

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087923.D
 Acq On : 12 Jun 2016 2:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM

Quant Time: Jun 12 05:59:35 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	119765	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	502893	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	250851	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	442967	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	321895	20.00	ng	-0.02
86) Perylene-d12	15.37	264	244492	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	511235	72.97	ng	-0.05
7) Phenol-d6	6.44	99	726512	85.57	ng	-0.03
23) Nitrobenzene-d5	7.37	82	650500	75.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	188366	71.12	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1224337	76.09	ng	-0.03
78) Terphenyl-d14	12.91	244	865750	61.20	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	136564	40.12	ng	# 38
3) Pyridine	3.04	79	308298	38.36	ng	95
4) n-Nitrosodimethylamine	2.99	42	118978	34.95	ng	88
6) Aniline	6.47	93	492002	40.71	ng	98
8) 2-Chlorophenol	6.58	128	315693	38.07	ng	100
9) Benzaldehyde	6.34	77	195716	35.40	ng	91
10) Phenol	6.46	94	422930	48.44	ng	73
11) bis(2-Chloroethyl)ether	6.55	93	312252	41.94	ng	# 82
12) 1,3-Dichlorobenzene	6.74	146	343579	38.62	ng	97
13) 1,4-Dichlorobenzene	6.82	146	361708	40.36	ng	98
14) 1,2-Dichlorobenzene	6.97	146	306474m	37.60	ng	
15) Benzyl Alcohol	6.95	79	242009	36.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	404237	40.19	ng	89
17) 2-Methylphenol	7.06	107	269188	40.03	ng	98
18) Hexachloroethane	7.31	117	122274	38.45	ng	# 83
19) n-Nitroso-di-n-propylamine	7.23	70	239990	44.18	ng	# 84
20) 3+4-Methylphenols	7.22	107	285631	36.40	ng	# 79
22) Acetophenone	7.22	105	419294	37.31	ng	# 90
24) Nitrobenzene	7.39	77	357957	42.91	ng	93
25) Isophorone	7.63	82	616331	38.64	ng	99
26) 2-Nitrophenol	7.71	139	189598	42.43	ng	# 71
27) 2,4-Dimethylphenol	7.75	122	311297	37.83	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	412787	41.72	ng	98
29) 2,4-Dichlorophenol	7.95	162	290252	42.25	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	275009	36.76	ng	99
31) Naphthalene	8.11	128	891989	35.84	ng	100
32) Benzoic acid	7.88	122	191788	42.33	ng	95
33) 4-Chloroaniline	8.17	127	459561	41.35	ng	# 92
34) Hexachlorobutadiene	8.24	225	154247	39.10	ng	98
35) Caprolactam	8.55	113	90044	39.57	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	290716	39.57	ng	99
