

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087921.D
 Acq On : 12 Jun 2016 00:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:35 PM

Quant Time: Jun 12 05:56:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105590	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	430089	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	252866	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	444940	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	348338	20.00	ng	-0.02
86) Perylene-d12	15.37	264	278234	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	507971	82.24	ng	-0.05
7) Phenol-d6	6.43	99	714880	95.50	ng	-0.05
23) Nitrobenzene-d5	7.37	82	563093	76.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	184805	69.22	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1192402	73.32	ng	-0.03
78) Terphenyl-d14	12.91	244	966284	63.12	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	126748	42.23	ng	# 40
3) Pyridine	3.04	79	384372	54.24	ng	97
4) n-Nitrosodimethylamine	2.99	42	139256	46.40	ng	89
6) Aniline	6.47	93	494390	46.40	ng	97
8) 2-Chlorophenol	6.58	128	281107	38.45	ng	98
9) Benzaldehyde	6.34	77	194786	45.98	ng	91
10) Phenol	6.46	94	418042	54.62	ng	# 69
11) bis(2-Chloroethyl)ether	6.55	93	271500	41.36	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	302448	38.56	ng	98
13) 1,4-Dichlorobenzene	6.82	146	315232	39.89	ng	98
14) 1,2-Dichlorobenzene	6.97	146	263144m	36.62	ng	
15) Benzyl Alcohol	6.95	79	209513	35.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	352493	39.75	ng	89
17) 2-Methylphenol	7.06	107	240500	40.57	ng	98
18) Hexachloroethane	7.31	117	108443	38.68	ng	# 83
19) n-Nitroso-di-n-propylamine	7.23	70	206386	43.10	ng	# 84
20) 3+4-Methylphenols	7.22	107	256762	37.12	ng	# 80
22) Acetophenone	7.22	105	365533	38.03	ng	# 90
24) Nitrobenzene	7.39	77	322449	45.20	ng	95
25) Isophorone	7.63	82	543228	39.82	ng	100
26) 2-Nitrophenol	7.71	139	163851	42.87	ng	# 70
27) 2,4-Dimethylphenol	7.75	122	269583	38.31	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	361081	42.67	ng	98
29) 2,4-Dichlorophenol	7.95	162	248175	42.24	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	242097	37.84	ng	99
31) Naphthalene	8.11	128	797908	37.49	ng	100
32) Benzoic acid	7.88	122	169150	43.65	ng	91
33) 4-Chloroaniline	8.17	127	399361	42.02	ng	# 91
34) Hexachlorobutadiene	8.24	225	134953	40.00	ng	99
35) Caprolactam	8.55	113	75844	38.97	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	249967	39.78	ng	100
37) 2-Methylnaphthalene	8.81	142	608547	43.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	228722	31.46	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	124365	30.49	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087921.D
 Acq On : 12 Jun 2016 00:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:35 PM

Quant Time: Jun 12 05:56:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	192443	38.06	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	192643	36.62	nq	# 94
45) 1,1'-Biphenyl	9.27	154	721703	36.91	nq	99
46) 2-Chloronaphthalene	9.29	162	590927	36.11	nq	100
47) 2-Nitroaniline	9.39	65	201747	41.80	nq	# 76
48) Acenaphthylene	9.71	152	992374	38.13	nq	100
49) Dimethylphthalate	9.58	163	635040	34.67	nq	99
50) 2,6-Dinitrotoluene	9.63	165	146645	34.96	nq	# 60
51) Acenaphthene	9.88	154	625507	38.52	nq	99
52) 3-Nitroaniline	9.80	138	190491	39.35	nq	91
53) 2,4-Dinitrophenol	9.91	184	87078	43.57	nq	# 85
54) Dibenzofuran	10.06	168	899386	40.22	nq	97
55) 4-Nitrophenol	9.96	139	153325	40.81	nq	# 84
56) 2,4-Dinitrotoluene	10.03	165	197759	36.68	nq	# 63
57) Fluorene	10.40	166	617494	40.37	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	160723	38.87	nq	# 52
59) Diethylphthalate	10.27	149	652443	35.19	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	250159	33.64	nq	99
61) 4-Nitroaniline	10.41	138	191823	41.78	nq	97
62) Azobenzene	10.55	77	692454	37.77	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	114489	41.52	nq	80
65) n-Nitrosodiphenylamine	10.51	169	603152	40.85	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	189748	39.75	nq	98
67) Hexachlorobenzene	10.94	284	182244	36.74	nq	95
68) Atrazine	11.04	200	183407	41.02	nq	94
69) Pentachlorophenol	11.13	266	111107	42.50	nq	97
70) Phenanthrene	11.35	178	884253	37.87	nq	100
71) Anthracene	11.41	178	913279	38.78	nq	100
72) Carbazole	11.55	167	891828	40.47	nq	100
73) Di-n-butylphthalate	11.90	149	986488	35.36	nq	100
74) Fluoranthene	12.54	202	900395	36.54	nq	100
76) Benzidine	12.66	184	461283	47.83	nq	99
77) Pyrene	12.77	202	926883	35.86	nq	100
79) Butylbenzylphthalate	13.39	149	470938	41.21	nq	97
80) Benzo(a)anthracene	13.95	228	697394	35.13	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	235777	44.17	nq	# 97
82) Chrysene	13.99	228	673864	36.08	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	502015	36.09	nq	# 98
84) Di-n-octyl phthalate	14.56	149	917729	40.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	638457	36.80	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	634027m	32.69	nq	
88) Benzo(k)fluoranthene	15.01	252	671148m	45.88	nq	
89) Benzo(a)pyrene	15.31	252	619233	39.47	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	524676	36.00	nq	98
91) Benzo(g,h,i)perylene	17.15	276	543656	36.27	nq	98

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

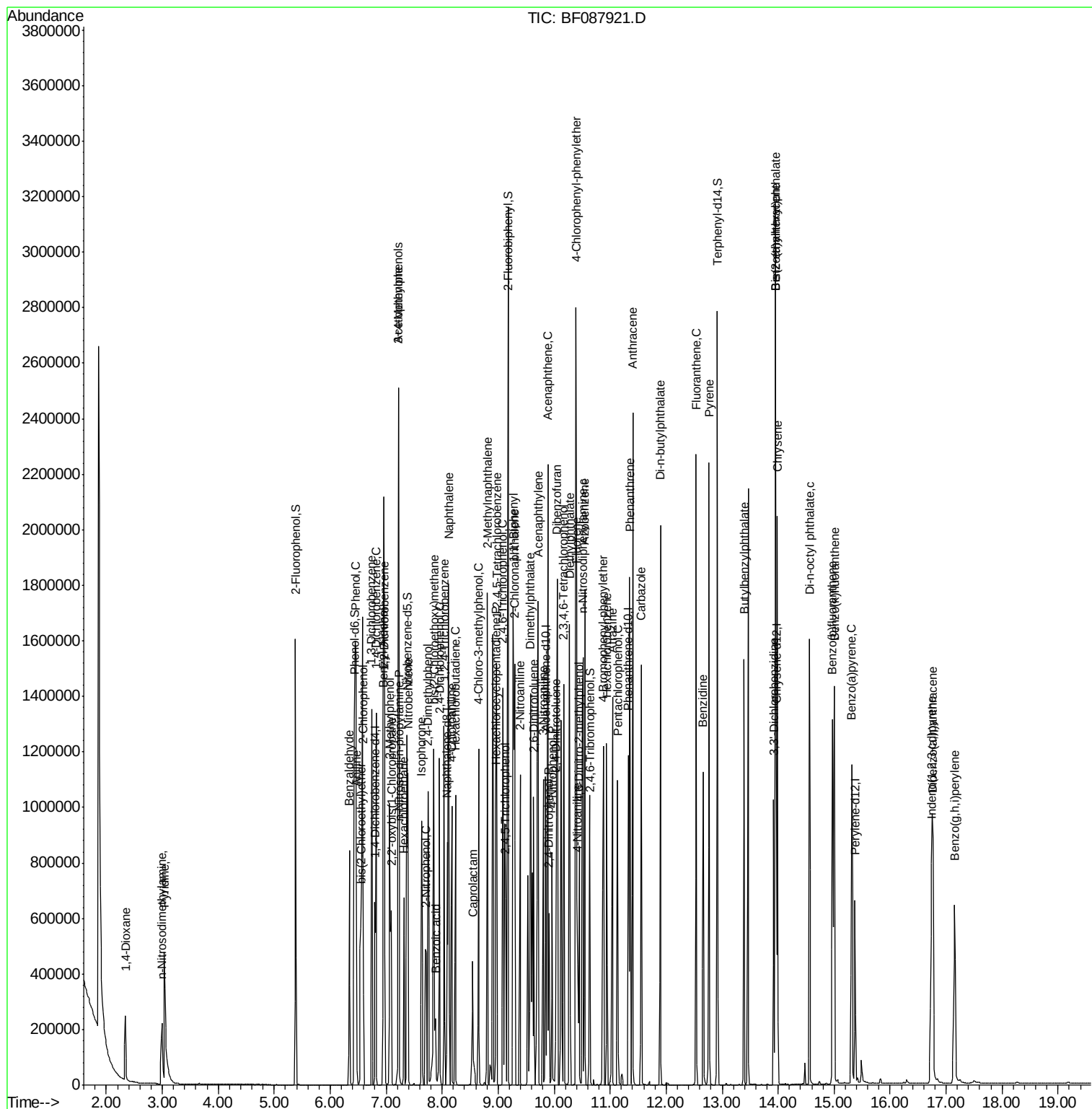
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\  
Data File : BF087921.D  
Acq On    : 12 Jun 2016  00:28  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

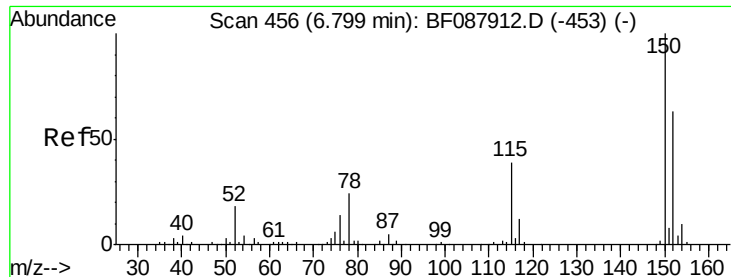
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

umangi
6/13/2016 7:44:35 PM

Quant Time: Jun 12 05:56:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration





#1

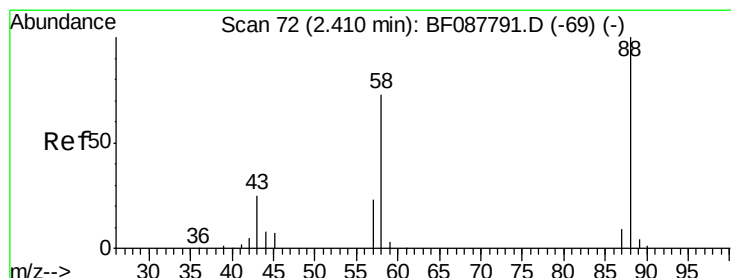
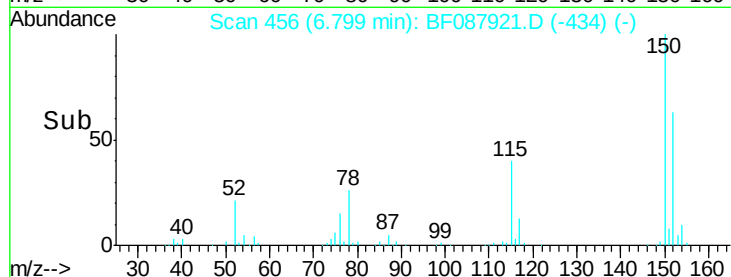
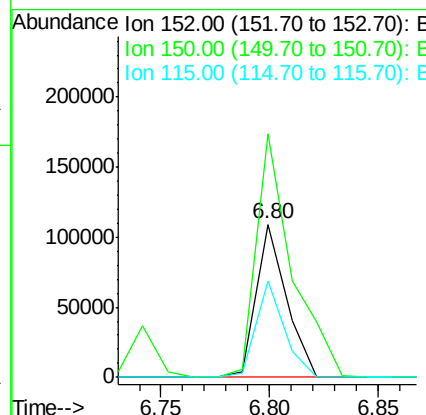
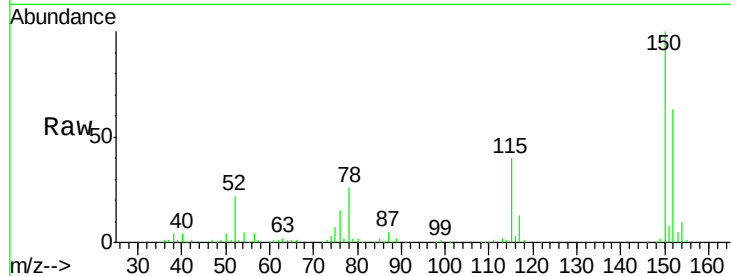
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	63.3	39.6	59.4

Manual Integrations
APPROVED

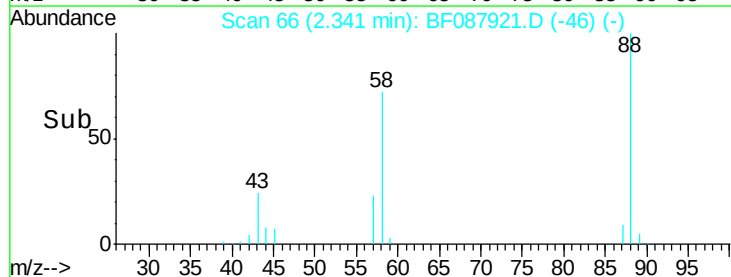
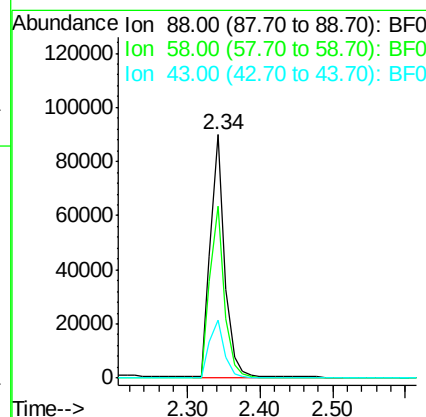
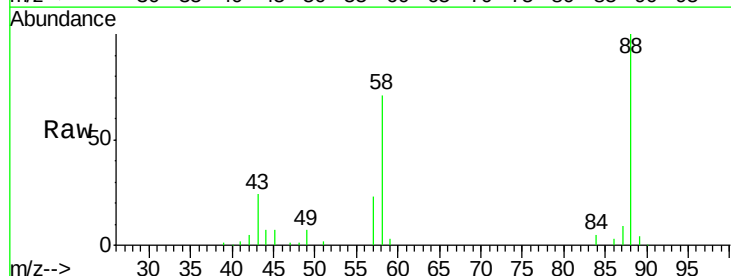
umangi
6/13/2016 7:44:35 PM

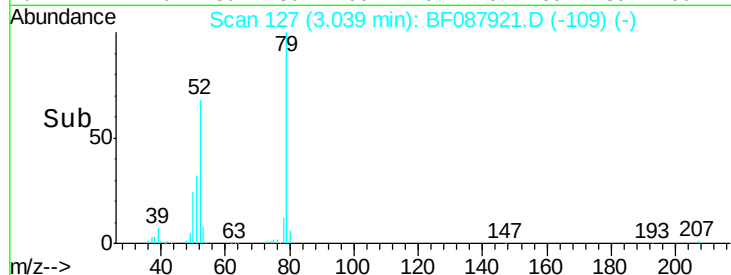
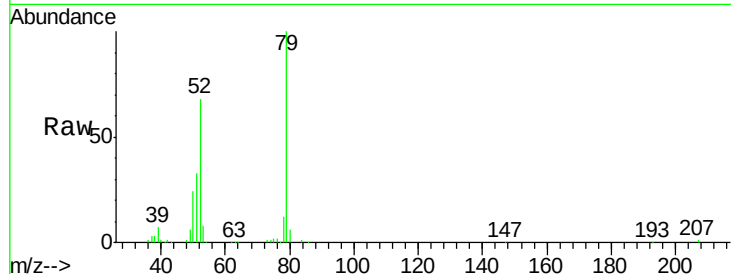
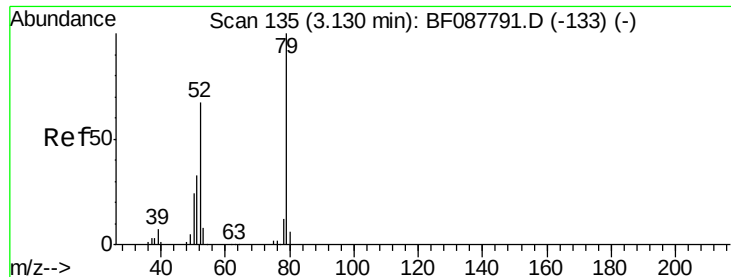


#2

1,4-Dioxane
Concen: 42.23 ng
RT: 2.34 min Scan# 66
Delta R.T. -0.07 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	0.0	0.0
43	24.2	3.4	5.2





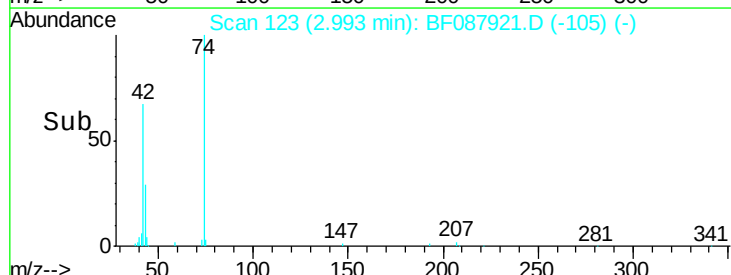
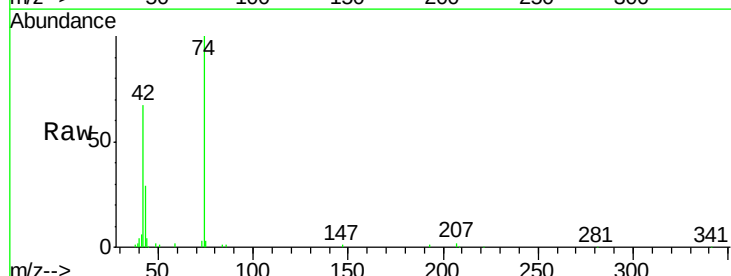
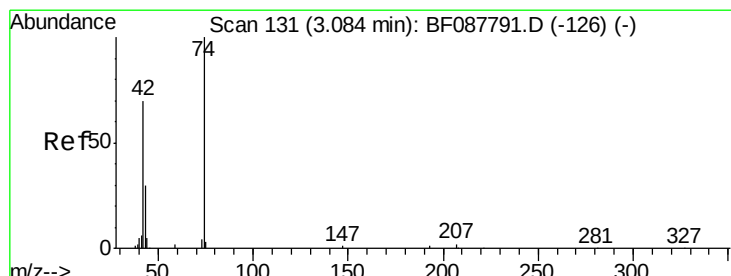
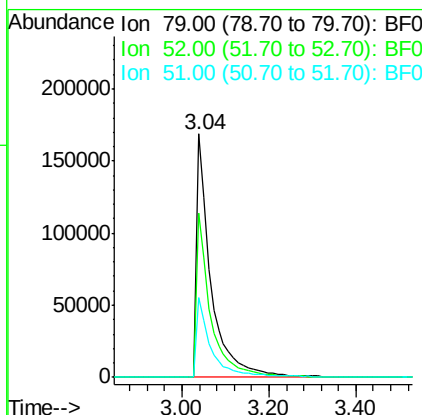
#3
Pvridine
Concen: 54.24 ng
RT: 3.04 min Scan# 127
Delta R.T. -0.09 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	384372		
52	52	67.7		56.3	84.5
51	51	32.7		27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

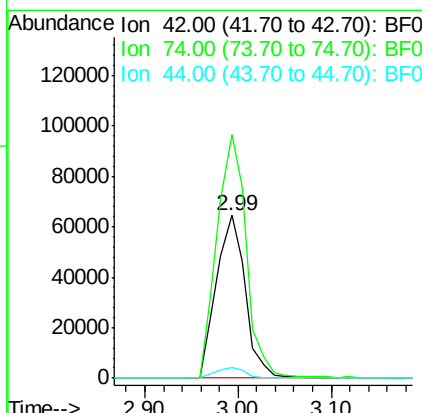
Manual Integrations
APPROVED

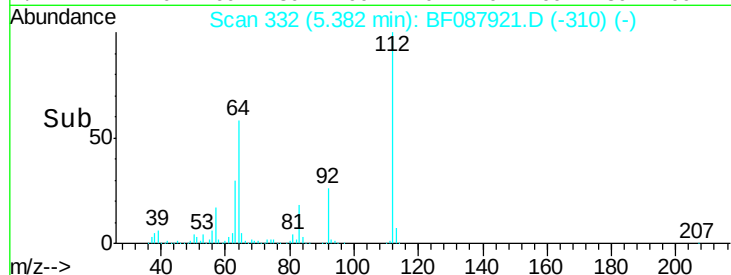
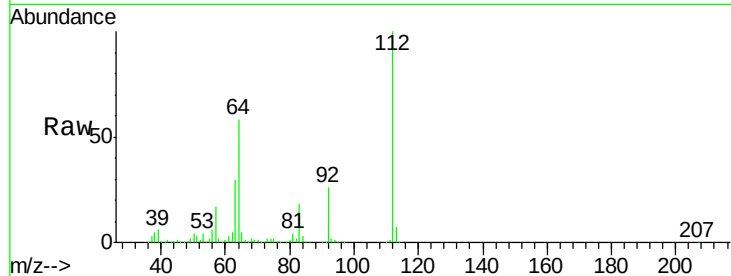
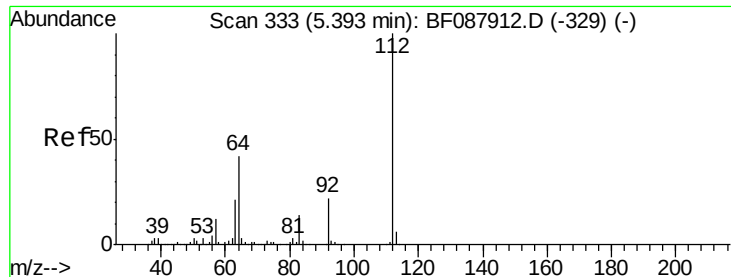
umangi
6/13/2016 7:44:35 PM



#4
n-Nitrosodimethylamine
Concen: 46.40 ng
RT: 2.99 min Scan# 123
Delta R.T. -0.09 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	139256		
74	74	149.4		108.6	163.0
44	44	6.5		5.5	8.3





#5

2-Fluorophenol

Concen: 82.24 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF087921.D

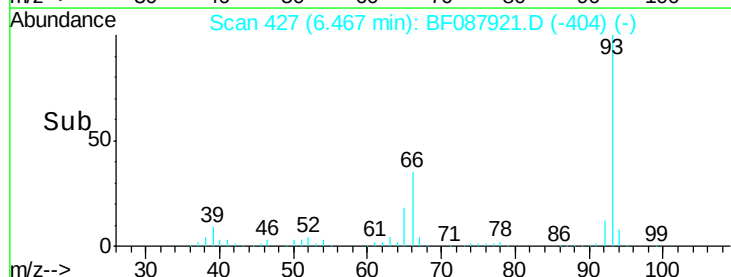
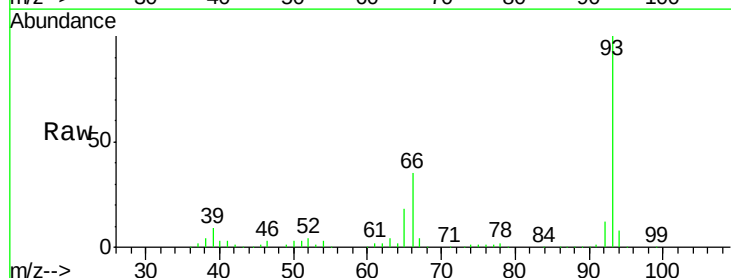
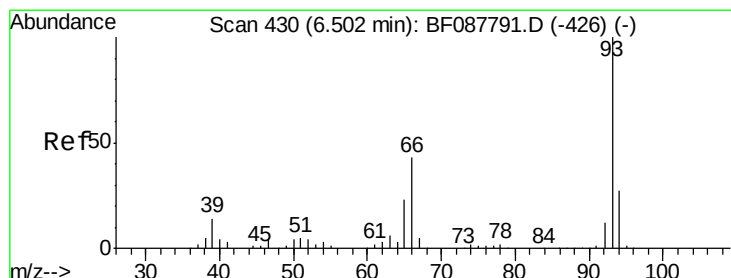
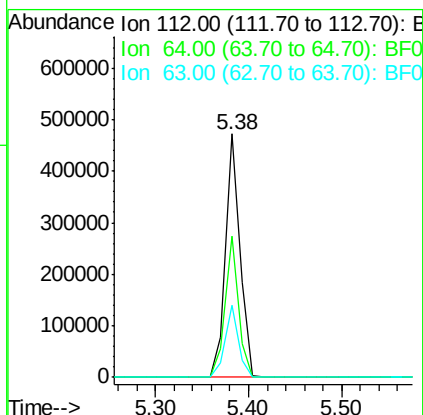
Acq: 12 Jun 2016 00:28

Tot Ion	Ratio	Resp	Lower	Upper
112	100	507971		
64	58.2		42.2	63.2
63	29.8		21.8	32.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#6

Aniline

Concen: 46.40 ng

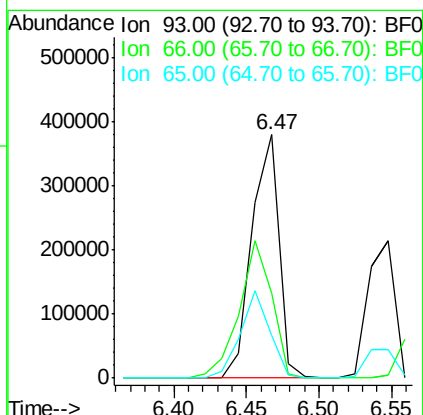
RT: 6.47 min Scan# 427

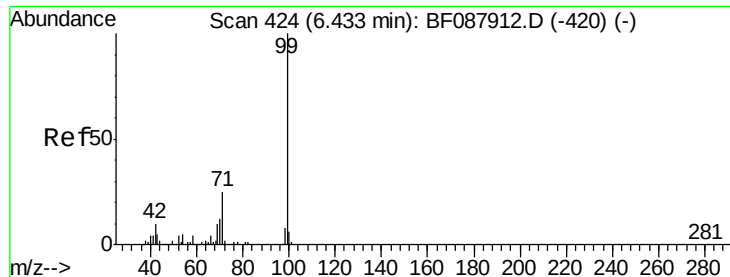
Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	494390		
66	35.0		29.8	44.8
65	17.7		14.9	22.3





#7

Phenol-d6

Concen: 95.50 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

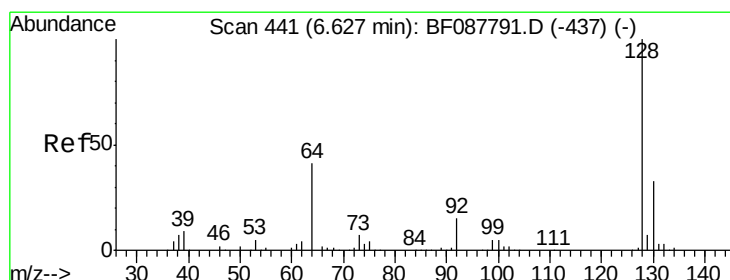
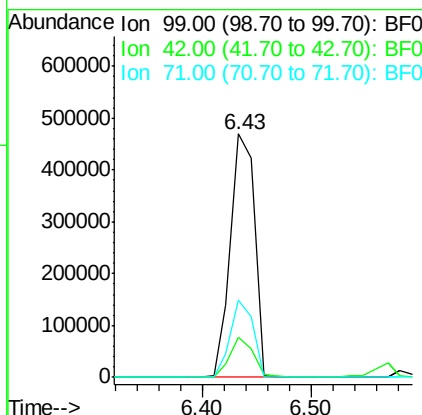
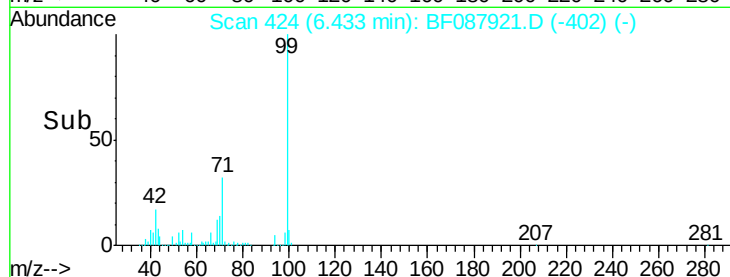
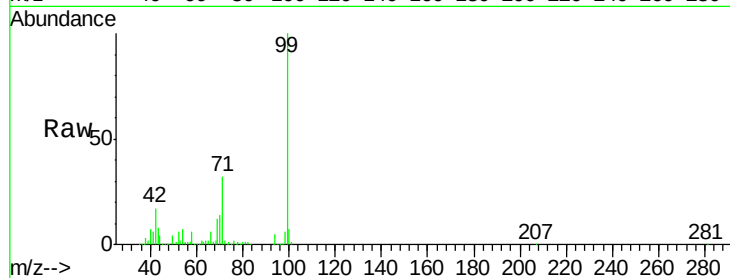
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	714880
Ion Ratio	Lower	Upper	
99	100		
42	16.5	12.2	18.2
71	31.9	23.4	35.0

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#8

2-Chlorophenol

Concen: 38.45 ng

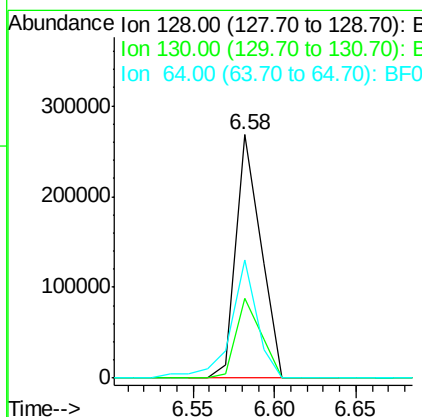
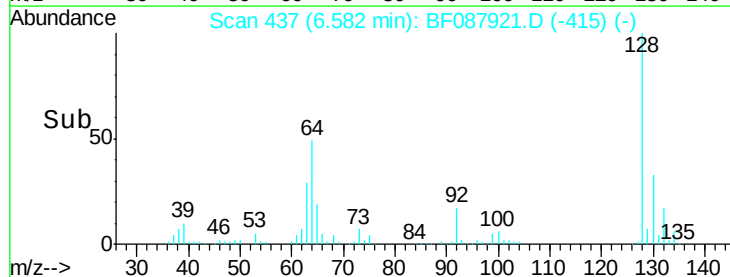
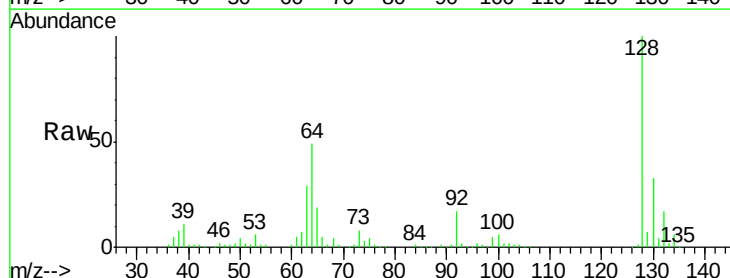
RT: 6.58 min Scan# 437

