

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090811.D
 Acq On : 25 Oct 2016 17:03
 Operator : UM/SJ
 Sample : H5367-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Manual Integrations
 APPROVED

umangi
 10/26/2016 4:45:37 PM

Quant Time: Oct 25 18:25:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	252743	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1066547	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	570292	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	929216	20.00	ng	0.01
75) Chrysene-d12	13.97	240	637780	20.00	ng	0.01
86) Perylene-d12	15.39	264	452516	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	984740	62.84	ng	0.01
7) Phenol-d6	6.44	99	815059	38.40	ng	0.00
23) Nitrobenzene-d5	7.38	82	1753843	90.19	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	798895	176.99	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	2673802	72.78	ng	0.00
78) Terphenyl-d14	12.92	244	2631096	94.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	130774	14.42	ng	# 80
3) Pyridine	3.13	79	293034	13.79	ng	# 74
4) n-Nitrosodimethylamine	3.06	42	119732	16.47	ng	# 75
6) Aniline	6.49	93	737241	30.63	ng	# 88
8) 2-Chlorophenol	6.59	128	699265	37.17	ng	# 98
9) Benzaldehyde	6.34	77	142582	12.28	ng	# 70
10) Phenol	6.45	94	388217	16.27	ng	# 55
11) bis(2-Chloroethyl)ether	6.54	93	868759	43.33	ng	# 85
12) 1,3-Dichlorobenzene	6.74	146	776475	41.09	ng	# 92
13) 1,4-Dichlorobenzene	6.82	146	830619	41.44	ng	# 92
14) 1,2-Dichlorobenzene	6.97	146	732744m	37.34	ng	# 92
15) Benzyl Alcohol	6.94	79	413714	28.69	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1048156	34.91	ng	# 67
17) 2-Methylphenol	7.07	107	475121	33.52	ng	# 83
18) Hexachloroethane	7.31	117	293321	36.05	ng	# 90
19) n-Nitroso-di-n-propylamine	7.23	70	641355	40.57	ng	# 68
20) 3+4-Methylphenols	7.22	107	457868	27.25	ng	# 30
22) Acetophenone	7.22	105	1103060	46.41	ng	# 86
24) Nitrobenzene	7.39	77	845452	40.11	ng	# 69
25) Isophorone	7.63	82	1714555	46.58	ng	# 88
26) 2-Nitrophenol	7.71	139	468406	54.39	ng	# 81
27) 2,4-Dimethylphenol	7.76	122	704640	46.14	ng	# 83
28) bis(2-Chloroethoxy)methane	7.85	93	1041903	51.74	ng	# 94
29) 2,4-Dichlorophenol	7.95	162	601185	47.97	ng	# 90
30) 1,2,4-Trichlorobenzene	8.03	180	698018	47.33	ng	# 95
31) Naphthalene	8.11	128	2209755	42.36	ng	# 96
32) Benzoic acid	7.86	122	139684	18.48	ng	# 73
33) 4-Chloroaniline	8.17	127	666050	34.42	ng	# 90
34) Hexachlorobutadiene	8.24	225	402737	48.57	ng	# 99
35) Caprolactam	8.56	113	34386	9.61	ng	# 98
36) 4-Chloro-3-methylphenol	8.65	107	653194	44.81	ng	# 83
37) 2-Methylnaphthalene	8.81	142	1564733	51.32	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	691153	44.88	ng	# 99
40) Hexachlorocyclopentadiene	8.96	237	710895	98.34	ng	# 96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090811.D
 Acq On : 25 Oct 2016 17:03
 Operator : UM/SJ
 Sample : H5367-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

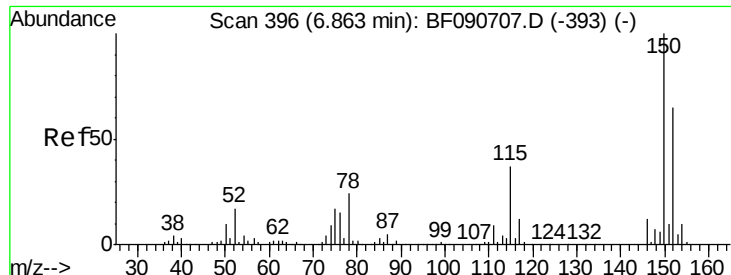
Manual Integrations
 APPROVED

umangi
 10/26/2016 4:45:37 PM

Quant Time: Oct 25 18:25:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	462344	48.41	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	515305	53.17	nq #	94
45) 1,1'-Biphenyl	9.28	154	1955385	43.66	nq	93
46) 2-Chloronaphthalene	9.30	162	1566015	47.04	nq	93
47) 2-Nitroaniline	9.39	65	466769	42.24	nq #	71
48) Acenaphthylene	9.71	152	2189755	43.11	nq	94
49) Dimethylphthalate	9.58	163	1932576	53.93	nq #	98
50) 2,6-Dinitrotoluene	9.64	165	421589	54.71	nq #	78
51) Acenaphthene	9.88	154	1311609	38.90	nq	88
52) 3-Nitroaniline	9.81	138	239350	27.02	nq #	85
53) 2,4-Dinitrophenol	9.92	184	412949	88.63	nq #	66
54) Dibenzofuran	10.05	168	1883402	46.11	nq #	83
55) 4-Nitrophenol	9.97	139	184848	37.38	nq #	53
56) 2,4-Dinitrotoluene	10.04	165	484977	51.49	nq #	72
57) Fluorene	10.40	166	1469764	43.42	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.18	232	416757m	54.80	nq	
59) Diethylphthalate	10.28	149	1873098	50.40	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	739238	47.79	nq #	81
61) 4-Nitroaniline	10.43	138	397453	44.30	nq #	56
62) Azobenzene	10.54	77	1899608	43.65	nq	84
64) 4,6-Dinitro-2-methylphenol	10.45	198	266399	45.18	nq	89
65) n-Nitrosodiphenylamine	10.51	169	1364031	45.82	nq	89
66) 4-Bromophenyl-phenylether	10.88	248	469010	52.07	nq	93
67) Hexachlorobenzene	10.94	284	571718	53.78	nq #	87
68) Atrazine	11.05	200	416982	50.75	nq	84
69) Pentachlorophenol	11.14	266	584482	85.04	nq	98
70) Phenanthrene	11.36	178	2100792m	44.35	nq	
71) Anthracene	11.41	178	2496238	47.52	nq	95
72) Carbazole	11.56	167	1990492	45.32	nq #	93
73) Di-n-butylphthalate	11.90	149	2715385	47.67	nq #	98
74) Fluoranthene	12.54	202	2303669	50.28	nq	90
76) Benzidine	12.67	184	223455	15.78	nq	98
77) Pyrene	12.77	202	2263756	50.82	nq #	94
79) Butylbenzylphthalate	13.40	149	1116009	54.51	nq #	88
80) Benzo(a)anthracene	13.96	228	1524540	43.68	nq	96
81) 3,3'-Dichlorobenzidine	13.93	252	463514	38.32	nq #	94
82) Chrysene	14.00	228	1557327m	45.72	nq	
83) Bis(2-ethylhexyl)phthalate	13.96	149	1426122	48.68	nq	98
84) Di-n-octyl phthalate	14.57	149	2202116	49.53	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.77	276	1426522	48.00	nq #	95
87) Benzo(b)fluoranthene	14.99	252	1590852m	57.17	nq	
88) Benzo(k)fluoranthene	15.01	252	1221886m	43.70	nq	
89) Benzo(a)pyrene	15.33	252	1327213	50.84	nq #	88
90) Dibenzo(a,h)anthracene	16.79	278	1235384	49.29	nq #	83
91) Benzo(g,h,i)perylene	17.19	276	1133381	46.62	nq #	81

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



#1

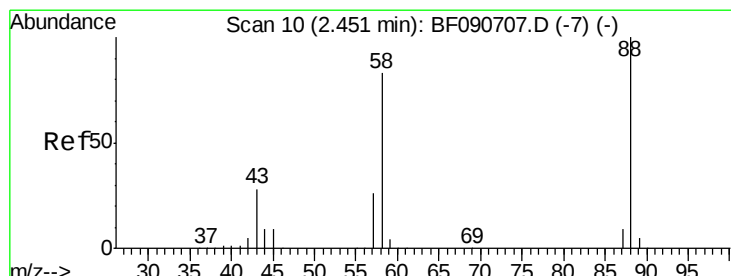
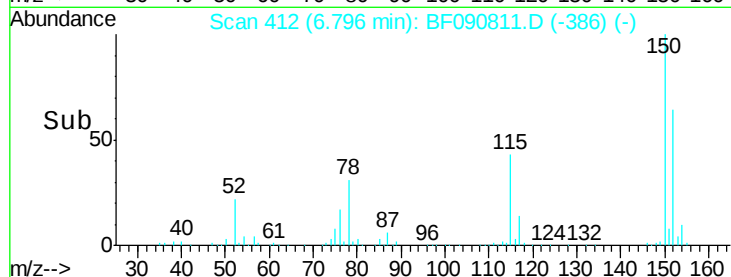
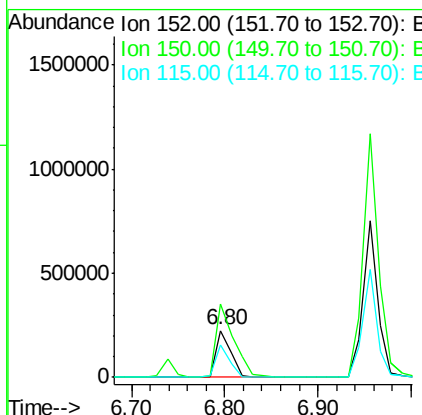
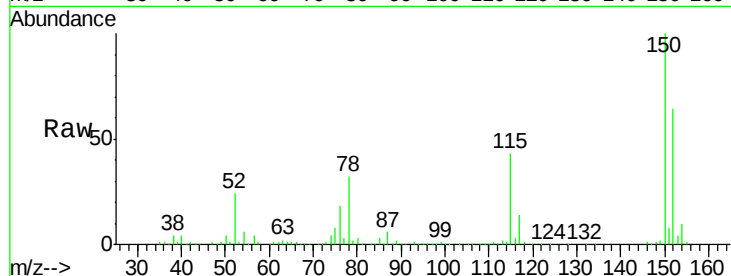
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	67.9	39.0	58.4

Manual Integrations
APPROVED

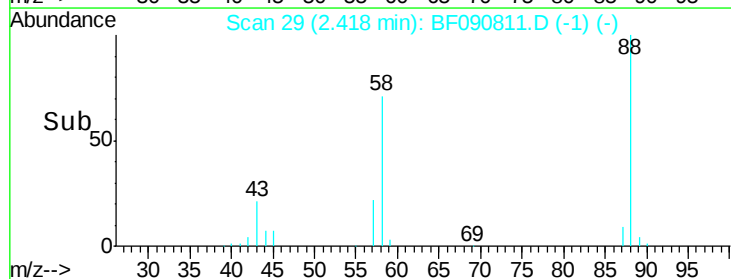
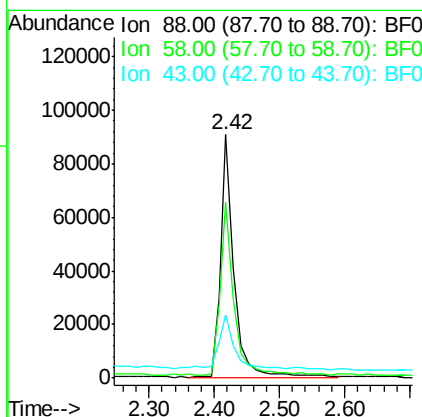
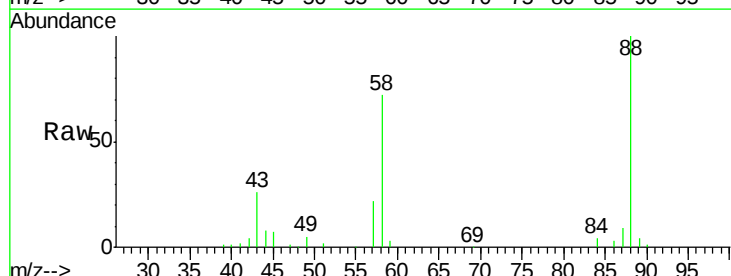
umangi
10/26/2016 4:45:37 PM

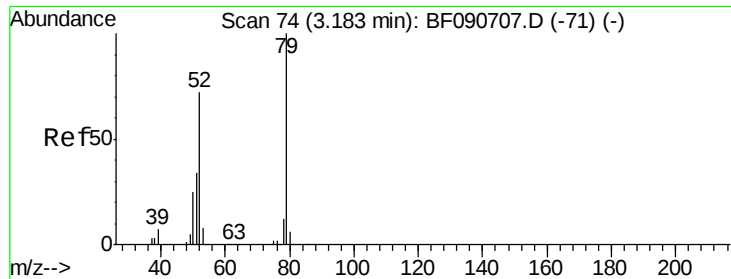


#2

1,4-Dioxane
Concen: 14.42 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.07 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	77.7	116.5
43	29.2	26.6	40.0





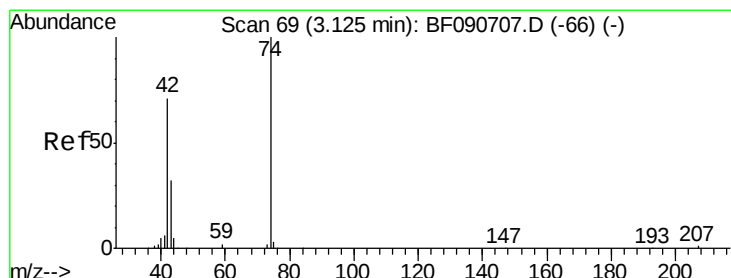
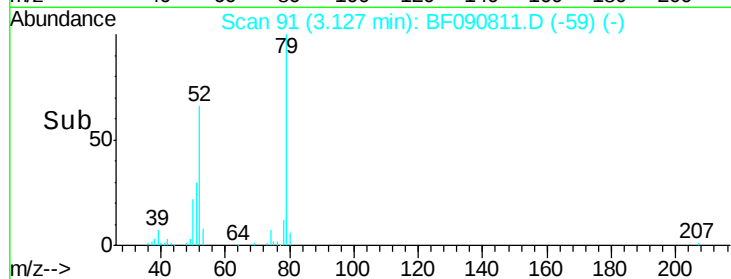
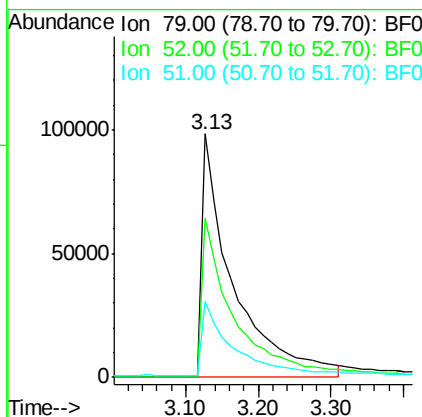
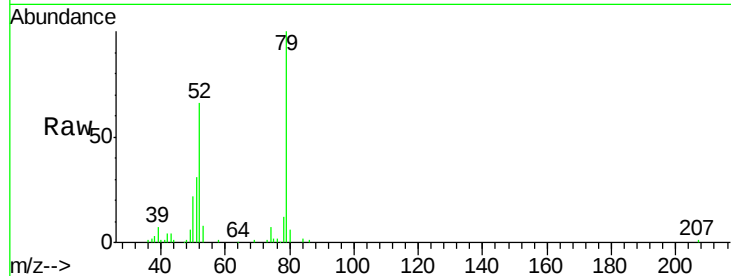
#3
 Pvridine
 Concen: 13.79 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.07 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.6	76.8	115.2#
51	30.9	32.2	48.4#

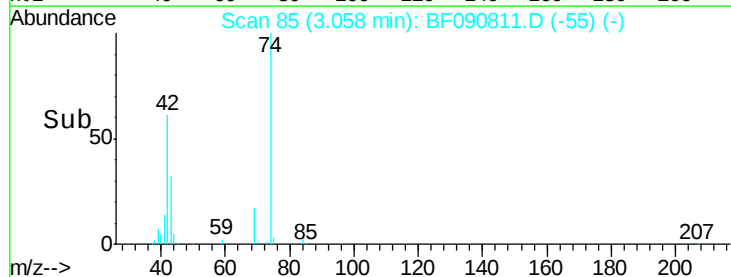
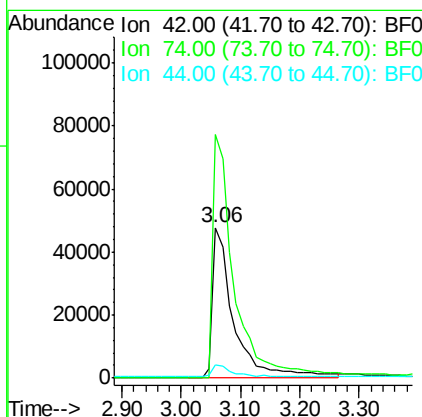
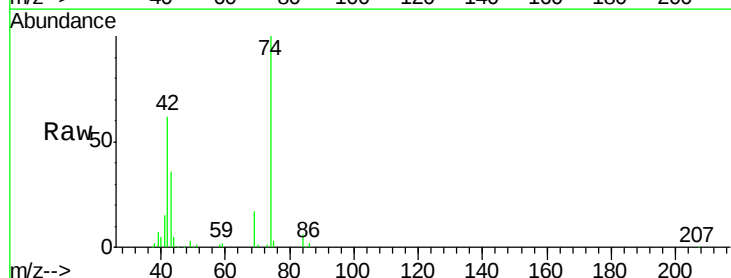
Manual Integrations
 APPROVED

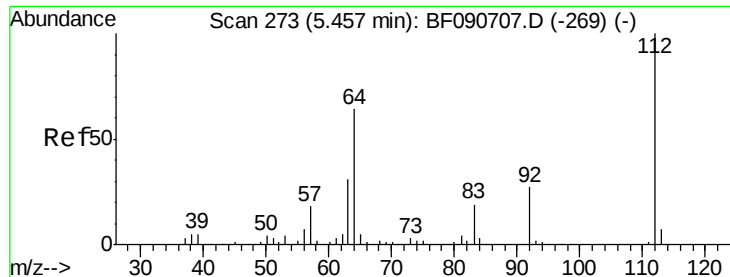
umangi
 10/26/2016 4:45:37 PM



#4
 n-Nitrosodimethylamine
 Concen: 16.47 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.05 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	162.0	105.0	157.6#
44	8.5	6.6	10.0





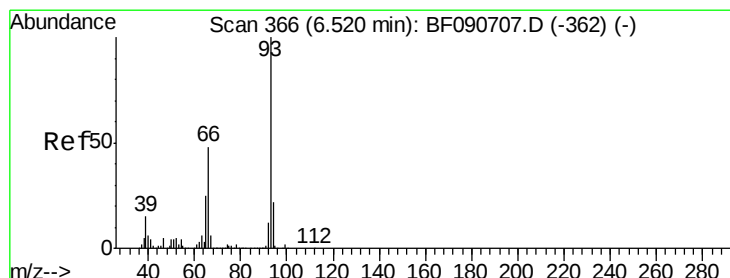
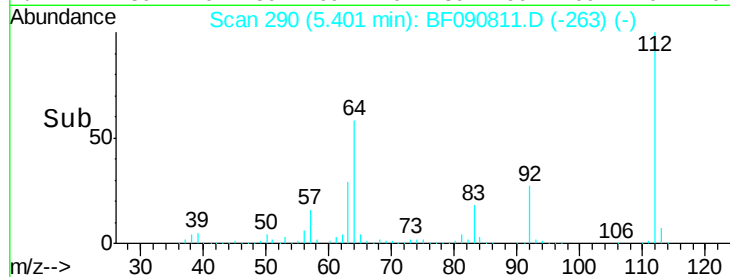
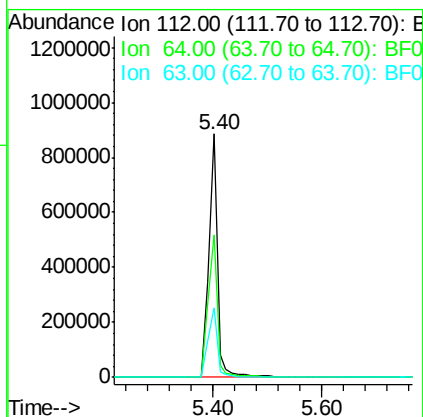
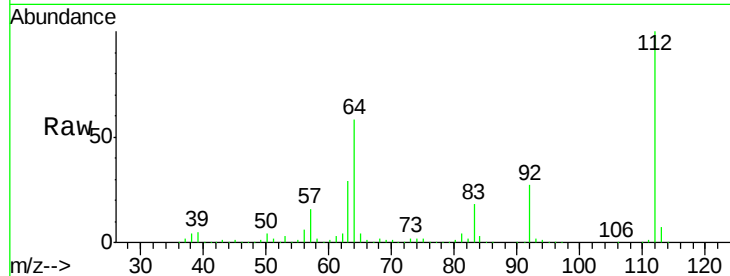
#5
 2-Fluorophenol
 Concen: 62.84 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	58.3	39.7	59.5
63	28.6	17.4	26.0

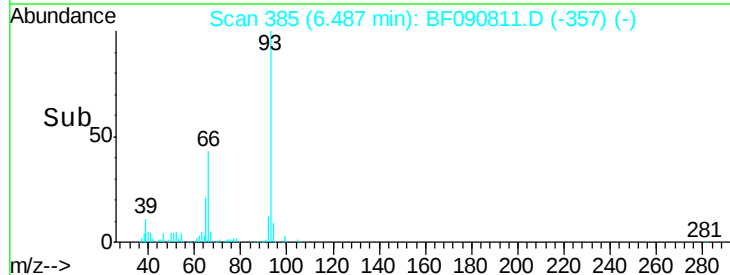
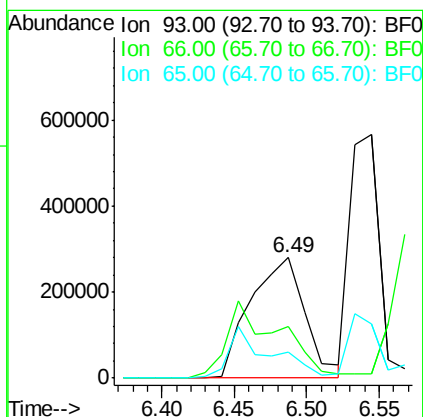
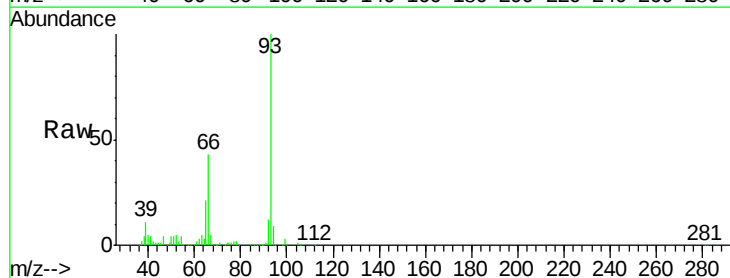
Manual Integrations
 APPROVED

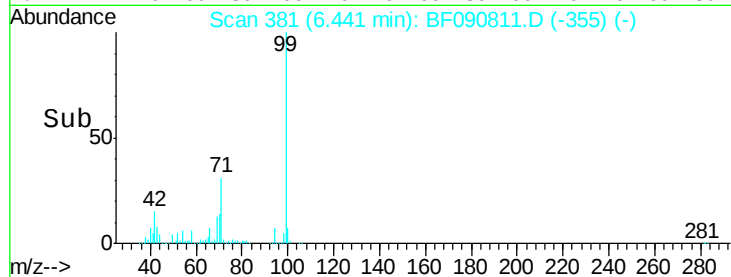
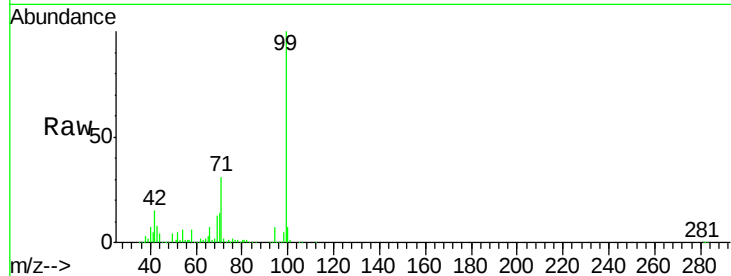
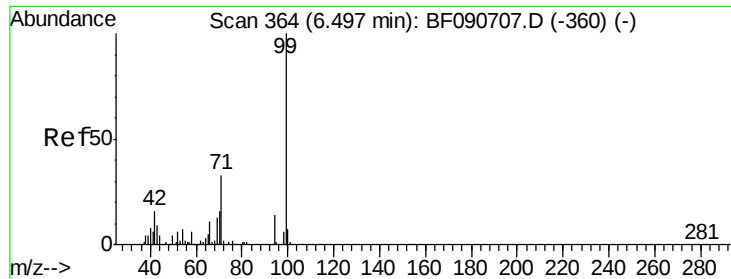
umangi
 10/26/2016 4:45:37 PM



#6
 Aniline
 Concen: 30.63 ng
 RT: 6.49 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	42.8	27.2	40.8
65	21.2	14.7	22.1





#7

Phenol-d6

Concen: 38.40 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion: 99 Resp: 815059

Ion Ratio Lower Upper

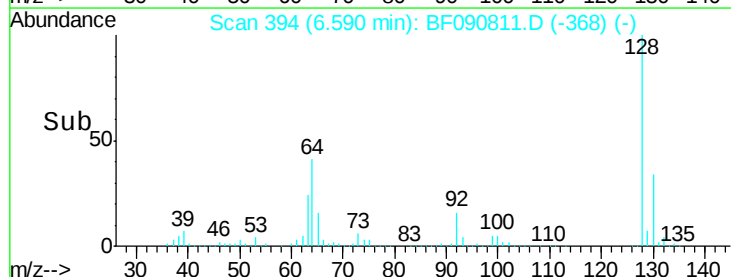
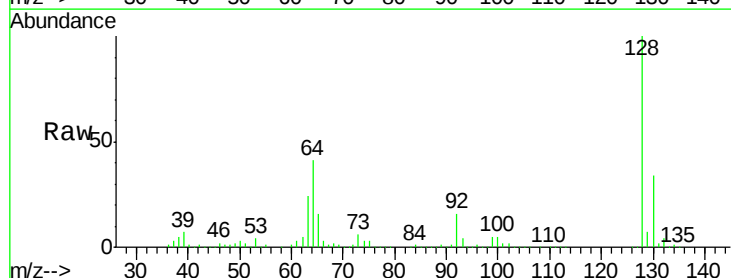
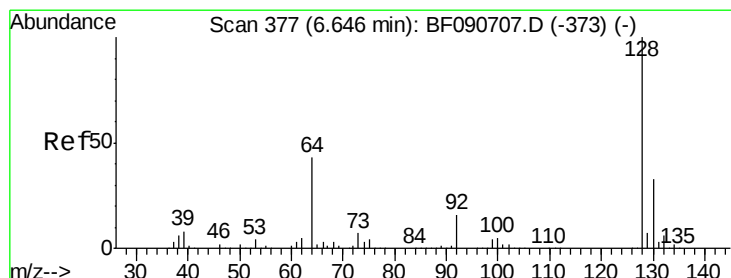
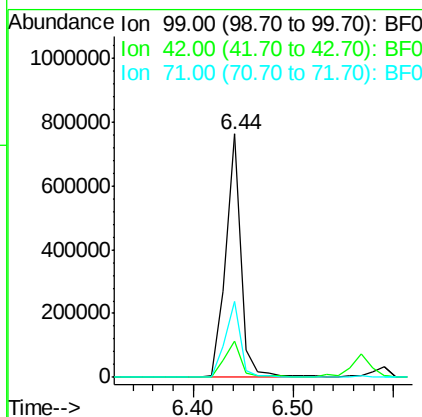
99 100

42 14.8 13.7 20.5

71 31.4 14.2 21.2#

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#8

2-Chlorophenol

Concen: 37.17 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

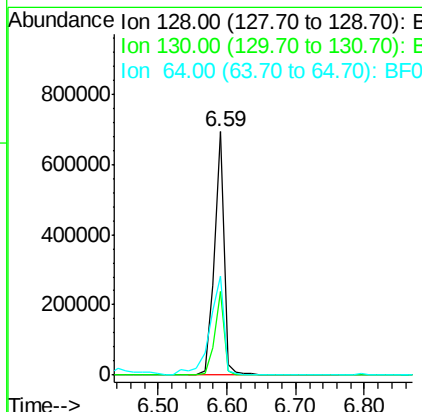
Tgt Ion: 128 Resp: 699265

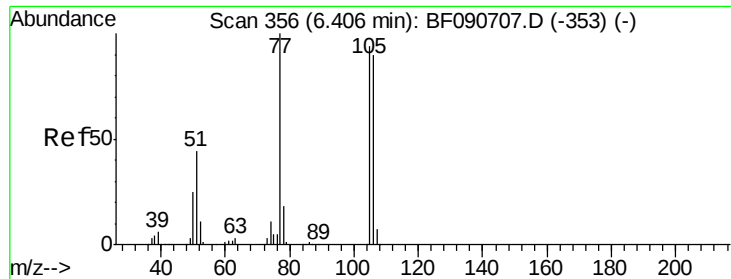
Ion Ratio Lower Upper

128 100

130 34.3 12.2 52.2

64 40.7 20.5 60.5





#9

Benzaldehyde

Concen: 12.28 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

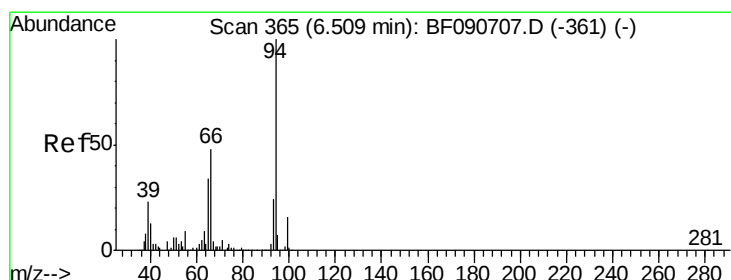
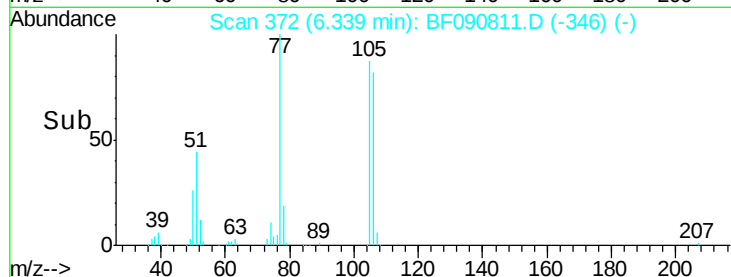
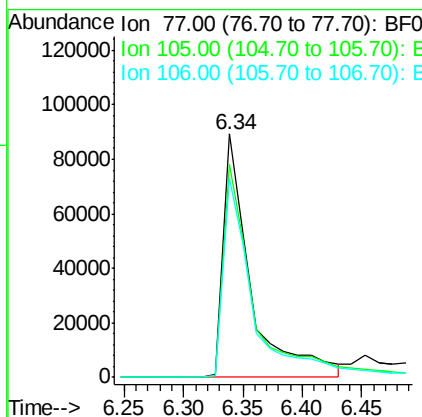
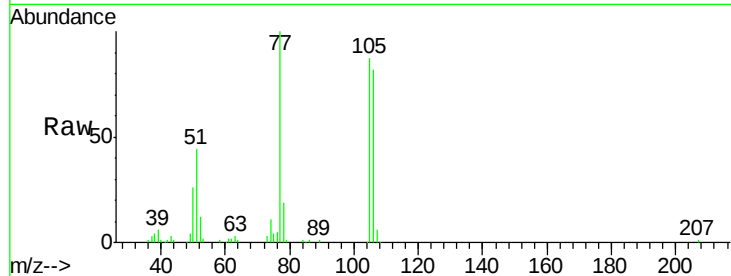
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	87.3	91.6	131.6#		
106	81.6	102.6	142.6#		

