

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
 Data File : BF084927.D
 Acq On : 8 Feb 2016 14:31
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM

Quant Time: Feb 09 02:41:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	187116	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	773408	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	363185	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	701746	20.00	ng	-0.05
75) Chrysene-d12	13.80	240	512937	20.00	ng	-0.03
86) Perylene-d12	15.16	264	424899	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	911129	75.84	ng	-0.05
7) Phenol-d6	6.32	99	1192613	80.08	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1087940	79.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	283073	74.72	ng	-0.05
44) 2-Fluorobiphenyl	9.02	172	2001335	97.69	ng	-0.03
78) Terphenyl-d14	12.75	244	1649005	72.85	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	165569m	31.47	ng	
3) Pyridine	2.76	79	565977	41.28	ng	# 71
4) n-Nitrosodimethylamine	2.73	42	283293	39.95	ng	# 77
6) Aniline	6.32	93	705357	38.71	ng	90
8) 2-Chlorophenol	6.44	128	552646	40.64	ng	95
9) Benzaldehyde	6.19	77	308755	35.11	ng	96
10) Phenol	6.33	94	721105	43.22	ng	94
11) bis(2-Chloroethyl)ether	6.40	93	474940	36.51	ng	84
12) 1,3-Dichlorobenzene	6.59	146	575459m	40.06	ng	
13) 1,4-Dichlorobenzene	6.67	146	578222	40.26	ng	94
14) 1,2-Dichlorobenzene	6.82	146	466295	34.86	ng	95
15) Benzyl Alcohol	6.81	79	375745	36.54	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.94	45	821386	37.53	ng	91
17) 2-Methylphenol	6.93	107	413537	38.45	ng	# 90
18) Hexachloroethane	7.16	117	219779	39.74	ng	97
19) n-Nitroso-di-n-propylamine	7.08	70	366867	39.30	ng	# 70
20) 3+4-Methylphenols	7.09	107	546501	40.94	ng	88
22) Acetophenone	7.08	105	825159	40.48	ng	# 96
24) Nitrobenzene	7.24	77	556266	37.84	ng	92
25) Isophorone	7.49	82	1078648	40.40	ng	99
26) 2-Nitrophenol	7.56	139	282217	38.92	ng	# 84
27) 2,4-Dimethylphenol	7.62	122	514147	40.76	ng	91
28) bis(2-Chloroethoxy)methane	7.71	93	645827	40.78	ng	97
29) 2,4-Dichlorophenol	7.81	162	450265	41.72	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	449846	36.91	ng	96
31) Naphthalene	7.96	128	1431372	36.90	ng	99
32) Benzoic acid	7.78	122	386292	47.88	ng	94
33) 4-Chloroaniline	8.02	127	592357	36.92	ng	97
34) Hexachlorobutadiene	8.09	225	275107	39.14	ng	98
35) Caprolactam	8.42	113	152081	45.72	ng	# 67
36) 4-Chloro-3-methylphenol	8.52	107	542686	44.08	ng	98
37) 2-Methylnaphthalene	8.65	142	952136	39.21	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	430786	37.35	ng	99
40) Hexachlorocyclopentadiene	8.81	237	199358	47.25	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
 Data File : BF084927.D
 Acq On : 8 Feb 2016 14:31
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM

Quant Time: Feb 09 02:41:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	288962	38.89	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	289538	38.35	ng #	84
45) 1,1'-Biphenyl	9.12	154	1136134	35.02	ng	100
46) 2-Chloronaphthalene	9.14	162	874567	36.61	ng	95
47) 2-Nitroaniline	9.24	65	278739	36.85	ng	97
48) Acenaphthylene	9.55	152	1305293	36.01	ng	97
49) Dimethylphthalate	9.44	163	1187553	42.93	ng #	91
50) 2,6-Dinitrotoluene	9.49	165	269059	44.53	ng #	73
51) Acenaphthene	9.72	154	831076	35.24	ng	98
52) 3-Nitroaniline	9.66	138	295827	43.57	ng #	64
53) 2,4-Dinitrophenol	9.77	184	118566	45.23	ng	91
54) Dibenzofuran	9.89	168	1058236	36.71	ng	93
55) 4-Nitrophenol	9.84	139	176105	35.29	ng #	80
56) 2,4-Dinitrotoluene	9.89	165	310148	40.24	ng #	78
57) Fluorene	10.24	166	943192	39.18	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	239894	41.74	ng	91
59) Diethylphthalate	10.12	149	1032002	38.21	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	490629	49.19	ng #	87
61) 4-Nitroaniline	10.27	138	261414	39.51	ng	95
62) Azobenzene	10.40	77	1070648	41.22	ng	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	187520	43.30	ng	90
65) n-Nitrosodiphenylamine	10.35	169	861149	38.65	ng	98
66) 4-Bromophenyl-phenylether	10.72	248	288699	37.25	ng #	77
67) Hexachlorobenzene	10.78	284	348528	41.27	ng #	89
68) Atrazine	10.89	200	260276	36.99	ng	97
69) Pentachlorophenol	10.98	266	122465	30.85	ng	98
70) Phenanthrene	11.20	178	1607774	41.31	ng	97
71) Anthracene	11.24	178	1427505	36.40	ng	99
72) Carbazole	11.40	167	1221546	35.72	ng	99
73) Di-n-butylphthalate	11.75	149	1790968	41.14	ng #	97
74) Fluoranthene	12.37	202	1514954	38.46	ng	97
76) Benzidine	12.50	184	610210	33.55	ng	98
77) Pyrene	12.60	202	1648548	41.98	ng	98
79) Butylbenzylphthalate	13.23	149	672734	37.76	ng	93
80) Benzo(a)anthracene	13.79	228	1227955	38.57	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	440432	39.07	ng #	94
82) Chrysene	13.83	228	1187128	38.45	ng	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	827605	37.33	ng	99
84) Di-n-octyl phthalate	14.41	149	1427260	39.02	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.43	276	953069	39.22	ng	99
87) Benzo(b)fluoranthene	14.79	252	957321m	33.53	ng	
88) Benzo(k)fluoranthene	14.82	252	1052204m	44.58	ng	
89) Benzo(a)pyrene	15.11	252	898325	36.93	ng #	96
90) Dibenzo(a,h)anthracene	16.44	278	781034	38.14	ng #	96
91) Benzo(g,h,i)perylene	16.81	276	811480	39.34	ng	98

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

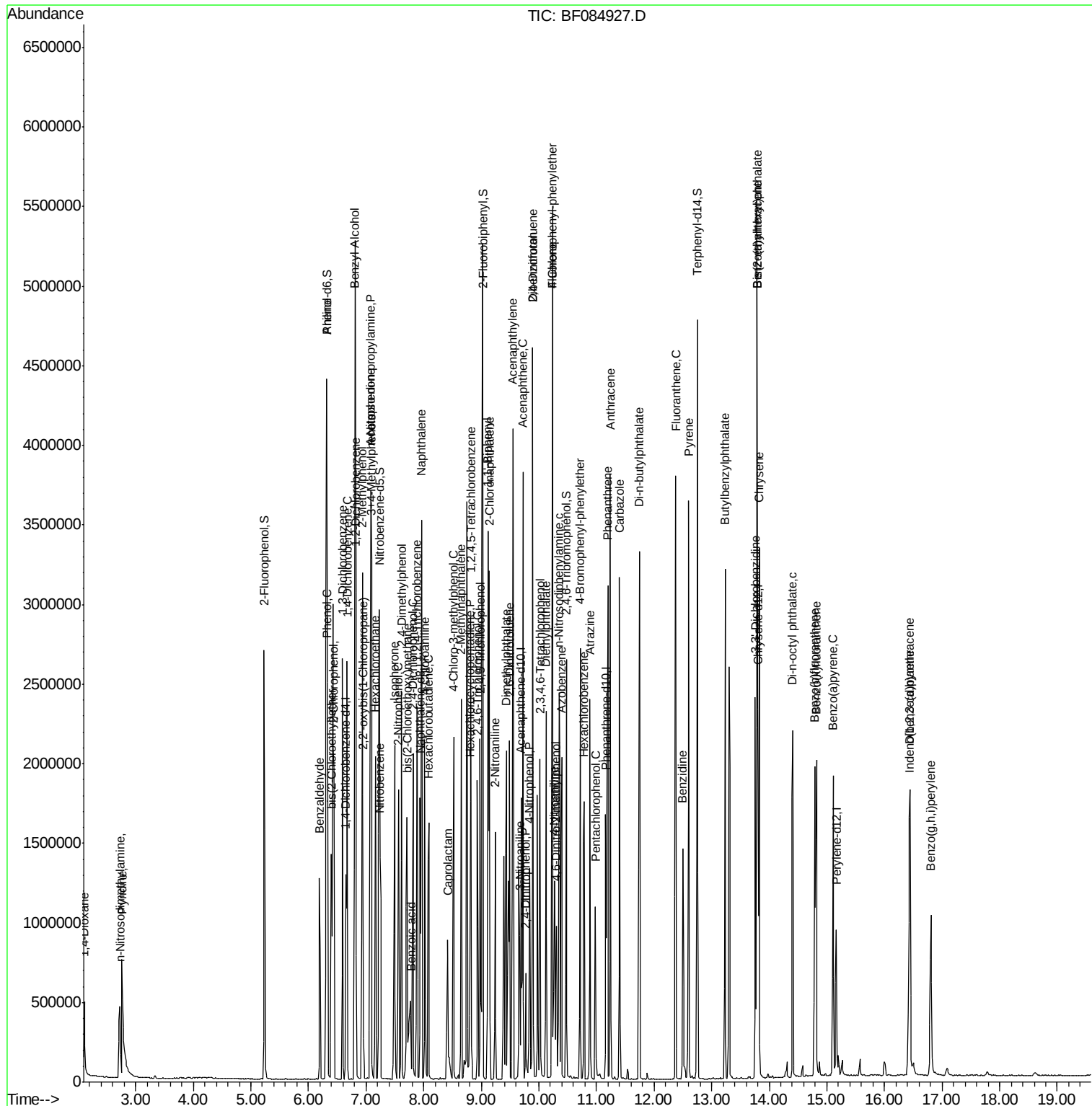
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084927.D
Acq On : 8 Feb 2016 14:31
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

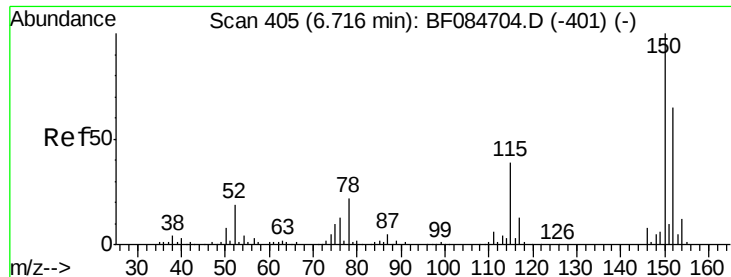
Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM

Quant Time: Feb 09 02:41:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

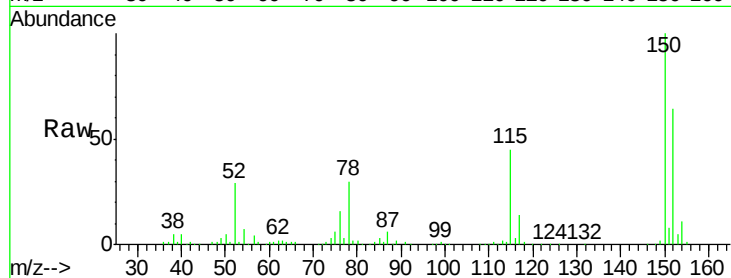




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

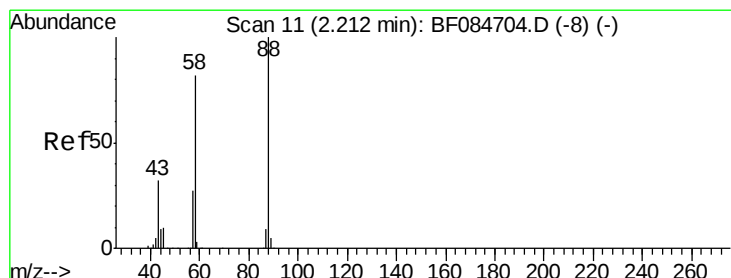
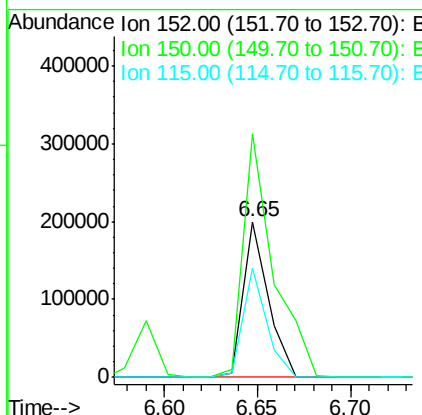
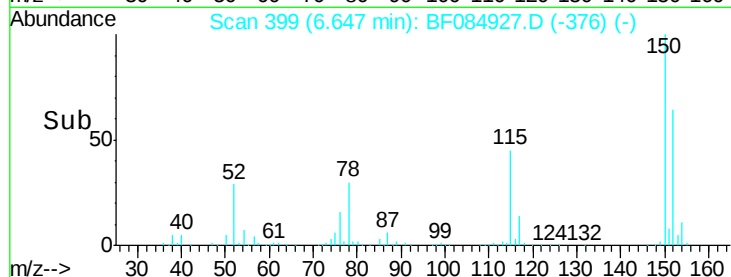
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	187116		
150	156.7	123.0	184.4	
115	70.5	51.4	77.2	

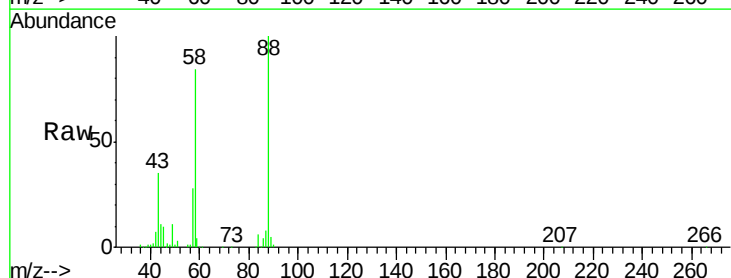
Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM

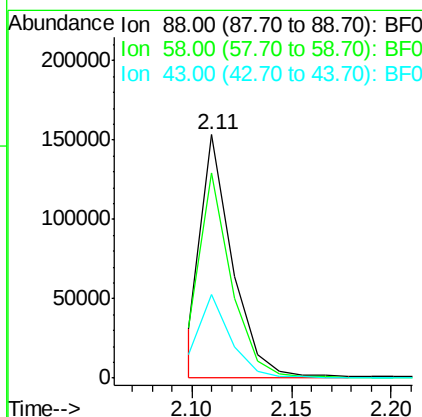
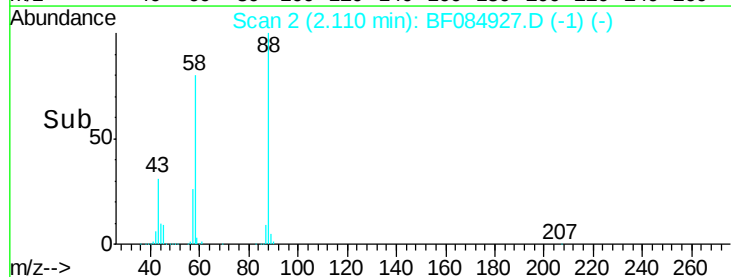


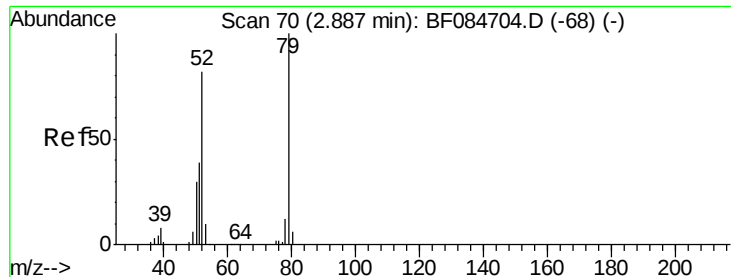
#2

1,4-Dioxane
Concen: 31.47 ng m
RT: 2.11 min Scan# 2
Delta R.T. -0.07 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31



Tgt Ion	Ratio	Resp	Lower	Upper
88	100	165569		
58	0.0	51.2	76.8#	
43	0.0	19.5	29.3#	





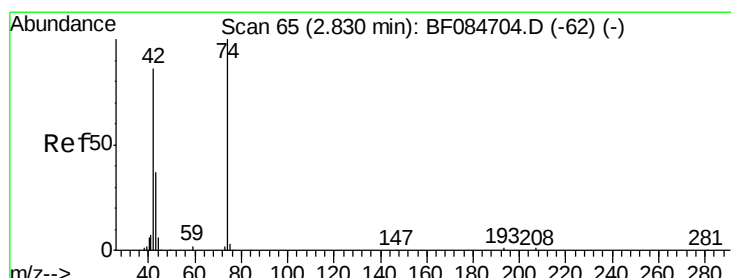
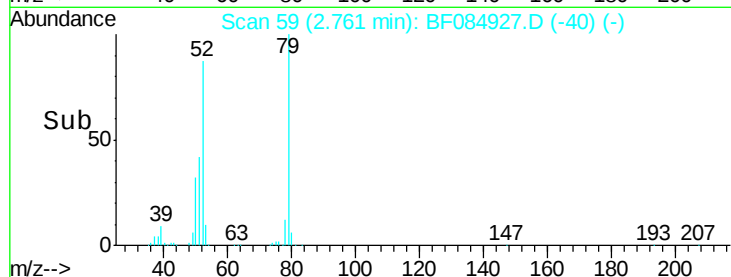
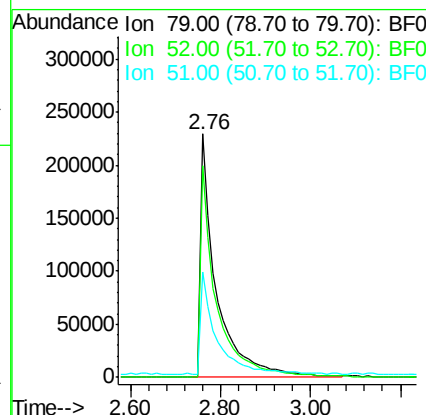
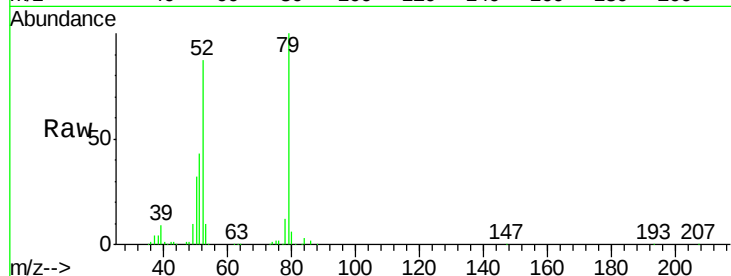
#3
 Pyridine
 Concen: 41.28 ng
 RT: 2.76 min Scan# 59
 Delta R.T. -0.08 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	86.8	49.0	73.4#
51	43.3	25.2	37.8#

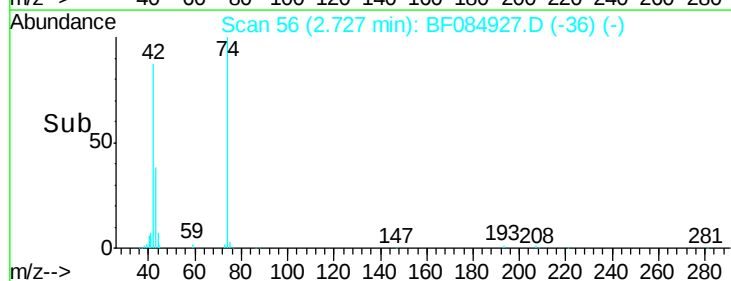
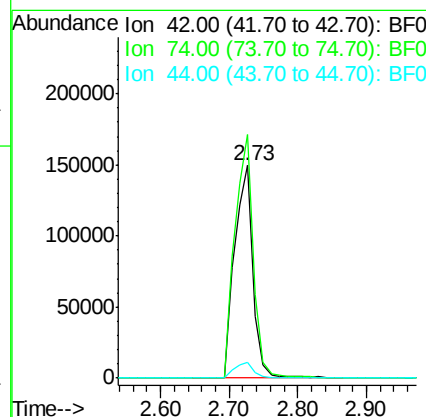
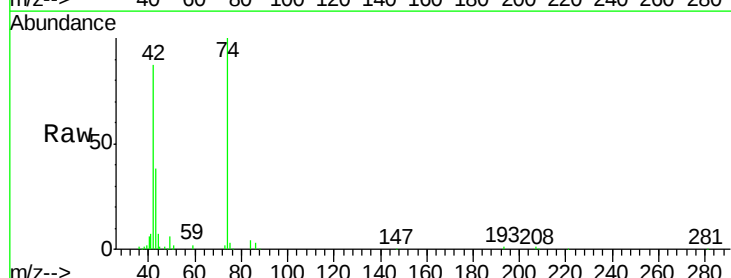
Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.95 ng
 RT: 2.73 min Scan# 56
 Delta R.T. -0.07 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.5	115.7	173.5#
44	7.5	5.1	7.7





#5

2-Fluorophenol

Concen: 75.84 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

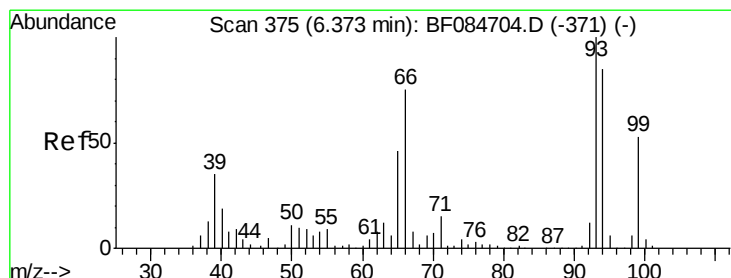
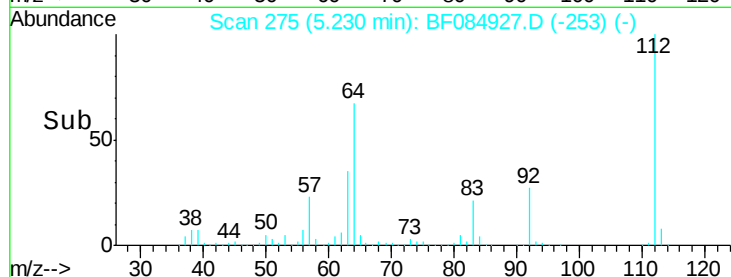
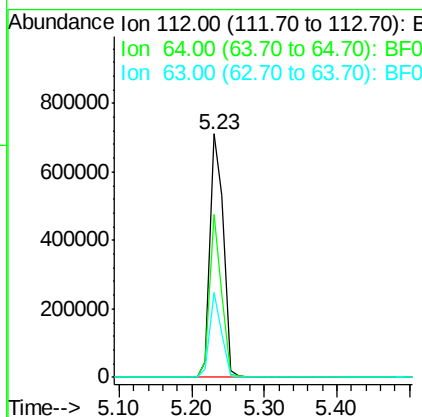
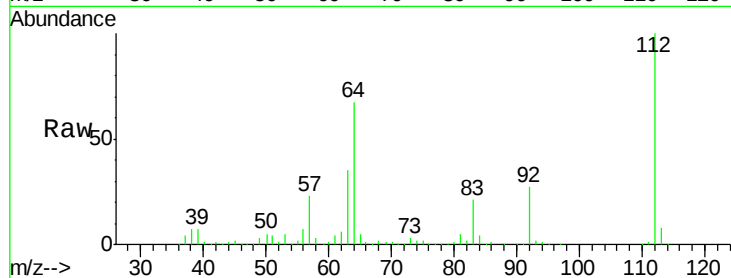
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	911129
Ion Ratio	Lower	Upper	
112	100		
64	66.8	36.6	55.0#
63	35.1	19.4	29.0#

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#6

Aniline

Concen: 38.71 ng

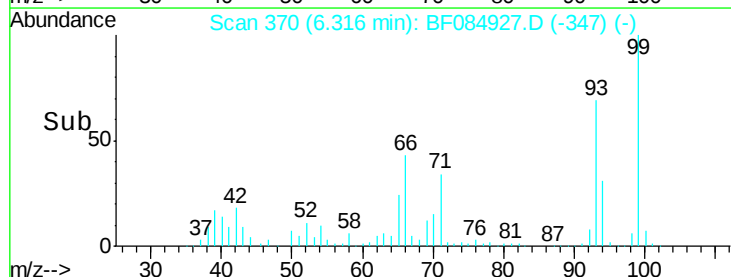
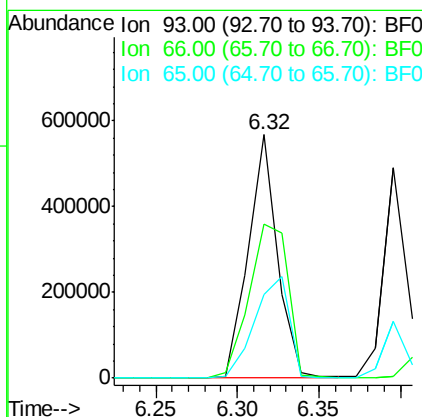
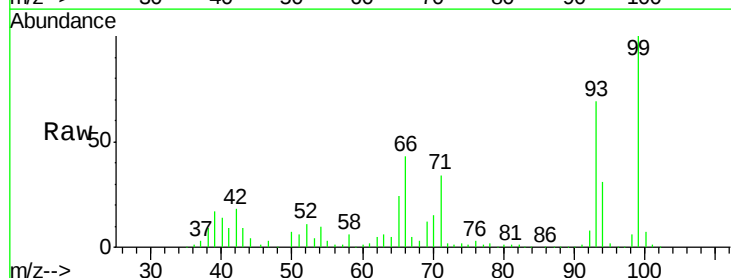
RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	93	Resp:	705357
Ion Ratio	Lower	Upper	
93	100		
66	63.3	44.9	67.3
65	34.3	23.7	35.5





#7

Phenol-d6

Concen: 80.08 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1192613

Ion Ratio Lower Upper

99 100

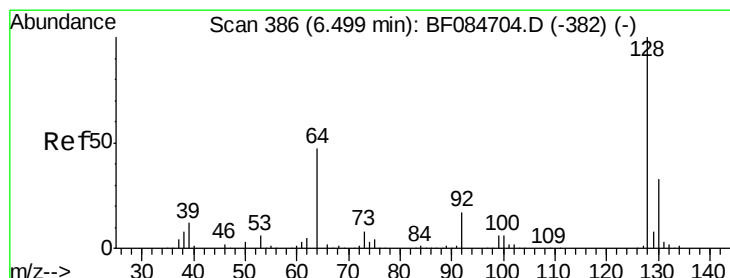
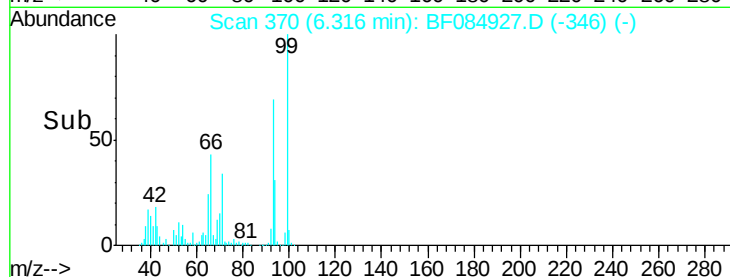
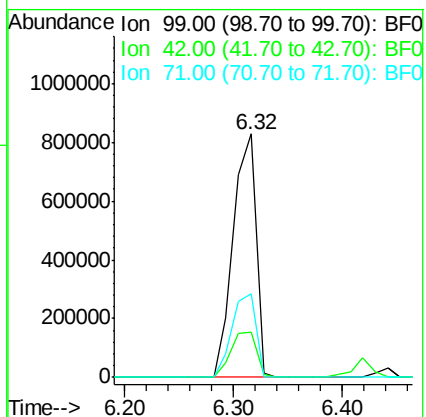
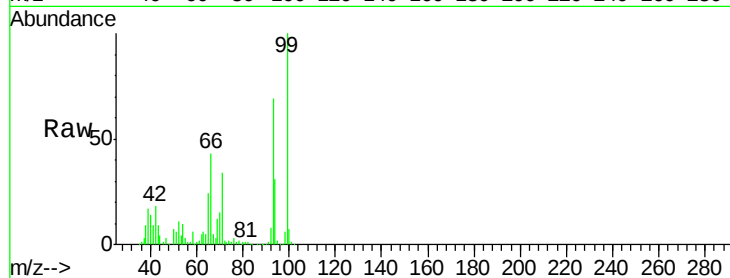
42 18.3 12.8 19.2

71 34.2 30.9 46.3

Manual Integrations
APPROVED

UMANGI

2/9/2016 12:55:52 PM



#8

2-Chlorophenol

Concen: 40.64 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

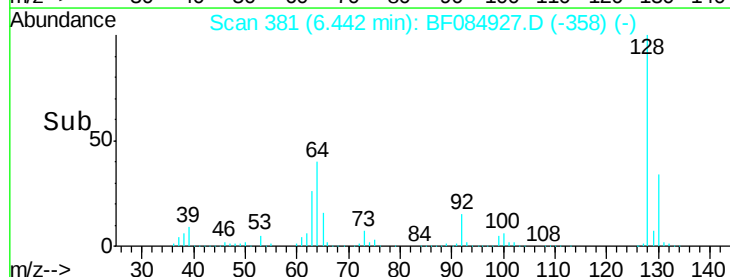
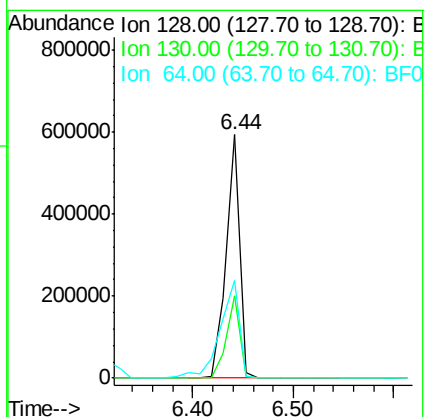
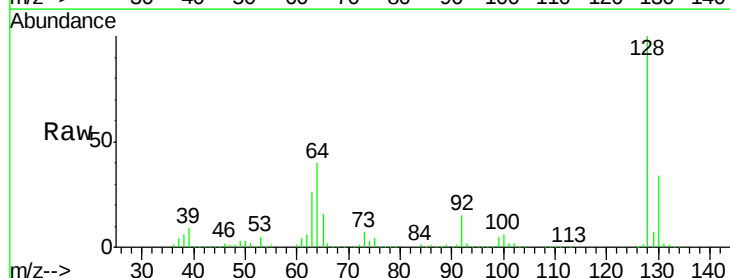
Tgt Ion: 128 Resp: 552646

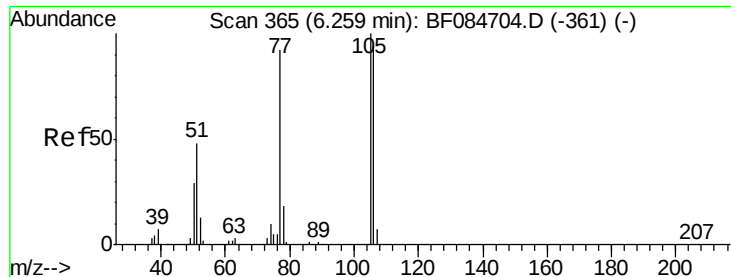
Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