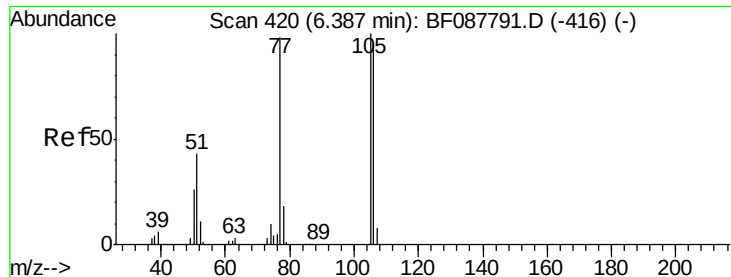
Delta R.T. -0.05 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	128	Resp:	281107
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	48.8	30.8	70.8





#9

Benzaldehyde

Concen: 45.98 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087921.D

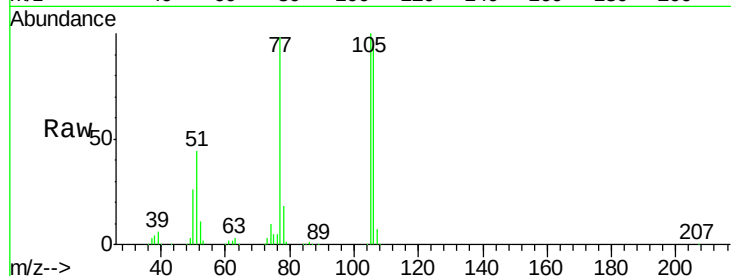
Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

ClientSampleId :

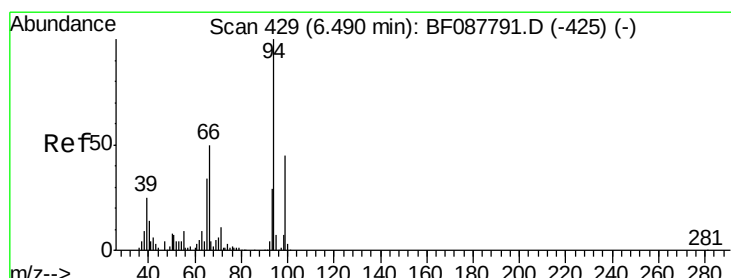
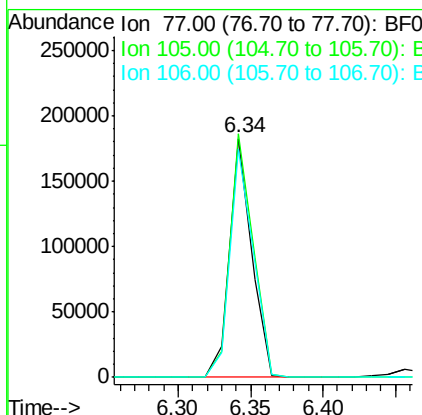
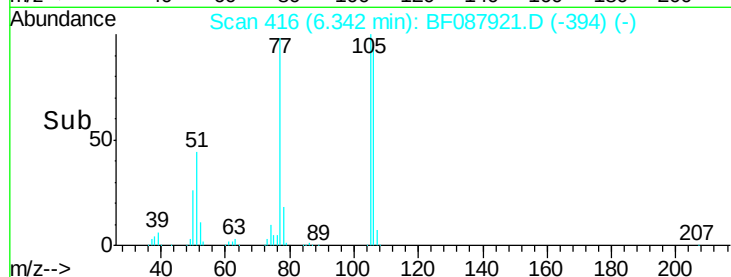
SSTDCCC040EC



Tot Ion:	77	Resp:	194786
Ion Ratio	Lower	Upper	
77	100		
105	101.9	90.6	130.6
106	95.8	85.3	125.3

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#10

Phenol

Concen: 54.62 ng

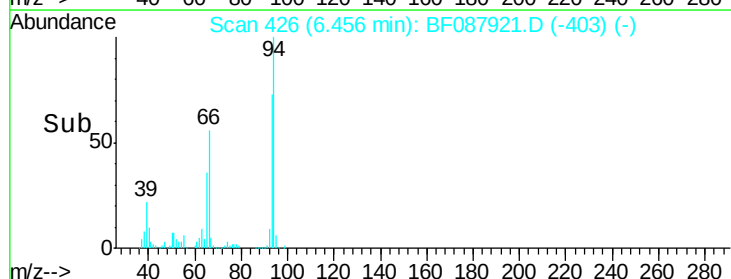
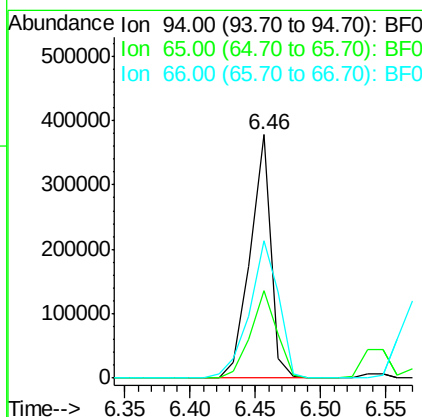
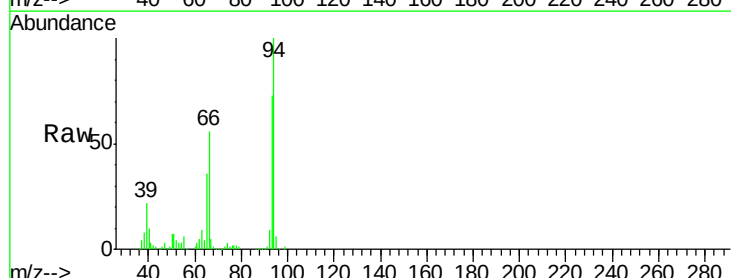
RT: 6.46 min Scan# 426

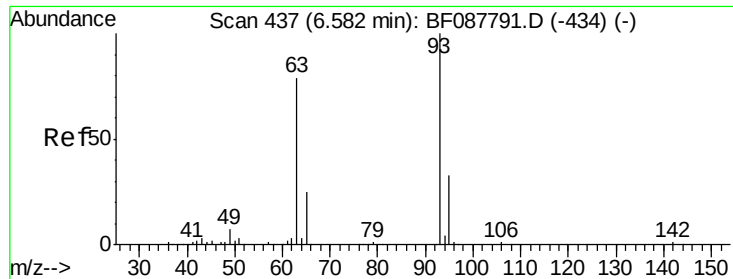
Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	94	Resp:	418042
Ion Ratio	Lower	Upper	
94	100		
65	36.0	5.9	45.9
66	56.5	14.0	54.0#





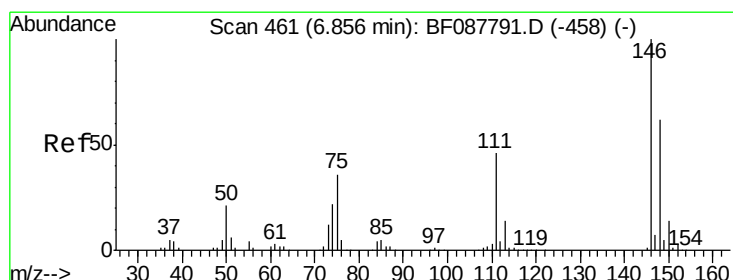
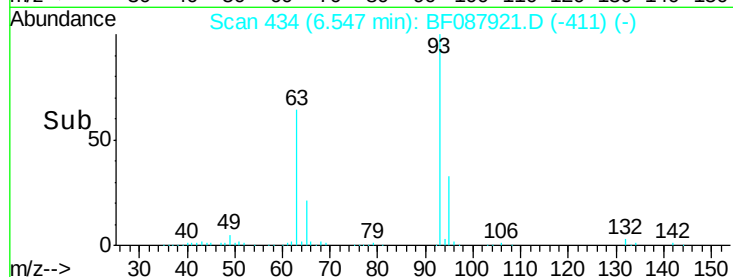
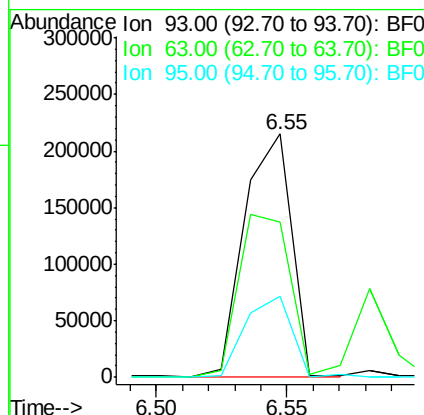
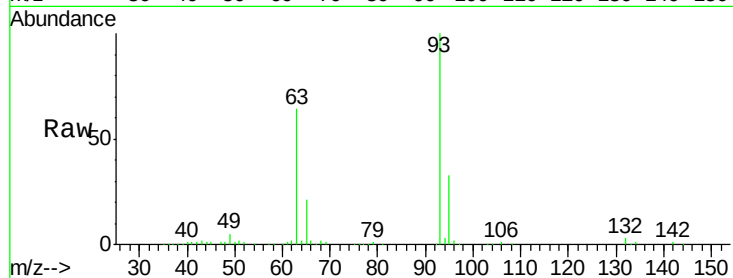
#11
bis(2-Chloroethyl)ether
Concen: 41.36 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.8	67.6	107.6#
95	33.1	12.5	52.5

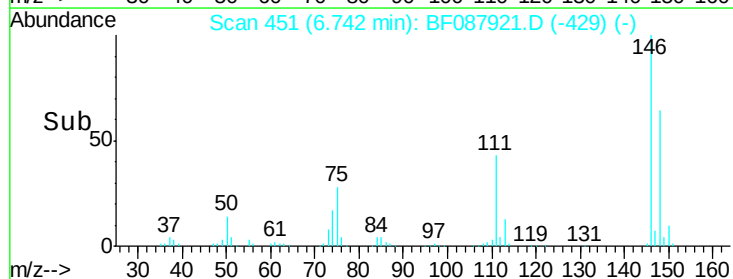
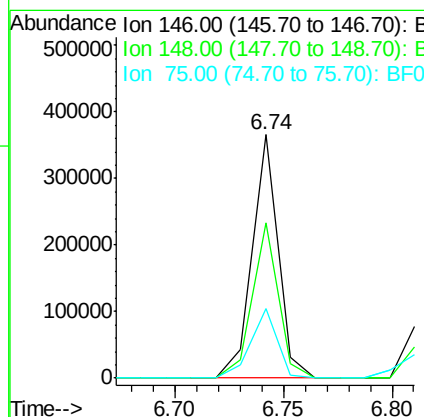
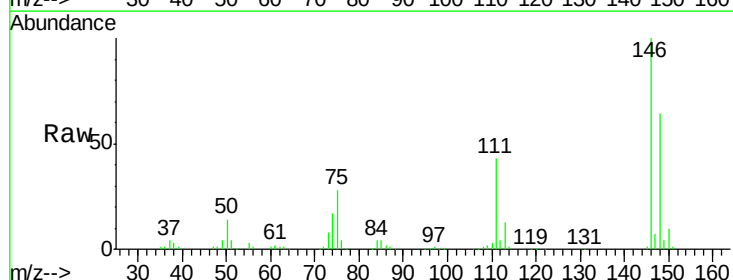
Manual Integrations
APPROVED

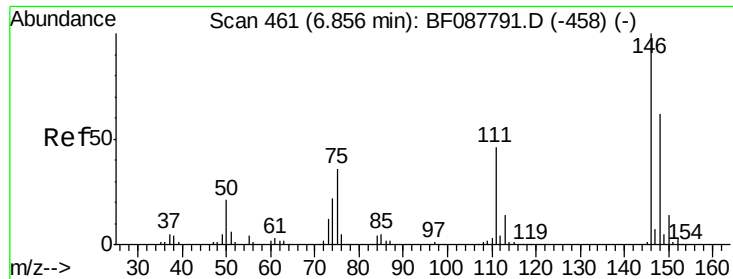
umangi
6/13/2016 7:44:35 PM



#12
1,3-Dichlorobenzene
Concen: 38.56 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	28.3	25.6	38.4





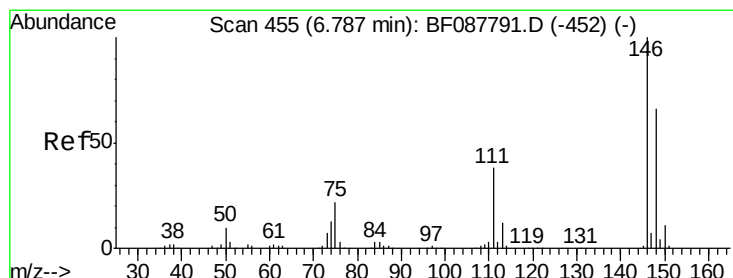
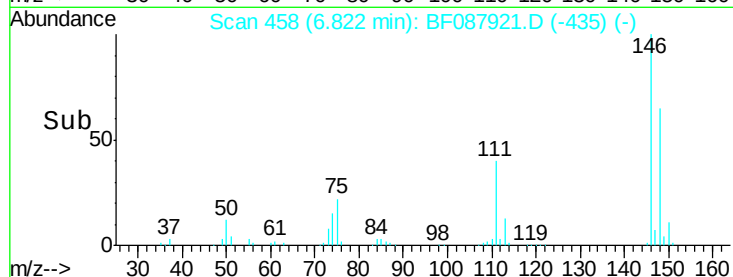
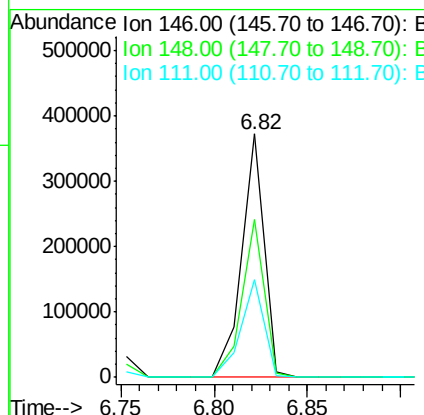
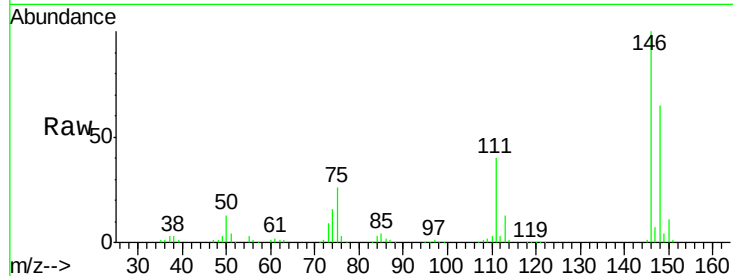
#13
 1,4-Dichlorobenzene
 Concen: 39.89 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	40.4	33.8	50.8

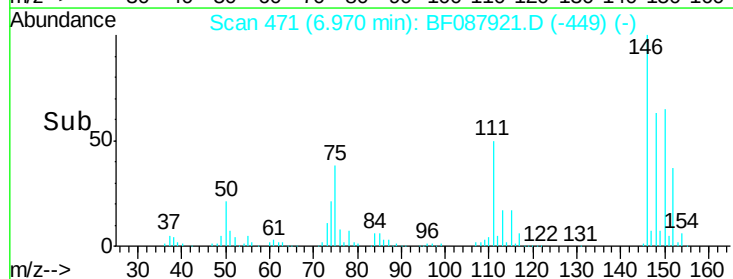
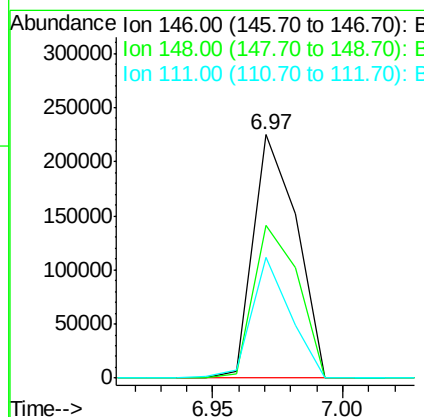
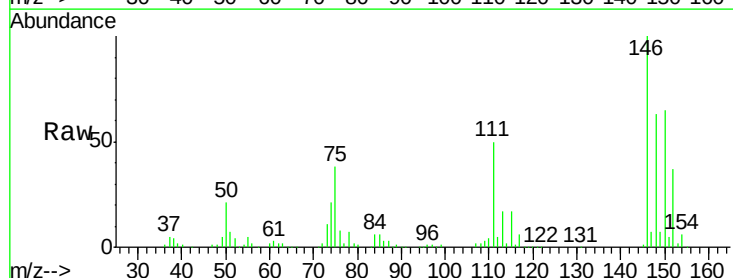
Manual Integrations
 APPROVED

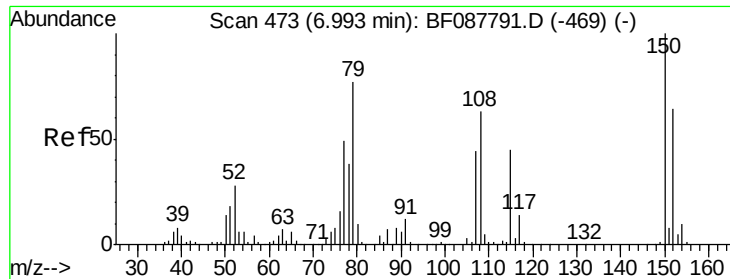
umangi
 6/13/2016 7:44:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.62 ng m
 RT: 6.97 min Scan# 471
 Delta R.T. -0.05 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.3	78.5
111	49.8	28.7	43.1#





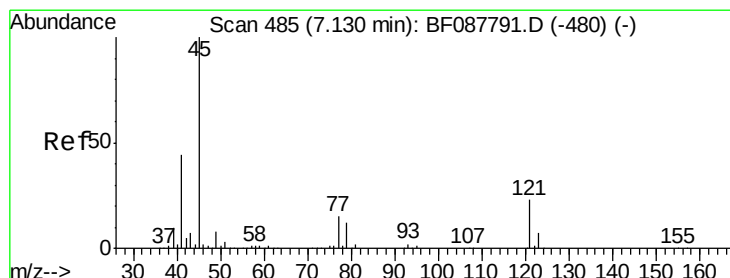
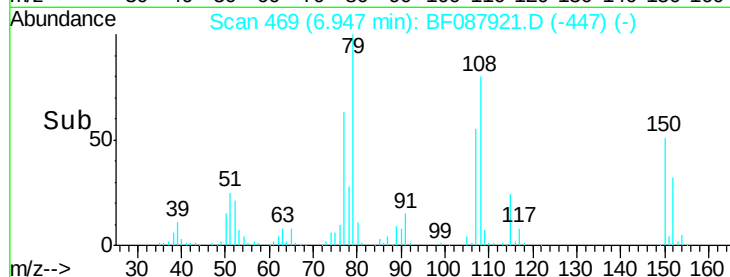
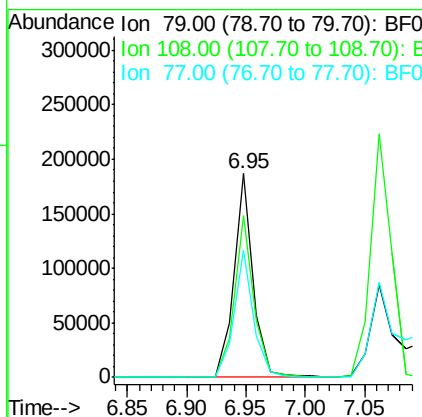
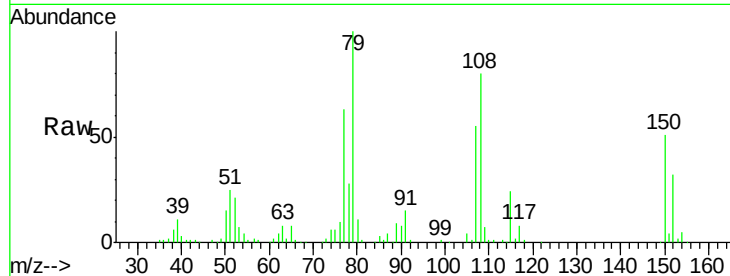
#15
Benzyl Alcohol
Concen: 35.78 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.0	97.6
77	62.7	50.3	75.5

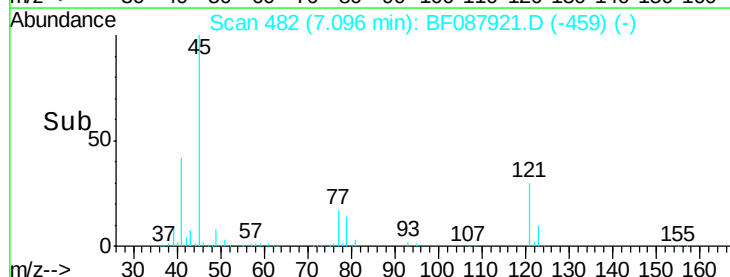
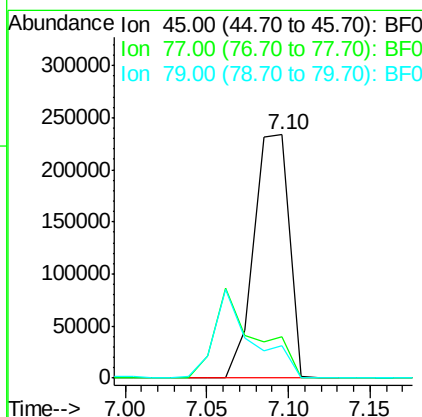
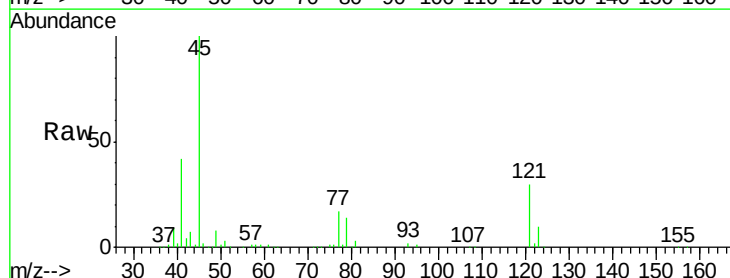
Manual Integrations
APPROVED

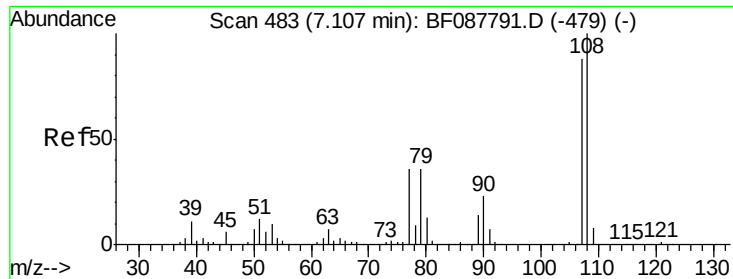
umangi
6/13/2016 7:44:35 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.75 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	32.5
79	13.6	0.0	29.5





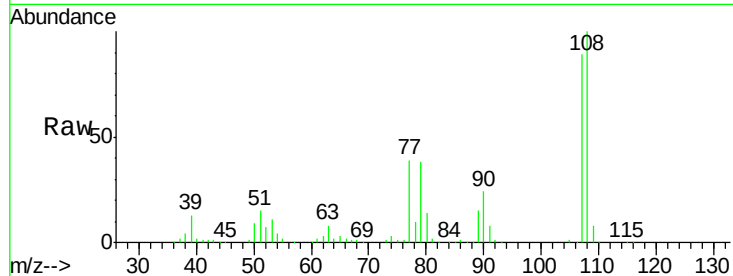
#17
2-Methylphenol
Concen: 40.57 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

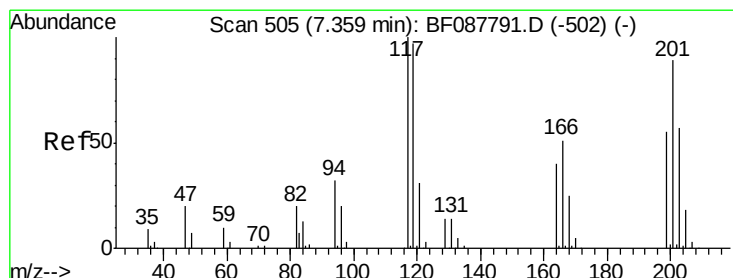
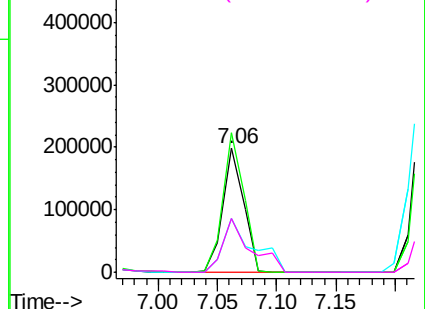
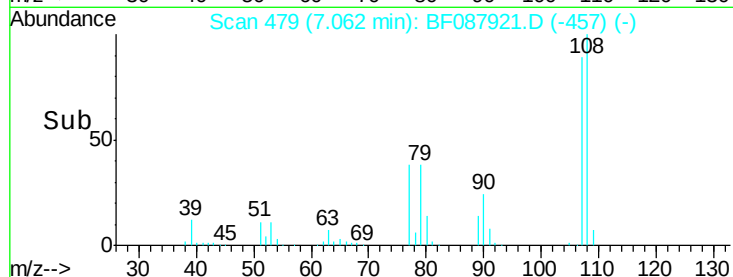
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	90.9	136.3	
77	43.6	36.6	55.0	
79	42.9	36.5	54.7	

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM

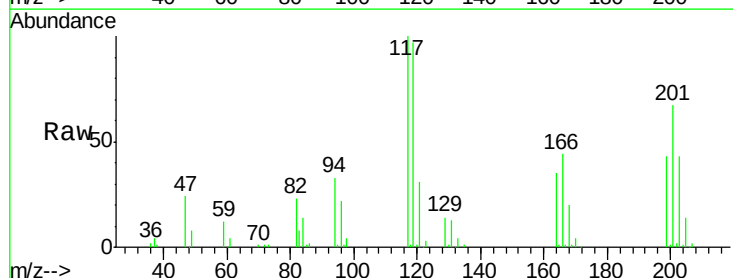


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

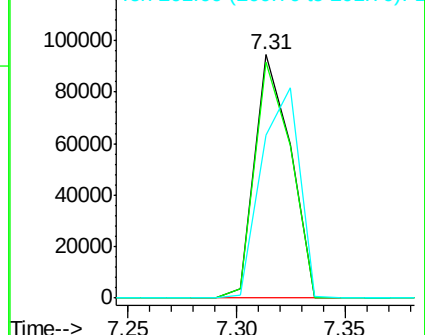
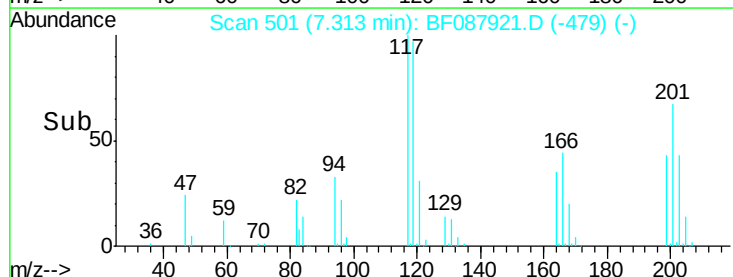


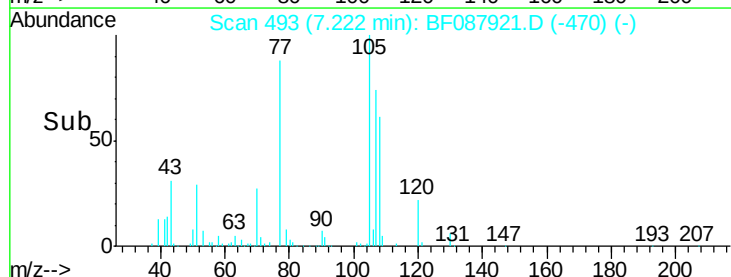
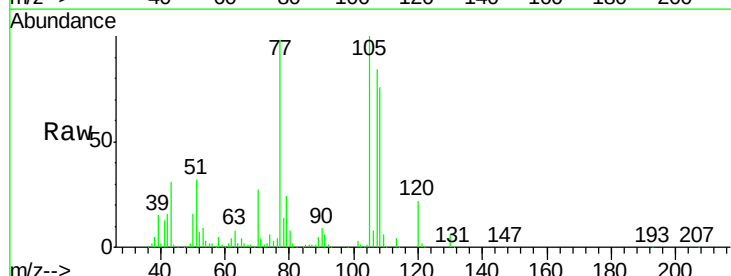
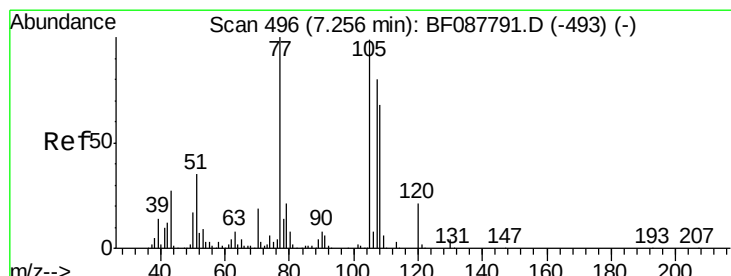
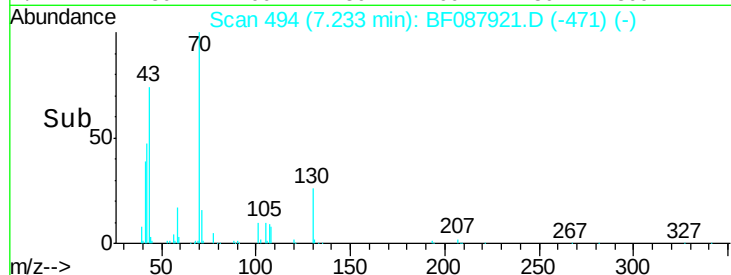
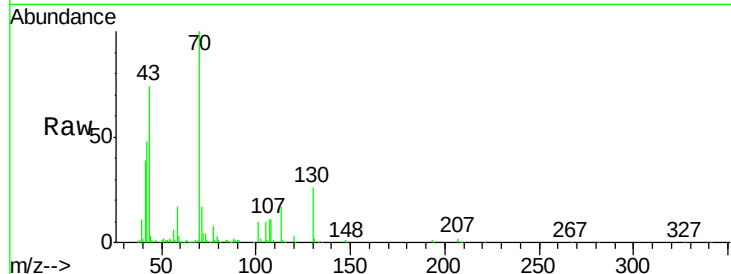
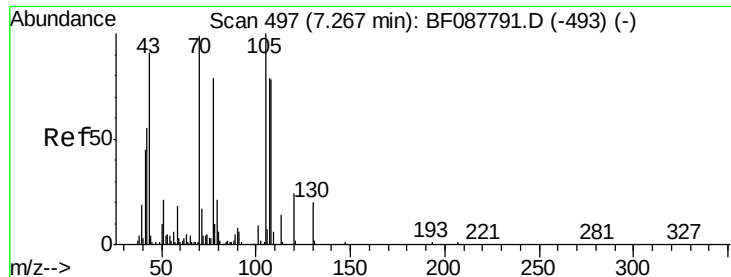
#18
Hexachloroethane
Concen: 38.68 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.4	116.2	
201	67.2	80.4	120.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





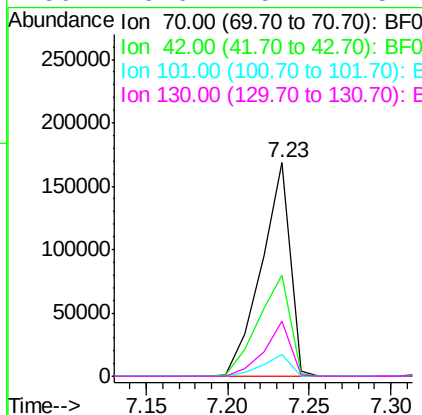
#19
n-Nitroso-di-n-propylamine
Concen: 43.10 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.6	74.4#
101	10.4	7.1	10.7
130	25.6	15.4	23.2#