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#10

Phenol

Concen: 16.27 ng

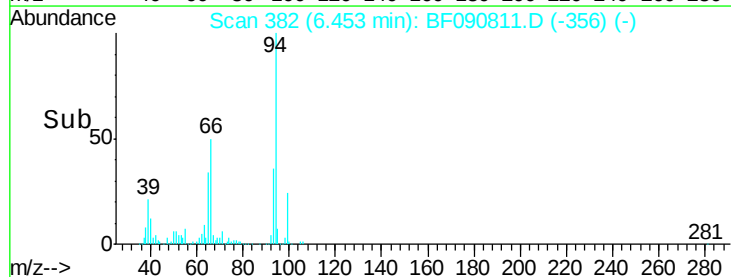
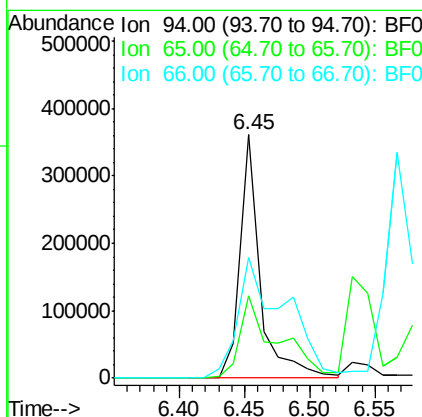
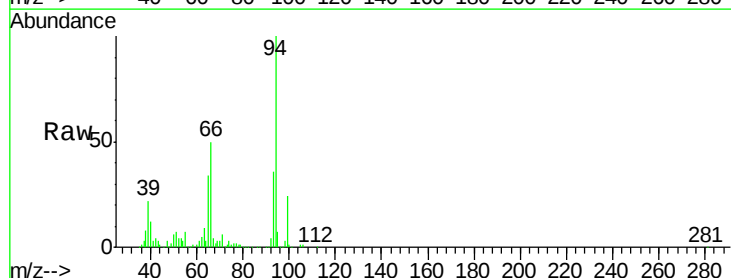
RT: 6.45 min Scan# 382

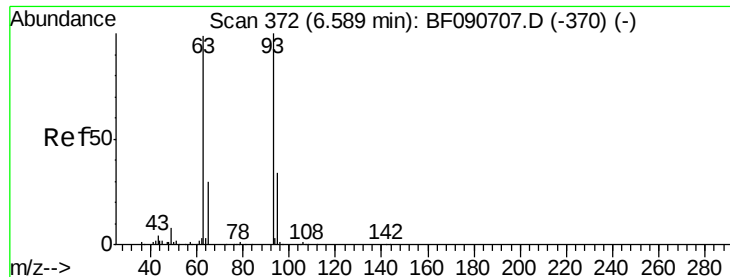
Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.6	0.7	40.7		
66	49.7	0.8	40.8#		





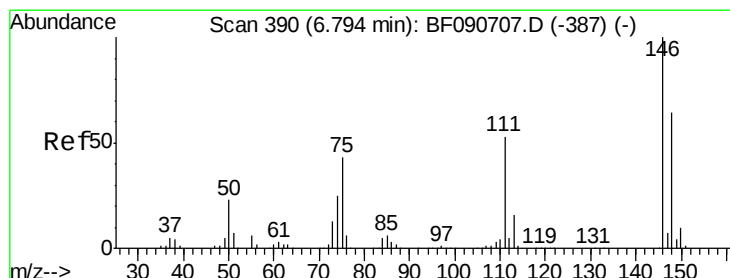
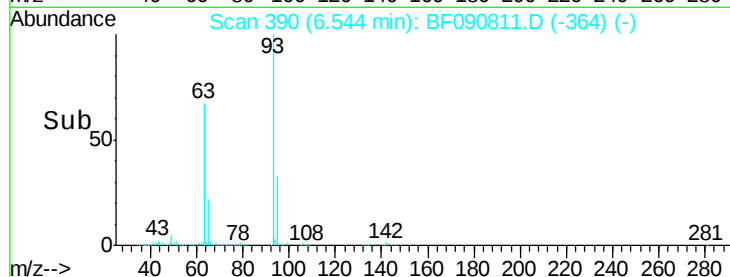
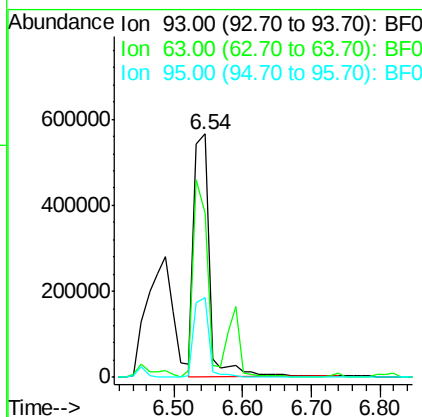
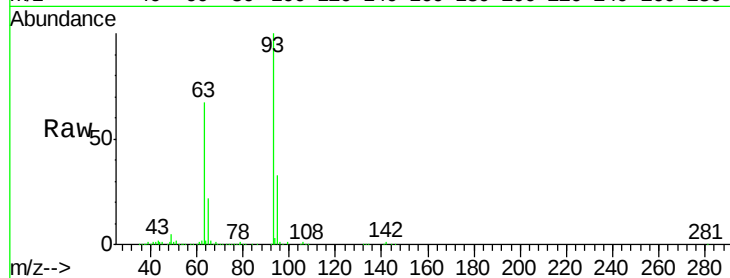
#11
bis(2-Chloroethyl)ether
Concen: 43.33 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.5	65.6	105.6
95	33.0	13.6	53.6

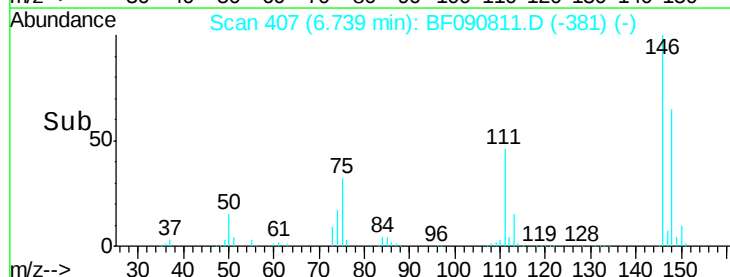
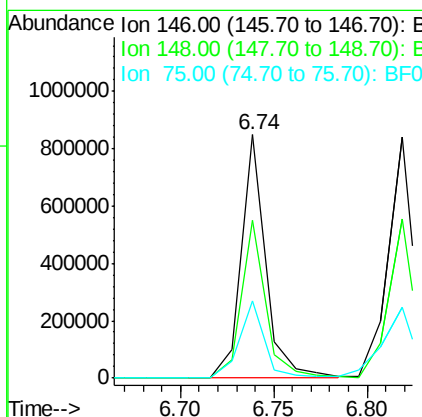
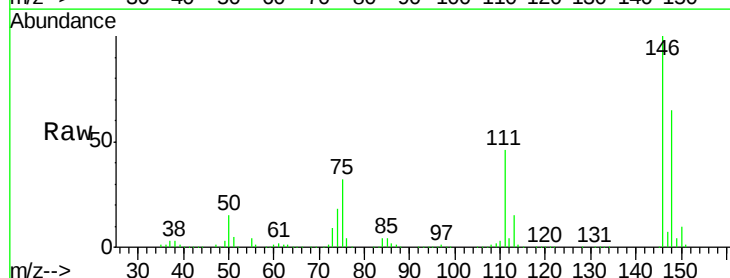
Manual Integrations
APPROVED

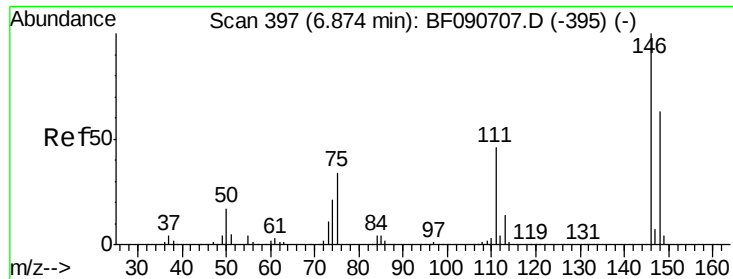
umangi
10/26/2016 4:45:37 PM



#12
1,3-Dichlorobenzene
Concen: 41.09 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.4
75	31.7	15.0	22.6#





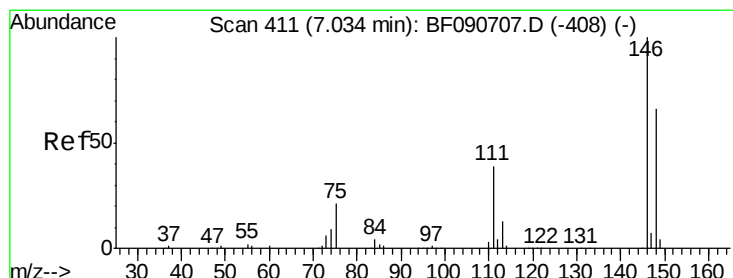
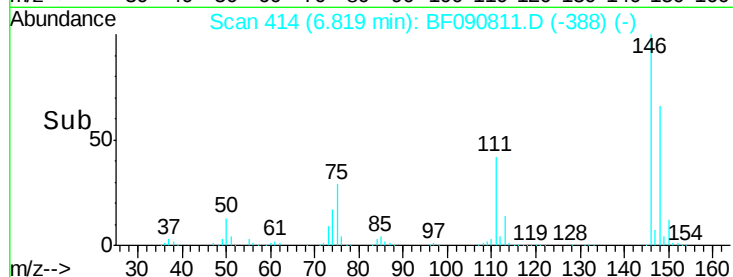
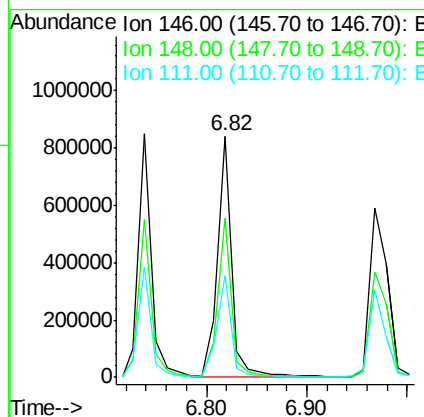
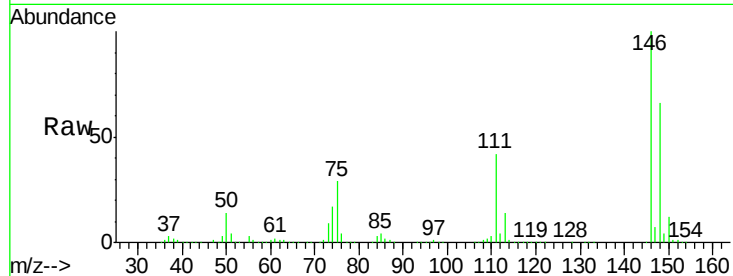
#13
 1,4-Dichlorobenzene
 Concen: 41.44 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.6
111	42.2	24.9	37.3

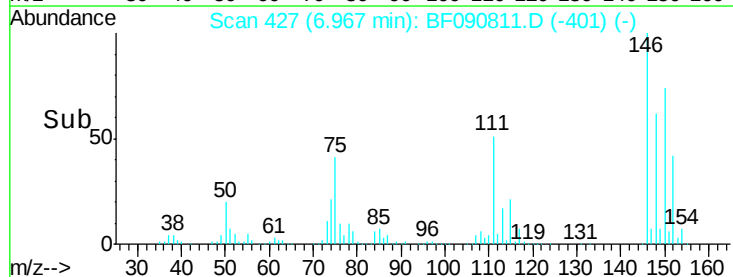
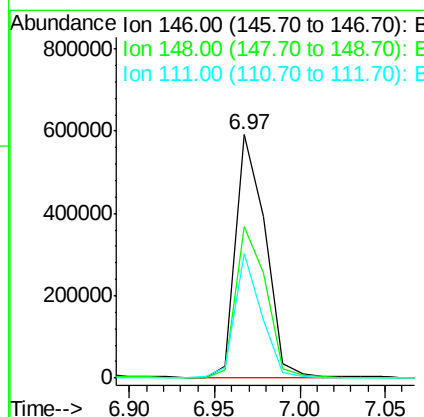
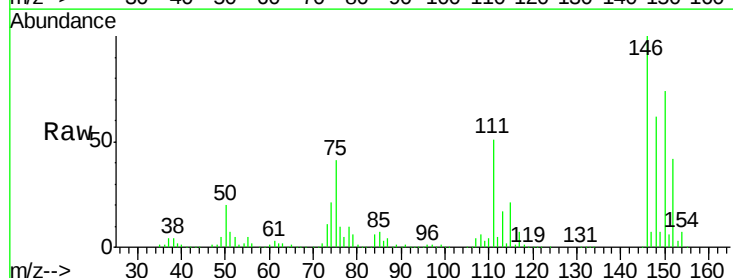
Manual Integrations
 APPROVED

umangi
 10/26/2016 4:45:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng m
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.7	79.1
111	51.3	28.8	43.2





#15

Benzyl Alcohol

Concen: 28.69 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion: 79 Resp: 413714

Ion Ratio Lower Upper

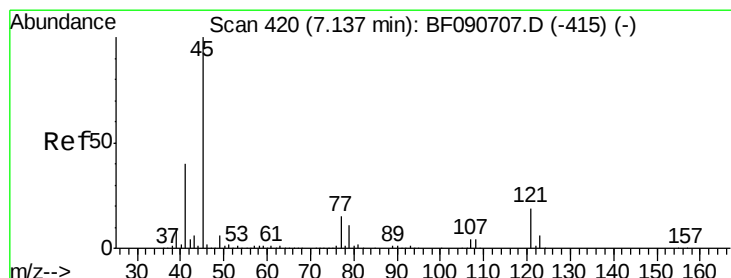
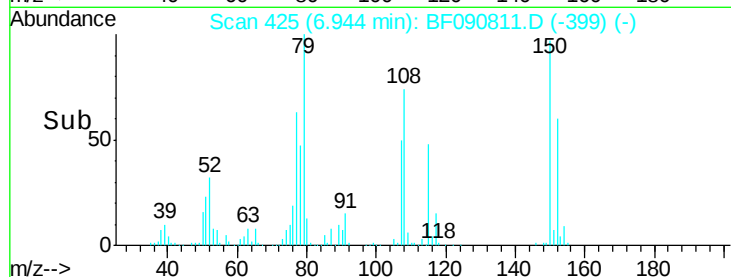
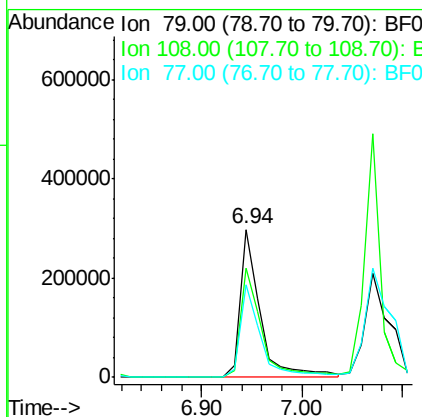
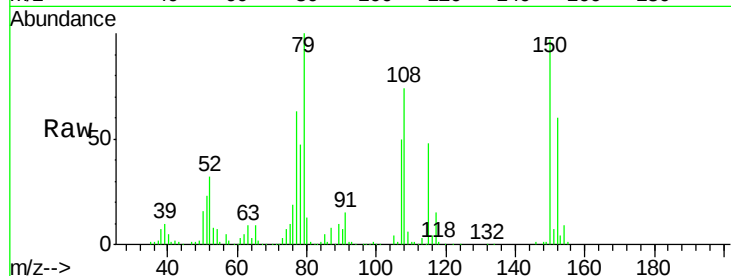
79 100

108 74.1 88.6 132.8#

77 63.1 47.0 70.4

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.91 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

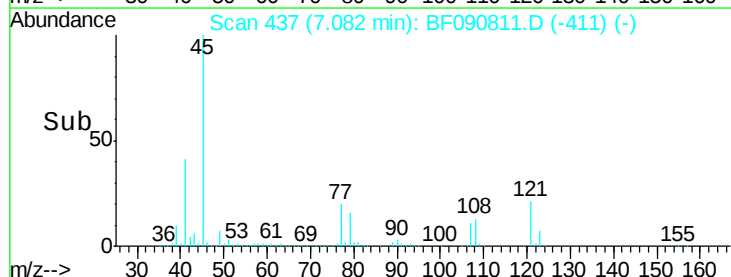
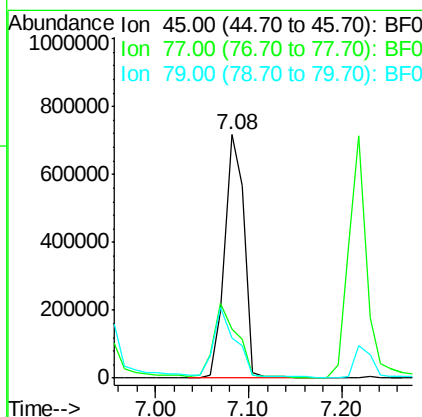
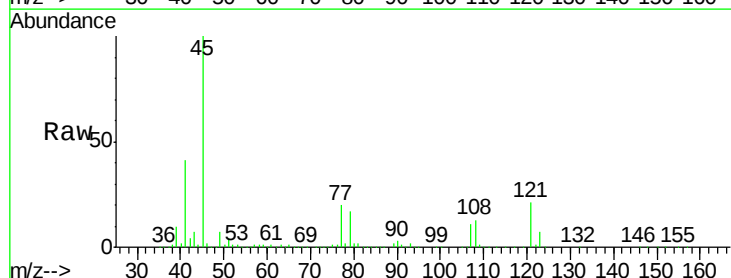
Tgt Ion: 45 Resp: 1048156

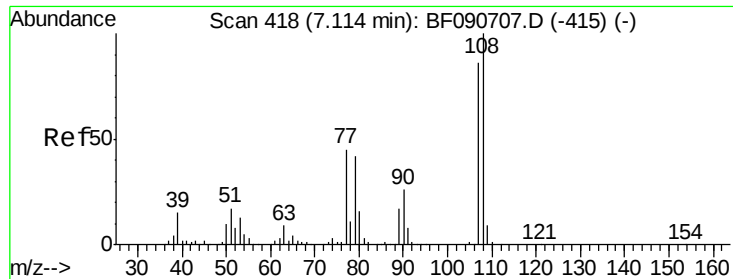
Ion Ratio Lower Upper

45 100

77 20.0 0.0 28.1

79 16.5 0.0 26.0





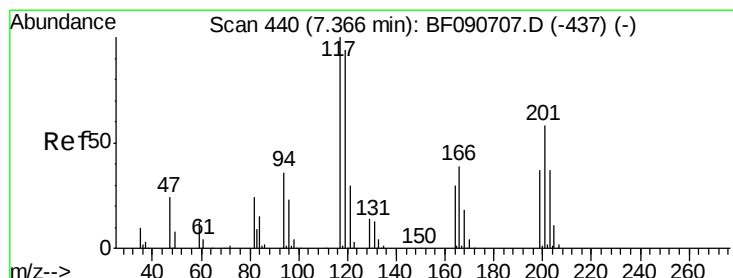
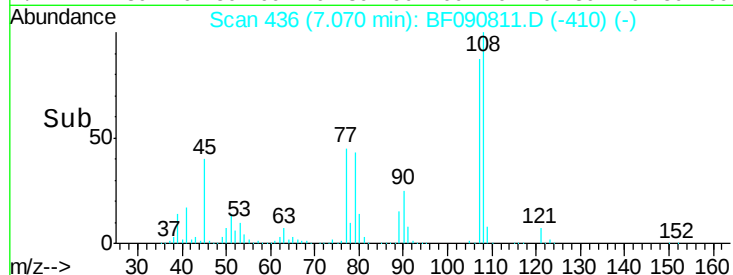
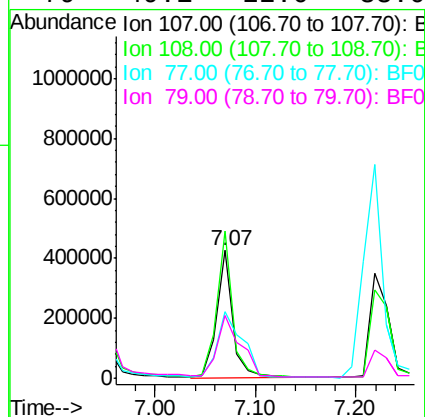
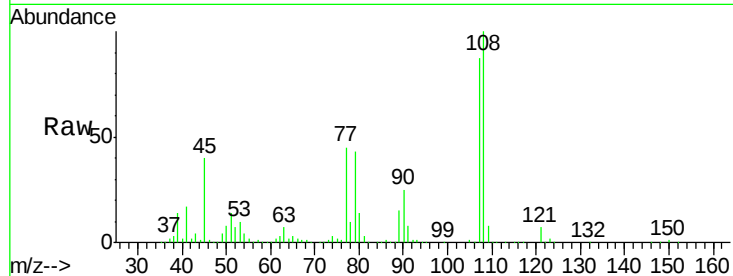
#17
2-Methylphenol
Concen: 33.52 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	96.6	145.0	
77	51.8	23.3	34.9	
79	49.1	22.0	33.0	

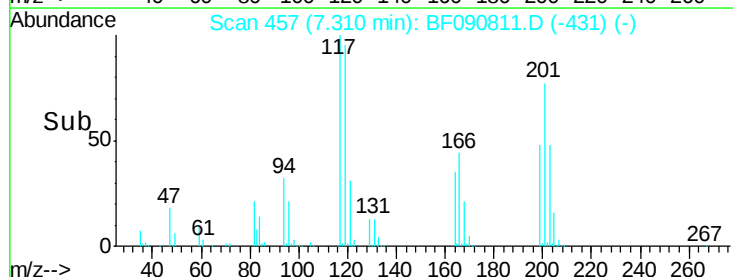
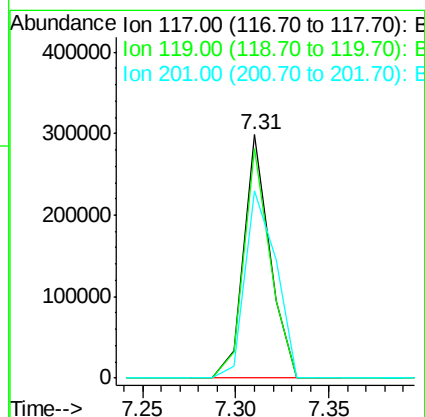
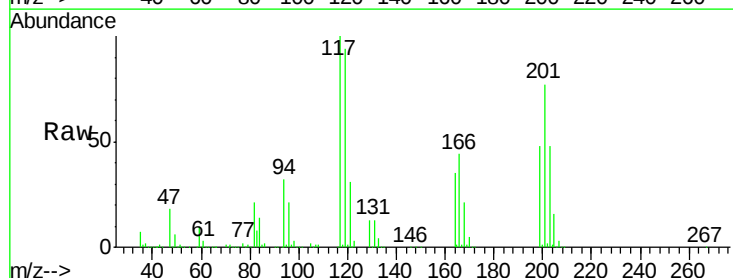
Manual Integrations
APPROVED

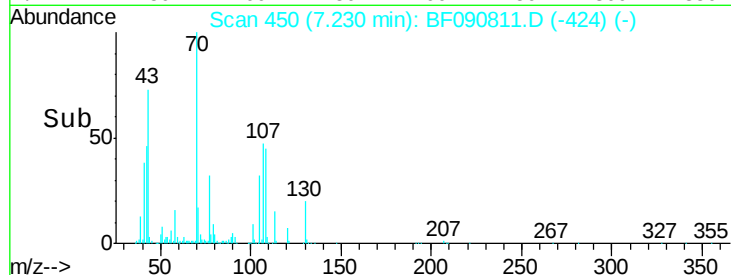
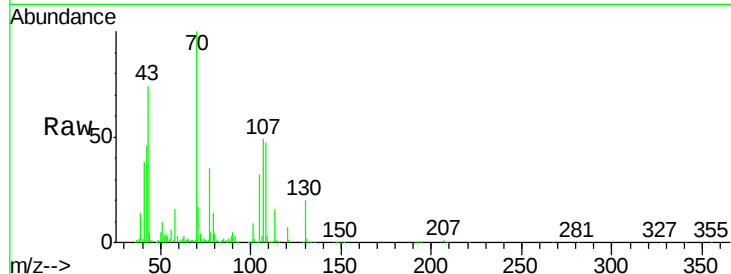
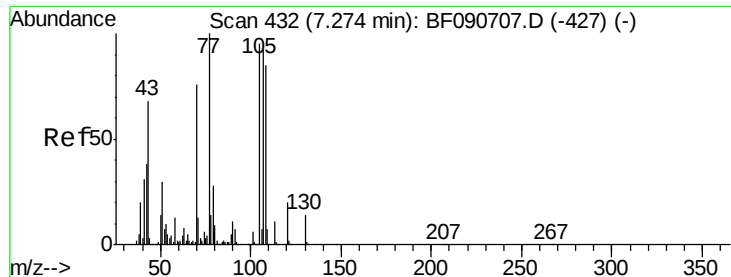
umangi
10/26/2016 4:45:37 PM



#18
Hexachloroethane
Concen: 36.05 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	83.8	125.6	
201	77.0	55.1	82.7	





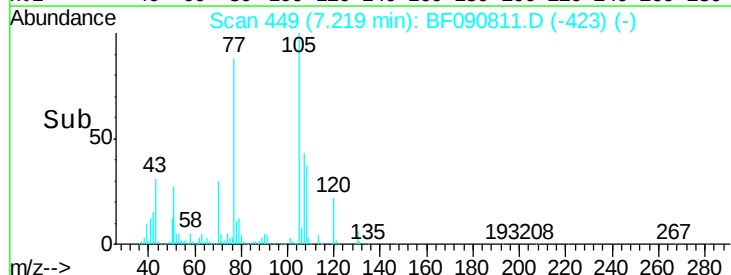
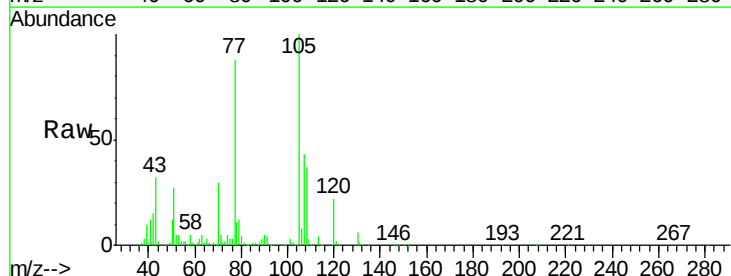
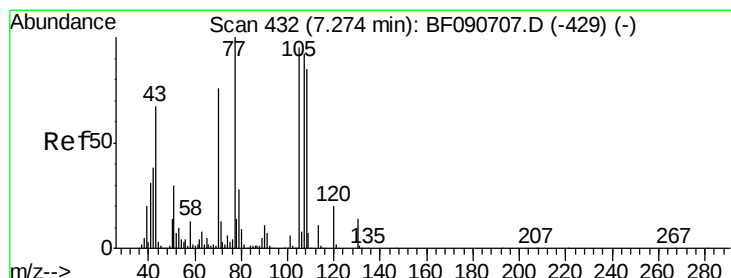
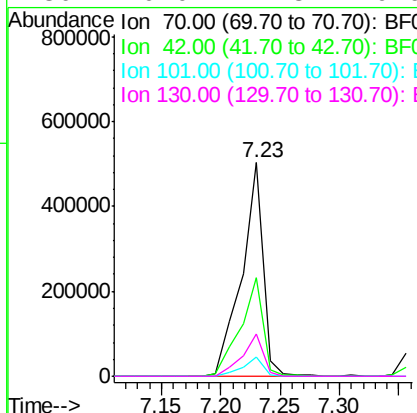
#19
n-Nitroso-di-n-propylamine
Concen: 40.57 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	63.8	95.6#
101	9.3	9.2	13.8
130	20.0	27.3	40.9#

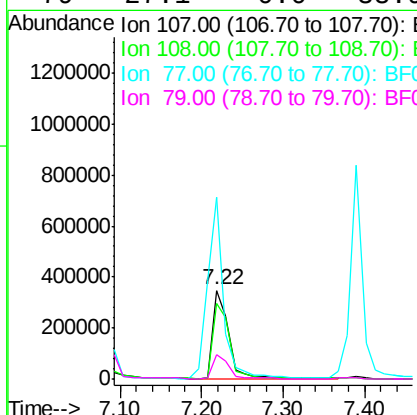
Manual Integrations
APPROVED

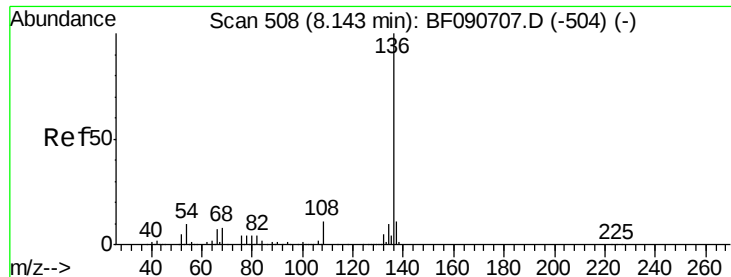
umangi
10/26/2016 4:45:37 PM



#20
3+4-Methylphenols
Concen: 27.25 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	74.6	114.6
77	204.2	0.7	40.7#
79	27.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

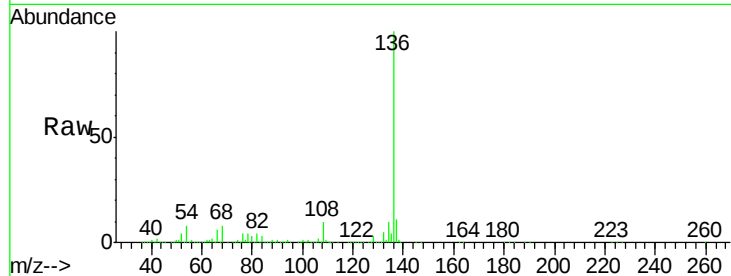
ClientSampleId :

MW-01S-101916MS

Tot Ion	136	Resp	1066547
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.4	8.2	12.2
68	7.7	5.8	8.6