64 40.0 23.8 63.8





#9

Benzaldehyde

Concen: 35.11 ng

RT: 6.19 min Scan# 359

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

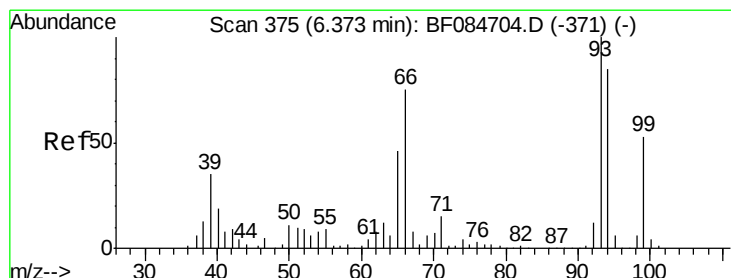
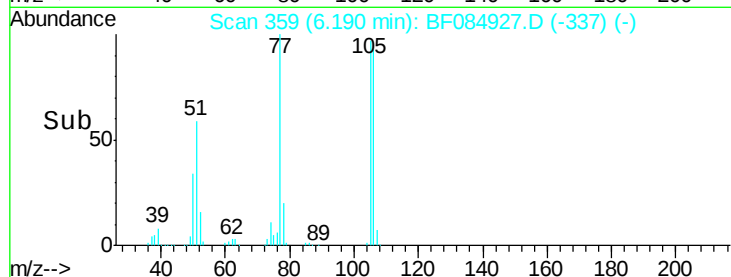
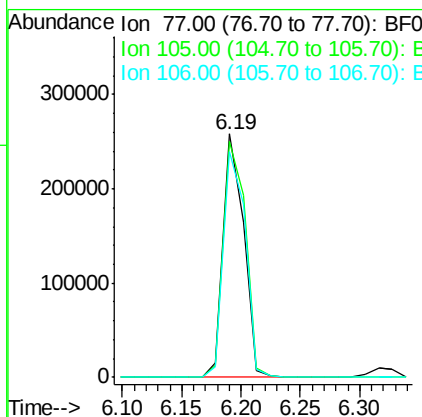
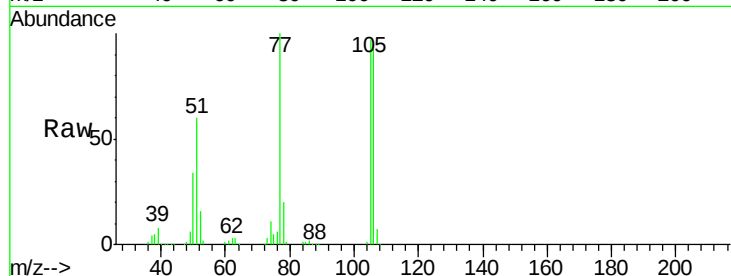
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	308755
Ion Ratio	Lower	Upper	
77	100		
105	96.9	83.0	123.0
106	92.7	74.6	114.6

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#10

Phenol

Concen: 43.22 ng

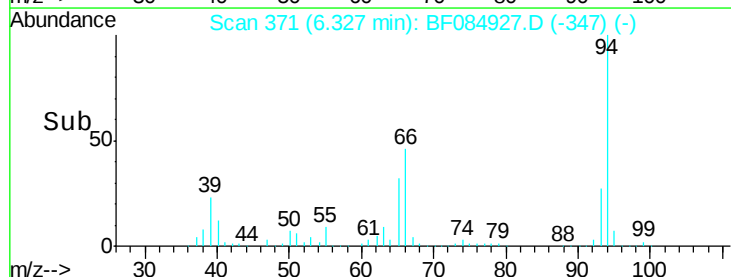
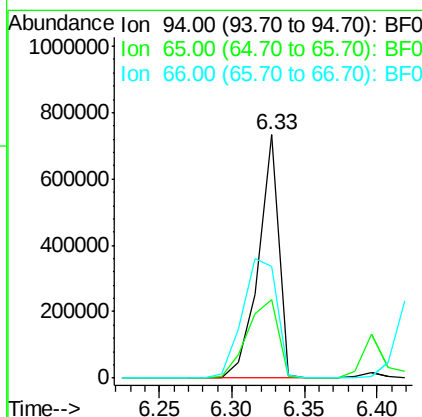
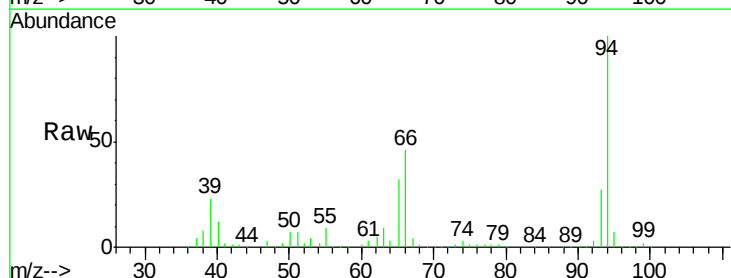
RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	94	Resp:	721105
Ion Ratio	Lower	Upper	
94	100		
65	32.3	12.9	52.9
66	46.1	32.7	72.7





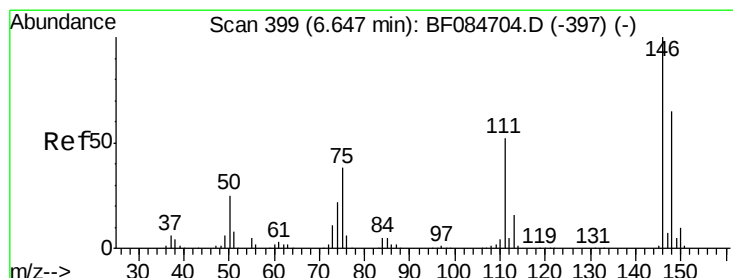
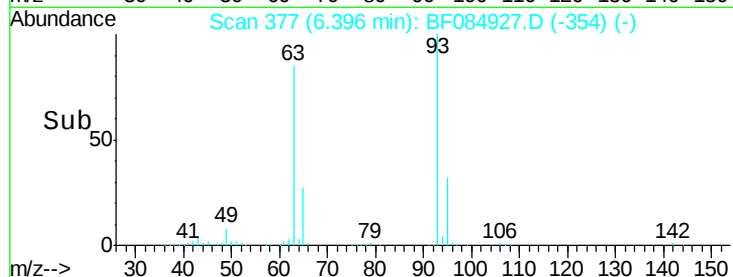
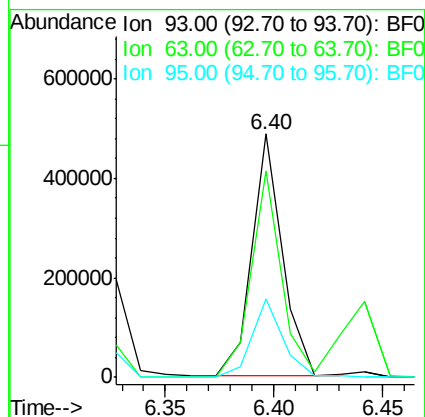
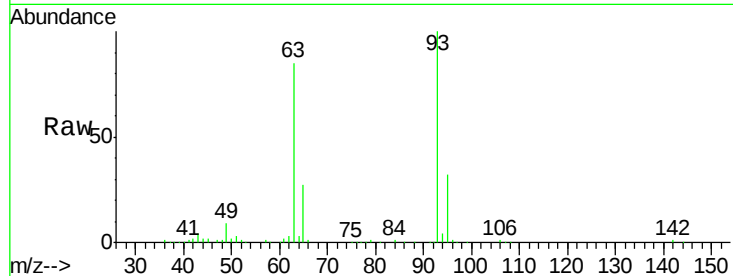
#11
bis(2-Chloroethyl)ether
Concen: 36.51 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	474940
Ion	Ratio	Lower	Upper
93	100		
63	84.6	45.9	85.9
95	32.3	12.3	52.3

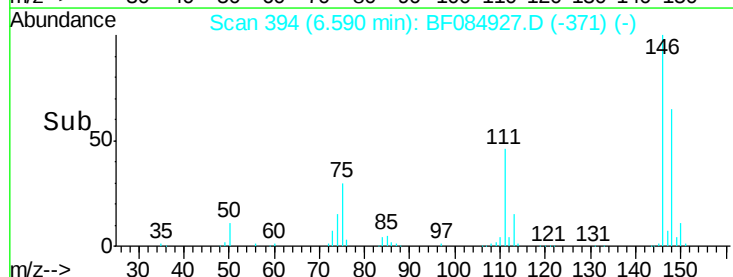
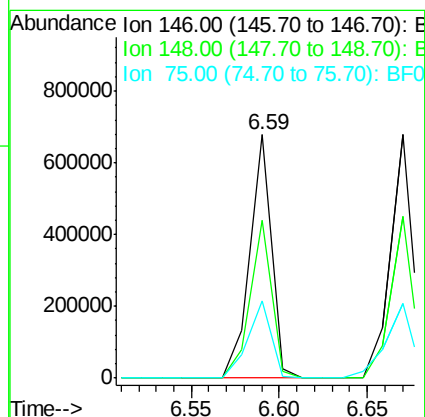
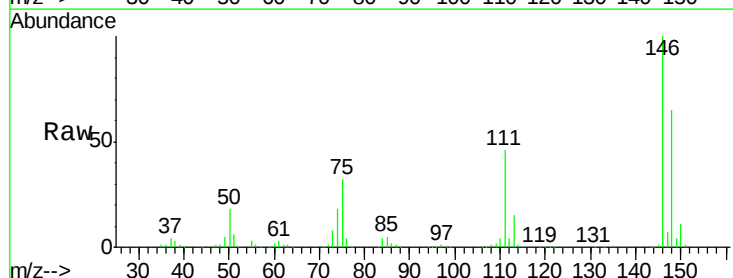
Manual Integrations
APPROVED

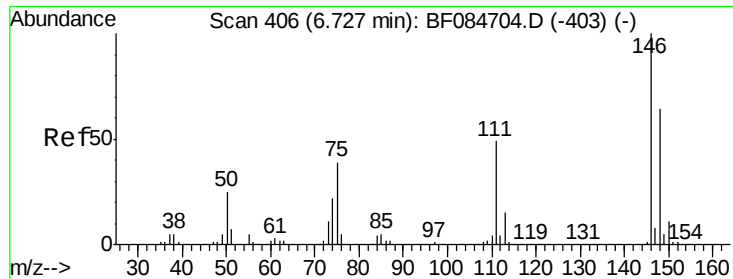
UMANGI
2/9/2016 12:55:52 PM



#12
1,3-Dichlorobenzene
Concen: 40.06 ng m
RT: 6.59 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion:	146	Resp:	575459
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	31.8	20.5	30.7#





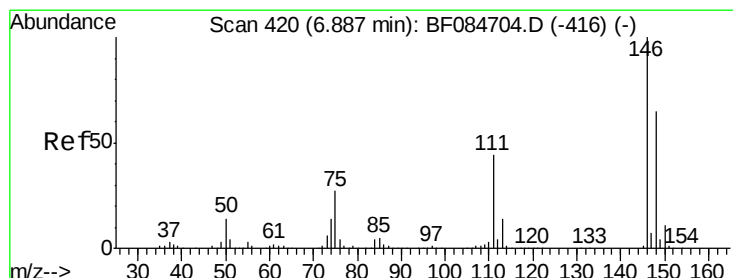
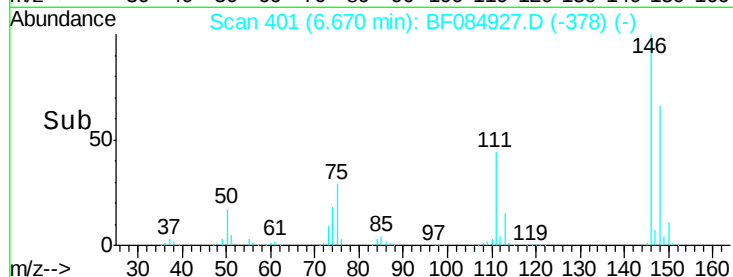
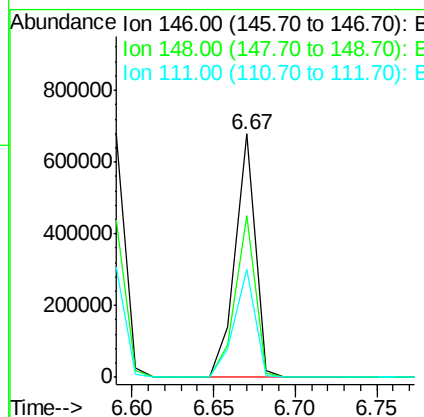
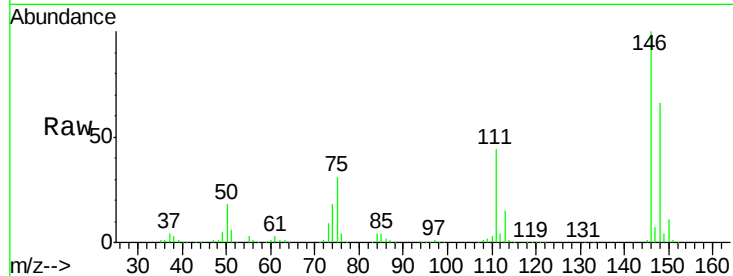
#13
1,4-Dichlorobenzene
Concen: 40.26 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	44.3	41.6	62.4

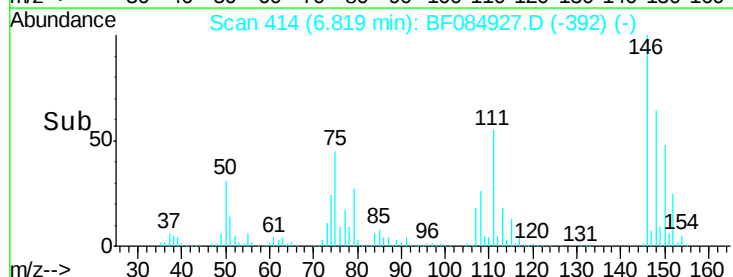
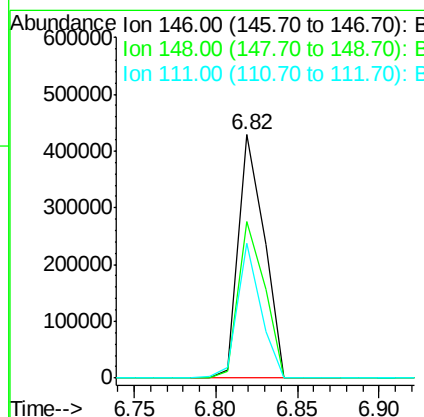
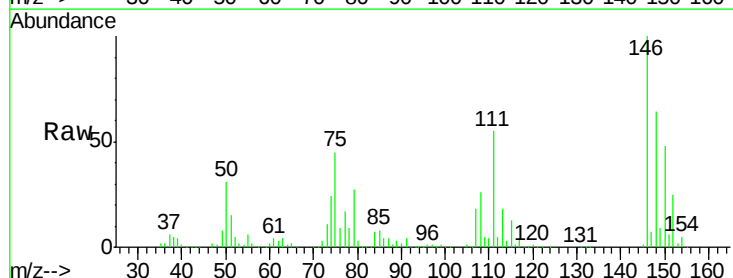
Manual Integrations
APPROVED

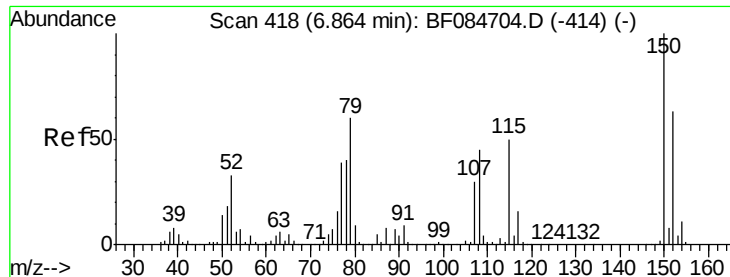
UMANGI
2/9/2016 12:55:52 PM



#14
1,2-Dichlorobenzene
Concen: 34.86 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	55.5	38.0	57.0





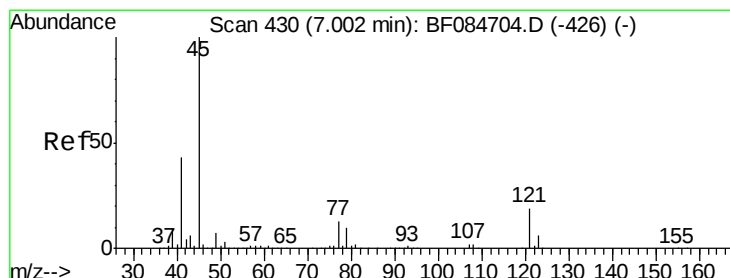
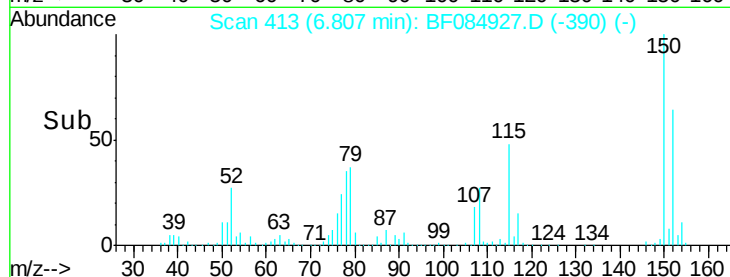
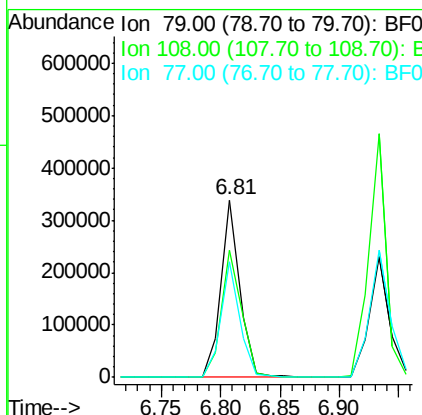
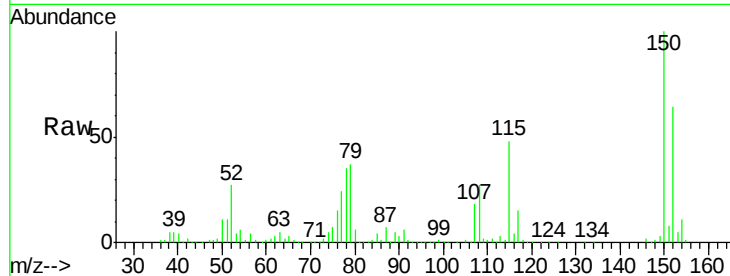
#15
Benzyl Alcohol
Concen: 36.54 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.8	69.0	103.4
77	65.3	50.0	75.0

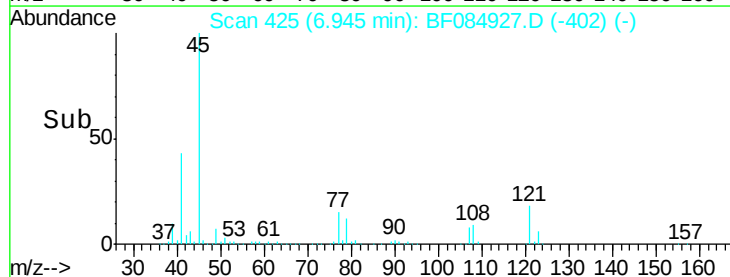
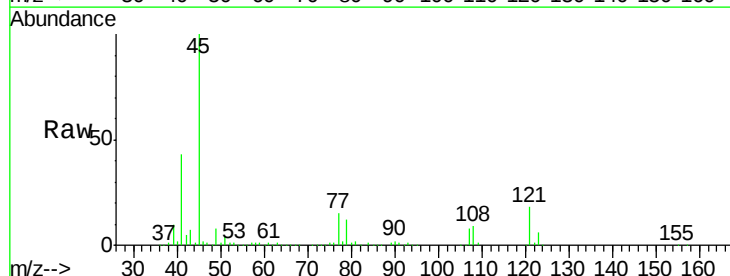
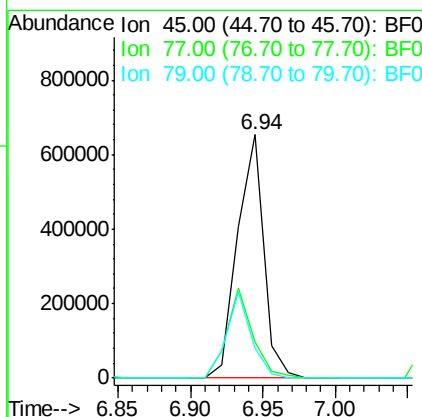
Manual Integrations
APPROVED

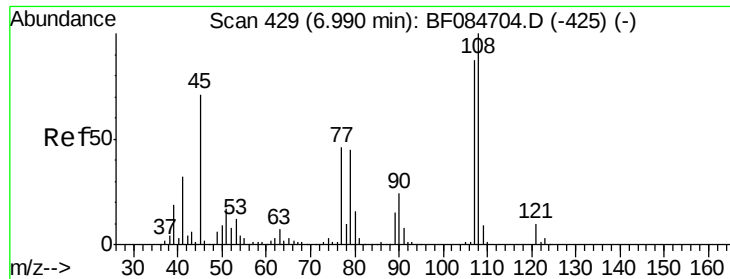
UMANGI
2/9/2016 12:55:52 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.53 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	39.6
79	12.3	0.0	35.0





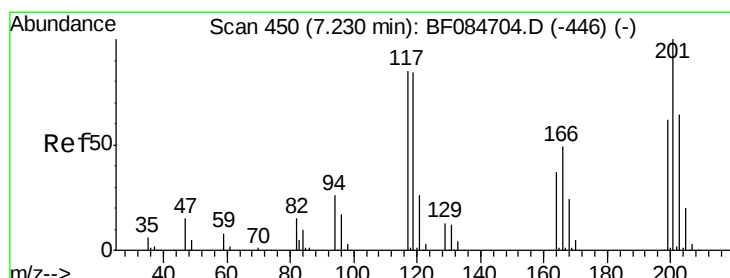
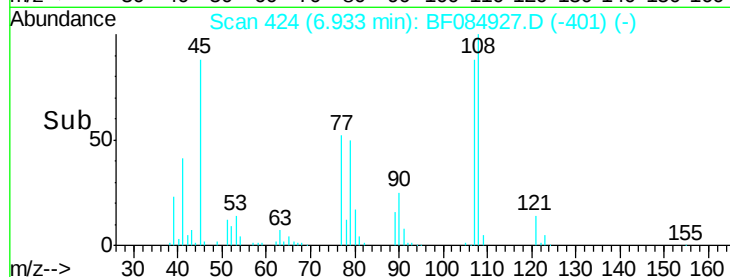
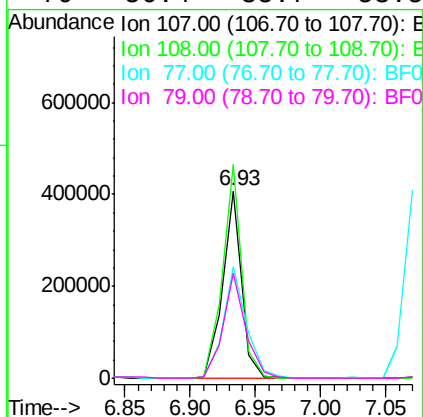
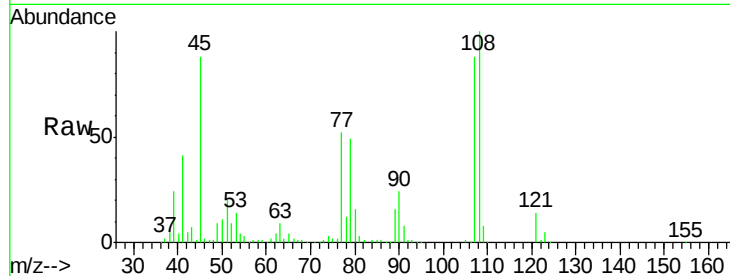
#17
2-Methylphenol
Concen: 38.45 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	413537		
108	114.0	89.8	134.6	
77	59.3	35.7	53.5#	
79	56.4	35.7	53.5#	

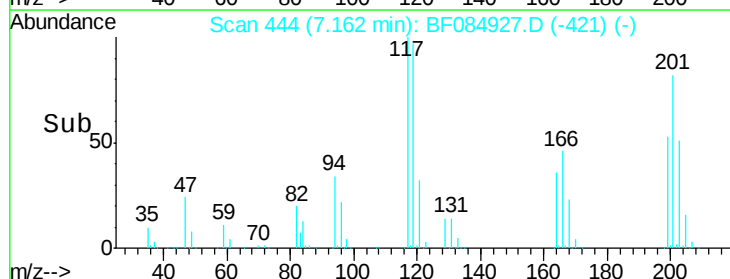
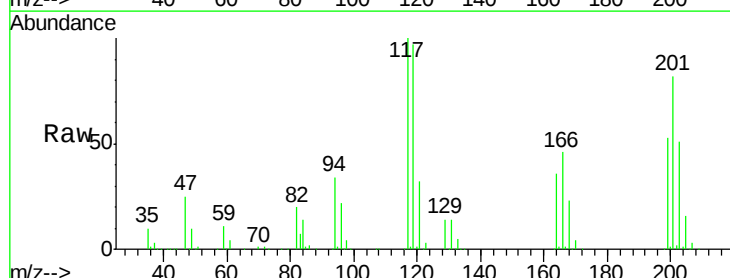
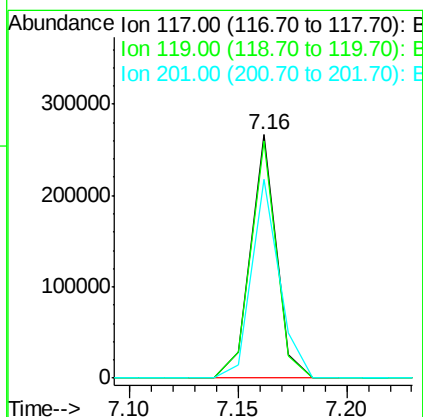
Manual Integrations
APPROVED

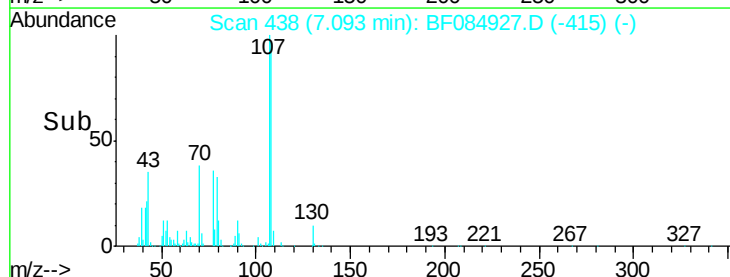
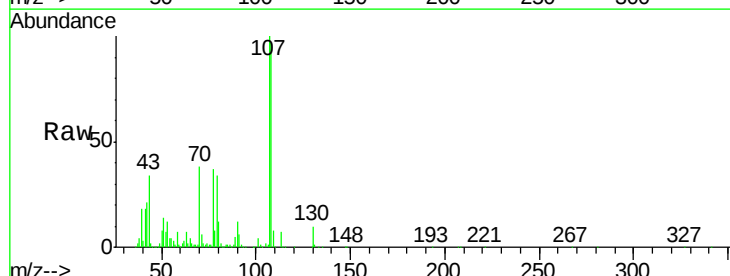
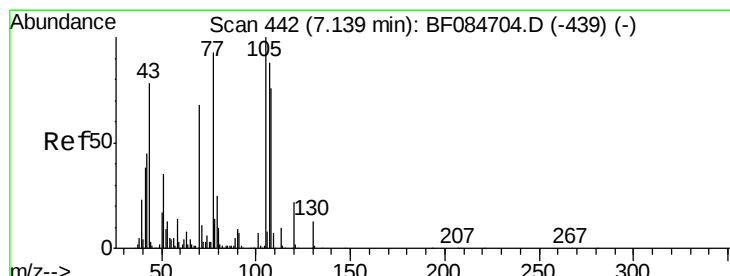
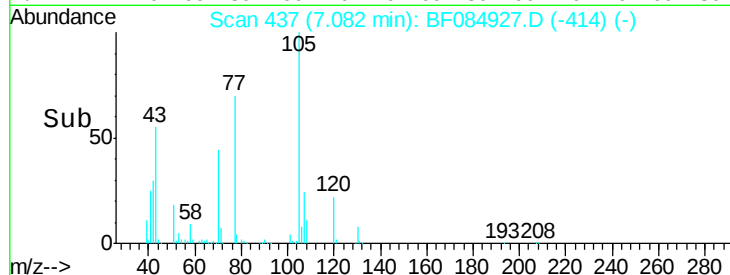
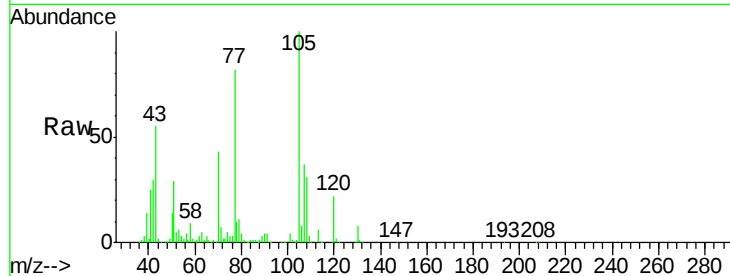
UMANGI
2/9/2016 12:55:52 PM



#18
Hexachloroethane
Concen: 39.74 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	219779		
119	97.3	77.4	116.0	
201	81.5	68.6	103.0	





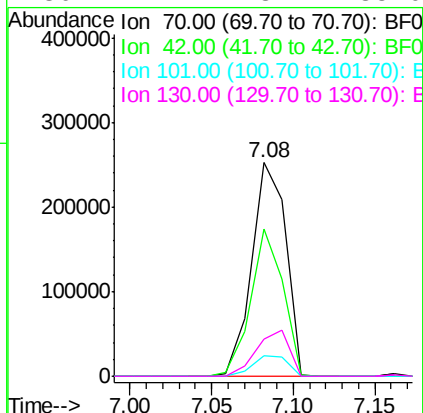
#19
n-Nitroso-di-n-propylamine
Concen: 39.30 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	69.1	33.3	49.9#	
101	9.5	9.3	13.9	
130	17.7	23.4	35.0#	

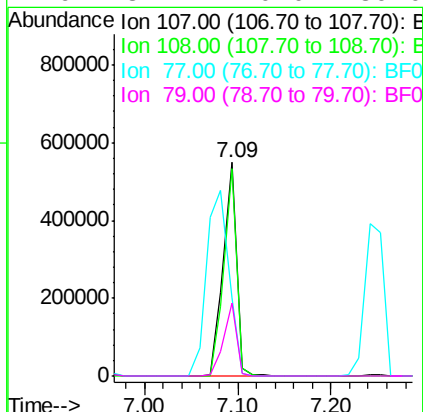
Manual Integrations
APPROVED

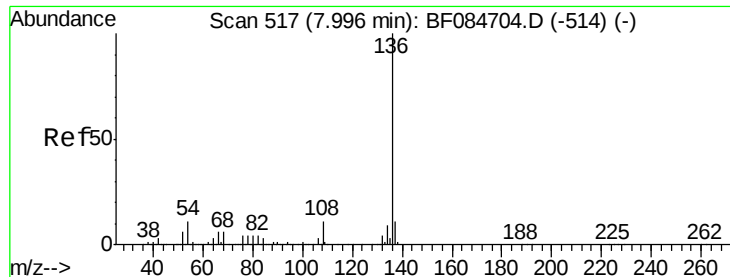
UMANGI
2/9/2016 12:55:52 PM



#20
3+4-Methylphenols
Concen: 40.94 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	97.2	74.6	114.6	
77	36.8	0.7	40.7	
79	34.1	0.0	39.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF084927.D