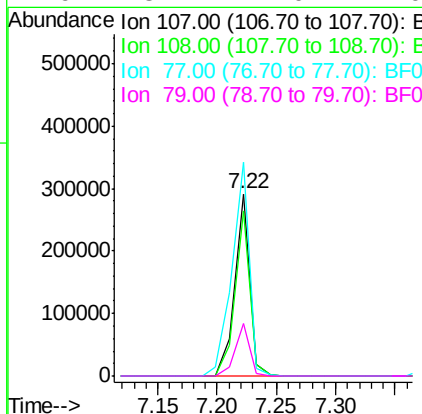
Manual Integrations
APPROVED

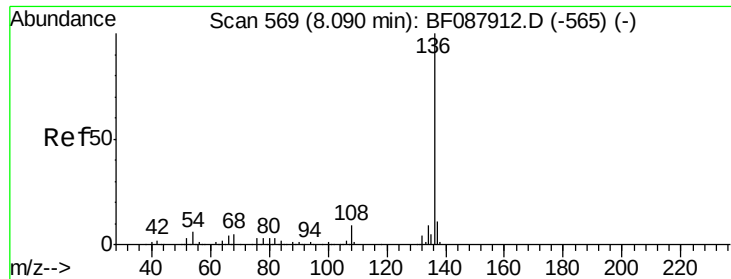
umangi
6/13/2016 7:44:35 PM



#20
3+4-Methylphenols
Concen: 37.12 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.8	107.8
77	117.3	59.3	99.3#
79	28.7	7.0	47.0





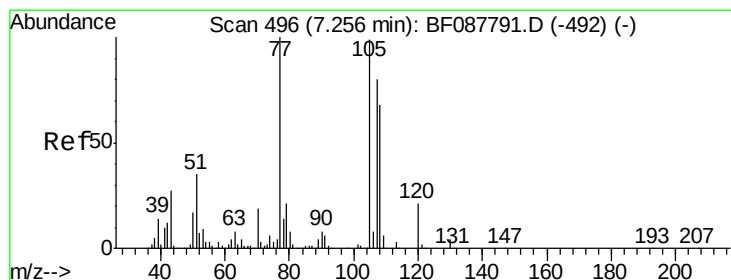
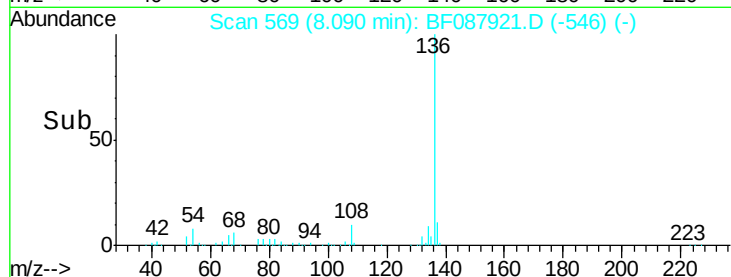
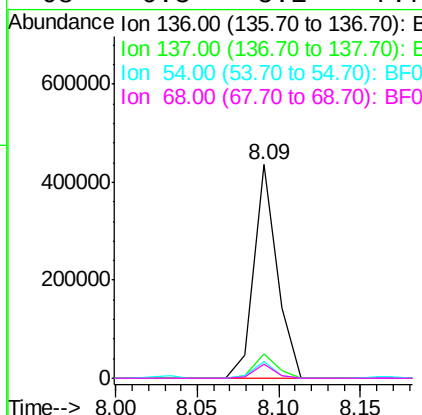
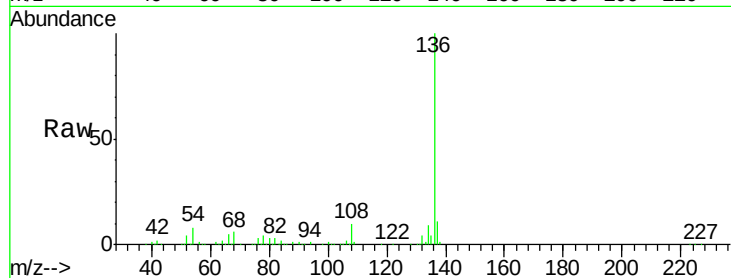
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	7.9	6.6	10.0	
68	6.3	5.1	7.7	

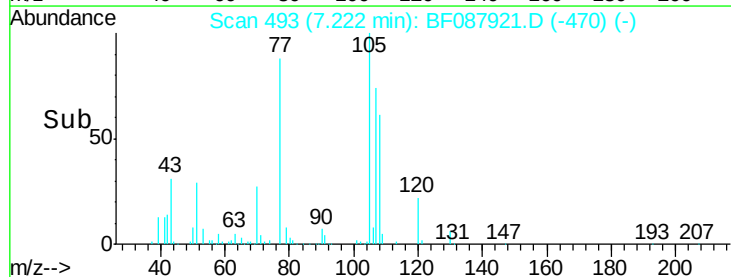
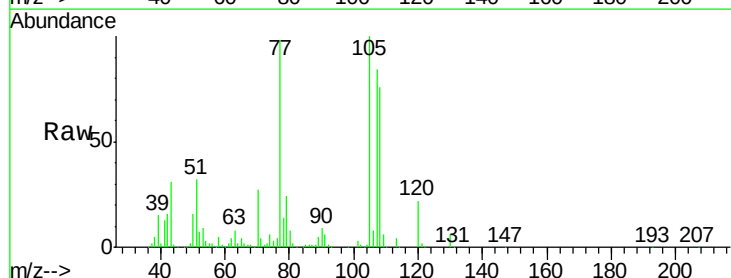
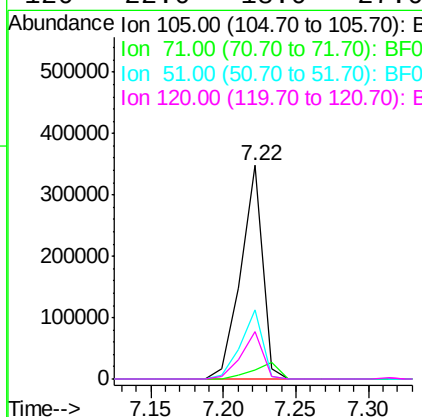
Manual Integrations
APPROVED

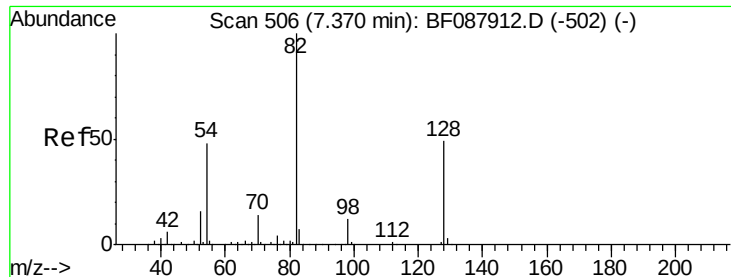
umangi
6/13/2016 7:44:35 PM



#22
Acetophenone
Concen: 38.03 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	5.3	7.9#	
51	32.1	18.2	27.4#	
120	22.0	18.0	27.0	





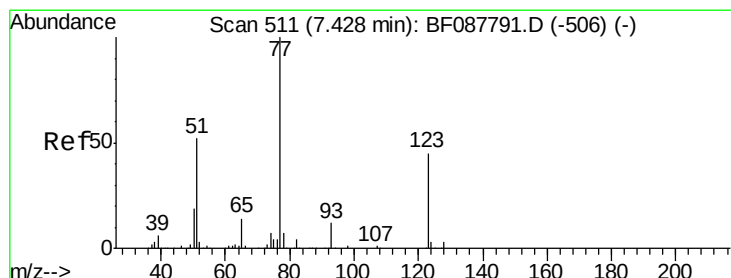
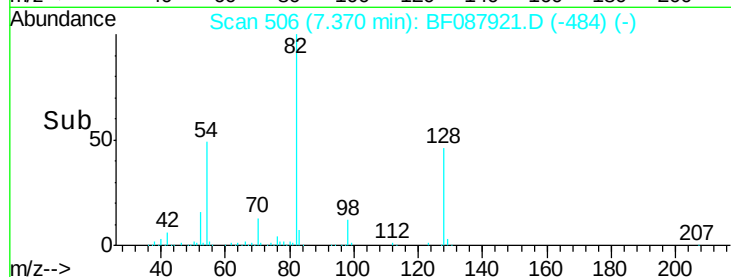
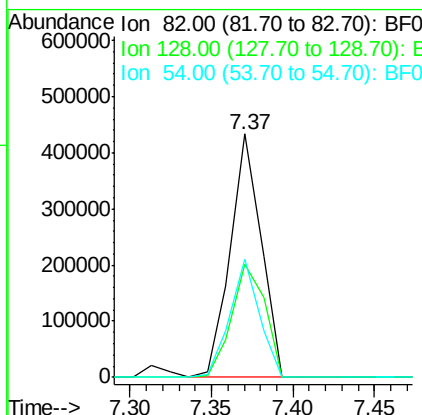
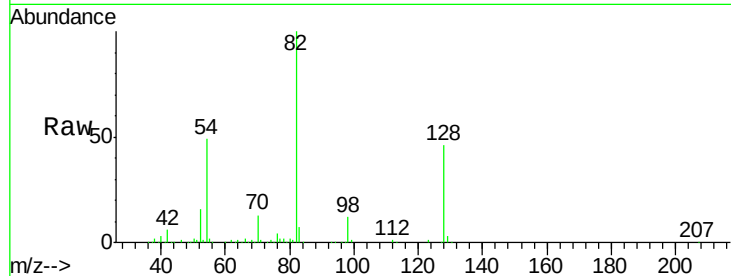
#23
 Nitrobenzene-d5
 Concen: 76.45 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	563093		
128	46.5	35.9	53.9	
54	48.6	40.9	61.3	

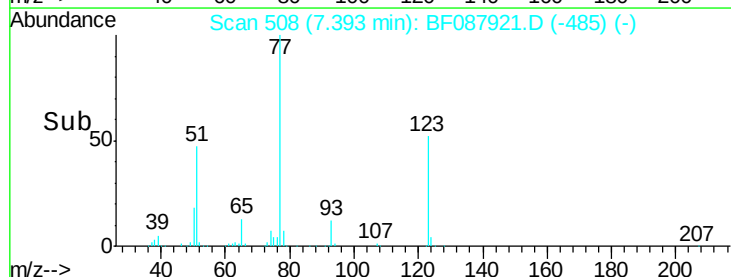
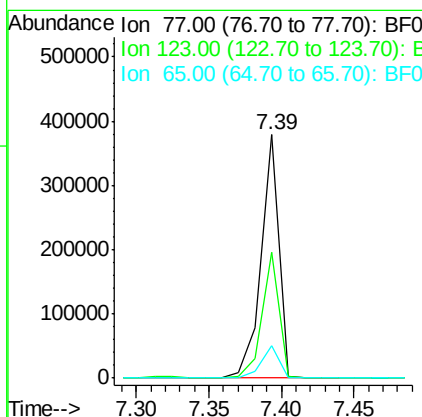
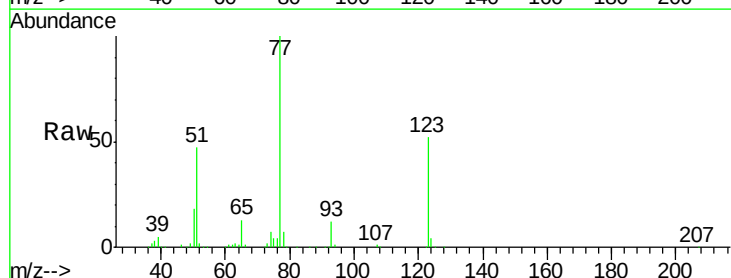
Manual Integrations
 APPROVED

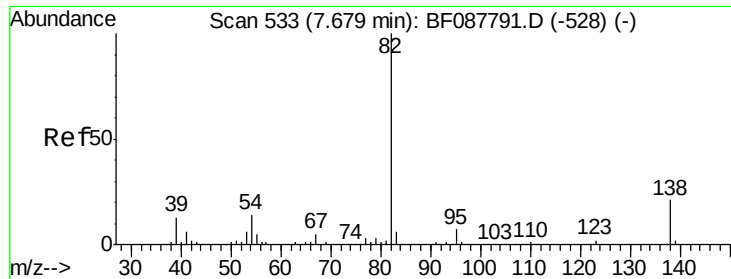
umangi
 6/13/2016 7:44:35 PM



#24
 Nitrobenzene
 Concen: 45.20 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322449		
123	51.9	45.0	67.4	
65	13.1	10.2	15.2	





#25

Isophorone

Concen: 39.82 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

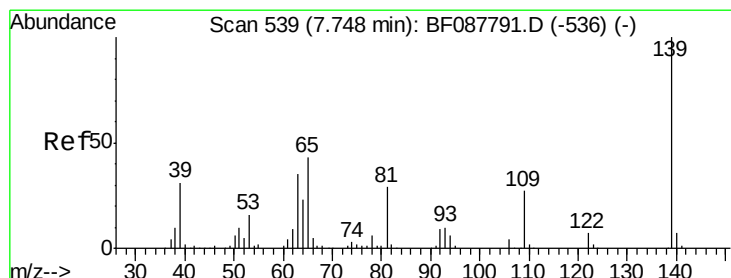
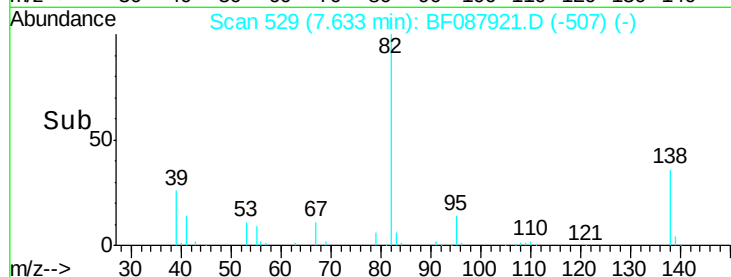
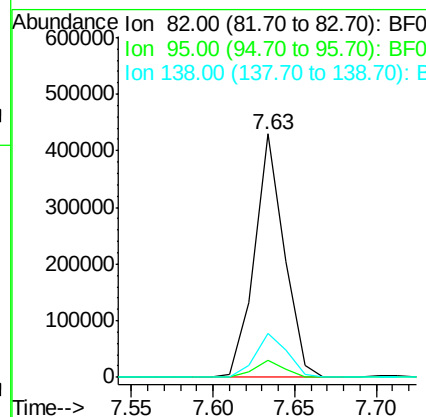
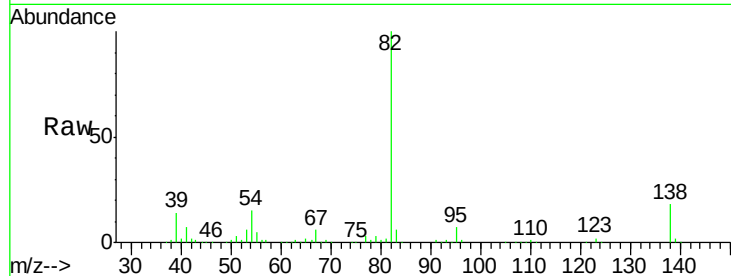
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	543228
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.0	14.6	21.8

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#26

2-Nitrophenol

Concen: 42.87 ng

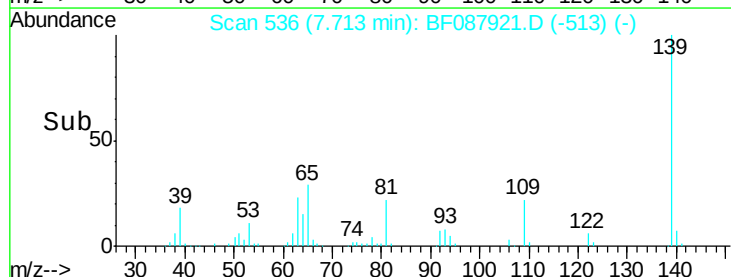
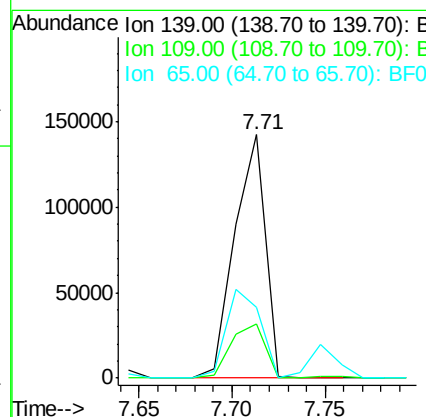
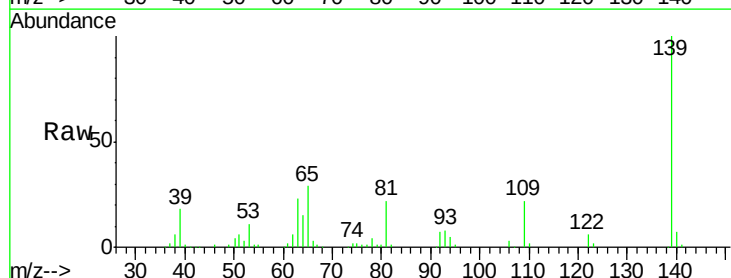
RT: 7.71 min Scan# 536

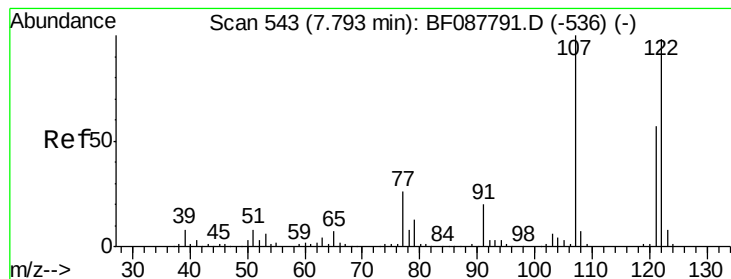
Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	139	Resp:	163851
Ion Ratio	Lower	Upper	
139	100		
109	22.0	23.0	34.4#
65	29.0	45.8	68.8#





#27

2,4-Dimethylphenol

Concen: 38.31 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

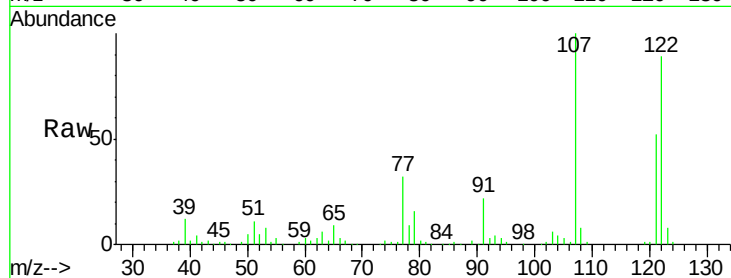
ClientSampleId :

SSTDCCC040EC

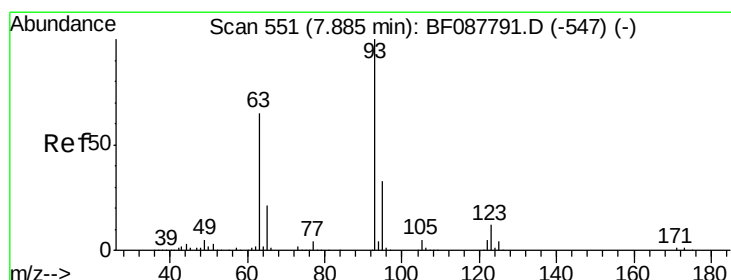
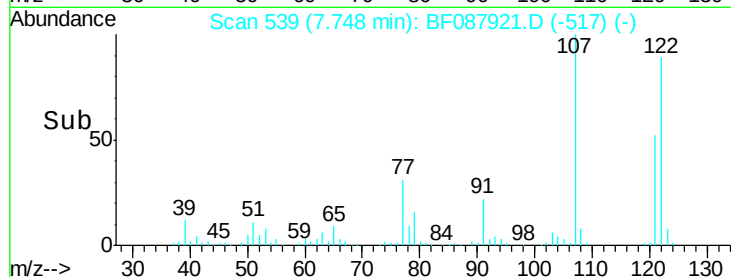
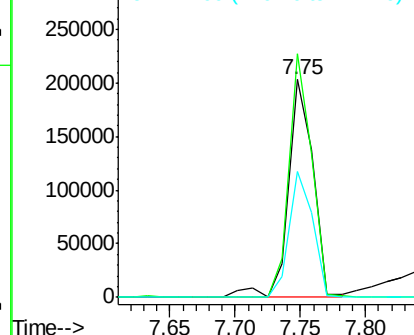
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		269583		
107	111.8	82.4	123.6		
121	57.6	46.3	69.5		

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 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: 42.67 ng

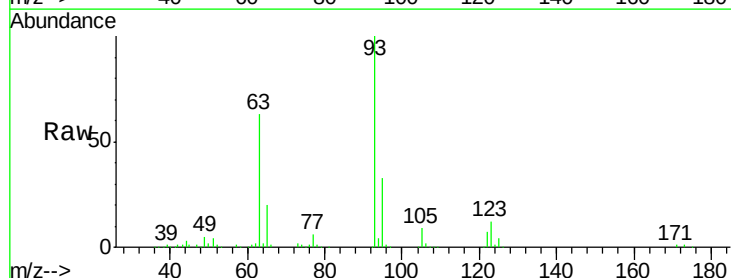
RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

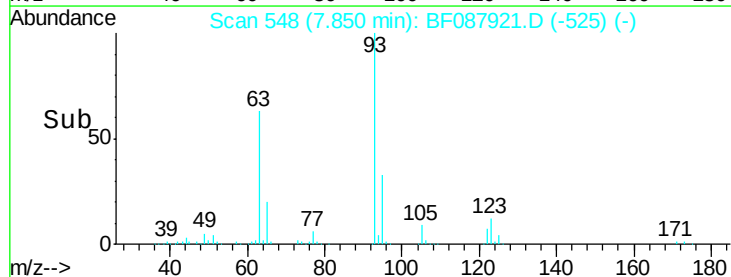
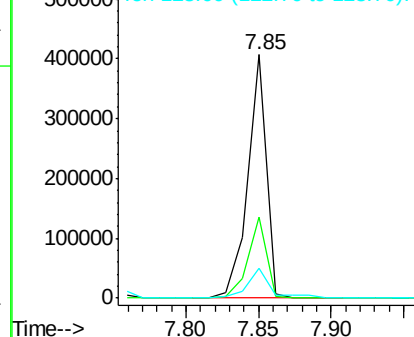
Lab File: BF087921.D

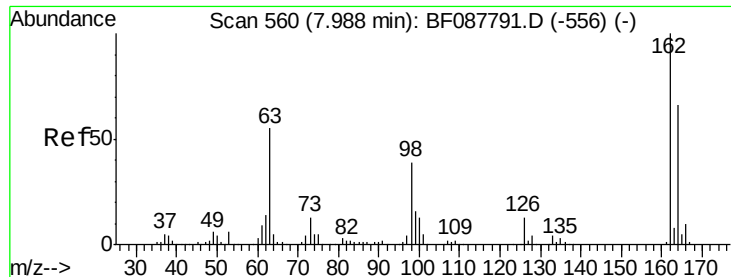
Acq: 12 Jun 2016 00:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		361081		
95	33.2	26.5	39.7		
123	12.2	11.6	17.4		



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





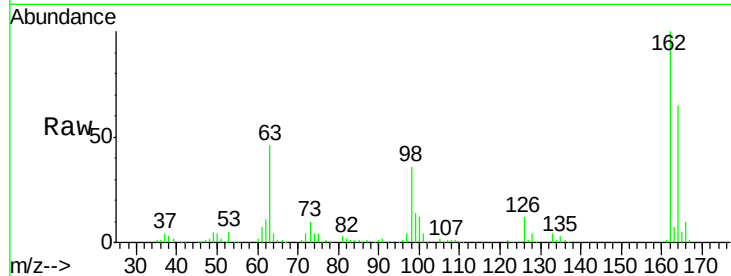
#29
 2,4-Dichlorophenol
 Concen: 42.24 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

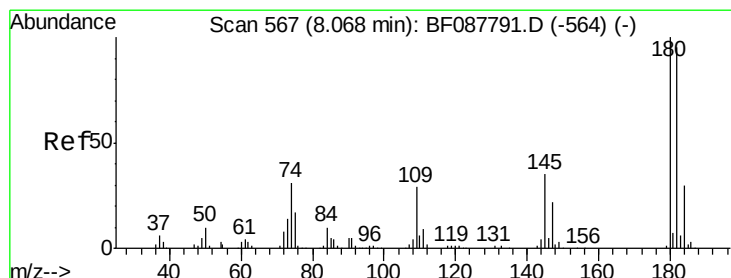
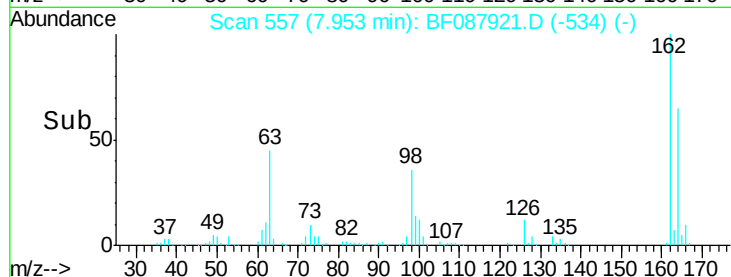
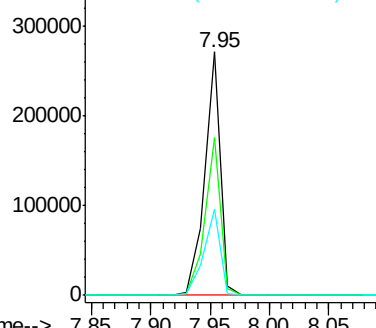
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	43.8	83.8
98	35.6	21.3	61.3

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:35 PM

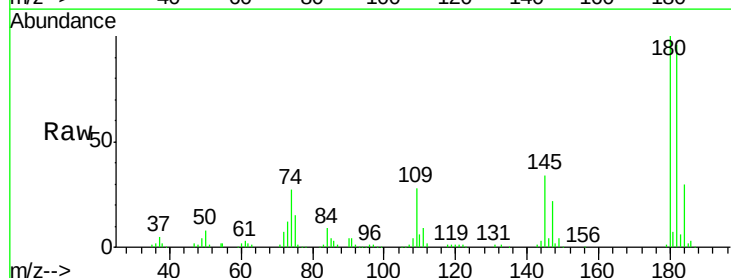


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

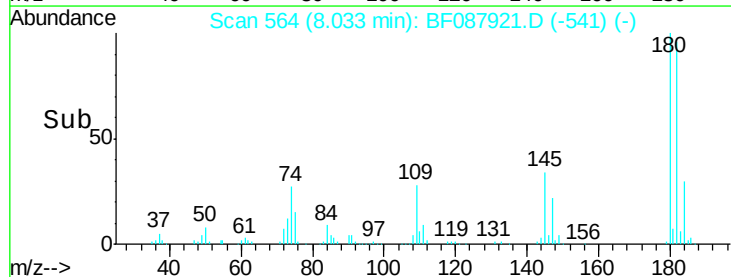
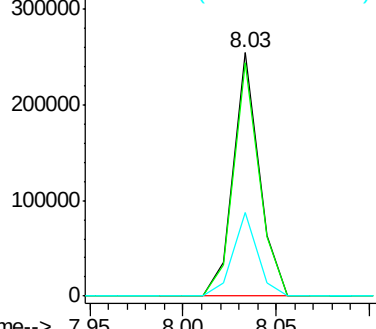


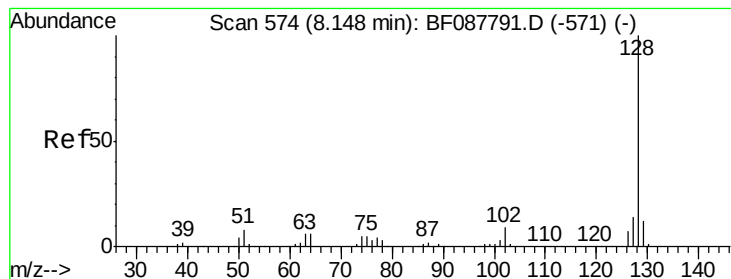
#30
 1,2,4-Trichlorobenzene
 Concen: 37.84 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.0	114.0
145	34.2	26.5	39.7



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: 37.49 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

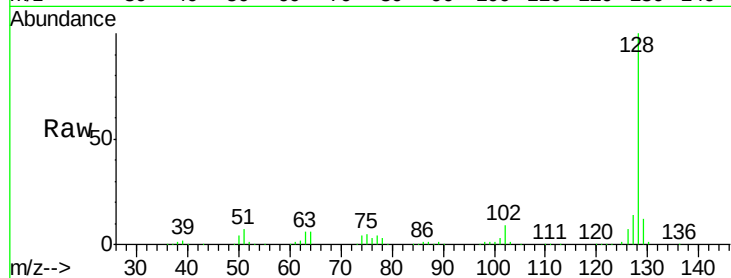
ClientSampleId :

SSTDCCC040EC

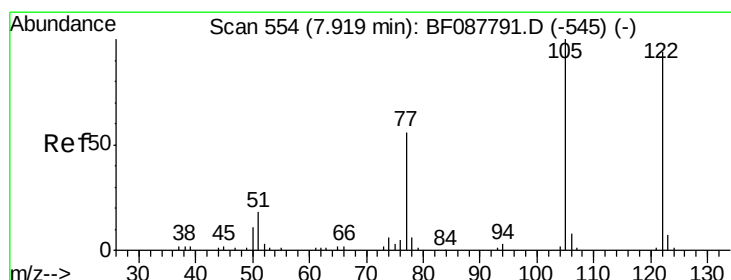
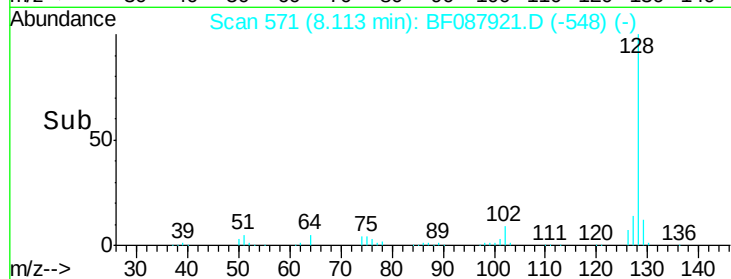
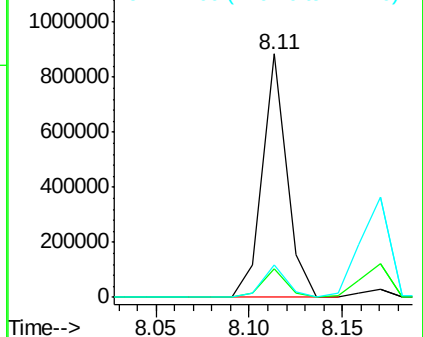
Tot Ion:	128	Resp:	797908
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.4	14.2
127	13.5	10.9	16.3