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



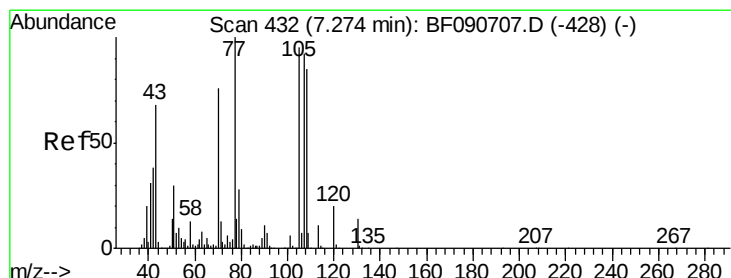
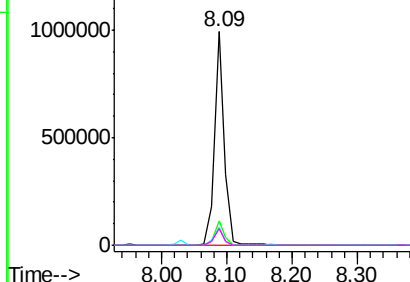
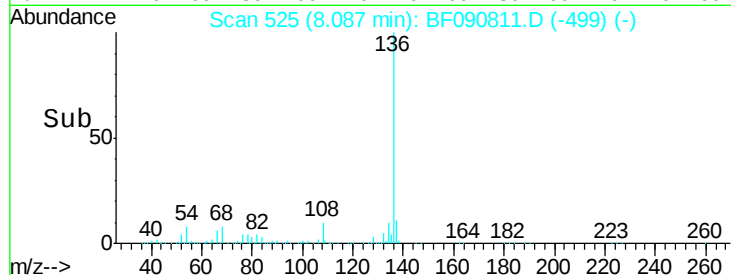
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.41 ng

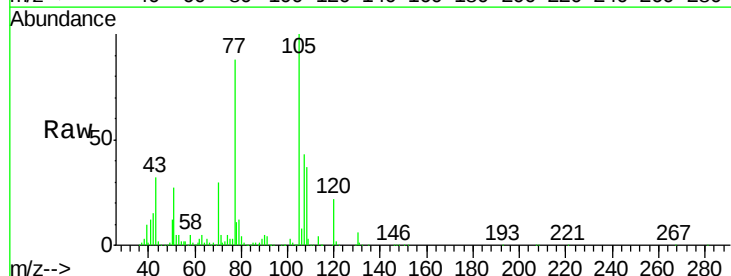
RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Tgt Ion	105	Resp	1103060
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.7	7.1
51	26.9	22.0	33.0
120	22.4	30.1	45.1#



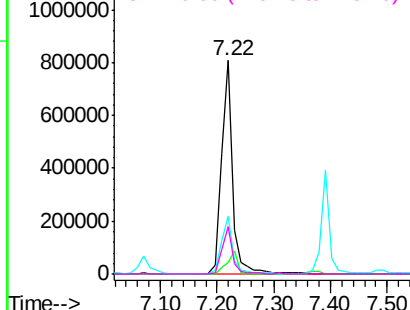
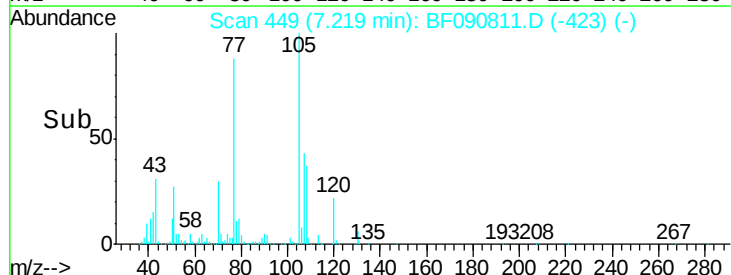
Abundance

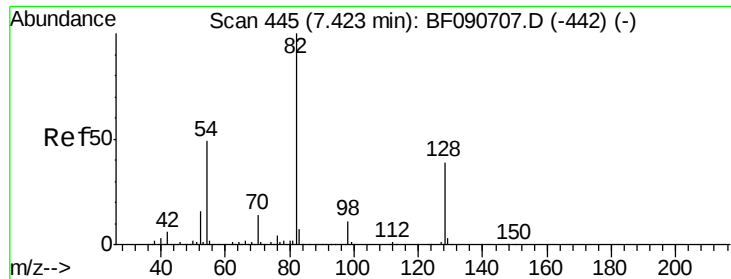
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





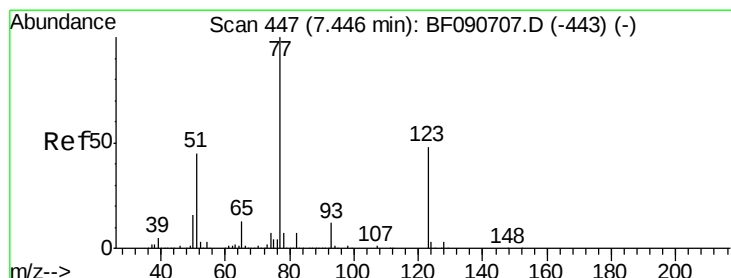
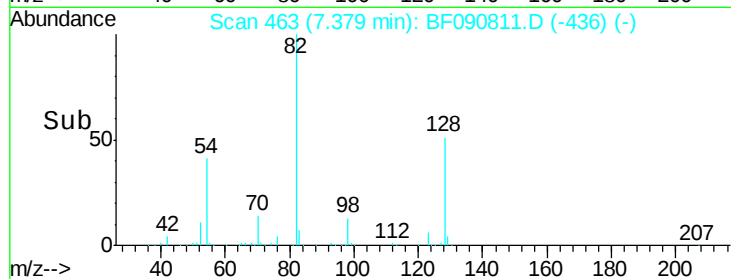
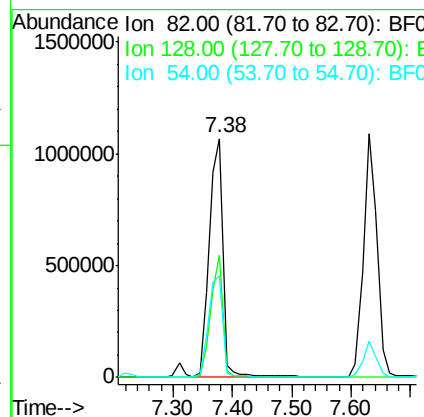
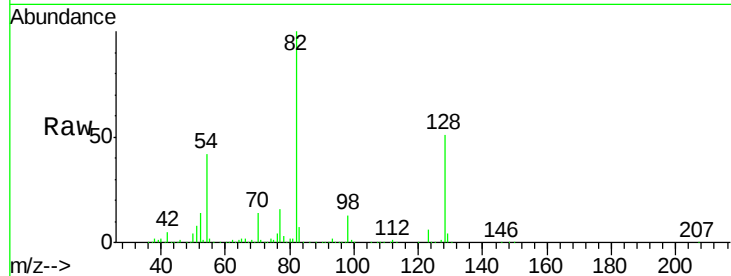
#23
Nitrobenzene-d5
Concen: 90.19 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	51.0	76.6
54	42.4	47.5	71.3#

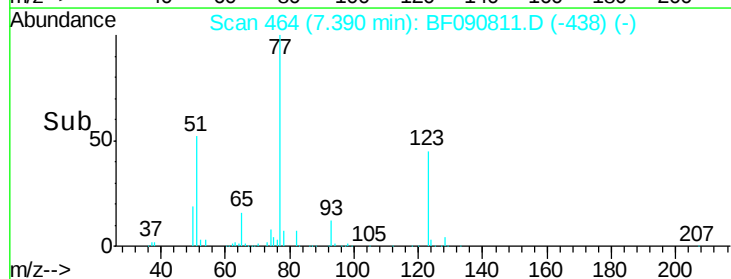
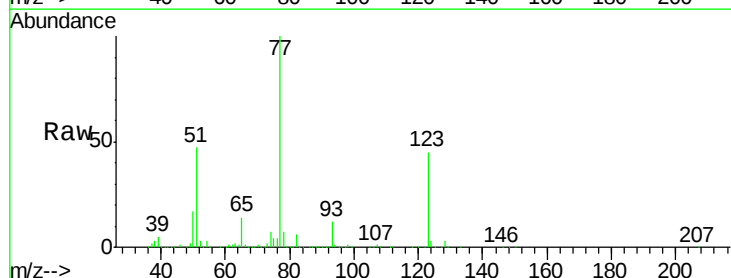
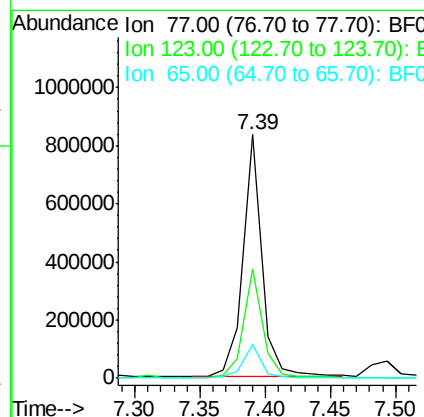
Manual Integrations
APPROVED

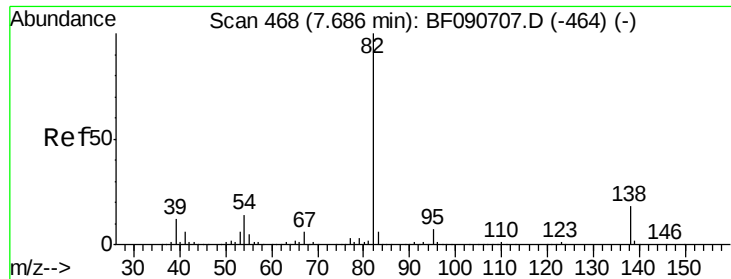
umangi
10/26/2016 4:45:37 PM



#24
Nitrobenzene
Concen: 40.11 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	59.8	89.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 46.58 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion: 82 Resp: 1714555

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

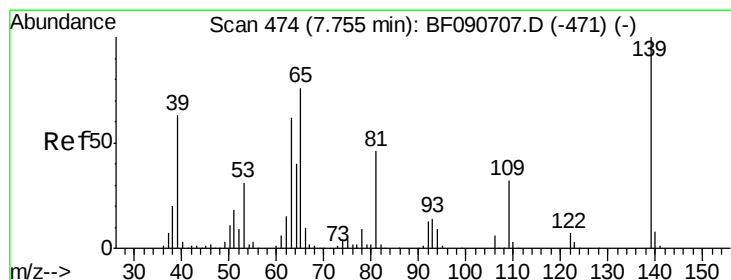
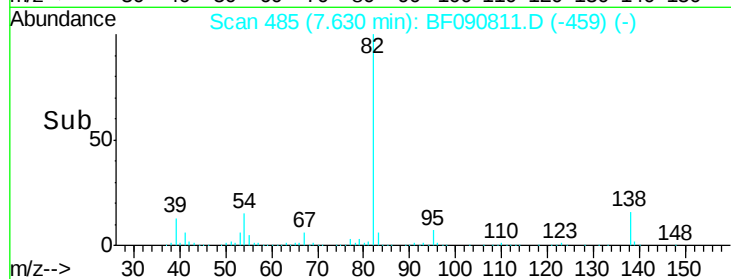
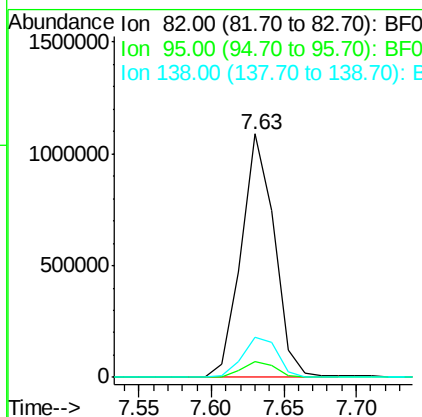
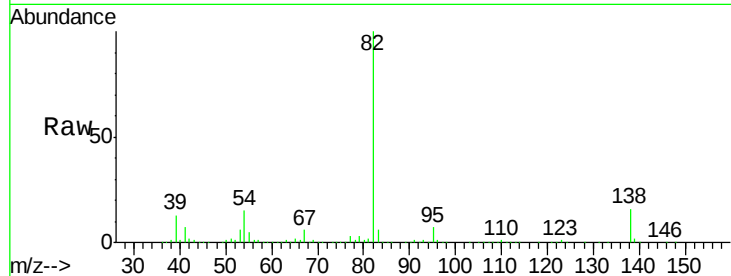
138 16.4 18.3 27.5#

Manual Integrations

APPROVED

umangi

10/26/2016 4:45:37 PM



#26

2-Nitrophenol

Concen: 54.39 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

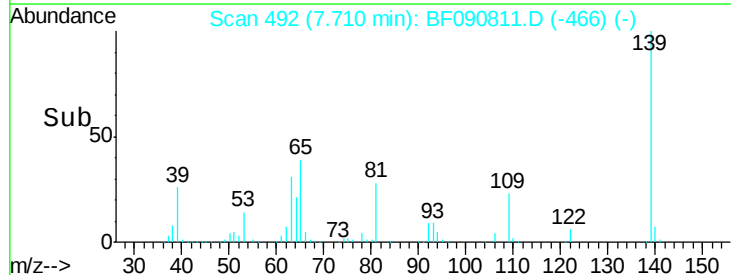
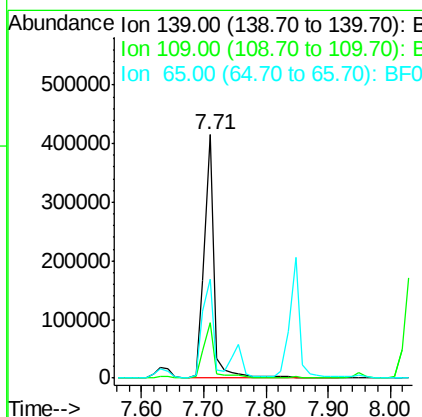
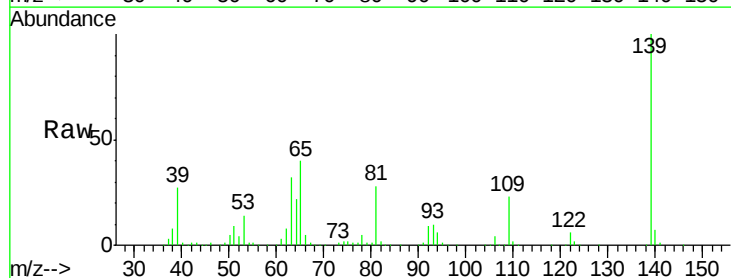
Tgt Ion: 139 Resp: 468406

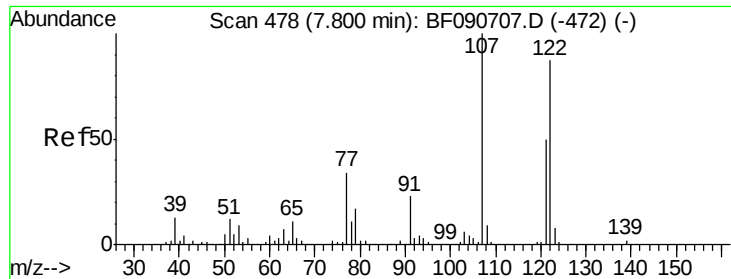
Ion Ratio Lower Upper

139 100

109 22.9 11.0 16.4#

65 40.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 46.14 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

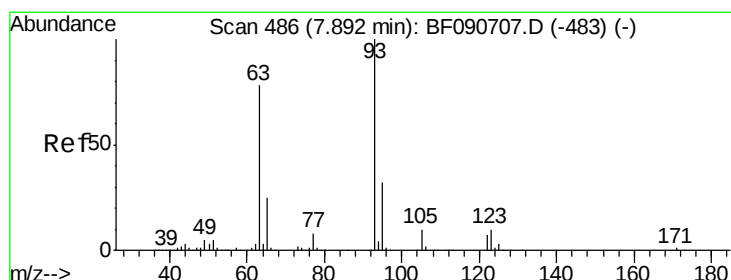
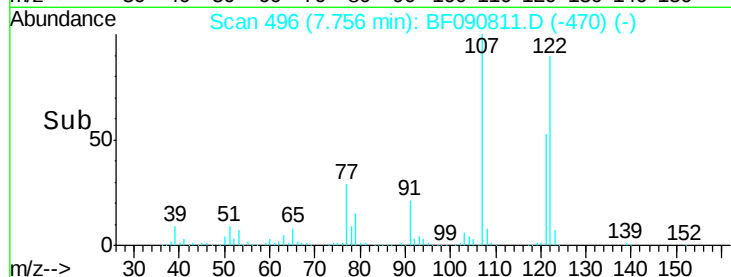
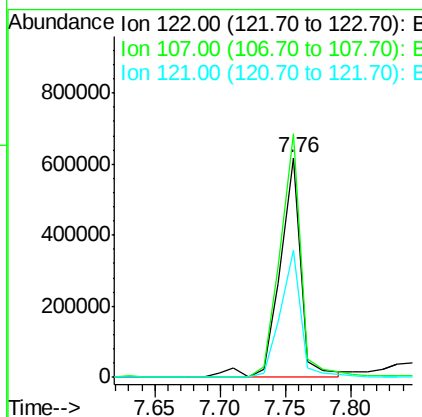
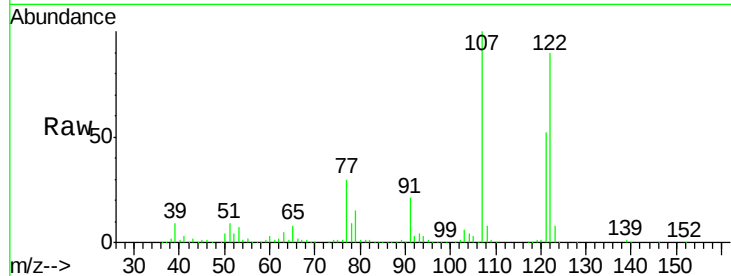
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	71.8	107.6#
121	58.1	42.3	63.5

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#28

bis(2-Chloroethoxy)methane

Concen: 51.74 ng

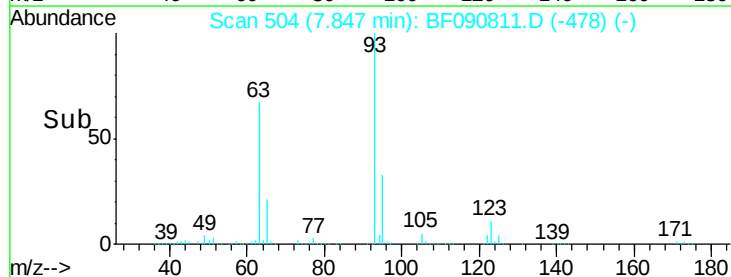
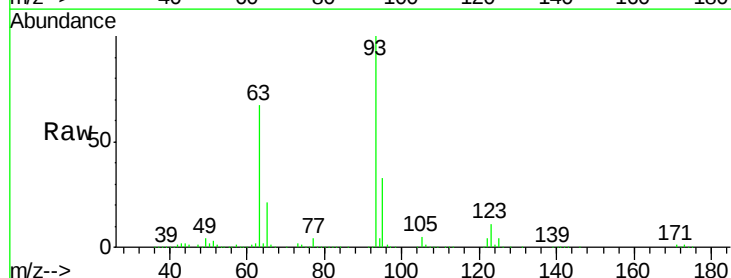
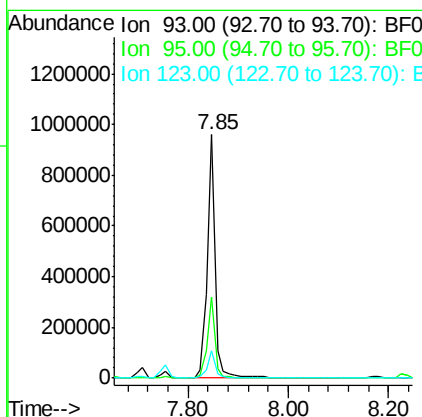
RT: 7.85 min Scan# 504

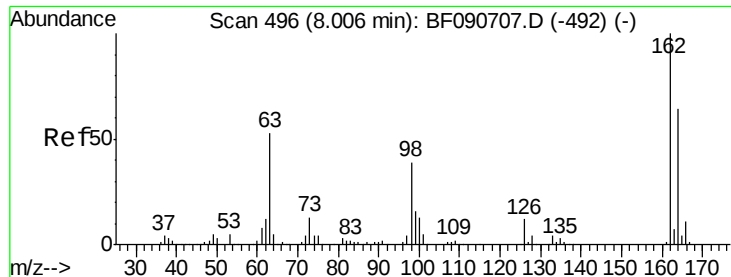
Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.5	41.3
123	11.3	13.7	20.5#





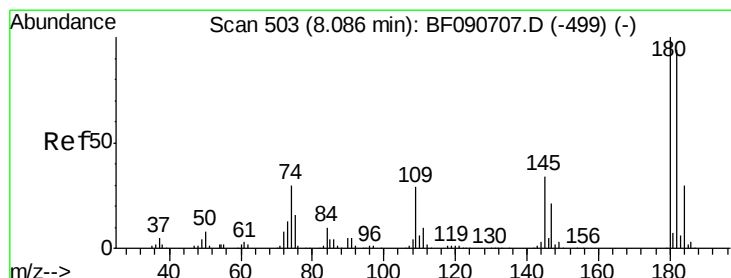
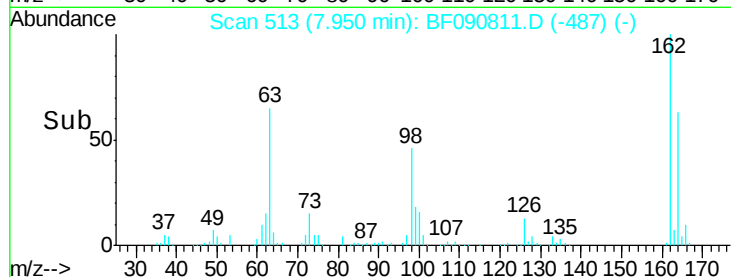
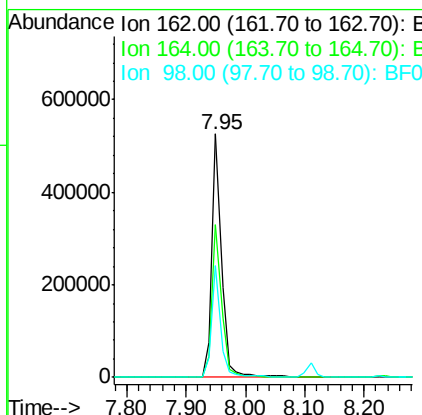
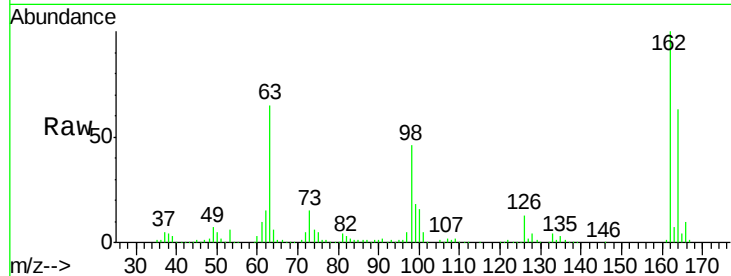
#29
 2,4-Dichlorophenol
 Concen: 47.97 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	601185		
164	62.6	44.9	84.9	
98	45.8	13.0	53.0	

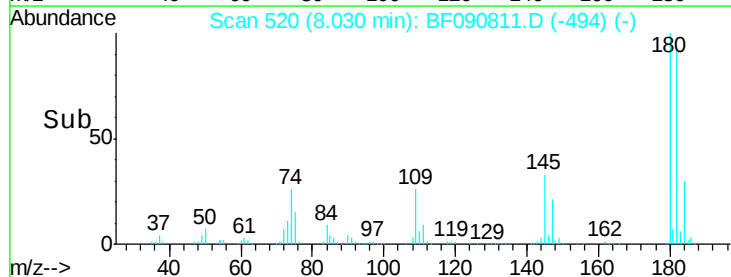
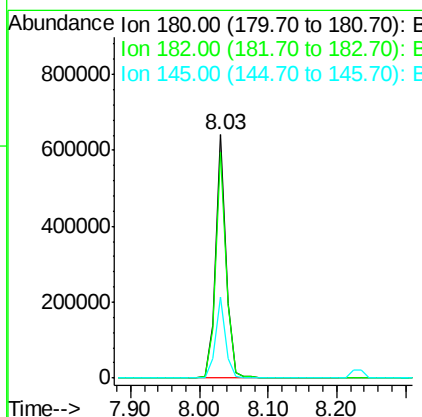
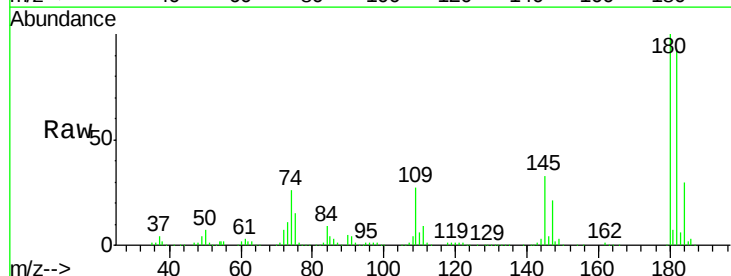
Manual Integrations
 APPROVED

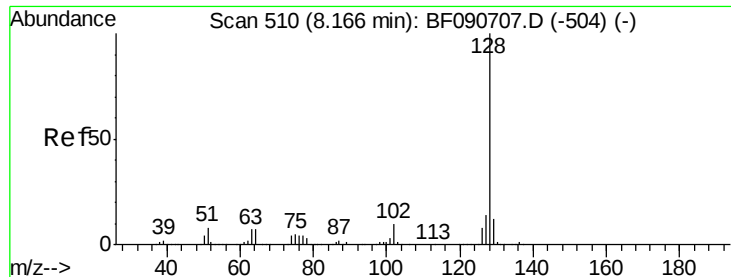
umangi
 10/26/2016 4:45:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.33 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	698018		
182	92.7	77.1	115.7	
145	33.1	23.3	34.9	





#31

Naphthalene

Concen: 42.36 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:128 Resp: 2209755

Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

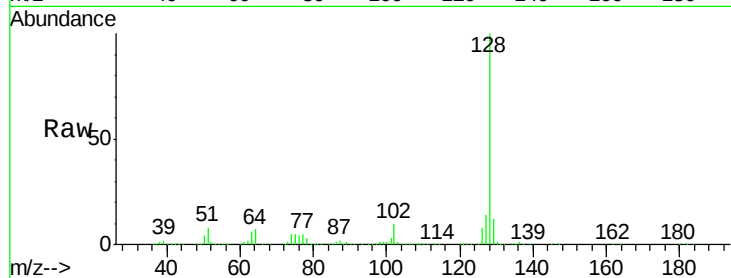
127 14.1 9.9 14.9

Manual Integrations

APPROVED

umangi

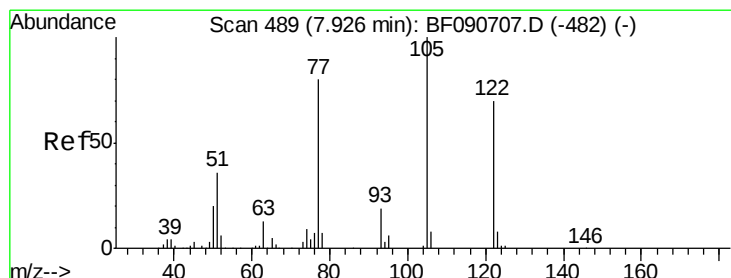
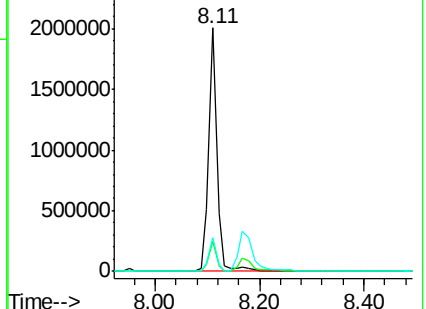
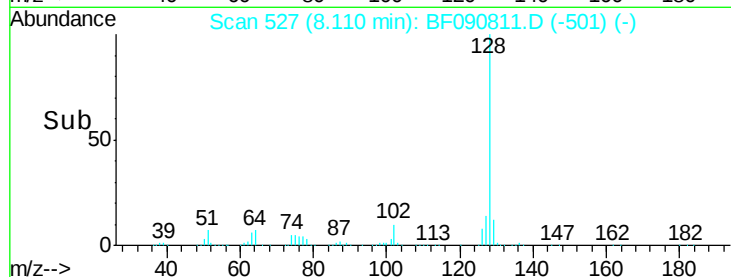
10/26/2016 4:45:37 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.48 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.05 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

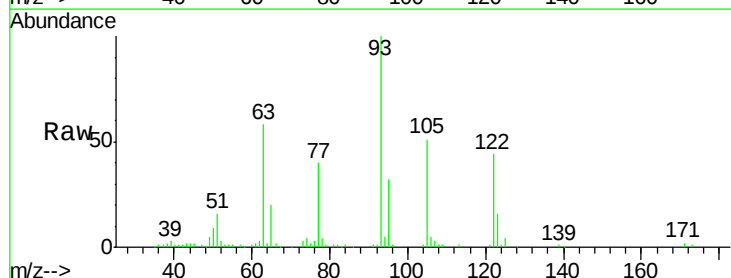
Tgt Ion:122 Resp: 139684

Ion Ratio Lower Upper

122 100

105 115.4 76.1 116.1

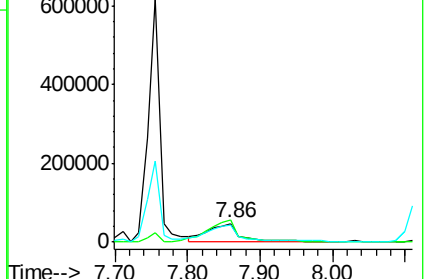
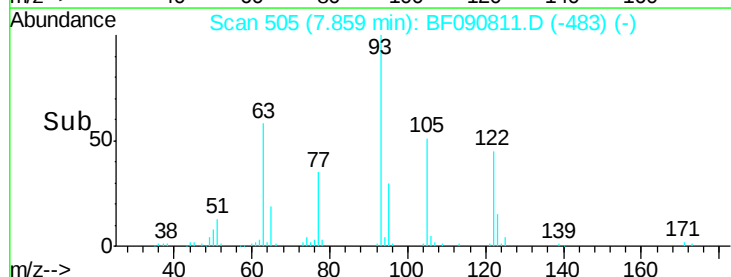
77 89.5 40.5 80.5#