37) 2-Methylnaphthalene	8.81	142	655627	39.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	247410	35.26	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	134118	33.15	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087923.D
 Acq On : 12 Jun 2016 2:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM

Quant Time: Jun 12 05:59:35 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	195274	38.93	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	192253	36.84	nq	# 85
45) 1,1'-Biphenyl	9.27	154	726657	37.57	nq	99
46) 2-Chloronaphthalene	9.29	162	587295	36.18	nq	100
47) 2-Nitroaniline	9.39	65	203005	42.39	nq	# 77
48) Acenaphthylene	9.71	152	979759	37.95	nq	99
49) Dimethylphthalate	9.58	163	628741	34.60	nq	99
50) 2,6-Dinitrotoluene	9.63	165	145768	35.03	nq	# 64
51) Acenaphthene	9.88	154	628862	39.04	nq	100
52) 3-Nitroaniline	9.80	138	198740	41.39	nq	91
53) 2,4-Dinitrophenol	9.91	184	84199	42.65	nq	# 85
54) Dibenzofuran	10.06	168	884697	39.88	nq	96
55) 4-Nitrophenol	9.96	139	156598	42.02	nq	# 84
56) 2,4-Dinitrotoluene	10.03	165	191219	35.75	nq	# 61
57) Fluorene	10.40	166	623586	41.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162318	39.58	nq	# 53
59) Diethylphthalate	10.27	149	665546	36.18	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	251421	34.08	nq	99
61) 4-Nitroaniline	10.42	138	192545	42.27	nq	85
62) Azobenzene	10.55	77	690880	37.98	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	112859	41.13	nq	82
65) n-Nitrosodiphenylamine	10.51	169	604456	41.12	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	188750	39.72	nq	100
67) Hexachlorobenzene	10.94	284	181196	36.70	nq	94
68) Atrazine	11.04	200	182217	40.94	nq	93
69) Pentachlorophenol	11.13	266	110218	42.35	nq	97
70) Phenanthrene	11.35	178	907765	39.05	nq	100
71) Anthracene	11.40	178	960278	40.96	nq	100
72) Carbazole	11.55	167	875296	39.89	nq	100
73) Di-n-butylphthalate	11.90	149	1031180	37.13	nq	100
74) Fluoranthene	12.54	202	815853	33.26	nq	100
76) Benzidine	12.66	184	406052	45.56	nq	99
77) Pyrene	12.77	202	846273	35.43	nq	99
79) Butylbenzylphthalate	13.39	149	417265	39.51	nq	93
80) Benzo(a)anthracene	13.95	228	641281	34.96	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	204916	41.54	nq	# 98
82) Chrysene	13.99	228	619915	35.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	487931	37.95	nq	# 98
84) Di-n-octyl phthalate	14.56	149	878132	42.04	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	567039	35.37	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	584328	34.29	nq	# 96
88) Benzo(k)fluoranthene	15.01	252	600430m	46.71	nq	
89) Benzo(a)pyrene	15.31	252	539831	39.15	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	467062	36.47	nq	95