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



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



#32

Benzoic acid

Concen: 43.65 ng

RT: 7.88 min Scan# 551

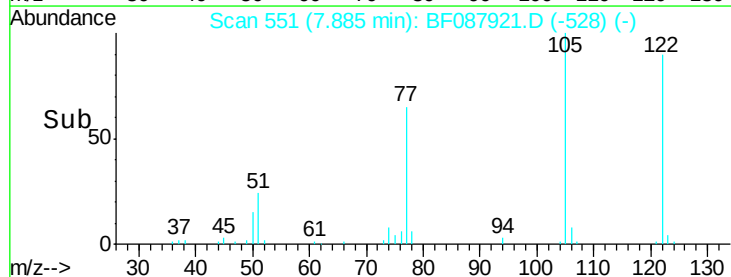
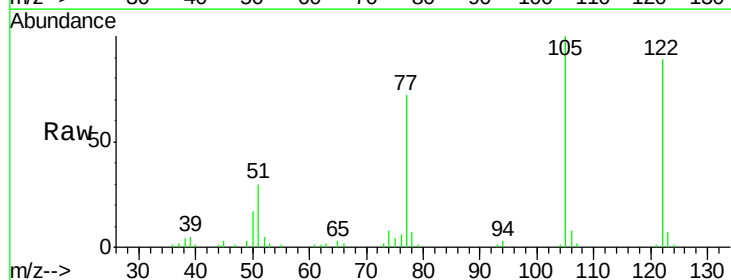
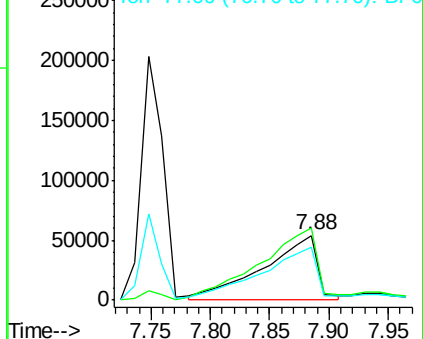
Delta R.T. -0.03 min

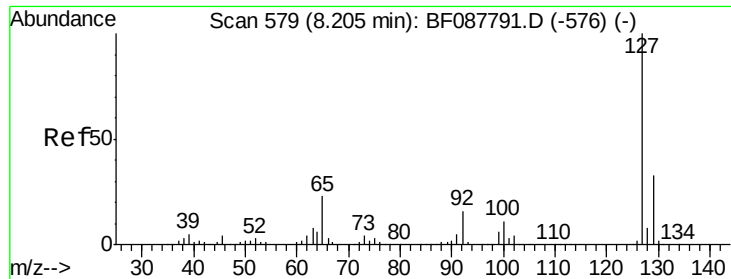
Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	122	Resp:	169150
Ion Ratio	Lower	Upper	
122	100		
105	112.2	101.6	141.6
77	80.7	70.6	110.6

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





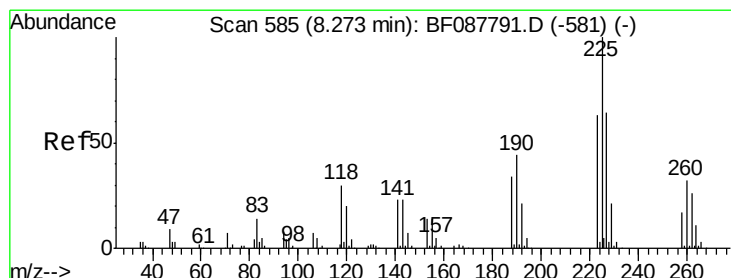
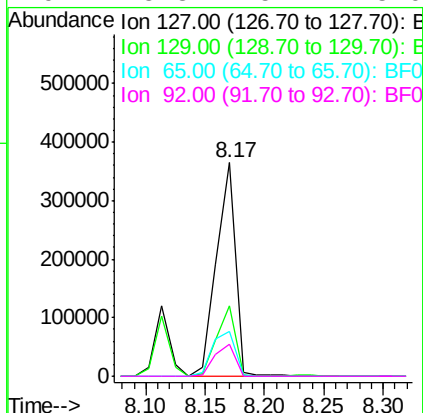
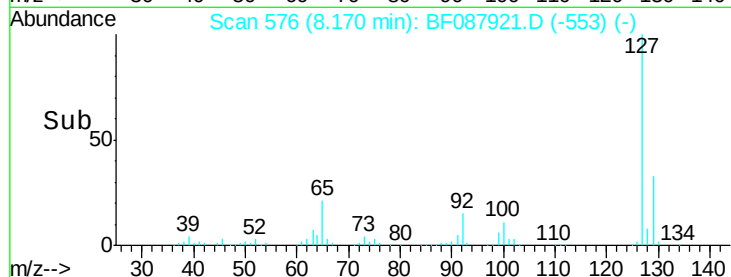
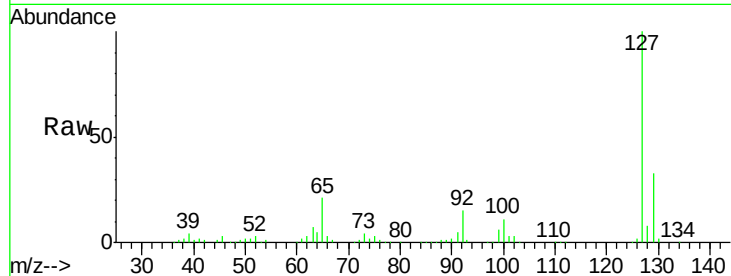
#33
4-Chloroaniline
Concen: 42.02 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.3	39.5		
65	21.0	24.7	37.1#		
92	15.3	15.4	23.0#		

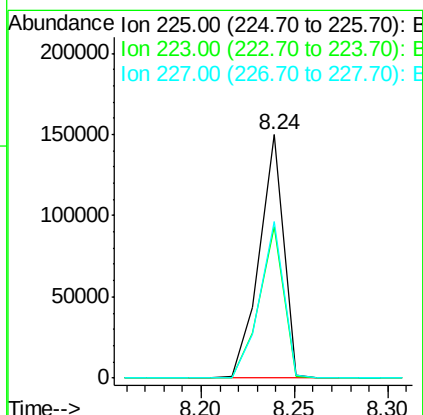
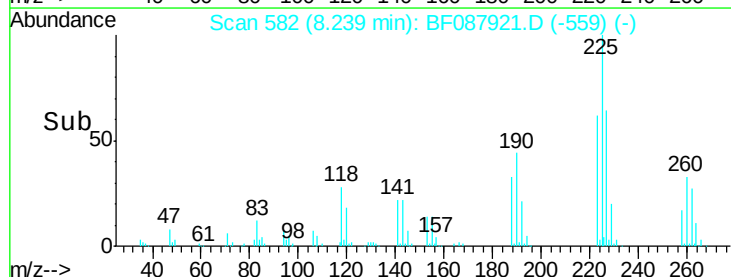
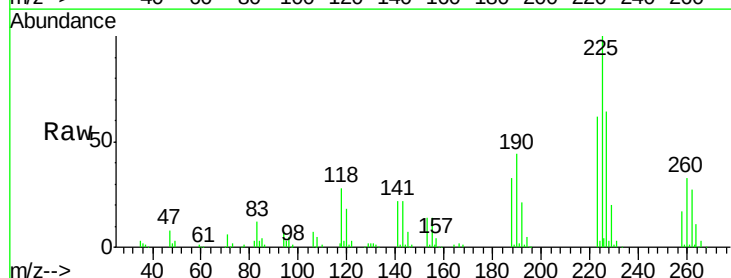
Manual Integrations
APPROVED

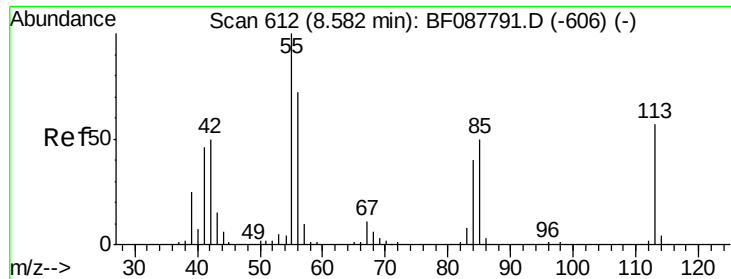
umangi
6/13/2016 7:44:35 PM



#34
Hexachlorobutadiene
Concen: 40.00 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.9	76.3		
227	64.2	51.9	77.9		





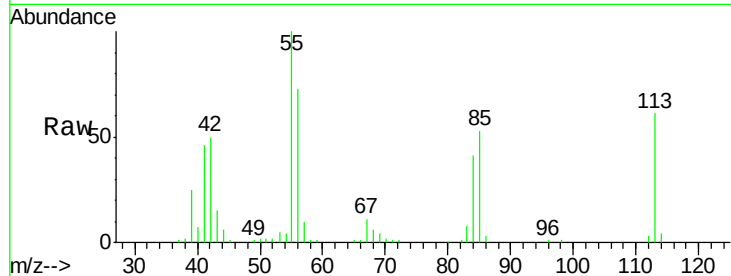
#35
 Caprolactam
 Concen: 38.97 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

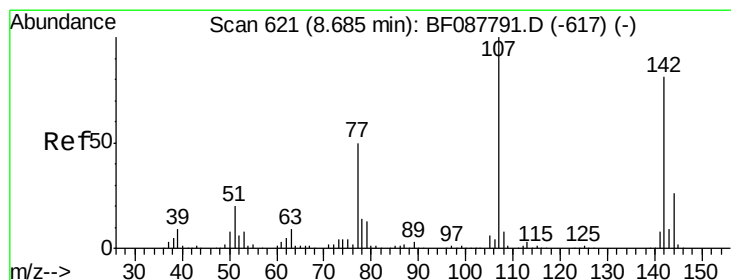
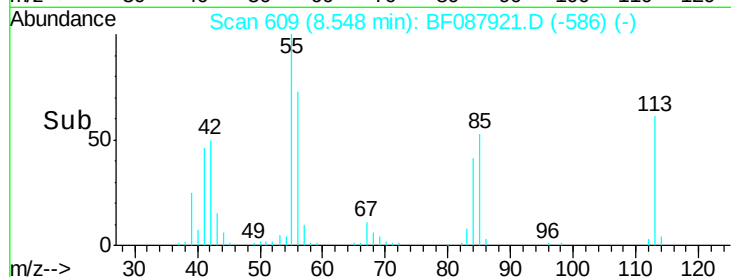
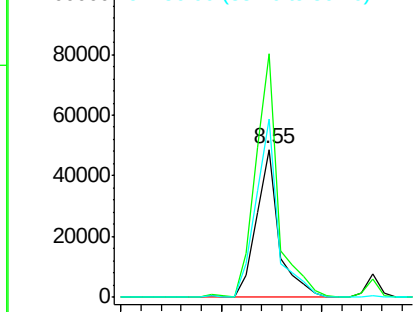
Tot Ion:113 Resp: 75844
 Ion Ratio Lower Upper
 113 100
 55 164.9 158.6 198.6
 56 120.4 110.6 150.6

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:35 PM

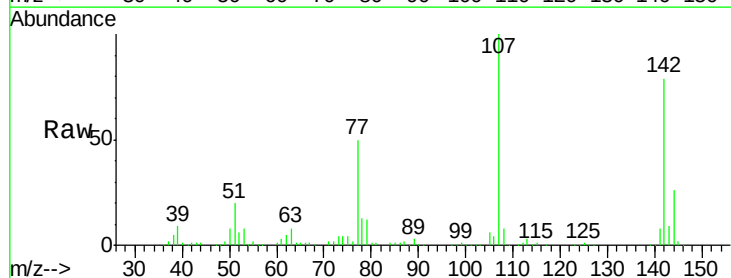


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

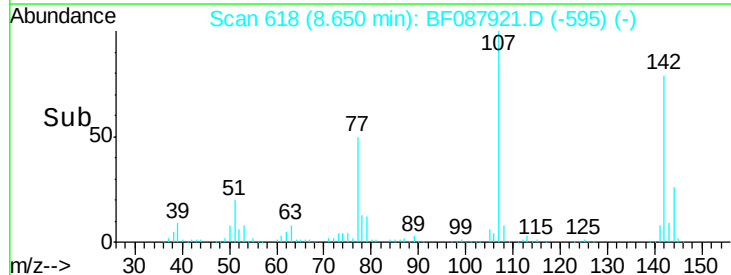
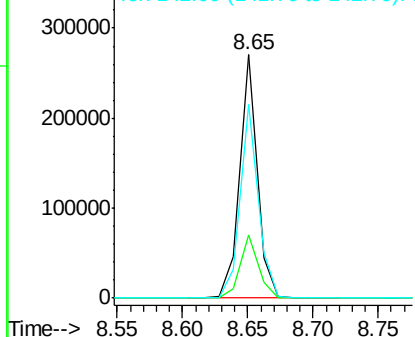


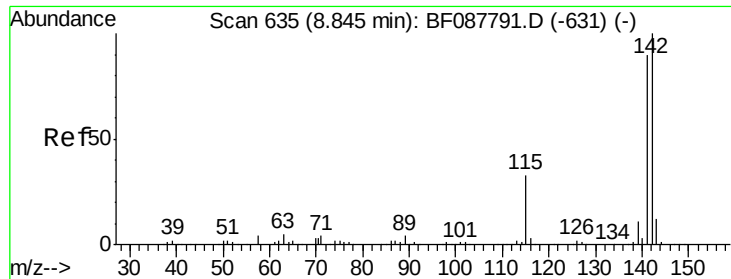
#36
 4-Chloro-3-methylphenol
 Concen: 39.78 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion:107 Resp: 249967
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.8 31.2
 142 79.5 63.4 95.2



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





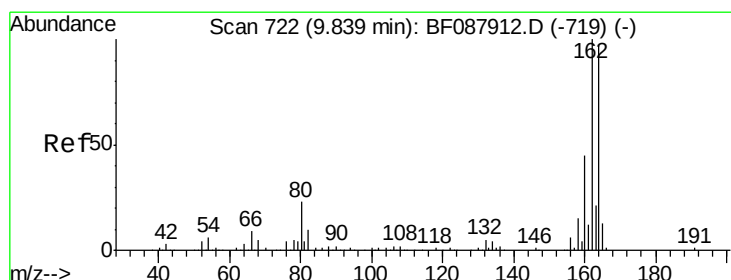
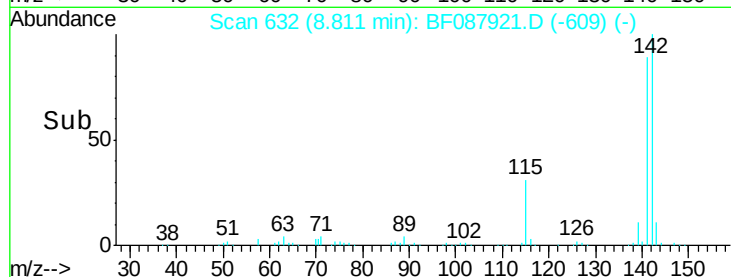
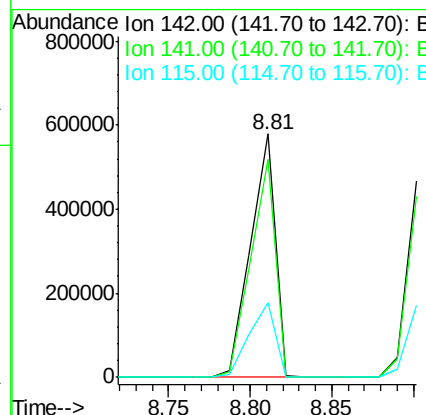
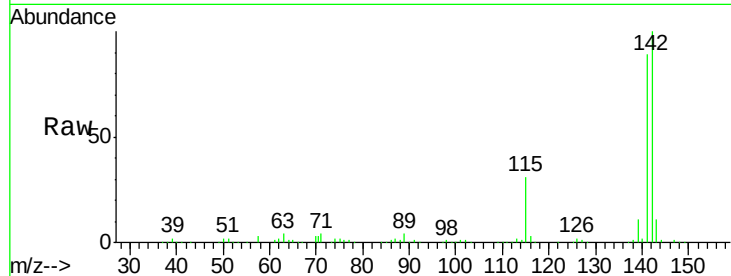
#37
2-Methylnaphthalene
Concen: 43.38 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	30.8	22.6	33.8

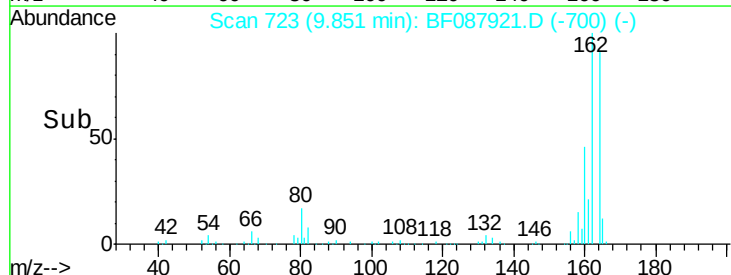
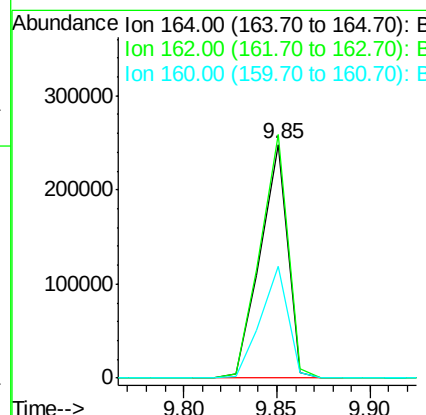
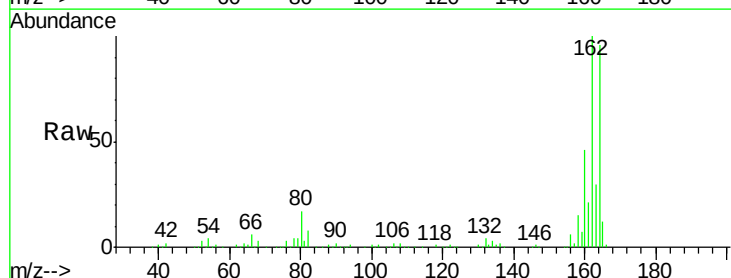
Manual Integrations
APPROVED

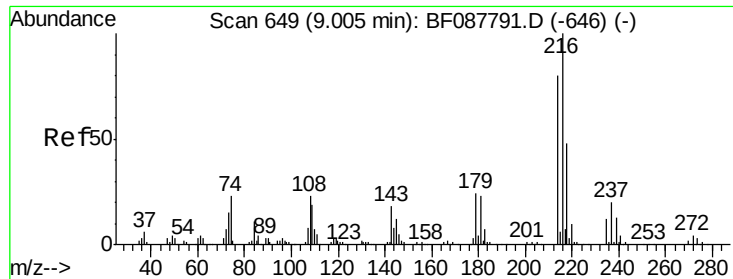
umangi
6/13/2016 7:44:35 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	47.6	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.46 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 228722
Ion Ratio Lower Upper

216 100

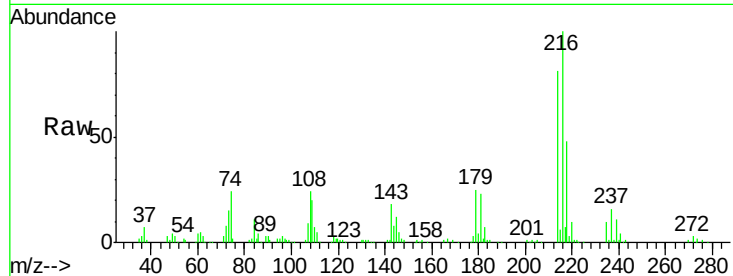
214 79.2 2.9 4.3#

179 22.5 0.0 0.0#

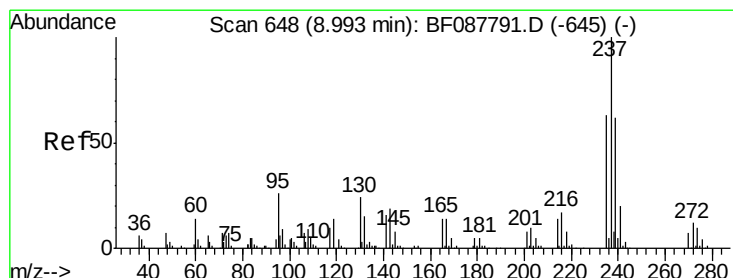
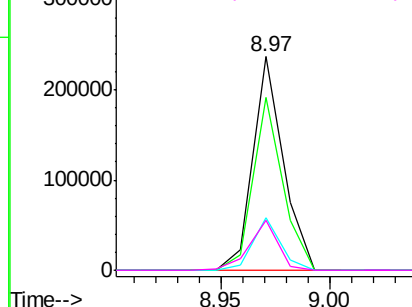
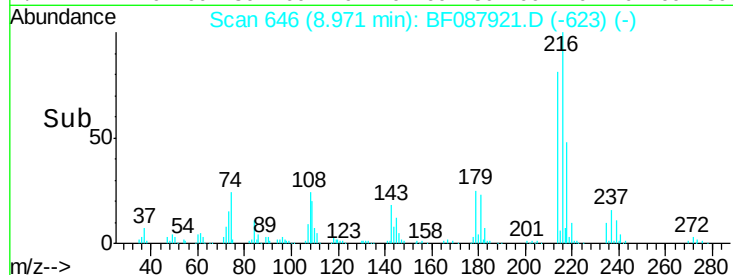
108 21.9 0.5 0.7#

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 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: 30.49 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087921.D

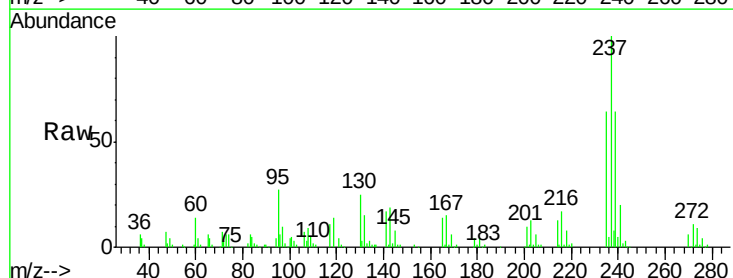
Acq: 12 Jun 2016 00:28

Tgt Ion:237 Resp: 124365
Ion Ratio Lower Upper

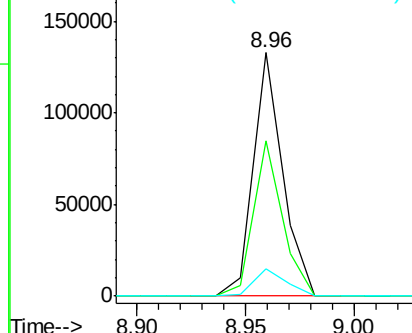
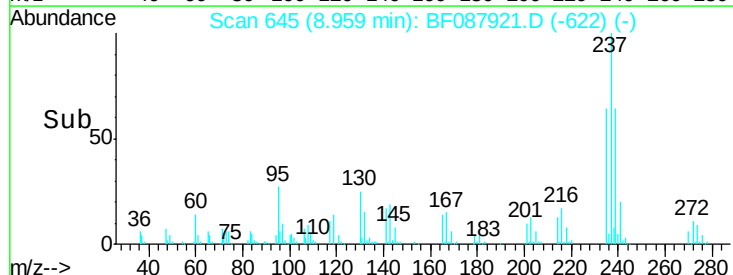
237 100

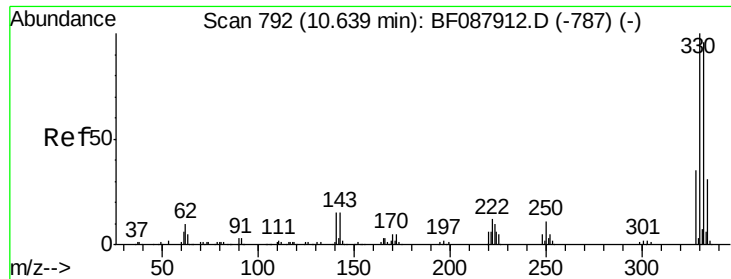
235 63.6 43.4 83.4

272 11.4 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





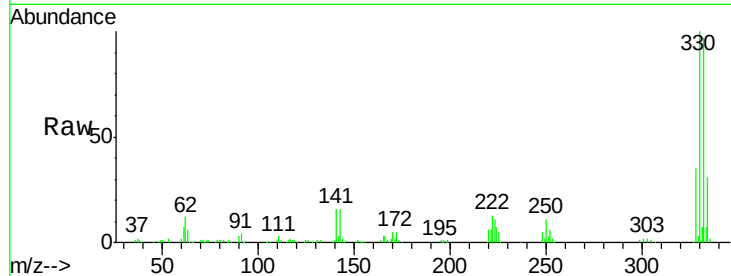
#41
 2,4,6-Tribromophenol
 Concen: 69.22 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

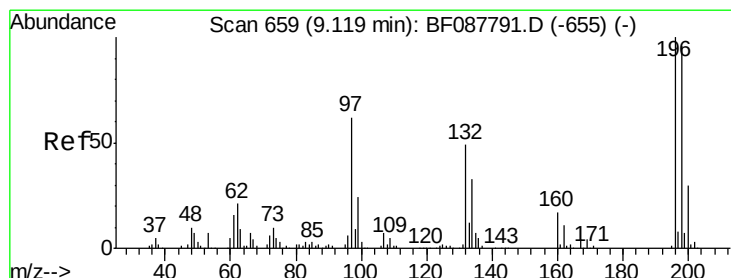
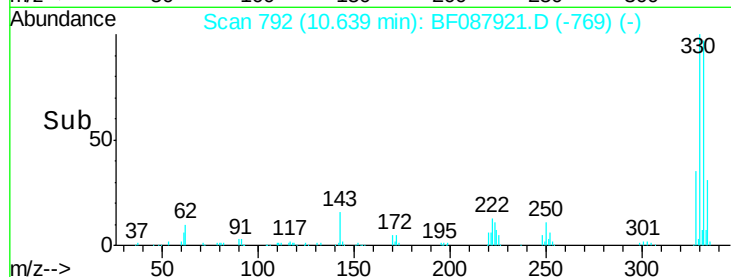
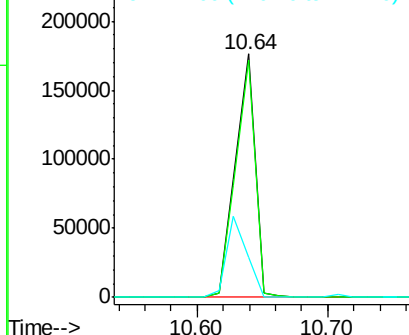
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	34.3	0.0	0.0#

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:35 PM



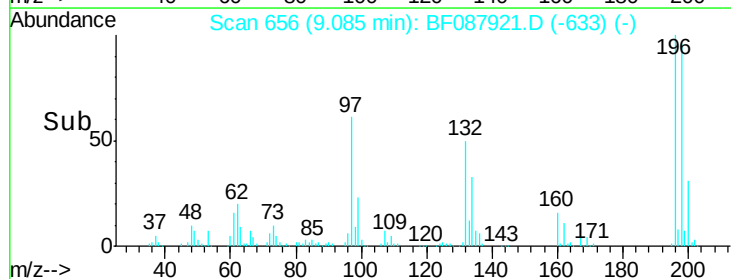
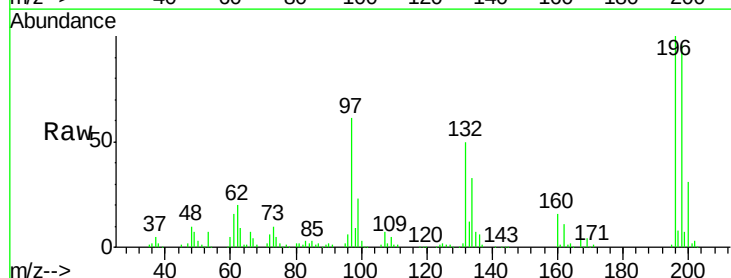
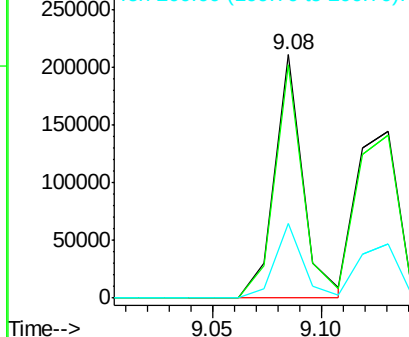
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

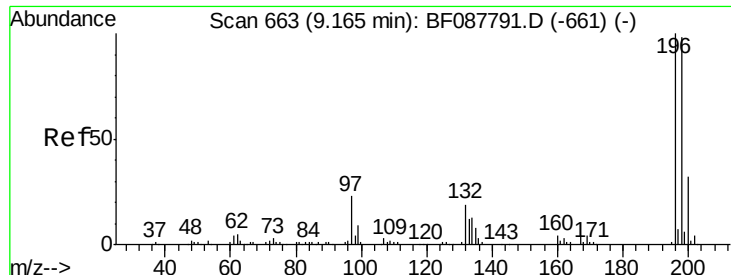


#42
 2,4,6-Trichlorophenol
 Concen: 38.06 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.9	78.0	117.0
200	30.6	25.4	38.2

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





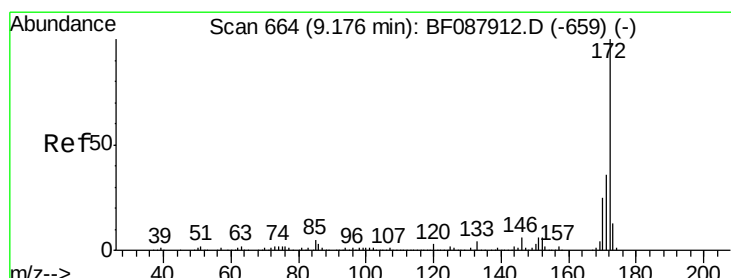
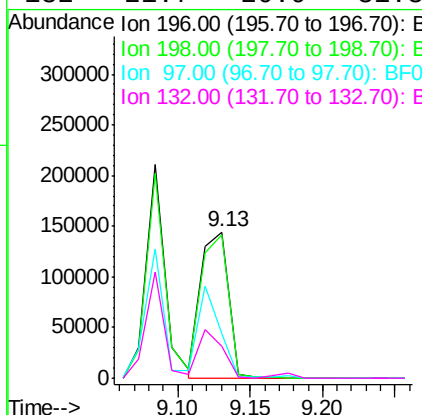
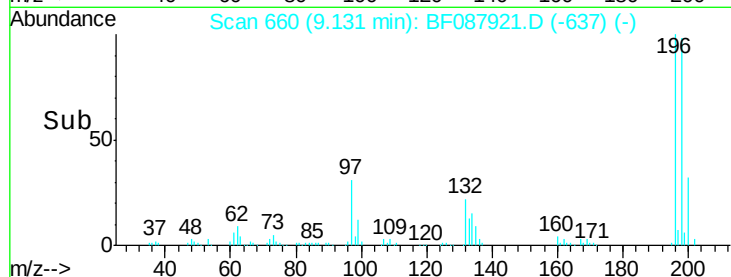
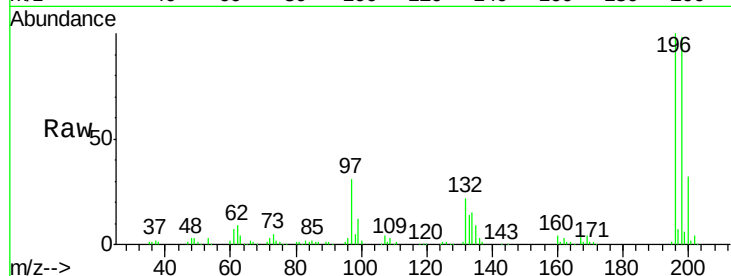
#43
 2,4,5-Trichlorophenol
 Concen: 36.62 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192643		
198	98.1	77.5	116.3	
97	30.8	32.0	48.0	
132	21.7	20.9	31.3	