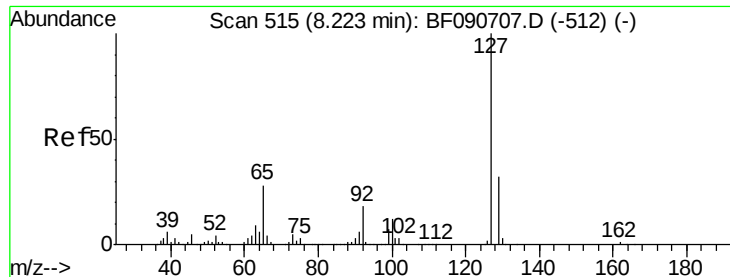


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





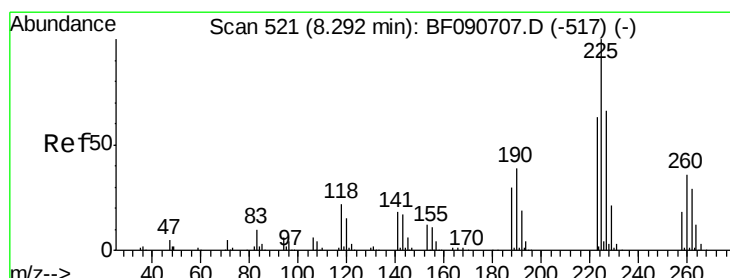
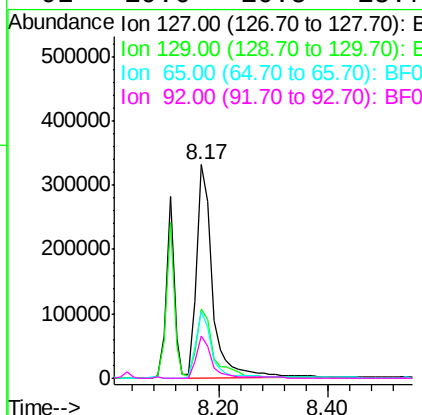
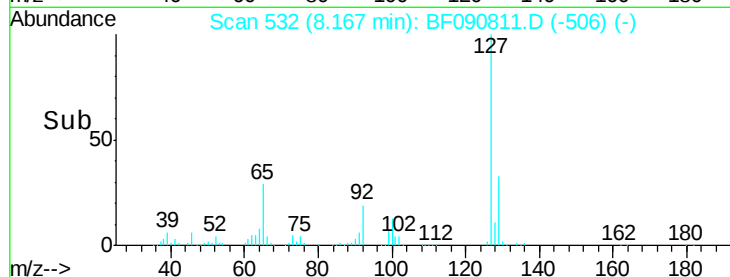
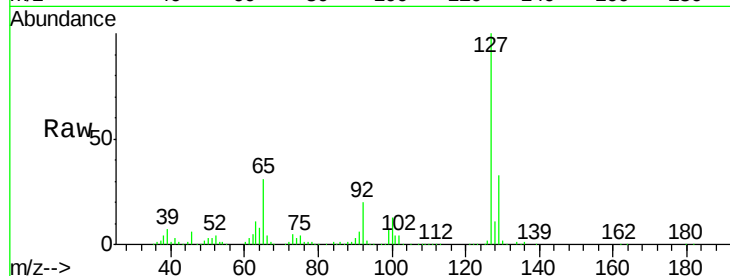
#33
4-Chloroaniline
Concen: 34.42 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		666050		
129	32.6	25.8	38.6		
65	31.2	17.9	26.9		
92	19.6	10.5	15.7		

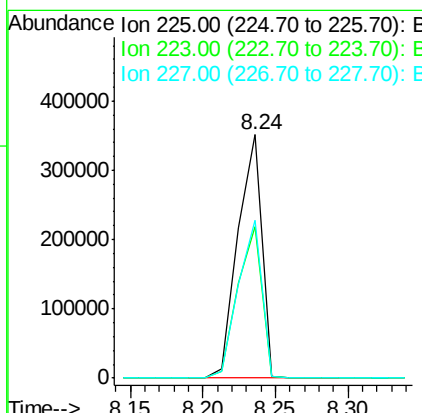
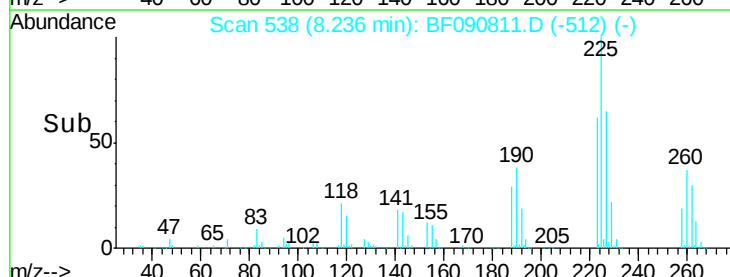
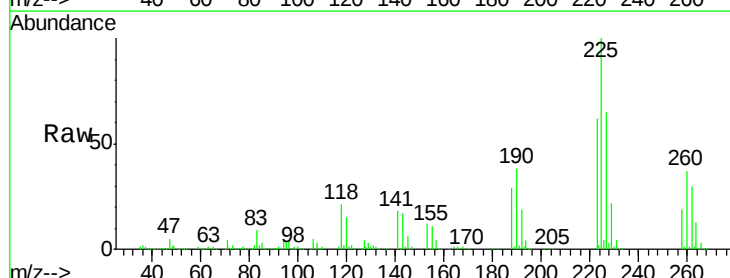
Manual Integrations
APPROVED

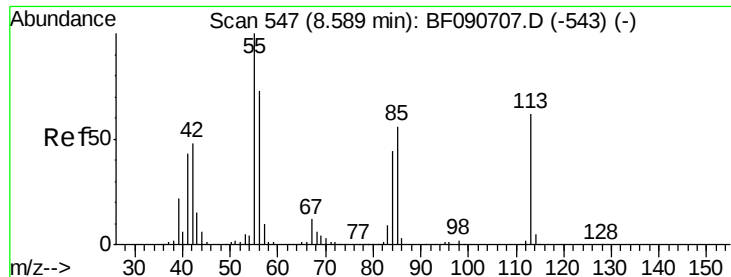
umangi
10/26/2016 4:45:37 PM



#34
Hexachlorobutadiene
Concen: 48.57 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		402737		
223	62.0	50.2	75.2		
227	64.9	52.2	78.2		





#35

Caprolactam

Concen: 9.61 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

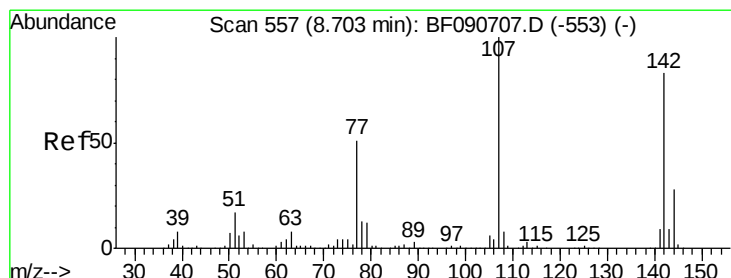
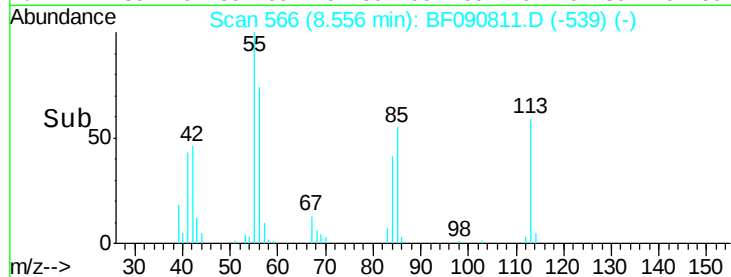
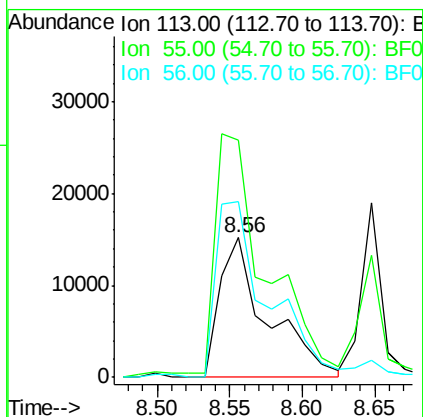
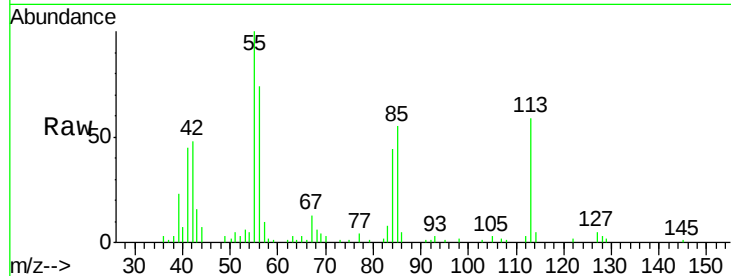
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.0	152.4	192.4
56	126.3	104.6	144.6

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#36

4-Chloro-3-methylphenol

Concen: 44.81 ng

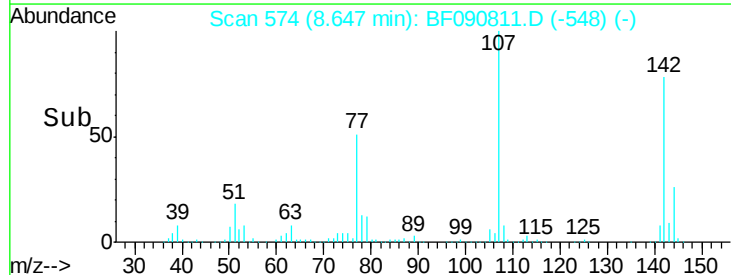
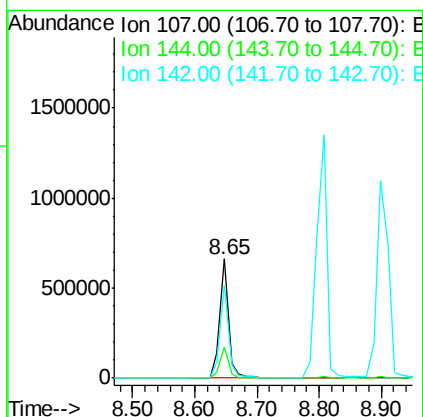
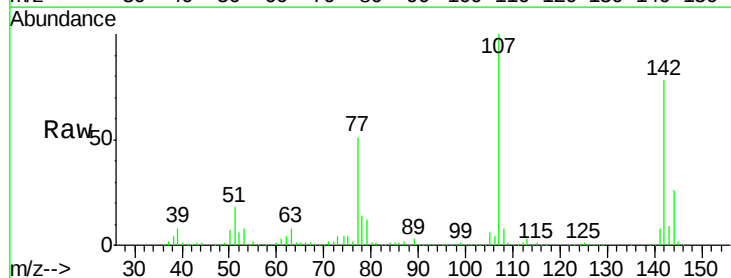
RT: 8.65 min Scan# 574

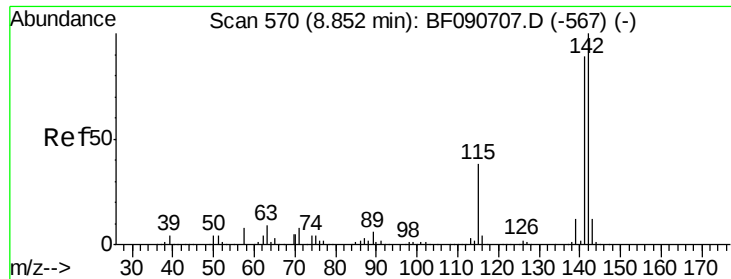
Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	25.4	38.0
142	78.0	77.3	115.9





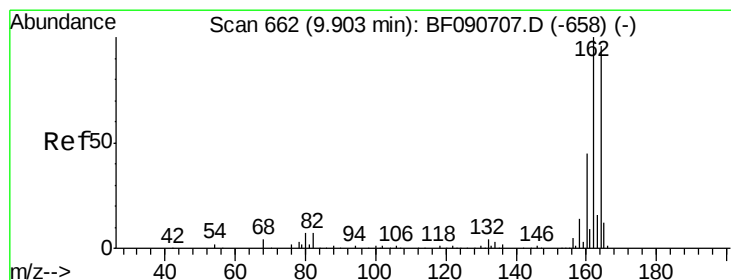
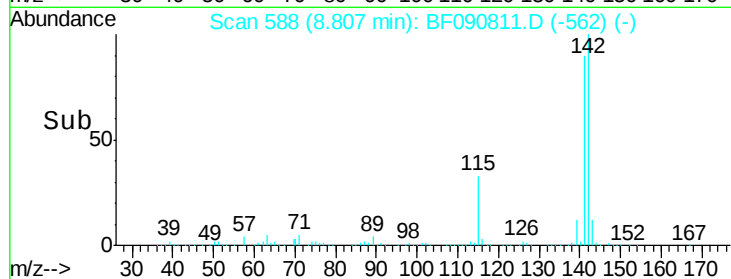
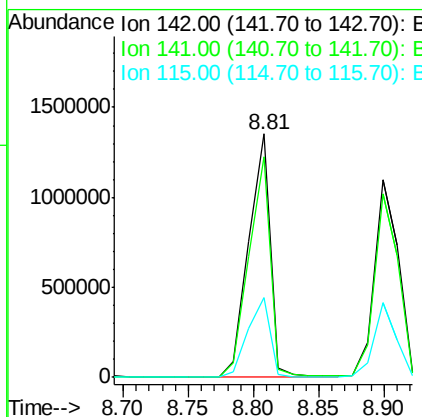
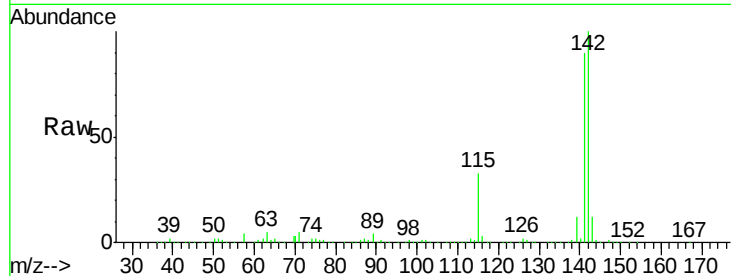
#37
2-Methylnaphthalene
Concen: 51.32 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.5	101.3
115	32.7	18.2	27.2

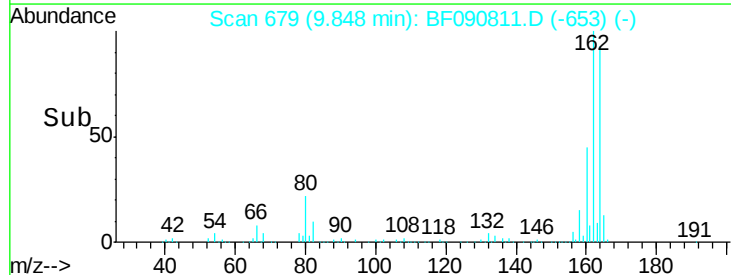
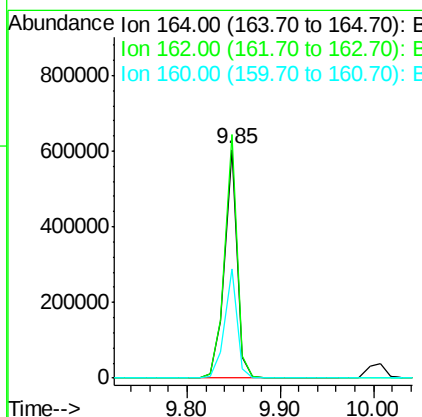
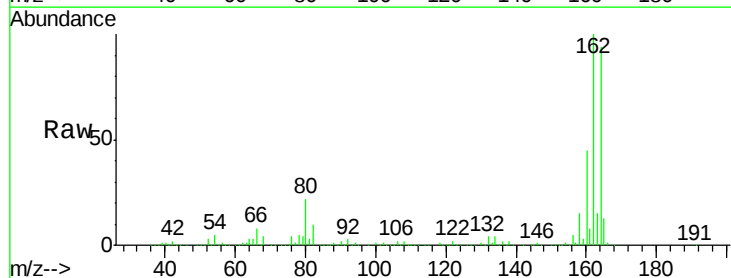
Manual Integrations
APPROVED

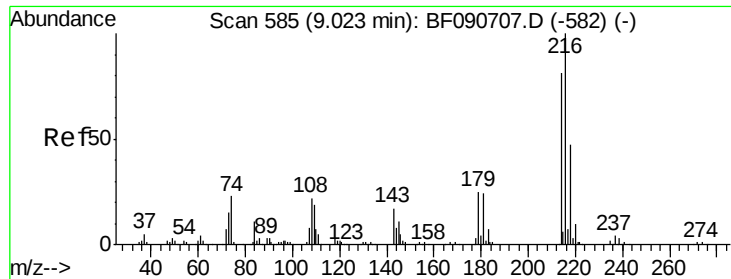
umangi
10/26/2016 4:45:37 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	75.2	112.8
160	47.8	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.88 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

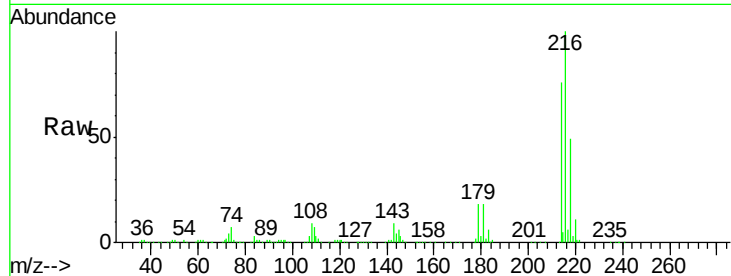
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	691153		
214	79.0	63.5	95.3	
179	21.5	16.6	24.8	
108	18.7	16.3	24.5	

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM

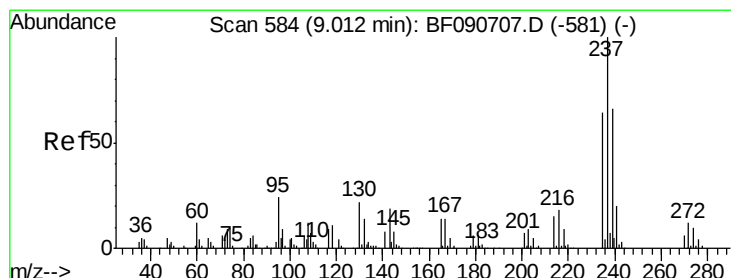
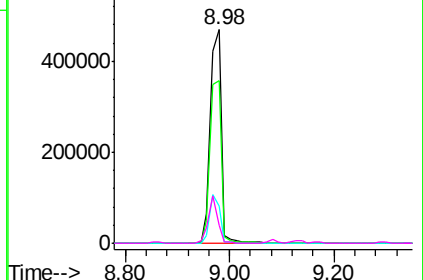
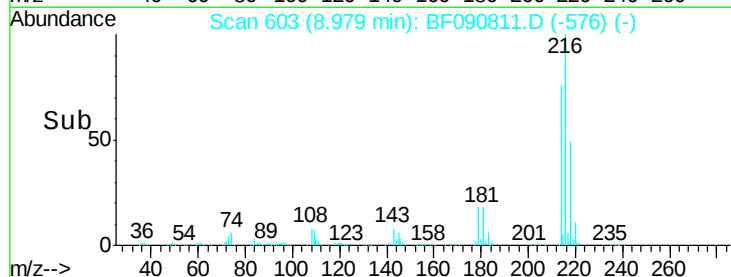


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.34 ng

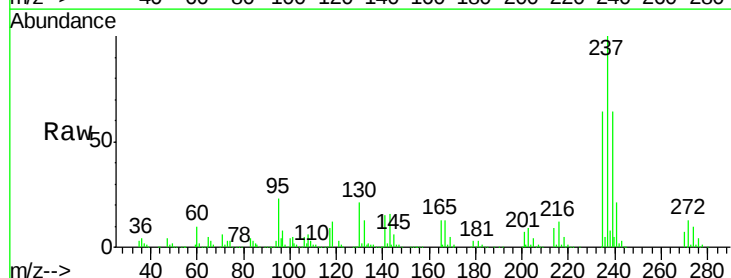
RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

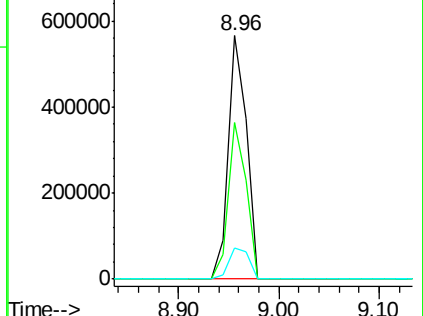
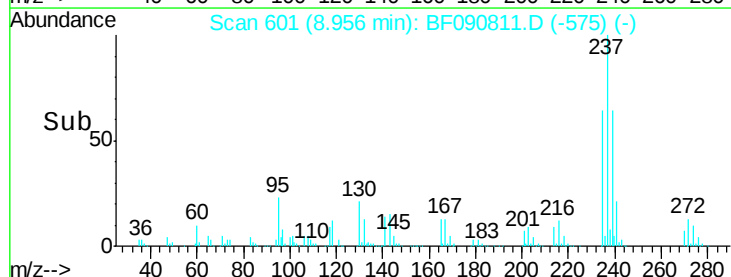
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	710895		
235	64.3	42.0	82.0	
272	12.5	0.0	36.1	

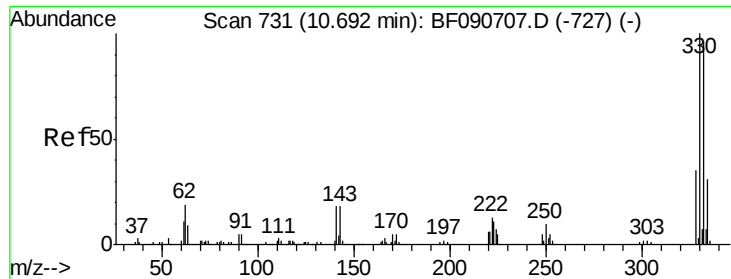


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





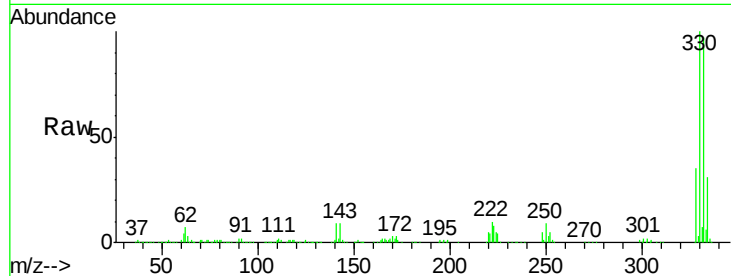
#41
 2,4,6-Tribromophenol
 Concen: 176.99 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

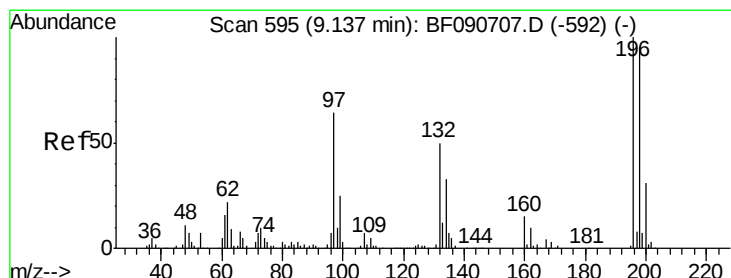
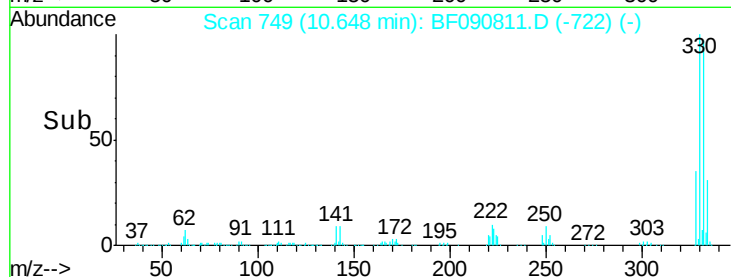
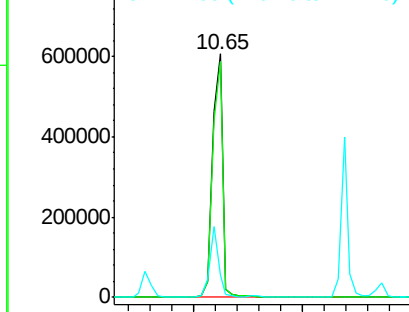
Tot Ion	Ratio	Resp	Lower	Upper
330	100	798895		
332	96.4		76.6	114.8
141	24.9		29.7	44.5#

Manual Integrations
 APPROVED

umangi
 10/26/2016 4:45:37 PM



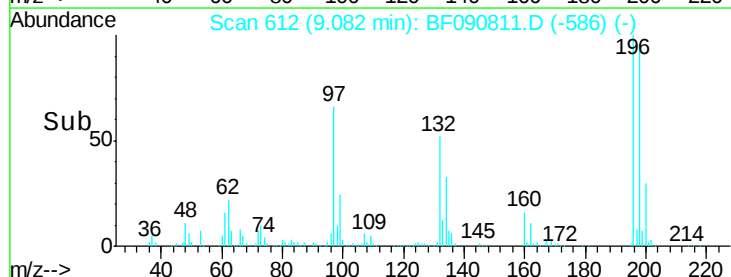
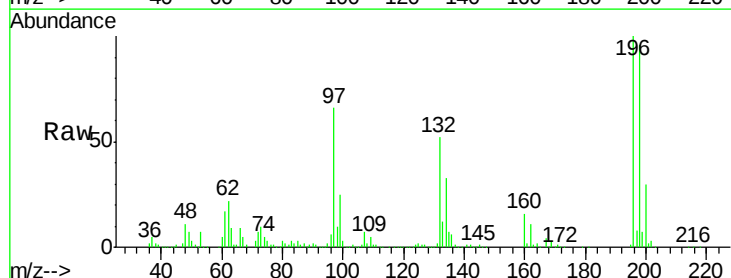
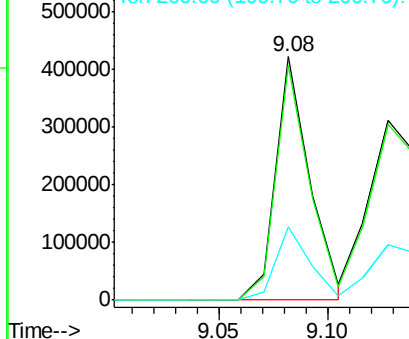
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

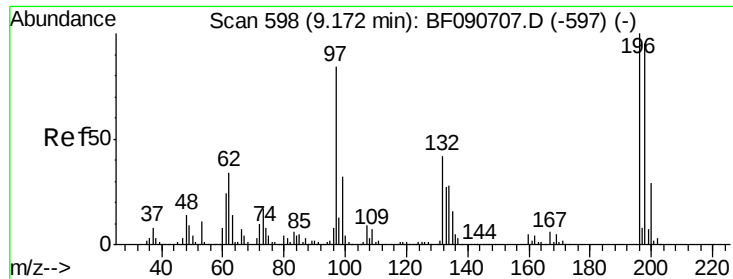


#42
 2,4,6-Trichlorophenol
 Concen: 48.41 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	462344		
198	96.3		75.7	113.5
200	30.2		23.9	35.9

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





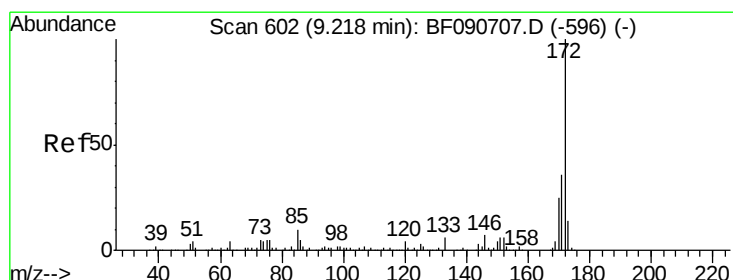
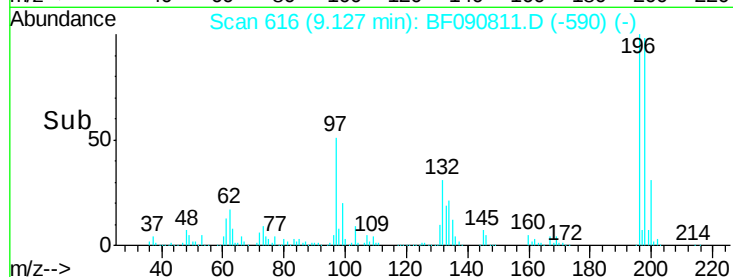
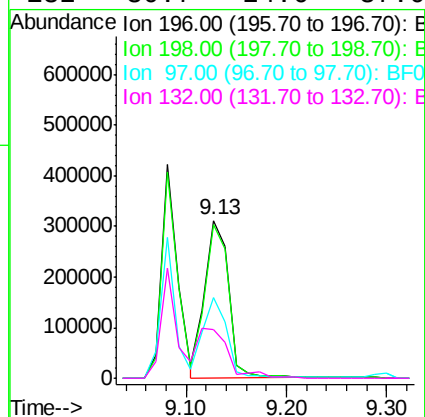
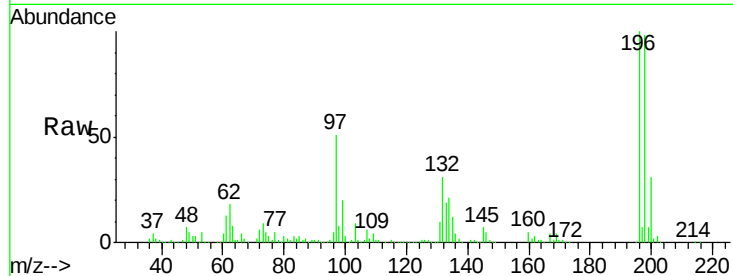
#43
2,4,5-Trichlorophenol
Concen: 53.17 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	515305		
198	97.6	75.4	113.0	
97	51.4	33.3	49.9	
132	30.7	24.6	37.0	

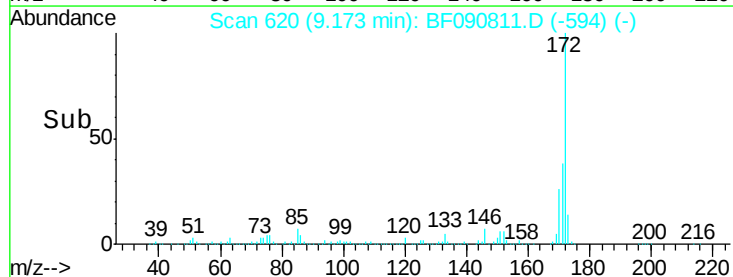
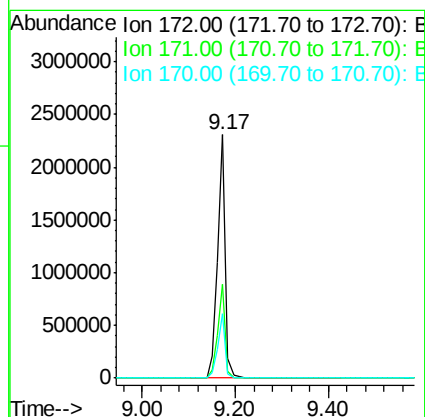
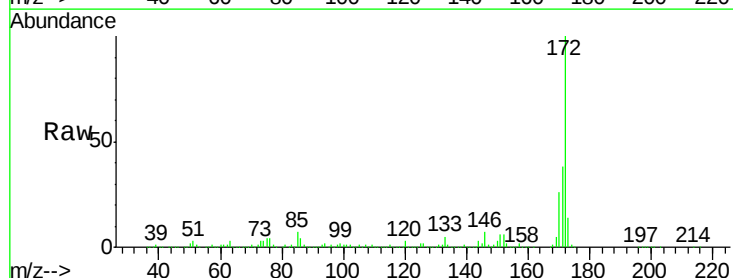
Manual Integrations
APPROVED