91) Benzo(g,h,i)perylene	17.15	276	504840	38.33	nq	99

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087923.D
Acq On    : 12 Jun 2016    2:25
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1

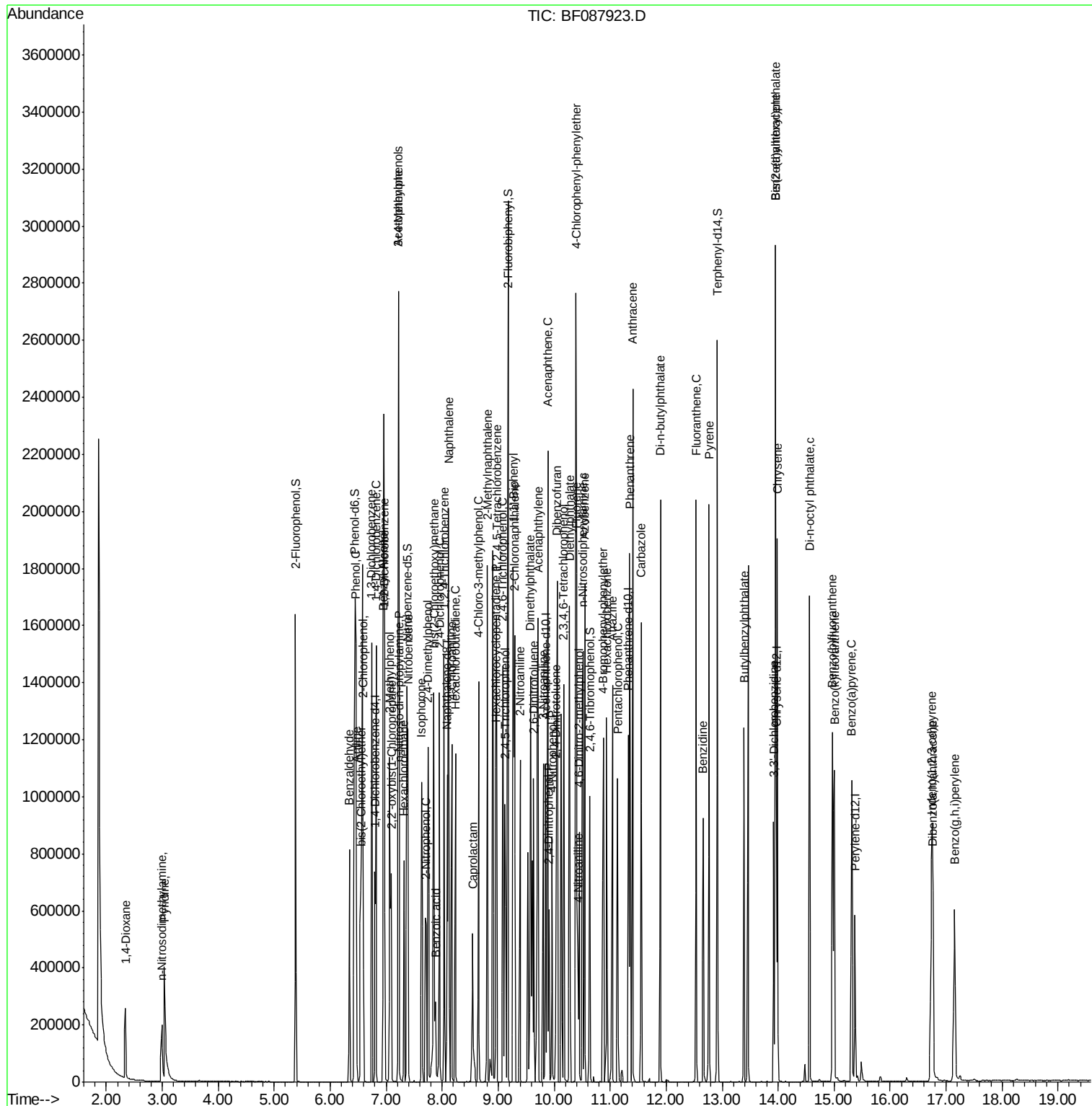
```

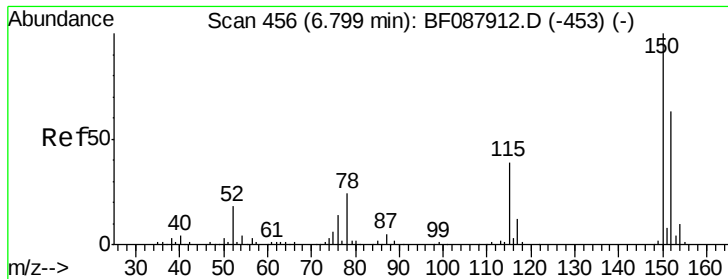
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

umangi
6/13/2016 7:44:42 PM

Quant Time: Jun 12 05:59:35 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

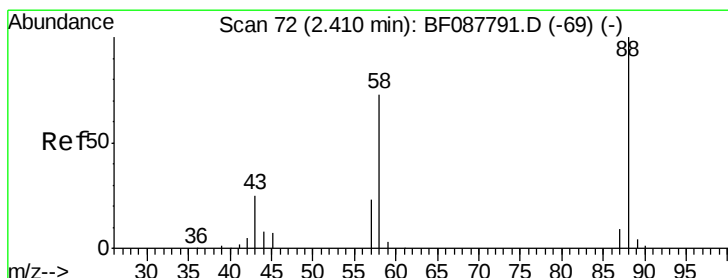
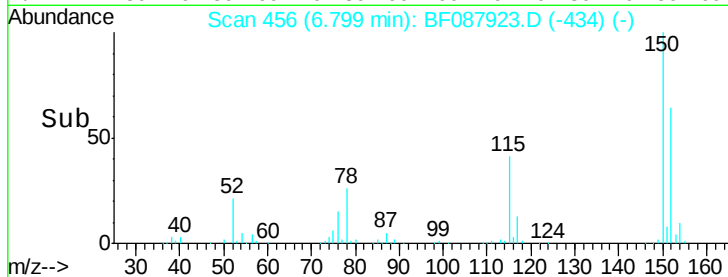
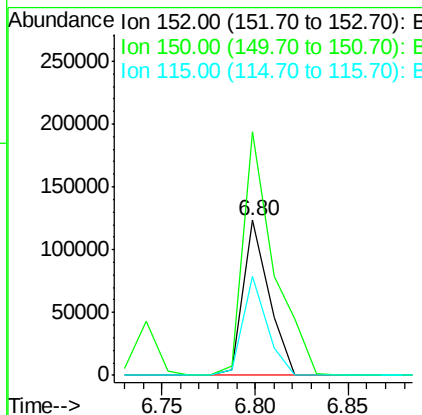
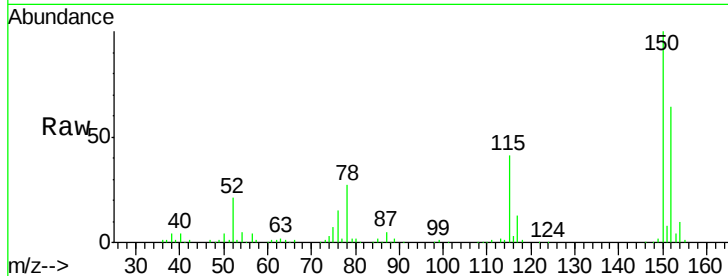
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	64.4	39.6	59.4

Manual Integrations
APPROVED

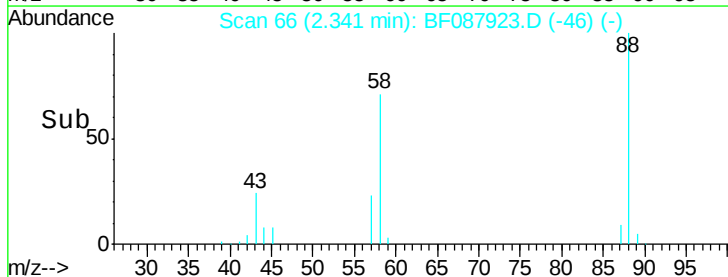
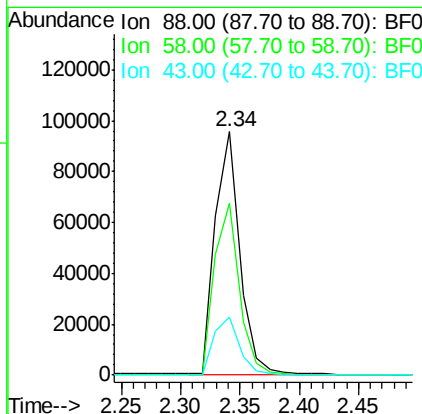
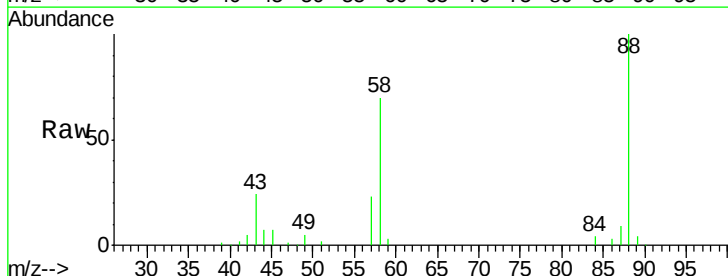
umangi
6/13/2016 7:44:42 PM

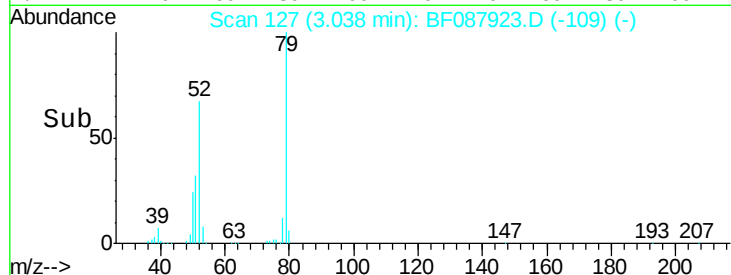
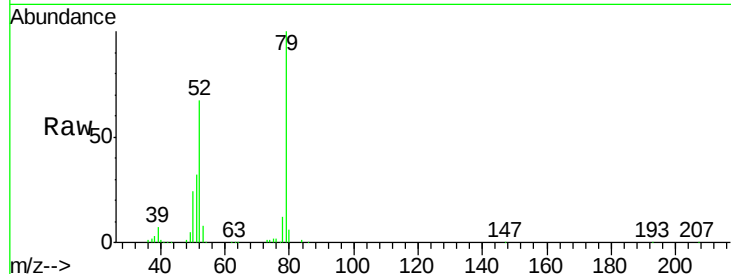
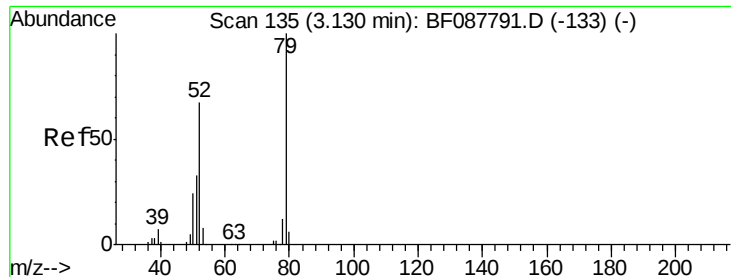


#2

1,4-Dioxane
Concen: 40.12 ng
RT: 2.34 min Scan# 66
Delta R.T. -0.07 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	0.0	0.0
43	24.8	3.4	5.2





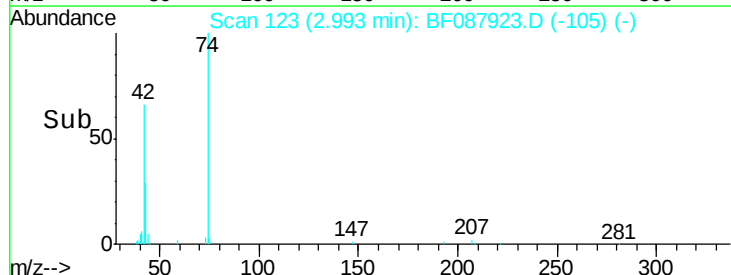
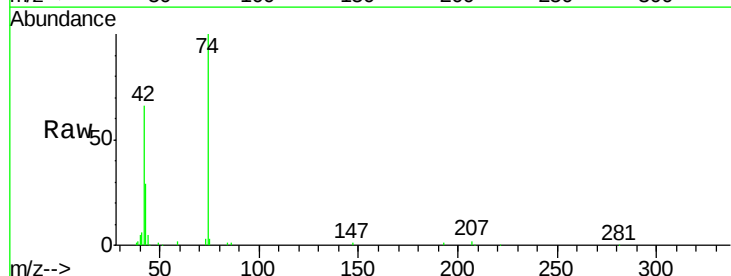
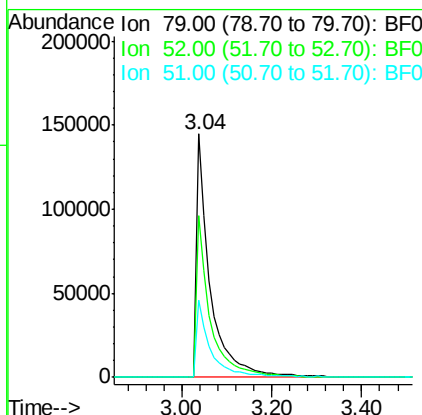
#3
 Pvridine
 Concen: 38.36 ng
 RT: 3.04 min Scan# 127
 Delta R.T. -0.09 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	308298		
52	52	66.5		56.3	84.5
51	51	31.9		27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

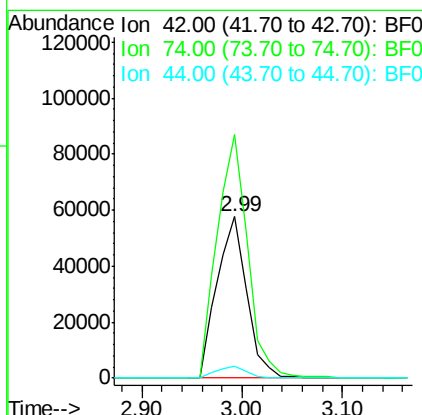
Manual Integrations
 APPROVED

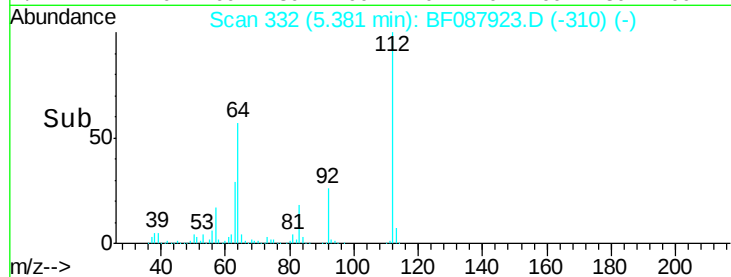
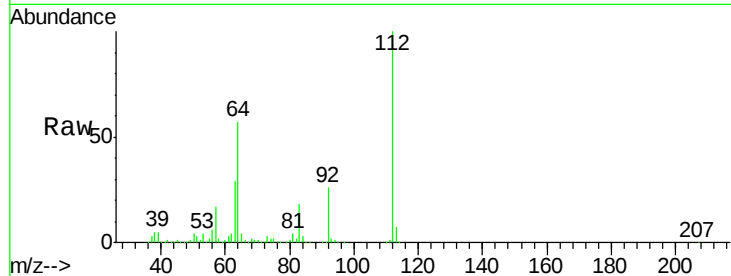
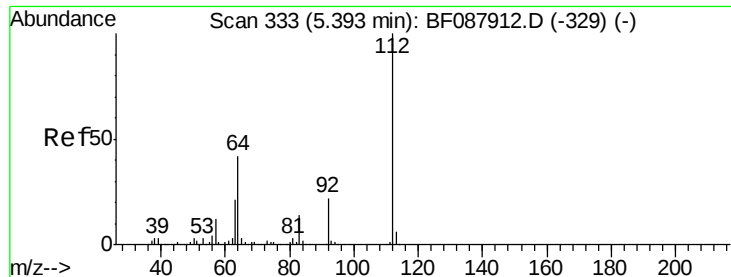
umangi
 6/13/2016 7:44:42 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.95 ng
 RT: 2.99 min Scan# 123
 Delta R.T. -0.09 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	118978		
74	74	150.8		108.6	163.0
44	44	7.2		5.5	8.3





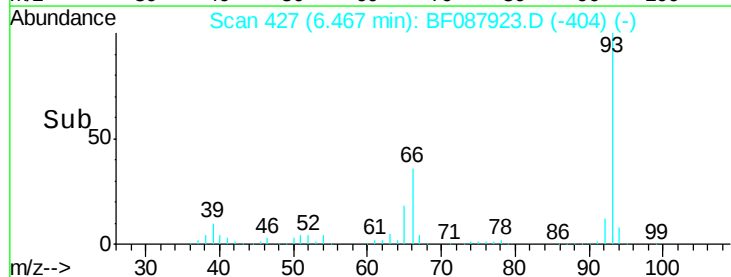
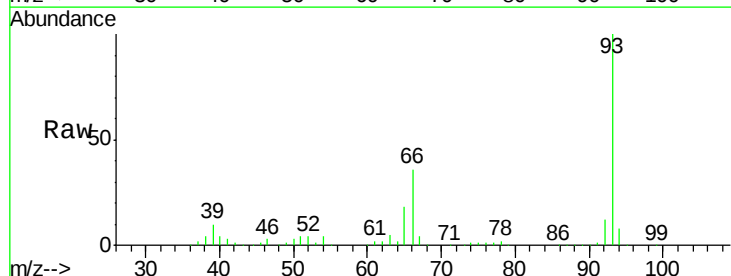
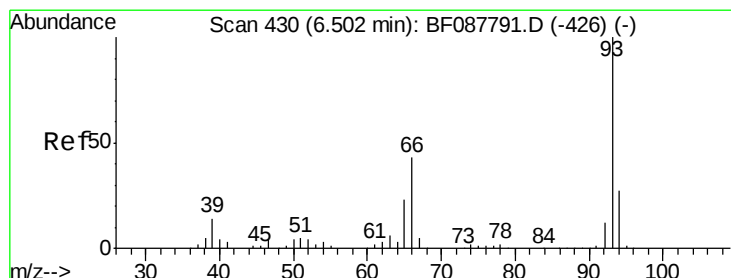
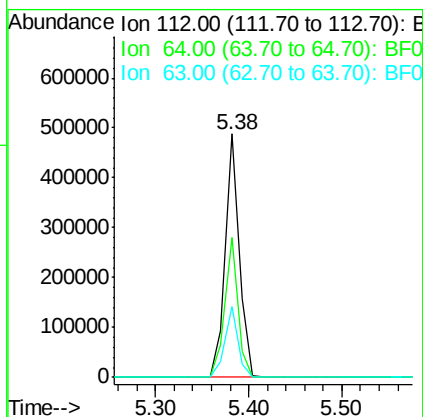
#5
2-Fluorophenol
Concen: 72.97 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.3	42.2	63.2
63	29.3	21.8	32.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

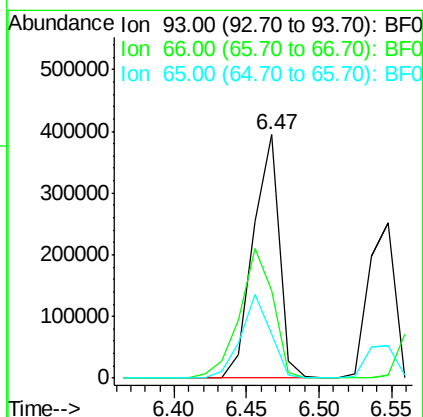
Manual Integrations
APPROVED

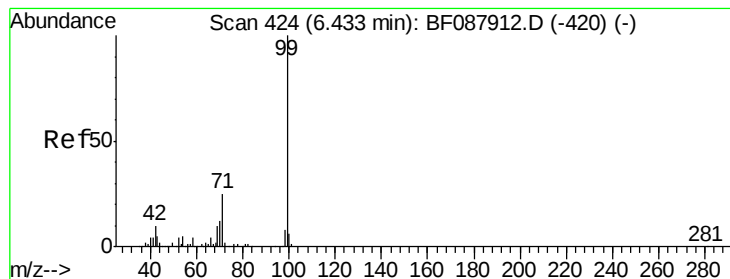
umangi
6/13/2016 7:44:42 PM



#6
Aniline
Concen: 40.71 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.0	29.8	44.8