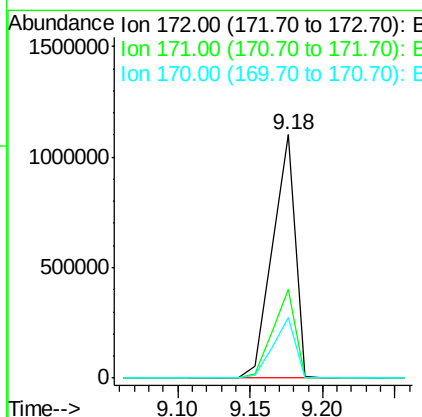
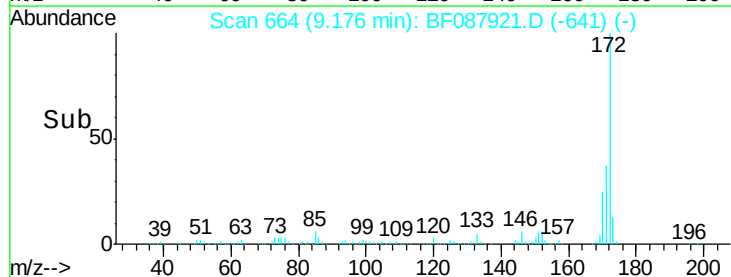
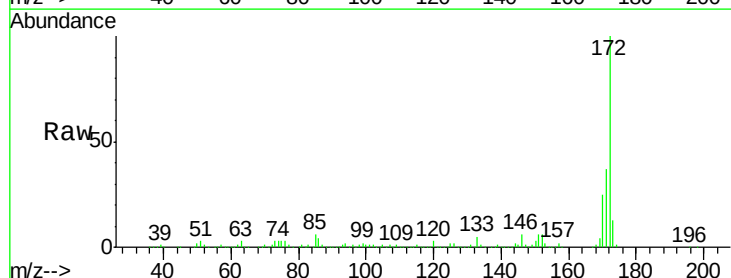
Manual Integrations
 APPROVED

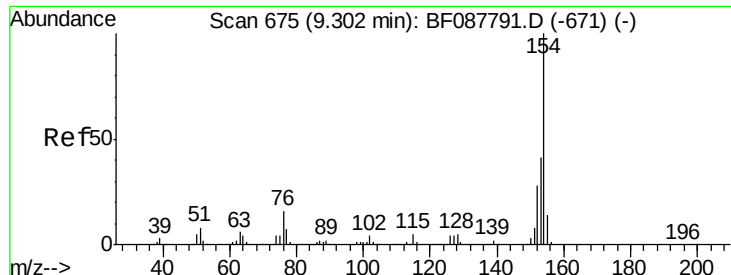
umangi
 6/13/2016 7:44:35 PM



#44
 2-Fluorobiphenyl
 Concen: 73.32 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1192402		
171	36.6	28.6	43.0	
170	24.6	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 36.91 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

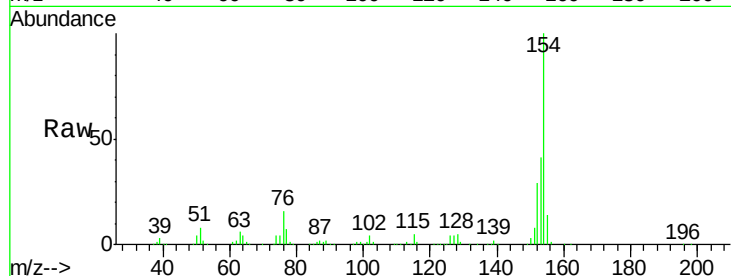
ClientSampleId :

SSTDCCC040EC

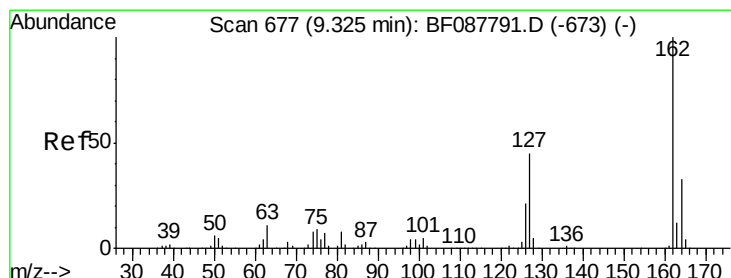
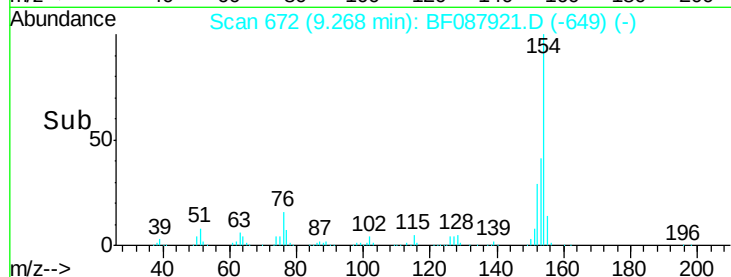
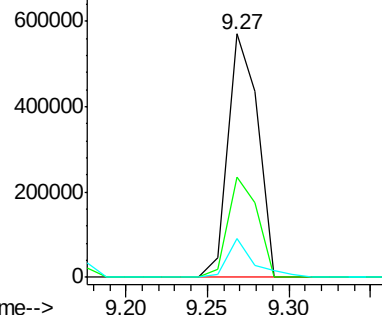
Tot Ion:	154	Resp:	721703
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.6	60.6
76	16.1	0.0	35.1

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 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: 36.11 ng

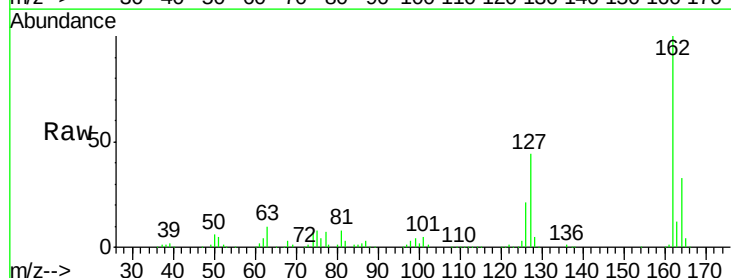
RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

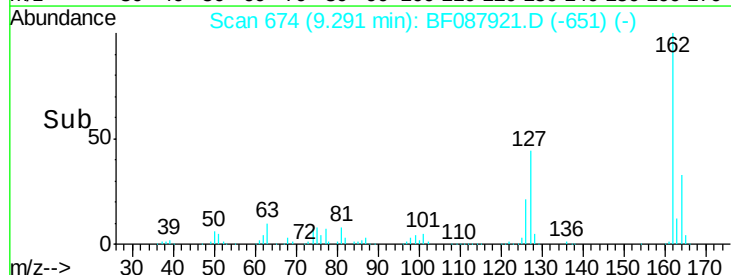
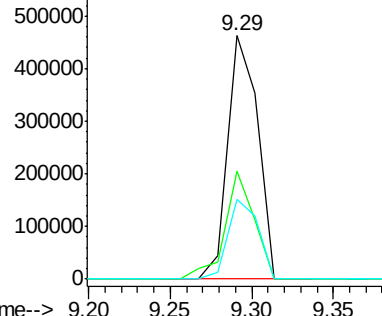
Lab File: BF087921.D

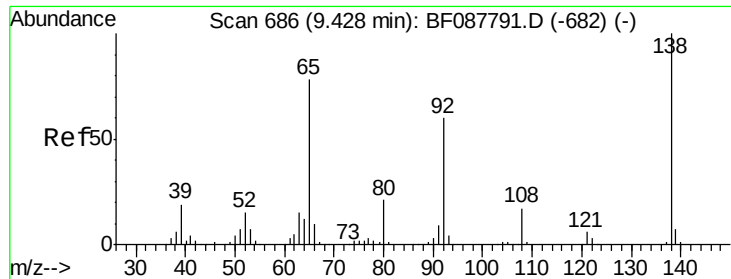
Acq: 12 Jun 2016 00:28

Tgt Ion:	162	Resp:	590927
Ion Ratio	Lower	Upper	
162	100		
127	44.1	35.2	52.8
164	32.9	26.6	39.8



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





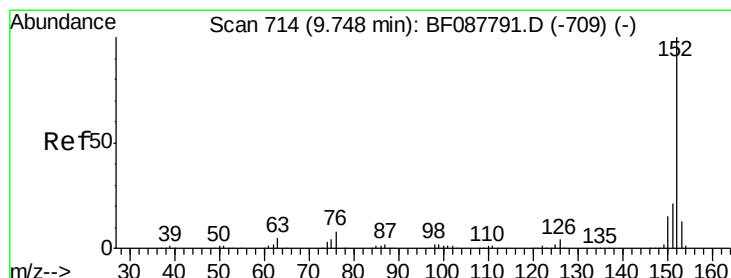
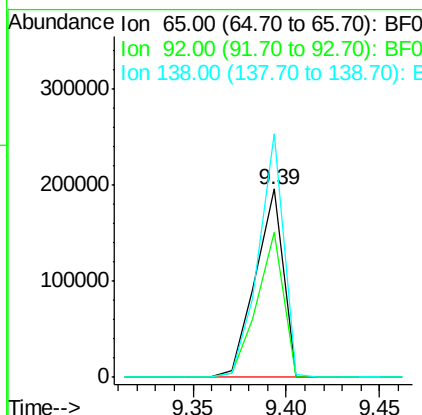
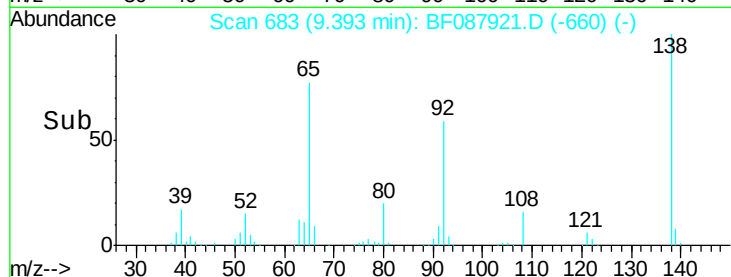
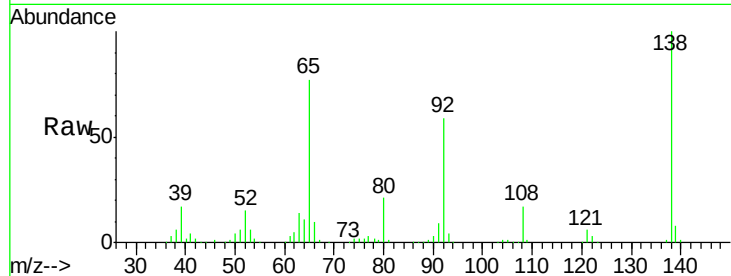
#47
 2-Nitroaniline
 Concen: 41.80 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.6	54.6	82.0
138	129.2	77.0	115.4

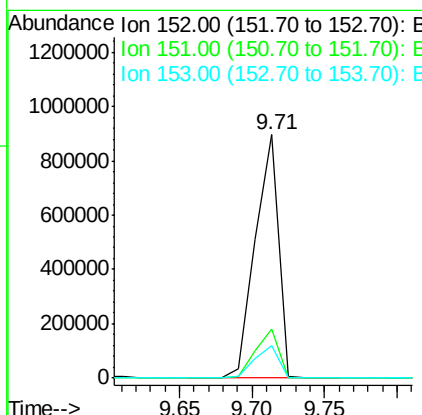
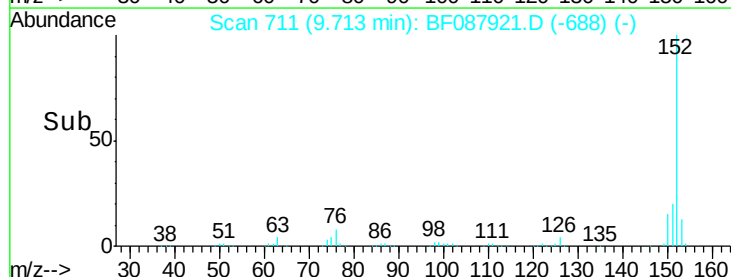
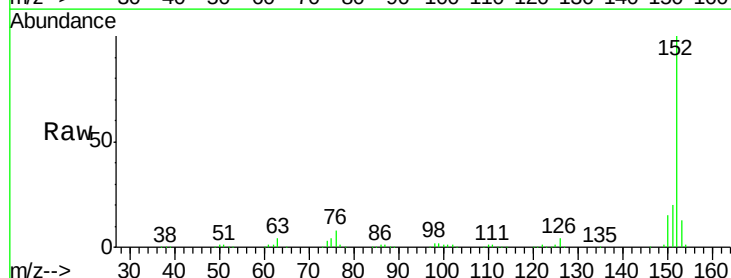
Manual Integrations
 APPROVED

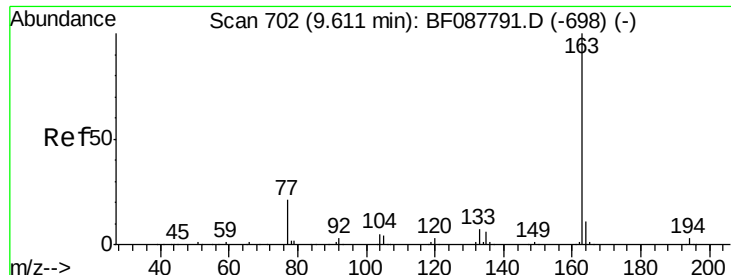
umangi
 6/13/2016 7:44:35 PM



#48
 Acenaphthylene
 Concen: 38.13 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	11.0	16.6





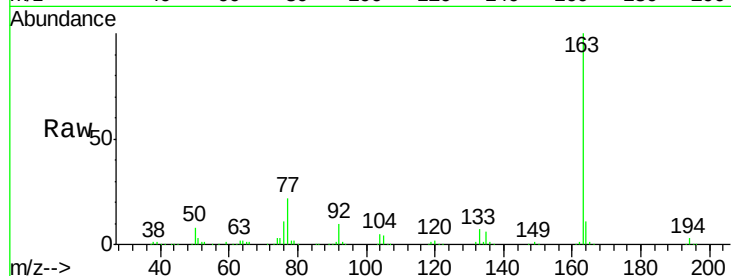
#49
Dimethylphthalate
Concen: 34.67 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	635040		
194	3.2	2.8	4.2	
164	10.7	8.3	12.5	

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM

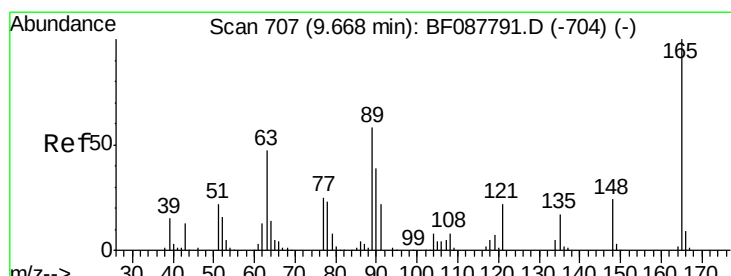
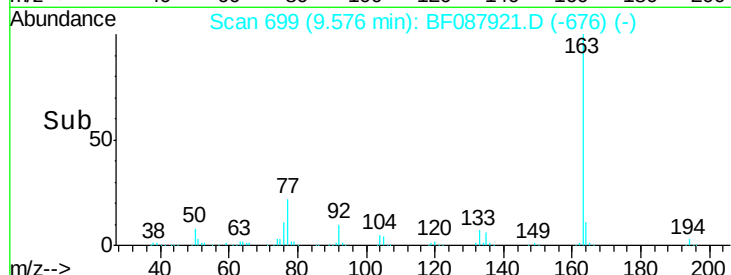
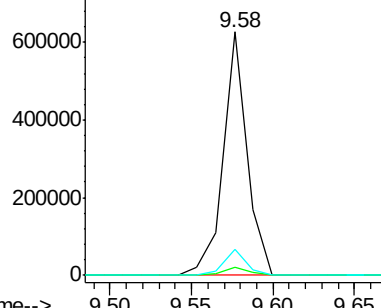


Abundance

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: 34.96 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

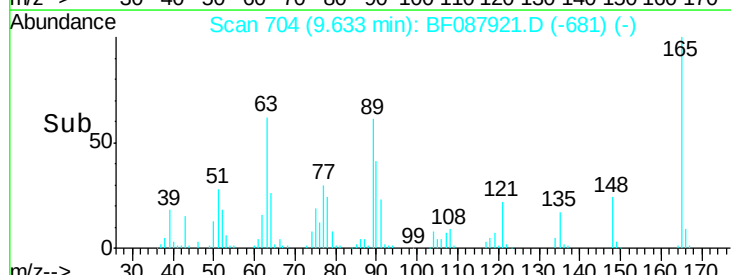
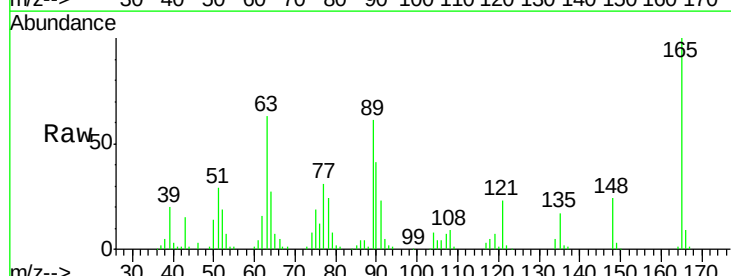
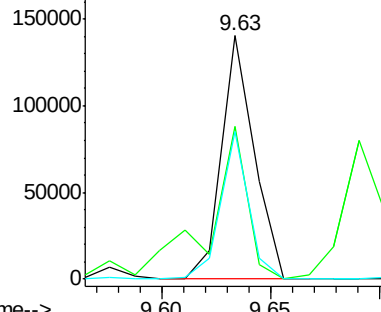
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146645		
63	62.7	28.1	42.1#	
89	60.7	32.2	48.2#	

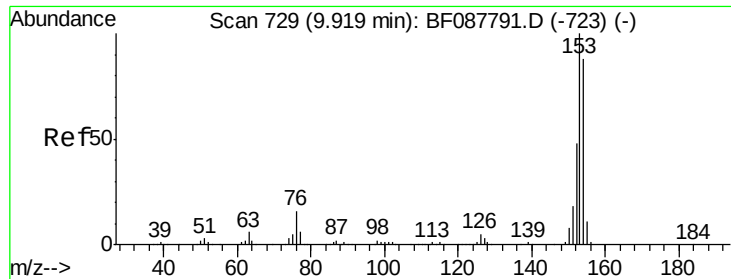
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





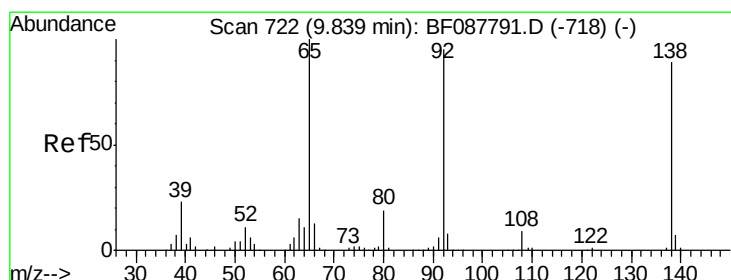
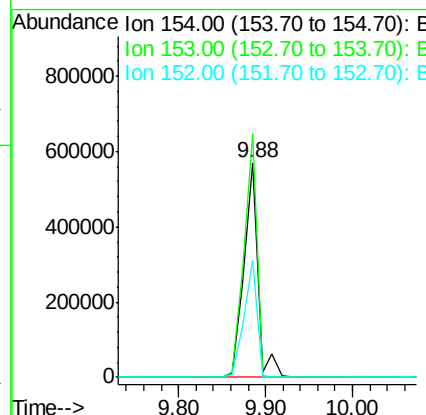
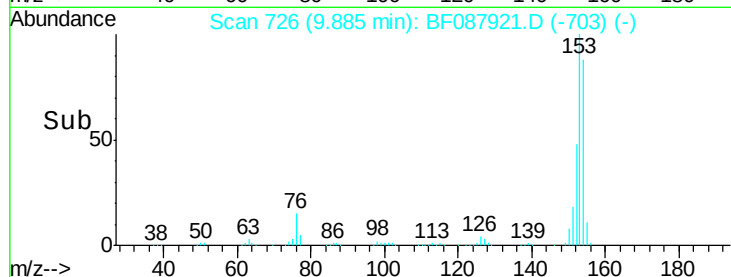
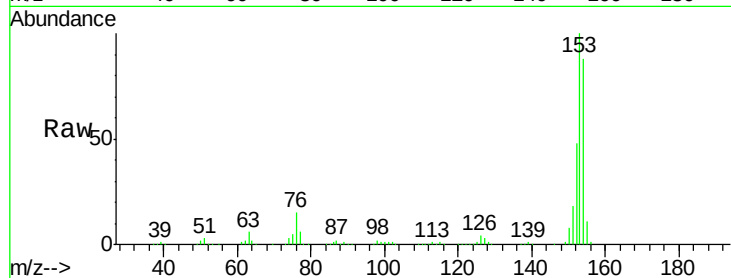
#51
Acenaphthene
Concen: 38.52 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	54.3	42.7	64.1

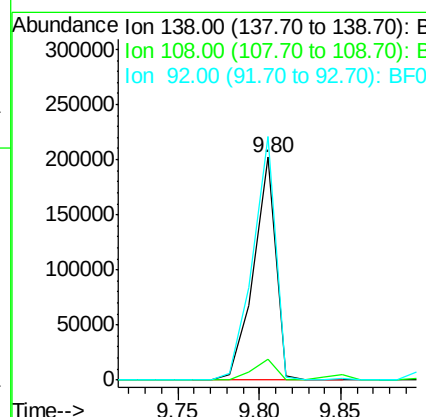
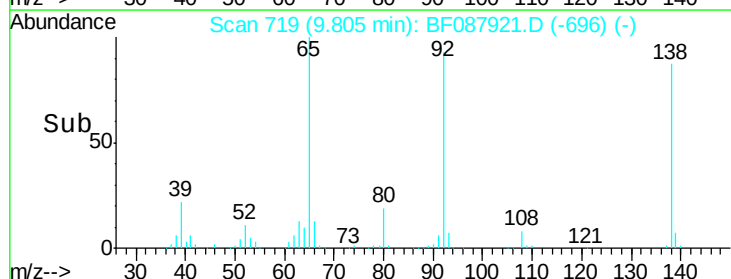
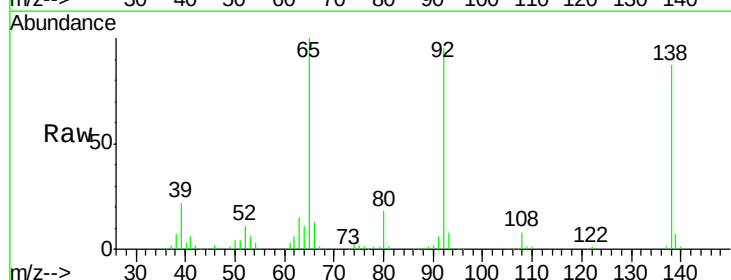
Manual Integrations
APPROVED

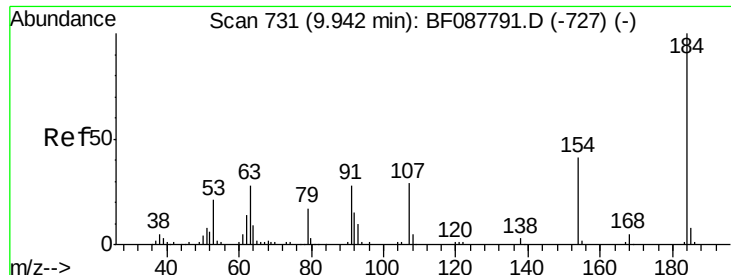
umangi
6/13/2016 7:44:35 PM



#52
3-Nitroaniline
Concen: 39.35 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.5	12.7
92	109.4	95.7	143.5





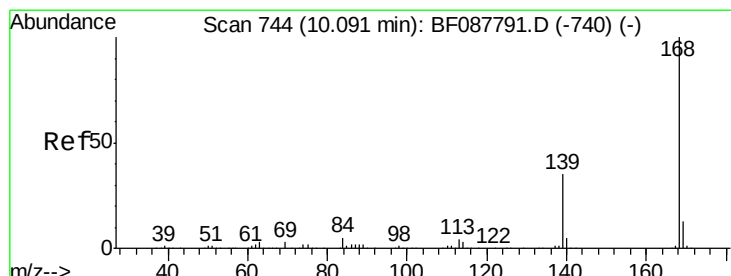
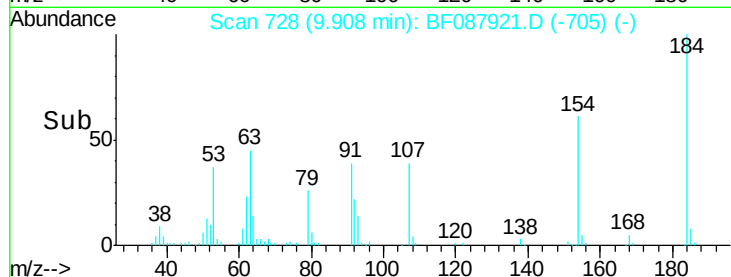
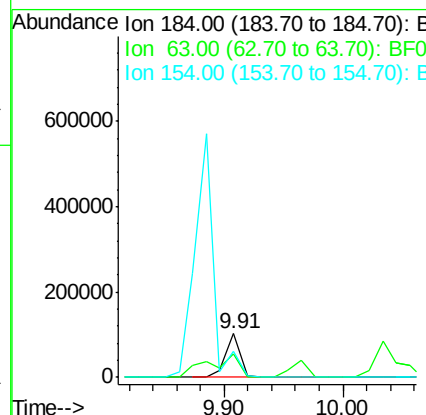
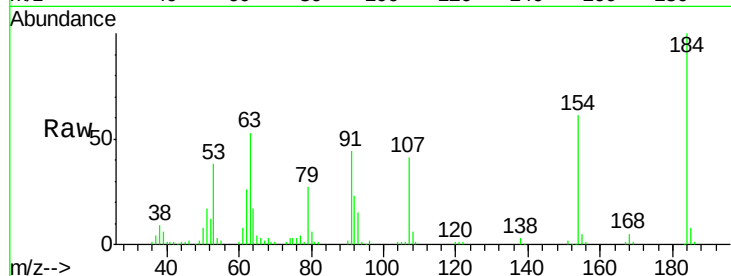
#53
 2,4-Dinitrophenol
 Concen: 43.57 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.3	57.6	86.4#
154	60.9	53.5	80.3

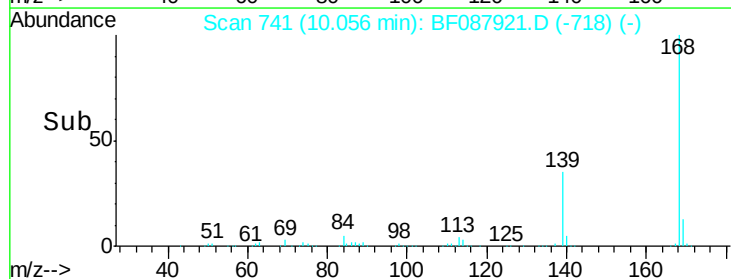
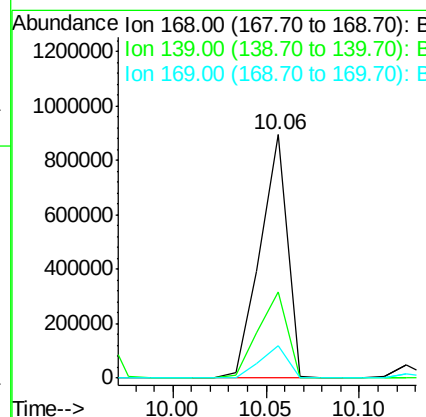
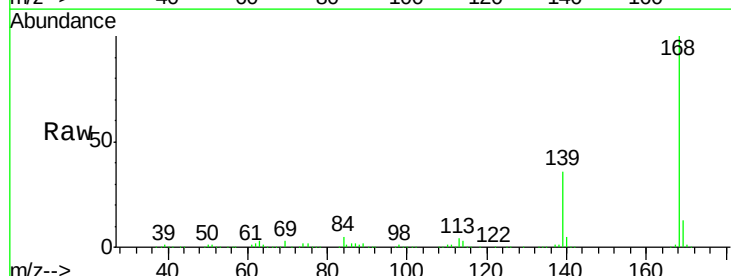
Manual Integrations
 APPROVED

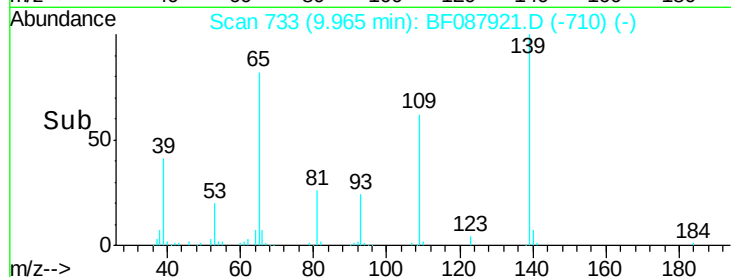
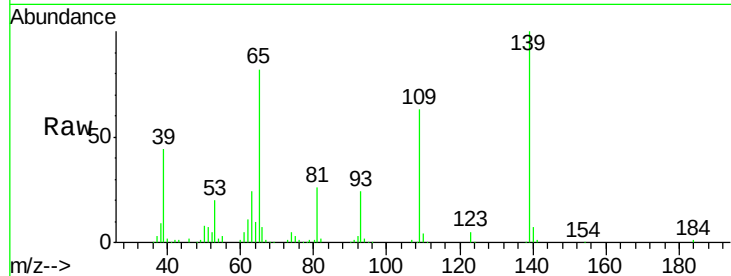
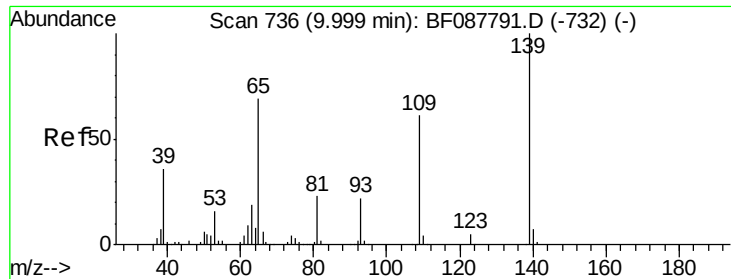
umangi
 6/13/2016 7:44:35 PM



#54
 Dibenzofuran
 Concen: 40.22 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	26.4	39.6
169	13.3	10.4	15.6





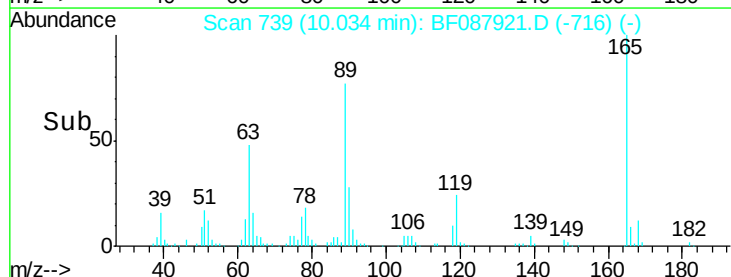
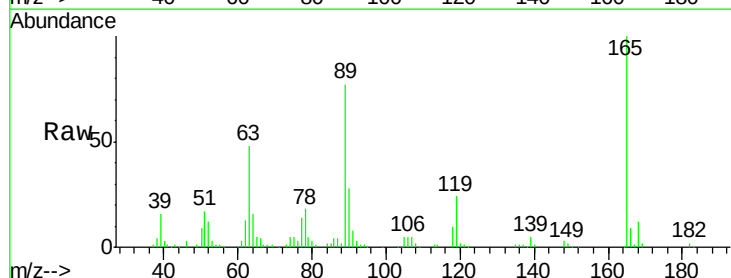
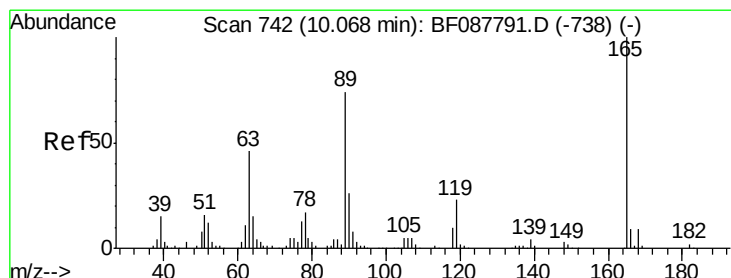
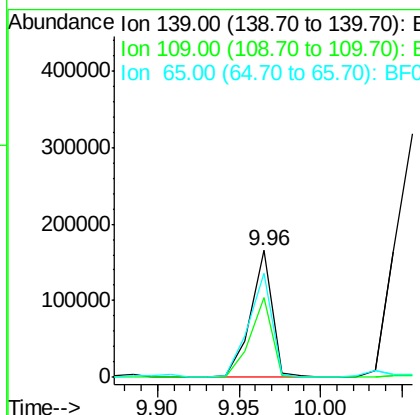
#55
4-Nitrophenol
Concen: 40.81 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tot Ion	Ratio	Resp	Lower	Upper
139	100	153325		
109	63.2	48.9	88.9	
65	82.2	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

