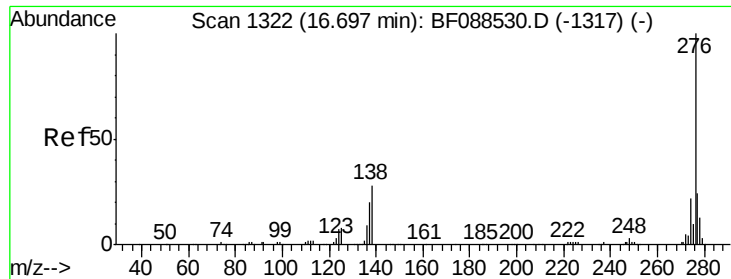
Delta R.T. -0.02 min

Lab File: BF088740.D

Acq: 6 Jul 2016 18:05

Tgt Ion:	149	Resp:	841304
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#





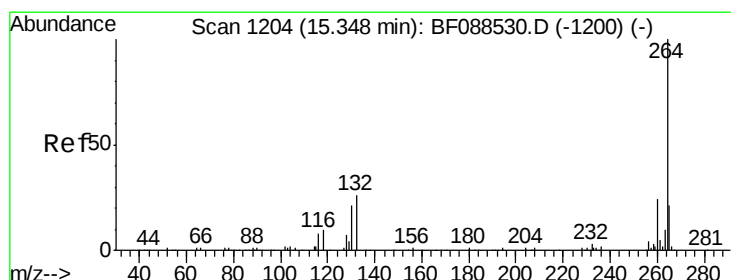
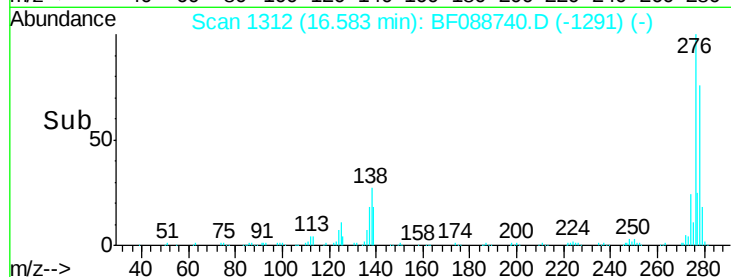
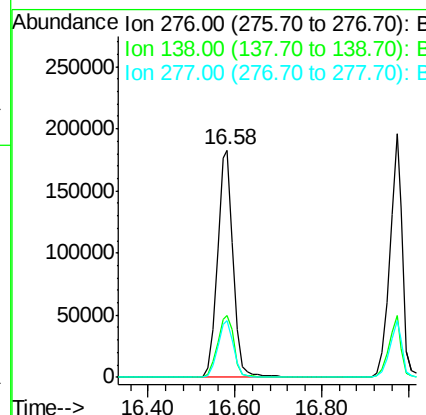
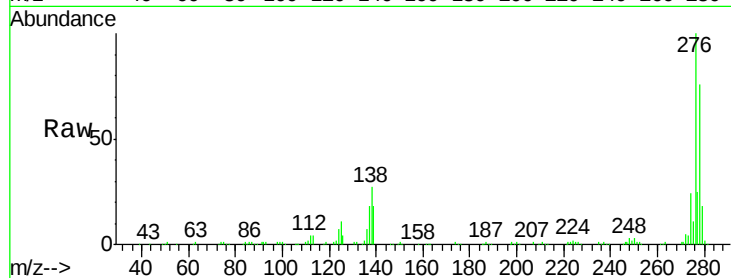
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.03 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.06 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	0.0	0.0#
277	25.3	0.0	0.0#