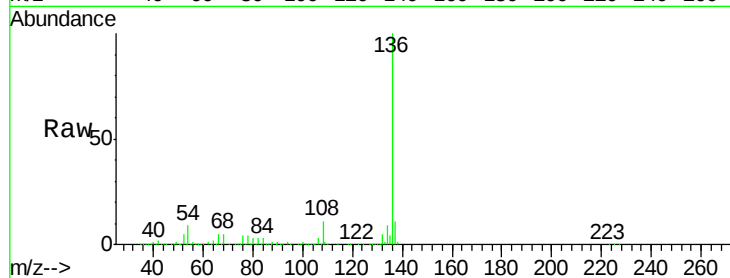
Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 773408

Ion Ratio Lower Upper

136 100

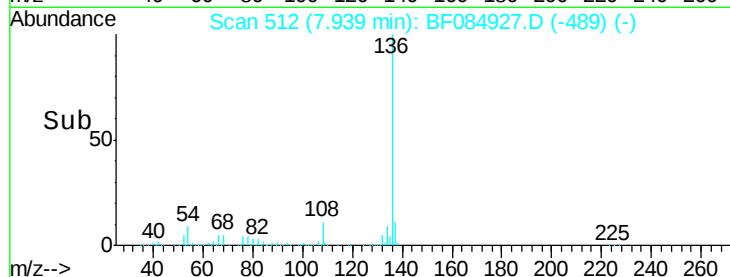
137 11.5 8.7 13.1

54 9.4 5.8 8.8#

68 4.9 4.2 6.2

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM

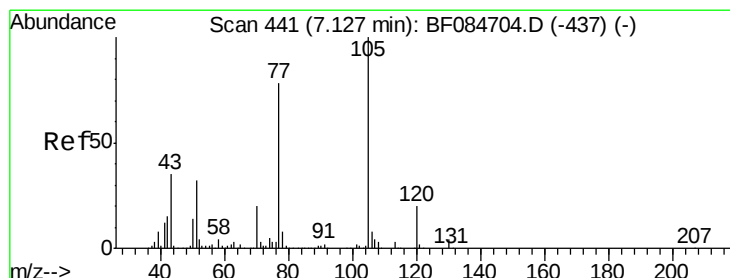
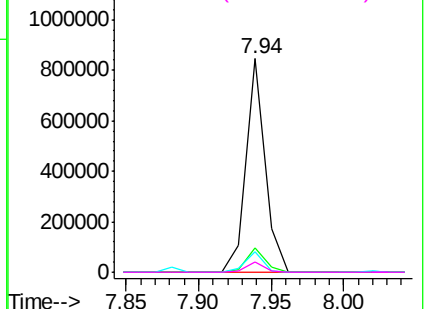


Abundance Ion 136.00 (135.70 to 136.70): E

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

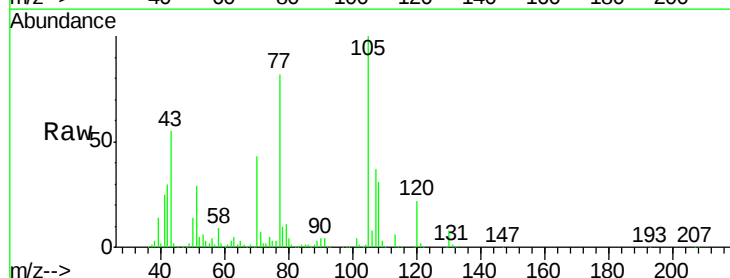
Concen: 40.48 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31



Tgt Ion:105 Resp: 825159

Ion Ratio Lower Upper

105 100

71 7.4 3.7 5.5#

51 29.2 25.1 37.7

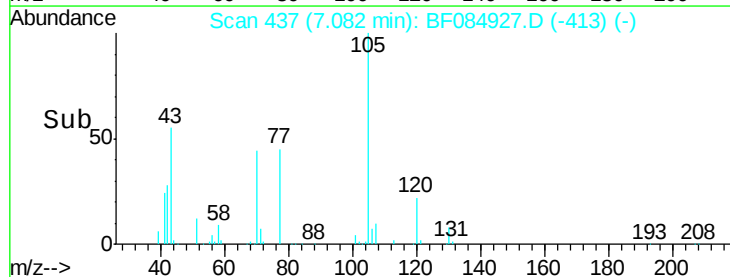
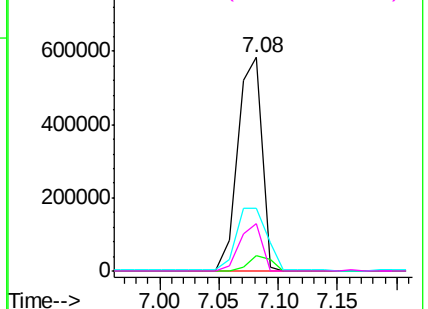
120 22.2 16.6 25.0

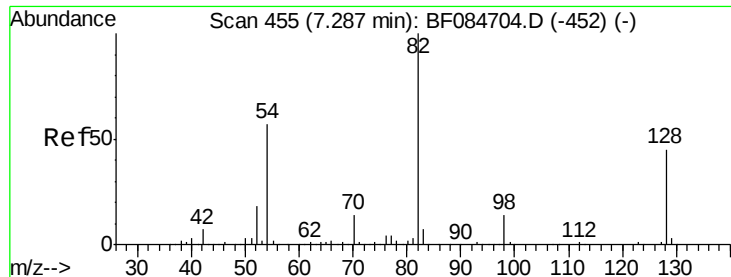
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





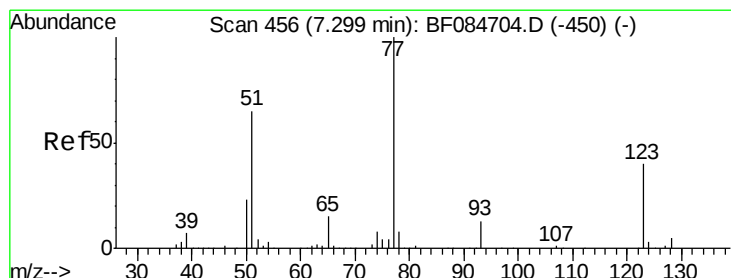
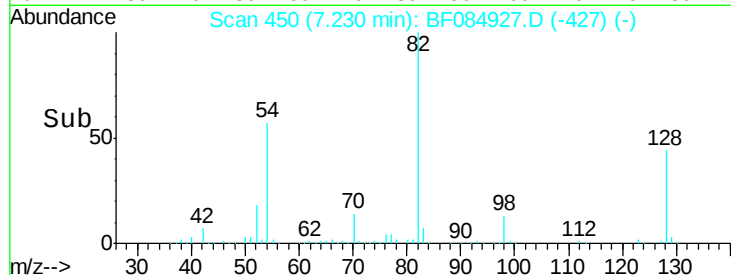
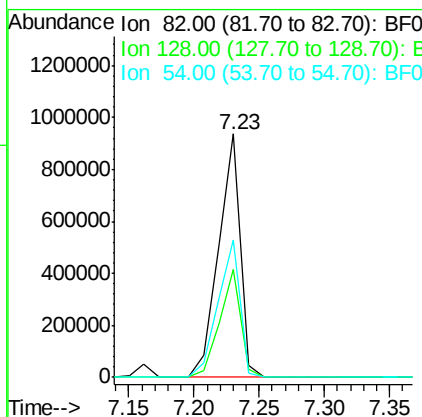
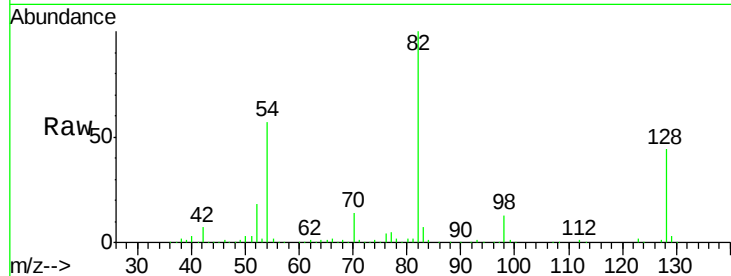
#23
Nitrobenzene-d5
Concen: 79.24 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	56.5	38.4	57.6

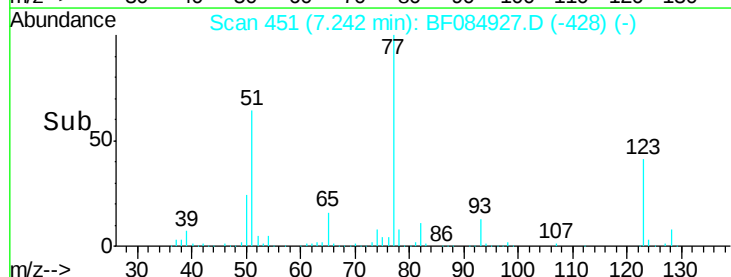
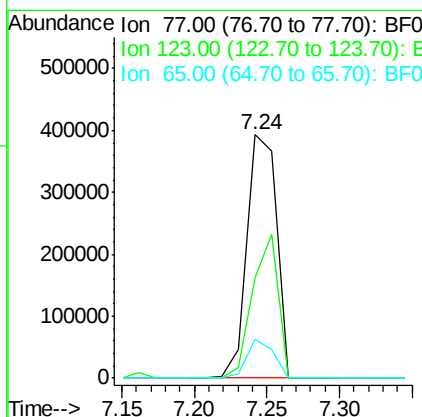
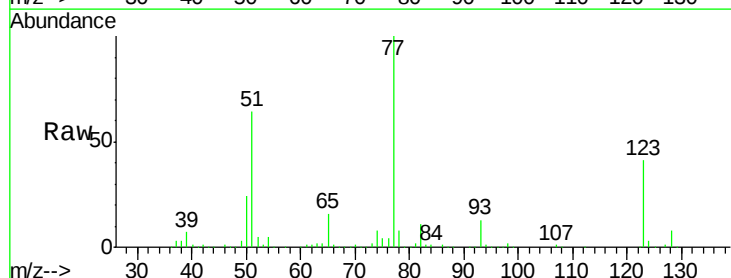
Manual Integrations
APPROVED

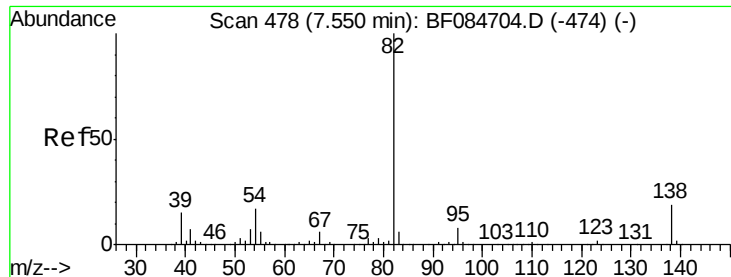
UMANGI
2/9/2016 12:55:52 PM



#24
Nitrobenzene
Concen: 37.84 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	37.4	56.2
65	15.9	10.9	16.3





#25

Isophorone

Concen: 40.40 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

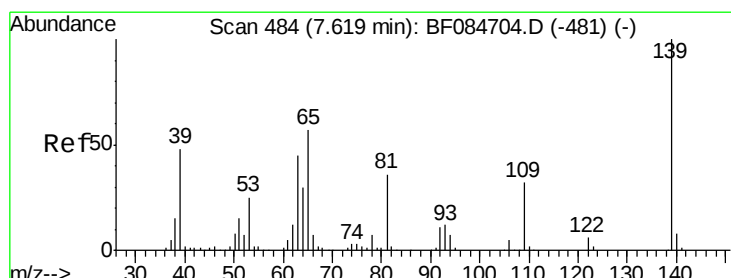
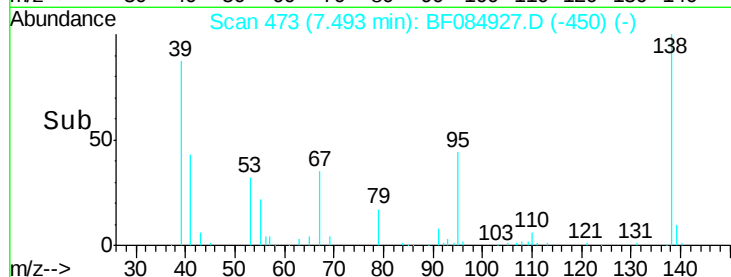
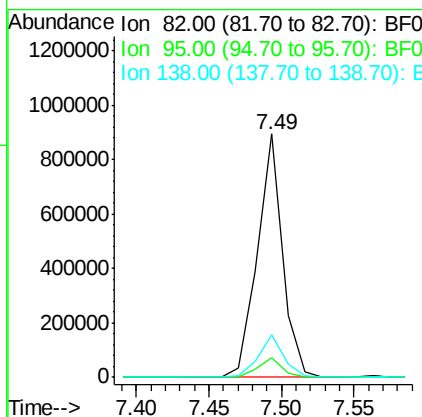
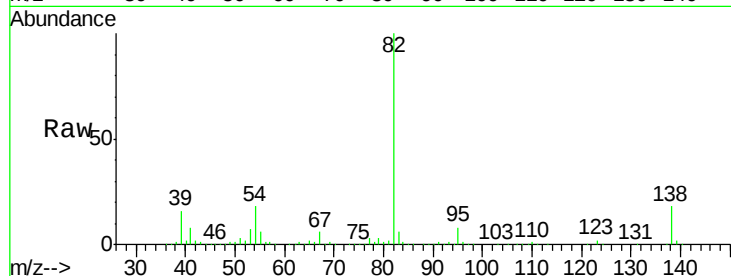
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	1078648
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.6	10.0
138	17.6	13.6	20.4

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#26

2-Nitrophenol

Concen: 38.92 ng

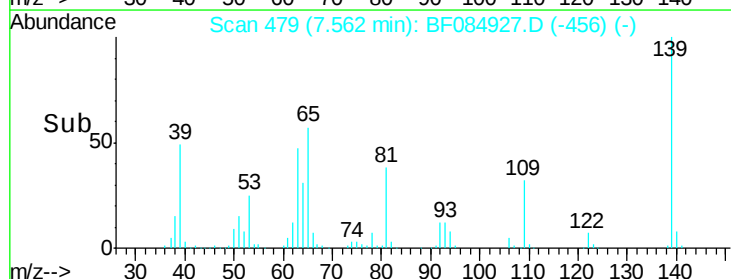
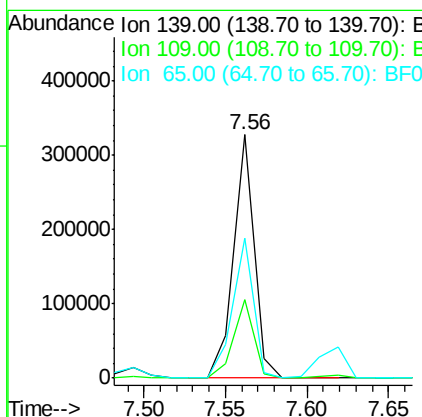
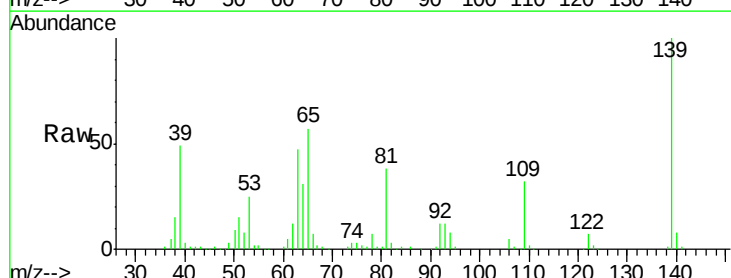
RT: 7.56 min Scan# 479

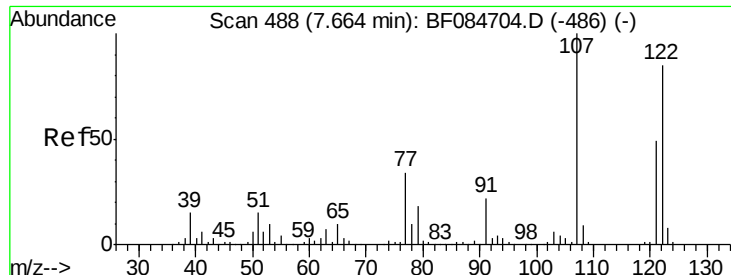
Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	139	Resp:	282217
Ion Ratio		Lower	Upper
139	100		
109	32.4	25.4	38.2
65	57.4	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 40.76 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

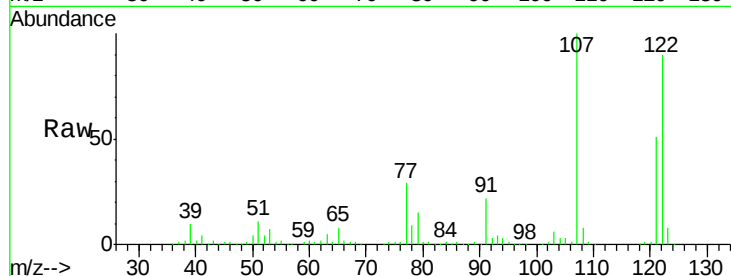
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	514147		
107	111.0	99.1	148.7	
121	57.0	47.9	71.9	

Manual Integrations
APPROVED

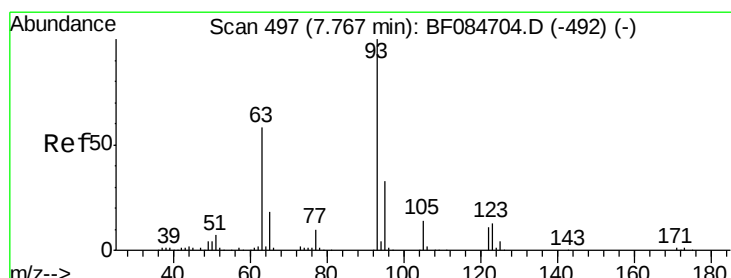
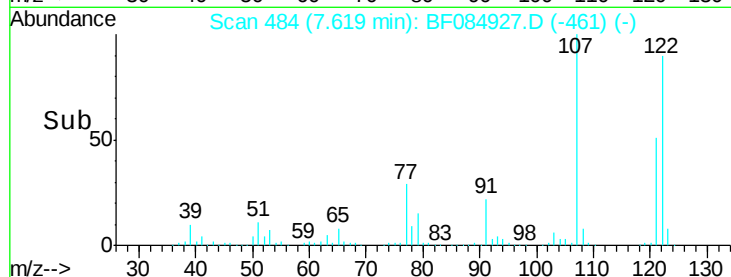
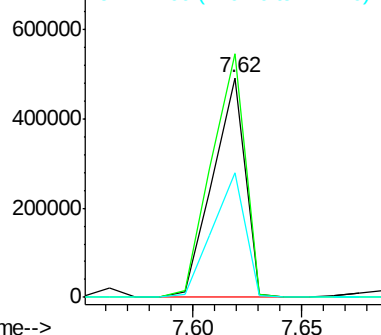
UMANGI
2/9/2016 12:55:52 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.78 ng

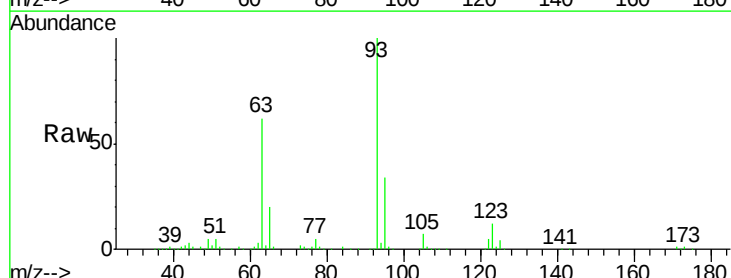
RT: 7.71 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

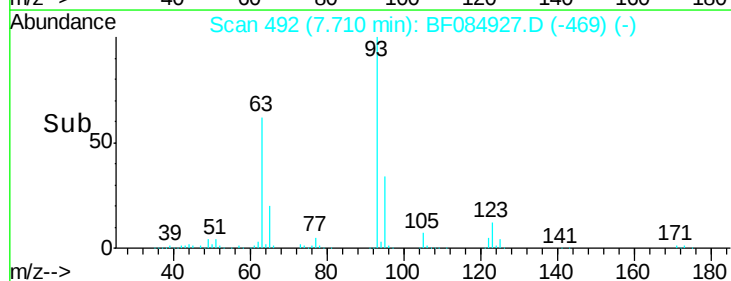
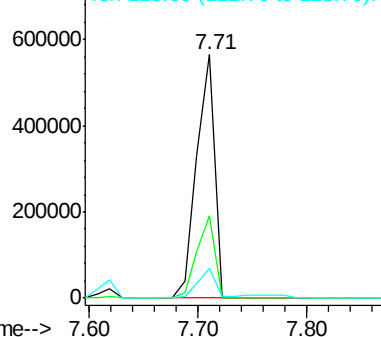
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	645827		
95	33.6	25.8	38.6	
123	12.4	8.6	12.8	

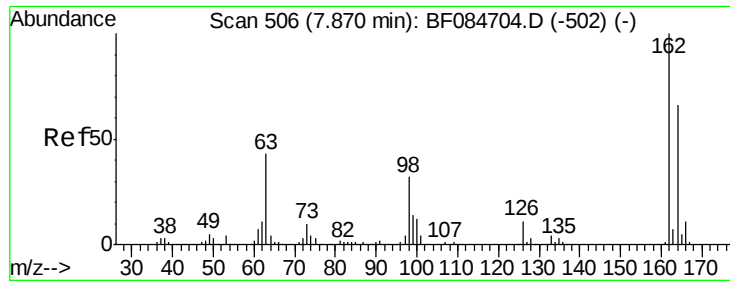


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





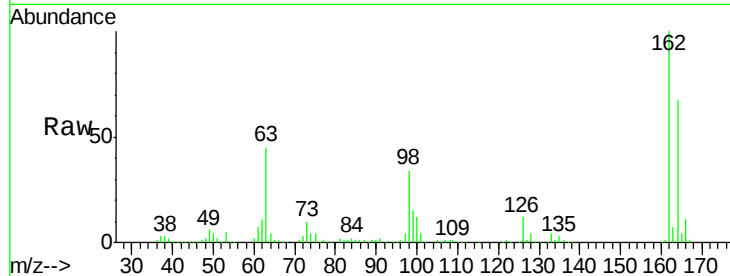
#29
 2,4-Dichlorophenol
 Concen: 41.72 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

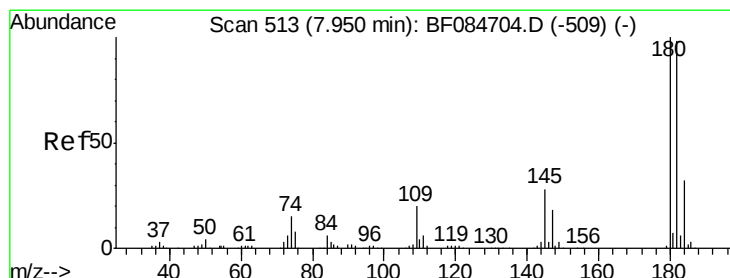
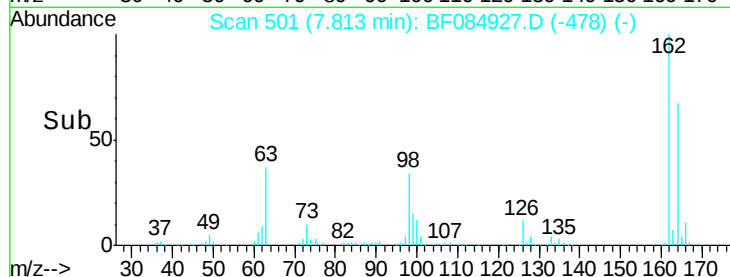
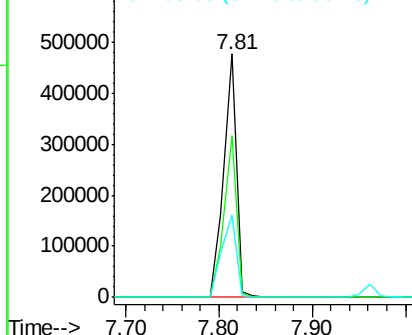
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450265		
164	66.6	44.1	84.1	
98	34.0	20.2	60.2	

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM

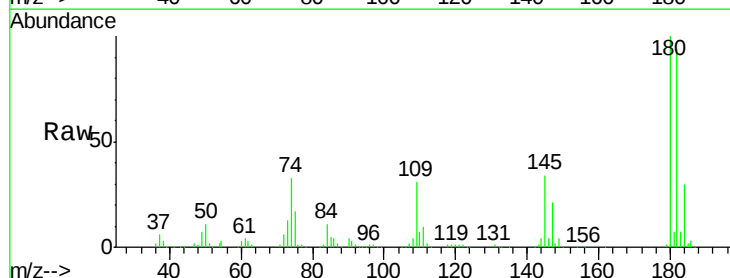


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

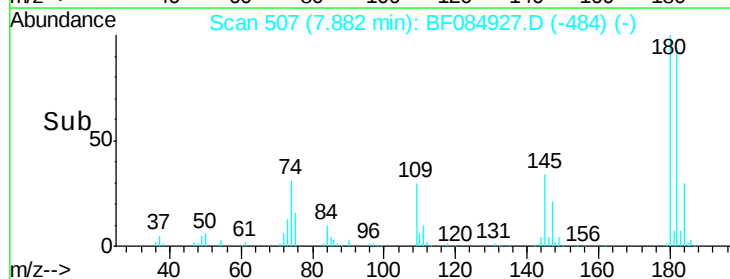
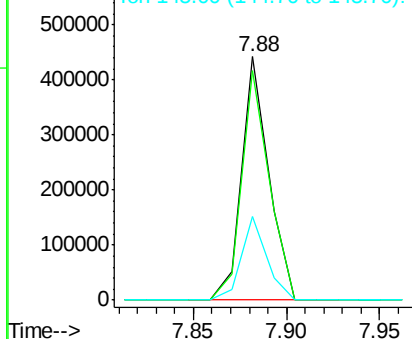


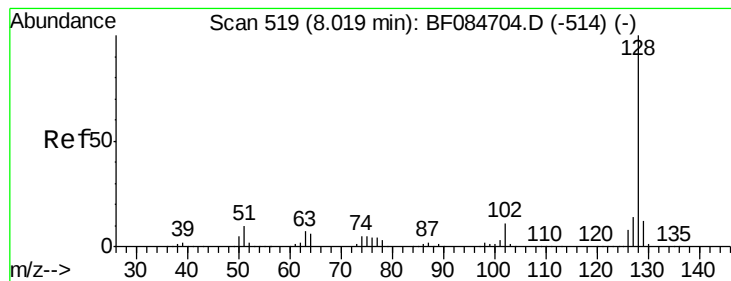
#30
 1,2,4-Trichlorobenzene
 Concen: 36.91 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	449846		
182	94.1	76.4	114.6	
145	34.2	31.6	47.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.90 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

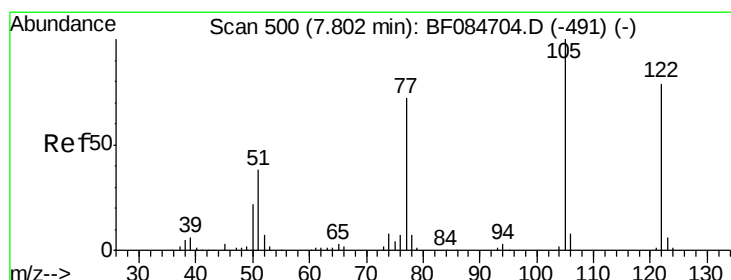
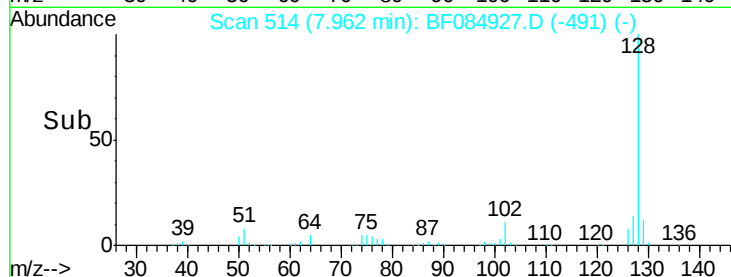
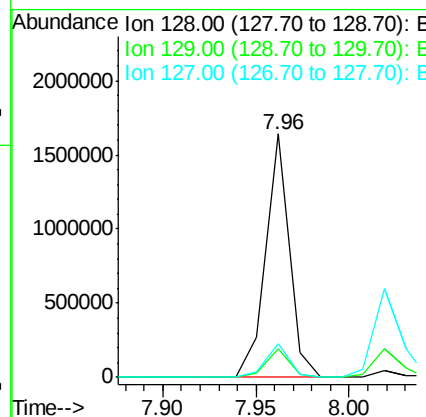
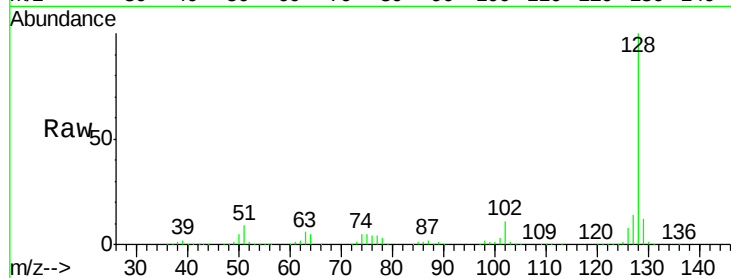
ClientSampleId :

SSTDCCC040

Tgt Ion:	128	Resp:	1431372
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.1	13.7
127	13.8	11.1	16.7

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#32

Benzoic acid

Concen: 47.88 ng

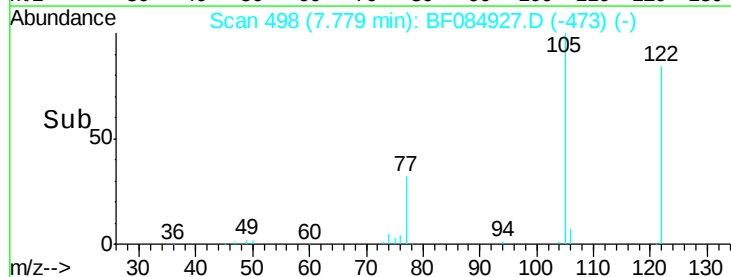
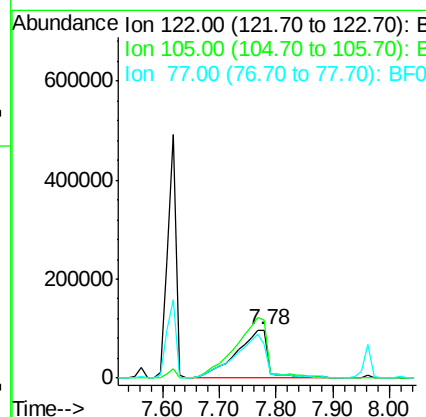
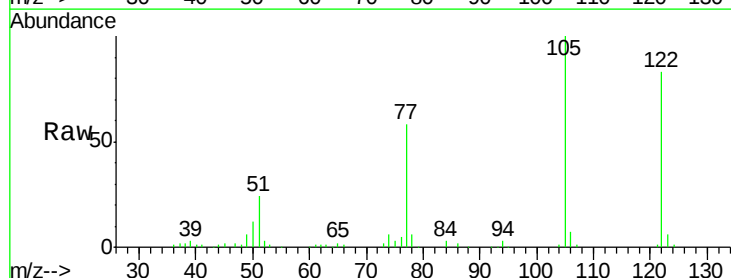
RT: 7.78 min Scan# 498