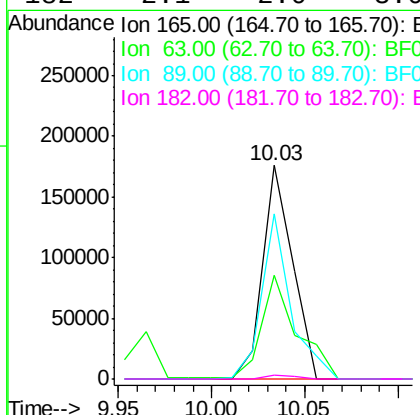
Manual Integrations
APPROVED

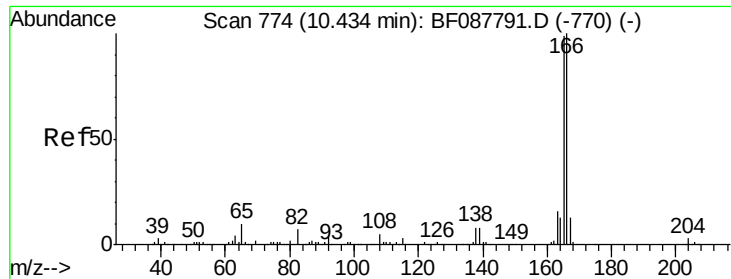
umangi
6/13/2016 7:44:35 PM



#56
2,4-Dinitrotoluene
Concen: 36.68 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197759		
63	48.3	22.0	33.0	
89	77.3	41.1	61.7	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 40.37 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

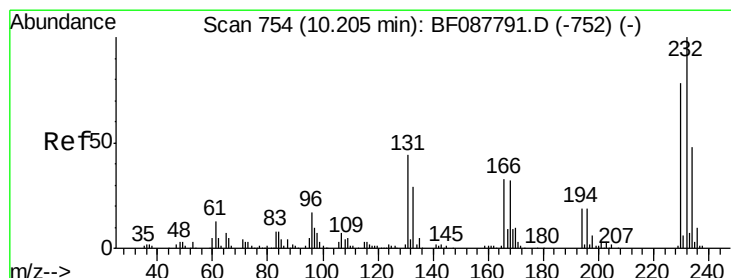
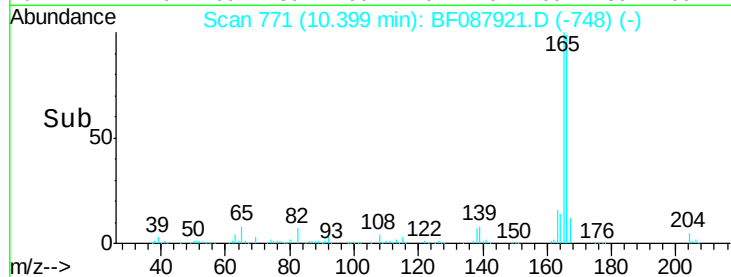
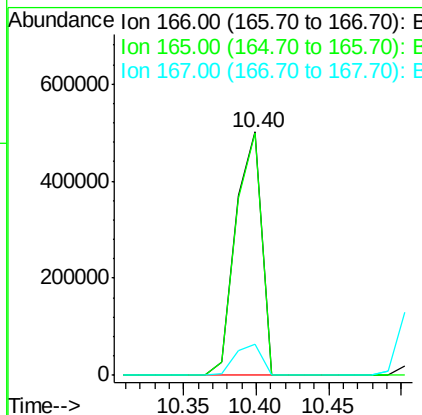
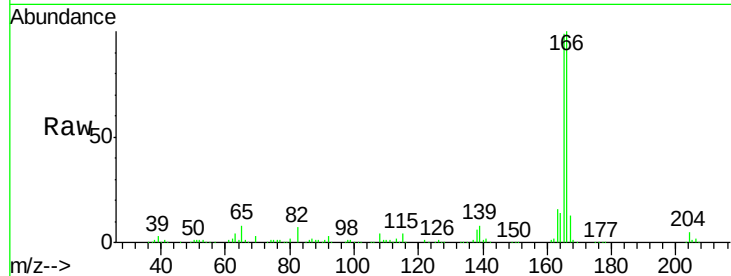
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	617494
Ion Ratio	Lower	Upper	
166	100		
165	99.5	77.8	116.8
167	12.9	11.2	16.8

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.87 ng

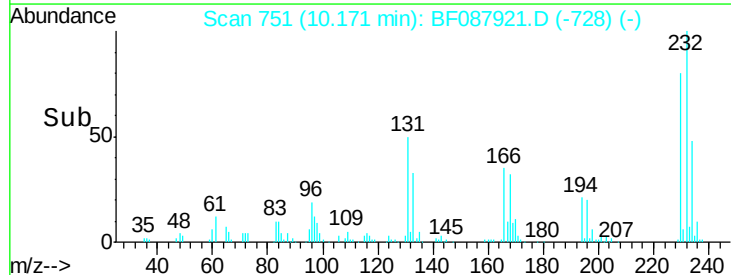
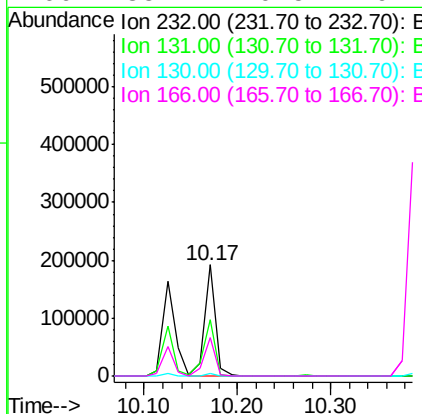
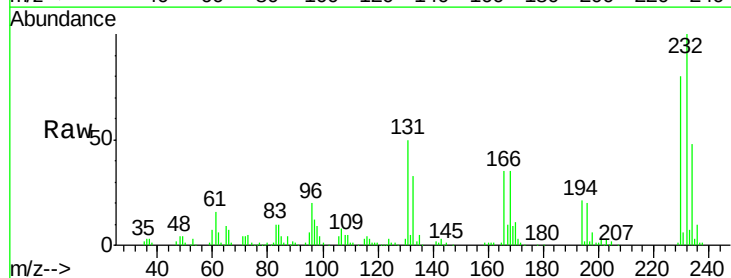
RT: 10.17 min Scan# 751

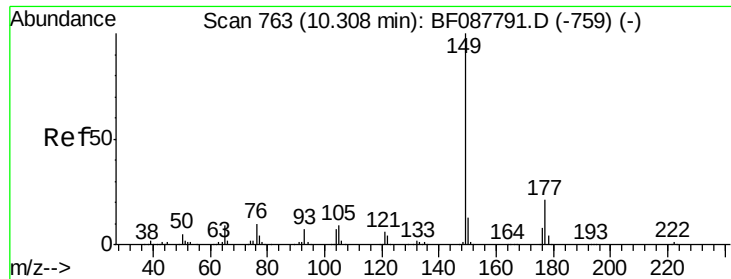
Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	232	Resp:	160723
Ion Ratio	Lower	Upper	
232	100		
131	52.8	0.9	1.3#
130	2.6	1.5	2.3#
166	35.4	0.5	0.7#





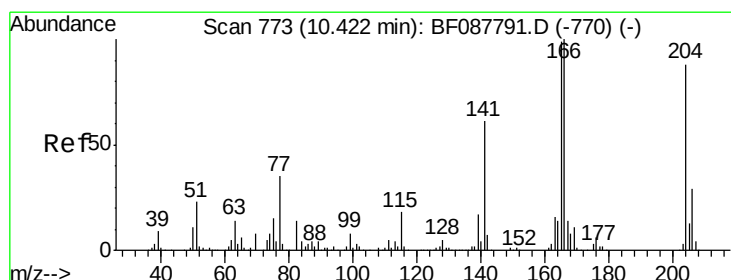
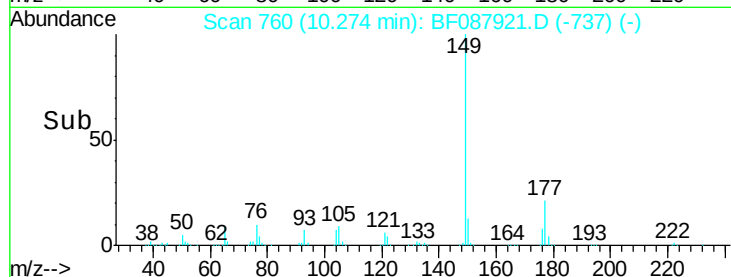
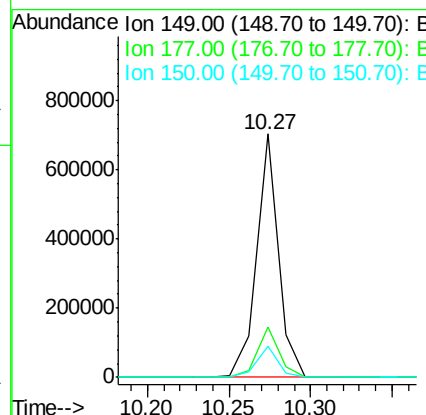
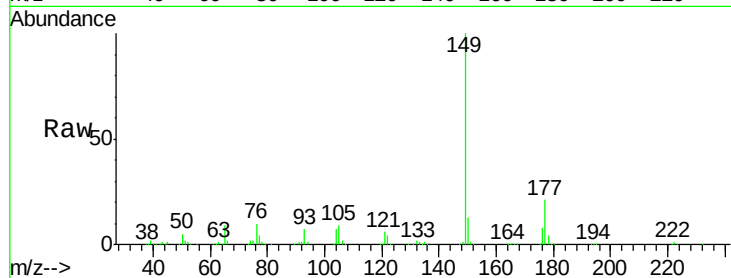
#59
Diethylphthalate
Concen: 35.19 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	652443		
177	20.9	16.9	25.3	
150	13.0	10.1	15.1	

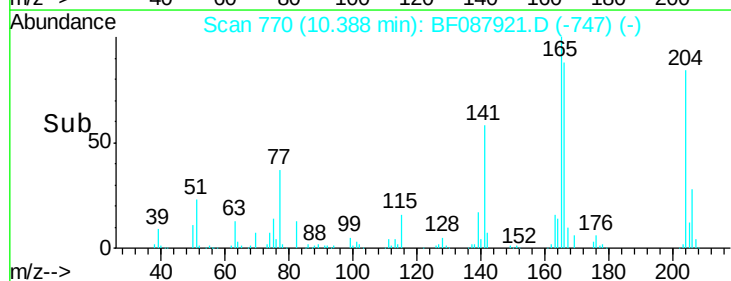
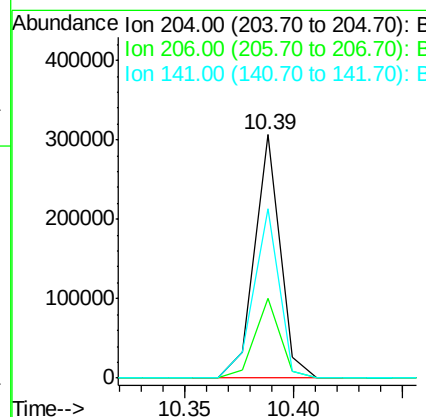
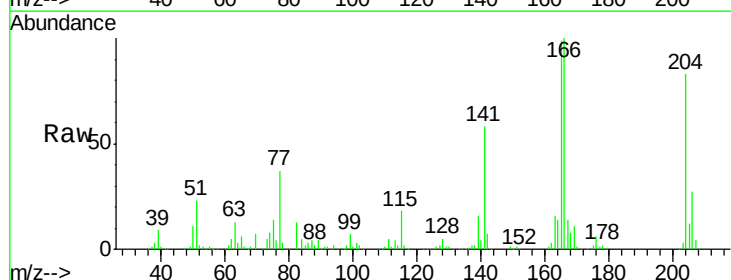
Manual Integrations
APPROVED

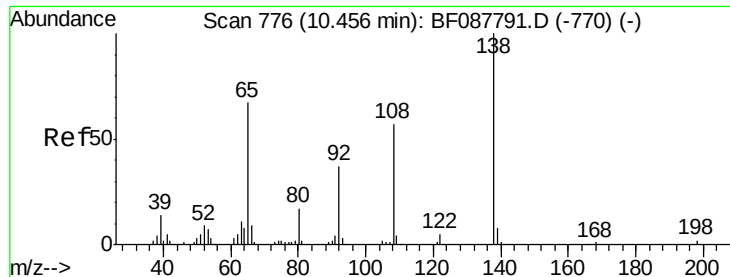
umangi
6/13/2016 7:44:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.64 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	250159		
206	32.7	26.3	39.5	
141	69.7	55.0	82.6	





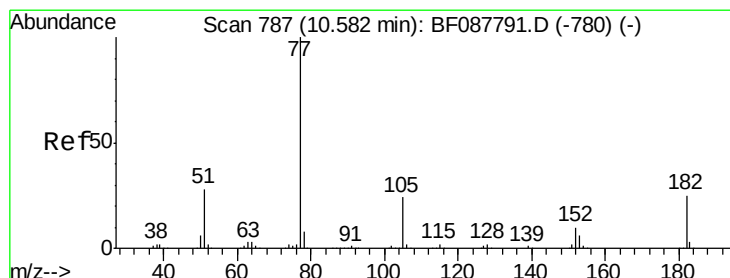
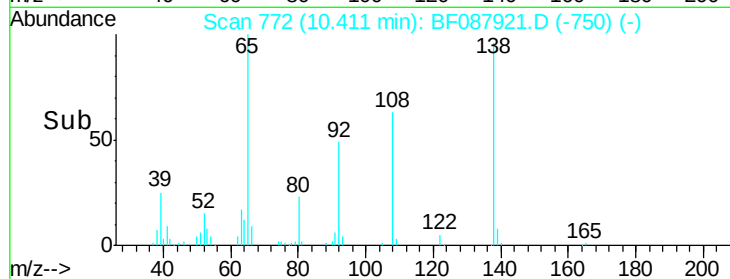
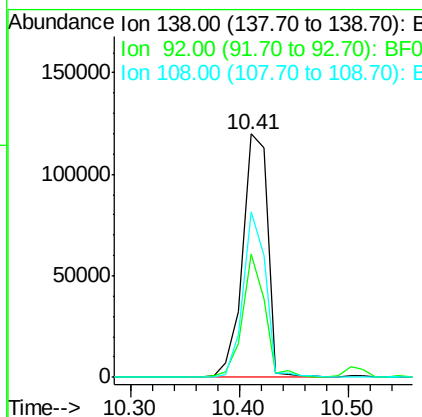
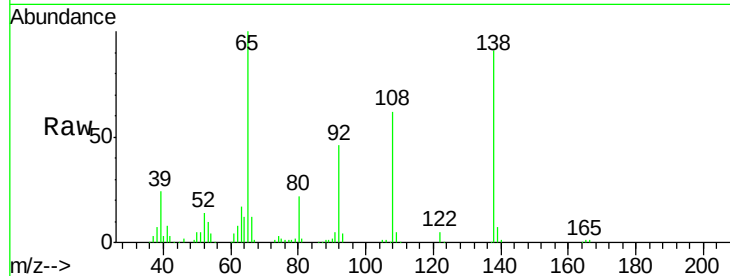
#61
 4-Nitroaniline
 Concen: 41.78 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.05 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	138	Resp:	191823
Ion Ratio	Lower	Upper	
138	100		
92	50.9	27.3	67.3
108	68.2	46.7	86.7

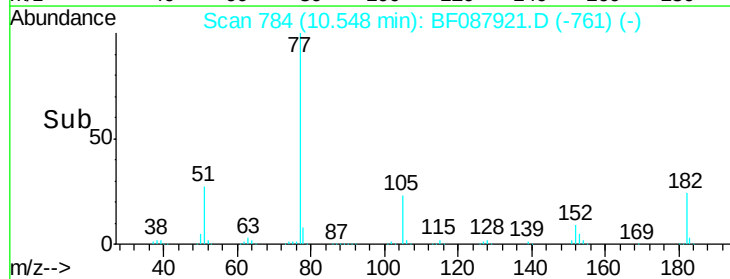
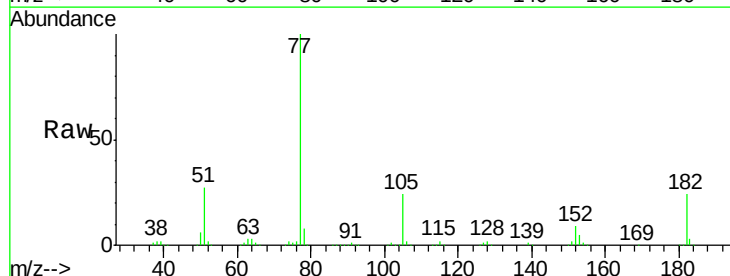
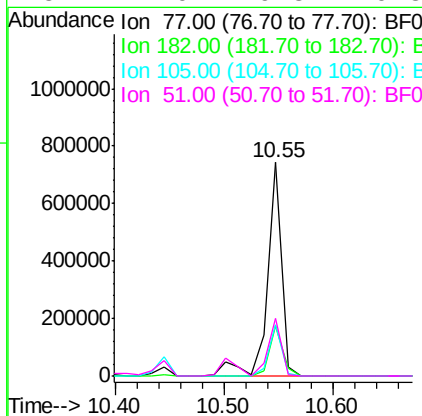
Manual Integrations
 APPROVED

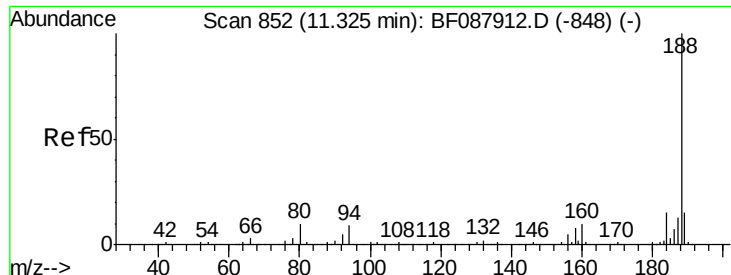
umangi
 6/13/2016 7:44:35 PM



#62
 Azobenzene
 Concen: 37.77 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion:	77	Resp:	692454
Ion Ratio	Lower	Upper	
77	100		
182	23.7	4.4	44.4
105	24.0	3.8	43.8
51	27.0	9.3	49.3





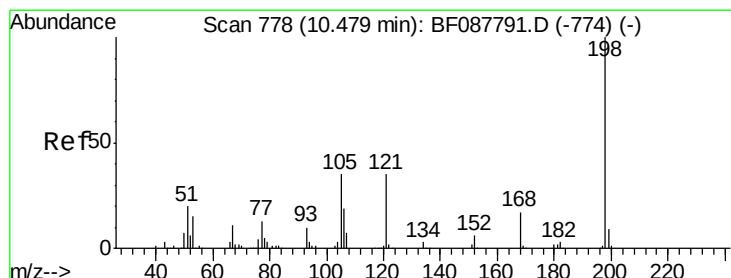
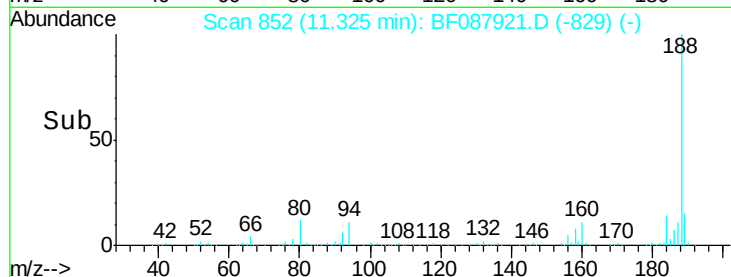
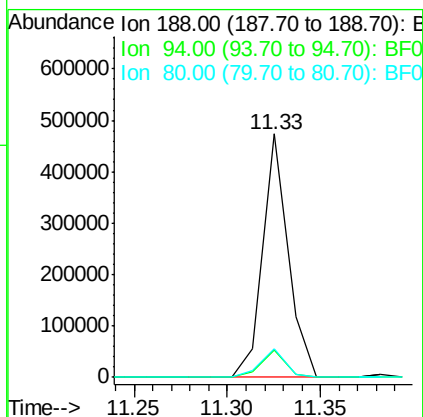
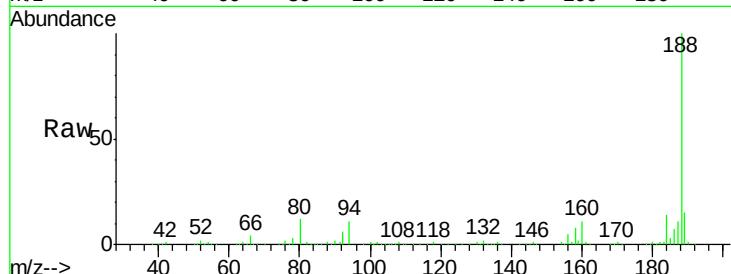
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	444940		
94	11.0		9.0	13.6
80	11.8		10.0	15.0

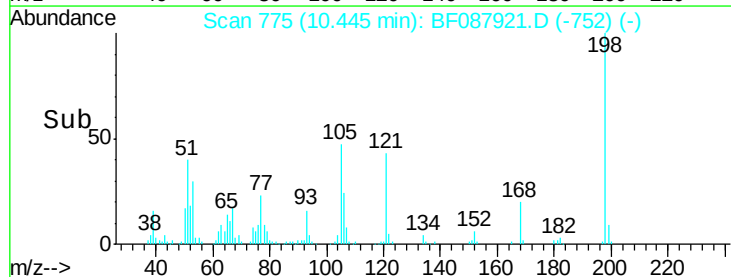
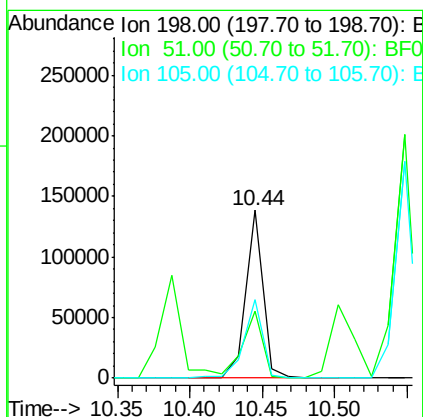
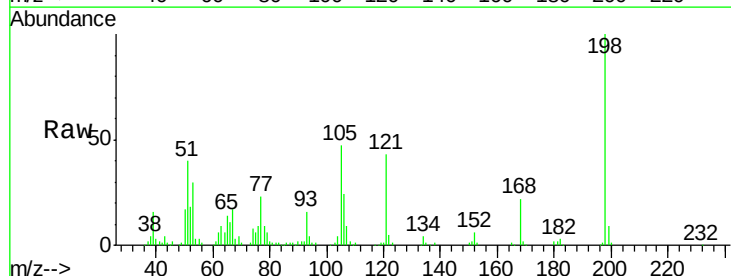
Manual Integrations
APPROVED

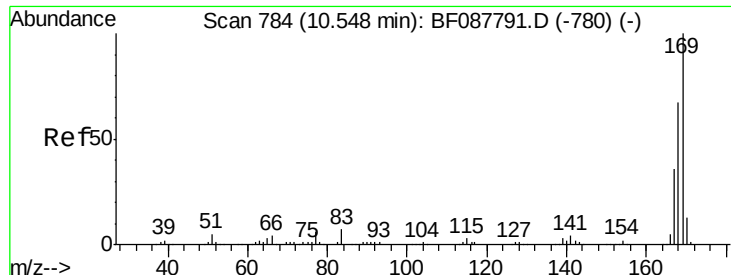
umangi
6/13/2016 7:44:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.52 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087921.D
Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114489		
51	39.8		39.6	79.6
105	46.8		36.6	76.6





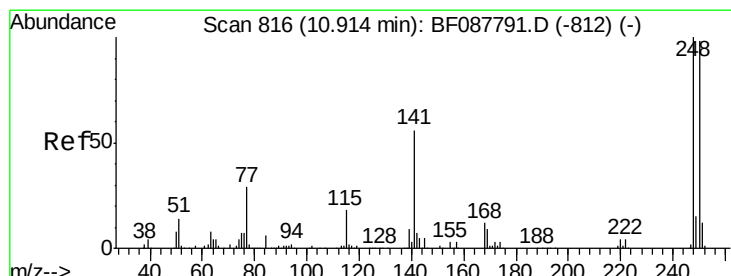
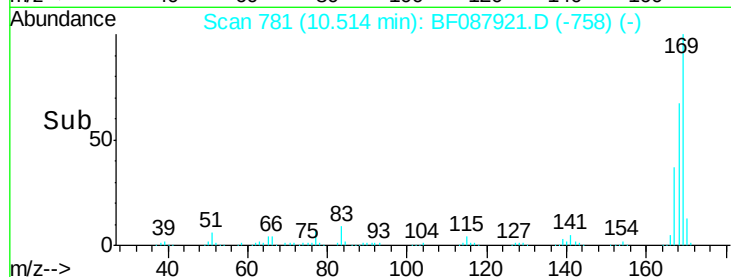
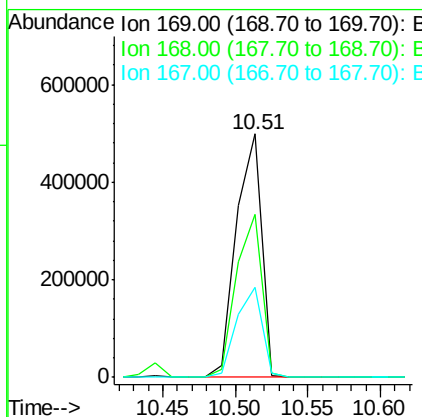
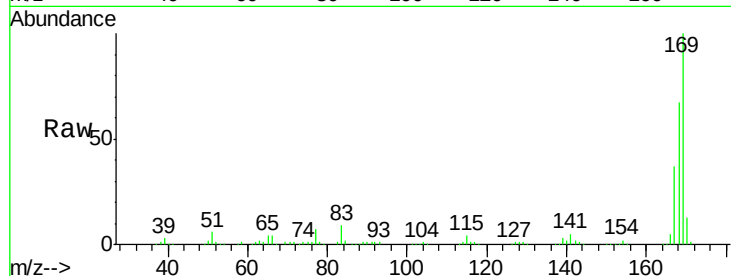
#65
 n-Nitrosodiphenylamine
 Concen: 40.85 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	603152		
168	67.0		53.4	80.0
167	36.9		29.4	44.0

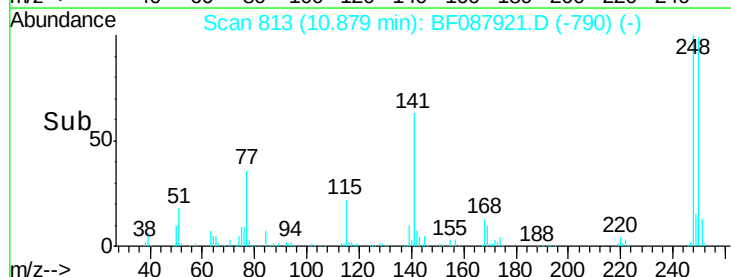
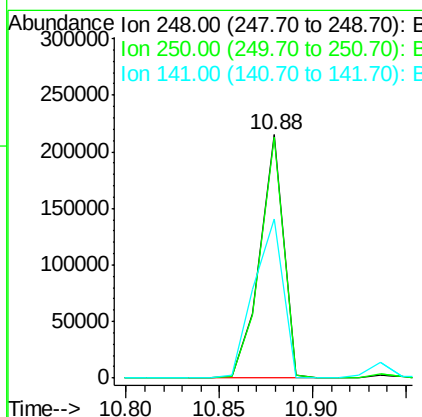
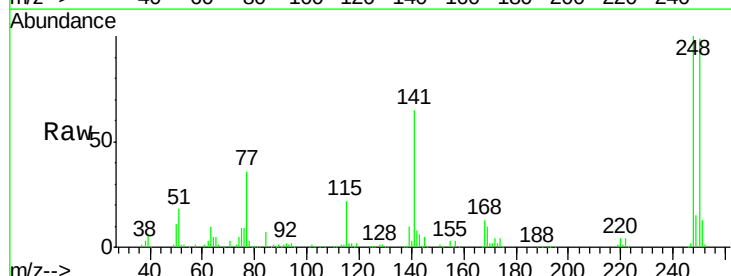
Manual Integrations
 APPROVED

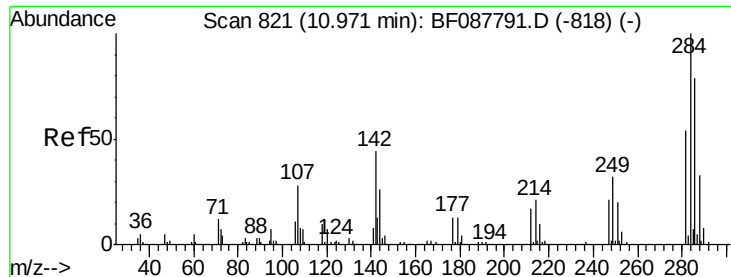
umangi
 6/13/2016 7:44:35 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.75 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189748		
250	98.9		77.1	115.7
141	65.1		50.6	76.0





#67

Hexachlorobenzene

Concen: 36.74 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

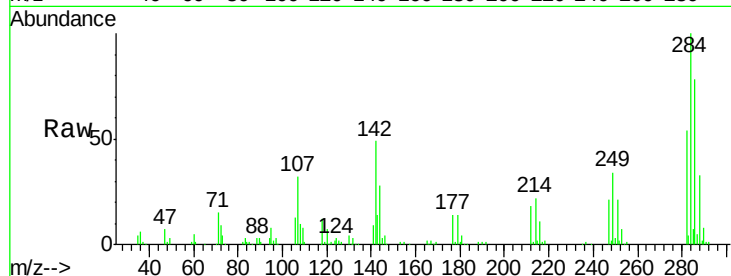
ClientSampleId :