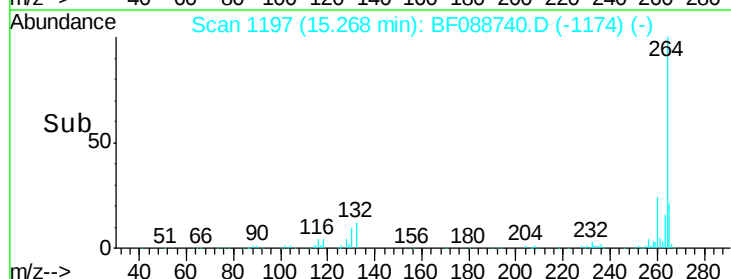
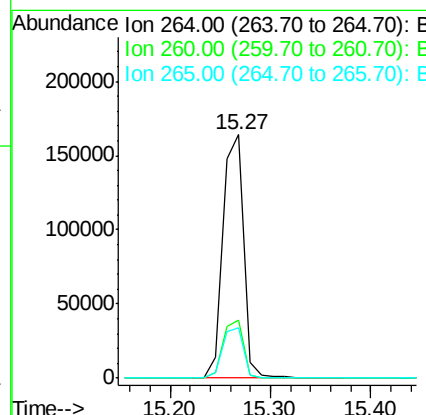
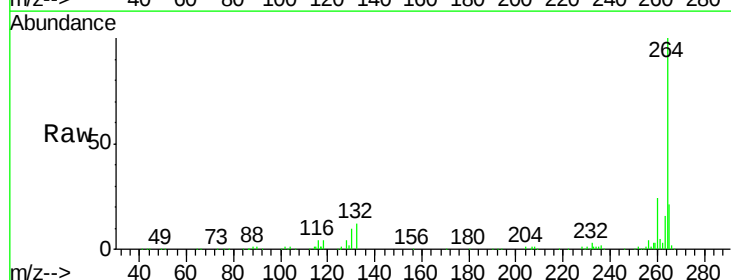
Manual Integrations

umangi
 7/8/2016 6:59:06 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	16.9	25.3





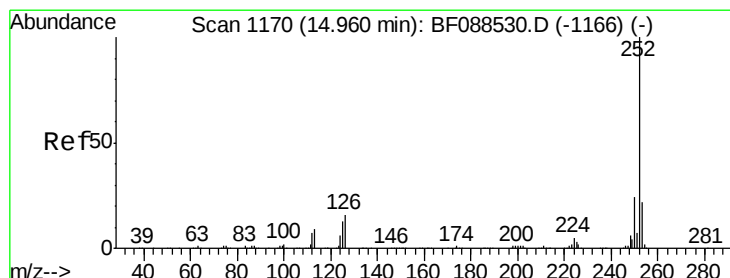
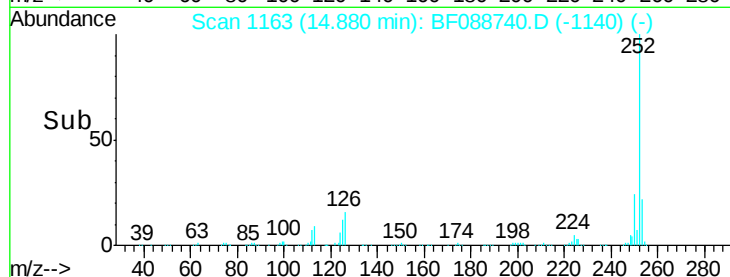
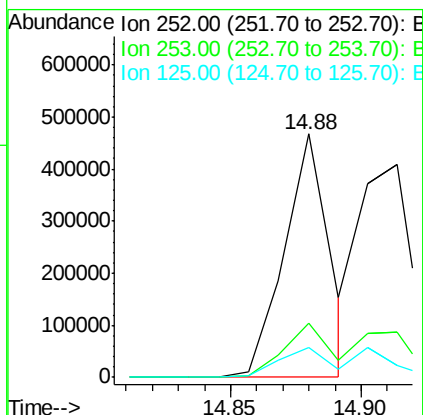
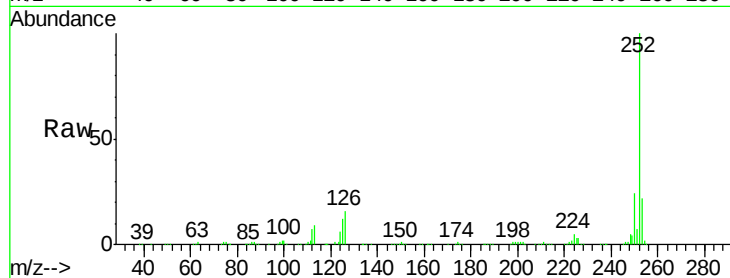
#87
Benzo(b)fluoranthene
Concen: 38.02 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.1	7.1	10.7