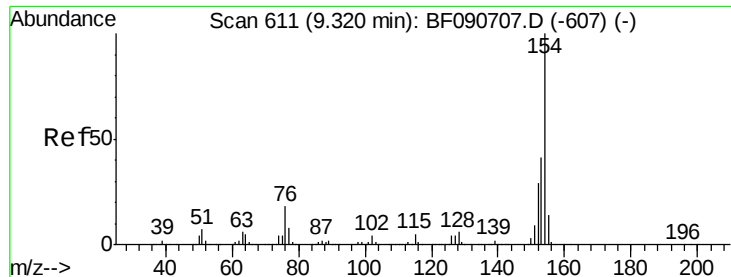
umangi
10/26/2016 4:45:37 PM



#44
2-Fluorobiphenyl
Concen: 72.78 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2673802		
171	38.4	26.1	39.1	
170	26.2	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 43.66 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:154 Resp: 1955385

Ion Ratio Lower Upper

154 100

153 42.0 17.1 57.1

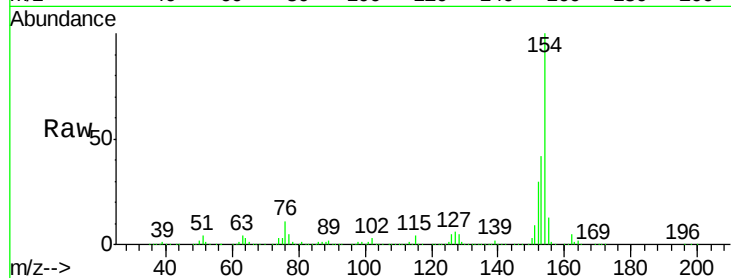
76 10.8 0.0 31.6

Manual Integrations

APPROVED

umangi

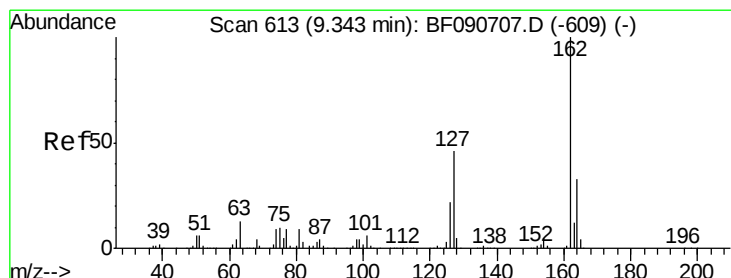
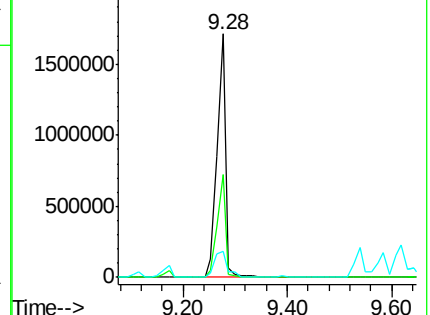
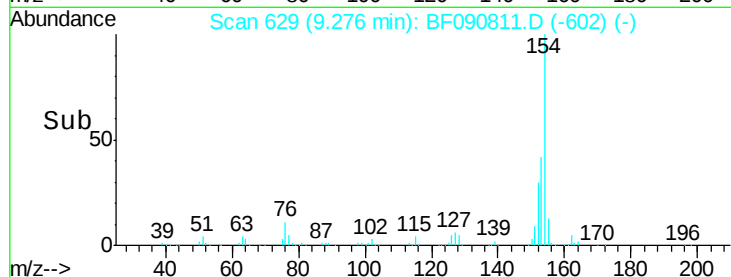
10/26/2016 4:45:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.04 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

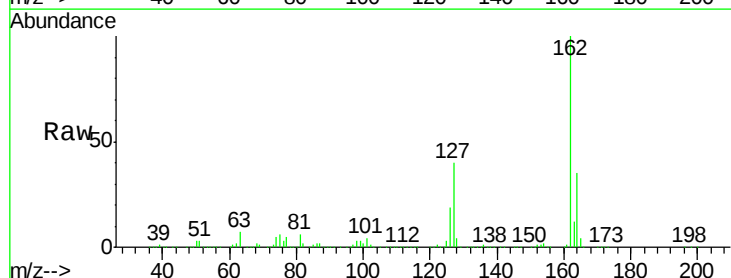
Tgt Ion:162 Resp: 1566015

Ion Ratio Lower Upper

162 100

127 39.7 27.6 41.4

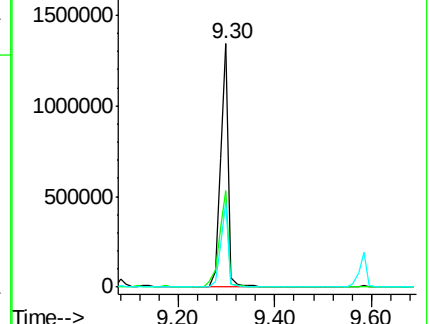
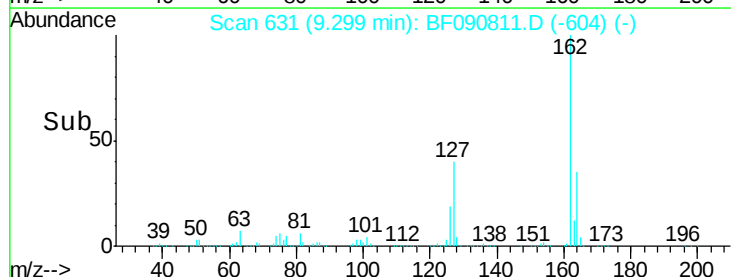
164 34.8 25.4 38.2

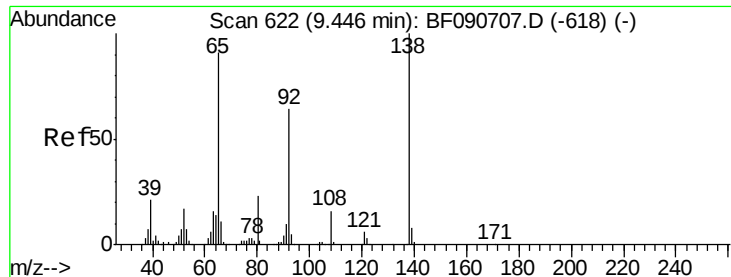


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





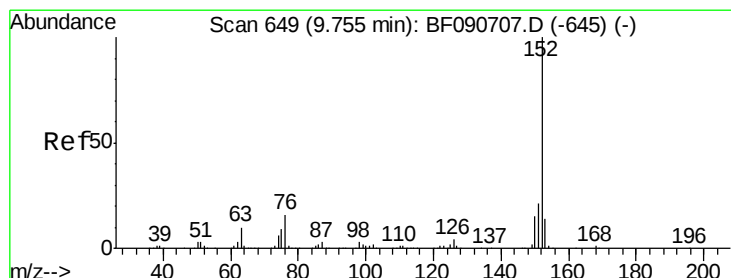
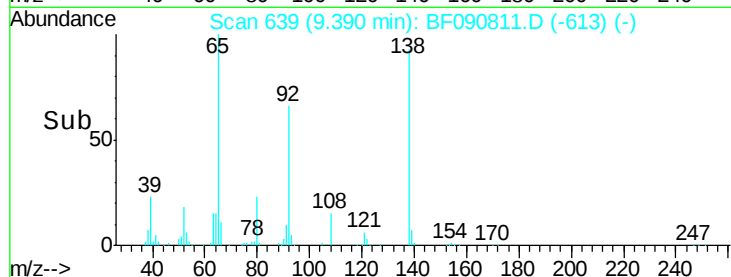
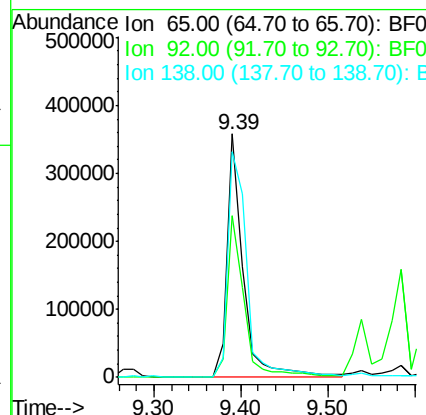
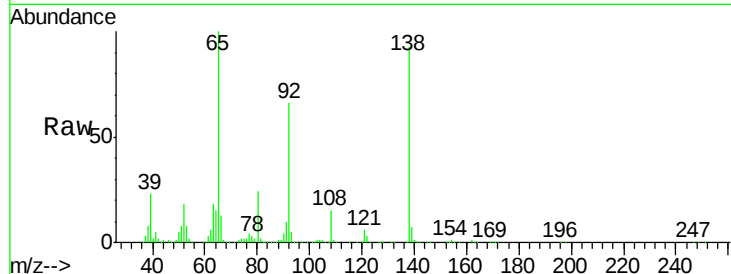
#47
2-Nitroaniline
Concen: 42.24 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.4	83.0
138	92.9	115.5	173.3

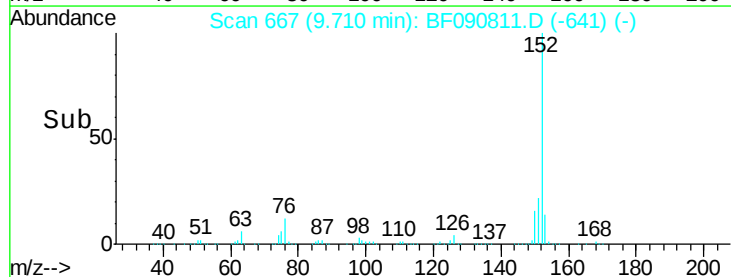
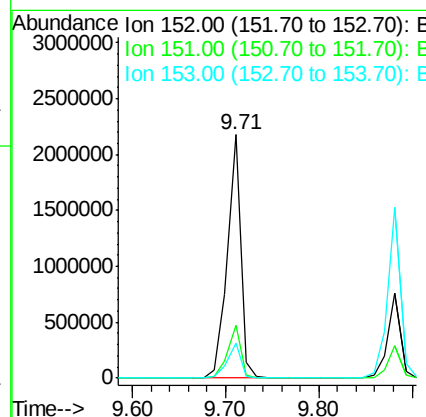
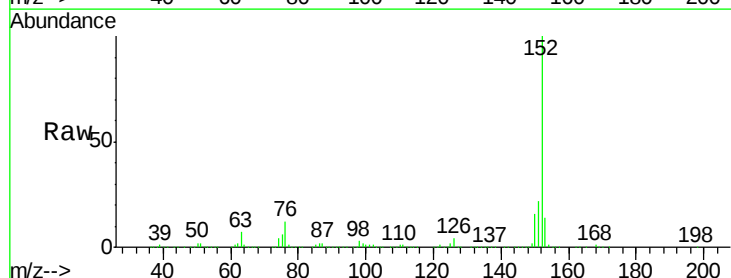
Manual Integrations
APPROVED

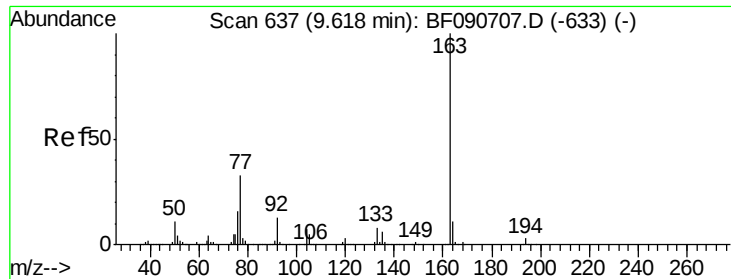
umangi
10/26/2016 4:45:37 PM



#48
Acenaphthylene
Concen: 43.11 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	14.6	22.0
153	14.2	10.3	15.5





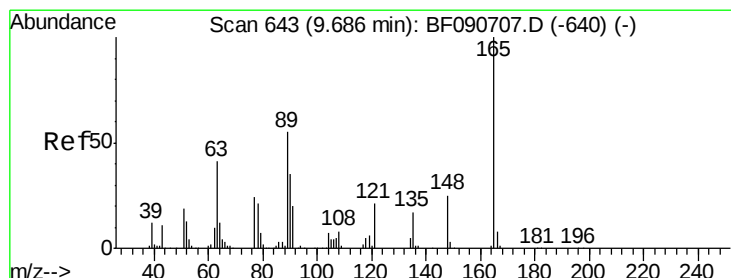
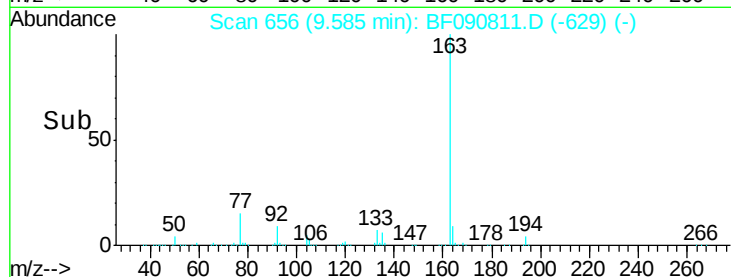
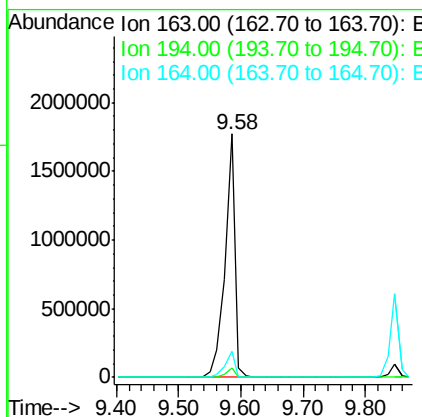
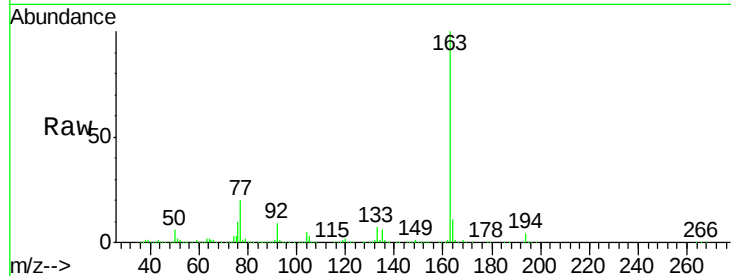
#49
Dimethylphthalate
Concen: 53.93 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:163 Resp: 1932576
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 10.8 8.3 12.5

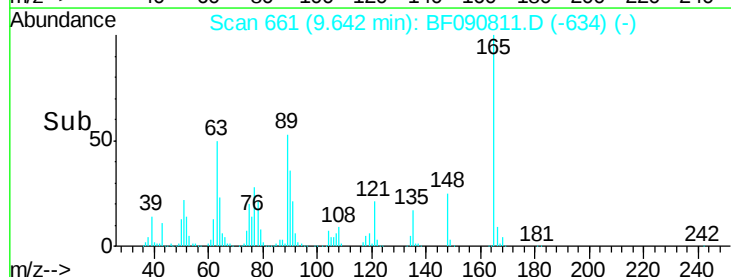
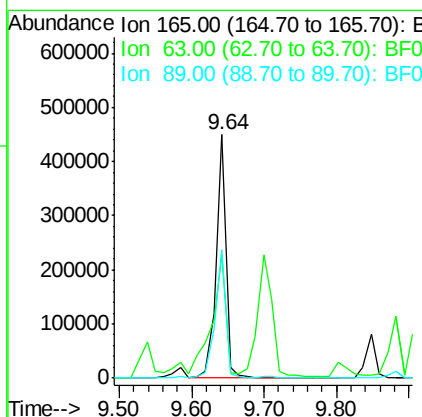
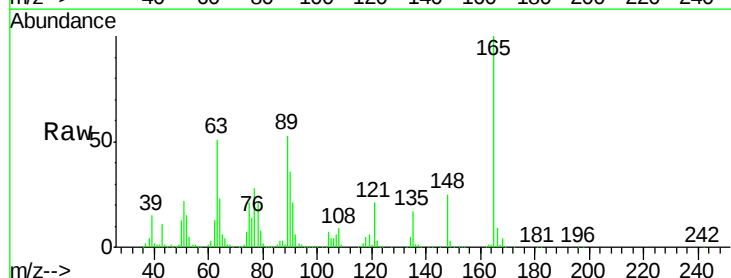
Manual Integrations
APPROVED

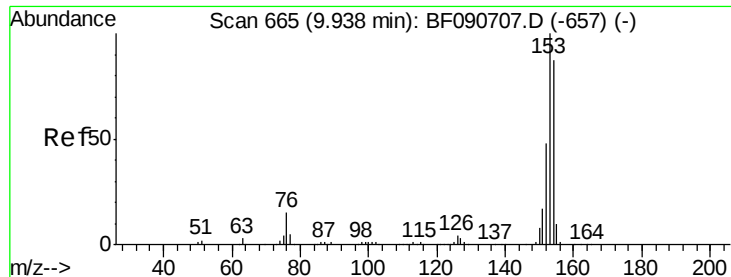
umangi
10/26/2016 4:45:37 PM



#50
2,6-Dinitrotoluene
Concen: 54.71 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion:165 Resp: 421589
Ion Ratio Lower Upper
165 100
63 50.9 32.3 48.5#
89 52.7 28.6 43.0#





#51

Acenaphthene

Concen: 38.90 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:154 Resp: 1311609

Ion Ratio Lower Upper

154 100

153 114.5 82.1 123.1

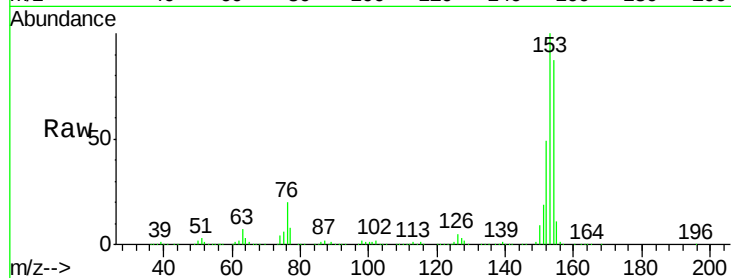
152 56.6 37.9 56.9

Manual Integrations

APPROVED

umangi

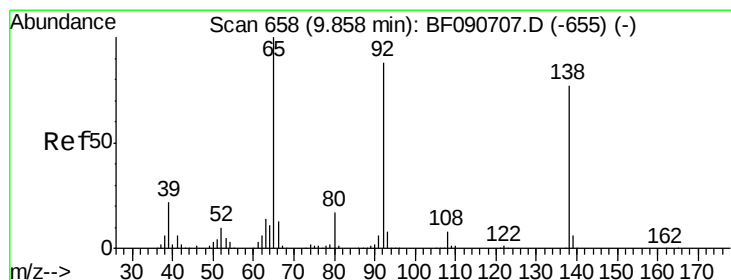
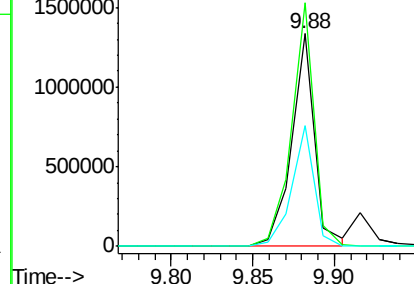
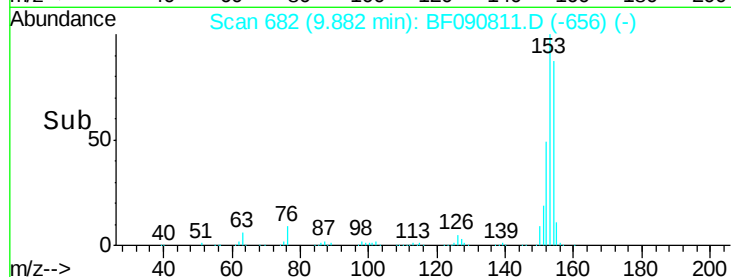
10/26/2016 4:45:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.02 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

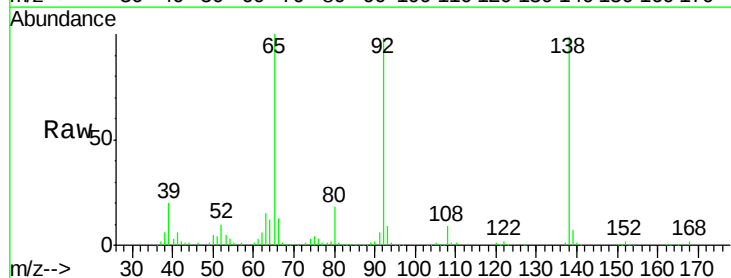
Tgt Ion:138 Resp: 239350

Ion Ratio Lower Upper

138 100

108 8.9 5.7 8.5#

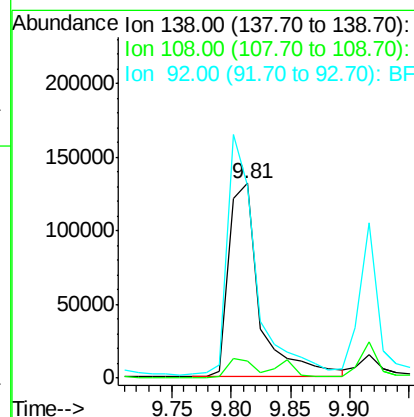
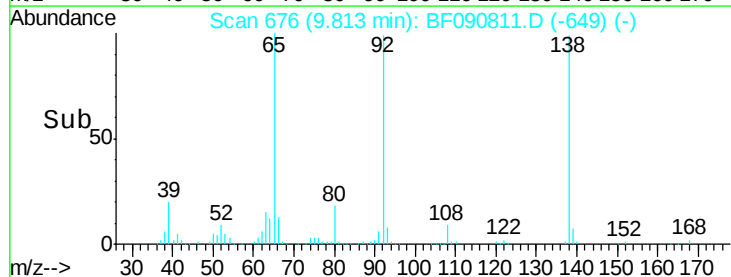
92 99.1 67.7 101.5

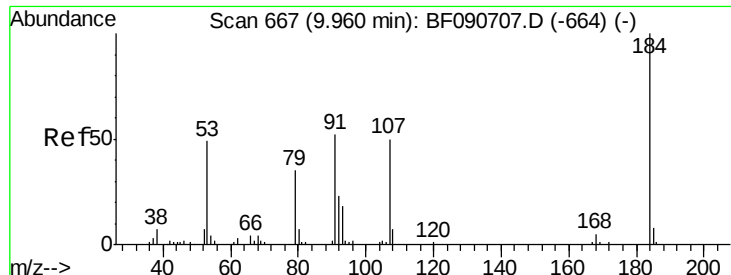


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





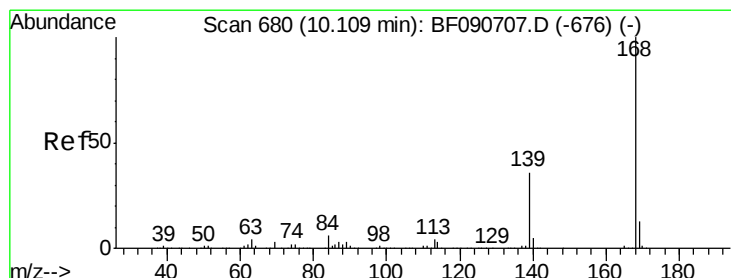
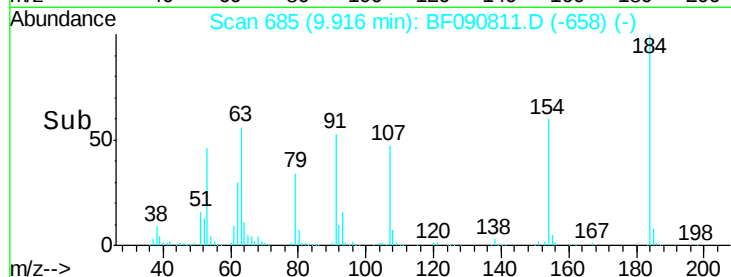
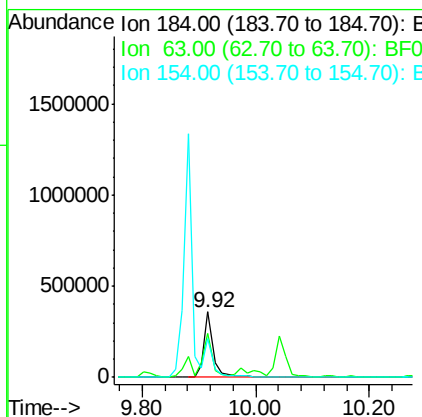
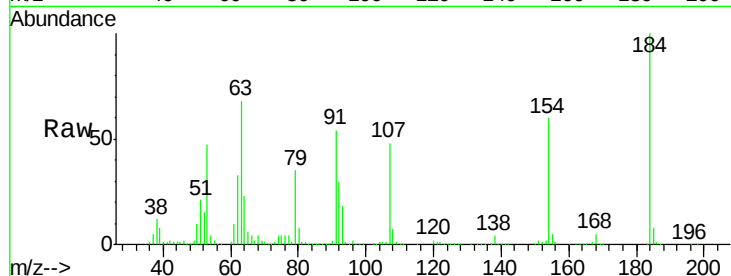
#53
 2,4-Dinitrophenol
 Concen: 88.63 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.8	35.4	53.2#
154	60.2	32.2	48.4#

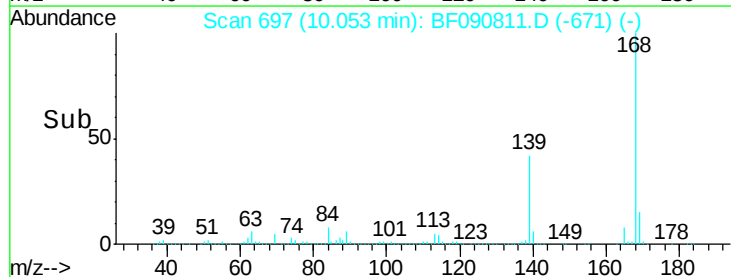
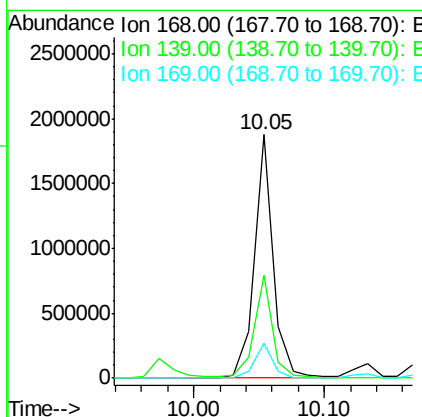
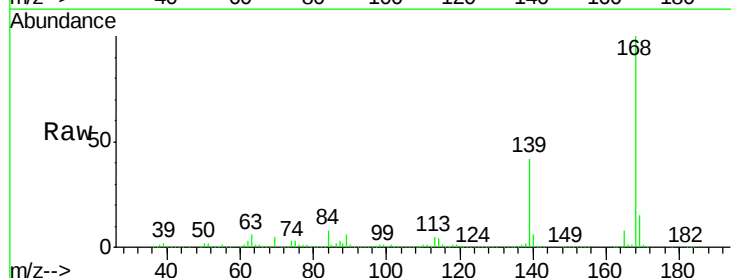
Manual Integrations
 APPROVED

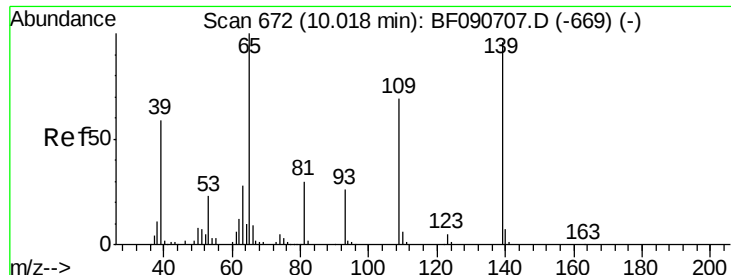
umangi
 10/26/2016 4:45:37 PM



#54
 Dibenzofuran
 Concen: 46.11 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	24.2	36.2#
169	14.5	10.6	15.8





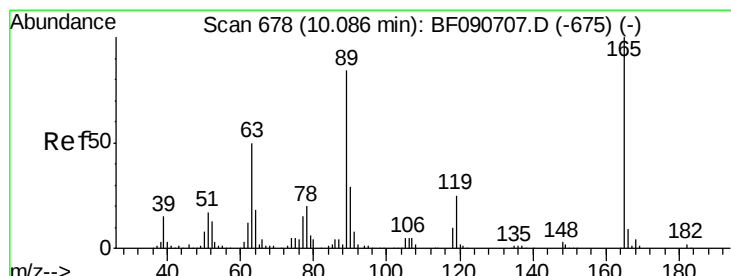
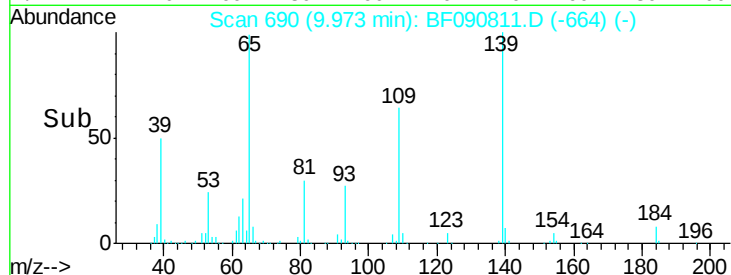
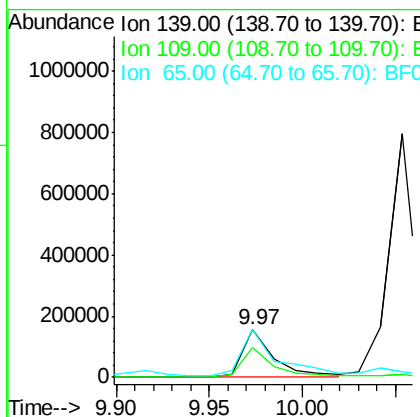
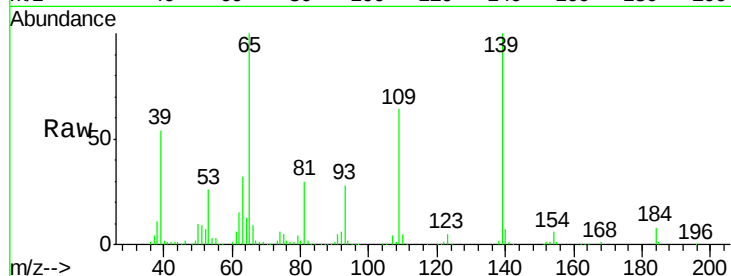
#55
4-Nitrophenol
Concen: 37.38 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.9	12.7	52.7#	
65	100.4	45.9	85.9#	