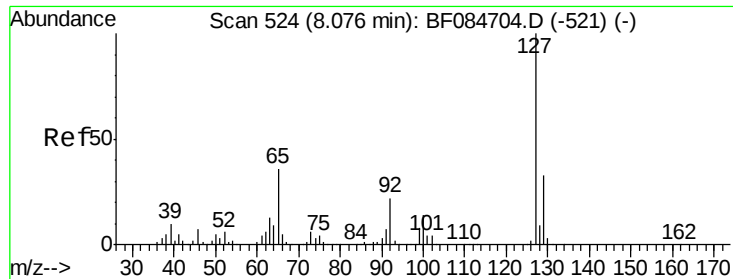
Delta R.T. -0.01 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	122	Resp:	386292
Ion Ratio	Lower	Upper	
122	100		
105	120.5	100.3	140.3
77	70.2	63.5	103.5





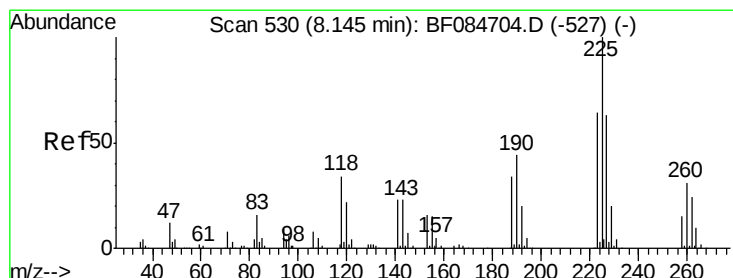
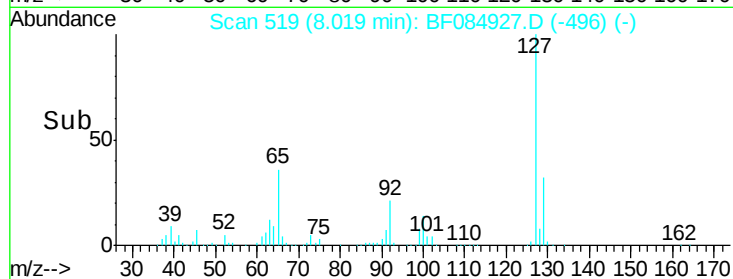
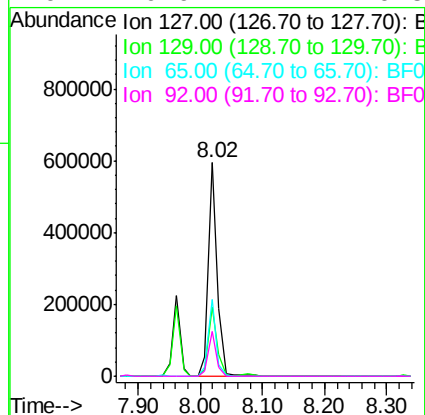
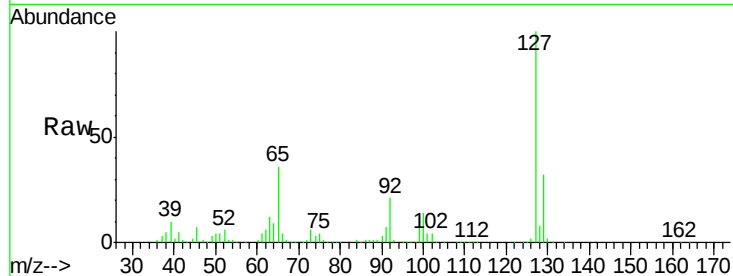
#33
4-Chloroaniline
Concen: 36.92 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	592357		
129	32.2	26.5	39.7	
65	36.1	27.2	40.8	
92	20.9	17.7	26.5	

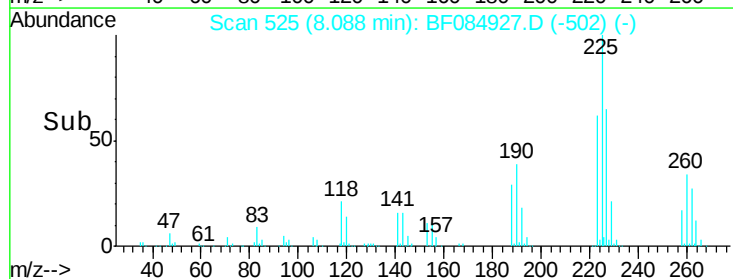
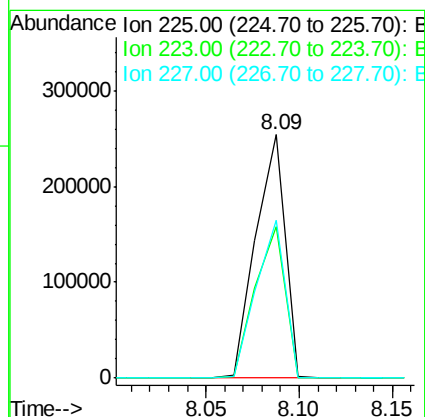
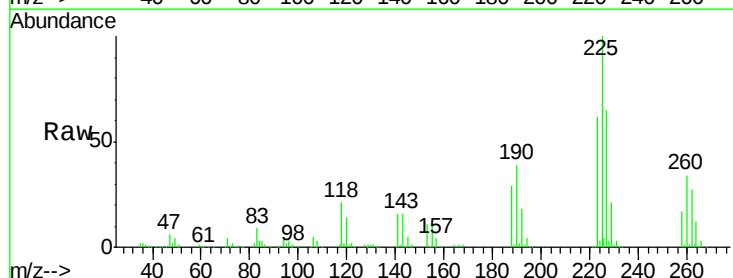
Manual Integrations
APPROVED

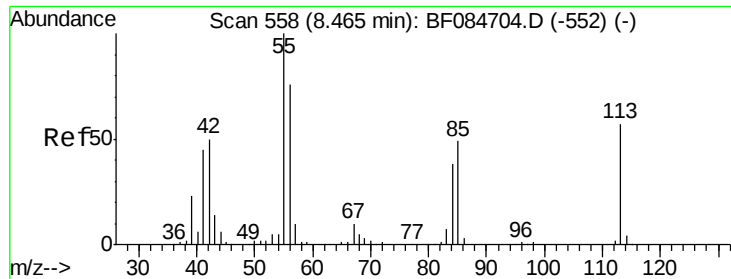
UMANGI
2/9/2016 12:55:52 PM



#34
Hexachlorobutadiene
Concen: 39.14 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	275107		
223	62.4	49.4	74.0	
227	65.1	50.8	76.2	





#35

Caprolactam

Concen: 45.72 ng

RT: 8.42 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

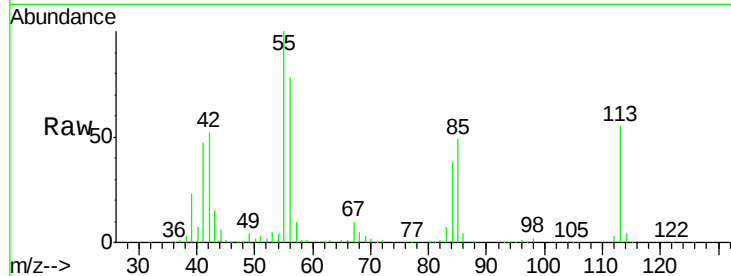
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	152081		
55	182.9	116.9	156.9#	
56	142.2	93.8	133.8#	

Manual Integrations
APPROVED

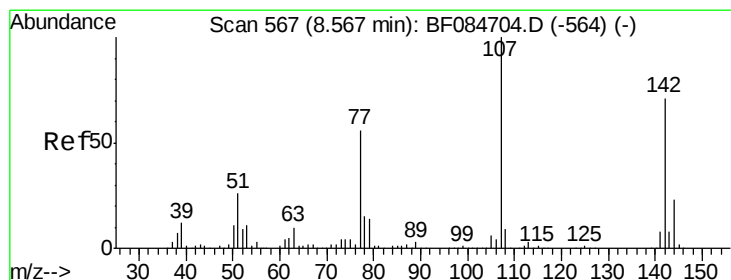
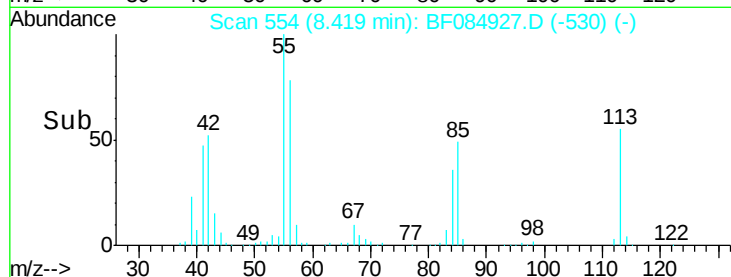
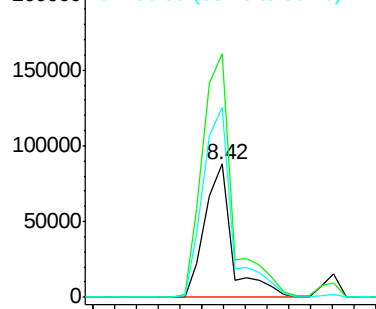
UMANGI
2/9/2016 12:55:52 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.08 ng

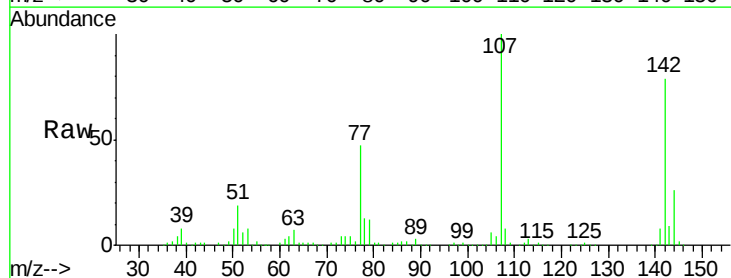
RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

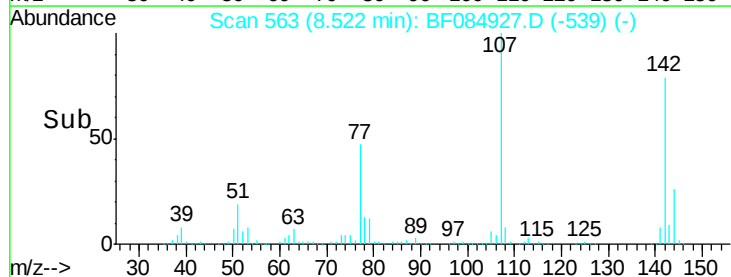
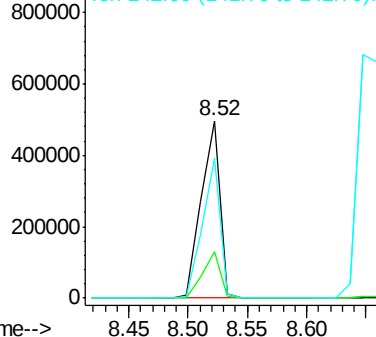
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	542686		
144	26.4	19.7	29.5	
142	79.0	61.8	92.6	

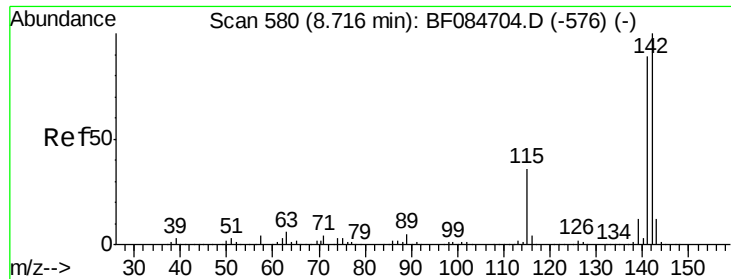


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





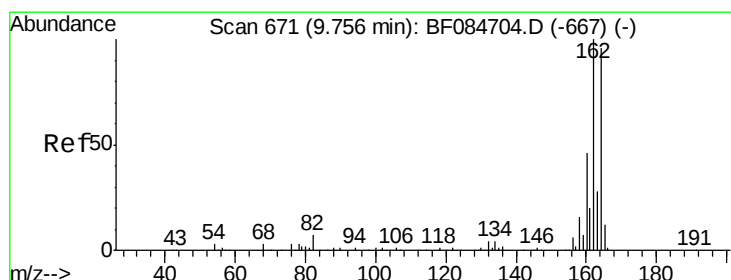
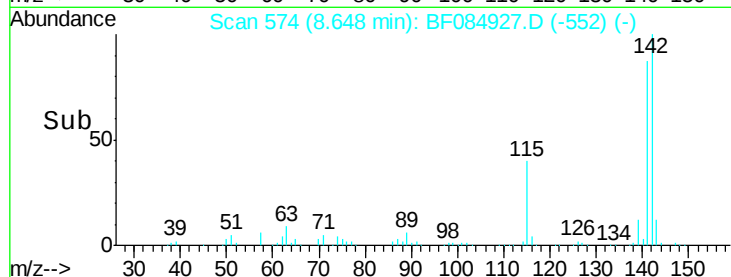
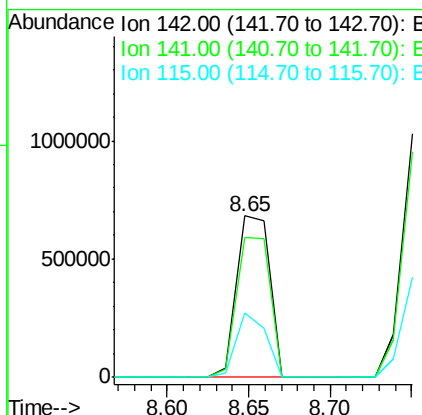
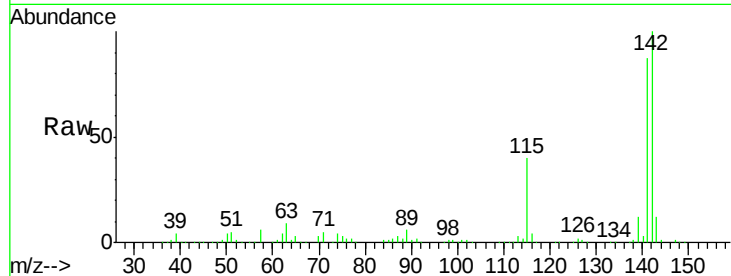
#37
 2-Methylnaphthalene
 Concen: 39.21 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	952136		
141	87.0	72.4	108.6	
115	40.2	27.9	41.9	

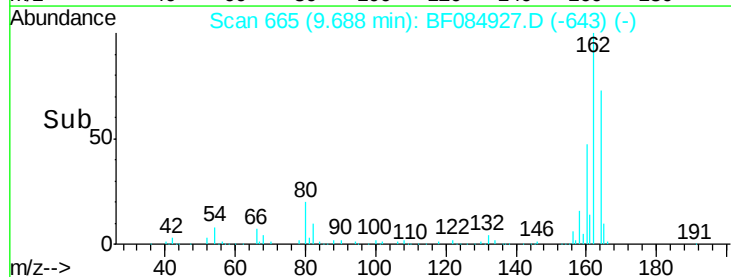
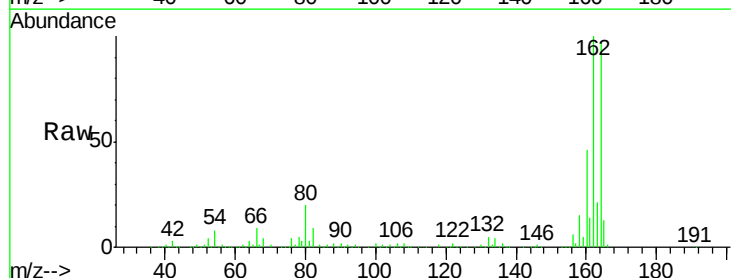
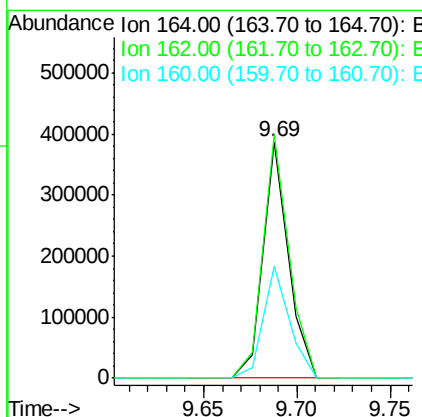
Manual Integrations
 APPROVED

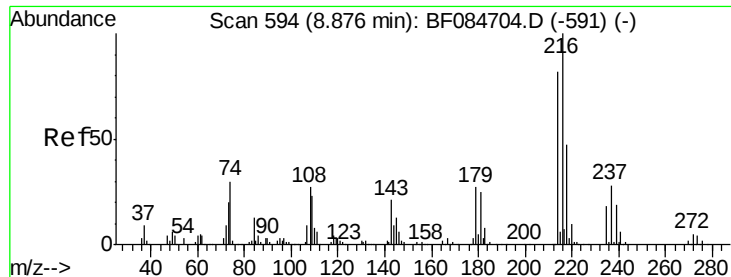
UMANGI
 2/9/2016 12:55:52 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	363185		
162	103.0	85.1	127.7	
160	47.3	37.5	56.3	





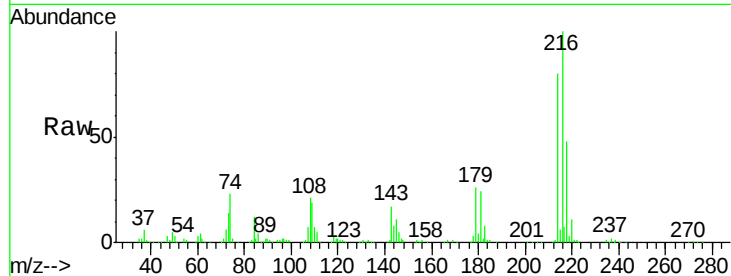
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.35 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

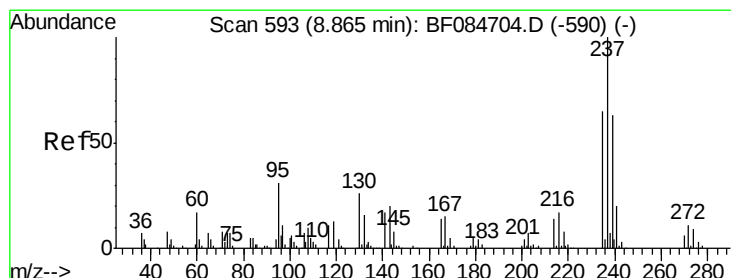
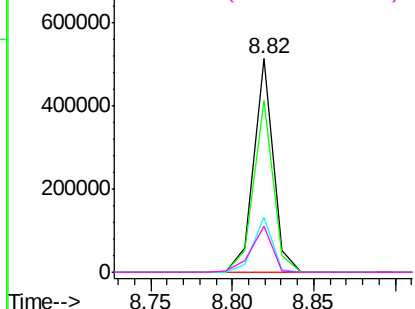
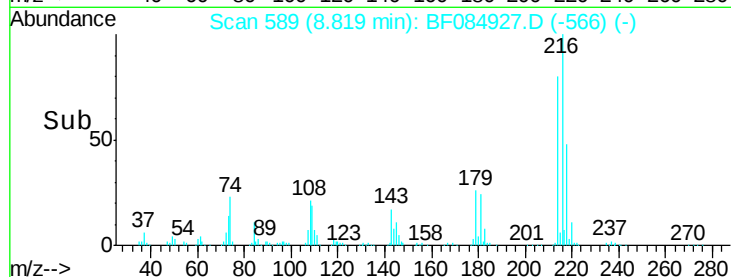
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	430786		
214	80.1	64.2	96.2	
179	25.0	18.7	28.1	
108	23.2	16.8	25.2	

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM

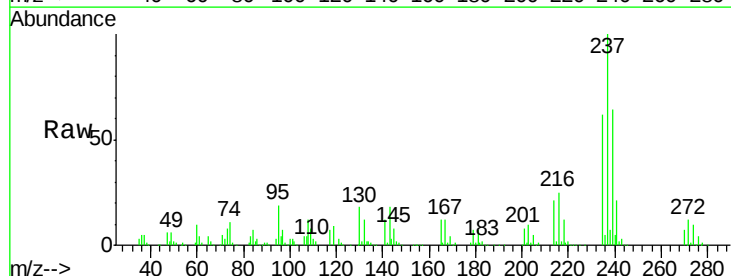


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

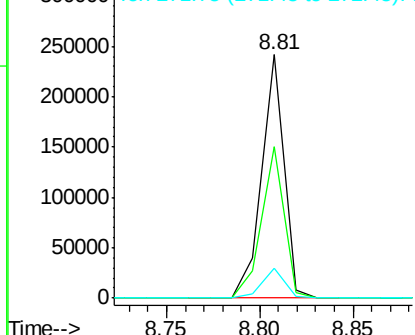
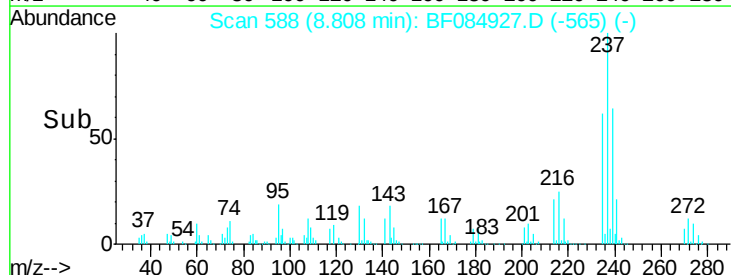


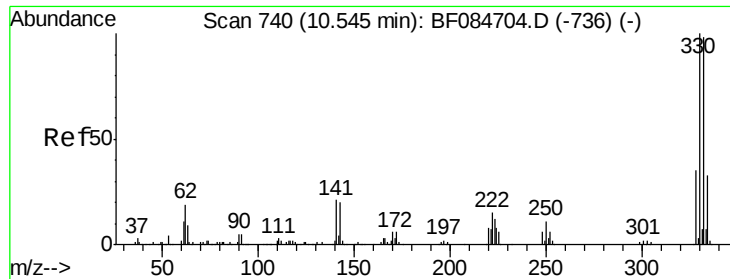
#40
 Hexachlorocyclopentadiene
 Concen: 47.25 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	199358		
235	62.3	43.1	83.1	
272	12.2	0.0	35.1	



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





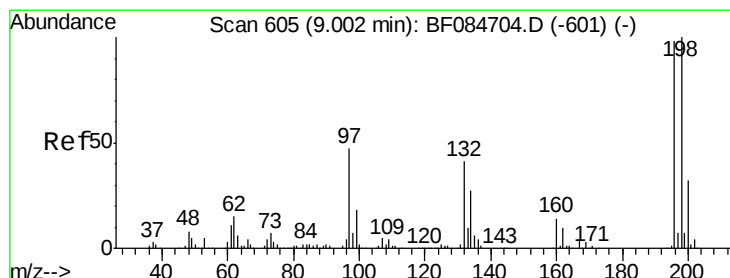
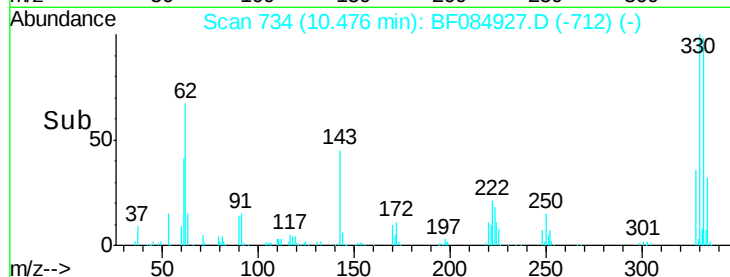
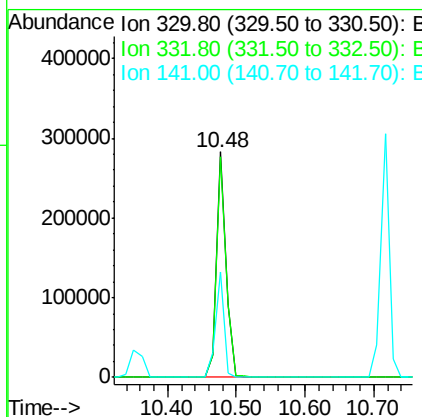
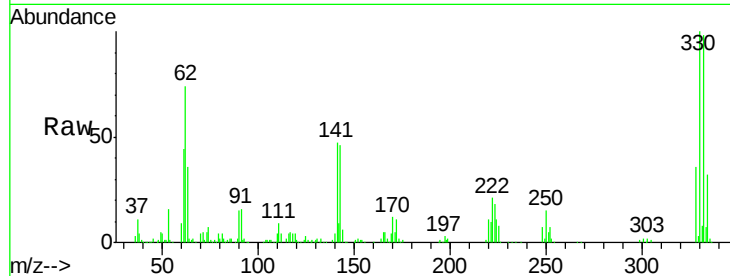
#41
 2,4,6-Tribromophenol
 Concen: 74.72 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	283073		
332	97.8	76.6	114.8	
141	41.4	27.8	41.6	

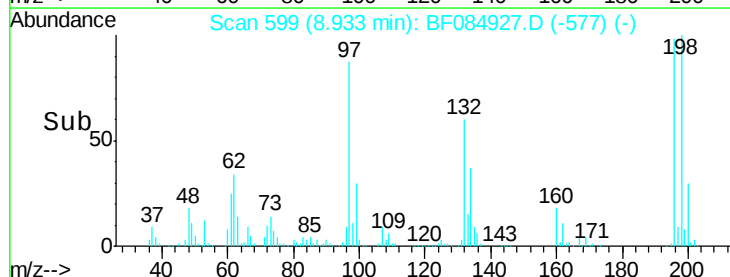
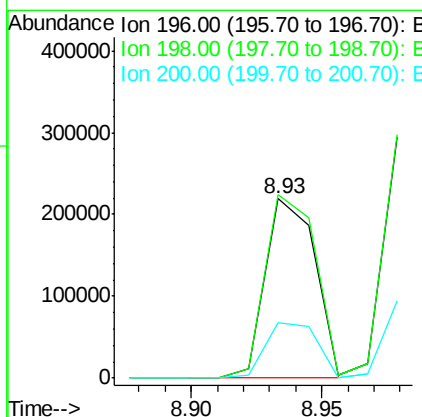
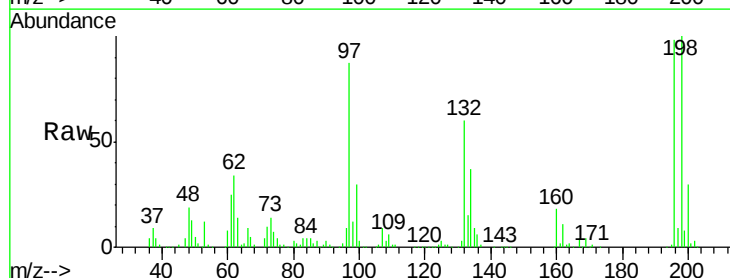
Manual Integrations
 APPROVED

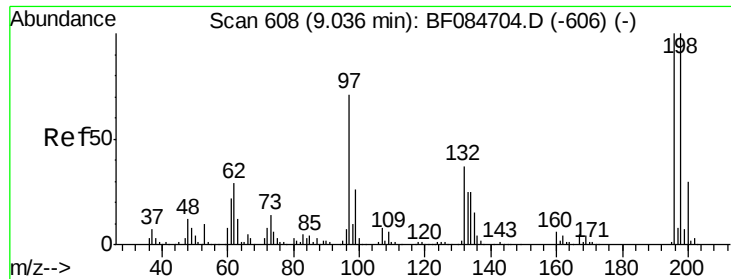
UMANGI
 2/9/2016 12:55:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.89 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

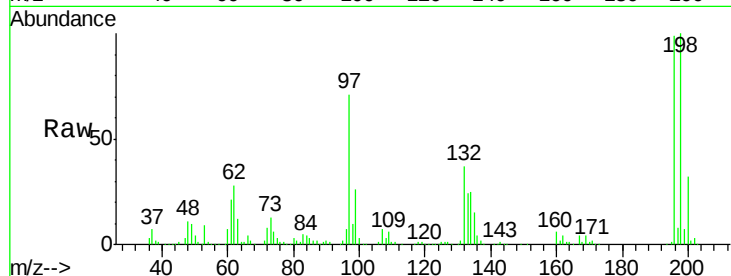
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288962		
198	102.3	77.7	116.5	
200	30.9	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 38.35 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

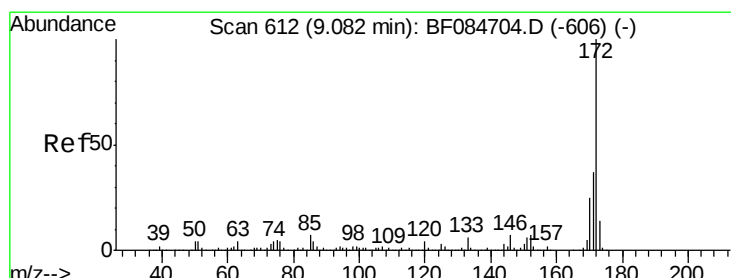
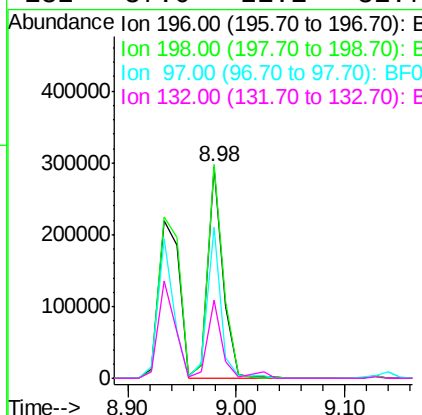
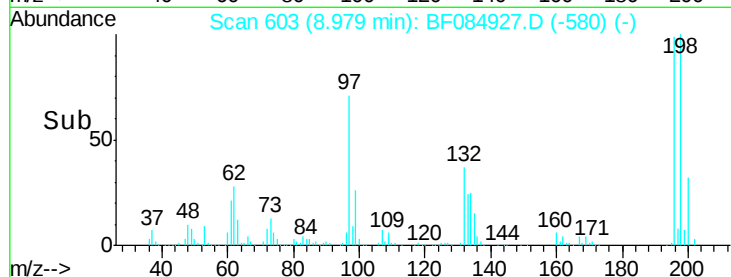
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289538		
198	100.9	79.0	118.6	
97	71.4	33.0	49.6	#
132	37.0	21.1	31.7	#