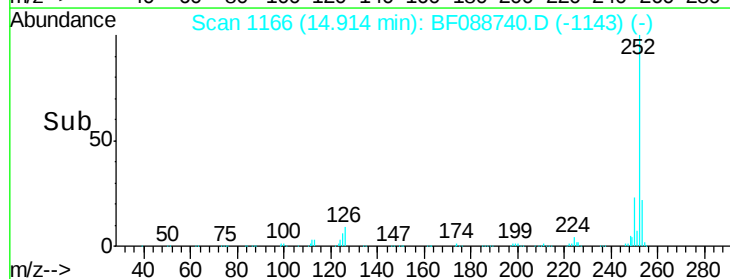
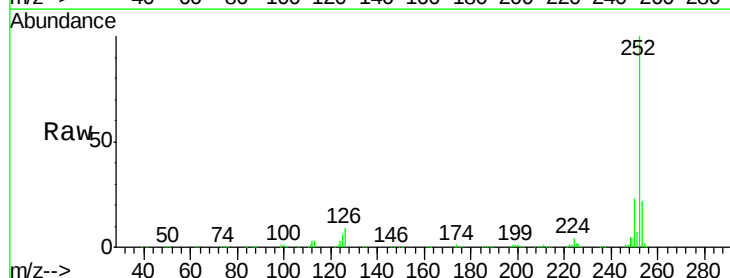
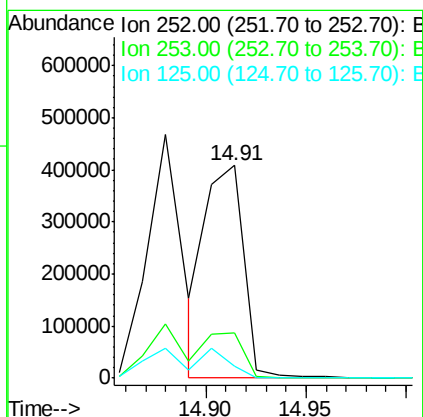
Manual Integrations

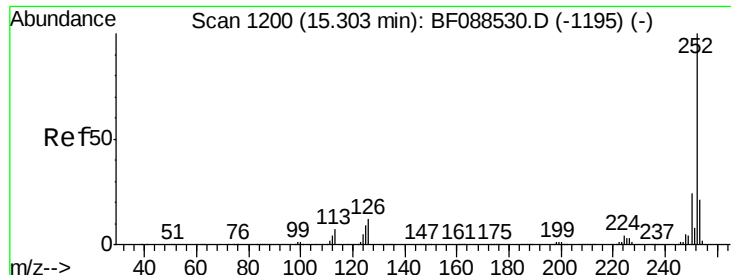
umangi
7/8/2016 6:59:06 AM



#88
Benzo(k)fluoranthene
Concen: 43.28 ng m
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	5.9	11.2	16.8





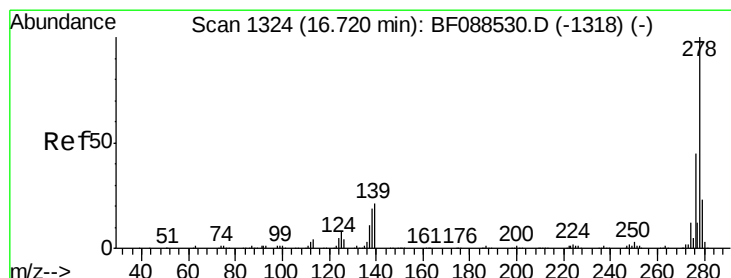
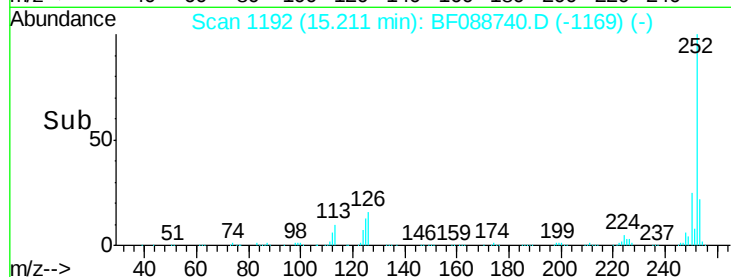
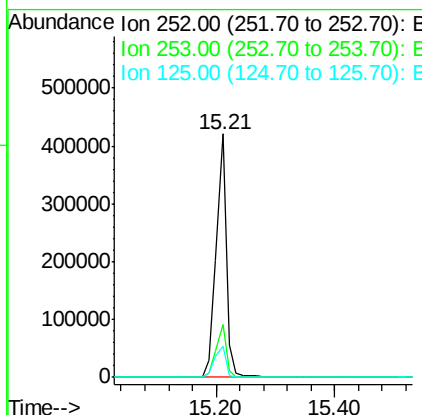
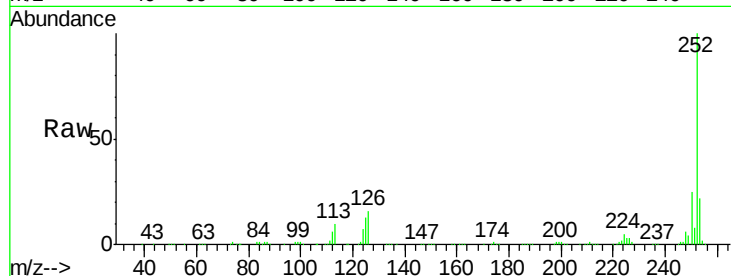
#89
Benzo(a)pyrene
Concen: 40.32 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.7	12.5	18.7