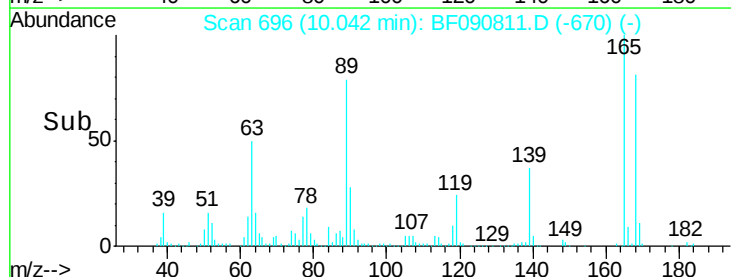
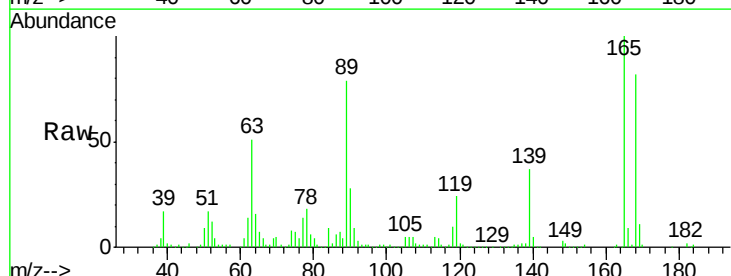
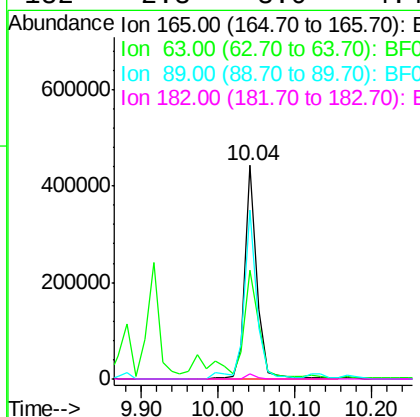
Manual Integrations
APPROVED

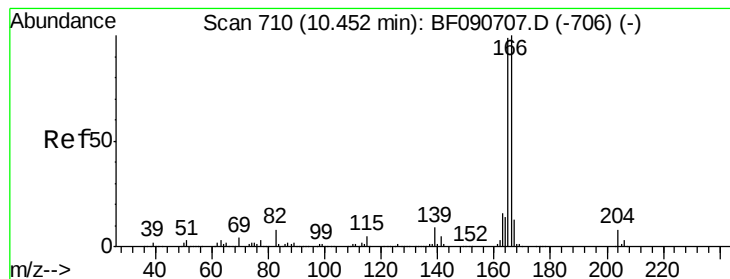
umangi
10/26/2016 4:45:37 PM



#56
2,4-Dinitrotoluene
Concen: 51.49 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.2	29.8	44.6#	
89	79.2	44.5	66.7#	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 43.42 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:166 Resp: 1469764

Ion Ratio Lower Upper

166 100

165 98.9 72.6 109.0

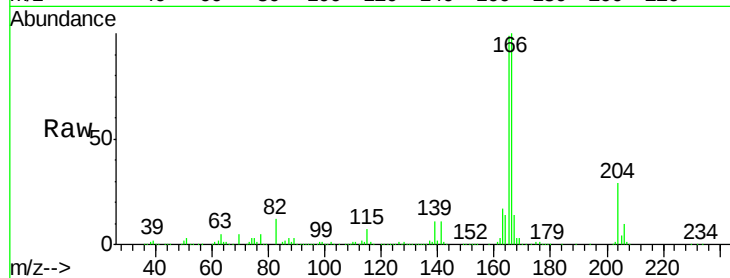
167 13.9 10.6 16.0

Manual Integrations

APPROVED

umangi

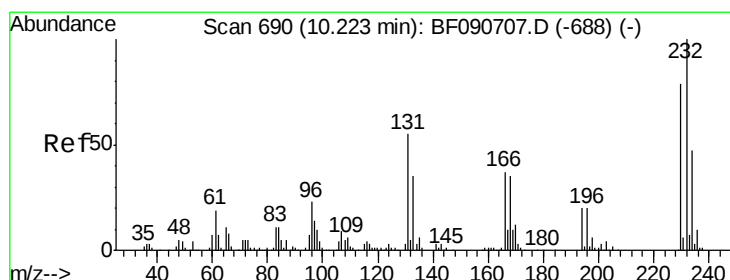
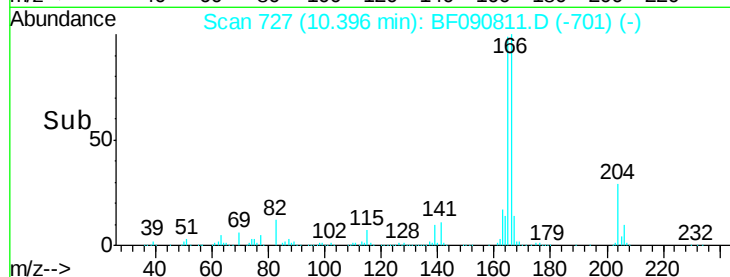
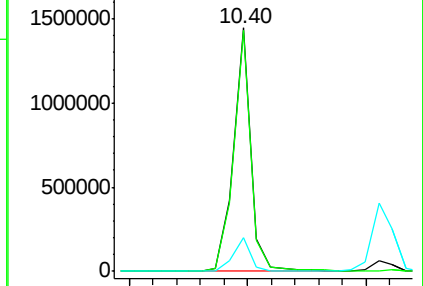
10/26/2016 4:45:37 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.80 ng m

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Tgt Ion:232 Resp: 416757

Ion Ratio Lower Upper

232 100

131 48.5 38.5 57.7

130 2.1 1.8 2.6

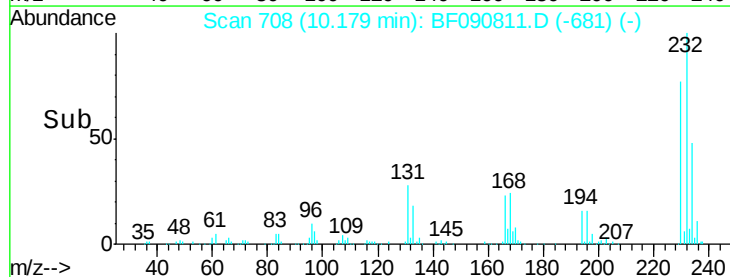
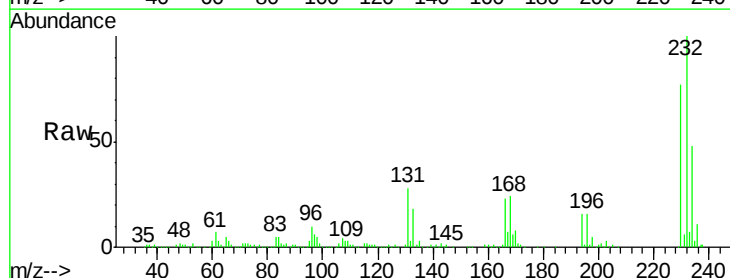
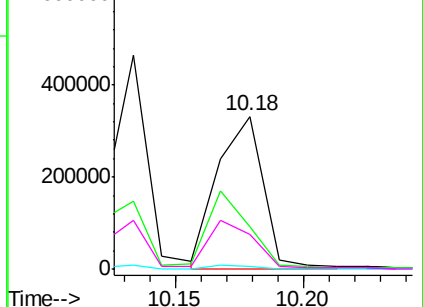
166 32.2 25.0 37.6

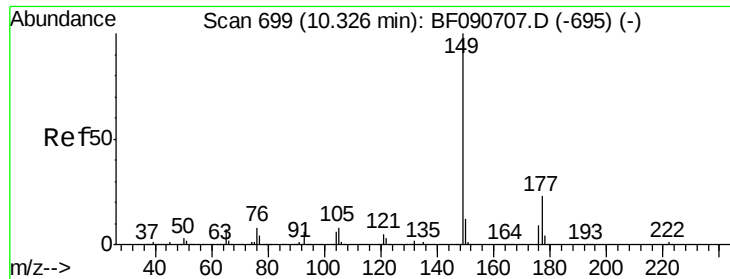
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





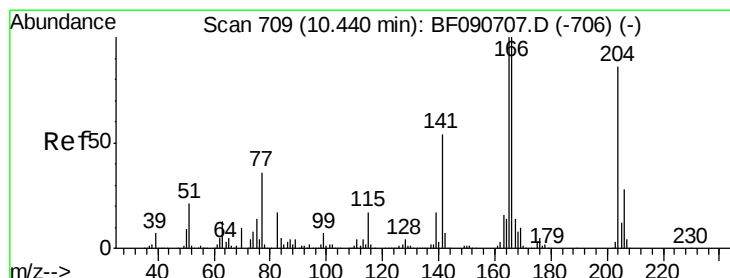
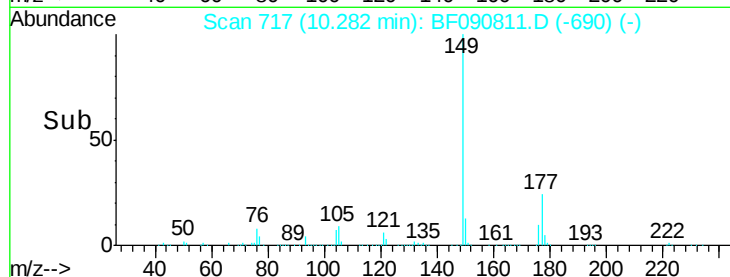
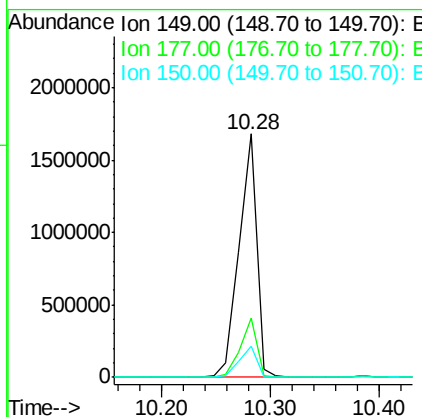
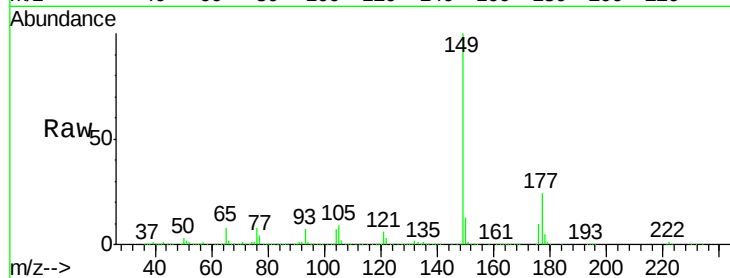
#59
Diethylphthalate
Concen: 50.40 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:149 Resp: 1873098
Ion Ratio Lower Upper
149 100
177 24.3 17.5 26.3
150 13.0 9.4 14.2

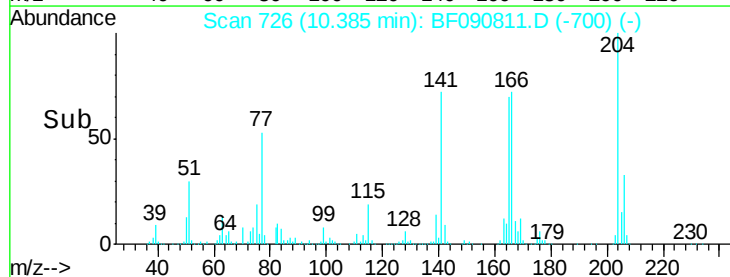
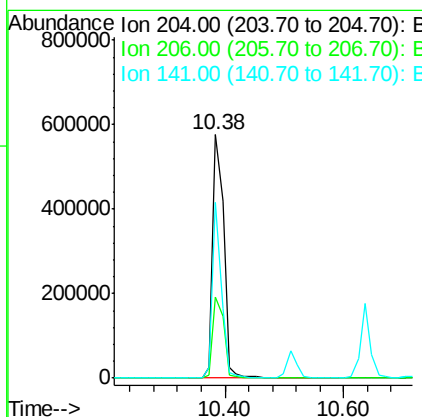
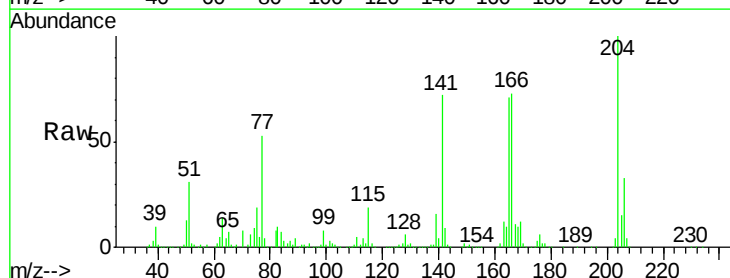
Manual Integrations
APPROVED

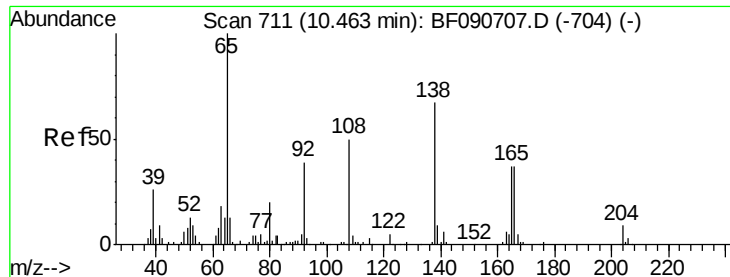
umangi
10/26/2016 4:45:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.79 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion:204 Resp: 739238
Ion Ratio Lower Upper
204 100
206 33.4 24.8 37.2
141 72.2 42.2 63.4#





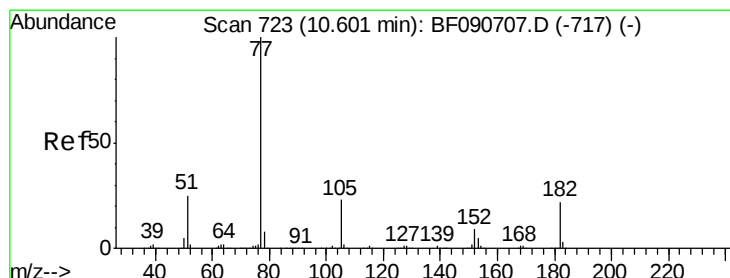
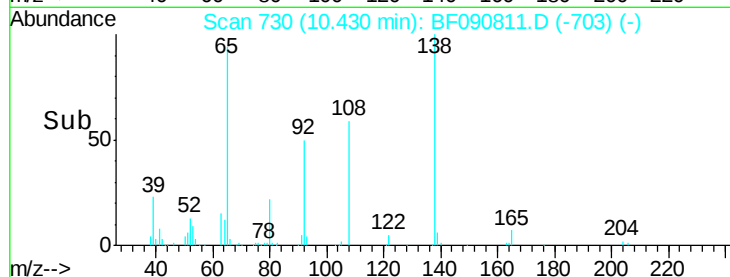
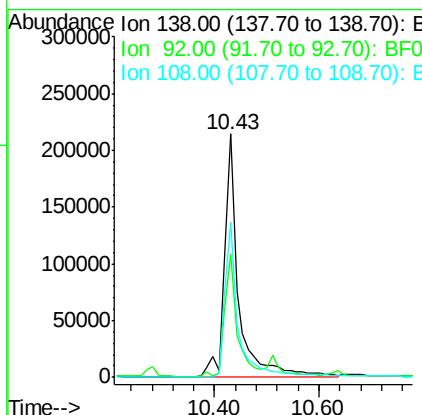
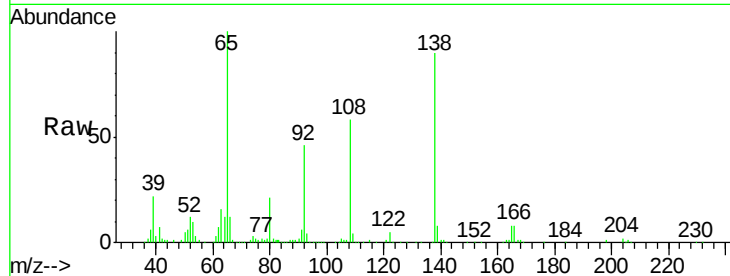
#61
4-Nitroaniline
Concen: 44.30 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	12.6	52.6
108	63.8	12.4	52.4

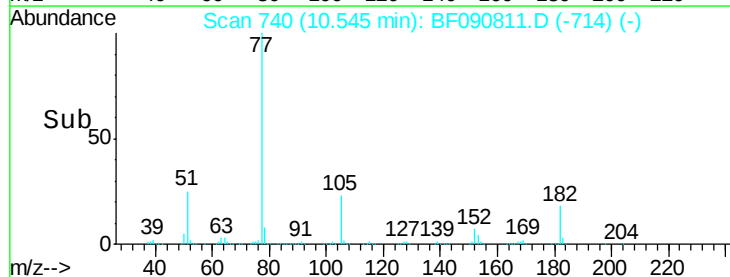
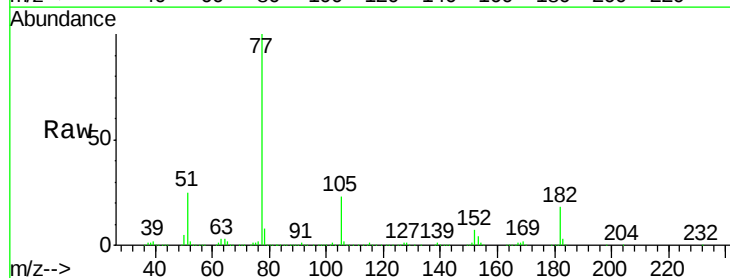
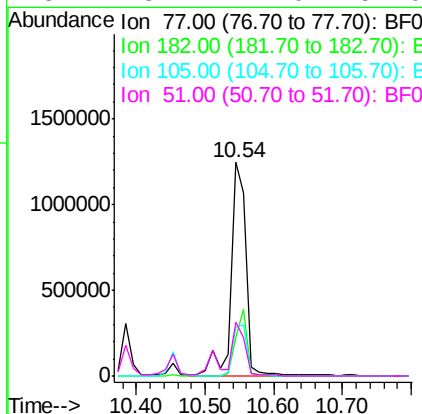
Manual Integrations
APPROVED

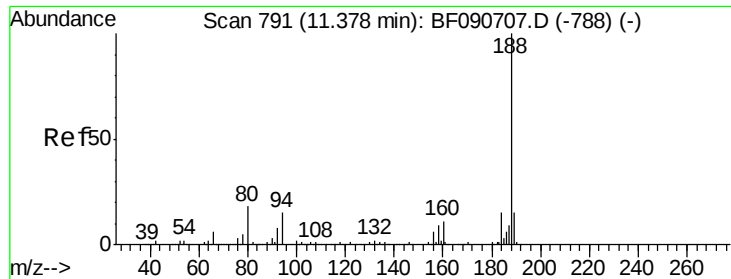
umangi
10/26/2016 4:45:37 PM



#62
Azobenzene
Concen: 43.65 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.2	15.1	55.1
105	23.1	3.4	43.4
51	25.4	12.0	52.0





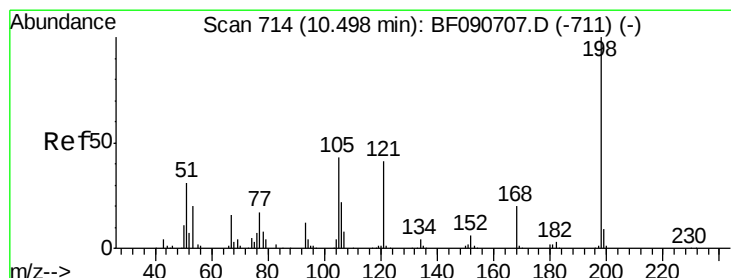
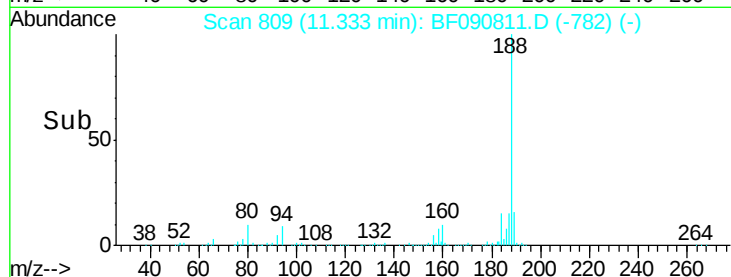
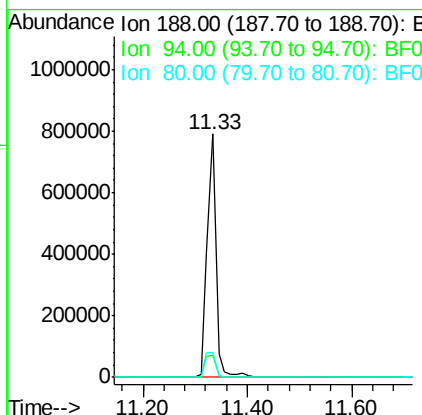
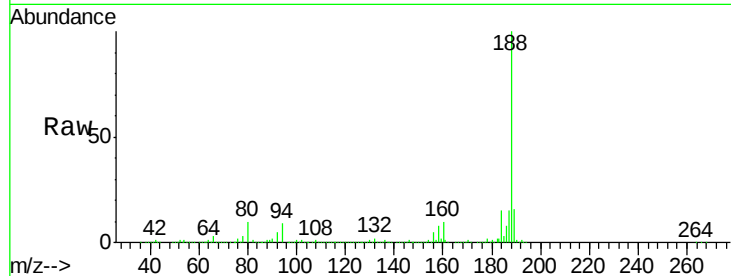
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	929216		
94	9.3		11.1	16.7#
80	10.3		11.0	16.4#

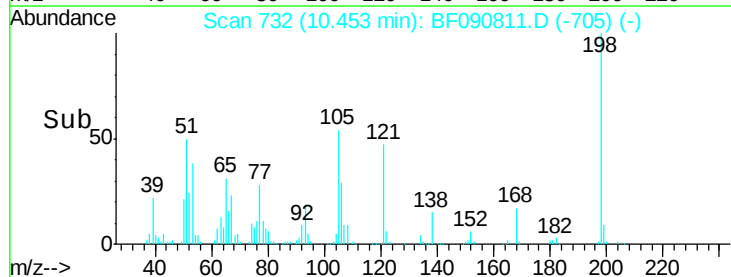
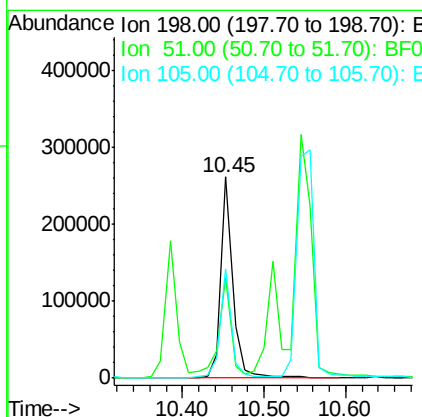
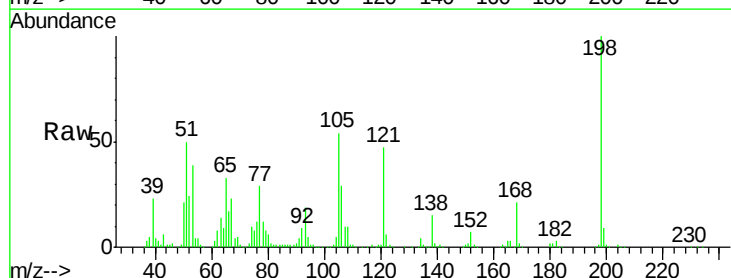
Manual Integrations
APPROVED

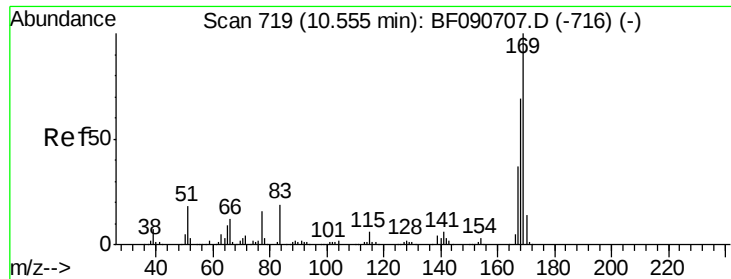
umangi
10/26/2016 4:45:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.18 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	266399		
51	50.2		39.6	79.6
105	54.1		28.5	68.5





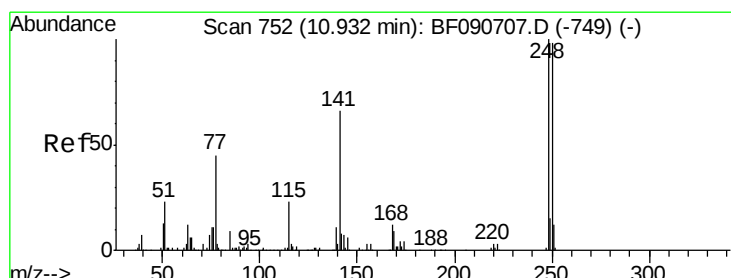
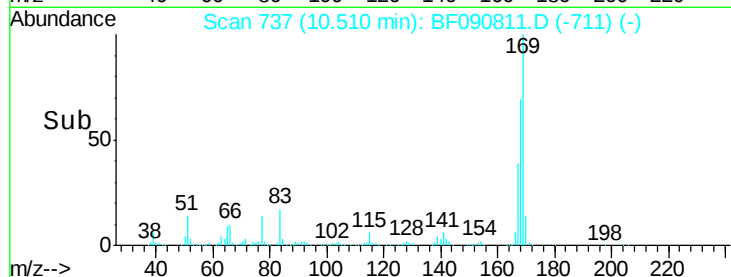
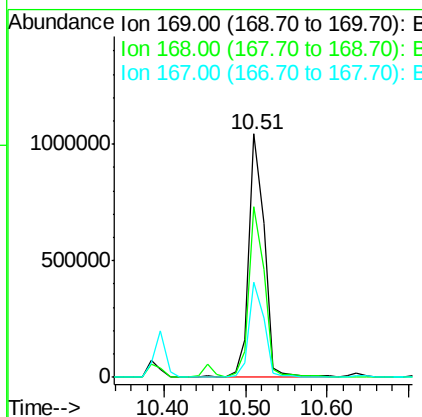
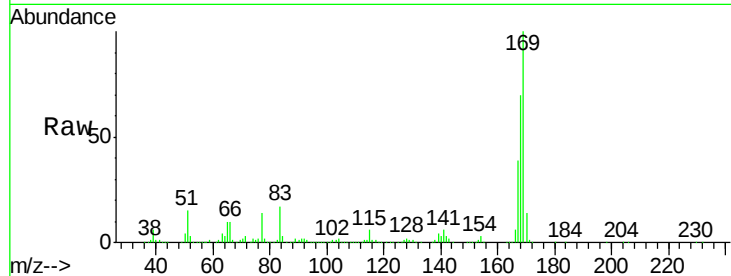
#65
n-Nitrosodiphenylamine
Concen: 45.82 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.9	48.9	73.3
167	38.9	26.2	39.4

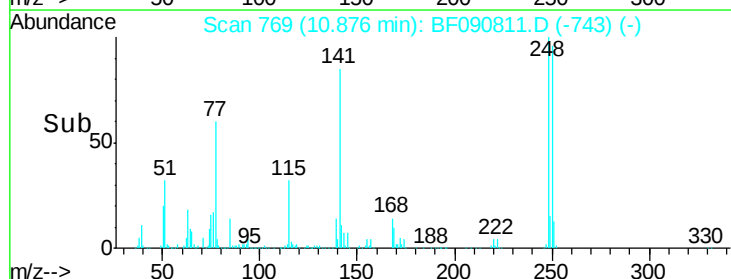
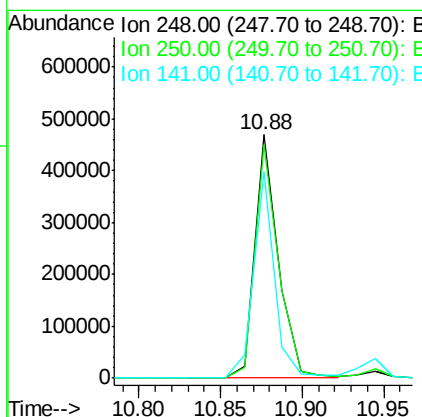
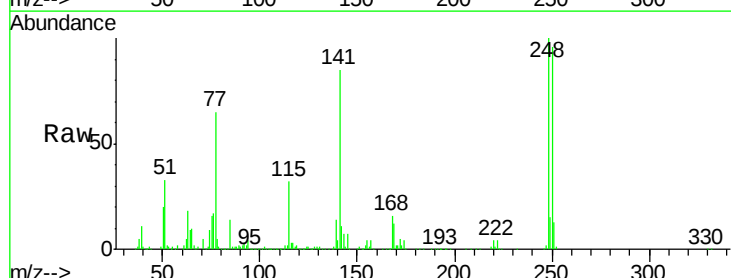
Manual Integrations
APPROVED

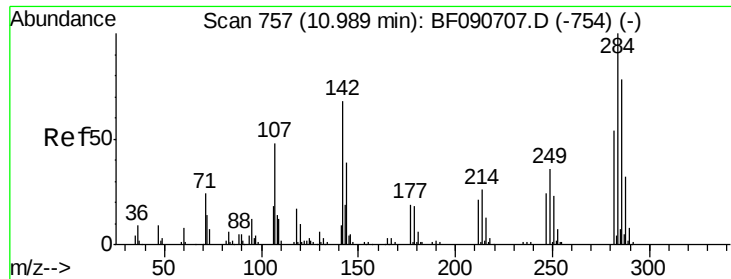
umangi
10/26/2016 4:45:37 PM



#66
4-Bromophenyl-phenylether
Concen: 52.07 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.5	117.7
141	84.8	59.0	88.6





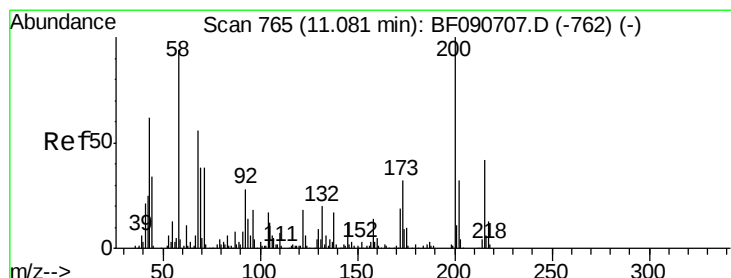
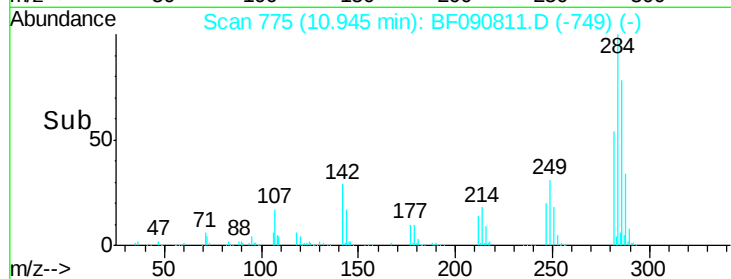
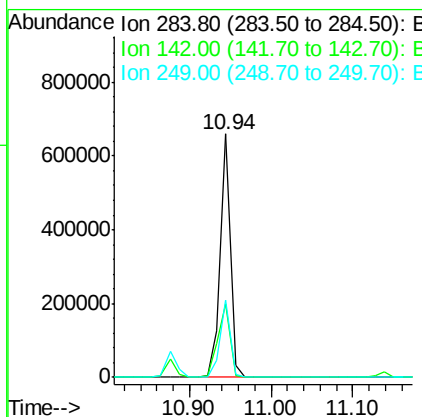
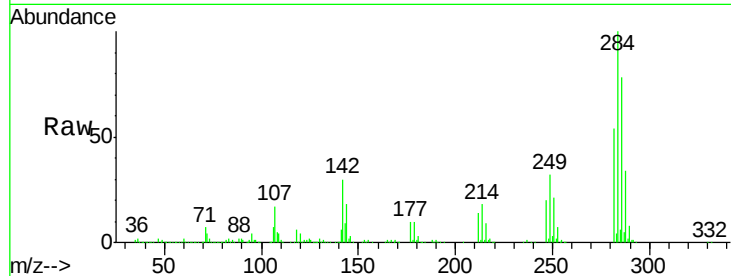
#67
Hexachlorobenzene
Concen: 53.78 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.2	29.5	44.3	
249	31.9	19.5	29.3	