65	18.0	14.9	22.3





#7

Phenol-d6

Concen: 85.57 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

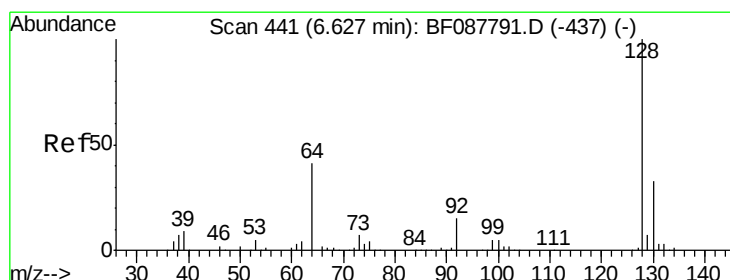
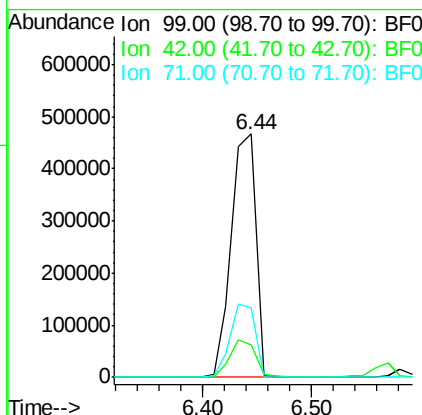
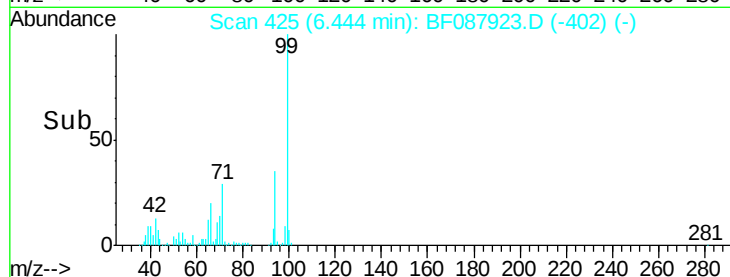
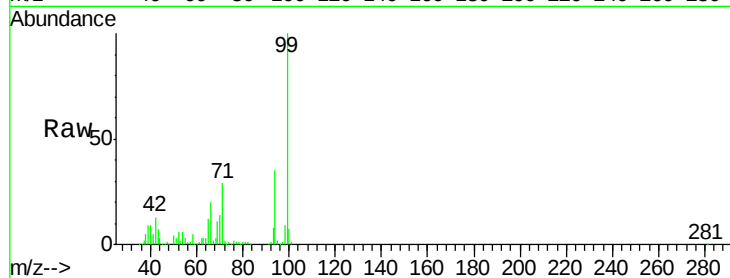
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	726512
Ion Ratio	Lower	Upper	
99	100		
42	13.2	12.2	18.2
71	28.7	23.4	35.0

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#8

2-Chlorophenol

Concen: 38.07 ng

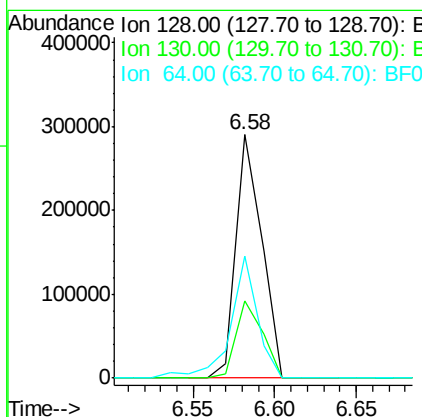
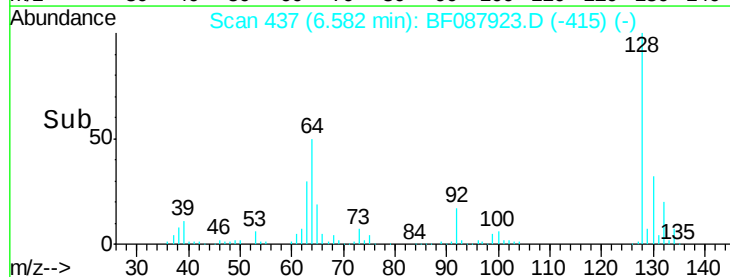
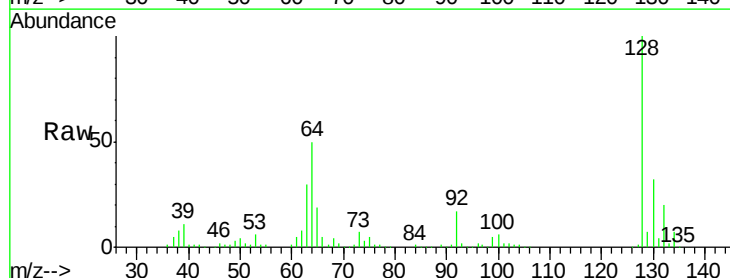
RT: 6.58 min Scan# 437

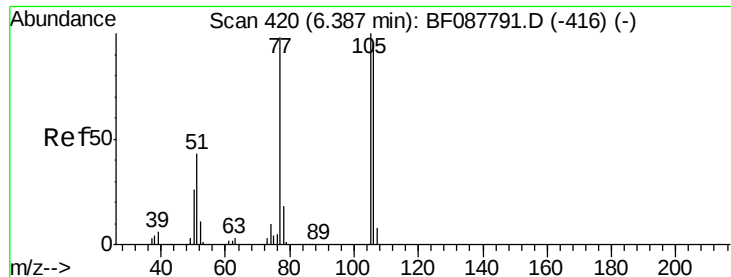
Delta R.T. -0.05 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	128	Resp:	315693
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	50.3	30.8	70.8





#9

Benzaldehyde

Concen: 35.40 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

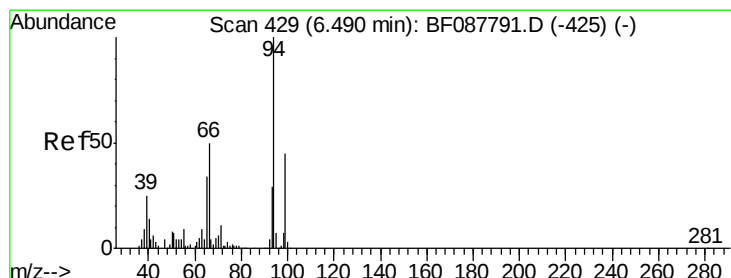
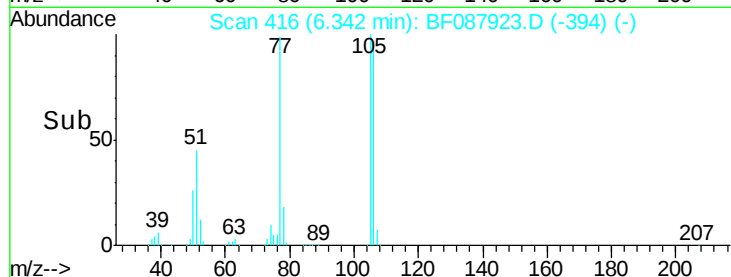
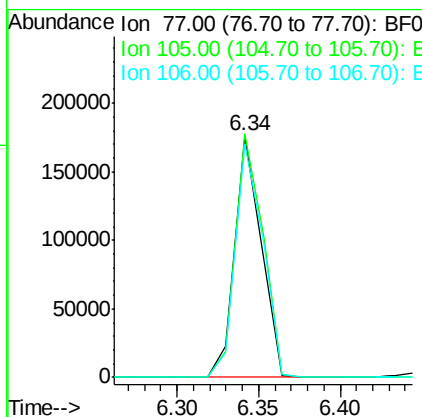
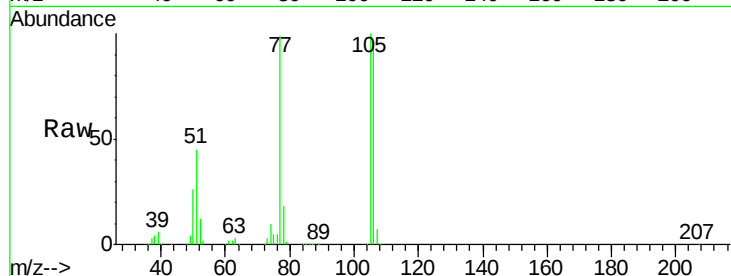
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	195716
Ion Ratio	Lower	Upper	
77	100		
105	100.9	90.6	130.6
106	96.7	85.3	125.3

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#10

Phenol

Concen: 48.44 ng

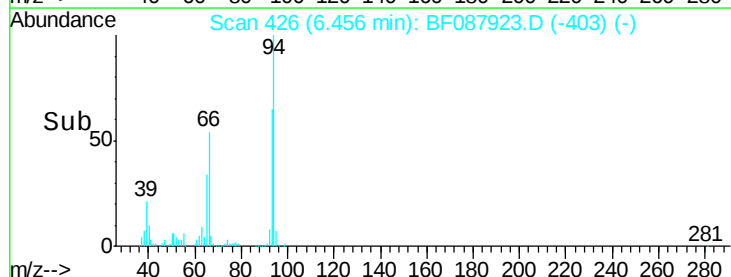
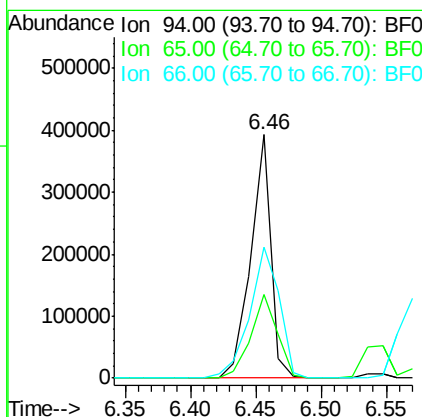
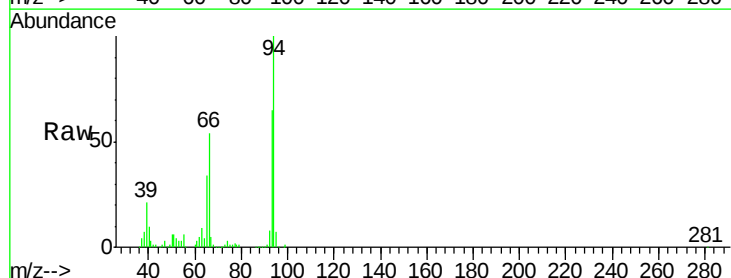
RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	94	Resp:	422930
Ion Ratio	Lower	Upper	
94	100		
65	34.4	5.9	45.9
66	53.7	14.0	54.0





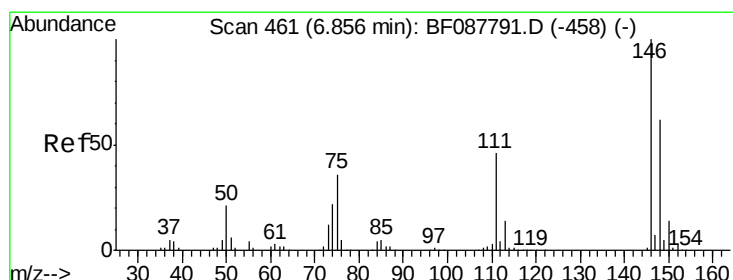
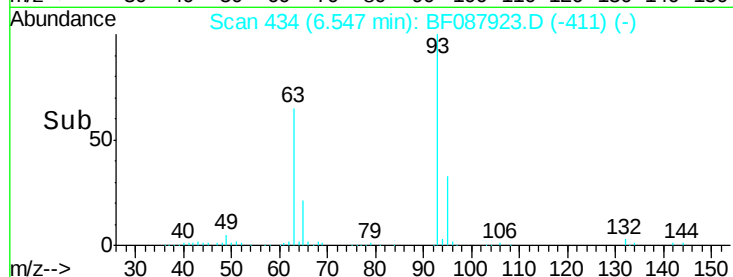
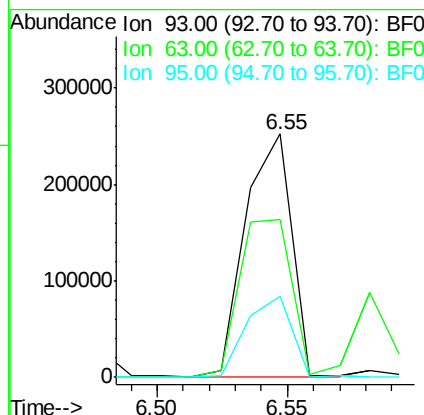
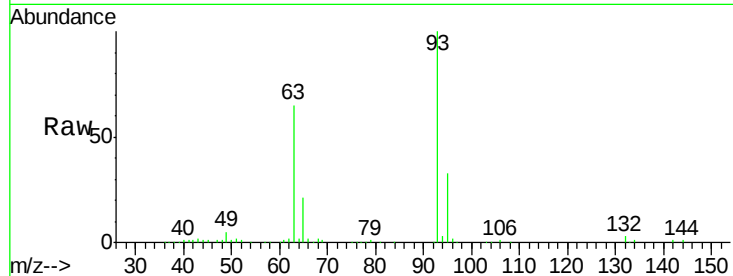
#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.8	67.6	107.6#
95	33.2	12.5	52.5

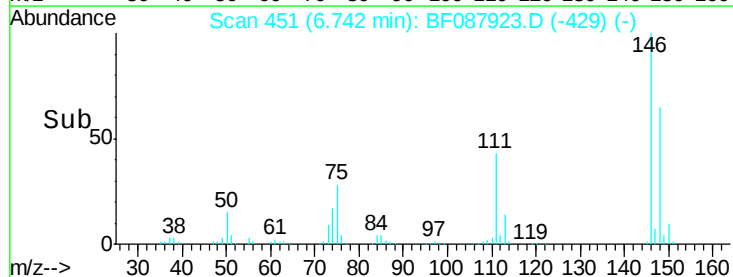
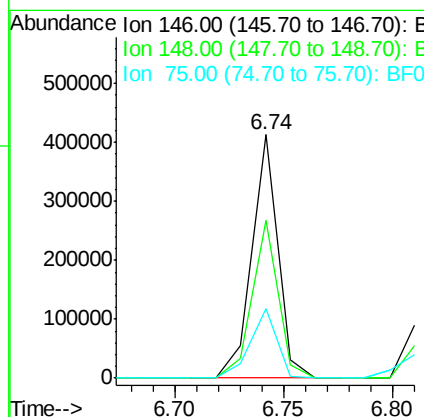
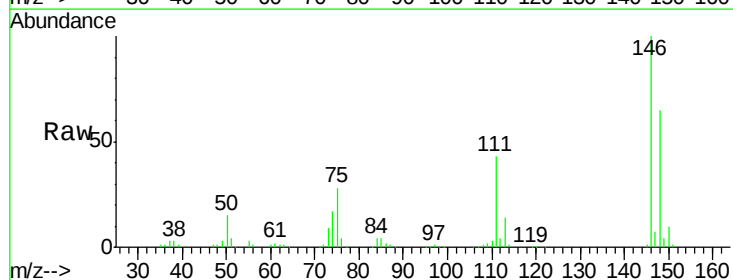
Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#12
1,3-Dichlorobenzene
Concen: 38.62 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	28.3	25.6	38.4





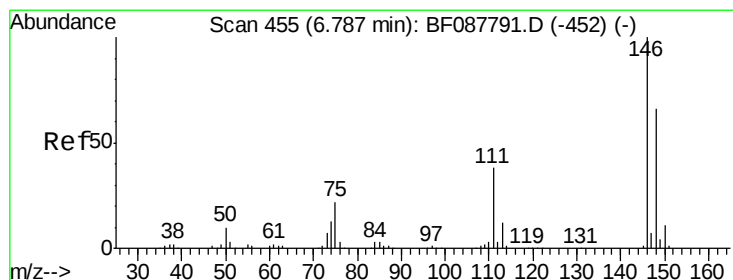
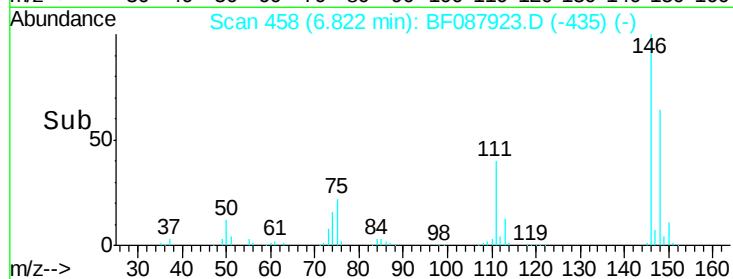
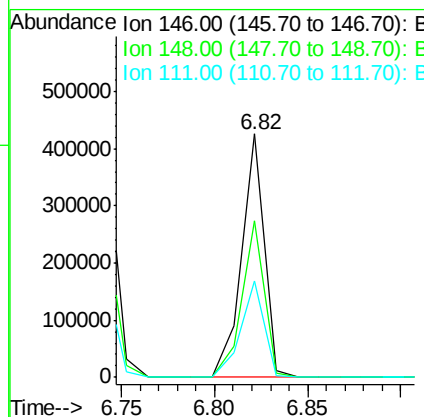
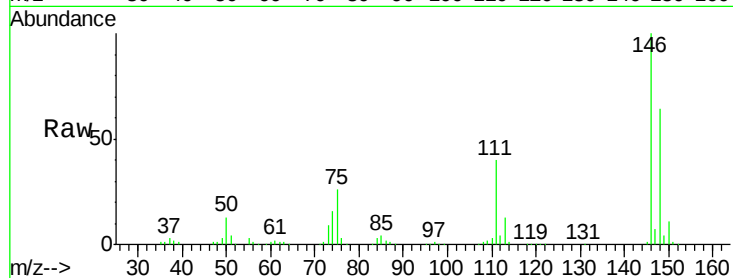
#13
 1,4-Dichlorobenzene
 Concen: 40.36 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	64.4	52.0	78.0		
111	39.8	33.8	50.8		

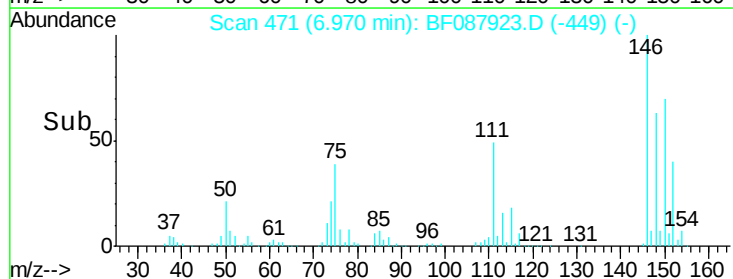
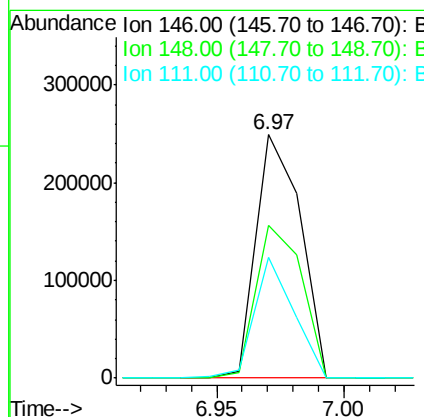
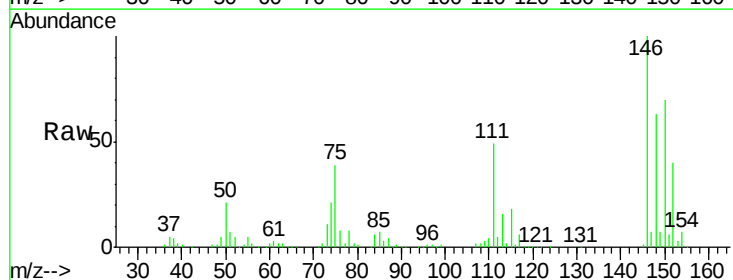