SSTDCCC040EC

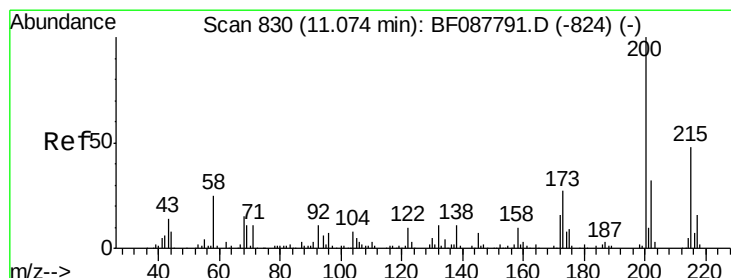
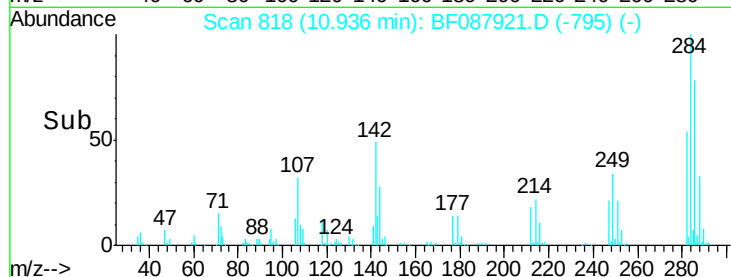
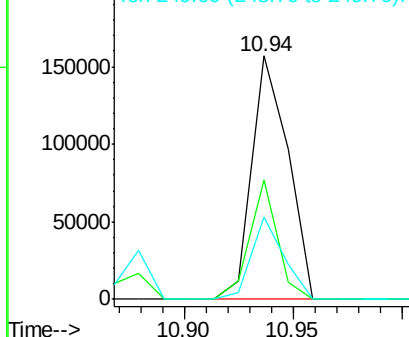
Tot Ion:	284	Resp:	182244
Ion Ratio	Lower	Upper	
284	100		
142	49.2	35.8	53.8
249	33.8	25.8	38.6

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



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



#68

Atrazine

Concen: 41.02 ng

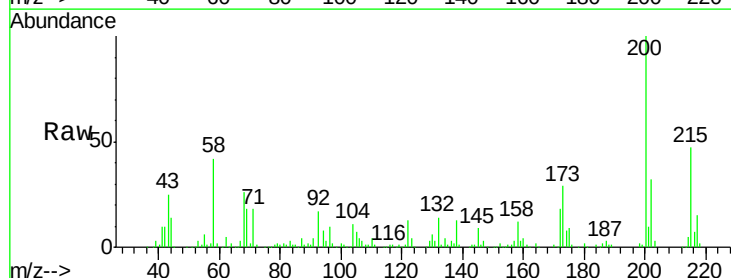
RT: 11.04 min Scan# 827

Delta R.T. -0.03 min

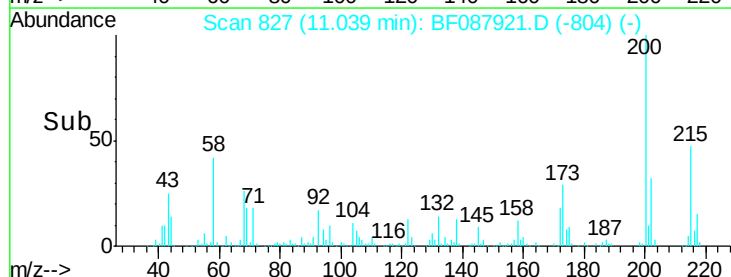
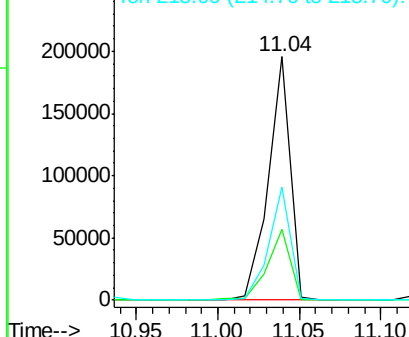
Lab File: BF087921.D

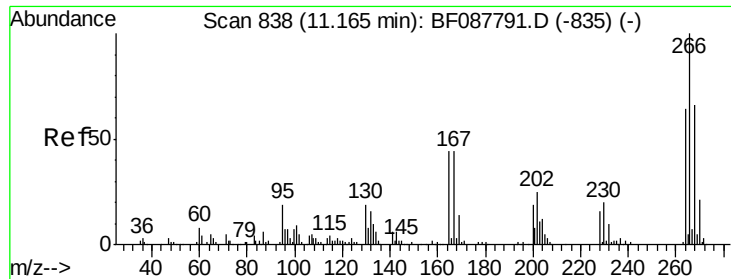
Acq: 12 Jun 2016 00:28

Tgt Ion:	200	Resp:	183407
Ion Ratio	Lower	Upper	
200	100		
173	29.2	4.0	44.0
215	46.6	29.3	69.3



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





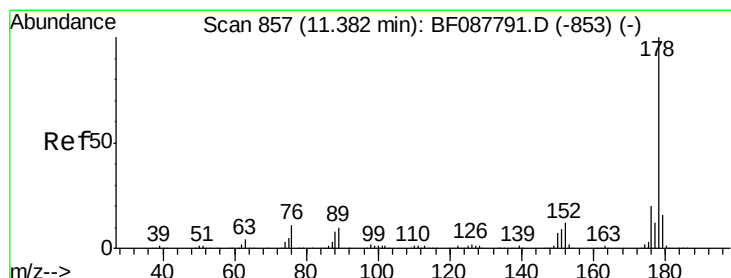
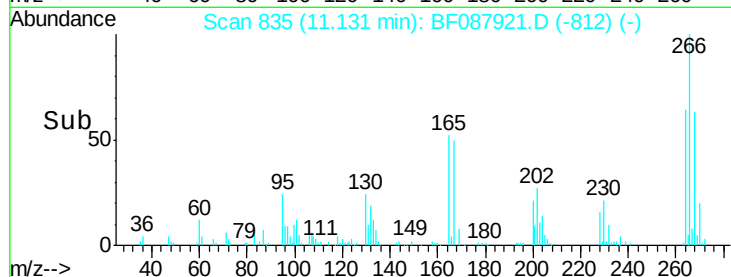
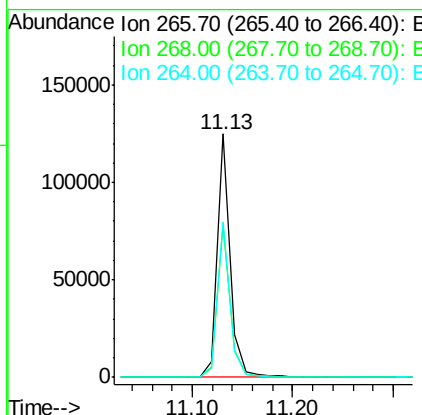
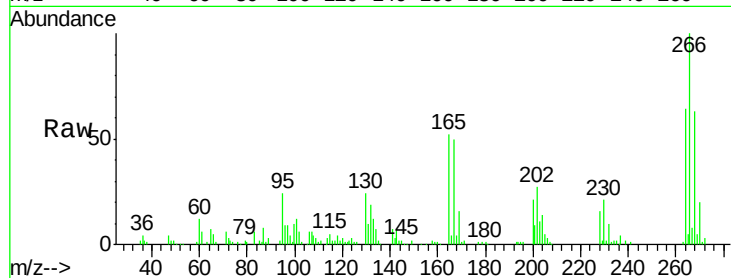
#69
 Pentachlorophenol
 Concen: 42.50 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	111107		
268	62.7	52.8	79.2	
264	63.9	49.6	74.4	

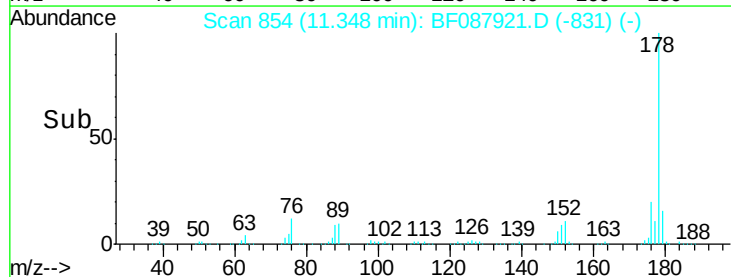
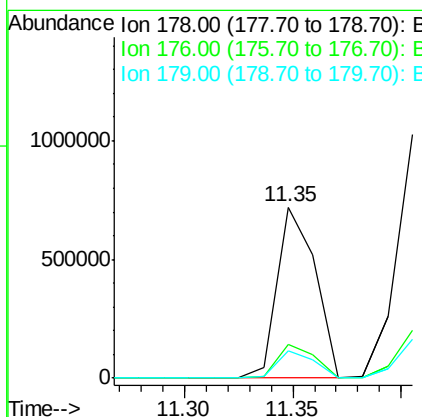
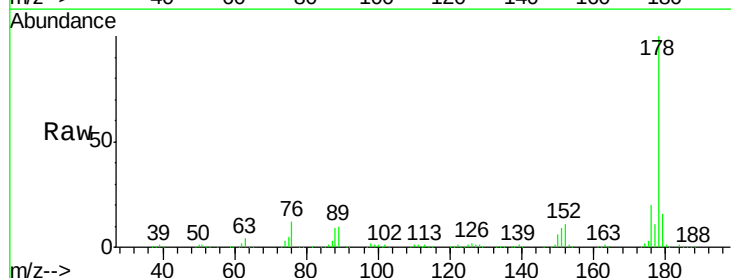
Manual Integrations
 APPROVED

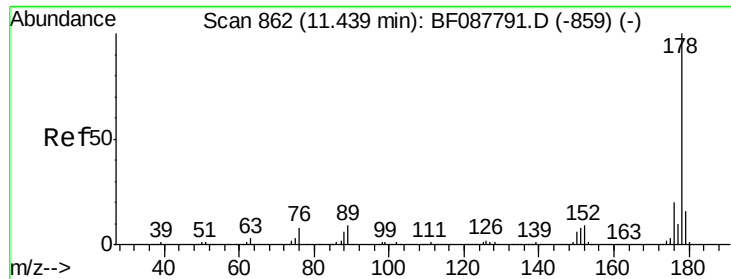
umangi
 6/13/2016 7:44:35 PM



#70
 Phenanthrene
 Concen: 37.87 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	884253		
176	19.7	15.8	23.6	
179	16.0	13.0	19.4	





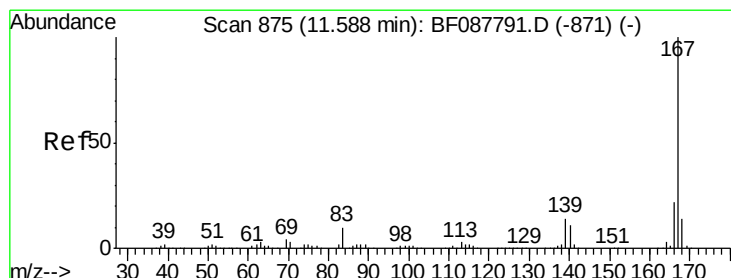
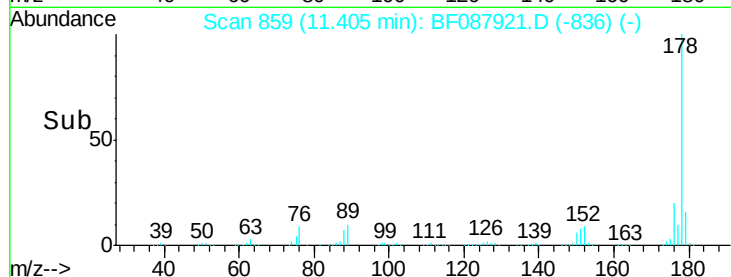
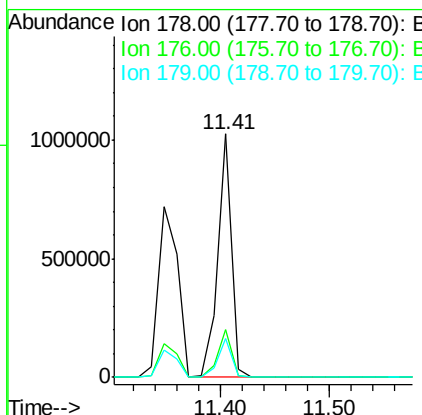
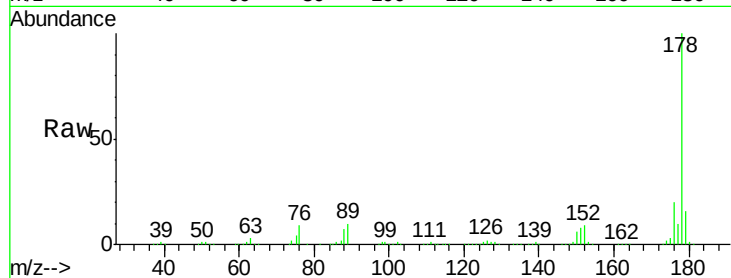
#71
 Anthracene
 Concen: 38.78 ng
 RT: 11.41 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.2	12.8	19.2

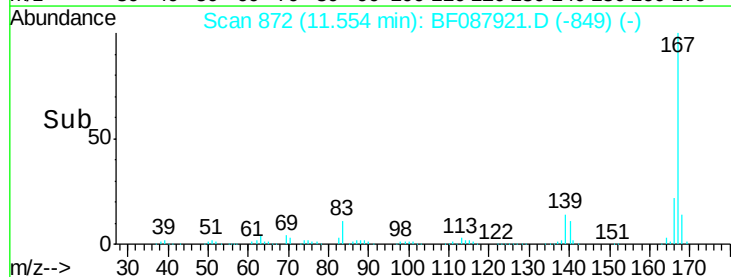
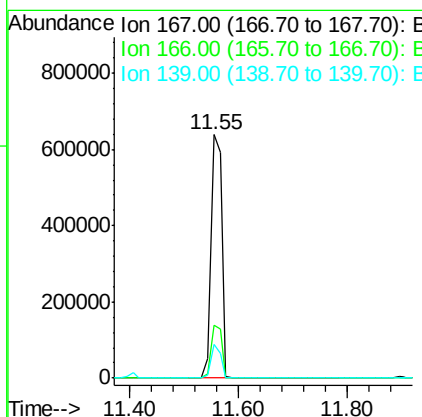
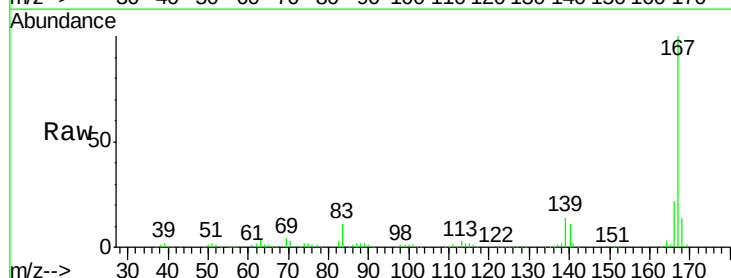
Manual Integrations
 APPROVED

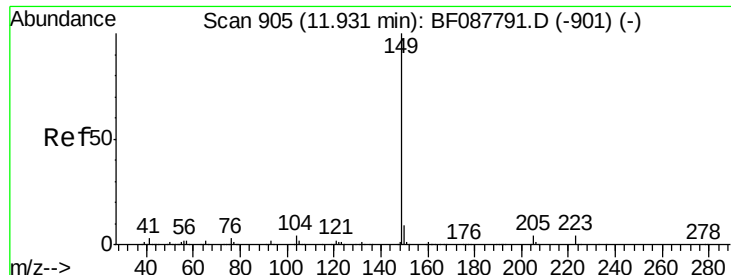
umangi
 6/13/2016 7:44:35 PM



#72
 Carbazole
 Concen: 40.47 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 35.36 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

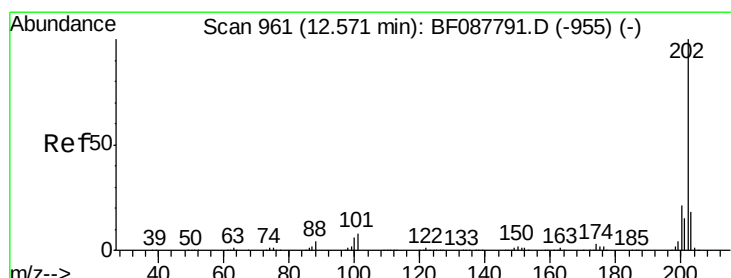
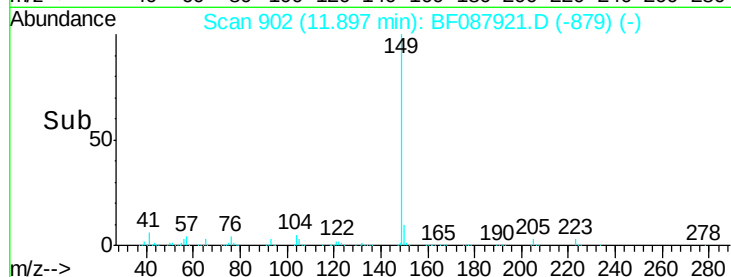
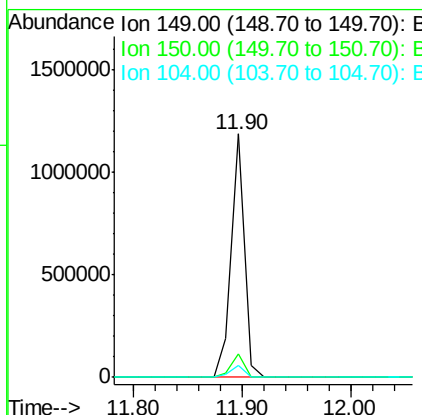
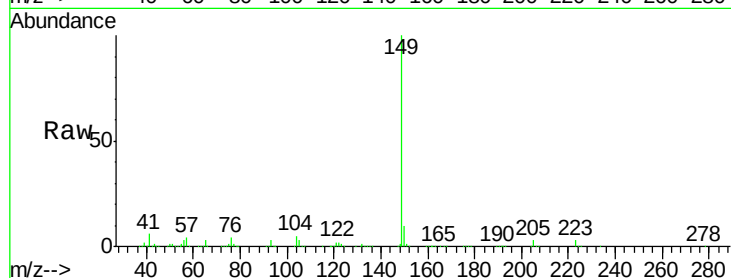
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	986488
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.9	4.0	6.0

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#74

Fluoranthene

Concen: 36.54 ng

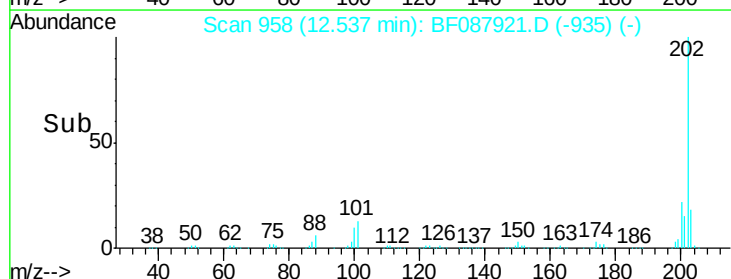
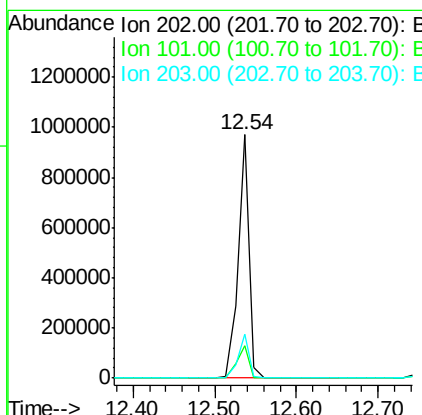
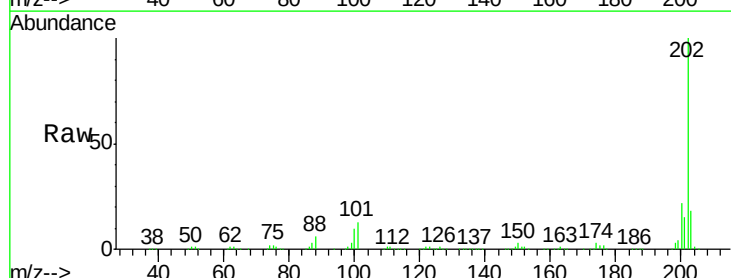
RT: 12.54 min Scan# 958

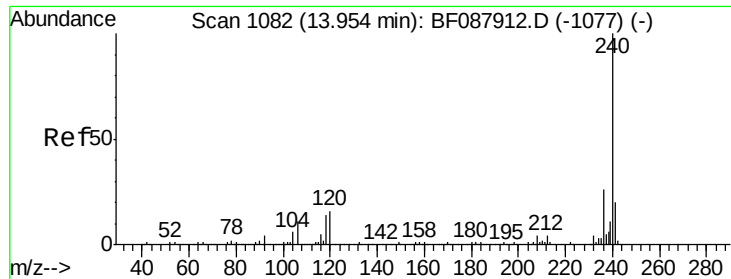
Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	202	Resp:	900395
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

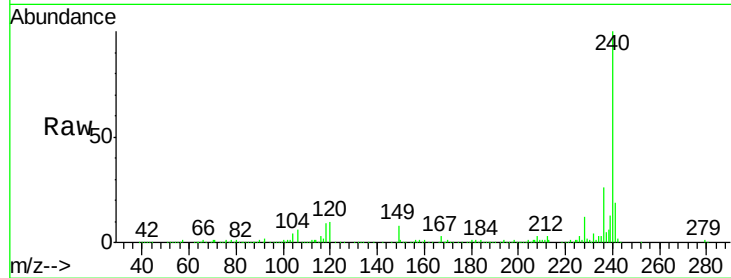
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	348338
Ion Ratio	Lower	Upper	
240	100		
120	9.9	6.8	10.2
236	26.2	20.2	30.2

Manual Integrations
APPROVED

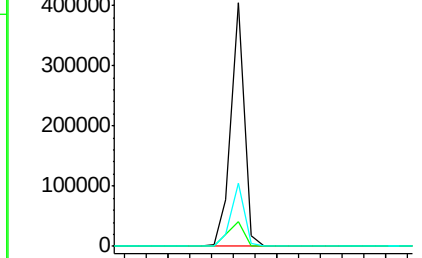
umangi
6/13/2016 7:44:35 PM



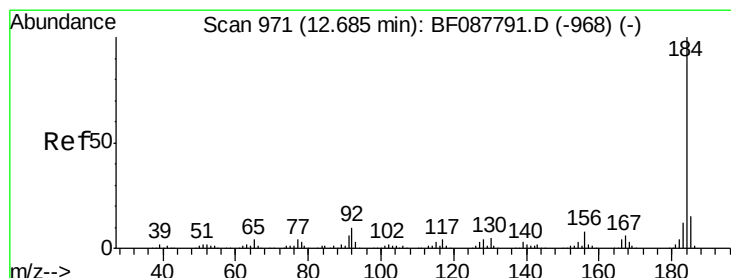
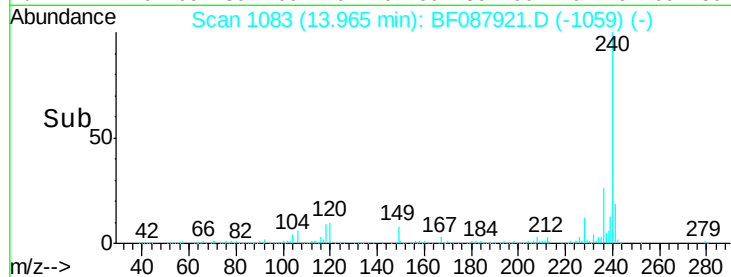
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 47.83 ng

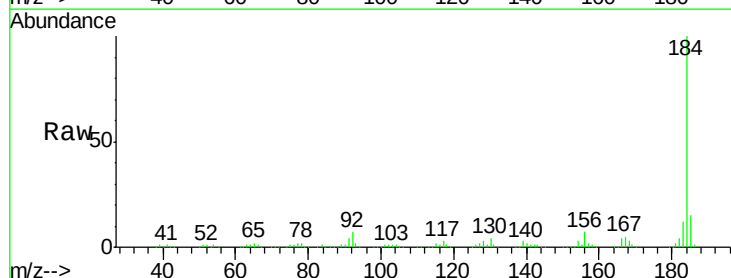
RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

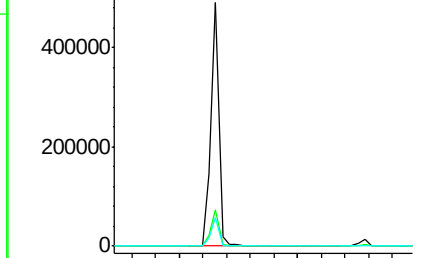
Tgt Ion:	184	Resp:	461283
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.5	18.7
183	11.7	9.3	13.9



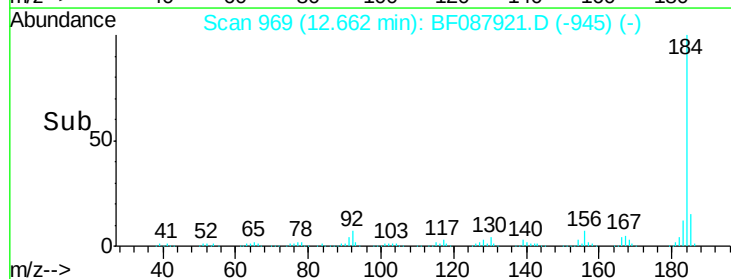
Abundance Ion 184.00 (183.70 to 184.70): E

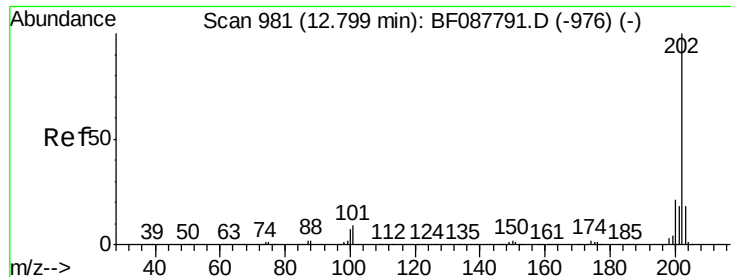
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 35.86 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

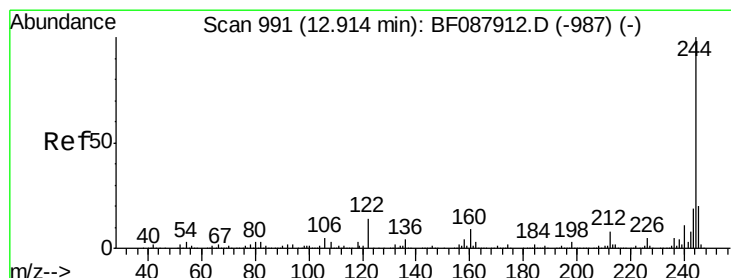
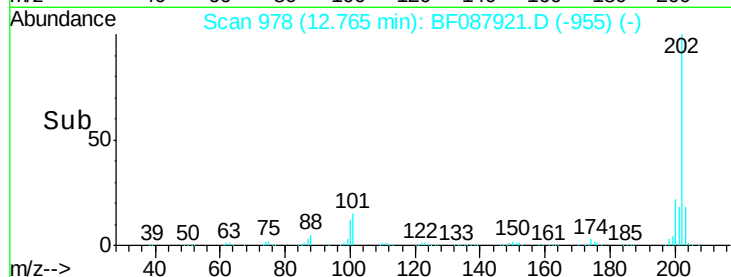
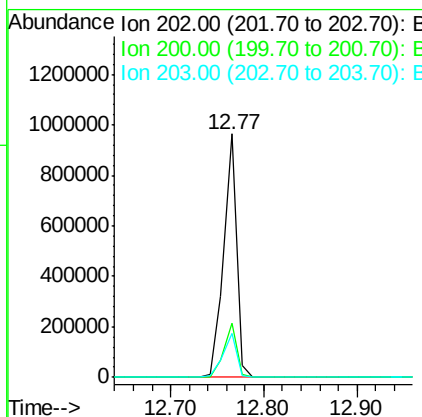
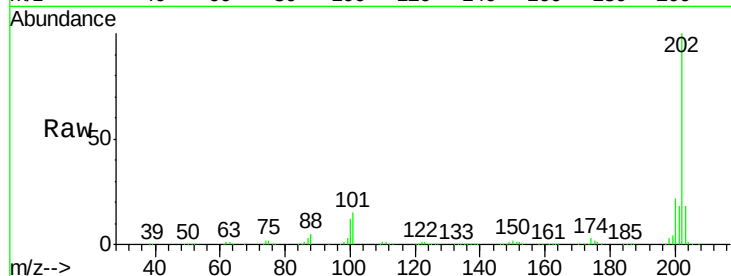
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	926883
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.2	14.5	21.7

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#78

Terphenyl-d14

Concen: 63.12 ng

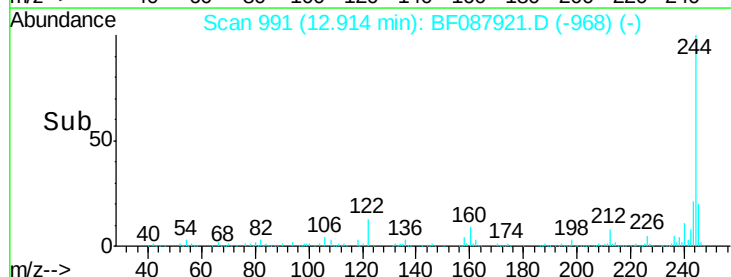
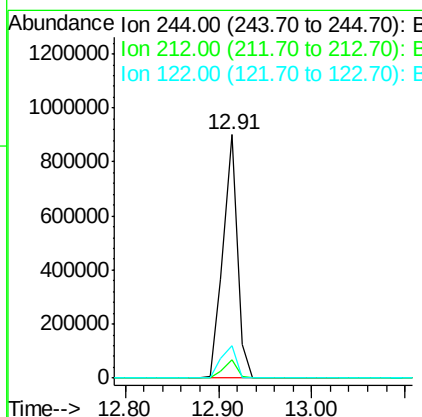
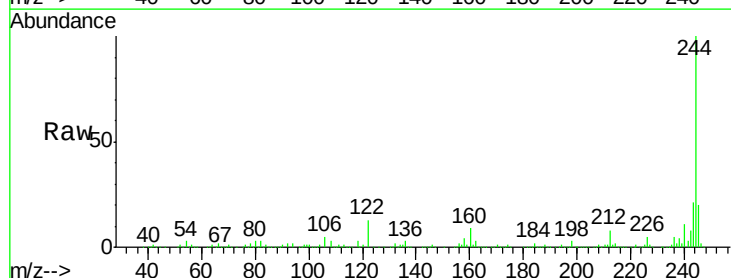
RT: 12.91 min Scan# 991

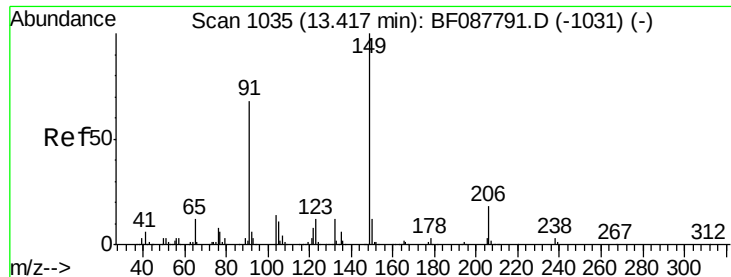
Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	244	Resp:	966284
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	13.5	11.2	16.8