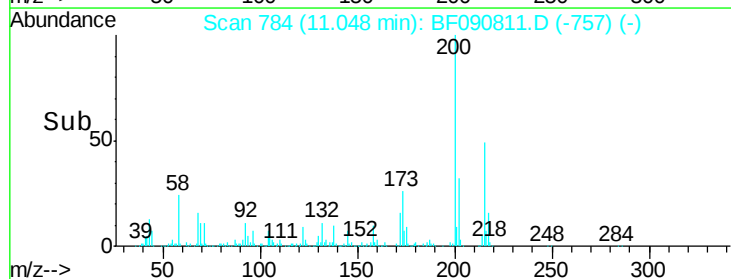
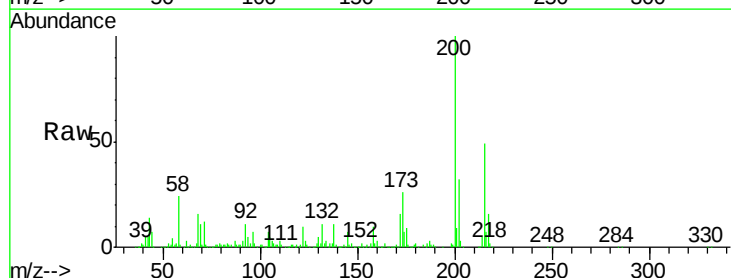
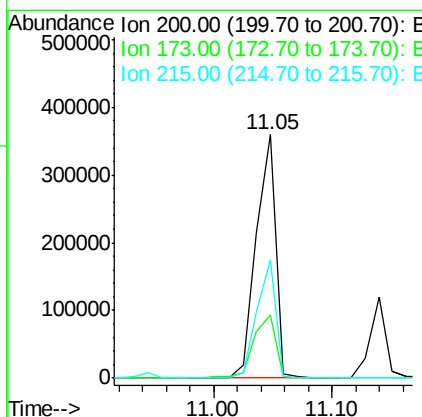
Manual Integrations
APPROVED

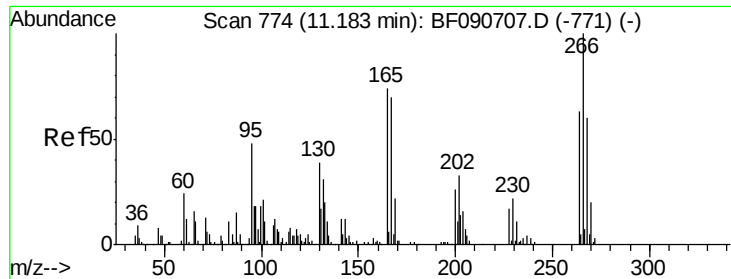
umangi
10/26/2016 4:45:37 PM



#68
Atrazine
Concen: 50.75 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.8	13.2	53.2	
215	48.7	41.8	81.8	





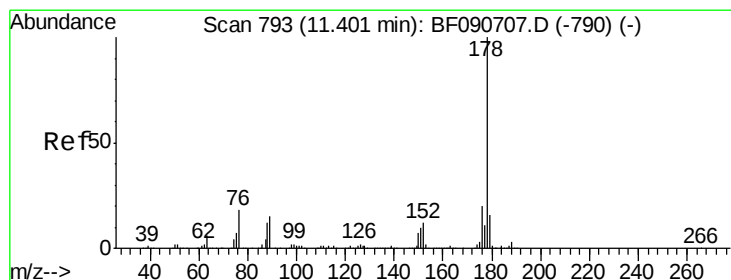
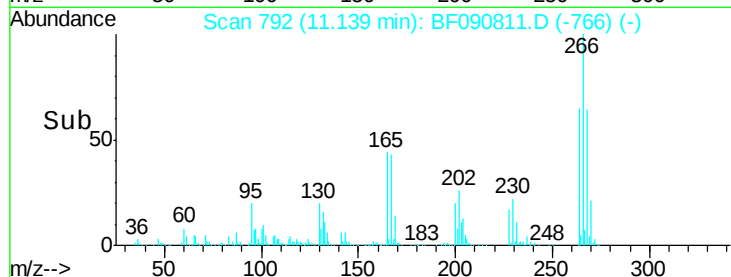
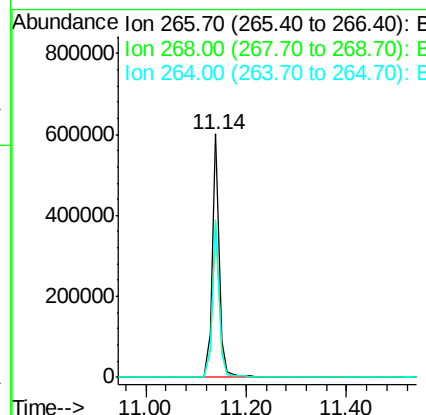
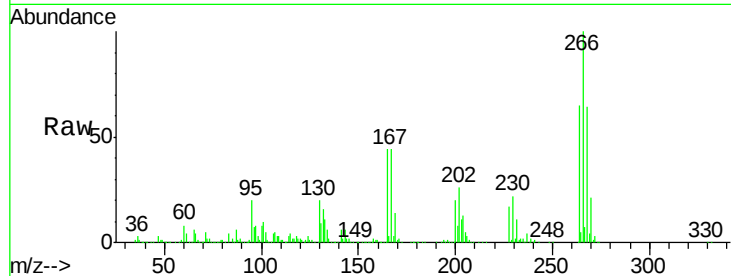
#69
 Pentachlorophenol
 Concen: 85.04 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.6
264	64.7	50.2	75.2

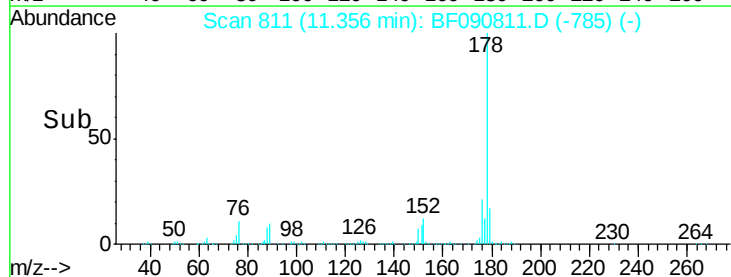
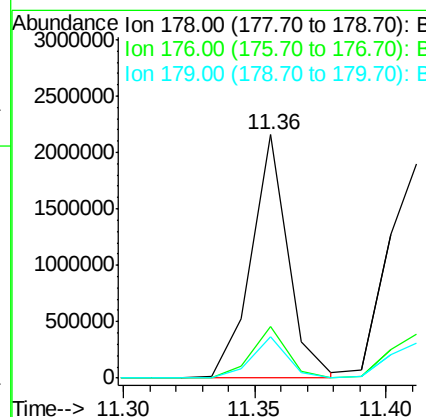
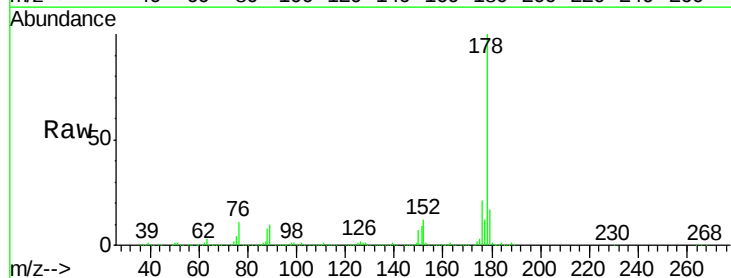
Manual Integrations
 APPROVED

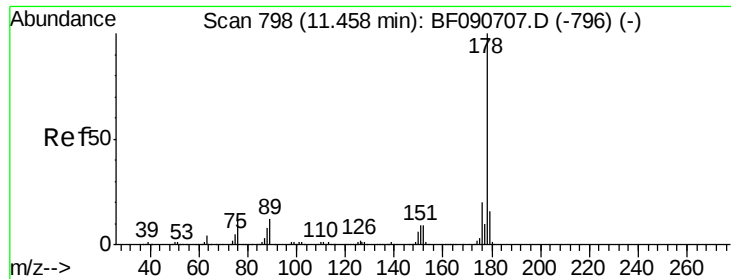
umangi
 10/26/2016 4:45:37 PM



#70
 Phenanthrene
 Concen: 44.35 ng m
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	13.8	20.8#
179	16.8	12.2	18.2





#71

Anthracene

Concen: 47.52 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:178 Resp: 2496238

Ion Ratio Lower Upper

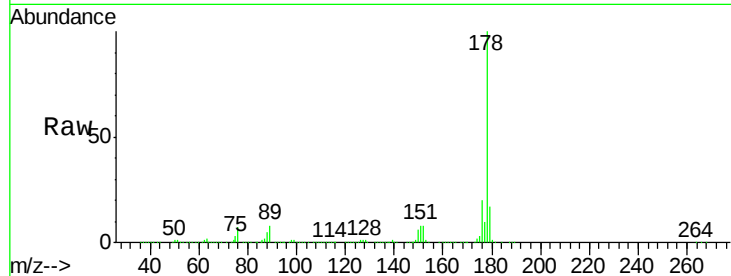
178 100

176 20.5 14.1 21.1

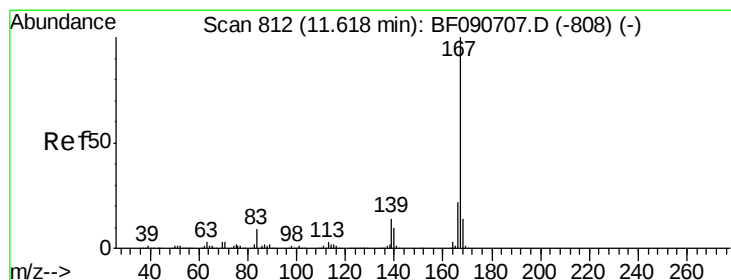
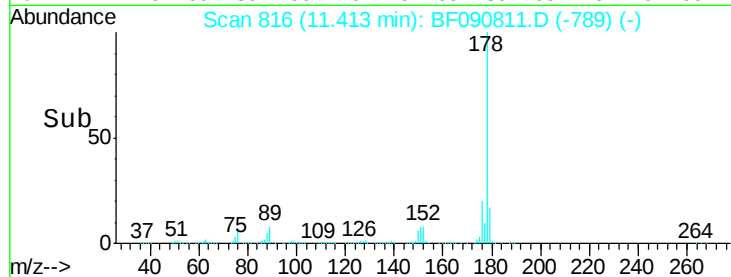
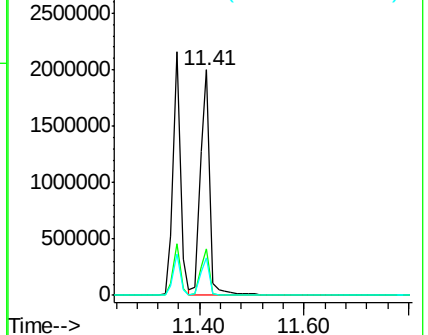
179 16.6 12.2 18.2

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.32 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

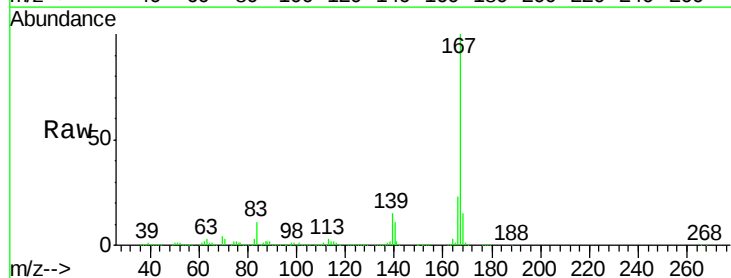
Tgt Ion:167 Resp: 1990492

Ion Ratio Lower Upper

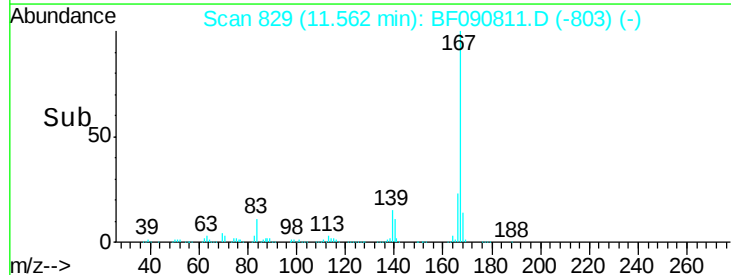
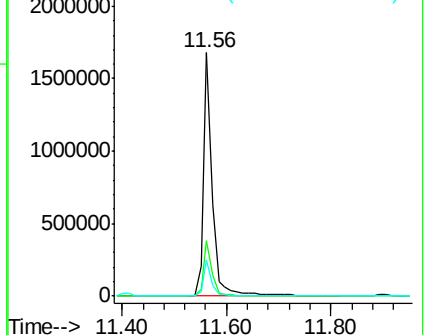
167 100

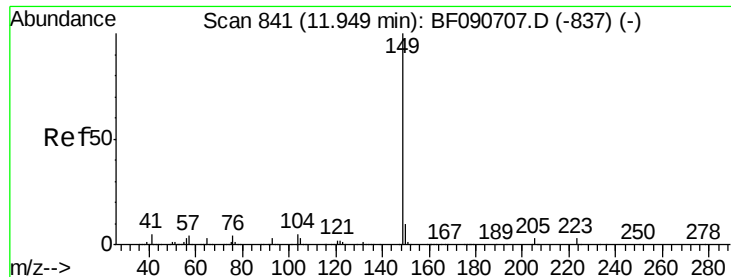
166 22.7 15.7 23.5

139 14.8 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.67 ng

RT: 11.90 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:149 Resp: 2715385

Ion Ratio Lower Upper

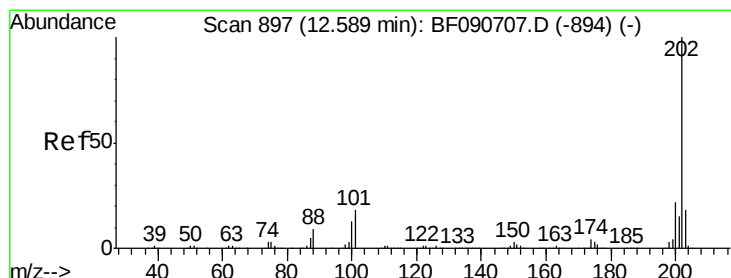
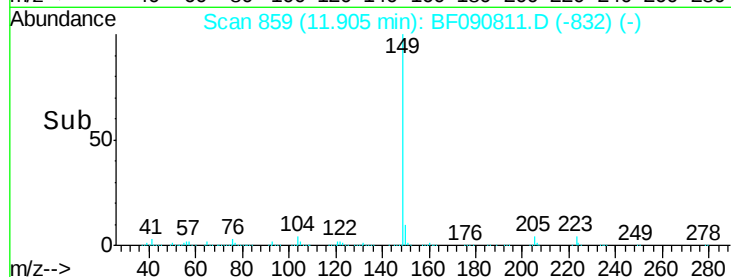
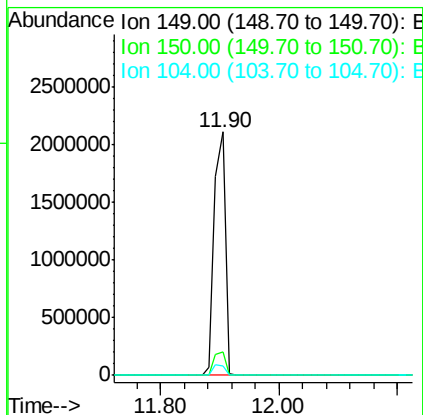
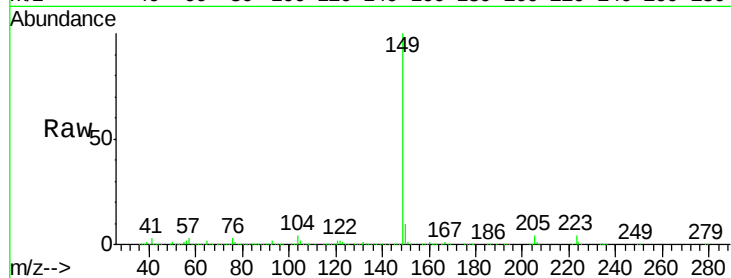
149 100

150 9.7 7.4 11.2

104 4.0 2.4 3.6#

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#74

Fluoranthene

Concen: 50.28 ng

RT: 12.54 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

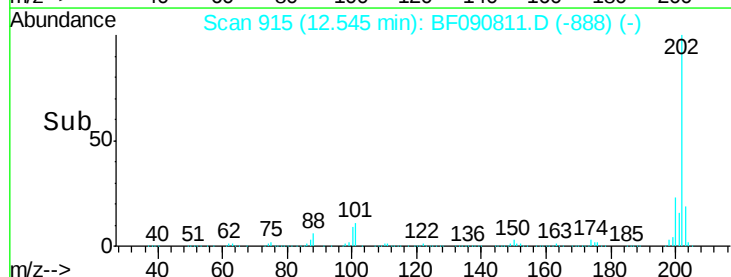
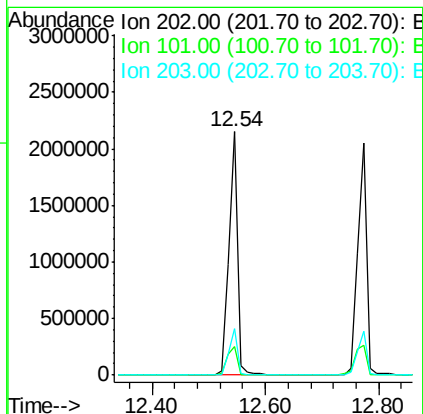
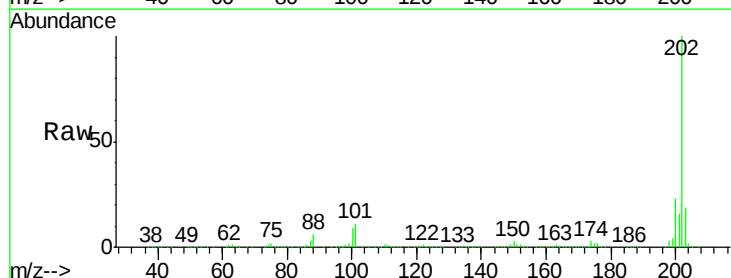
Tgt Ion:202 Resp: 2303669

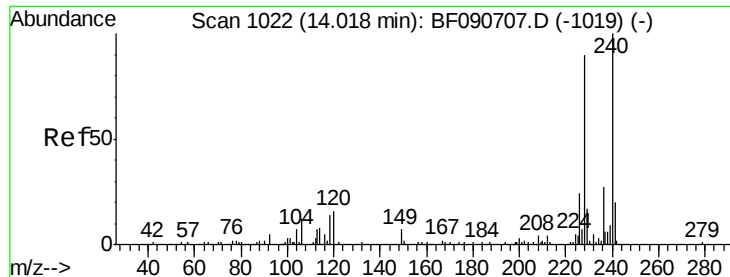
Ion Ratio Lower Upper

202 100

101 11.5 0.0 38.3

203 18.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Instrument :

BNA_F

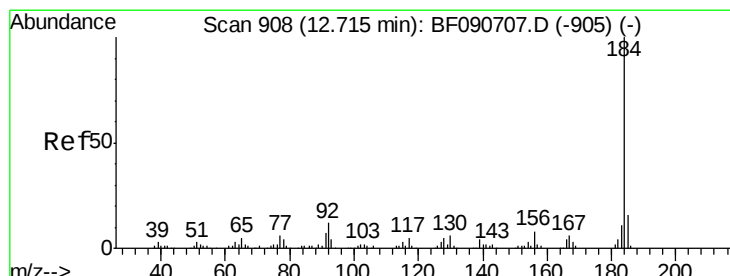
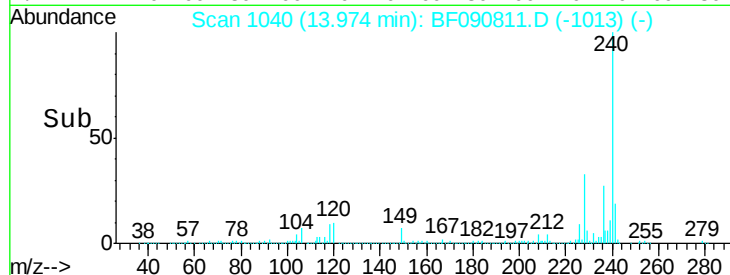
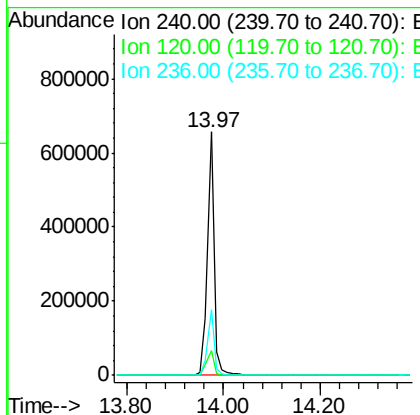
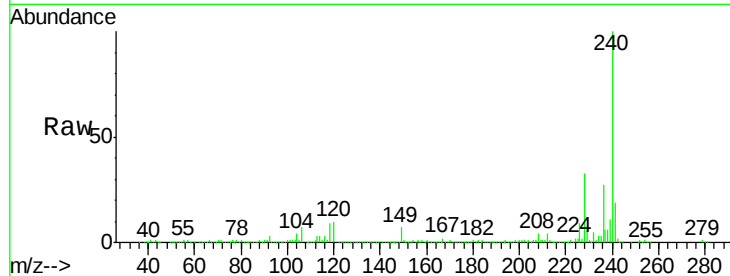
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	16.2	24.2#
236	27.0	18.4	27.6

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#76

Benzidine

Concen: 15.78 ng

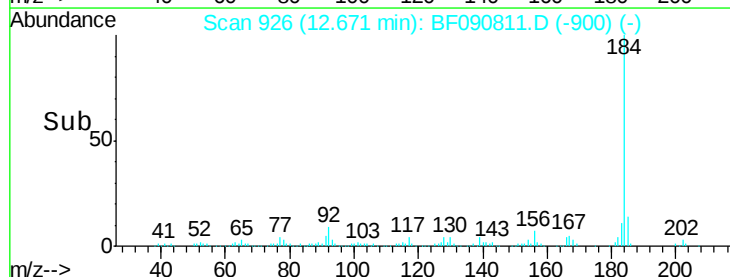
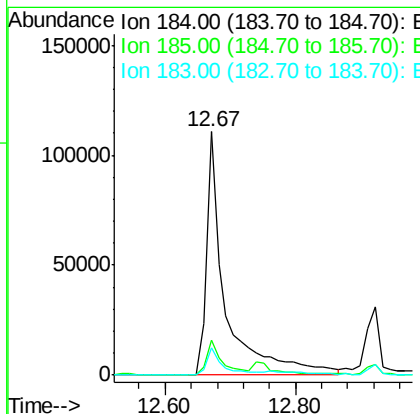
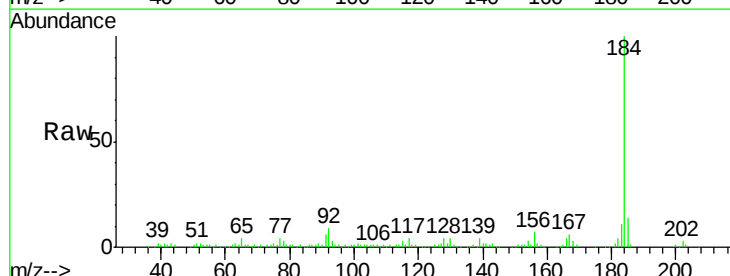
RT: 12.67 min Scan# 926

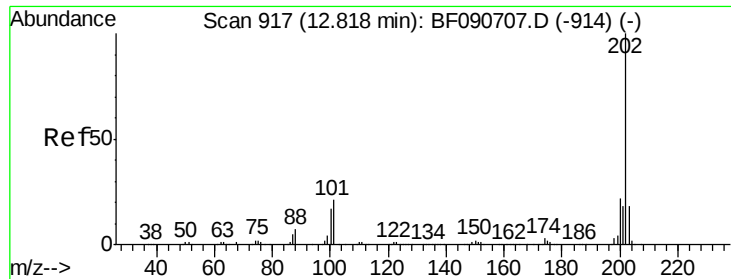
Delta R.T. -0.00 min

Lab File: BF090811.D

Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	11.0	7.6	11.4





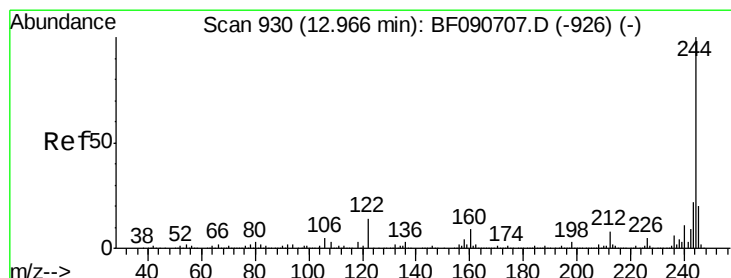
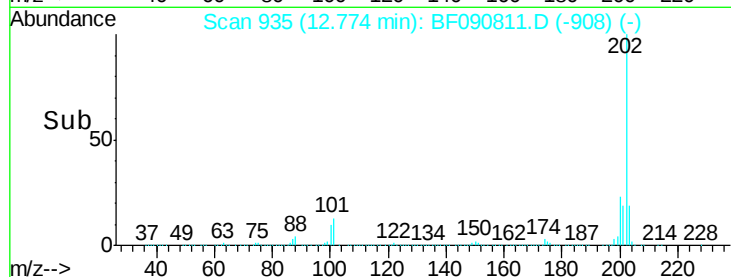
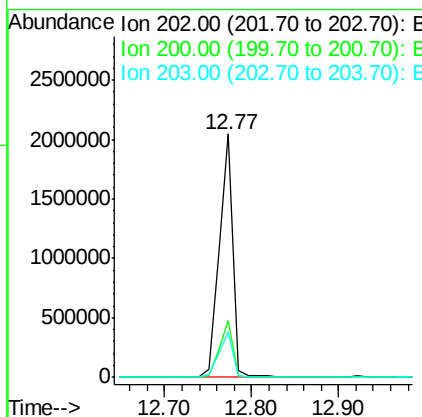
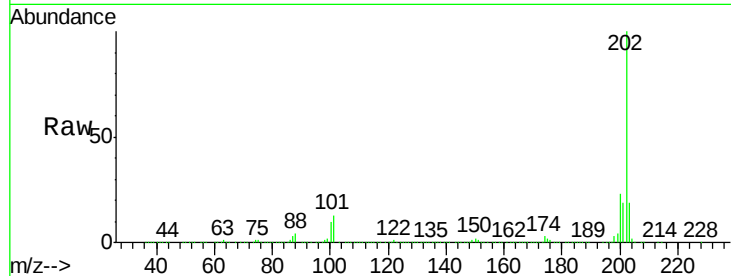
#77
Pvrene
Concen: 50.82 ng
RT: 12.77 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:202 Resp: 2263756
Ion Ratio Lower Upper
202 100
200 23.2 15.0 22.4#
203 18.8 14.1 21.1

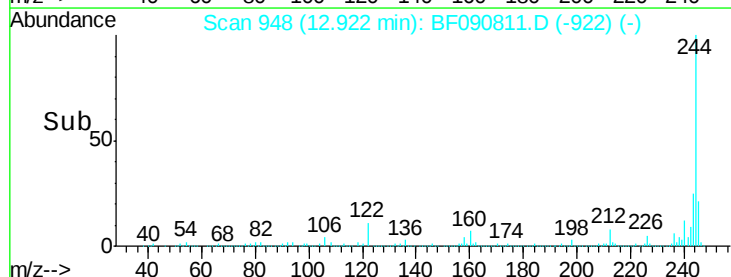
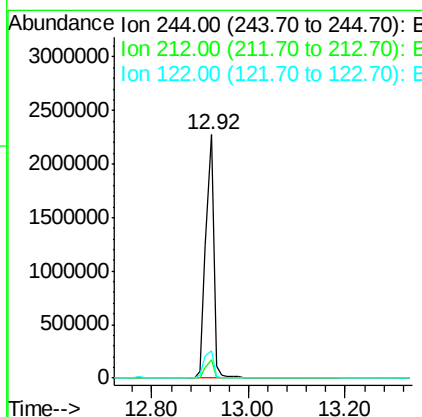
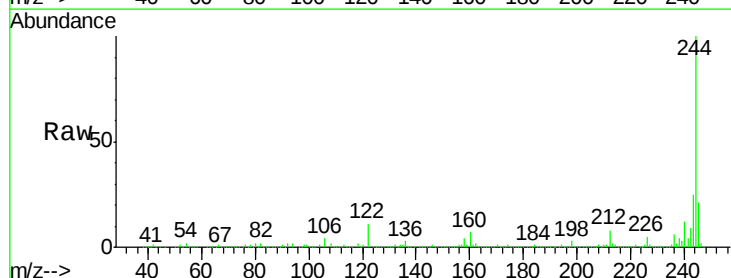
Manual Integrations
APPROVED

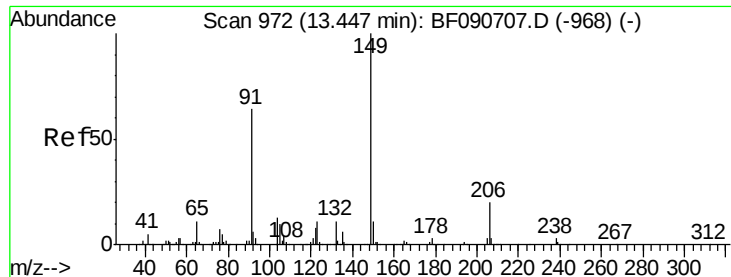
umangi
10/26/2016 4:45:37 PM



#78
Terphenyl-d14
Concen: 94.55 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion:244 Resp: 2631096
Ion Ratio Lower Upper
244 100
212 7.6 4.3 6.5#
122 11.0 17.4 26.2#