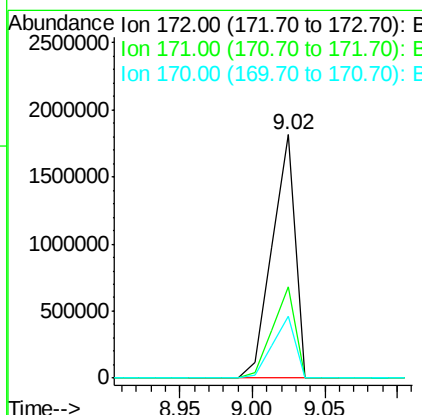
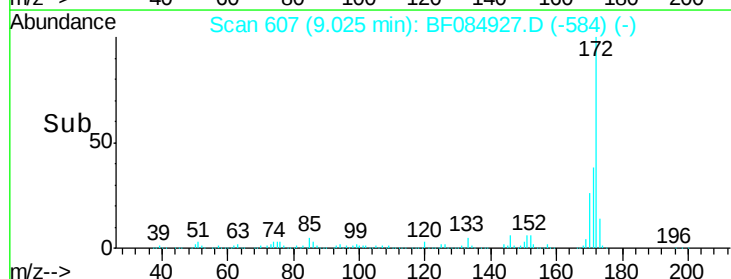
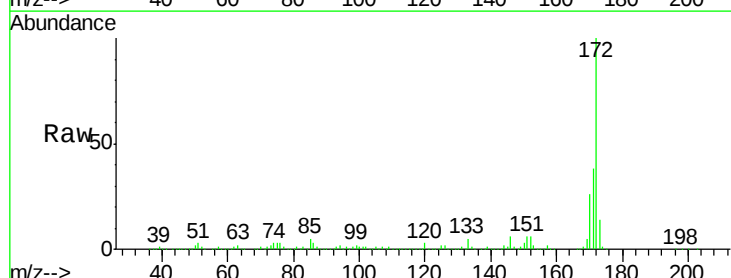
Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM



#44
 2-Fluorobiphenyl
 Concen: 97.69 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2001335		
171	37.8	28.9	43.3	
170	25.6	18.6	27.8	





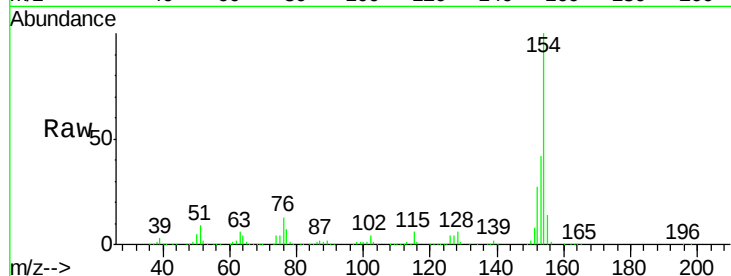
#45
 1,1'-Biphenyl
 Concen: 35.02 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	13.4	0.0	32.7

Manual Integrations
 APPROVED

UMANGI
 2/9/2016 12:55:52 PM

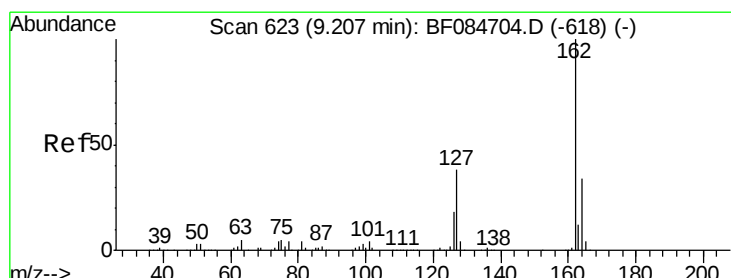
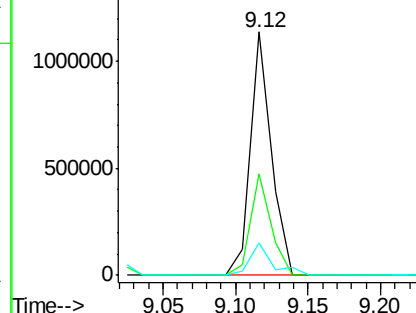
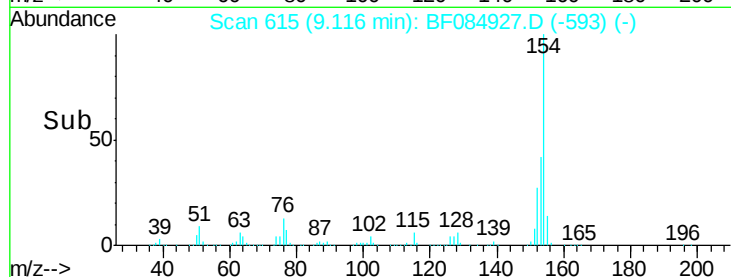


Abundance

Ion 154.00 (153.70 to 154.70): E

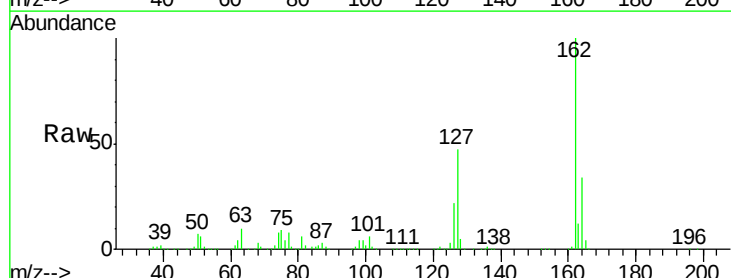
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 36.61 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.7	40.2	60.4
164	34.3	25.7	38.5

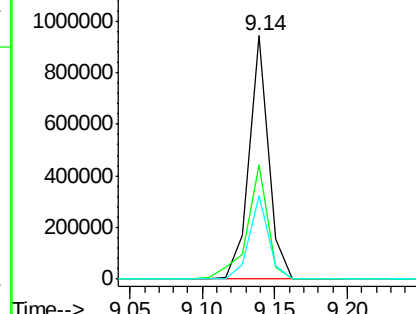
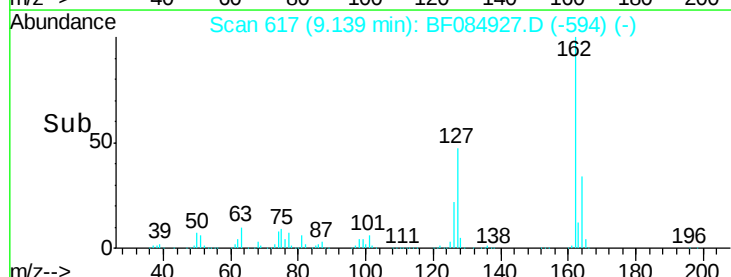


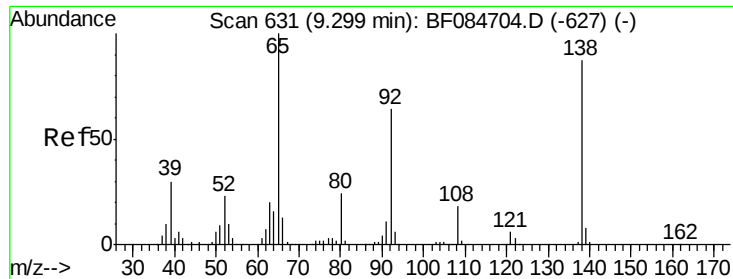
Abundance

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





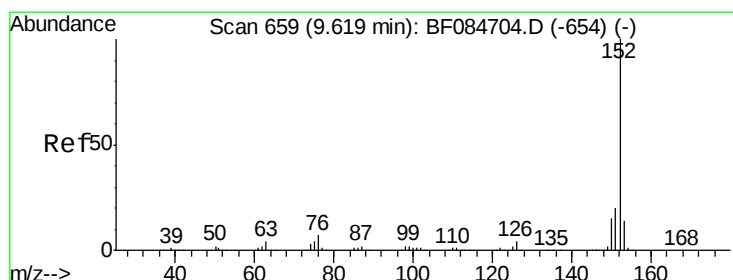
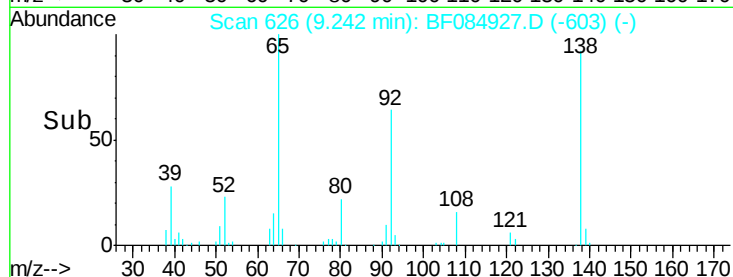
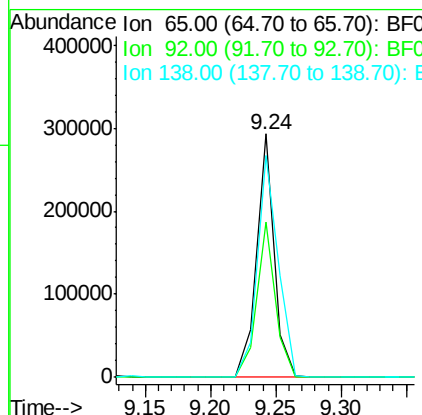
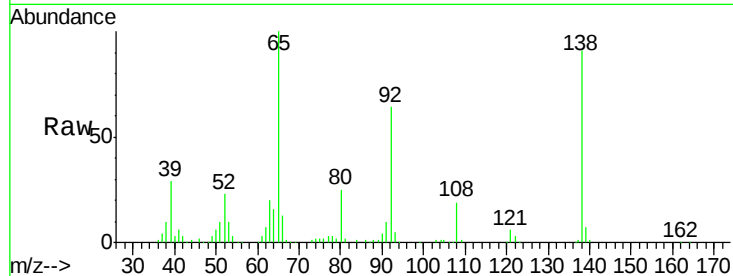
#47
 2-Nitroaniline
 Concen: 36.85 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	278739		
92	63.7	53.4	80.2	
138	91.3	71.1	106.7	

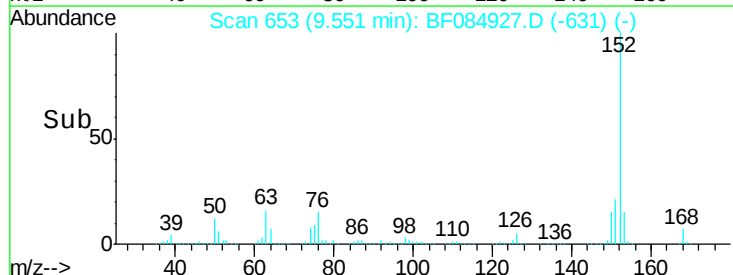
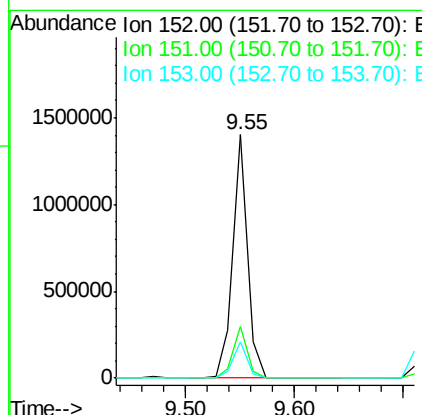
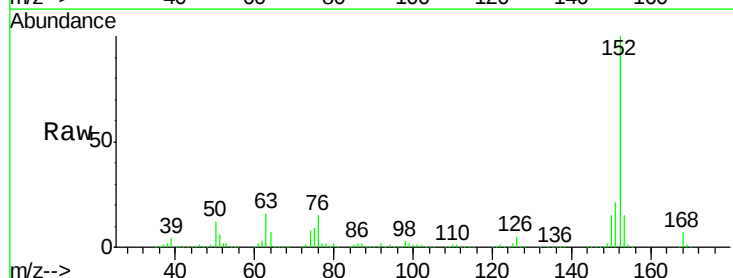
Manual Integrations
 APPROVED

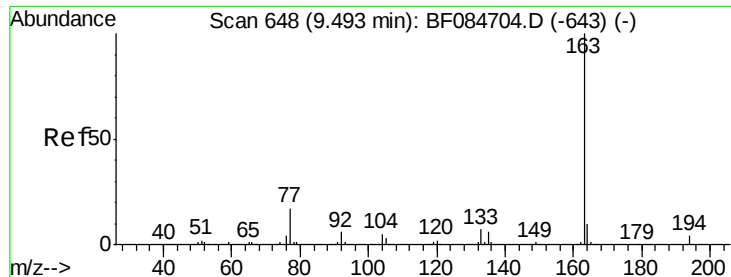
UMANGI
 2/9/2016 12:55:52 PM



#48
 Acenaphthylene
 Concen: 36.01 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1305293		
151	21.2	16.3	24.5	
153	15.0	10.4	15.6	





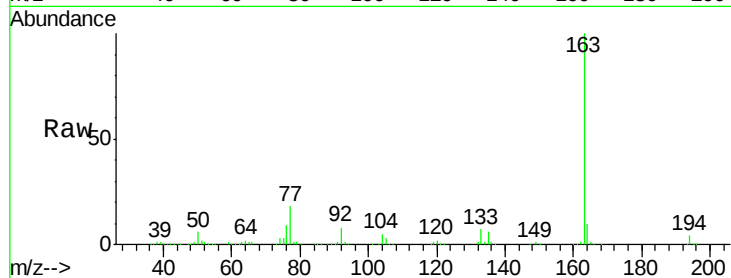
#49
Dimethylphthalate
Concen: 42.93 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

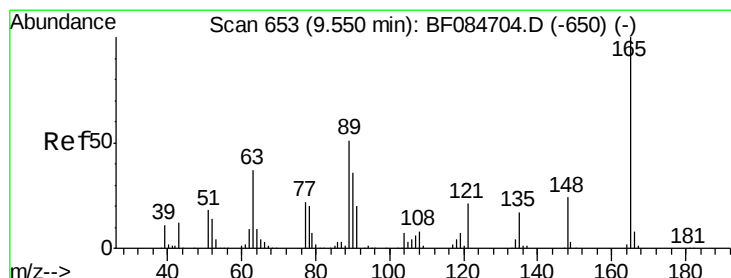
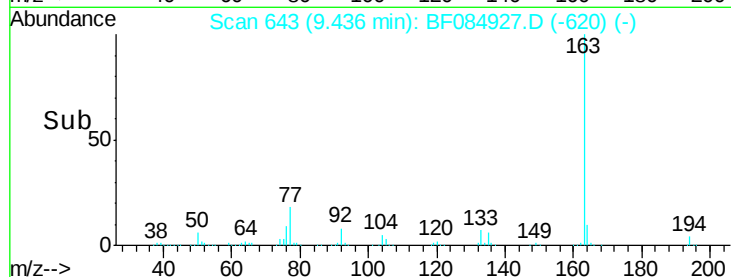
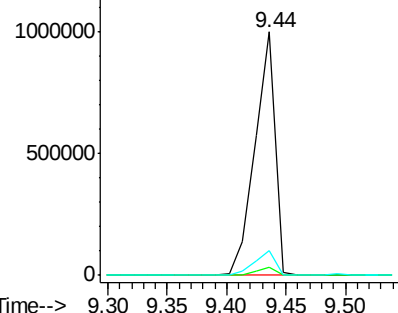
Tgt Ion:163 Resp: 1187553
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.3 8.0 12.0

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM

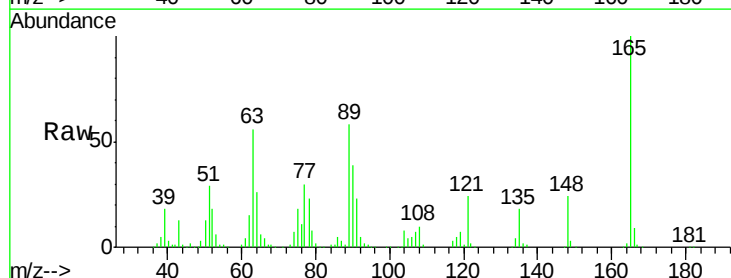


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

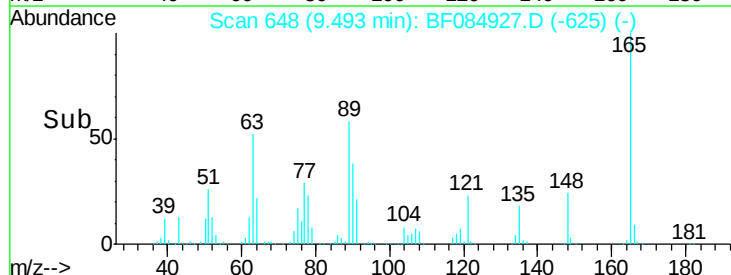
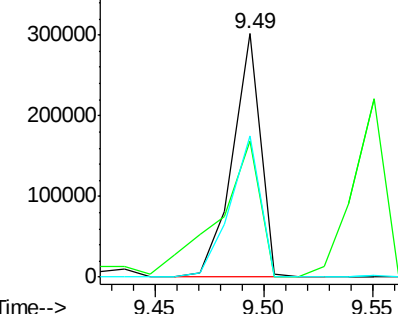


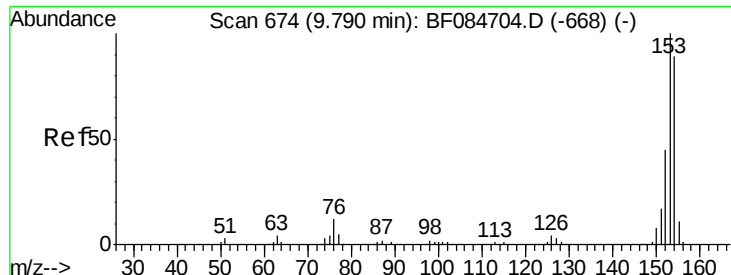
#50
2,6-Dinitrotoluene
Concen: 44.53 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion:165 Resp: 269059
Ion Ratio Lower Upper
165 100
63 55.7 28.8 43.2#
89 58.1 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.24 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

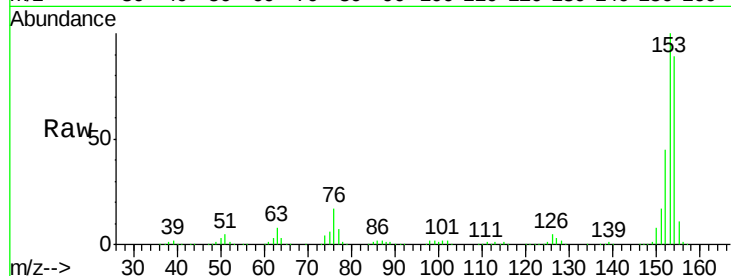
ClientSampleId :

SSTDCCC040

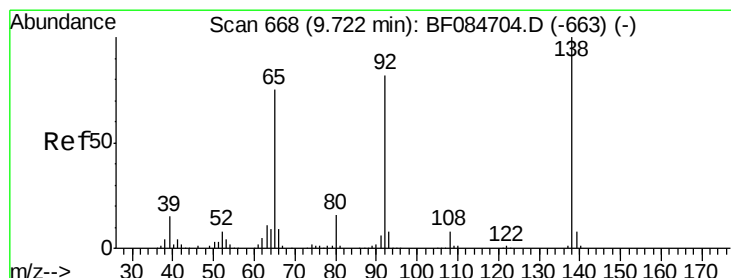
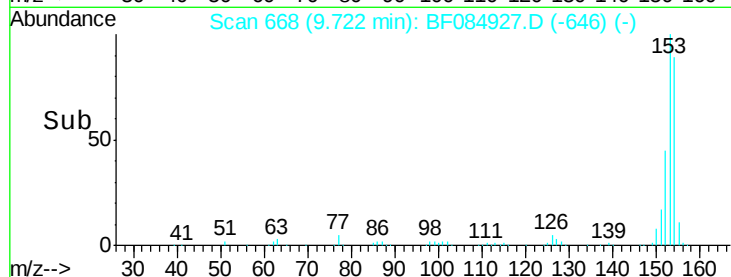
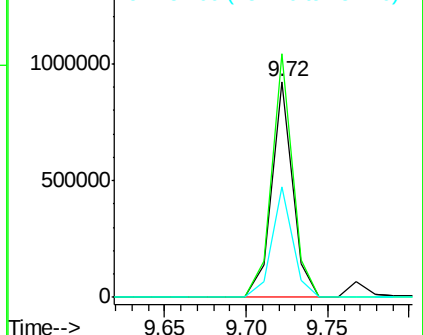
Tgt Ion:	154	Resp:	831076
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.5	137.3
152	51.0	43.0	64.6

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.57 ng

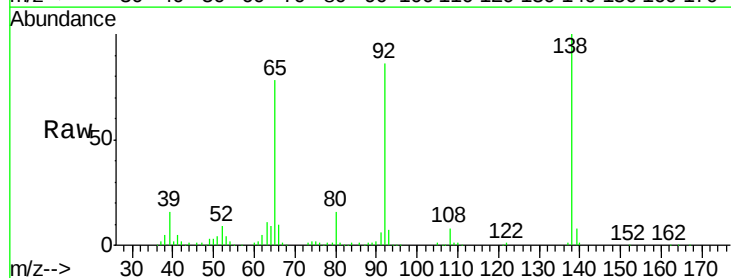
RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

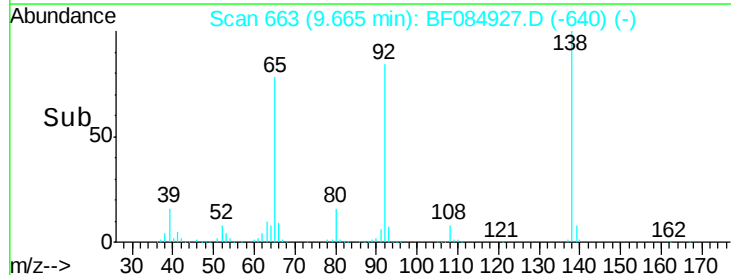
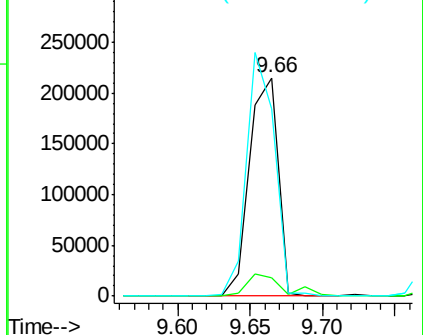
Lab File: BF084927.D

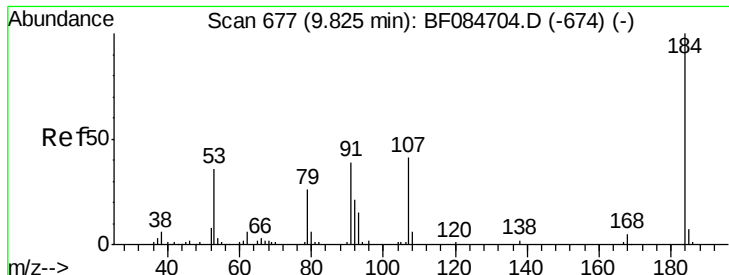
Acq: 8 Feb 2016 14:31

Tgt Ion:	138	Resp:	295827
Ion Ratio	Lower	Upper	
138	100		
108	8.3	10.5	15.7#
92	85.7	103.9	155.9#



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





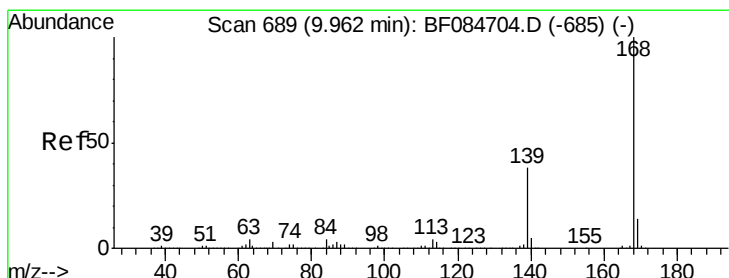
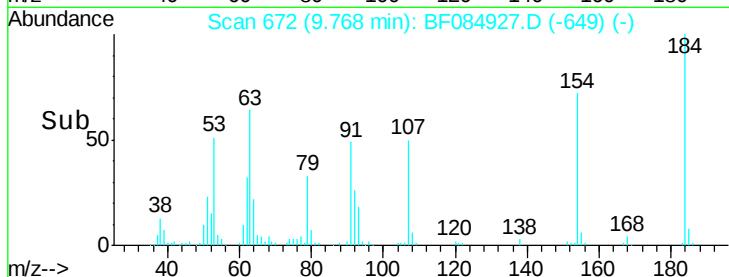
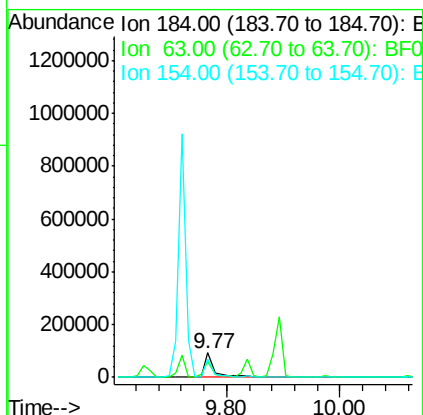
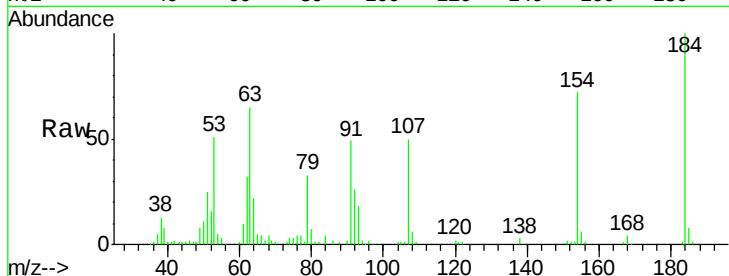
#53
2,4-Dinitrophenol
Concen: 45.23 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	118566		
63	64.7	43.1	64.7	
154	72.3	60.5	90.7	

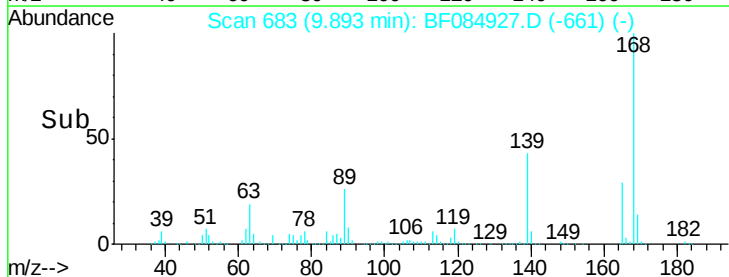
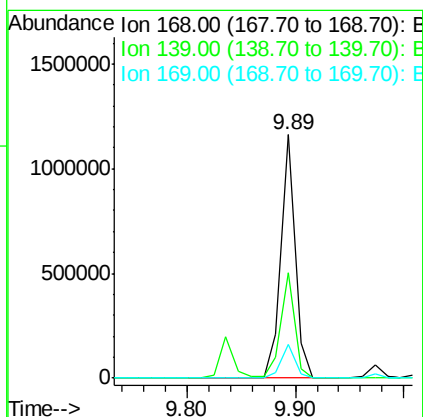
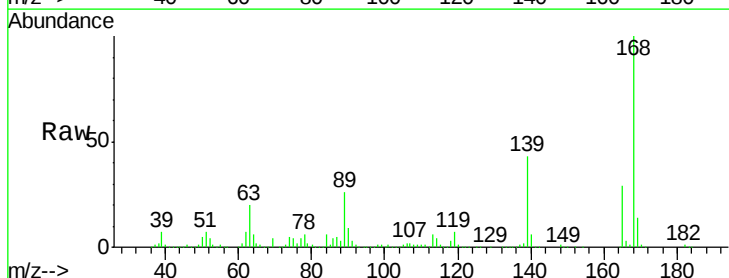
Manual Integrations
APPROVED

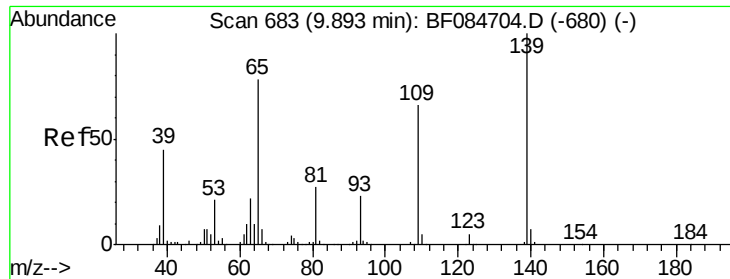
UMANGI
2/9/2016 12:55:52 PM



#54
Dibenzofuran
Concen: 36.71 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1058236		
139	43.3	30.5	45.7	
169	13.9	10.4	15.6	





#55

4-Nitrophenol

Concen: 35.29 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

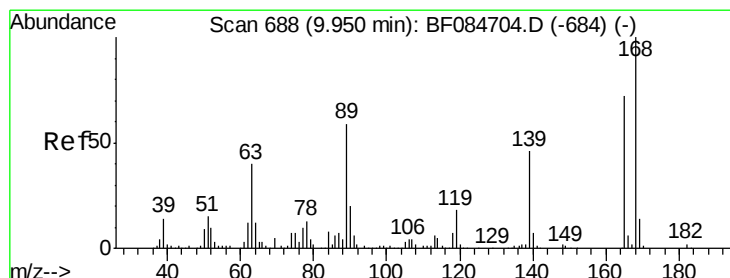
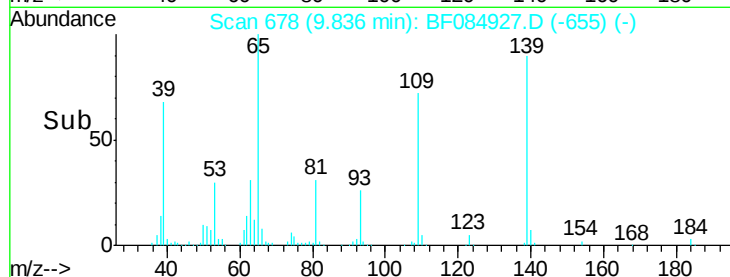
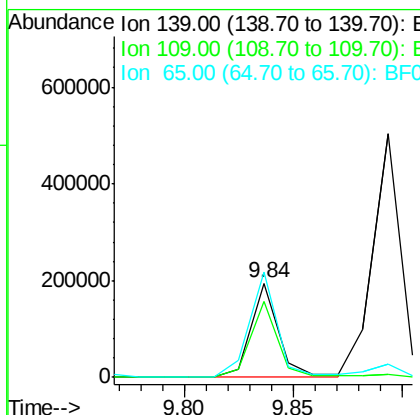
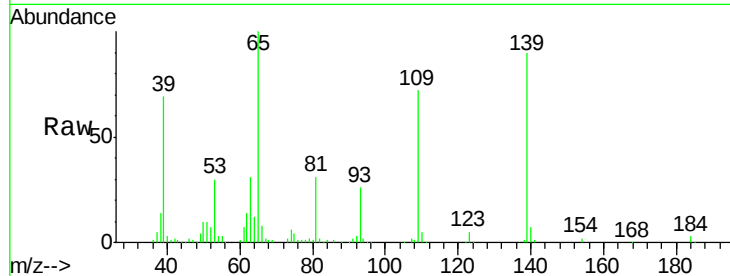
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	176105		
109	80.3	58.5	98.5	
65	111.2	57.6	97.6	