Manual Integrations
 APPROVED

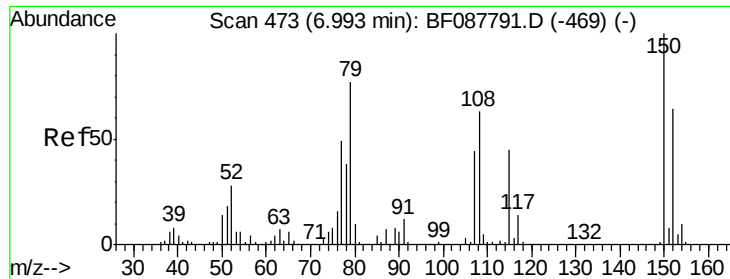
umangi
 6/13/2016 7:44:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.60 ng m
 RT: 6.97 min Scan# 471
 Delta R.T. -0.05 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	62.6	52.3	78.5		
111	49.4	28.7	43.1		





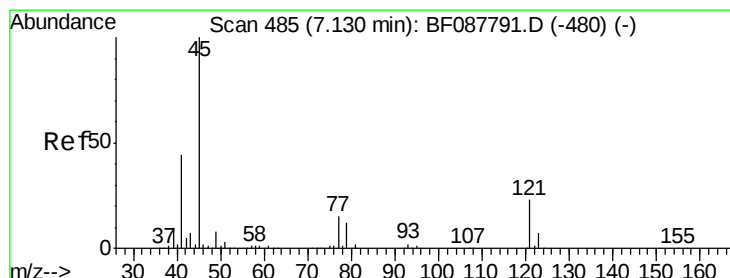
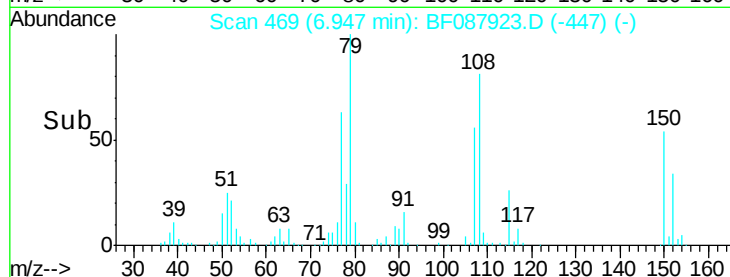
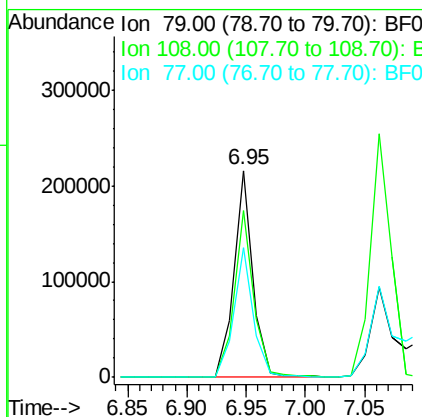
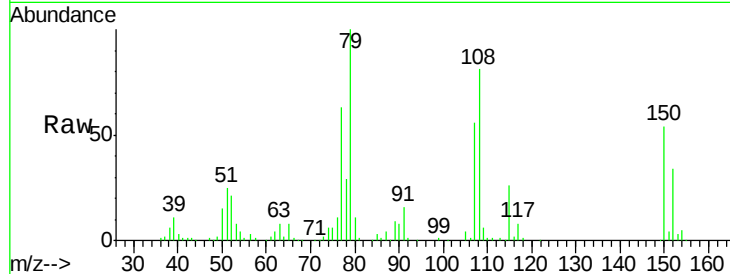
#15
Benzyl Alcohol
Concen: 36.43 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	65.0	97.6
77	62.7	50.3	75.5

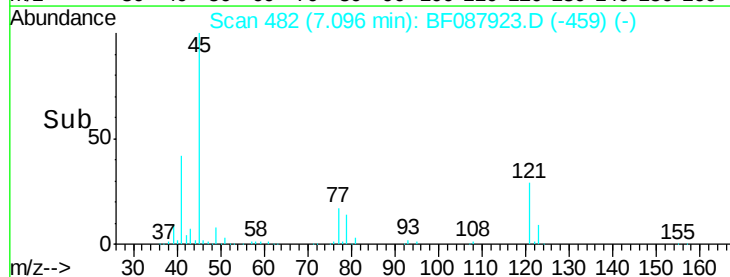
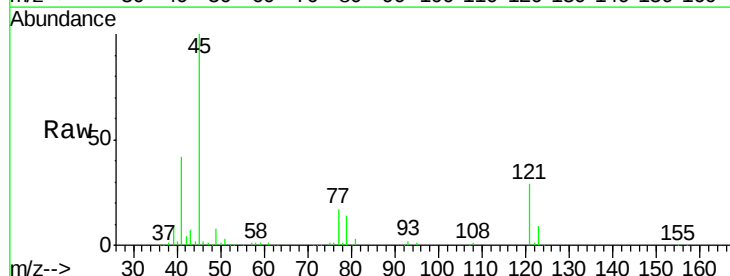
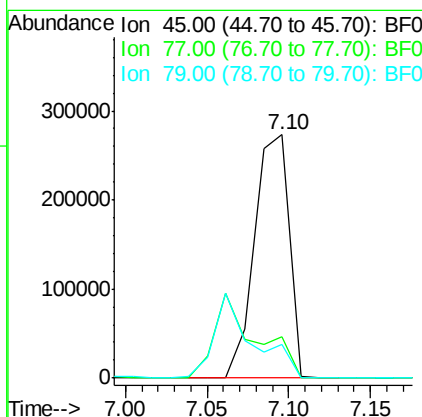
Manual Integrations
APPROVED

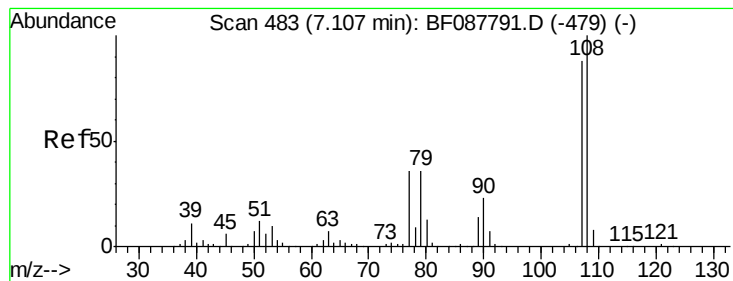
umangi
6/13/2016 7:44:42 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.19 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	32.5
79	13.8	0.0	29.5





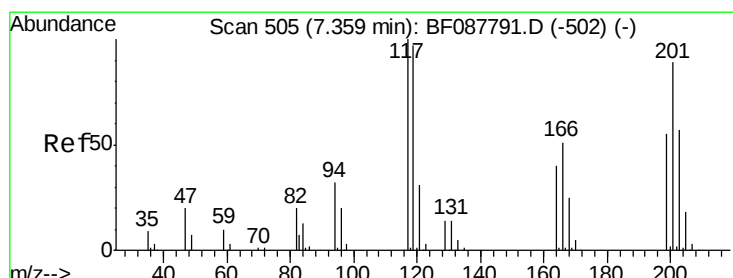
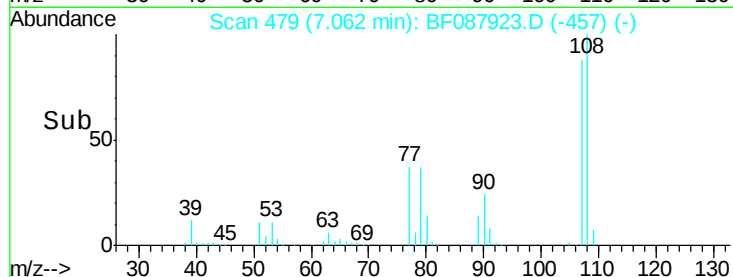
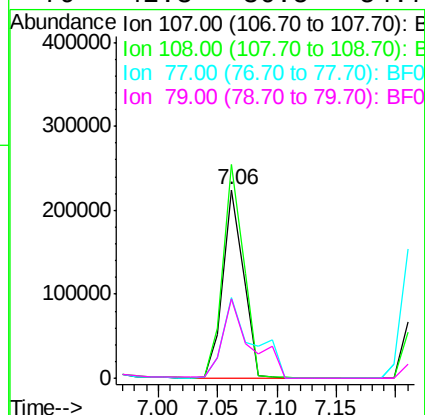
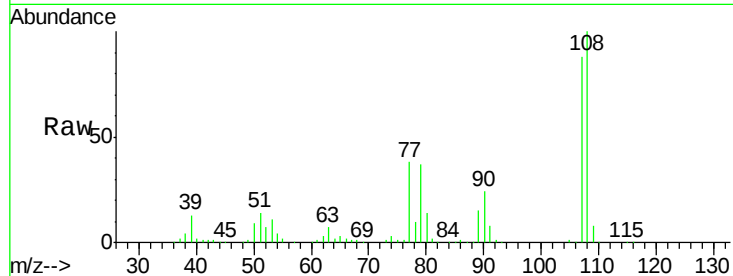
#17
2-Methylphenol
Concen: 40.03 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	269188		
108	113.5	90.9	136.3	
77	42.6	36.6	55.0	
79	42.3	36.5	54.7	

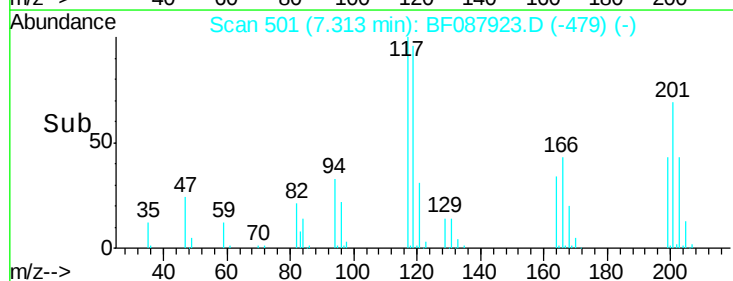
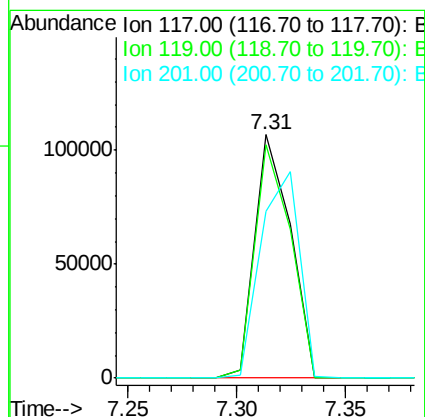
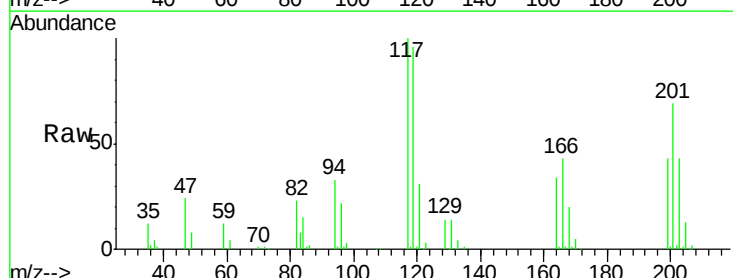
Manual Integrations
APPROVED

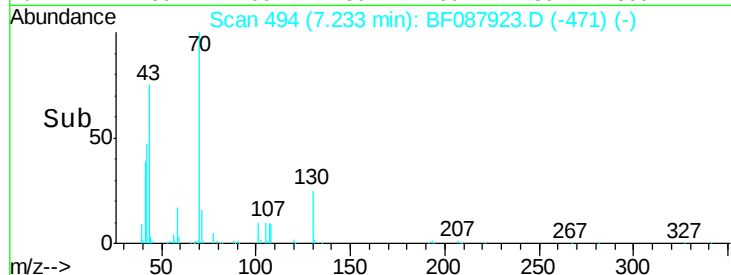
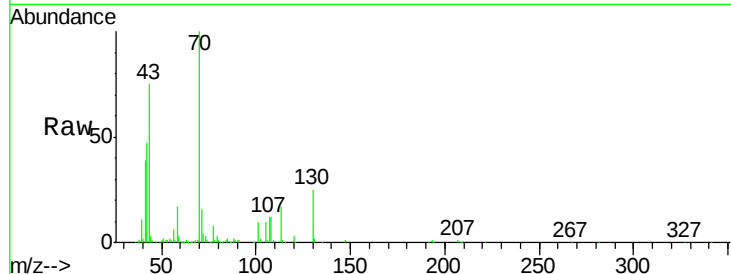
umangi
6/13/2016 7:44:42 PM



#18
Hexachloroethane
Concen: 38.45 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122274		
119	95.9	77.4	116.2	
201	68.6	80.4	120.6	





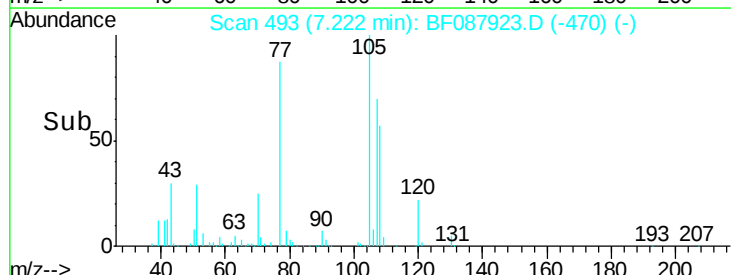
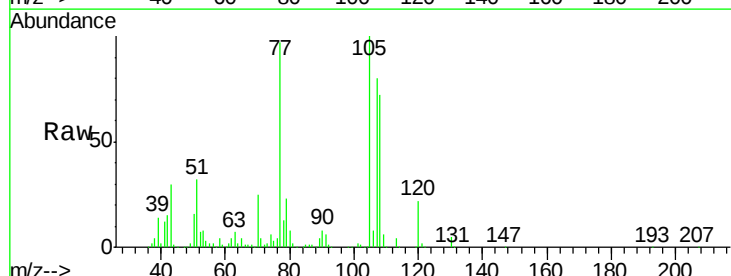
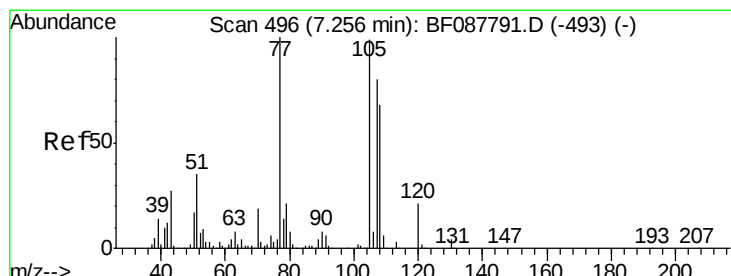
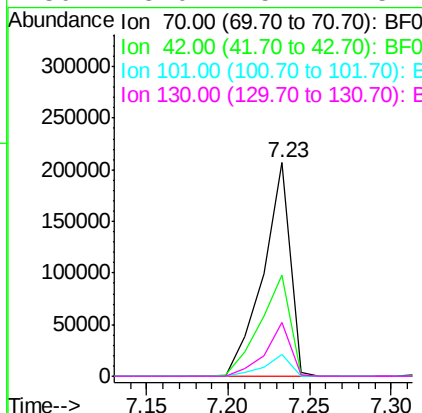
#19
n-Nitroso-di-n-propylamine
Concen: 44.18 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
239990	70	100		
	42	47.5	49.6	74.4#
	101	10.3	7.1	10.7
	130	25.0	15.4	23.2#

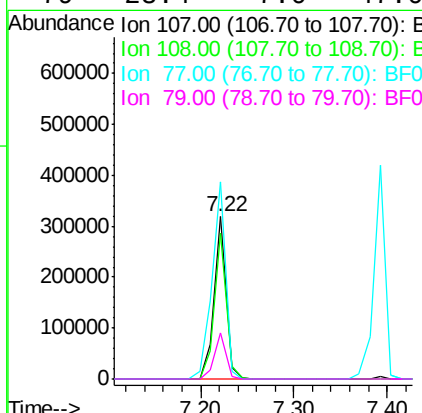
Manual Integrations
APPROVED

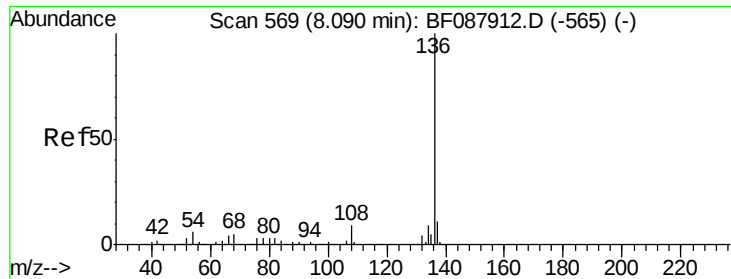
umangi
6/13/2016 7:44:42 PM



#20
3+4-Methylphenols
Concen: 36.40 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ion	Ratio	Lower	Upper
285631	107	100		
	108	90.1	67.8	107.8
	77	121.5	59.3	99.3#
	79	28.4	7.0	47.0





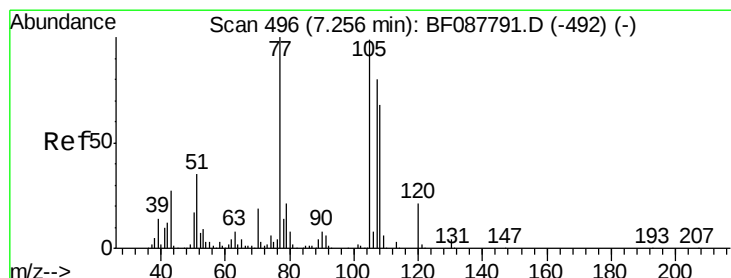
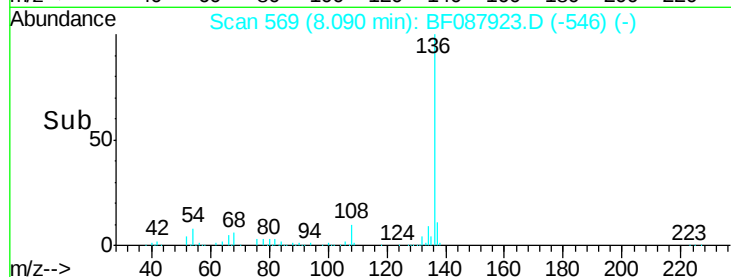
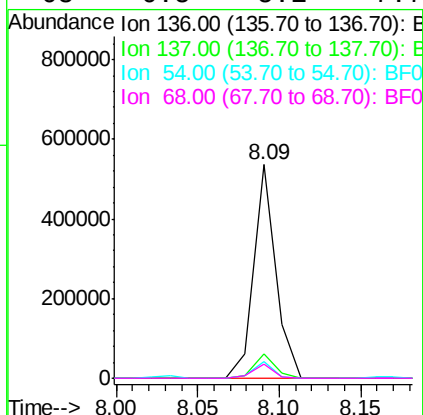
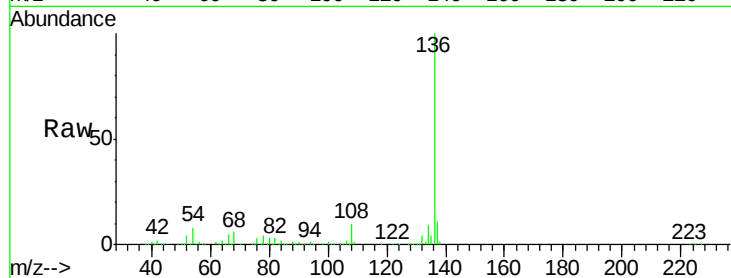