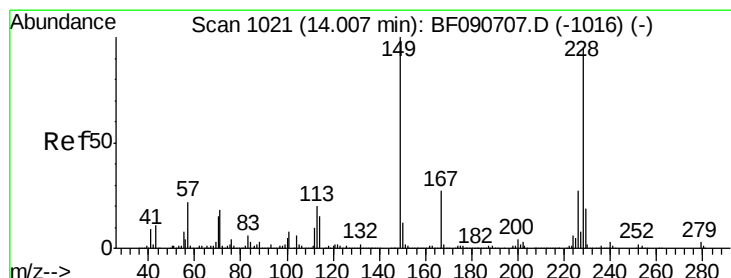
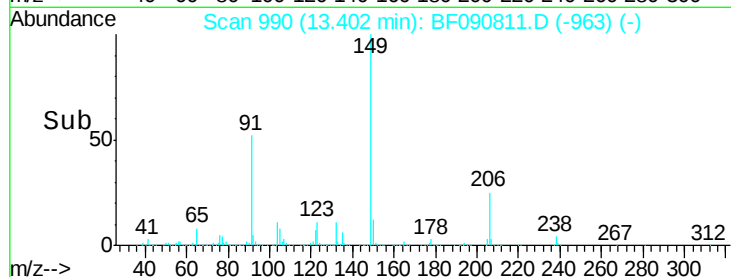
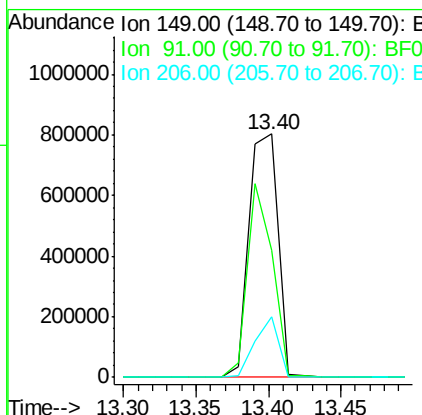
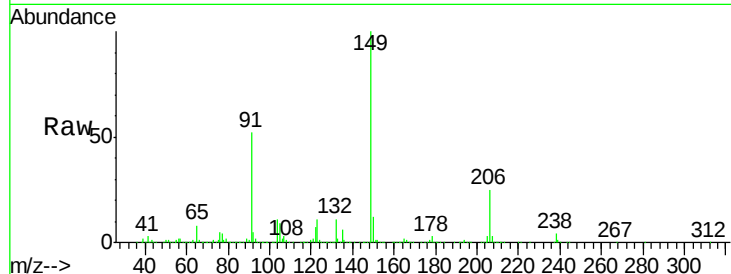
#79
Butylbenzylphthalate
Concen: 54.51 ng
RT: 13.40 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:149 Resp: 1116009
Ion Ratio Lower Upper
149 100
91 52.1 48.6 72.8
206 24.7 14.9 22.3#

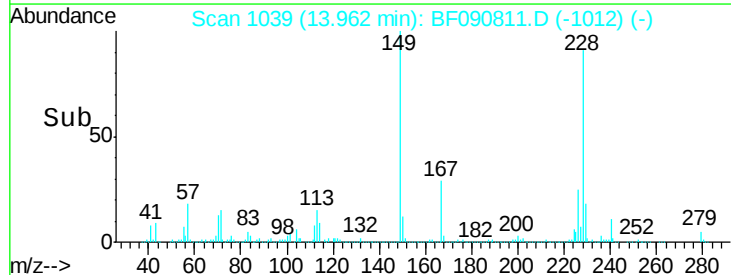
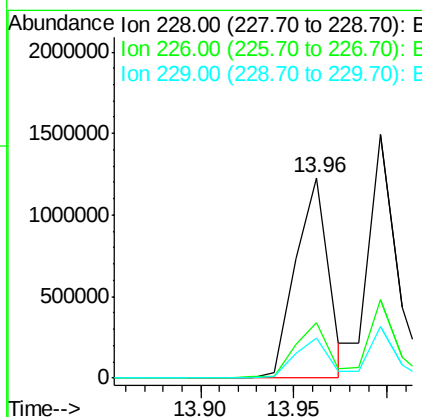
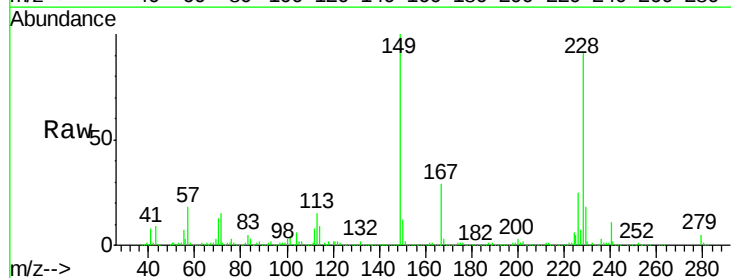
Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



#80
Benzo(a)anthracene
Concen: 43.68 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion:228 Resp: 1524540
Ion Ratio Lower Upper
228 100
226 27.5 20.0 30.0
229 20.2 15.4 23.2





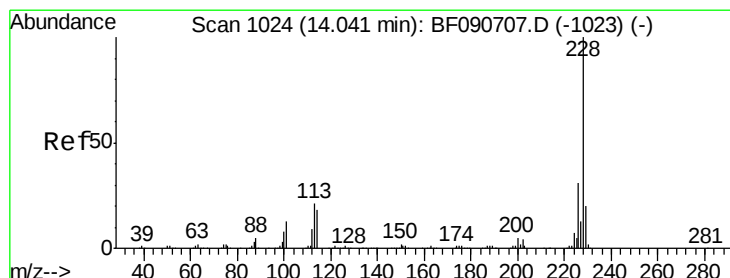
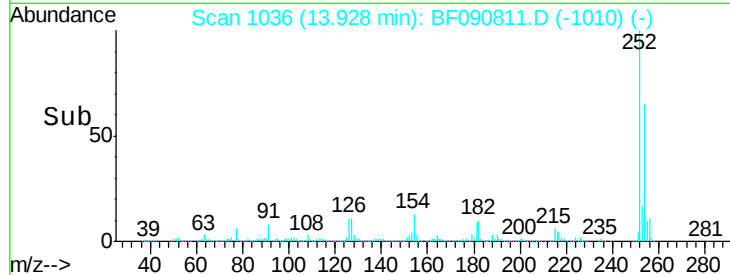
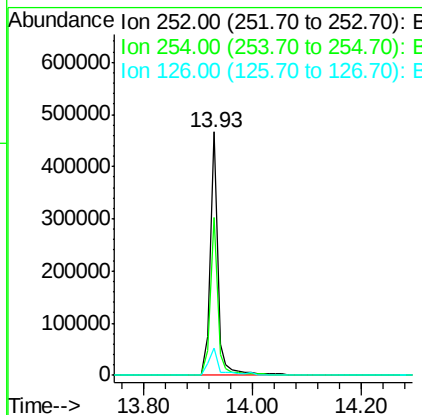
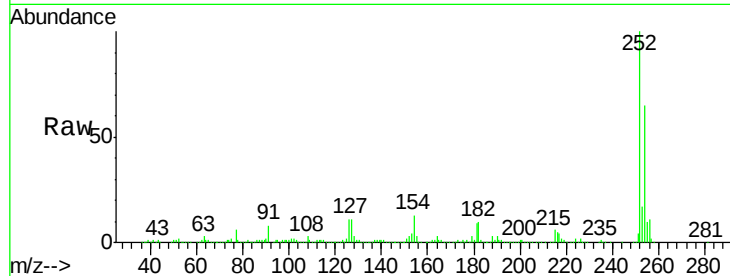
#81
 3,3'-Dichlorobenzidine
 Concen: 38.32 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	463514		
254	65.1	51.4	77.2	
126	11.0	16.4	24.6	

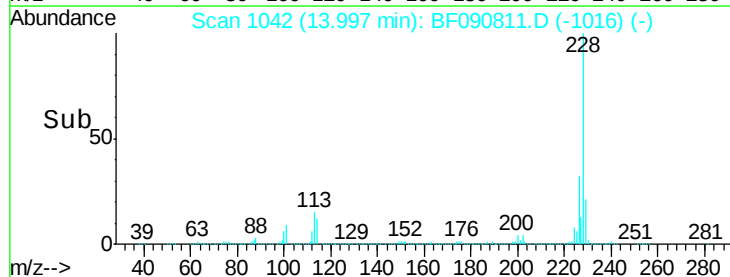
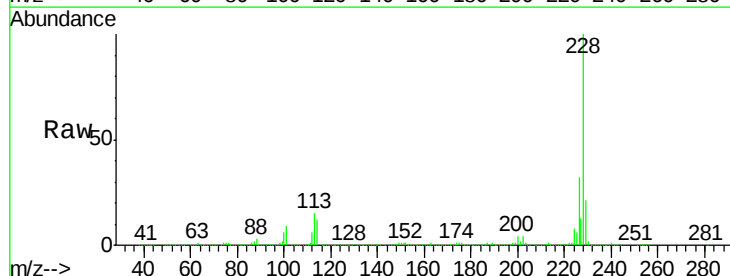
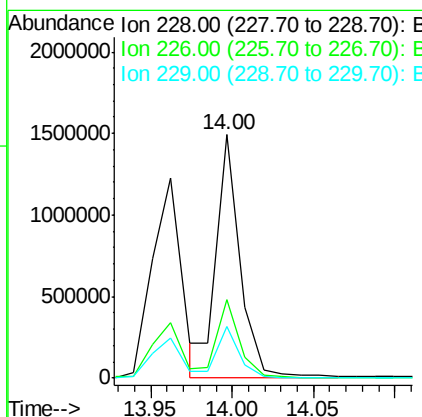
Manual Integrations
 APPROVED

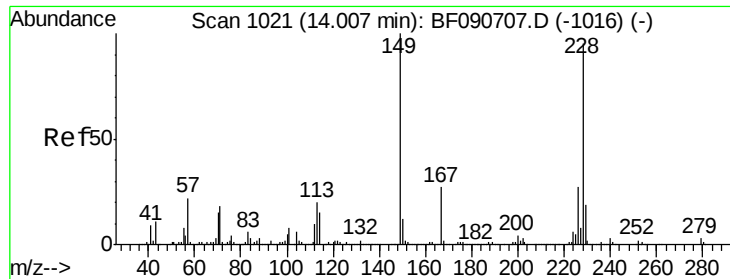
umangi
 10/26/2016 4:45:37 PM



#82
 Chrysene
 Concen: 45.72 ng m
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1557327		
226	32.5	21.0	31.4	
229	21.3	15.6	23.4	





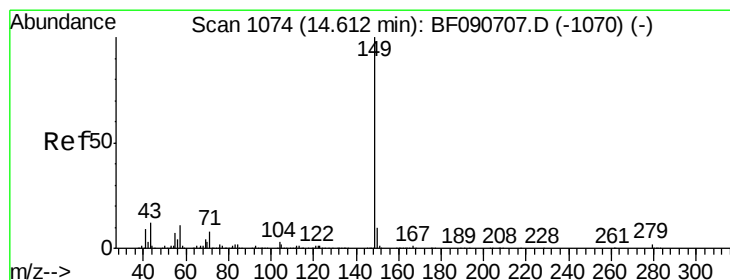
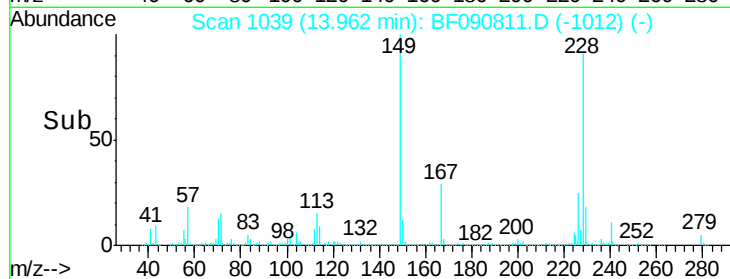
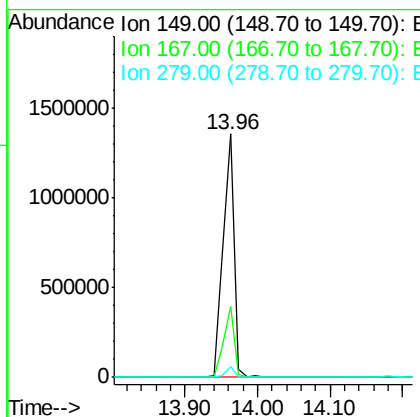
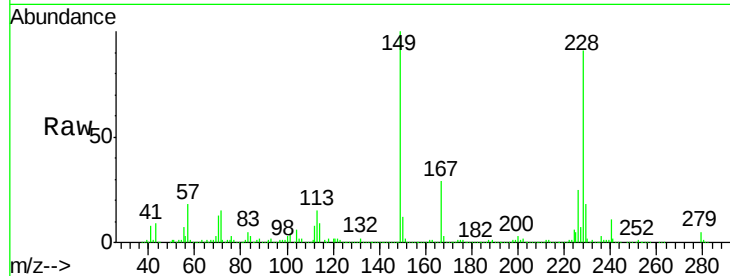
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.68 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion:149 Resp: 1426122
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.2 36.2
 279 4.5 3.8 5.6

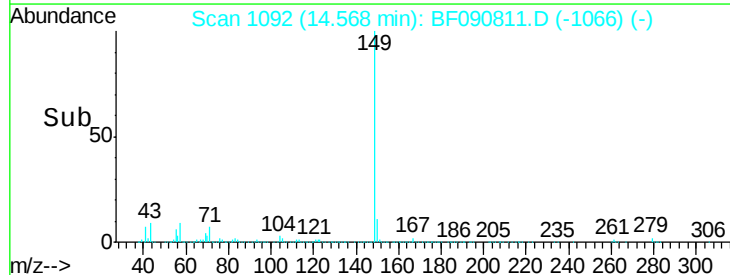
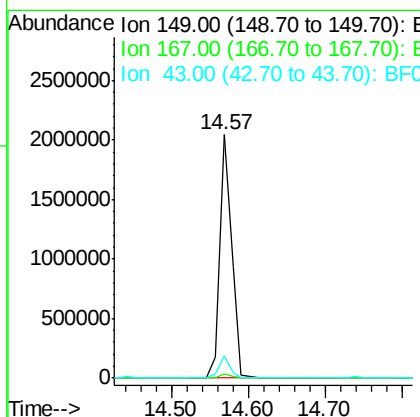
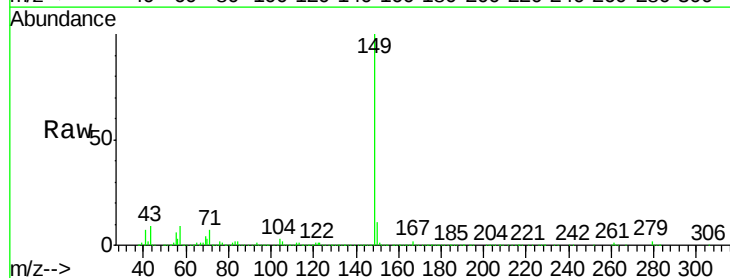
Manual Integrations
 APPROVED

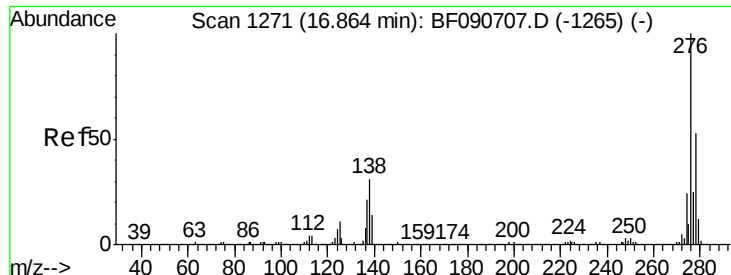
umangi
 10/26/2016 4:45:37 PM



#84
 Di-n-octyl phthalate
 Concen: 49.53 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Tgt Ion:149 Resp: 2202116
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 8.4 10.2 15.2#





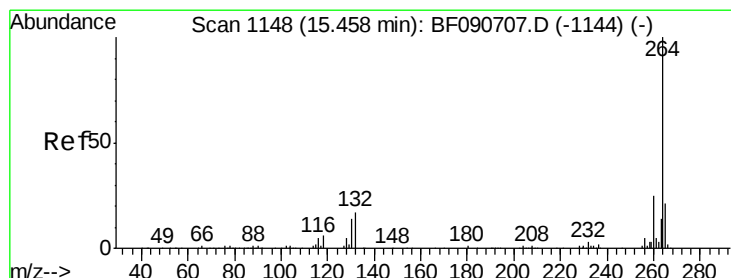
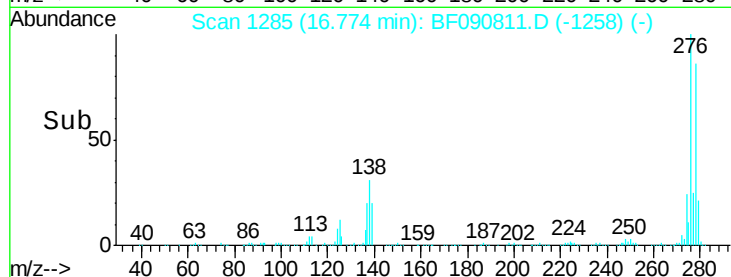
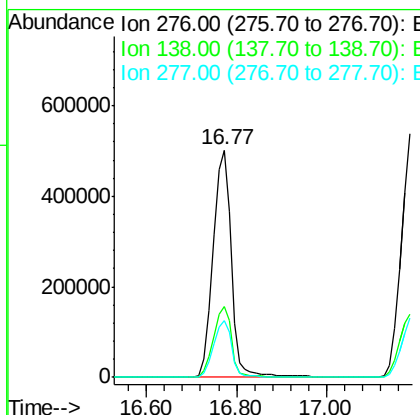
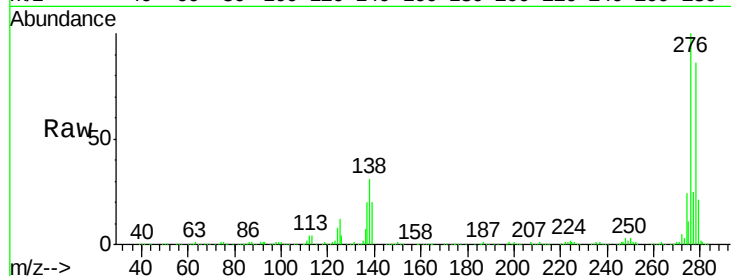
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.00 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:276 Resp: 1426522
Ion Ratio Lower Upper
276 100
138 31.5 25.7 38.5
277 25.1 15.6 23.4#

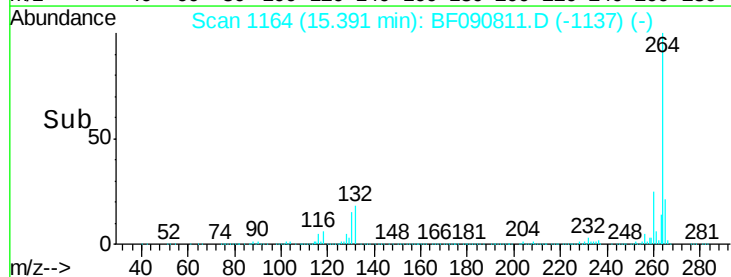
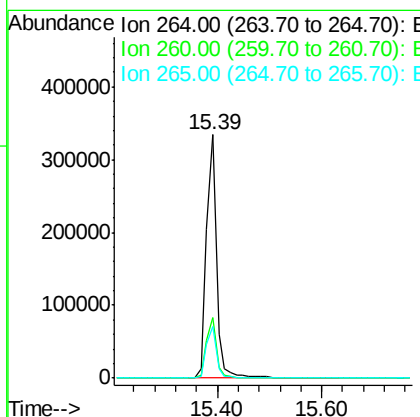
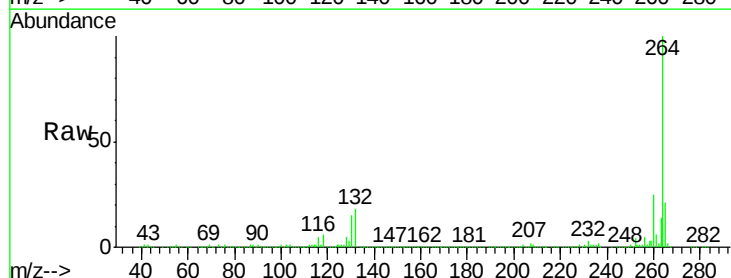
Manual Integrations
APPROVED

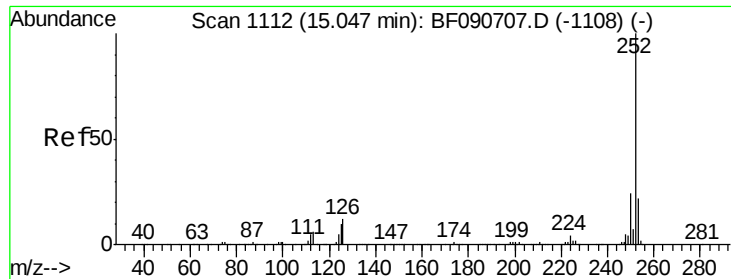
umangi
10/26/2016 4:45:37 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion:264 Resp: 452516
Ion Ratio Lower Upper
264 100
260 25.1 16.7 25.1
265 21.2 17.2 25.8





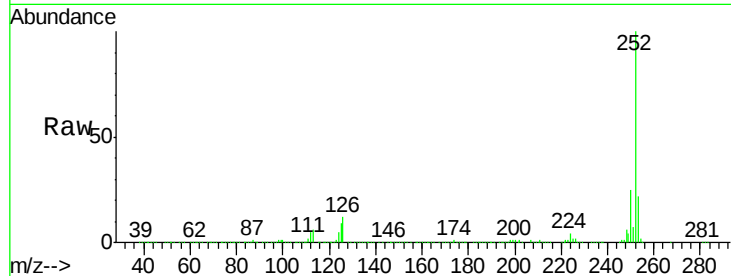
#87
Benzo(b)fluoranthene
Concen: 57.17 ng m
RT: 14.99 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

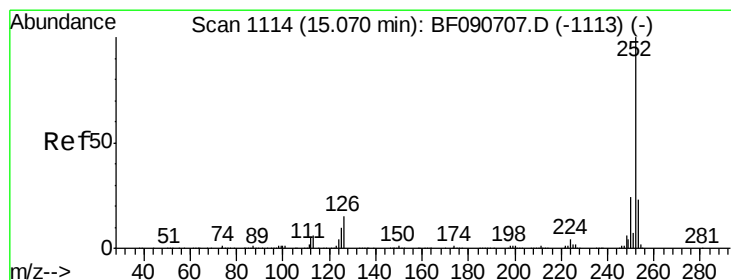
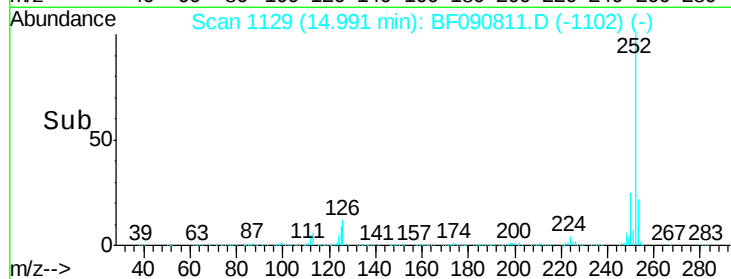
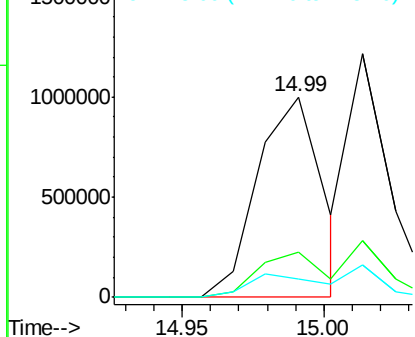
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.4	17.1	25.7

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



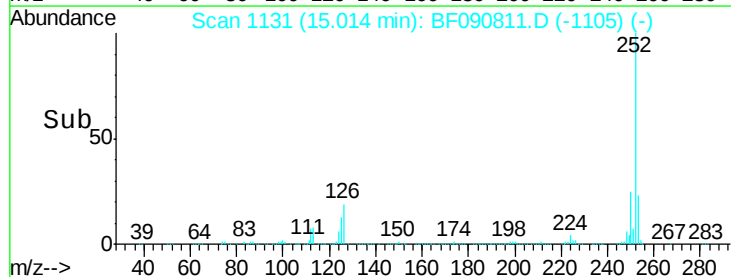
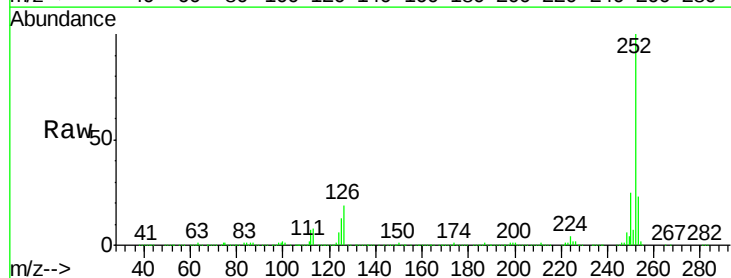
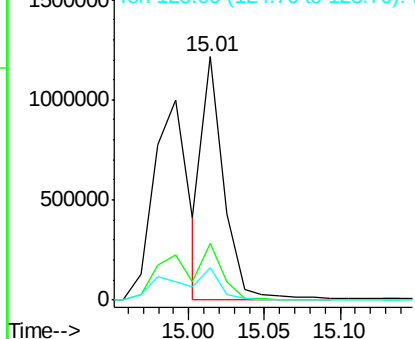
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

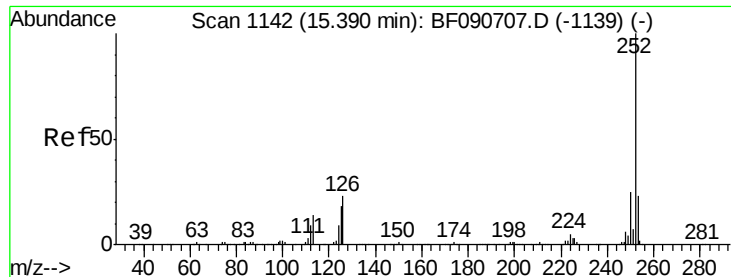


#88
Benzo(k)fluoranthene
Concen: 43.70 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	13.3	16.0	24.0

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





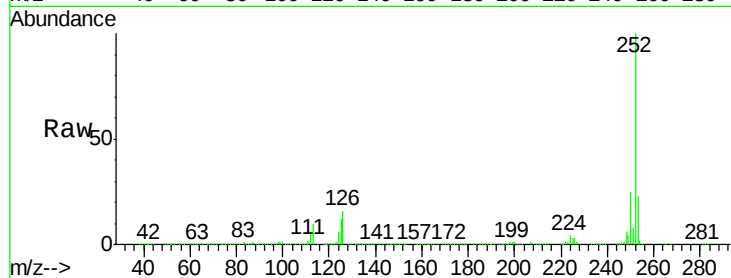
#89
Benzo(a)pyrene
Concen: 50.84 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

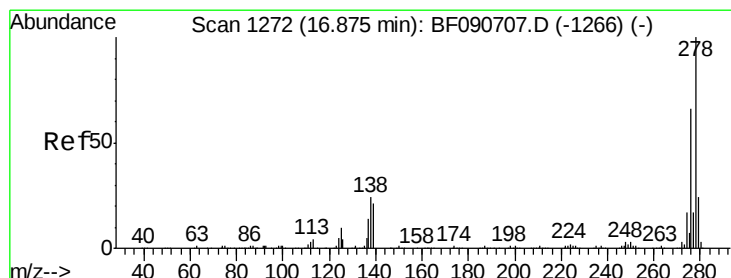
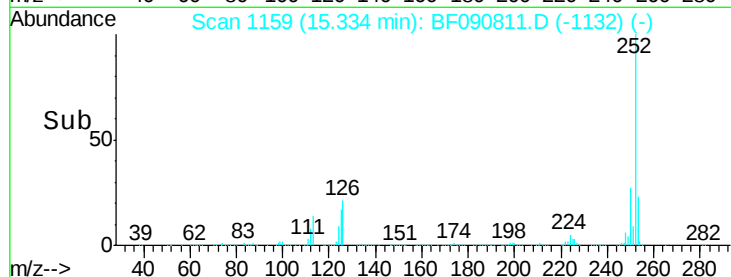
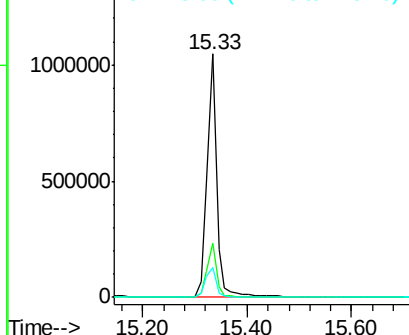
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.5	18.0	27.0

Manual Integrations
APPROVED

umangi
10/26/2016 4:45:37 PM



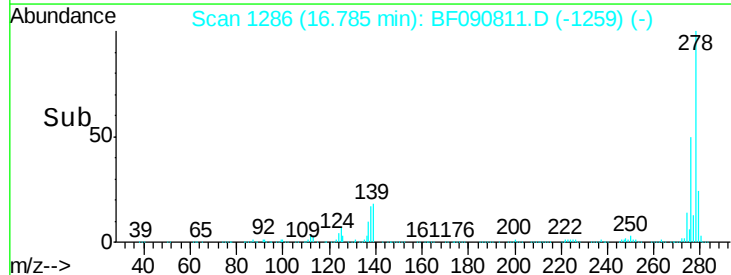
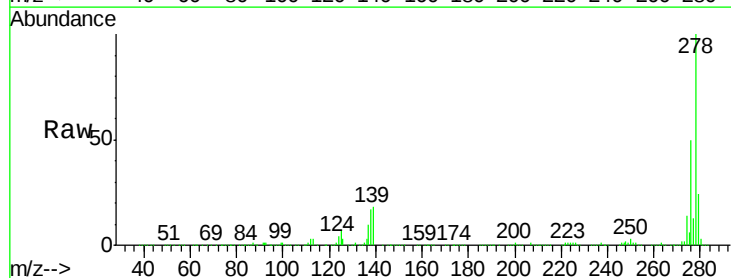
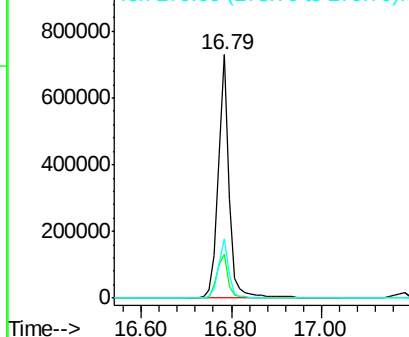
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

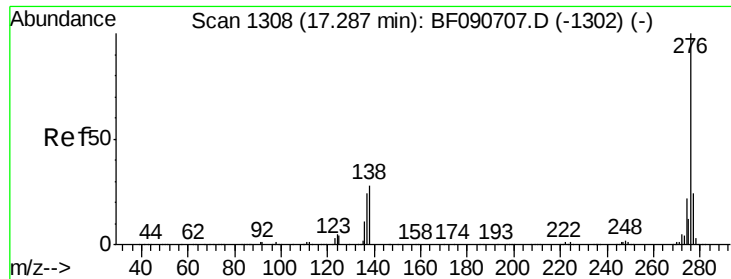


#90
Dibenzo(a,h)anthracene
Concen: 49.29 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF090811.D
Acq: 25 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	26.3	39.5
279	24.3	18.2	27.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 46.62 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.02 min
 Lab File: BF090811.D
 Acq: 25 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	25.9	34.6	51.8

Manual Integrations
 APPROVED

umangi
 10/26/2016 4:45:37 PM