#79

Butylbenzylphthalate

Concen: 41.21 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

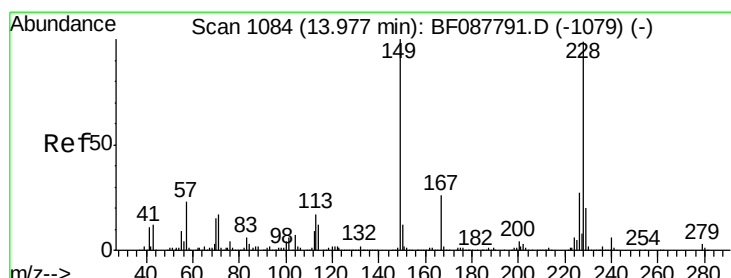
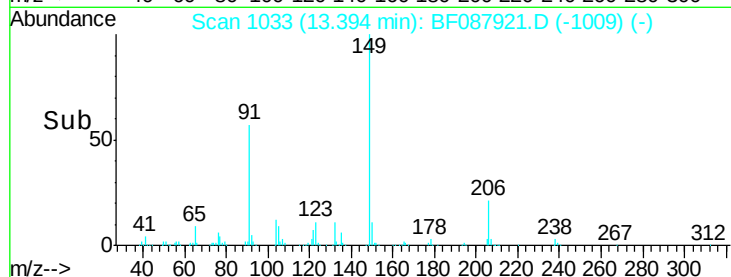
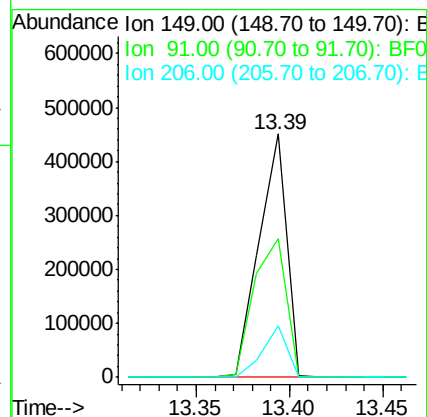
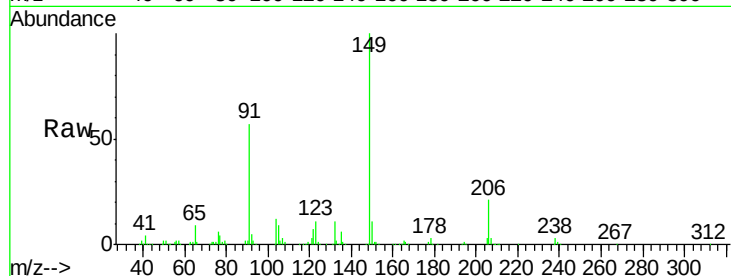
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	470938
Ion Ratio	Lower	Upper	
149	100		
91	57.1	48.0	72.0
206	21.1	16.0	24.0

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



#80

Benzo(a)anthracene

Concen: 35.13 ng

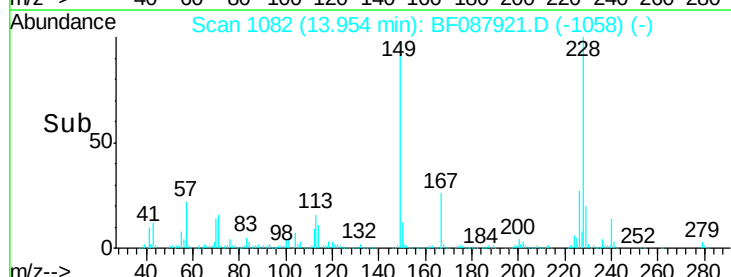
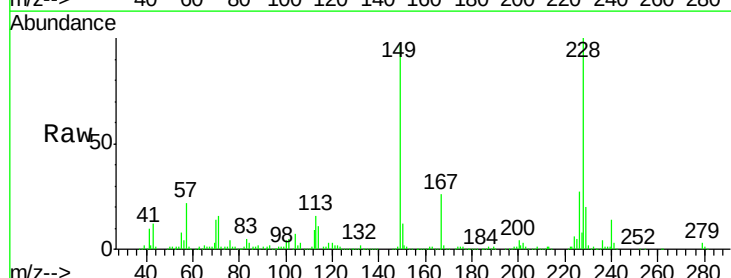
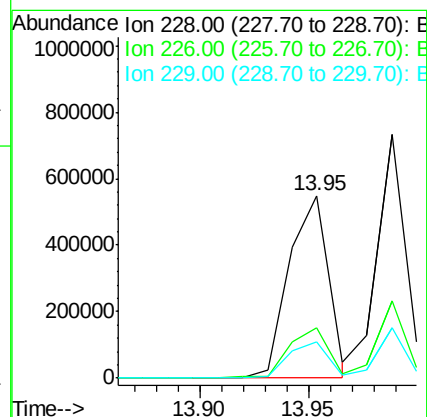
RT: 13.95 min Scan# 1082

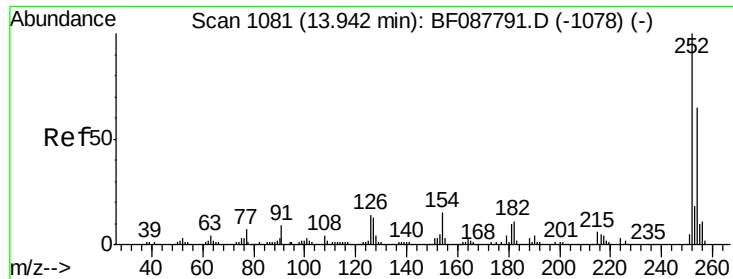
Delta R.T. -0.02 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	228	Resp:	697394
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.3	33.5
229	20.2	16.0	24.0





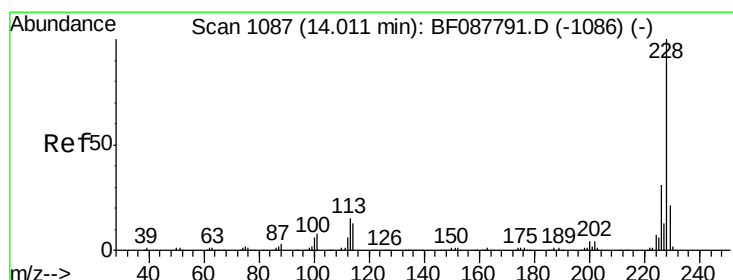
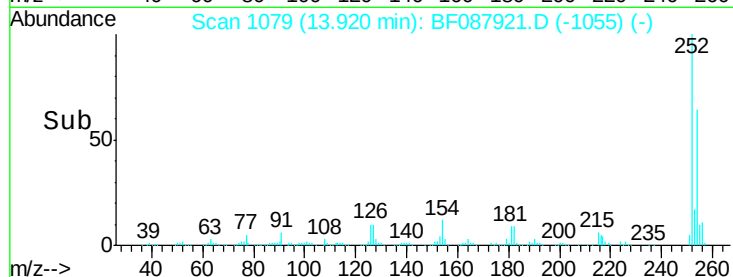
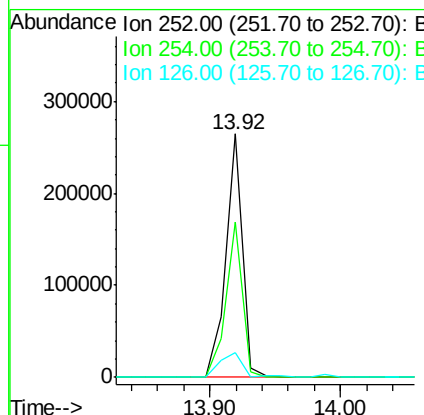
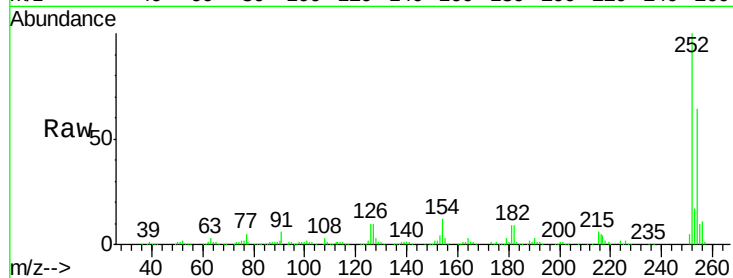
#81
 3,3'-Dichlorobenzidine
 Concen: 44.17 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	52.6	78.8
126	10.4	6.2	9.2

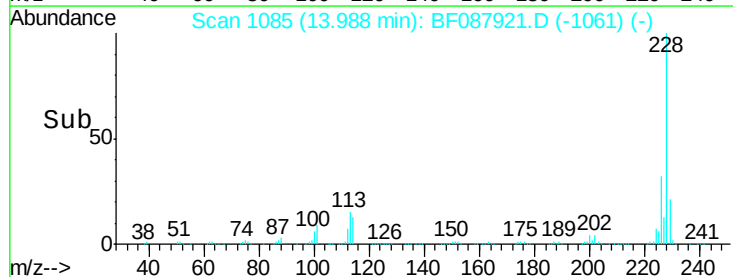
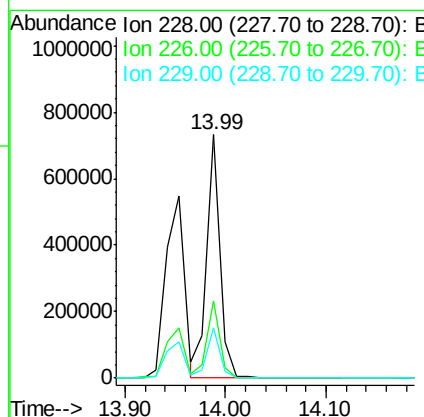
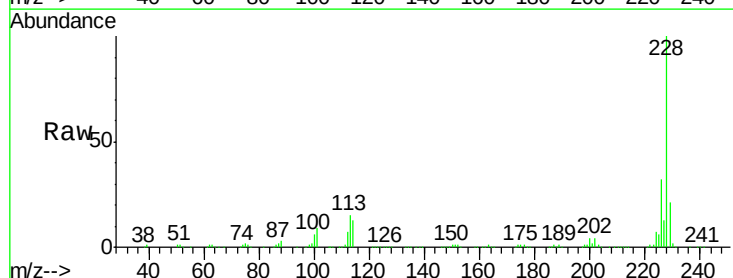
Manual Integrations
 APPROVED

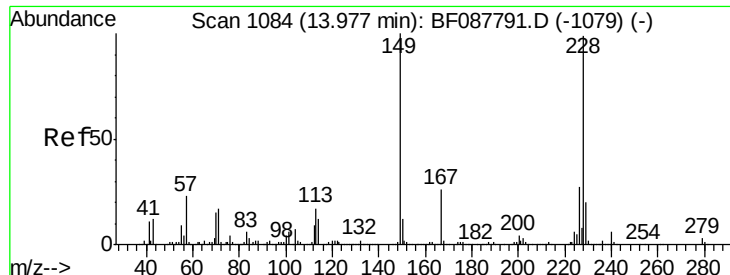
umangi
 6/13/2016 7:44:35 PM



#82
 Chrysene
 Concen: 36.08 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.4	38.2
229	20.7	16.3	24.5





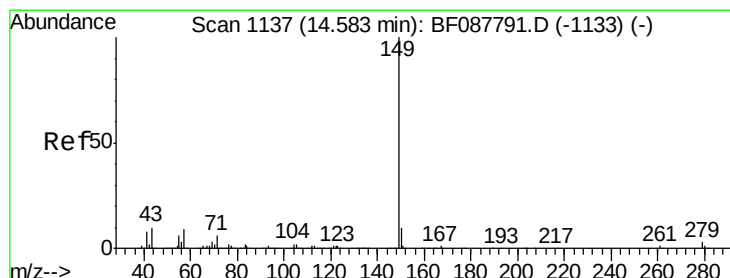
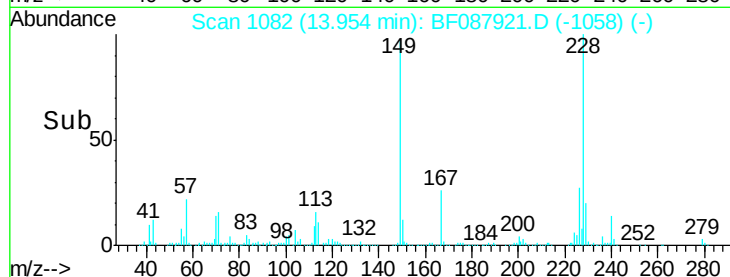
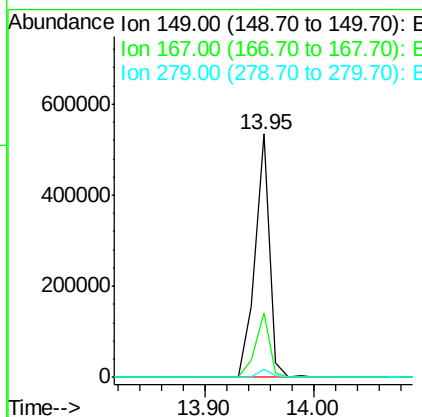
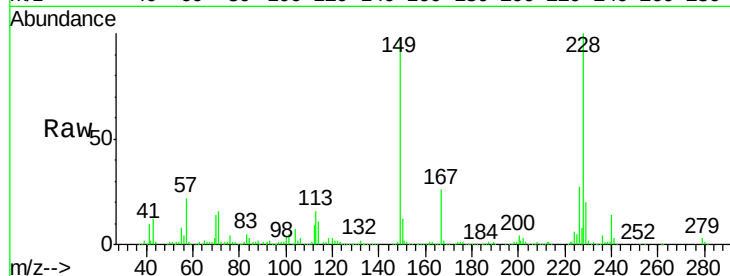
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.09 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	502015		
167	26.6	20.5	30.7	
279	3.2	2.0	3.0#	

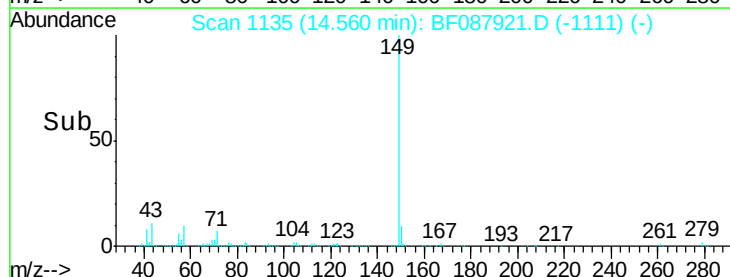
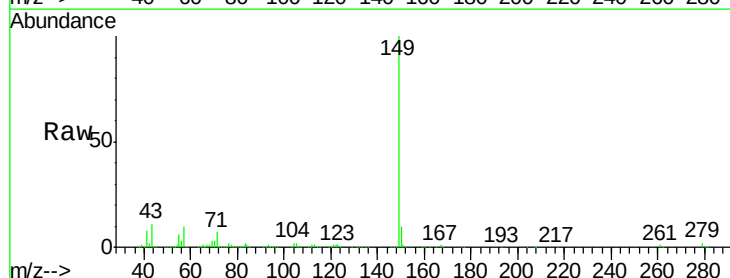
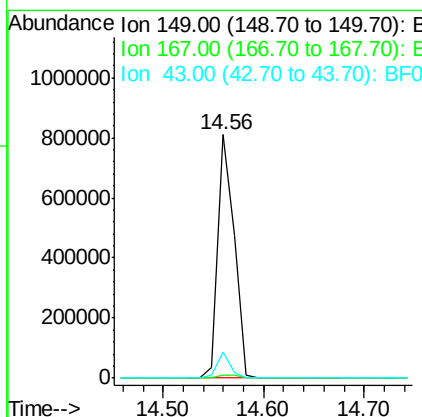
Manual Integrations
 APPROVED

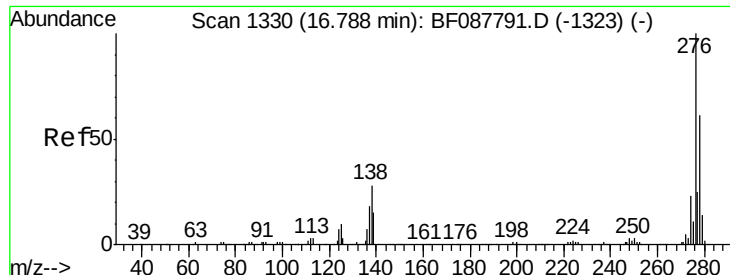
umangi
 6/13/2016 7:44:35 PM



#84
 Di-n-octyl phthalate
 Concen: 40.60 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	917729		
167	1.5	0.0	0.0#	
43	8.9	0.0	0.0#	





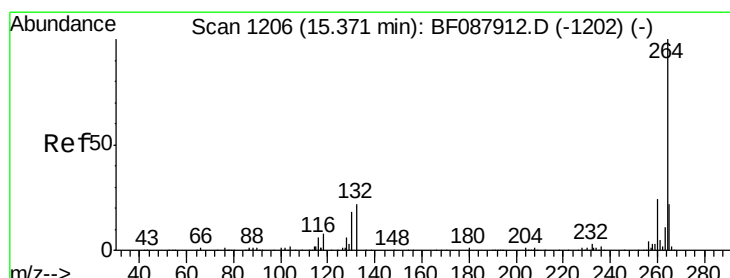
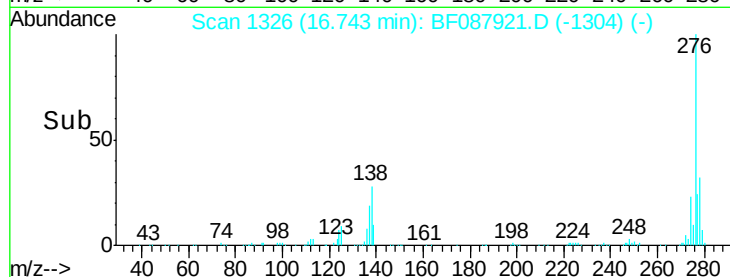
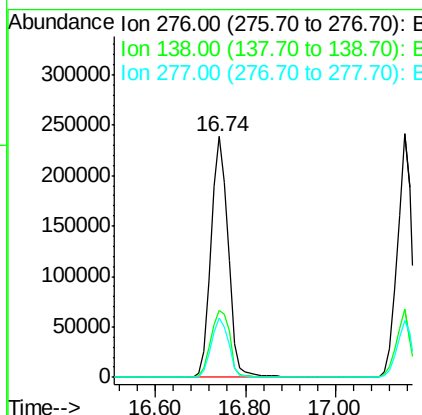
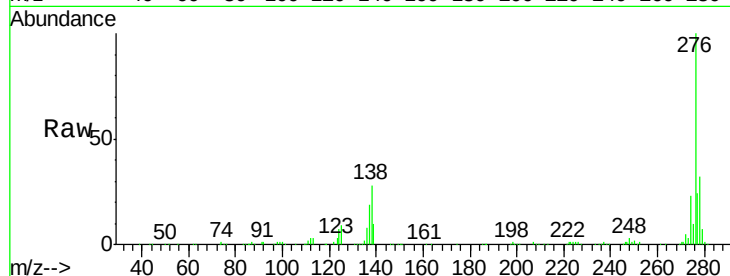
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.80 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	0.0	0.0#
277	25.1	0.0	0.0#

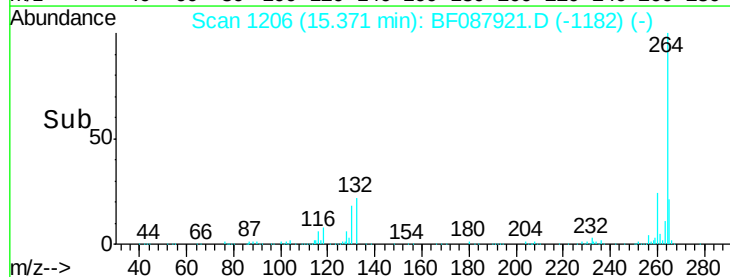
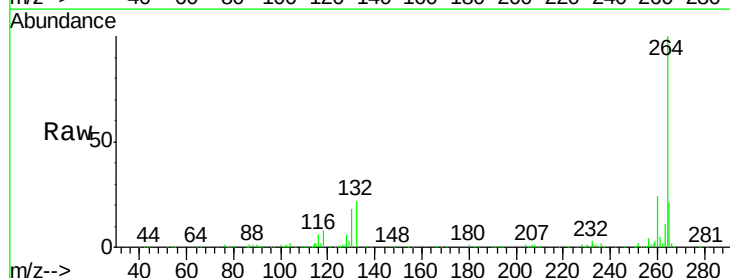
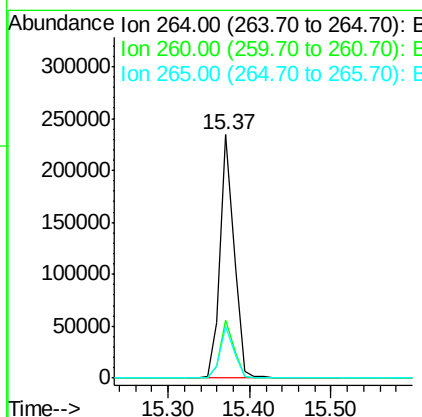
Manual Integrations
 APPROVED

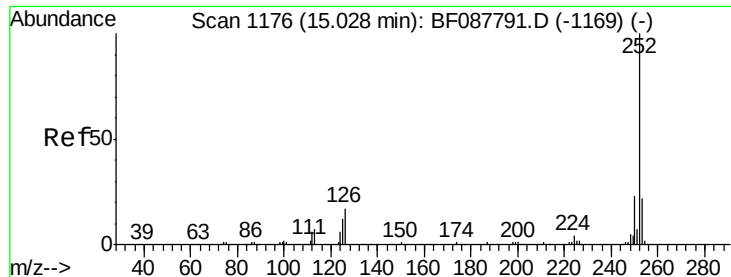
umangi
 6/13/2016 7:44:35 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 32.69 ng m

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

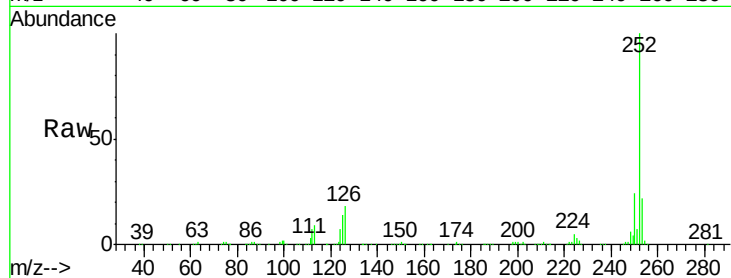
ClientSampleId :

SSTDCCC040EC

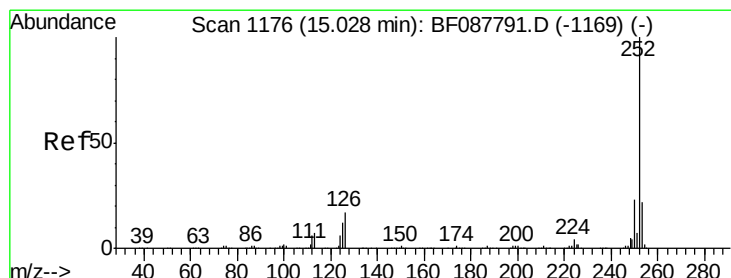
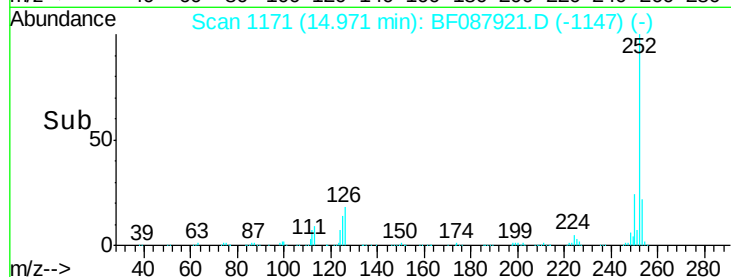
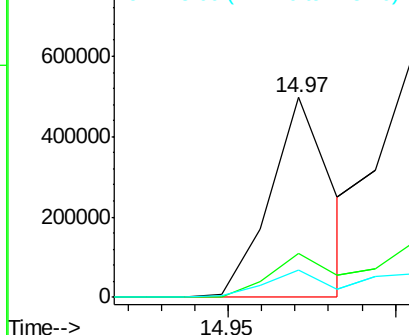
Tot Ion:	252	Resp:	634027
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.8	7.1	10.7#

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 PM



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



#88

Benzo(k)fluoranthene

Concen: 45.88 ng m

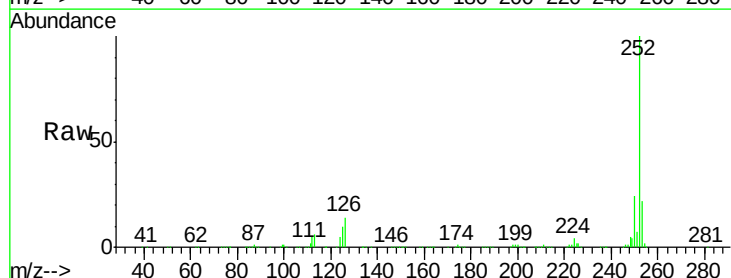
RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

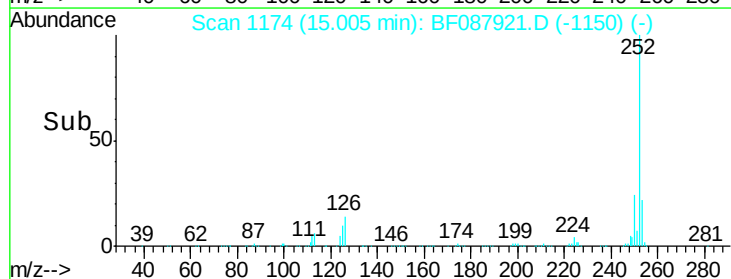
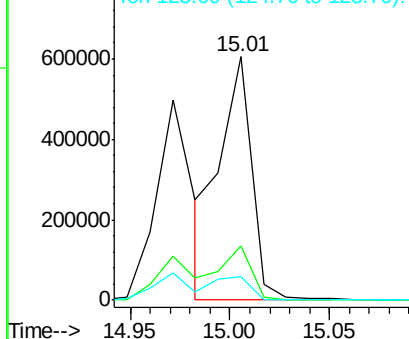
Lab File: BF087921.D

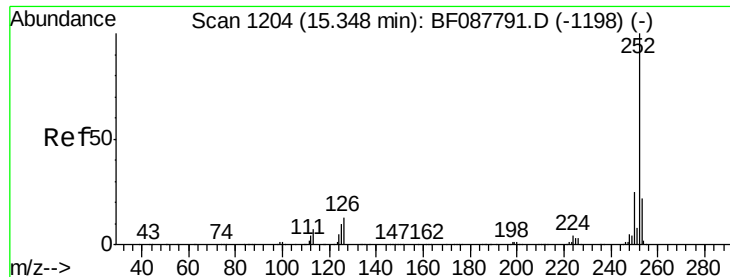
Acq: 12 Jun 2016 00:28

Tgt Ion:	252	Resp:	671148
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.8	11.2	16.8#



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





#89

Benzo(a)pyrene

Concen: 39.47 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Instrument :

BNA_F

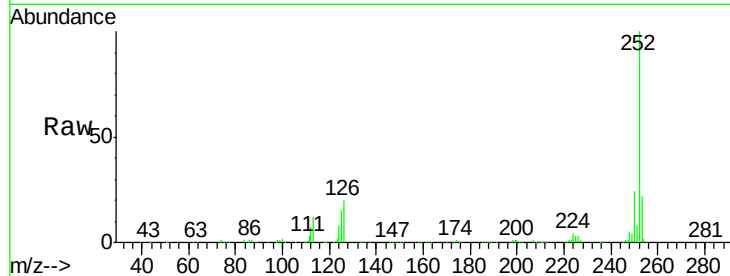
ClientSampleId :

SSTDCCC040EC

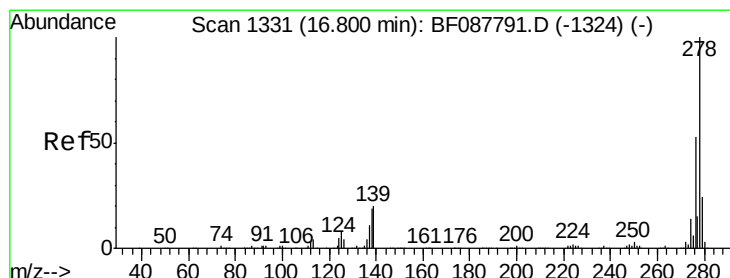
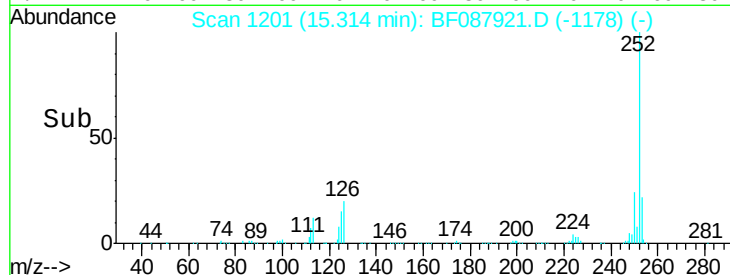
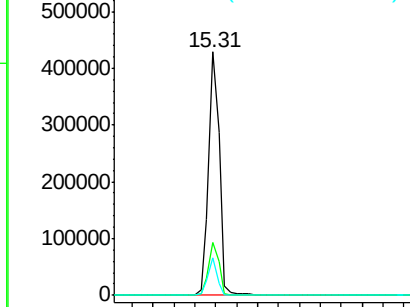
Tot Ion:	252	Resp:	619233
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	15.2	12.5	18.7

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:35 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: 36.00 ng

RT: 16.77 min Scan# 1328

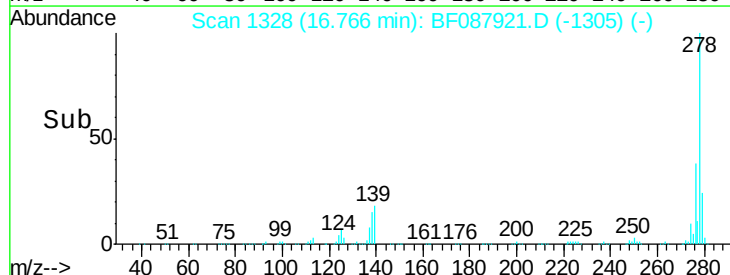
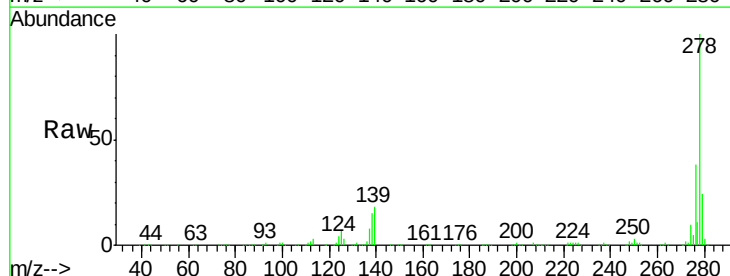
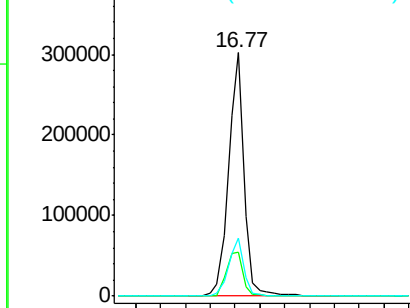
Delta R.T. -0.03 min

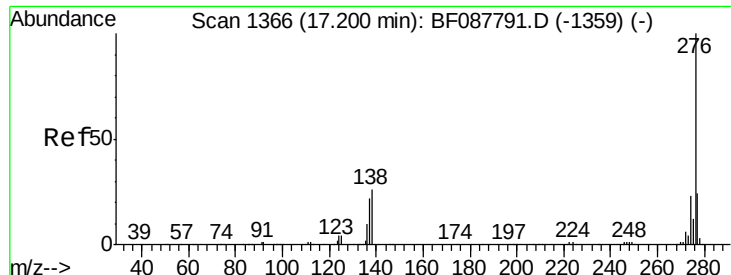
Lab File: BF087921.D

Acq: 12 Jun 2016 00:28

Tgt Ion:	278	Resp:	524676
Ion Ratio	Lower	Upper	
278	100		
139	18.2	15.7	23.5
279	23.8	19.4	29.2

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





#91
 Benzo(a,h,i)perylene
 Concen: 36.27 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087921.D
 Acq: 12 Jun 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	543656
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	28.1	21.4	32.2

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:35 PM