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	8.0	6.6	10.0	
68	6.5	5.1	7.7	

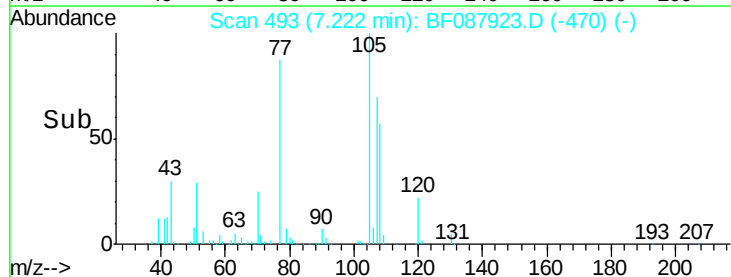
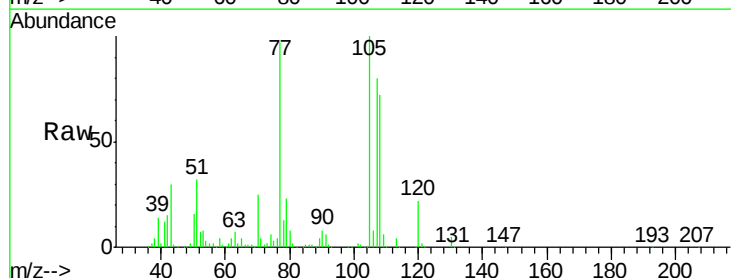
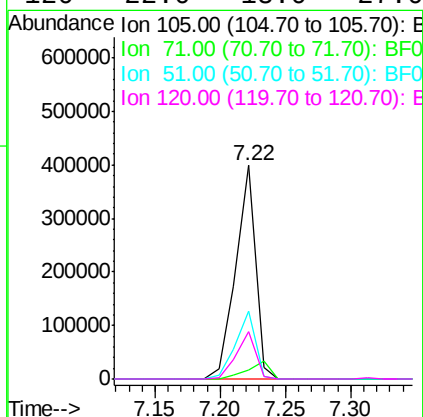
Manual Integrations
APPROVED

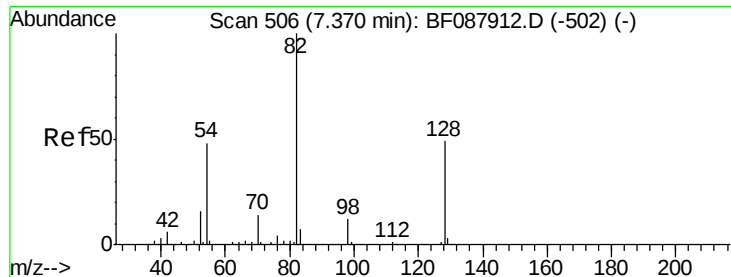
umangi
6/13/2016 7:44:42 PM



#22
Acetophenone
Concen: 37.31 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	5.3	7.9#	
51	31.8	18.2	27.4#	
120	22.0	18.0	27.0	





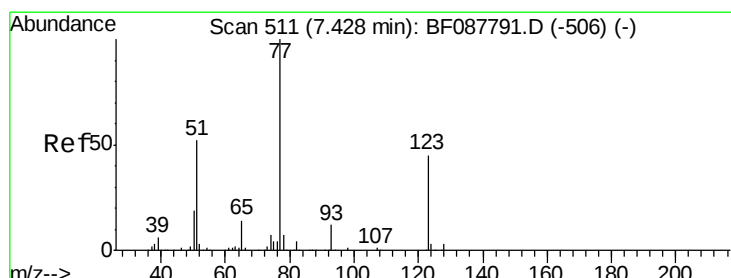
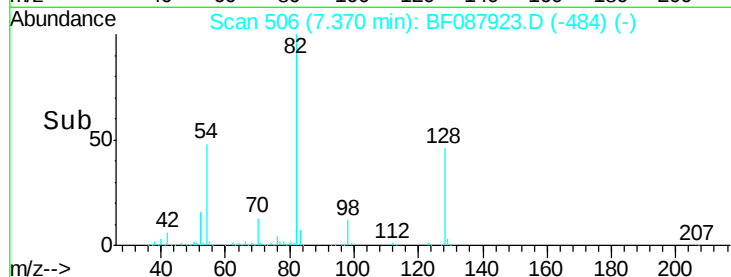
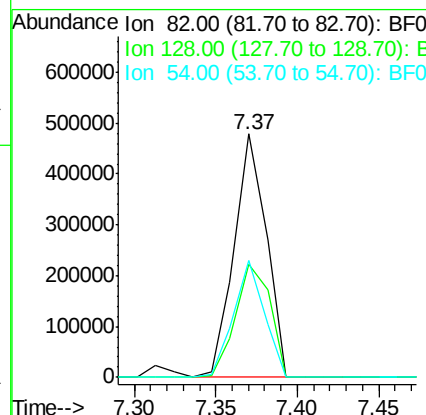
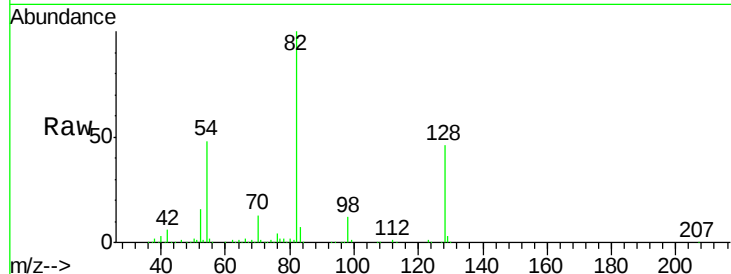
#23
 Nitrobenzene-d5
 Concen: 75.53 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.9	53.9
54	48.1	40.9	61.3

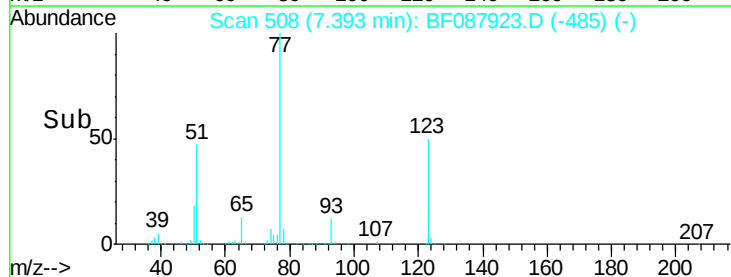
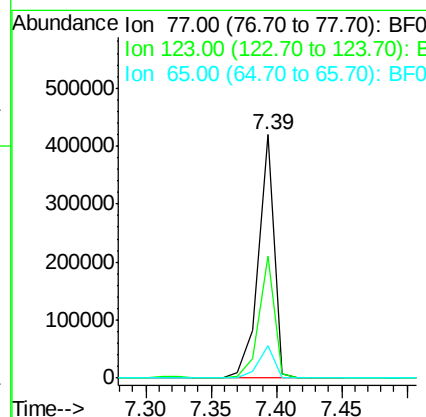
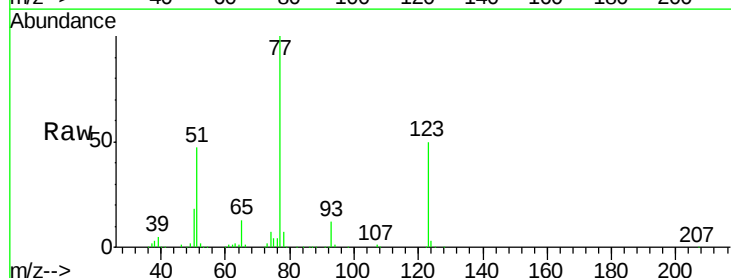
Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM



#24
 Nitrobenzene
 Concen: 42.91 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 38.64 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

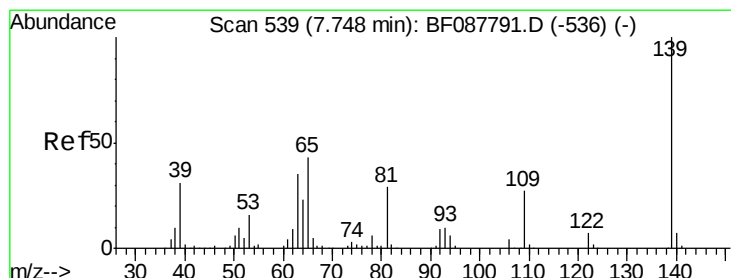
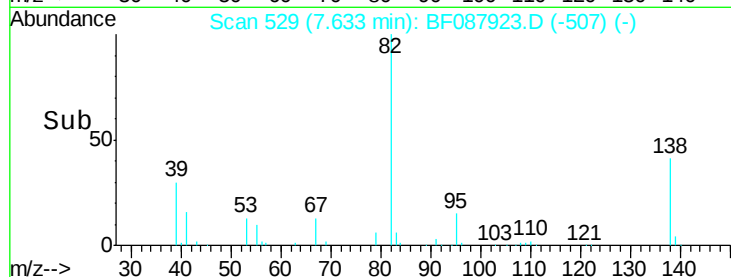
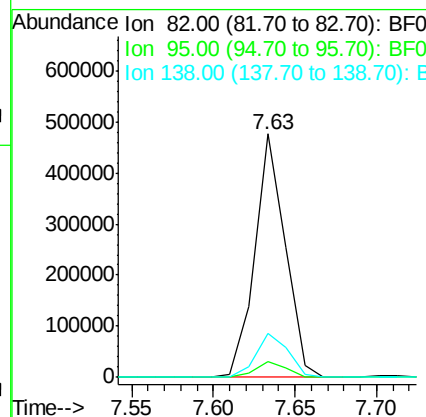
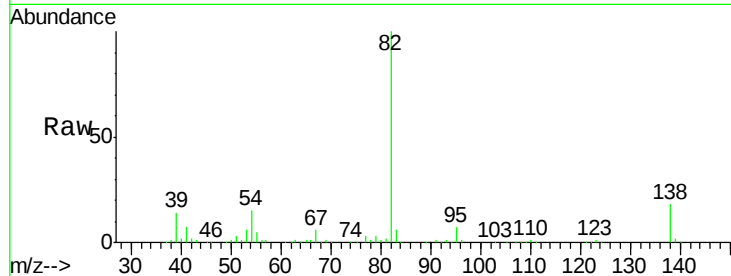
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	616331
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	17.9	14.6	21.8

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#26

2-Nitrophenol

Concen: 42.43 ng

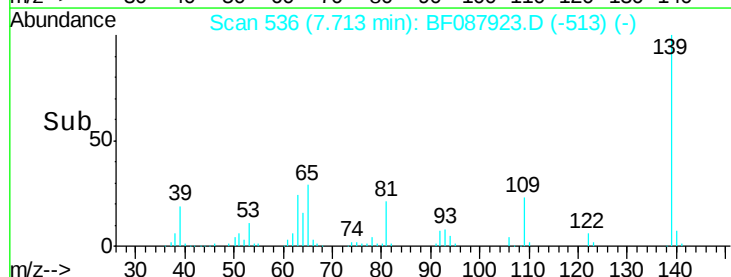
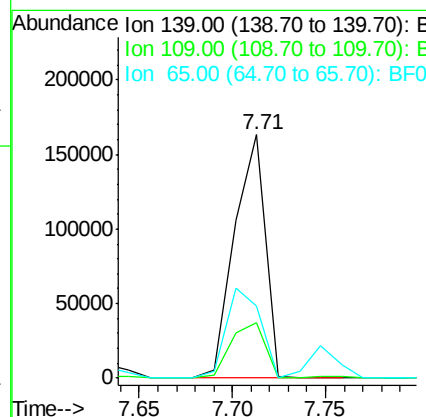
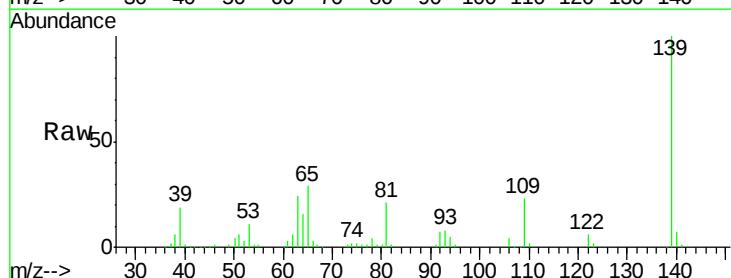
RT: 7.71 min Scan# 536

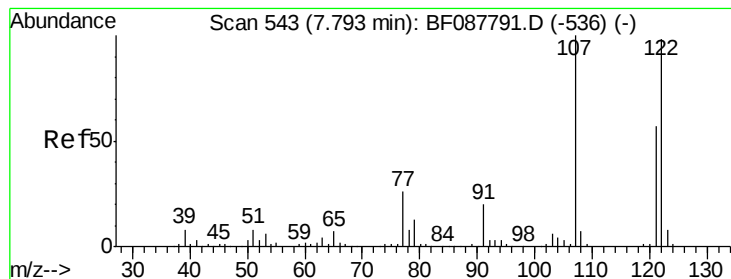
Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	139	Resp:	189598
Ion Ratio		Lower	Upper
139	100		
109	22.5	23.0	34.4#
65	29.5	45.8	68.8#





#27

2,4-Dimethylphenol

Concen: 37.83 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

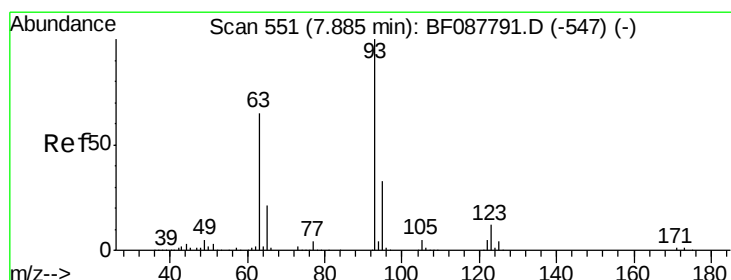
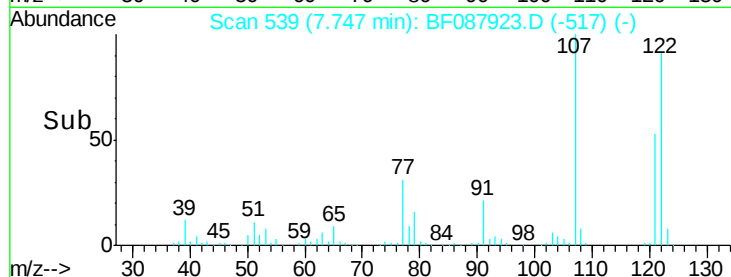
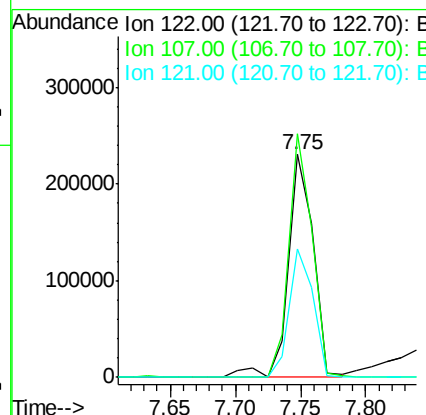
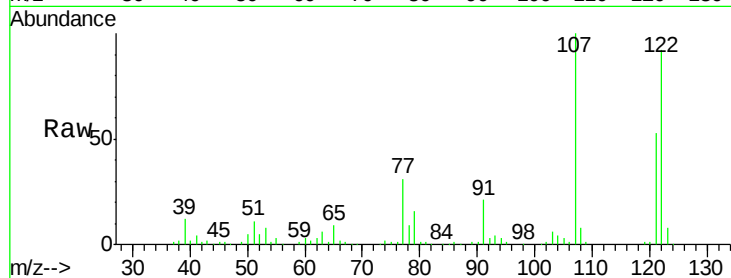
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	311297
Ion Ratio	Lower	Upper	
122	100		
107	109.1	82.4	123.6
121	57.7	46.3	69.5

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.72 ng

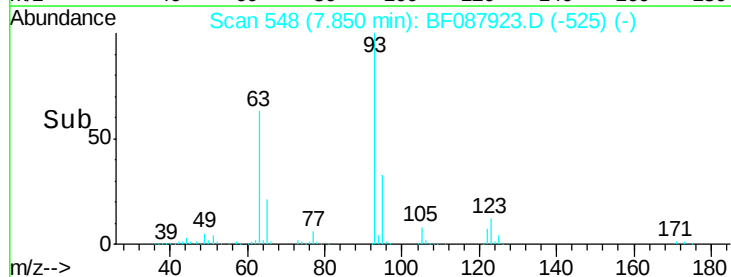
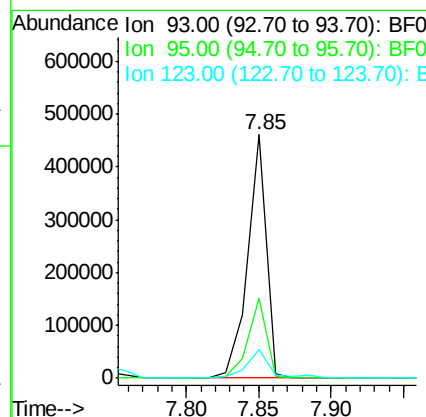
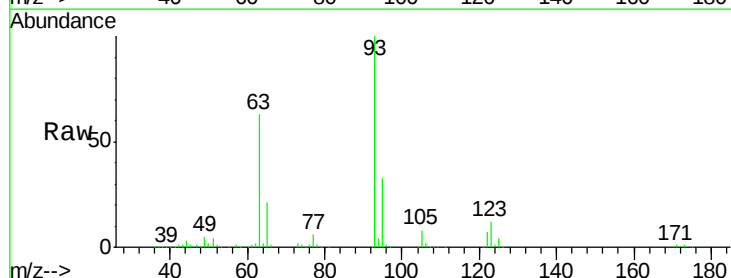
RT: 7.85 min Scan# 548

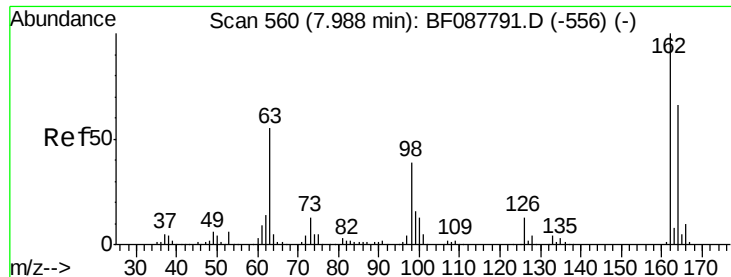
Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	93	Resp:	412787
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	11.9	11.6	17.4