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#56

2,4-Dinitrotoluene

Concen: 40.24 ng

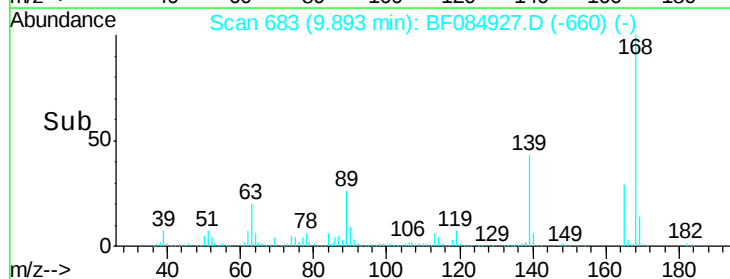
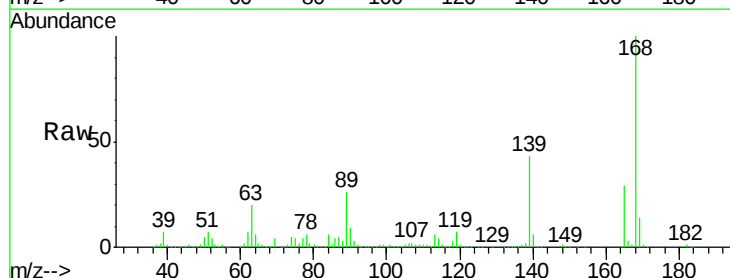
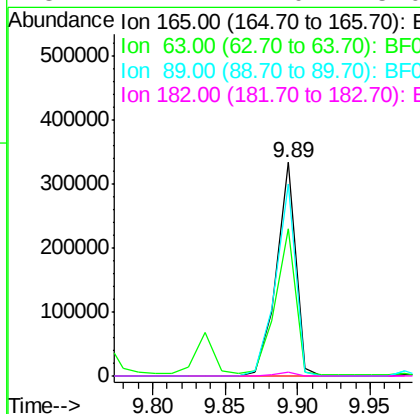
RT: 9.89 min Scan# 683

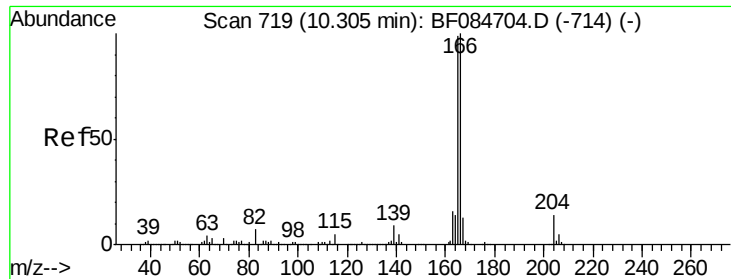
Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	310148		
63	69.0	36.7	55.1	
89	89.8	61.9	92.9	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 39.18 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

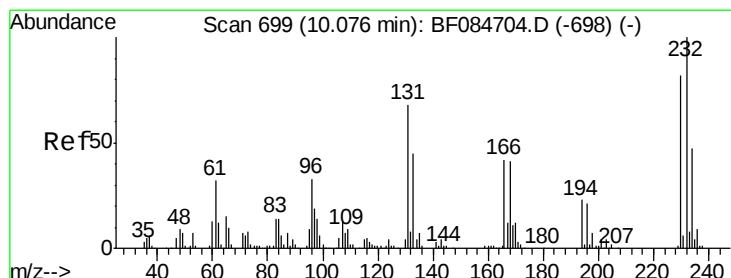
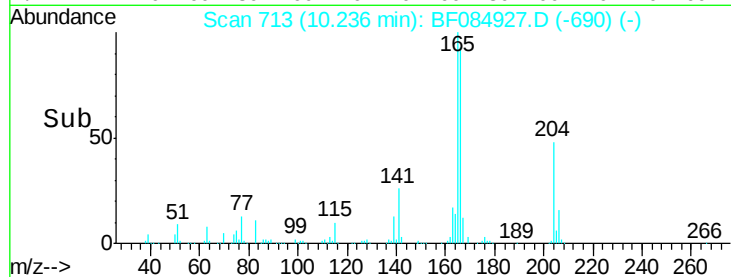
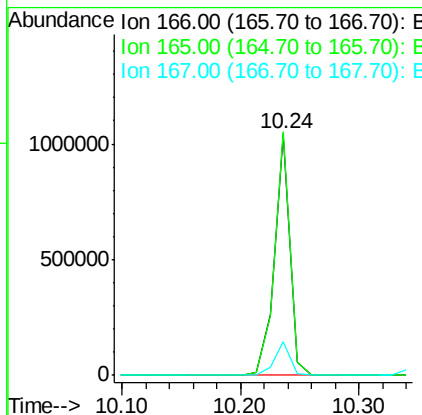
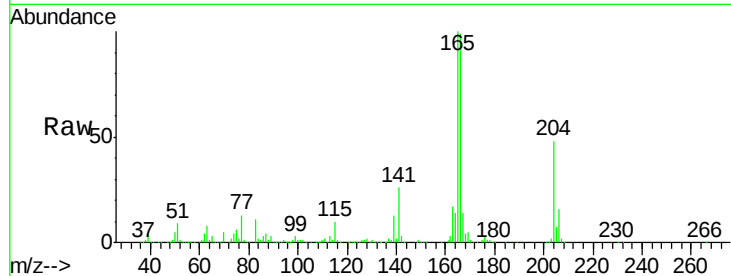
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	943192
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.1	118.7
167	14.0	10.4	15.6

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.74 ng

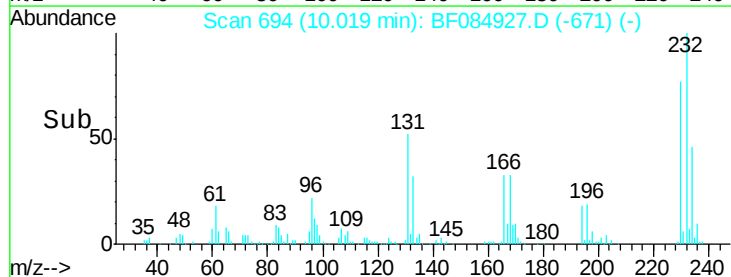
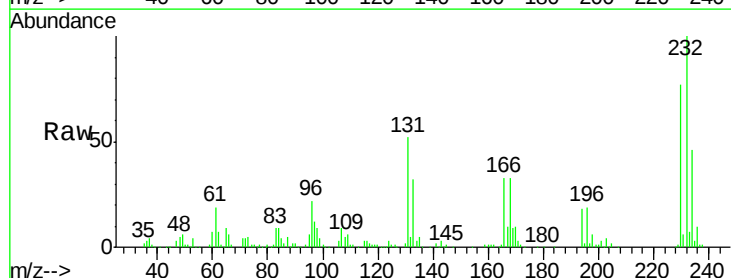
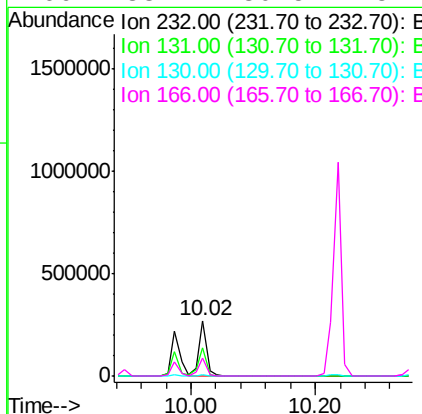
RT: 10.02 min Scan# 694

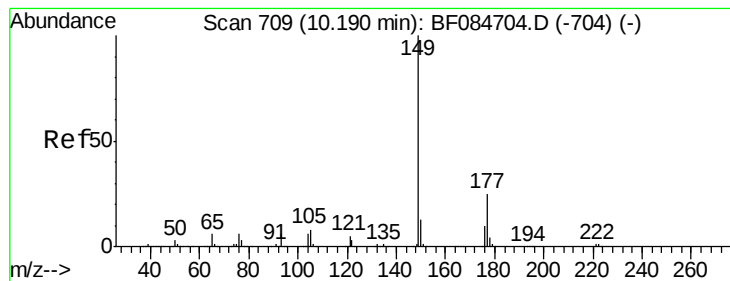
Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	232	Resp:	239894
Ion Ratio	Lower	Upper	
232	100		
131	52.0	47.0	70.6
130	2.6	2.0	3.0
166	33.1	30.5	45.7





#59

Diethylphthalate

Concen: 38.21 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1032002

Ion Ratio Lower Upper

149 100

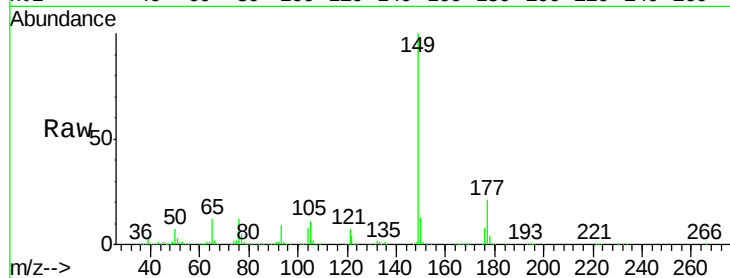
177 21.4 17.3 25.9

150 12.7 9.8 14.8

Manual Integrations
APPROVED

UMANGI

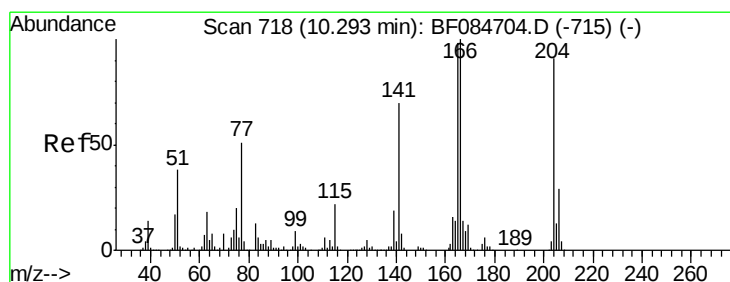
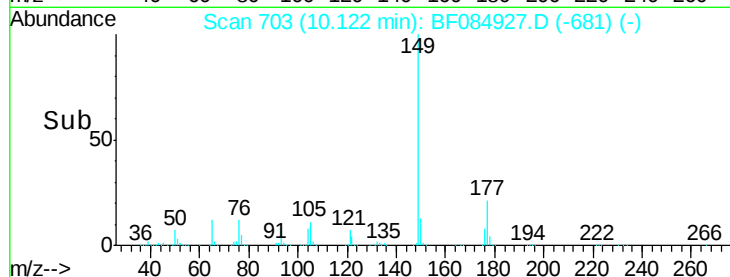
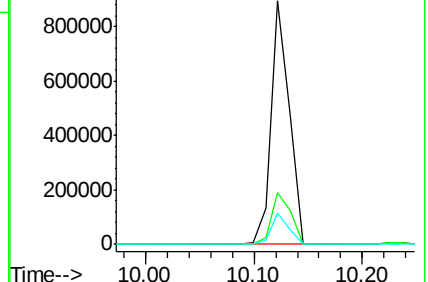
2/9/2016 12:55:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.19 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:204 Resp: 490629

Ion Ratio Lower Upper

204 100

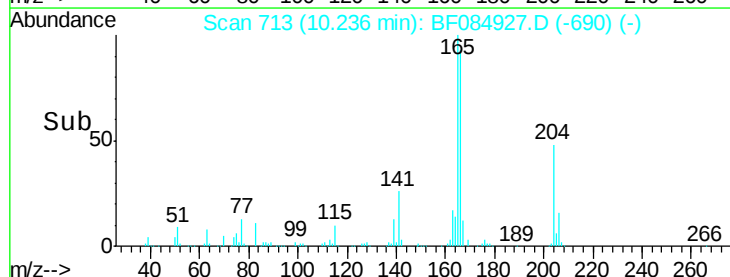
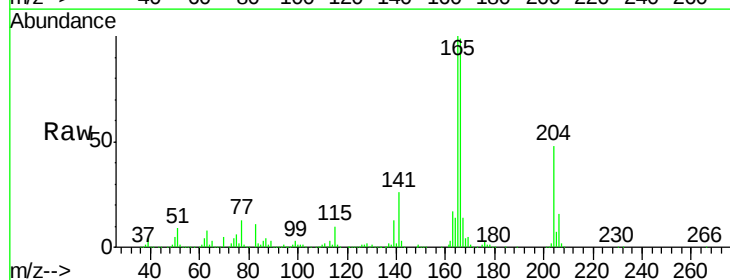
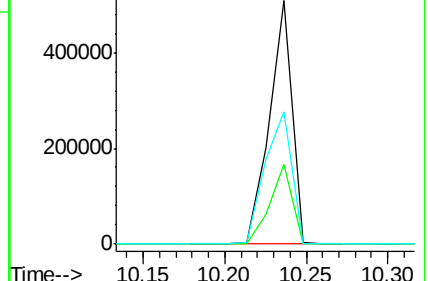
206 32.9 25.7 38.5

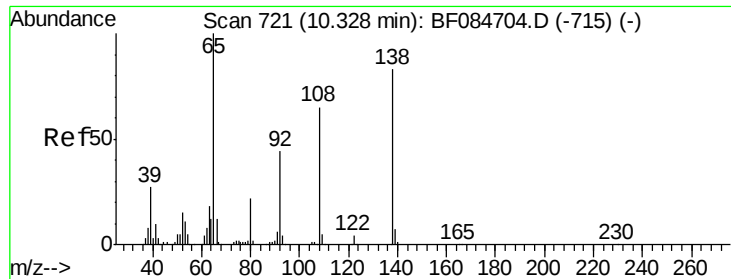
141 54.1 55.1 82.7#

Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.51 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

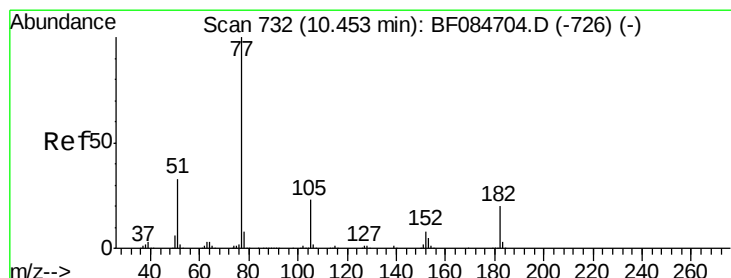
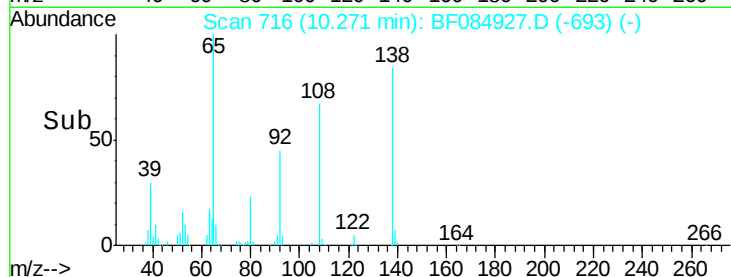
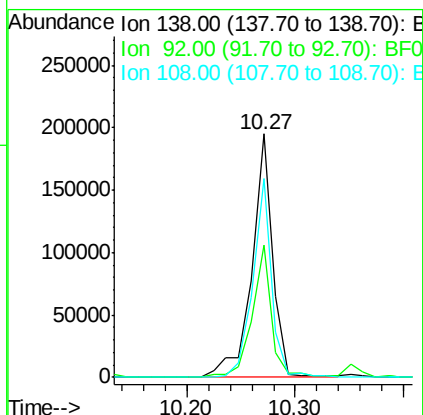
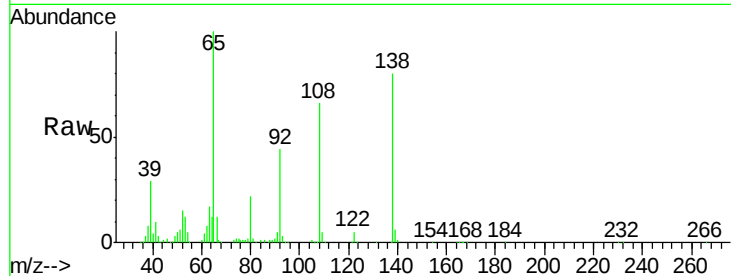
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	261414
Ion Ratio	Lower	Upper	
138	100		
92	54.1	32.6	72.6
108	81.7	68.6	108.6

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#62

Azobenzene

Concen: 41.22 ng

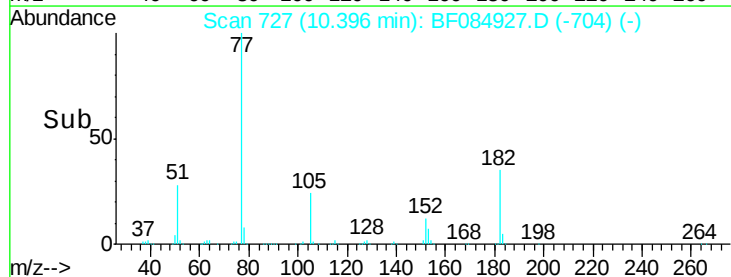
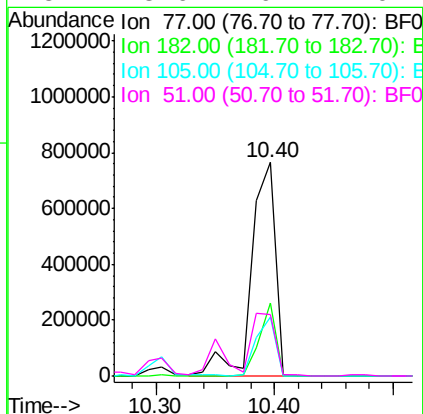
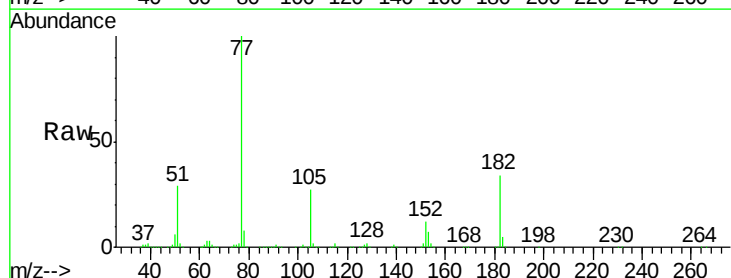
RT: 10.40 min Scan# 727

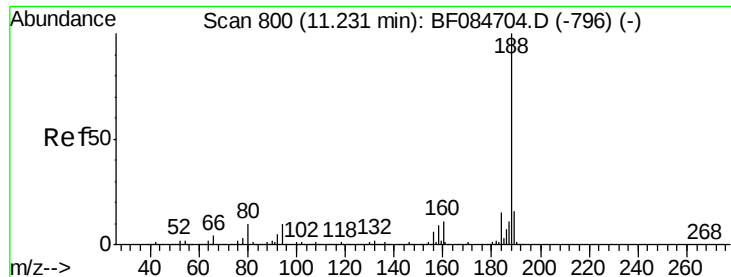
Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	77	Resp:	1070648
Ion Ratio	Lower	Upper	
77	100		
182	34.3	8.3	48.3
105	27.4	4.6	44.6
51	28.6	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

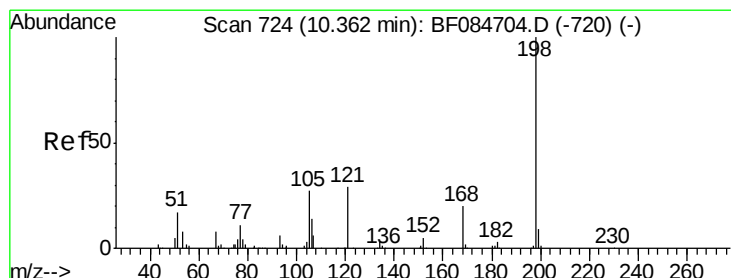
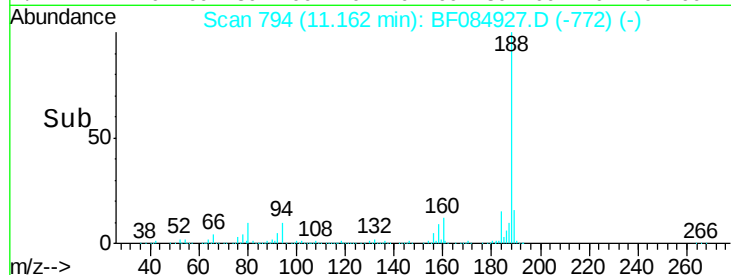
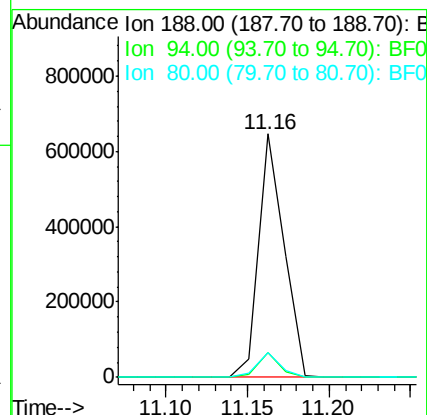
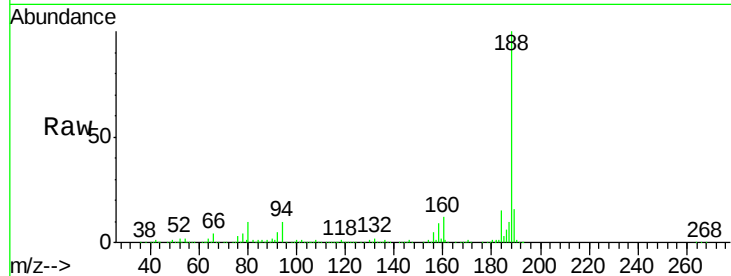
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	701746
Ion Ratio		Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.4	9.6	14.4

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 43.30 ng

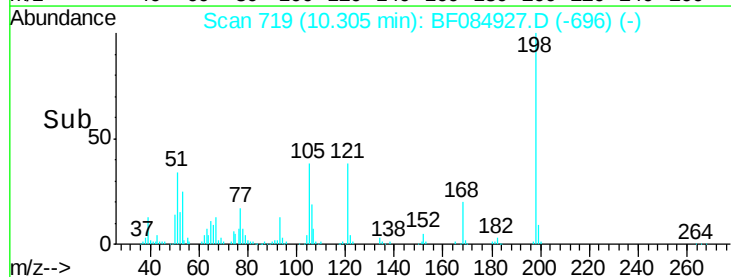
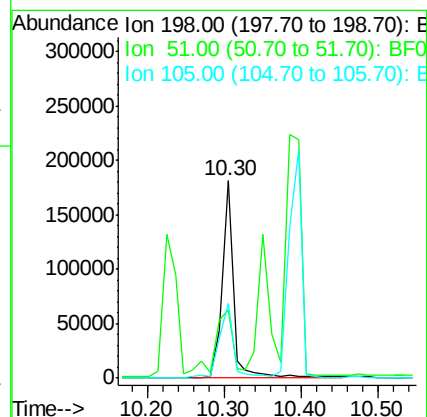
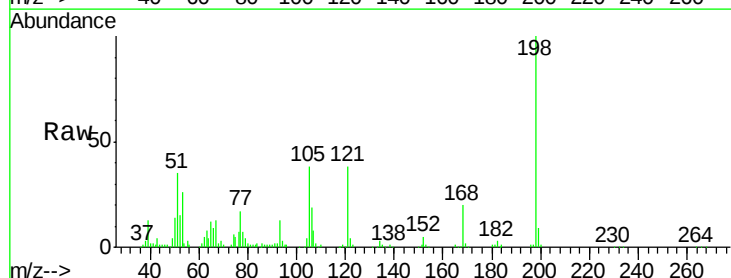
RT: 10.30 min Scan# 719

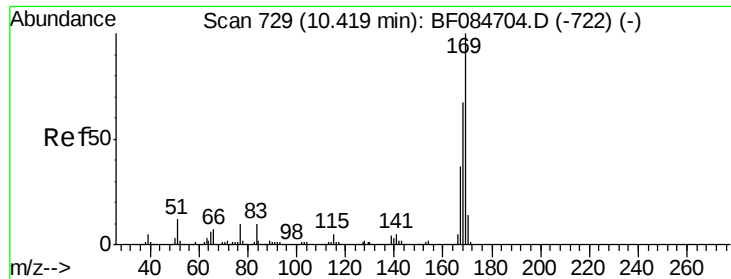
Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	198	Resp:	187520
Ion Ratio		Lower	Upper
198	100		
51	34.7	18.9	58.9
105	38.1	26.4	66.4





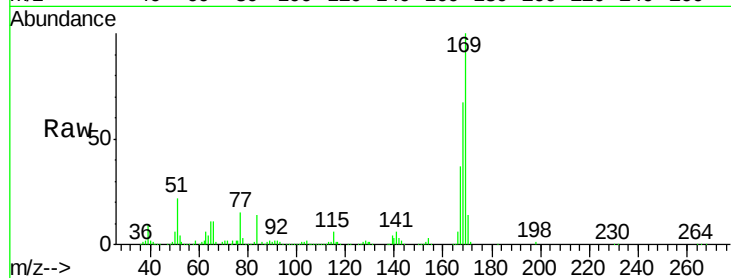
#65
n-Nitrosodiphenylamine
Concen: 38.65 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.05 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

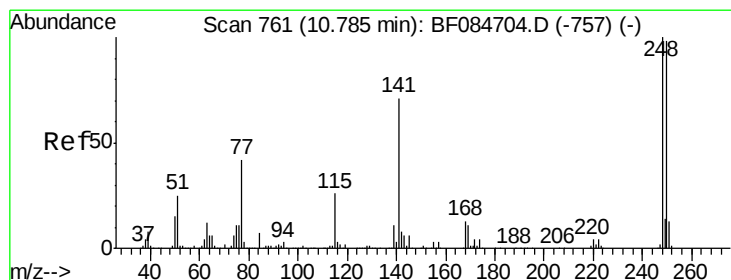
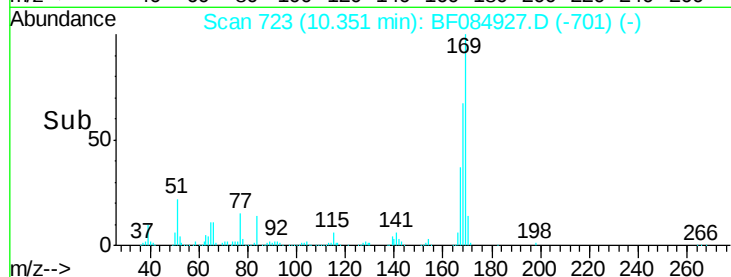
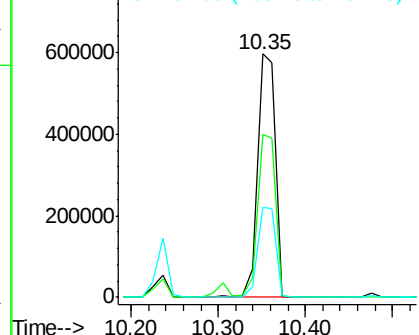
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	861149		
168	67.0	55.1	82.7	
167	36.7	30.0	45.0	

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



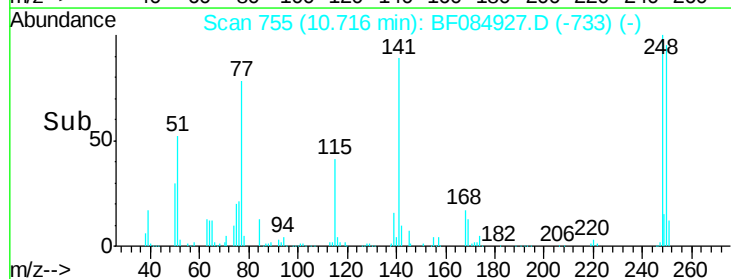
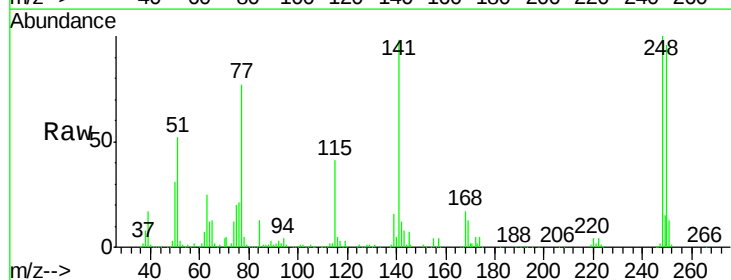
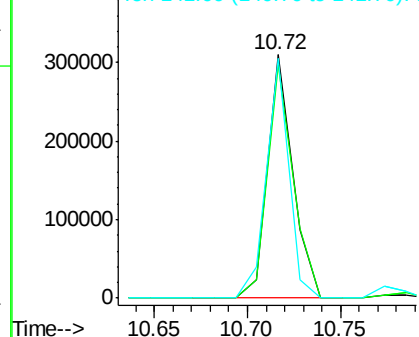
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

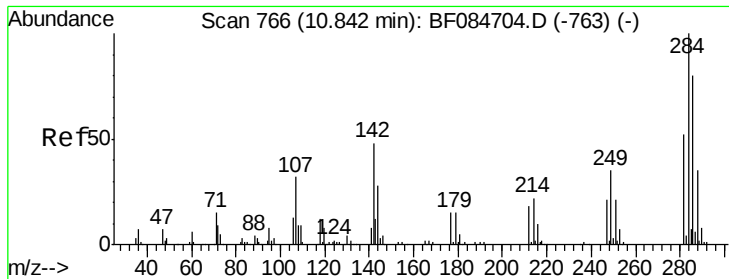


#66
4-Bromophenyl-phenylether
Concen: 37.25 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	288699		
250	96.1	78.4	117.6	
141	98.5	44.0	66.0	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.27 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF084927.D

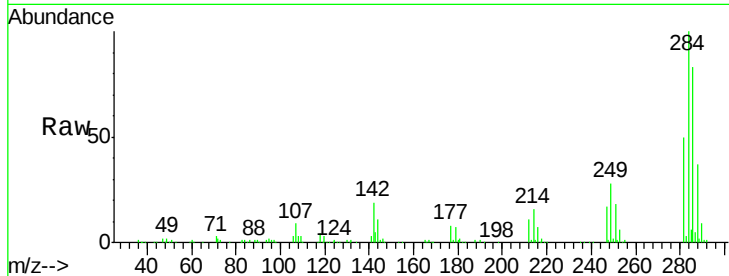
Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

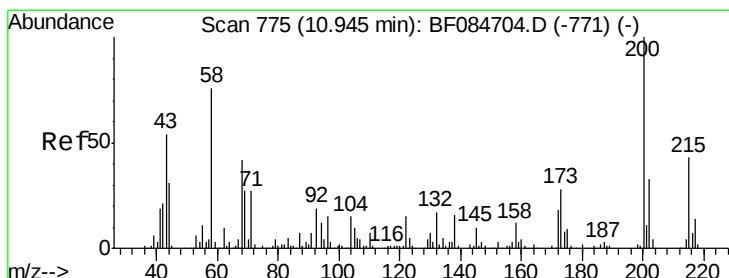
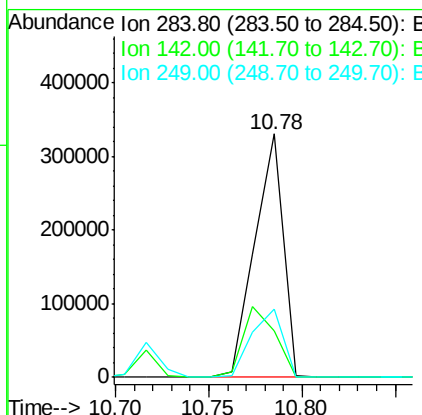
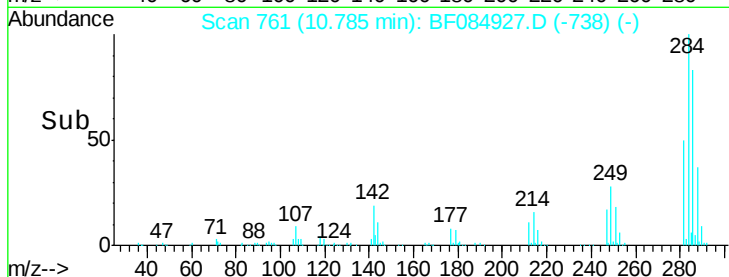
SSTDCCC040