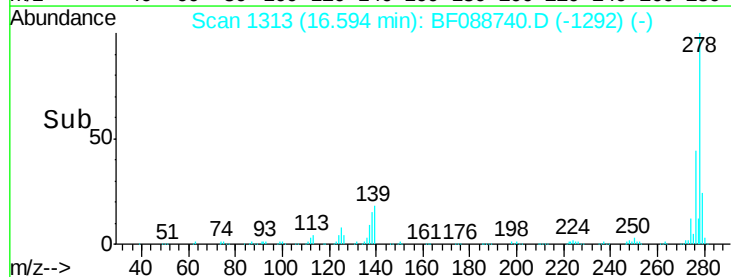
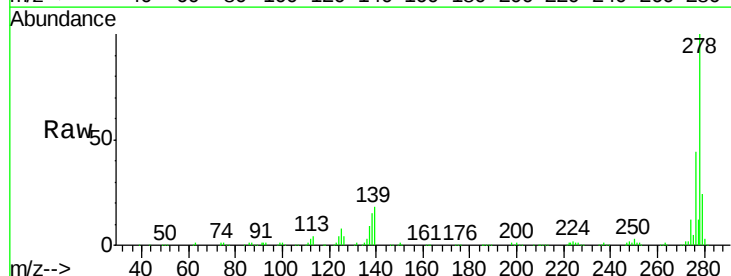
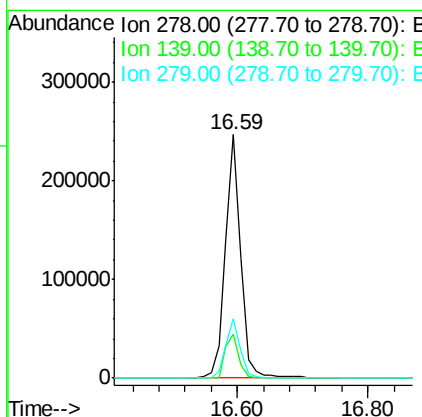
Manual Integrations

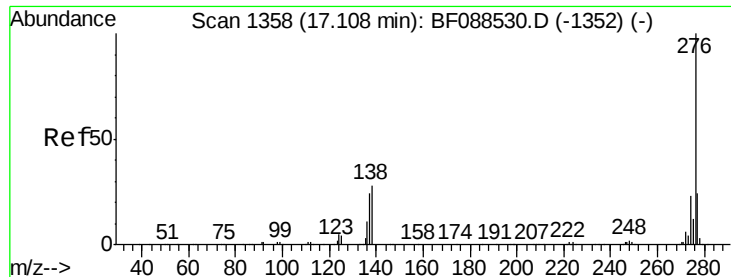
umangi
7/8/2016 6:59:06 AM



#90
Dibenzo(a,h)anthracene
Concen: 38.69 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.06 min
Lab File: BF088740.D
Acq: 6 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.7	23.5
279	24.2	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 37.41 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. -0.07 min
 Lab File: BF088740.D
 Acq: 6 Jul 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	402871
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	25.2	21.4	32.2

Manual Integrations

umangi
 7/8/2016 6:59:06 AM