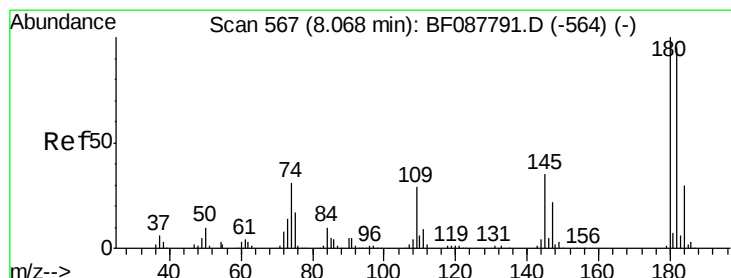
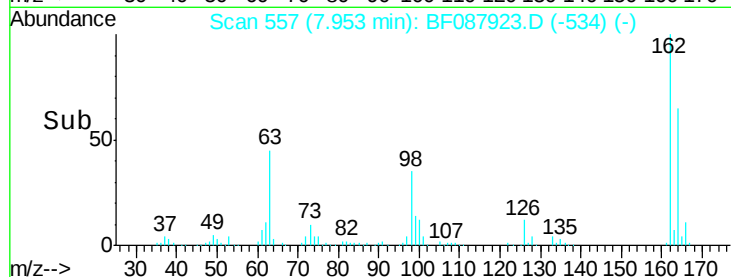
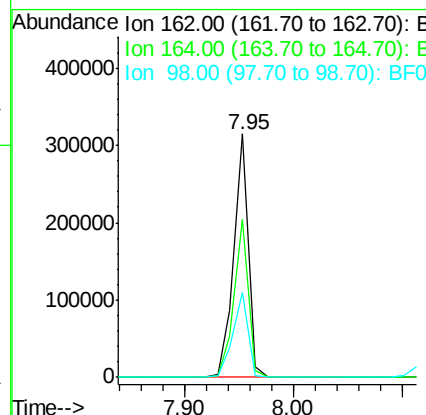
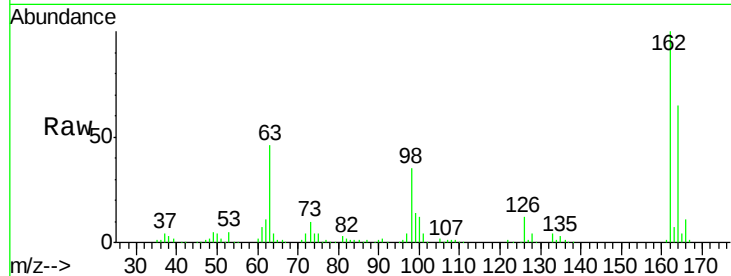
#29
 2,4-Dichlorophenol
 Concen: 42.25 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	43.8	83.8
98	34.9	21.3	61.3

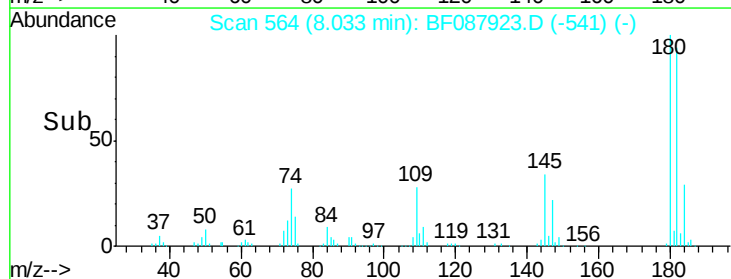
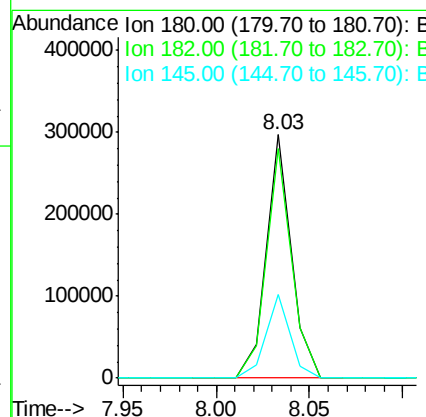
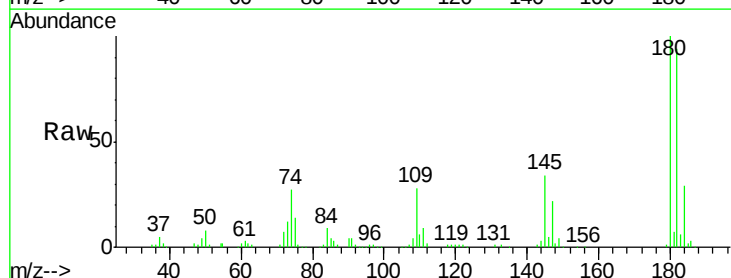
Manual Integrations
 APPROVED

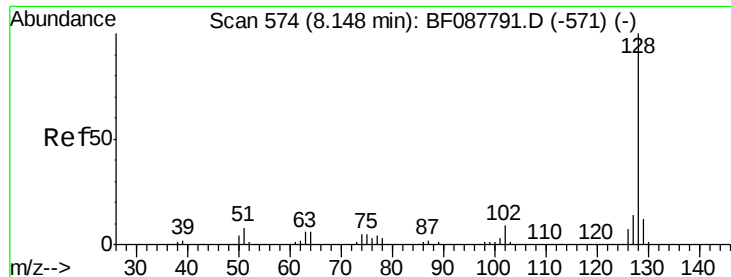
umangi
 6/13/2016 7:44:42 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.76 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.3	76.0	114.0
145	34.1	26.5	39.7





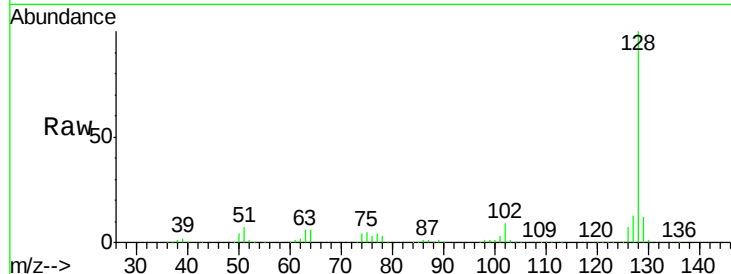
#31
Naphthalene
Concen: 35.84 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

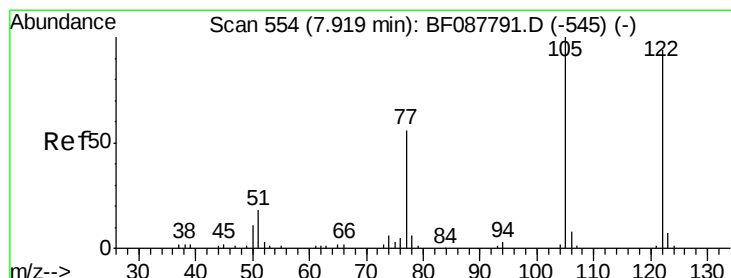
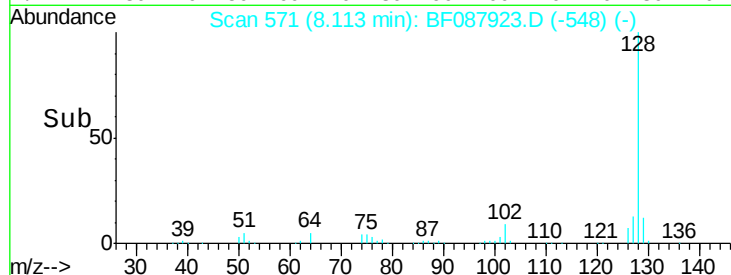
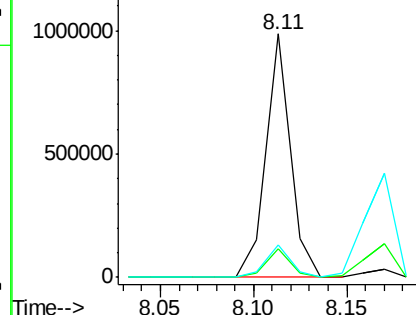
Tot Ion	Ratio	Resp	Lower	Upper
128	100	891989		
129	11.7		9.4	14.2
127	13.4		10.9	16.3

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM

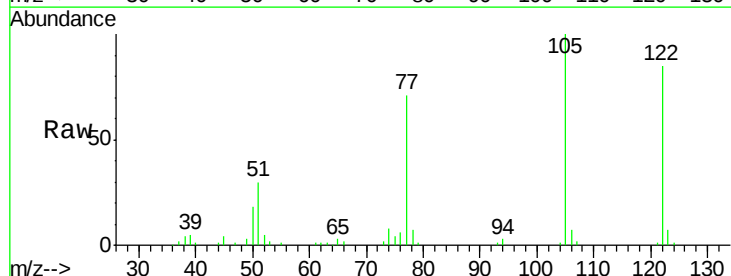


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

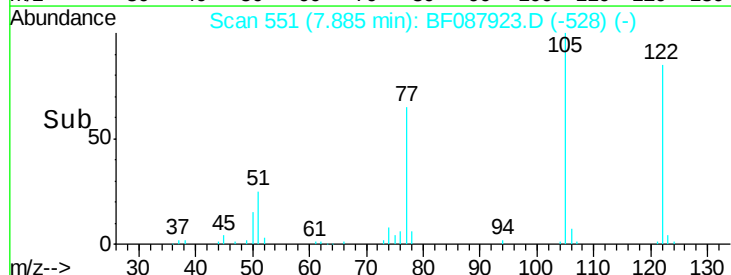
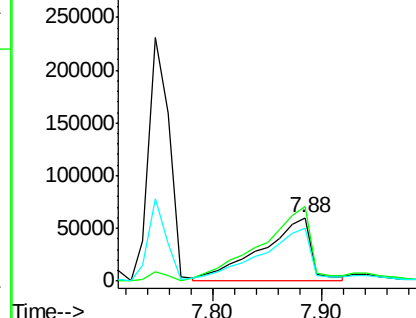


#32
Benzoic acid
Concen: 42.33 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	191788		
105	118.0		101.6	141.6
77	83.8		70.6	110.6



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





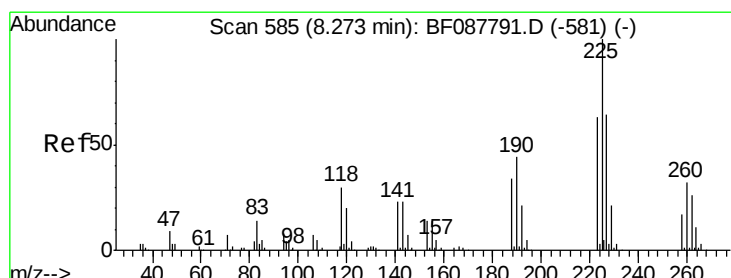
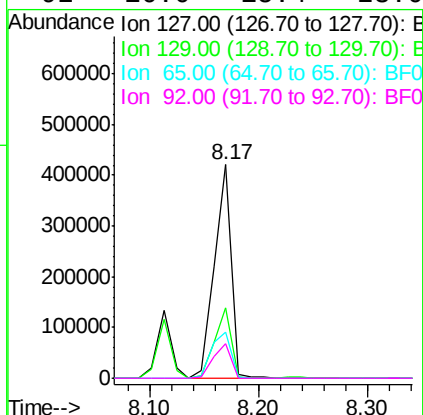
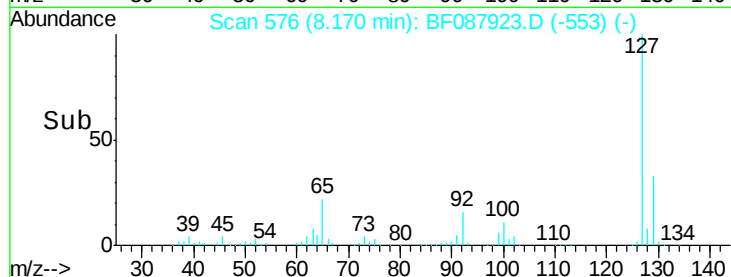
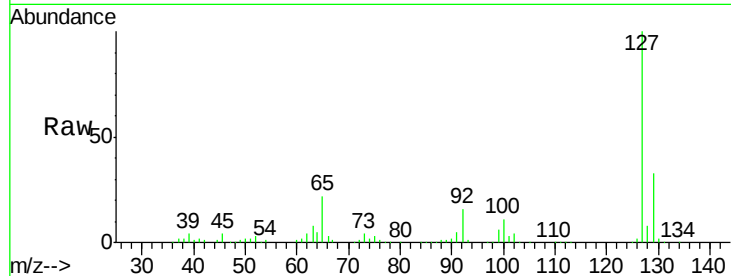
#33
4-Chloroaniline
Concen: 41.35 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	21.8	24.7	37.1		
92	16.0	15.4	23.0		

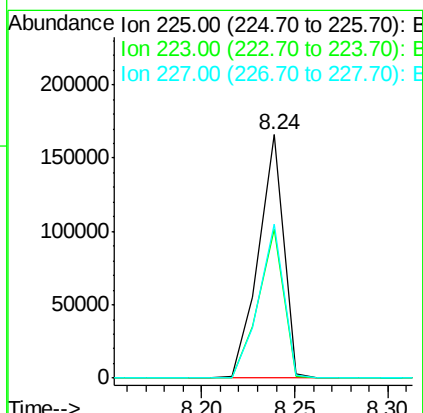
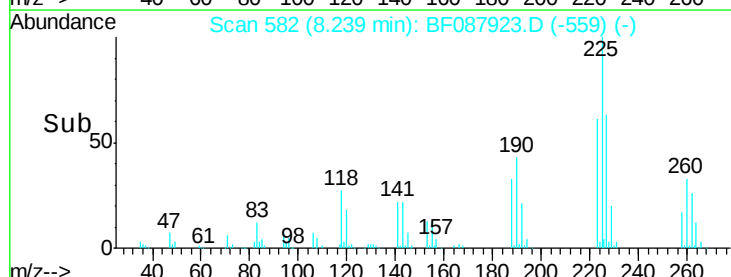
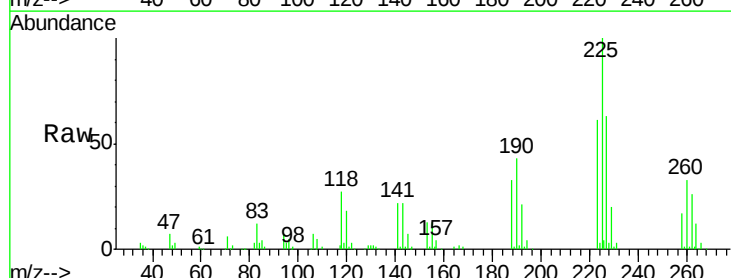
Manual Integrations
APPROVED

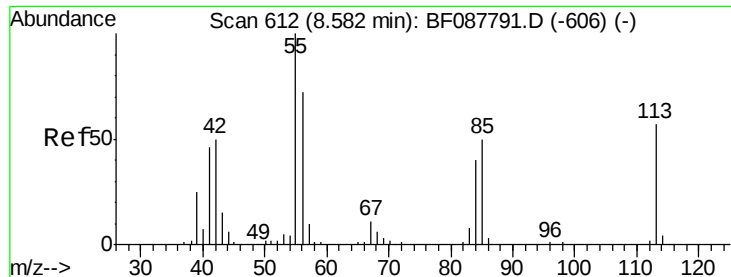
umangi
6/13/2016 7:44:42 PM



#34
Hexachlorobutadiene
Concen: 39.10 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	50.9	76.3		
227	63.2	51.9	77.9		





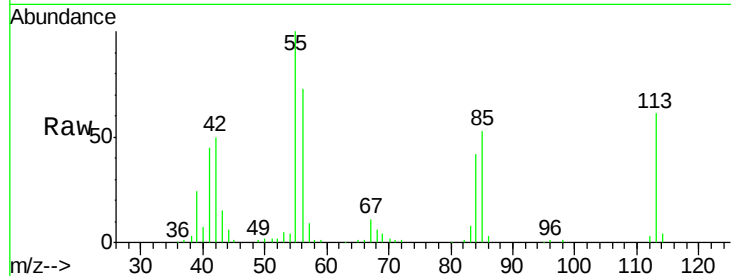
#35
 Caprolactam
 Concen: 39.57 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

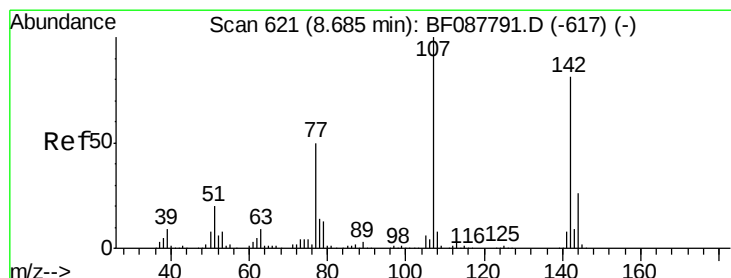
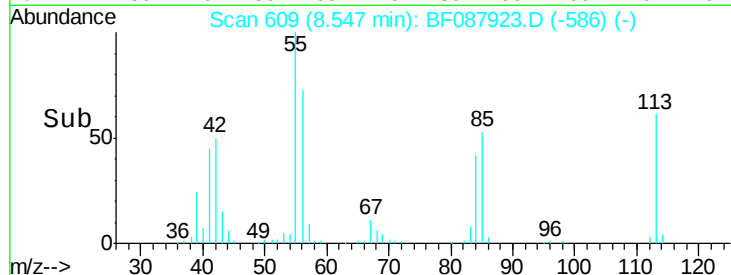
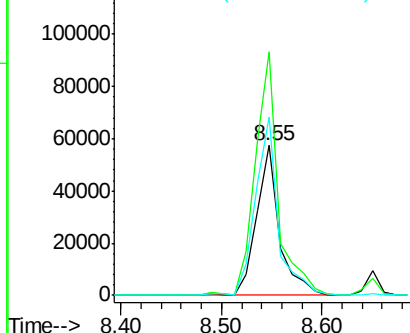
Tot Ion:113 Resp: 90044
 Ion Ratio Lower Upper
 113 100
 55 162.7 158.6 198.6
 56 119.5 110.6 150.6

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM

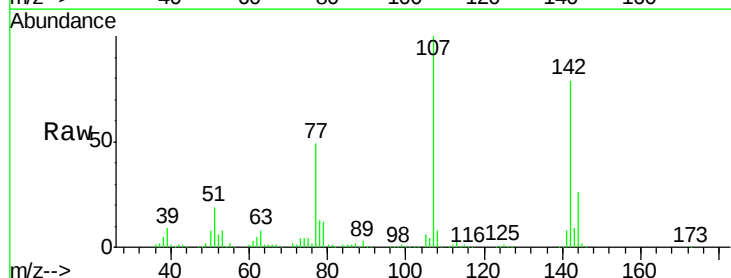