Tgt Ion:	284	Resp:	348528
Ion Ratio	Lower	Upper	
284	100		
142	18.9	22.2	33.4#
249	28.2	24.6	37.0

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#68

Atrazine

Concen: 36.99 ng

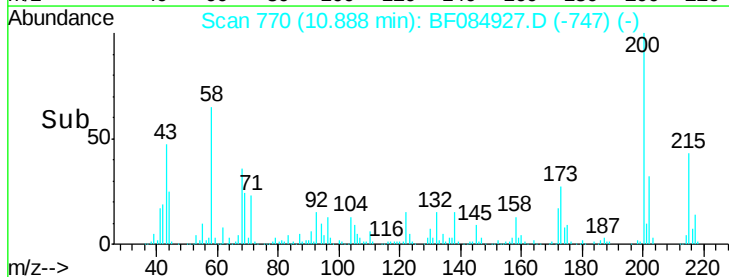
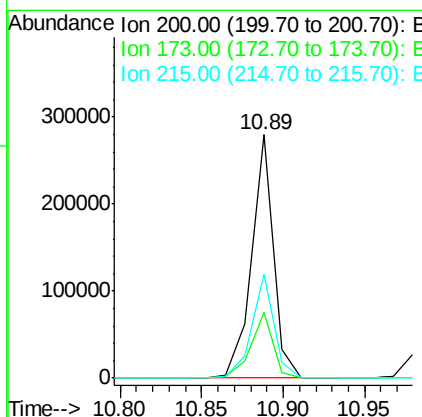
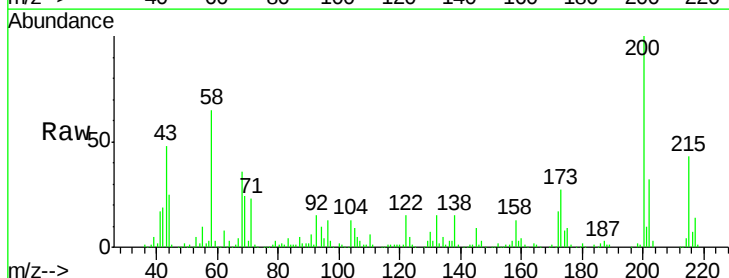
RT: 10.89 min Scan# 770

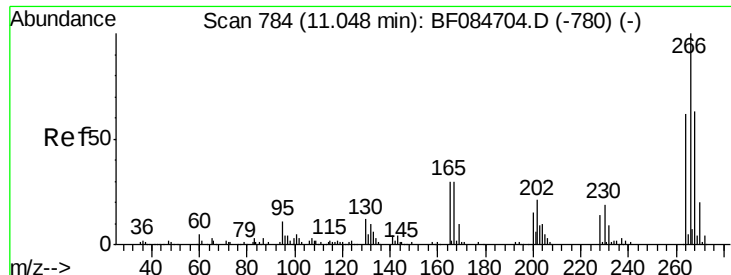
Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	200	Resp:	260276
Ion Ratio	Lower	Upper	
200	100		
173	26.7	9.5	49.5
215	42.9	23.8	63.8





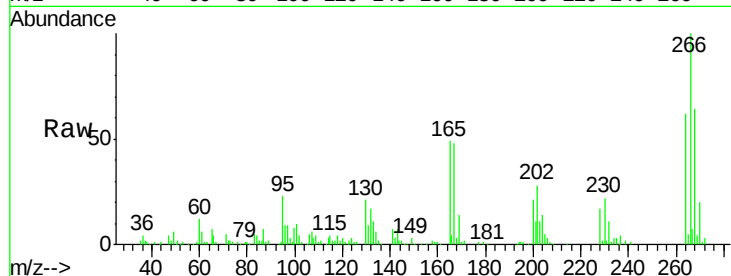
#69
 Pentachlorophenol
 Concen: 30.85 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

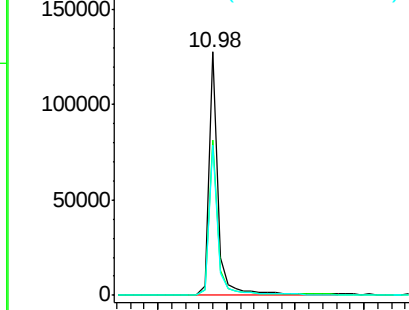
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	122465		
268	63.9	52.4	78.6	
264	61.6	50.2	75.2	

Manual Integrations
 APPROVED

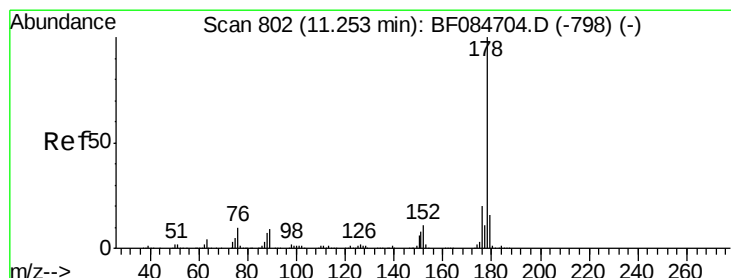
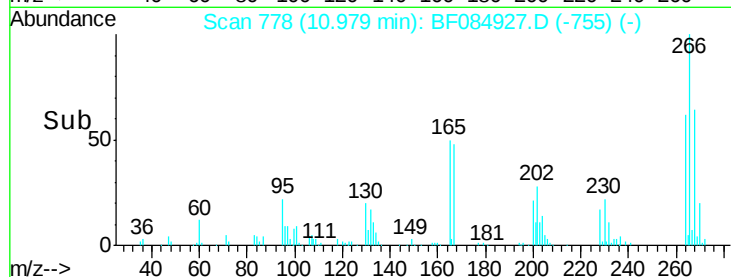
UMANGI
 2/9/2016 12:55:52 PM



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

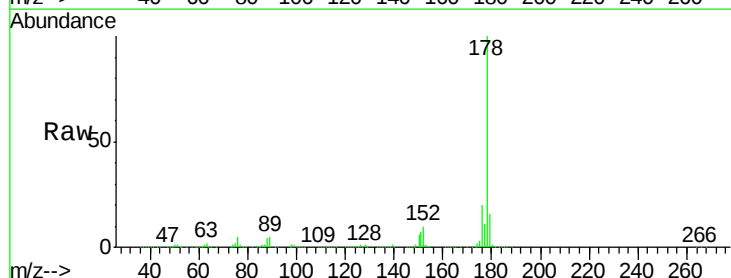


Time-->

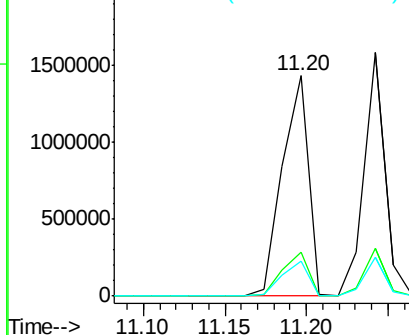


#70
 Phenanthrene
 Concen: 41.31 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

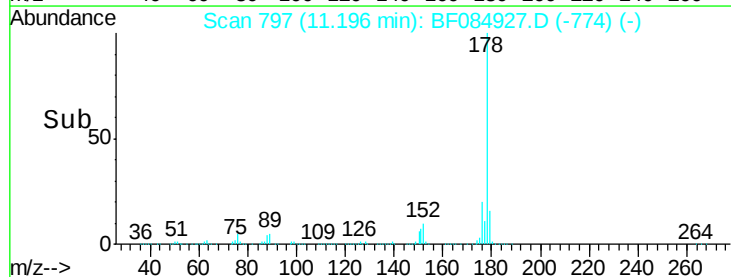
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1607774		
176	20.1	15.3	22.9	
179	16.2	12.0	18.0	

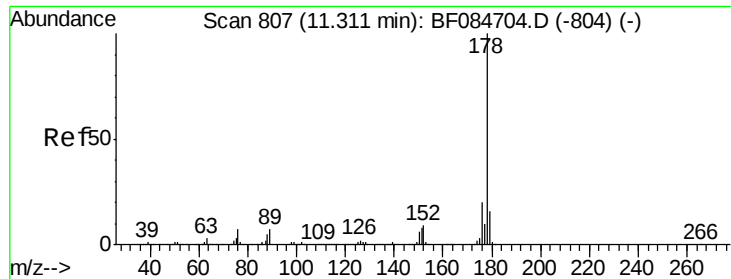


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





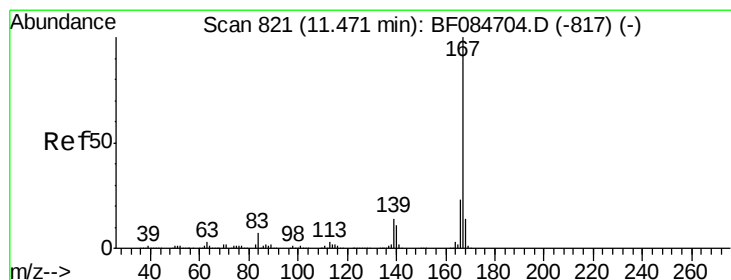
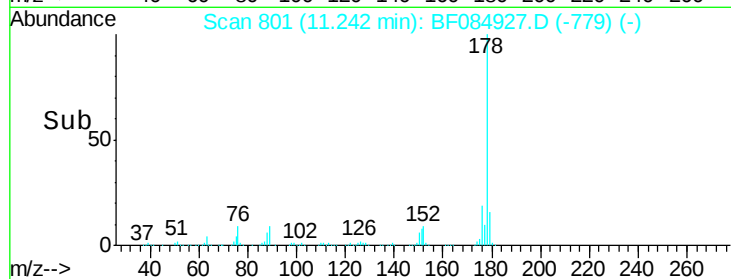
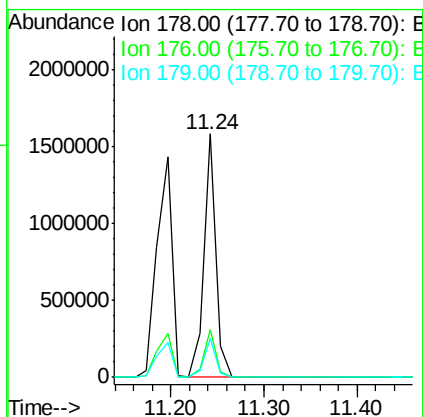
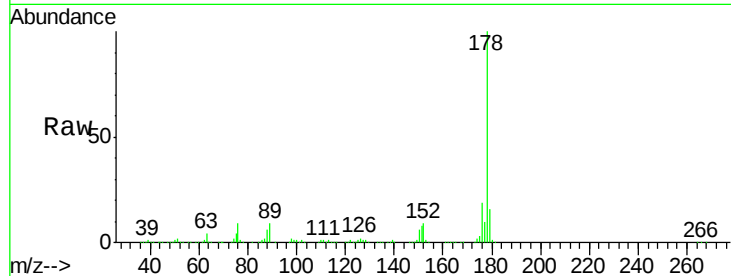
#71
 Anthracene
 Concen: 36.40 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1427505
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 16.2 12.5 18.7

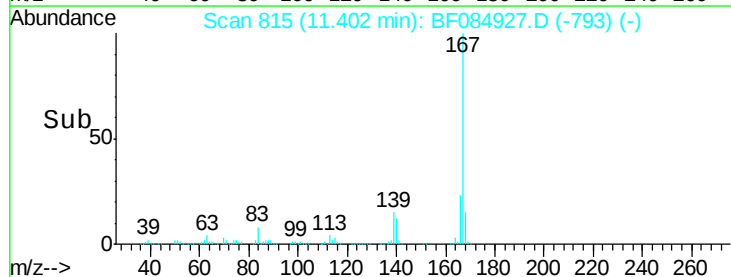
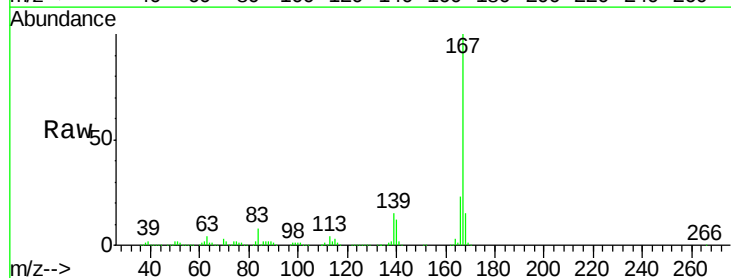
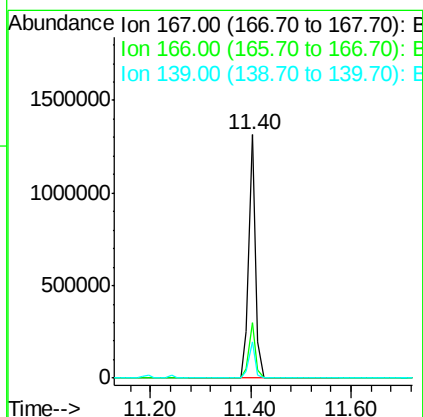
Manual Integrations
 APPROVED

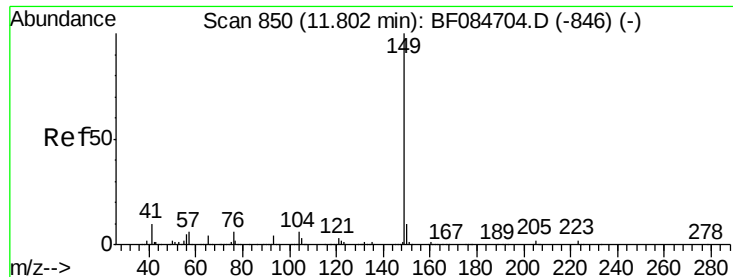
UMANGI
 2/9/2016 12:55:52 PM



#72
 Carbazole
 Concen: 35.72 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion:167 Resp: 1221546
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 15.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 41.14 ng

RT: 11.75 min Scan# 845

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

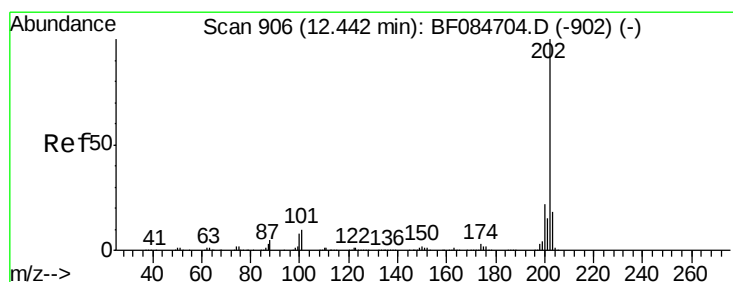
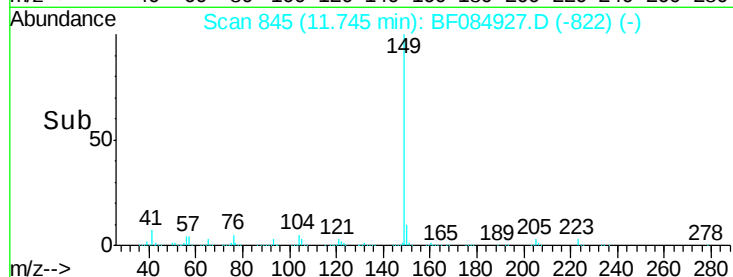
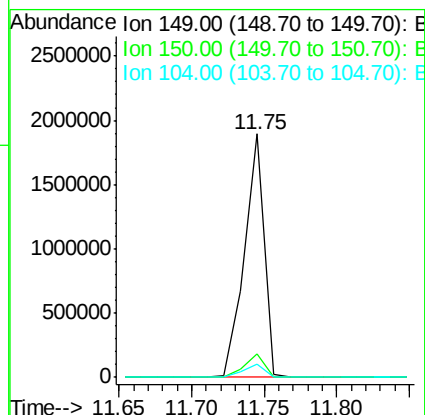
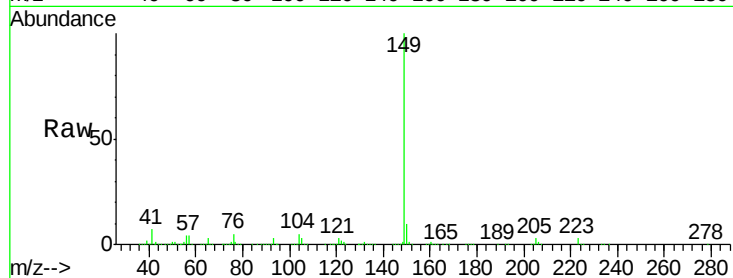
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1790968
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.1	10.7
104	5.2	3.2	4.8#

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#74

Fluoranthene

Concen: 38.46 ng

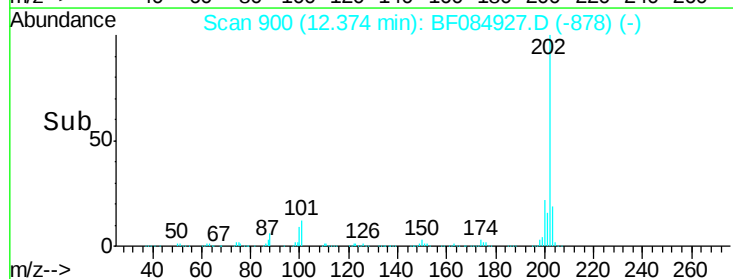
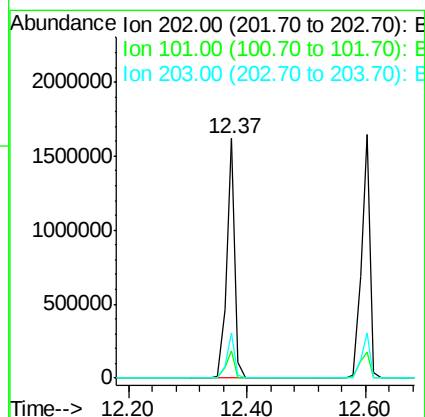
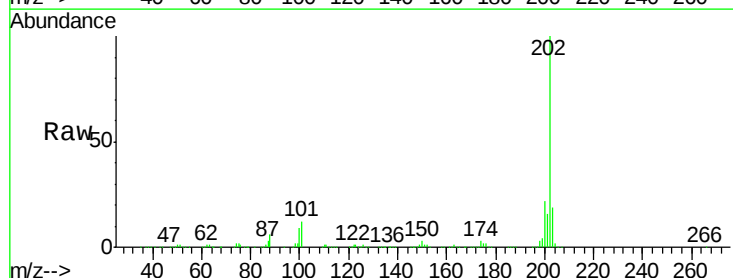
RT: 12.37 min Scan# 900

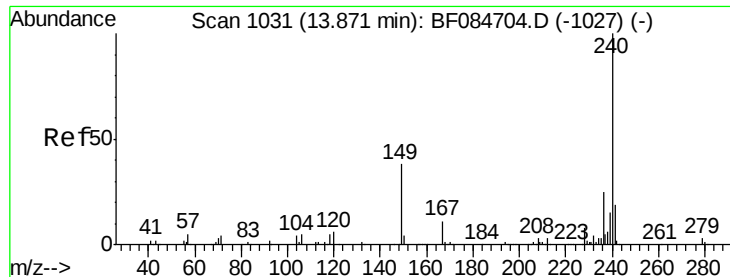
Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	202	Resp:	1514954
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.8
203	18.9	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

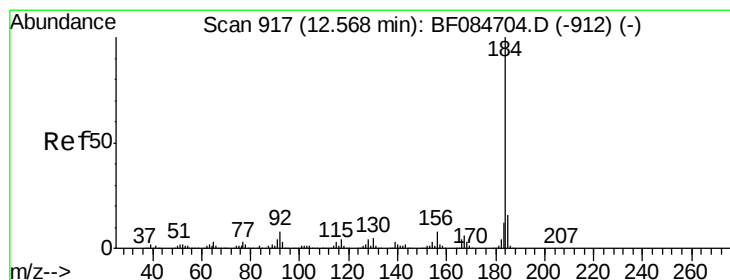
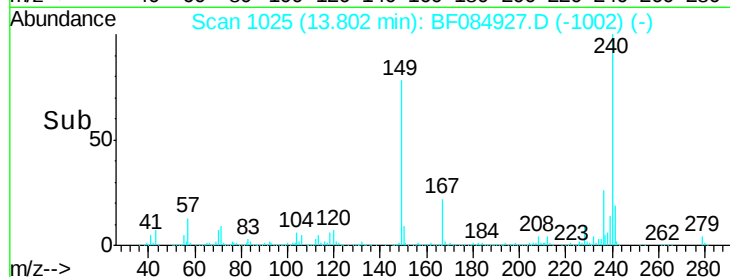
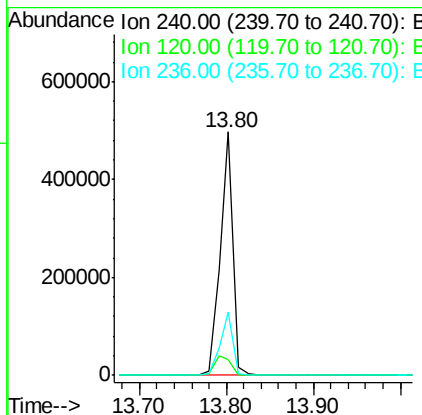
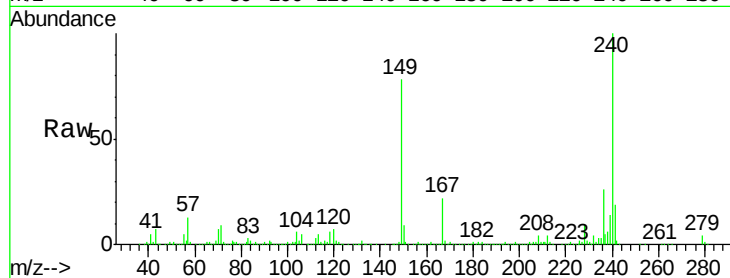
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	512937		
120	6.6	9.5	14.3#	
236	25.8	20.6	31.0	

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#76

Benzidine

Concen: 33.55 ng

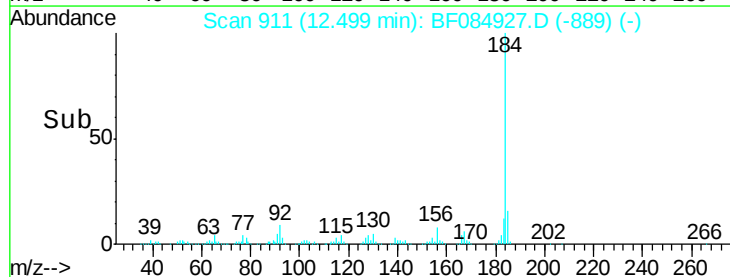
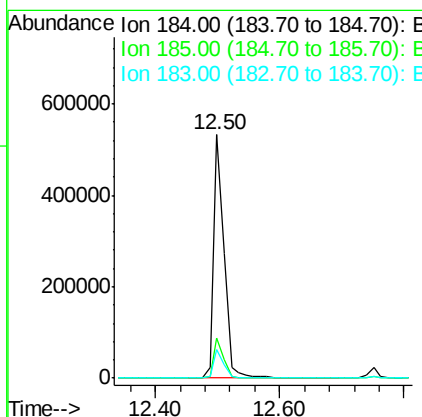
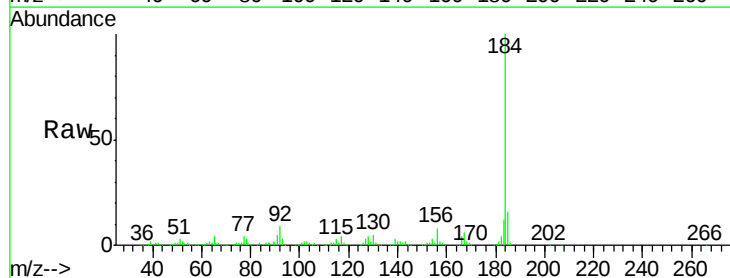
RT: 12.50 min Scan# 911

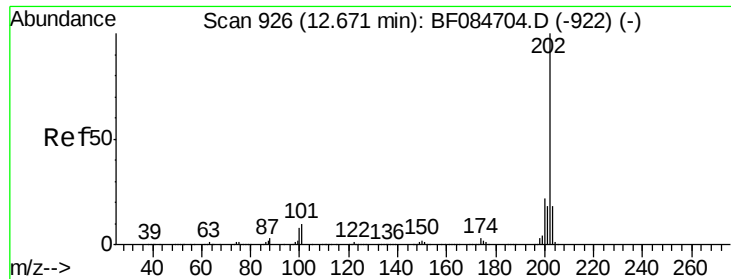
Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	610210		
185	16.3	12.2	18.2	
183	11.6	9.8	14.8	





#77

Pyrene

Concen: 41.98 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1648548

Ion Ratio Lower Upper

202 100

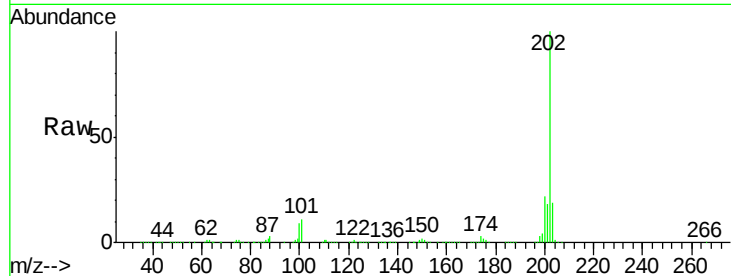
200 22.3 17.2 25.8

203 18.6 14.3 21.5

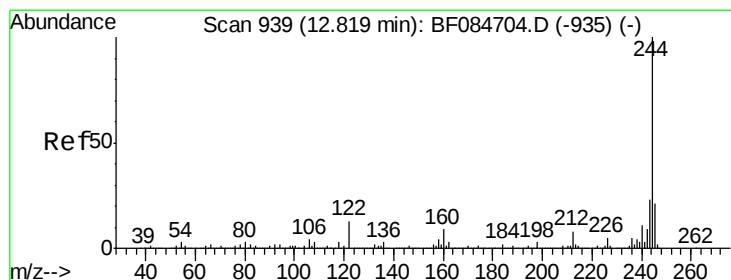
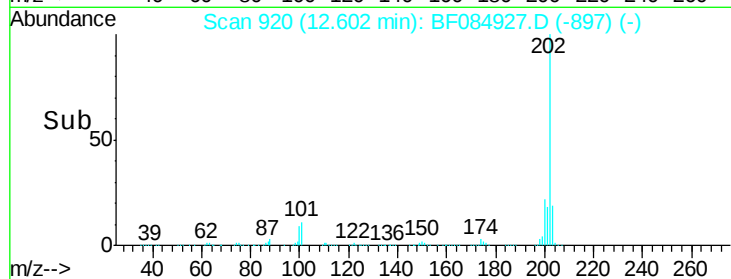
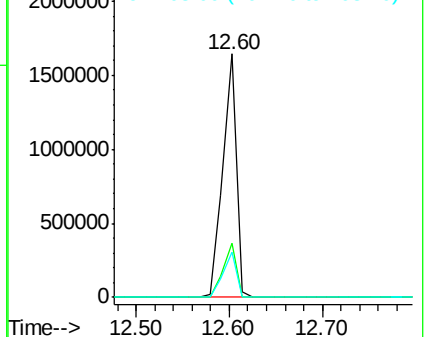
Manual Integrations
APPROVED

UMANGI

2/9/2016 12:55:52 PM



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



#78

Terphenyl-d14

Concen: 72.85 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

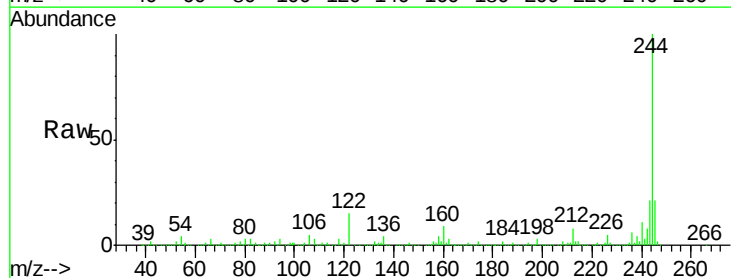
Tgt Ion:244 Resp: 1649005

Ion Ratio Lower Upper

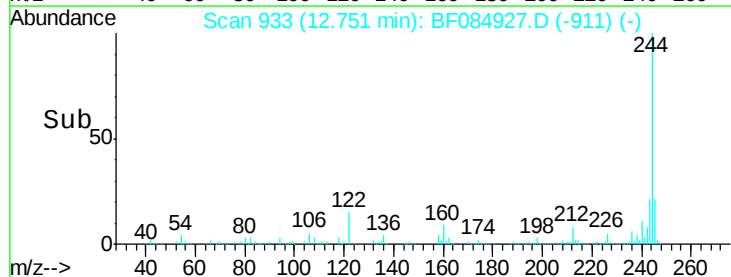
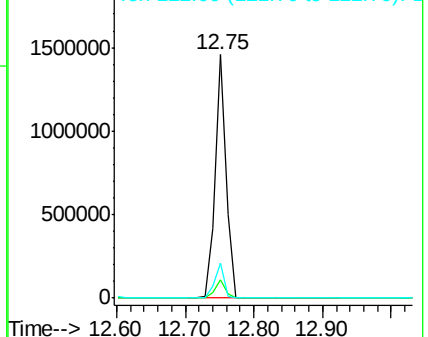
244 100

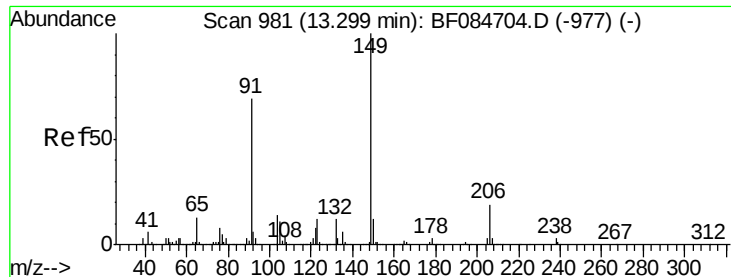
212 7.8 5.7 8.5

122 14.5 7.4 11.0#



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





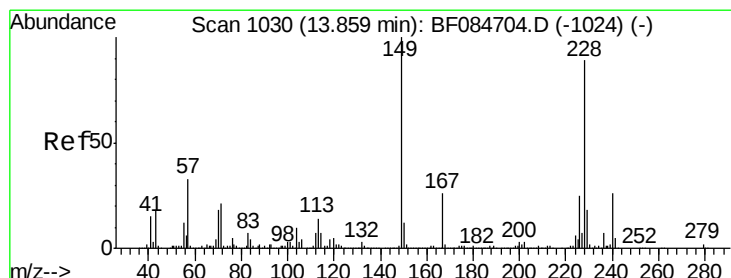
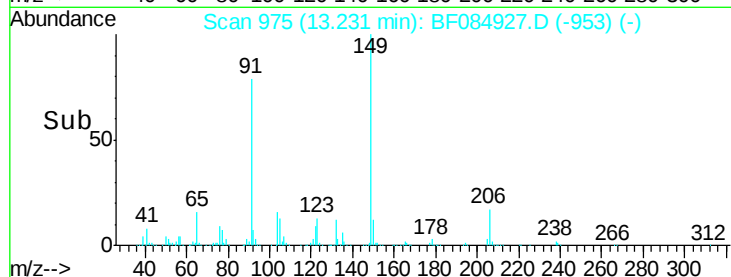
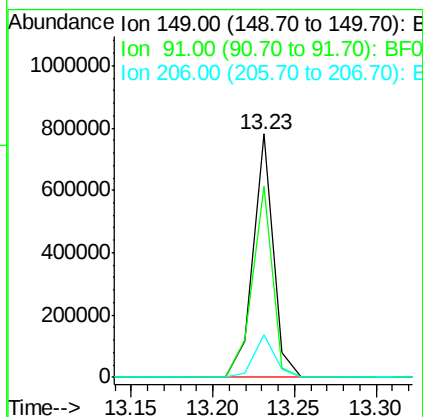
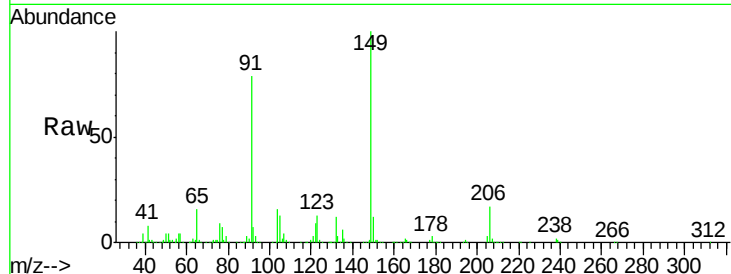
#79
Butylbenzylphthalate
Concen: 37.76 ng
RT: 13.23 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	672734		
91	78.6	57.6	86.4	
206	17.4	13.2	19.8	

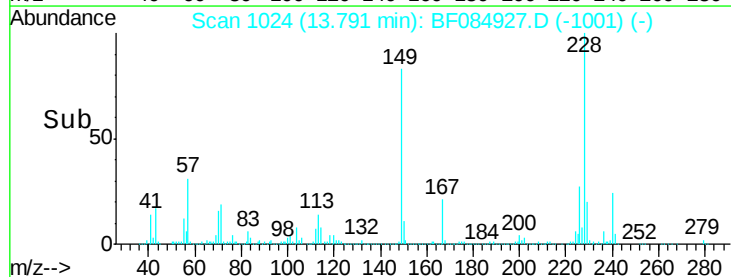
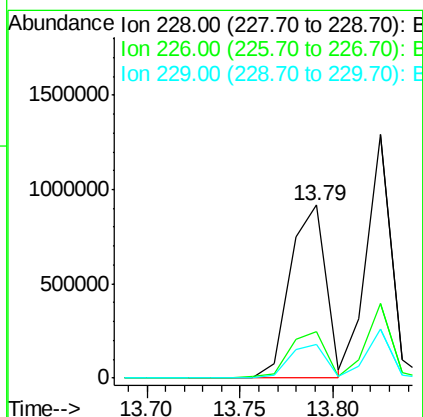
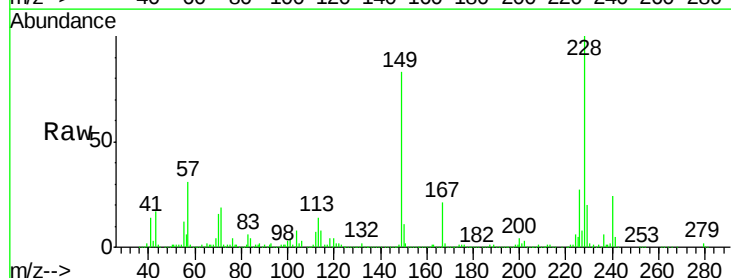
Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#80
Benzo(a)anthracene
Concen: 38.57 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084927.D
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1227955		
226	26.5	21.8	32.6	
229	19.5	15.8	23.8	





#81

3,3'-Dichlorobenzidine

Concen: 39.07 ng

RT: 13.76 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

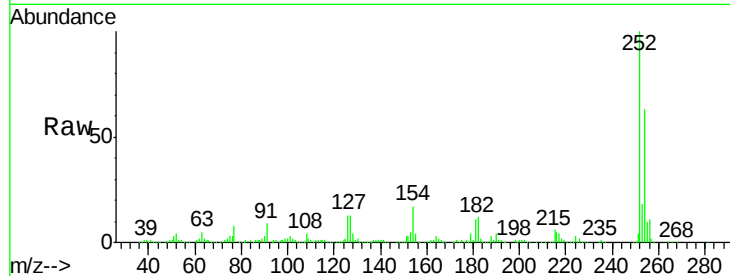
ClientSampleId :

SSTDCCC040

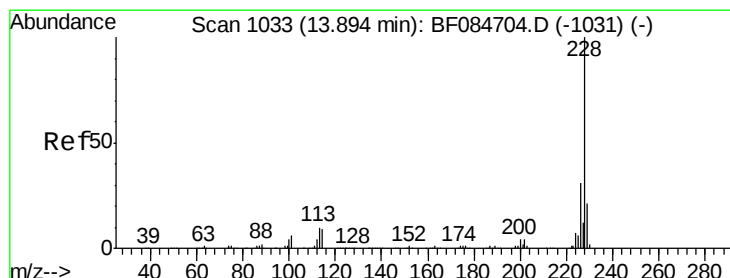
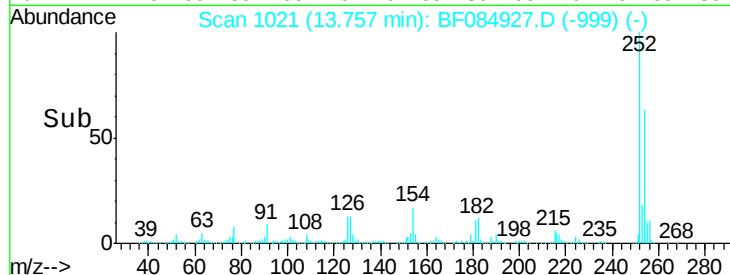
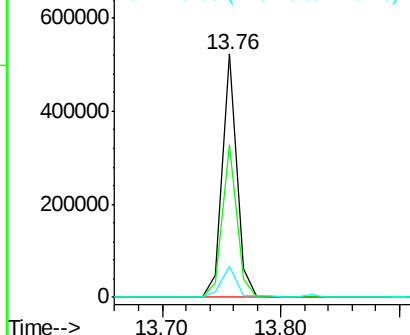
Tgt Ion:	252	Resp:	440432
Ion Ratio	Lower	Upper	
252	100		
254	62.9	53.5	80.3
126	12.6	4.9	7.3#

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.45 ng

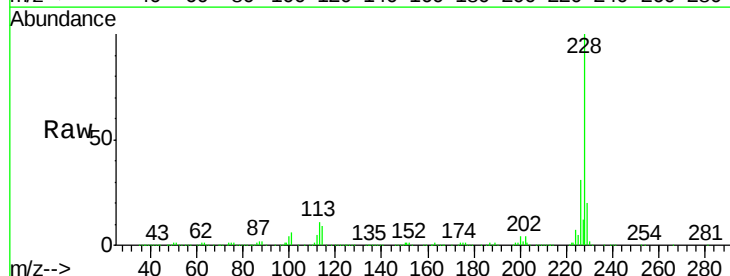
RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

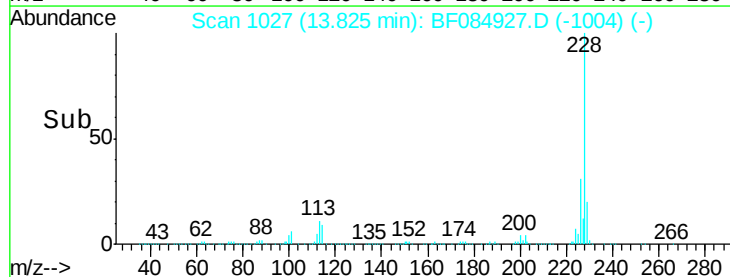
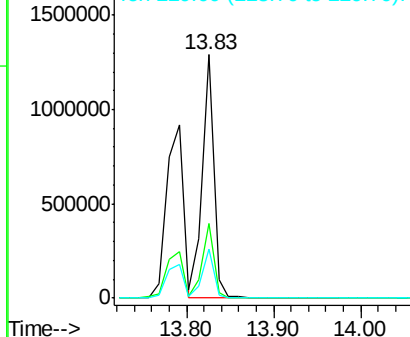
Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion:	228	Resp:	1187128
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	20.0	16.1	24.1



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





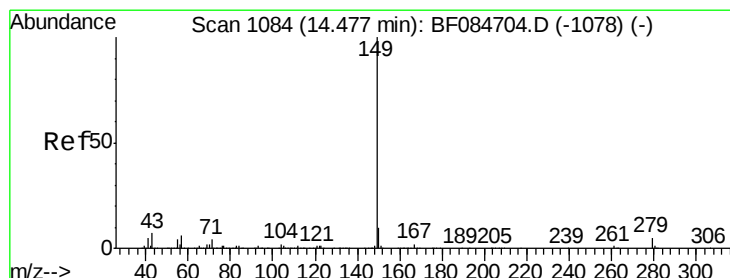
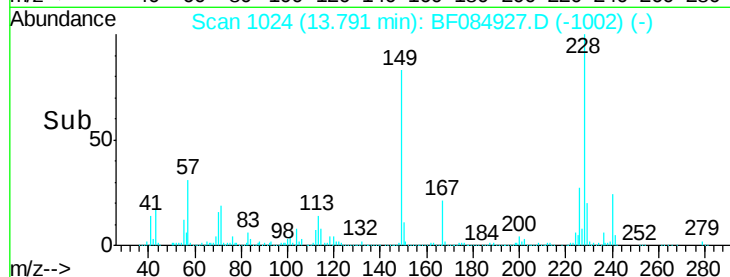
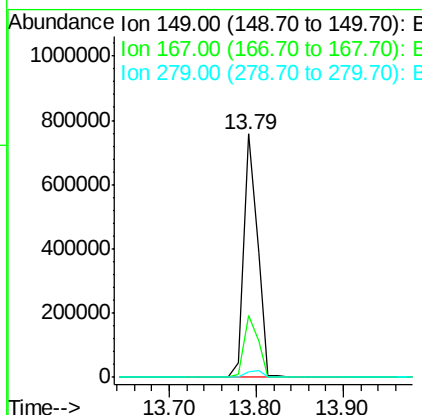
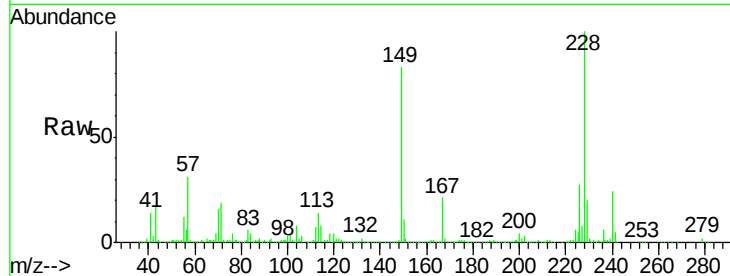
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.33 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	827605		
167	25.3	19.7	29.5	
279	2.1	1.8	2.6	

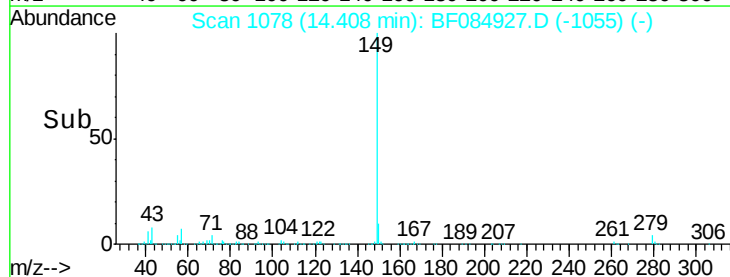
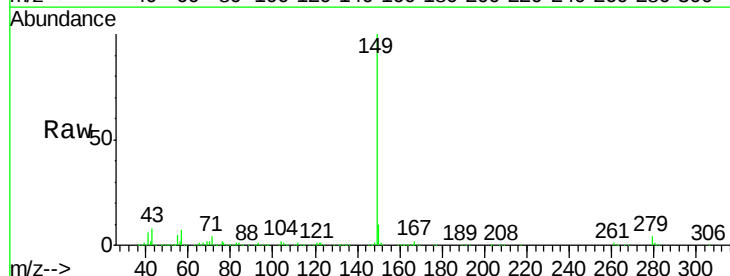
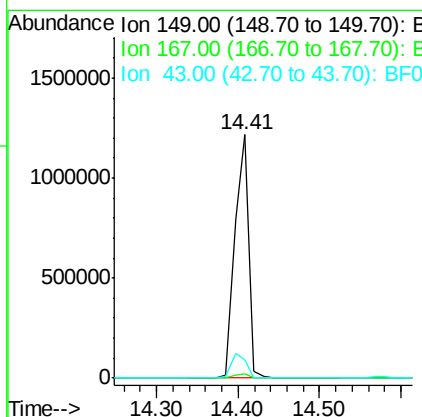
Manual Integrations
 APPROVED

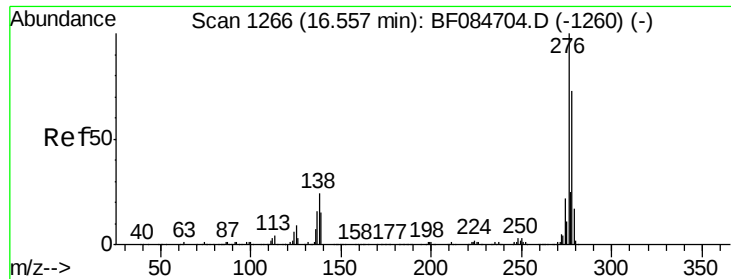
UMANGI
 2/9/2016 12:55:52 PM



#84
 Di-n-octyl phthalate
 Concen: 39.02 ng
 RT: 14.41 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1427260		
167	1.7	1.2	1.8	
43	10.9	5.6	8.4#	





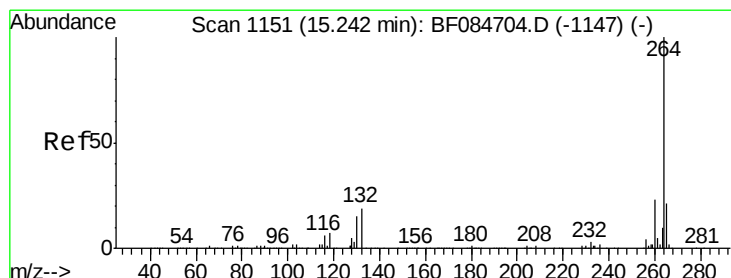
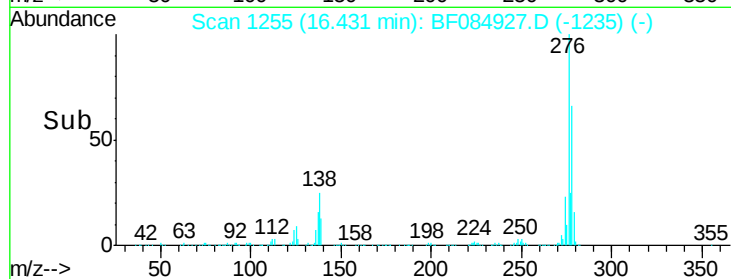
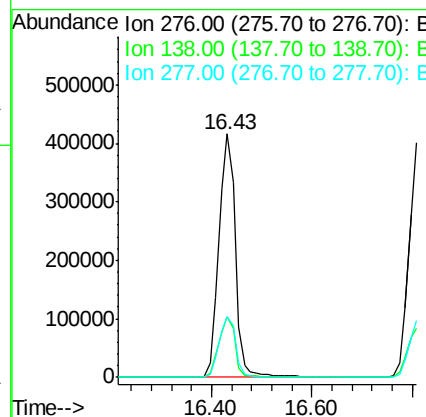
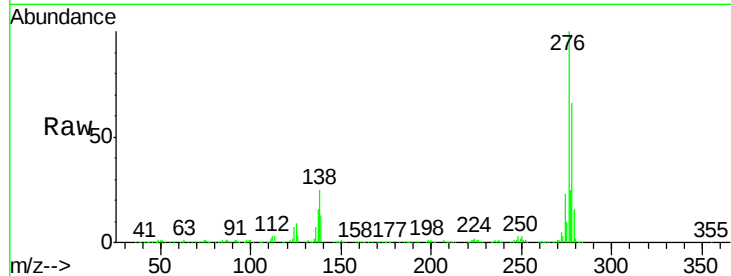
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.22 ng
 RT: 16.43 min Scan# 1255
 Delta R.T. -0.07 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.2	20.1	30.1

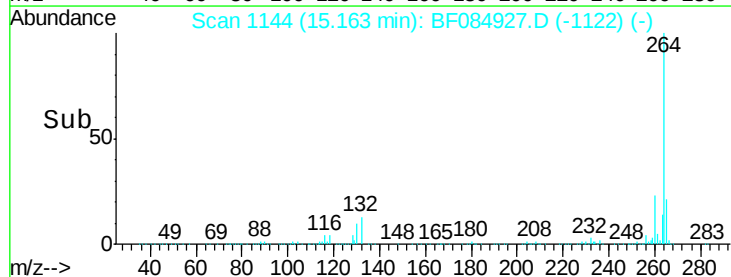
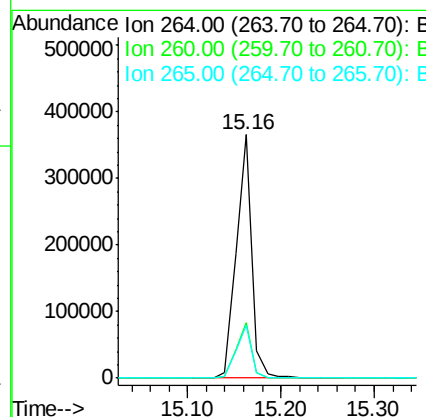
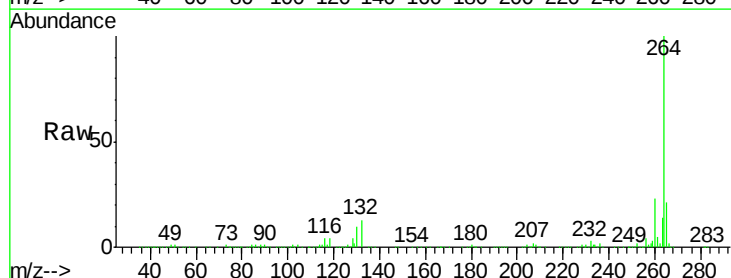
Manual Integrations
 APPROVED

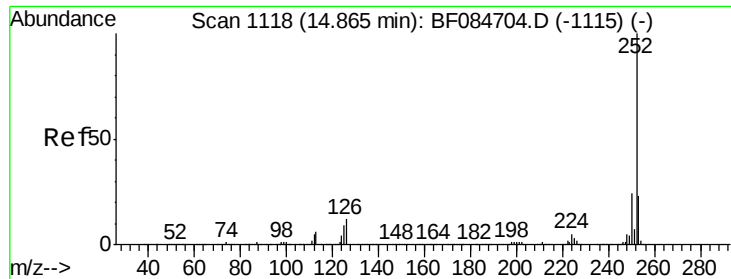
UMANGI
 2/9/2016 12:55:52 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1144
 Delta R.T. -0.05 min
 Lab File: BF084927.D
 Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 33.53 ng m

RT: 14.79 min Scan# 1111

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

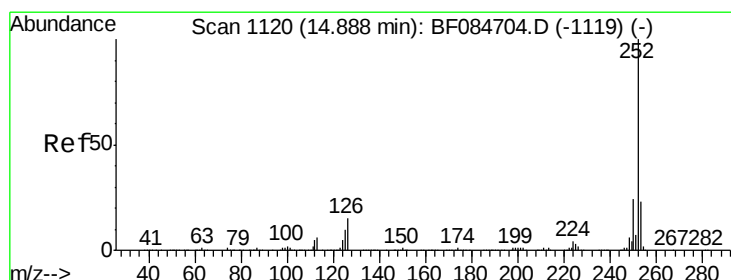
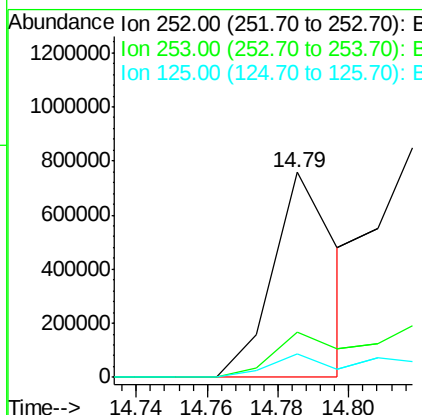
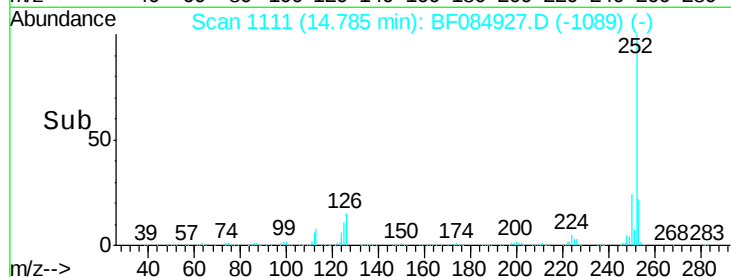
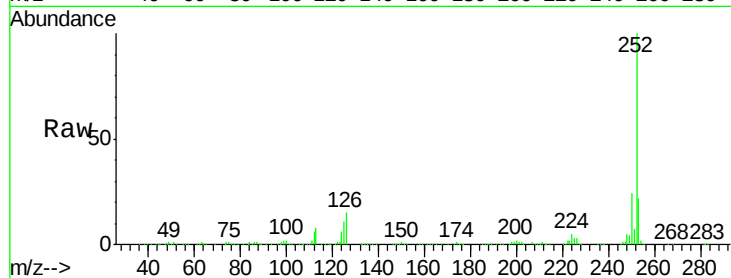
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	11.5	6.5	9.7#

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM



#88

Benzo(k)fluoranthene

Concen: 44.58 ng m

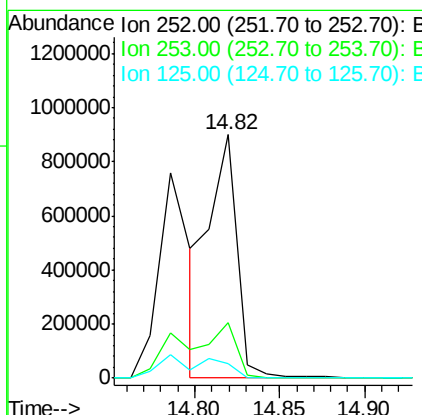
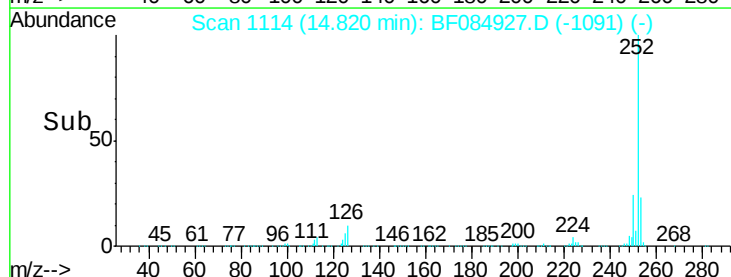
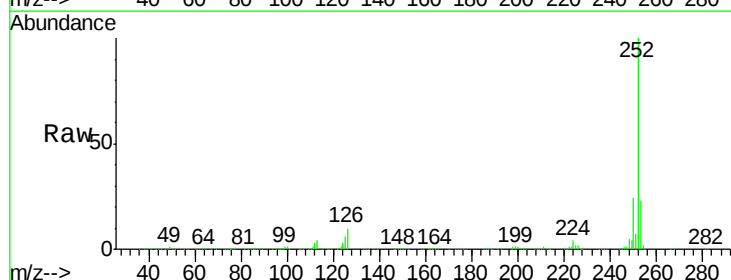
RT: 14.82 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.0	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 36.93 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.05 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

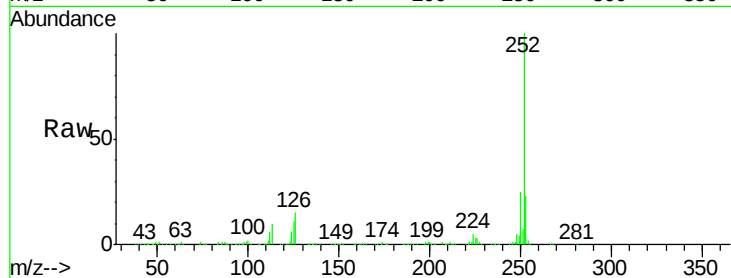
ClientSampleId :

SSTDCCC040

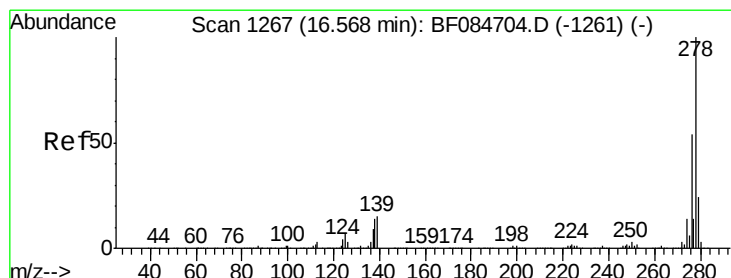
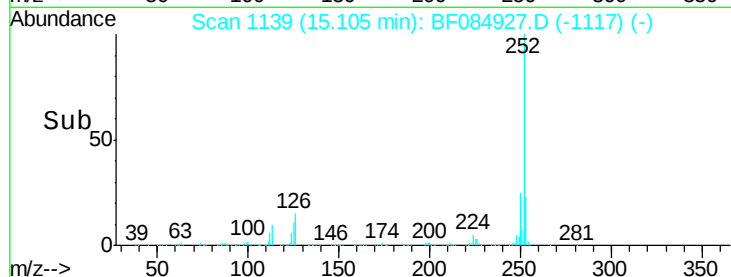
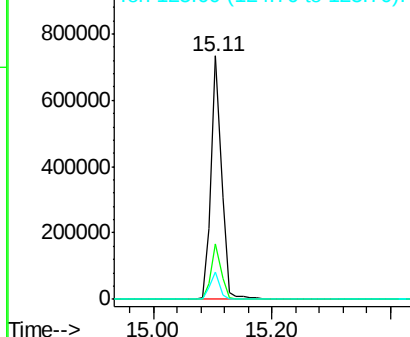
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	898325		
253	22.7	17.3	25.9	
125	11.4	7.0	10.4	

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 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: 38.14 ng

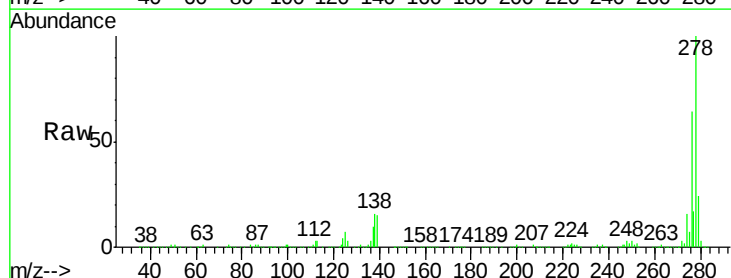
RT: 16.44 min Scan# 1256

Delta R.T. -0.07 min

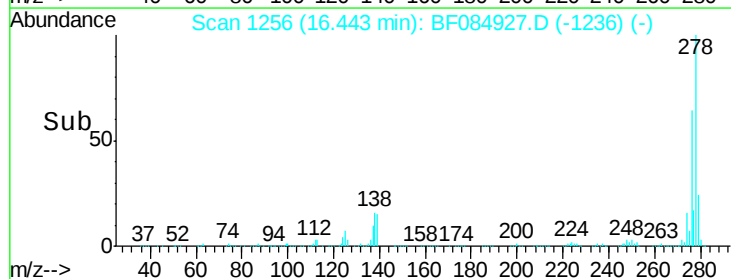
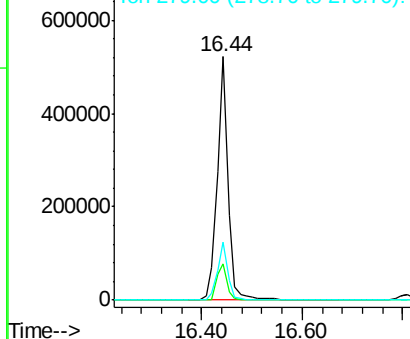
Lab File: BF084927.D

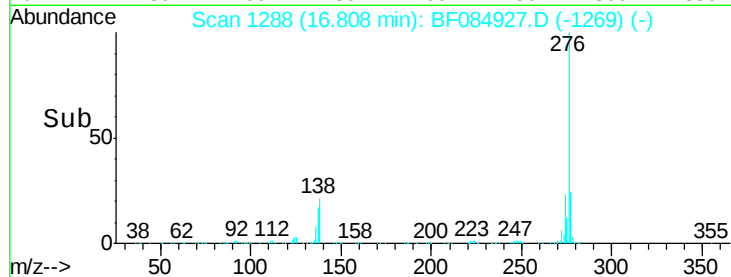
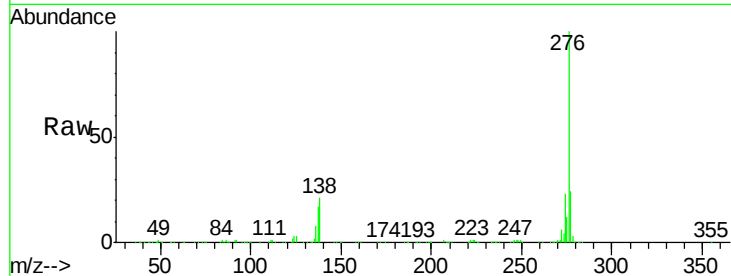
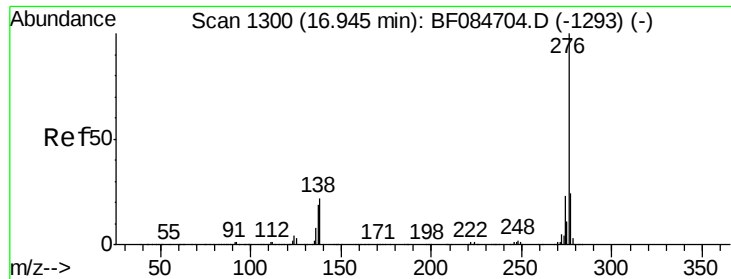
Acq: 8 Feb 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	781034		
139	14.8	15.0	22.4	
279	24.0	18.9	28.3	



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(g,h,i)perylene

Concen: 39.34 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.08 min

Lab File: BF084927.D

Acq: 8 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	276	Resp:	811480
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.8	28.2
138	20.9	17.8	26.6

Manual Integrations
APPROVED

UMANGI
2/9/2016 12:55:52 PM