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

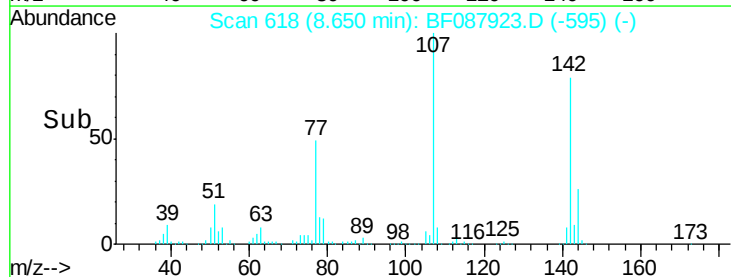
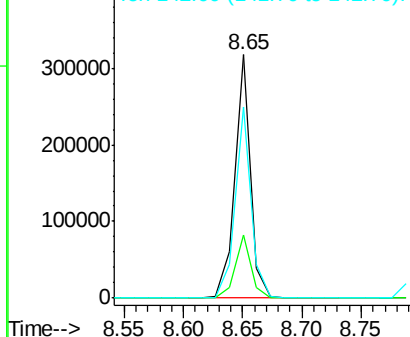


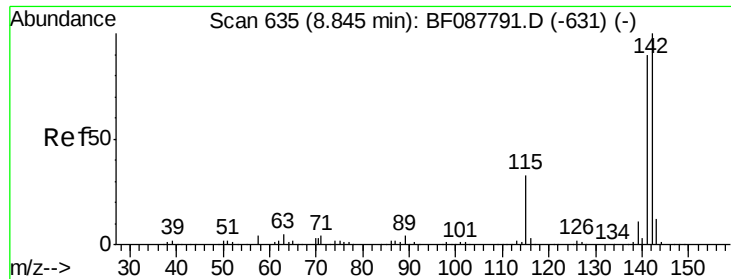
#36
 4-Chloro-3-methylphenol
 Concen: 39.57 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion:107 Resp: 290716
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.8 31.2
 142 78.5 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





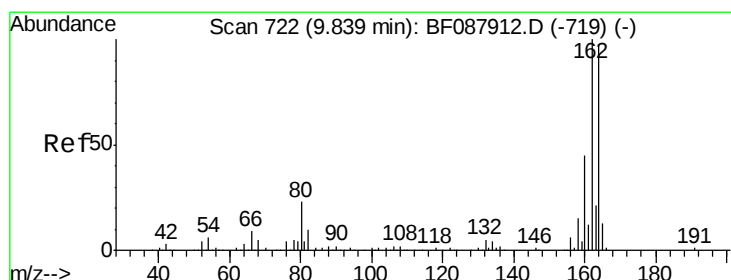
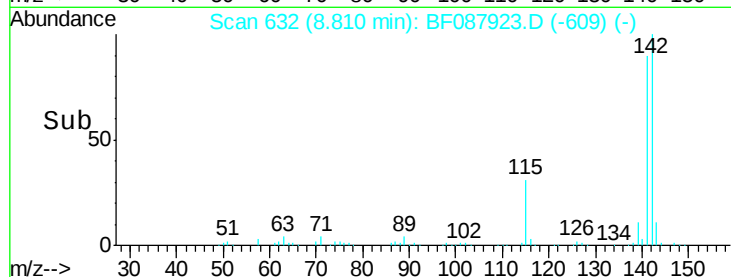
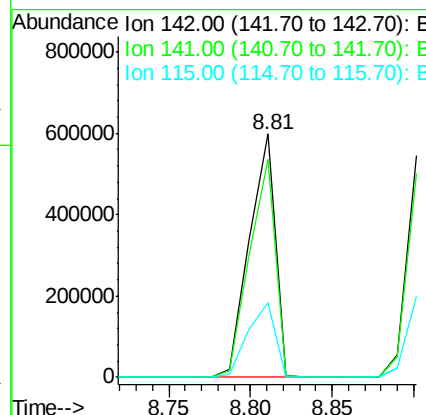
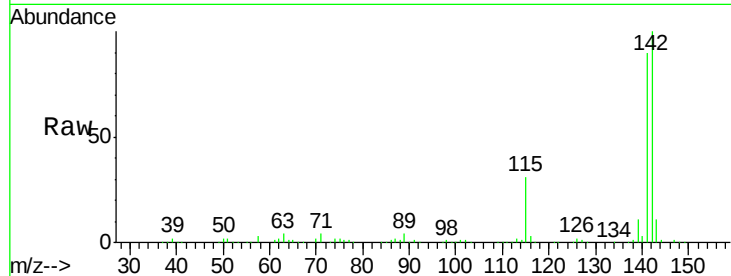
#37
2-Methylnaphthalene
Concen: 39.97 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	30.5	22.6	33.8

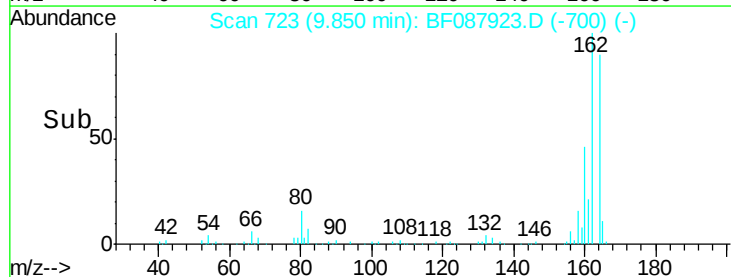
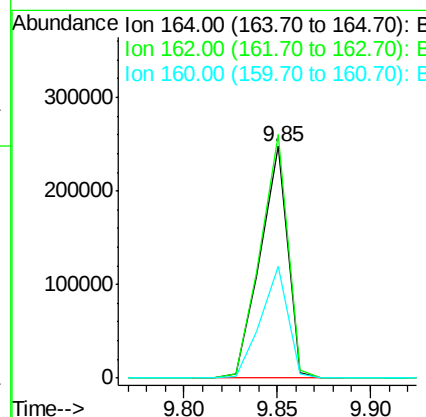
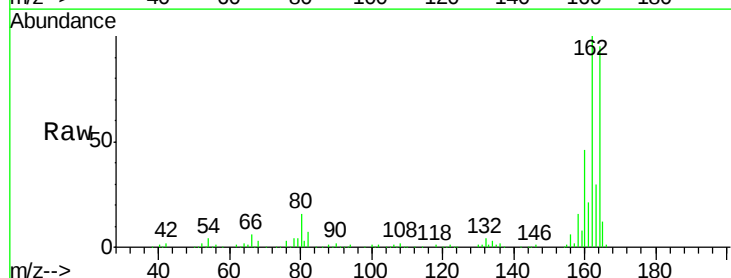
Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	48.0	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.26 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 247410
Ion Ratio Lower Upper

216 100

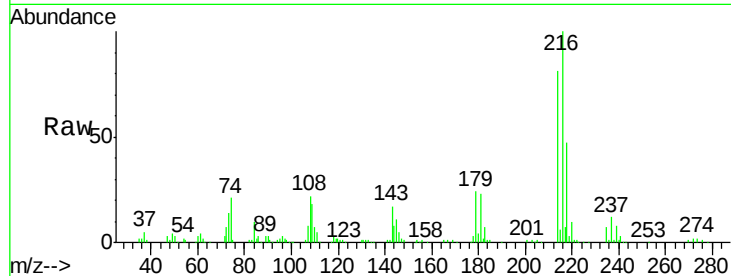
214 79.9 2.9 4.3#

179 22.9 0.0 0.0#

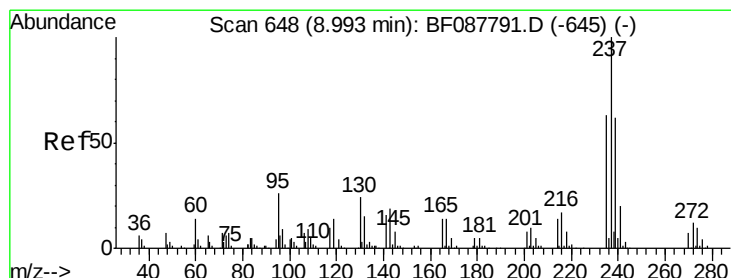
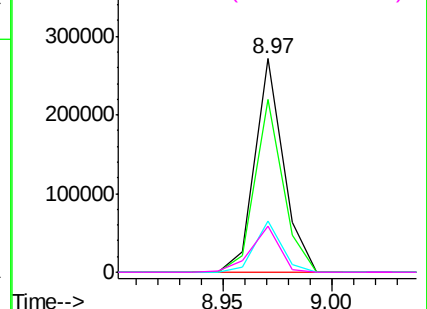
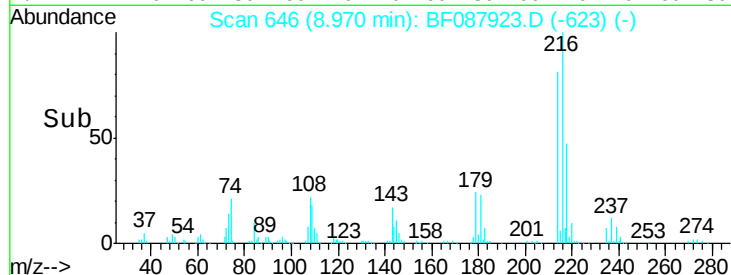
108 21.6 0.5 0.7#

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 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: 33.15 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087923.D

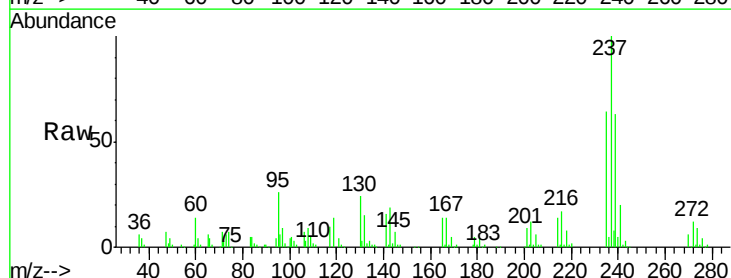
Acq: 12 Jun 2016 2:25

Tgt Ion:237 Resp: 134118
Ion Ratio Lower Upper

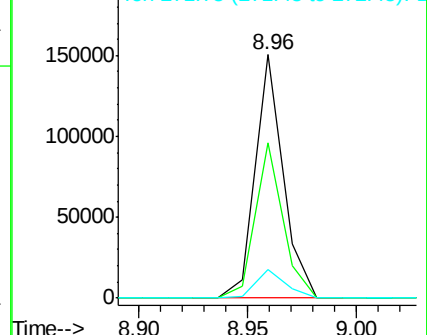
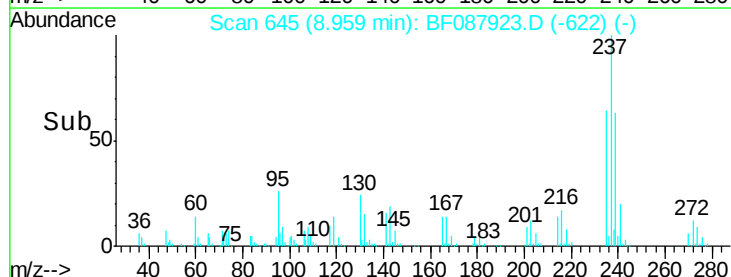
237 100

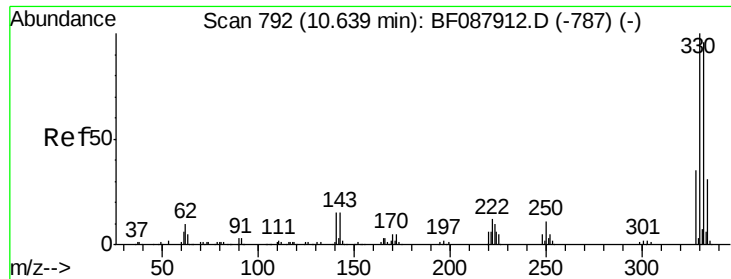
235 63.6 43.4 83.4

272 11.9 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





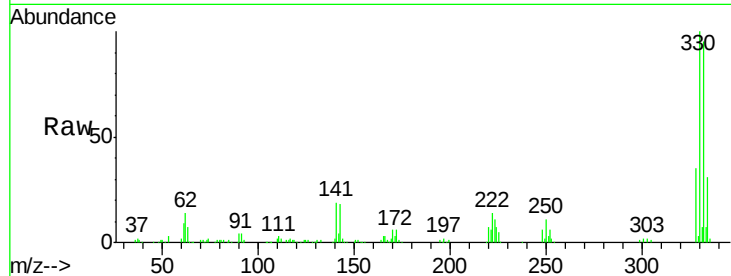
#41
 2,4,6-Tribromophenol
 Concen: 71.12 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

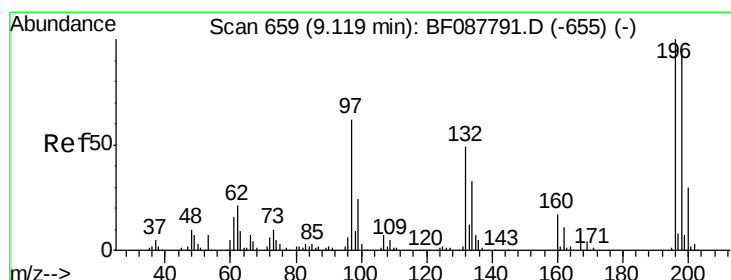
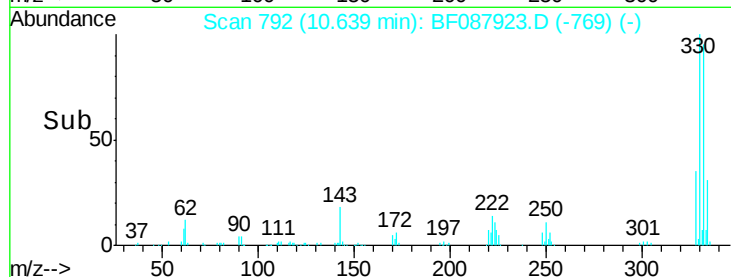
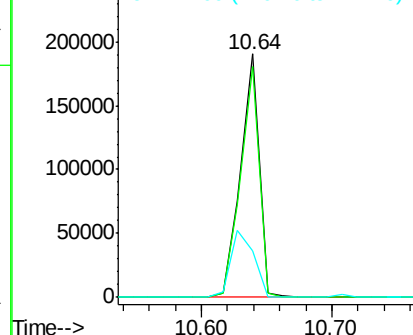
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	34.2	0.0	0.0#

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM



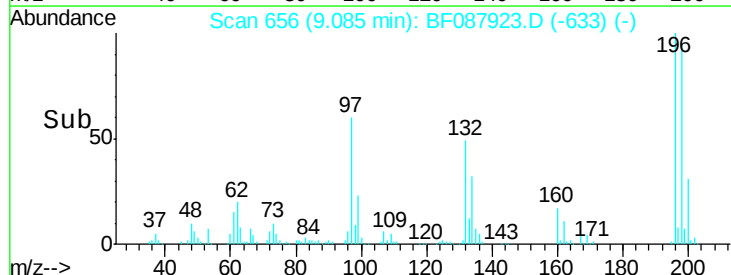
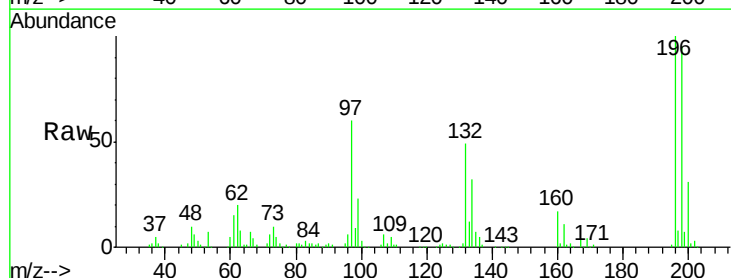
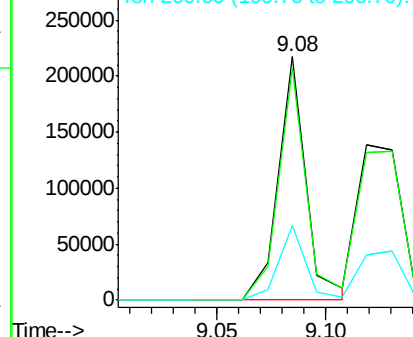
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.93 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.5	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





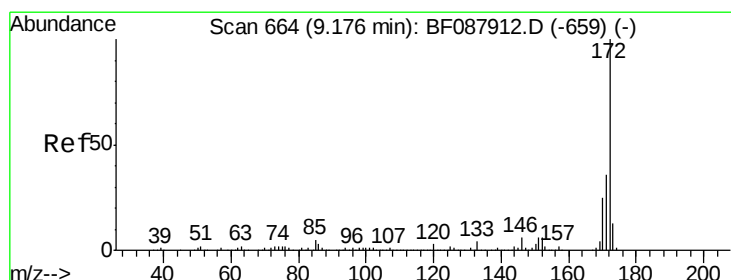
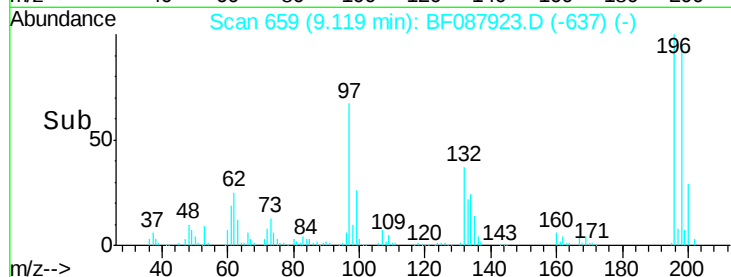
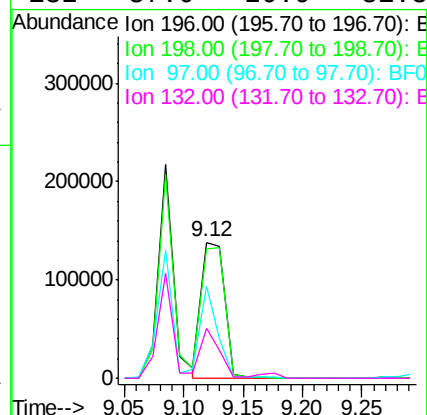
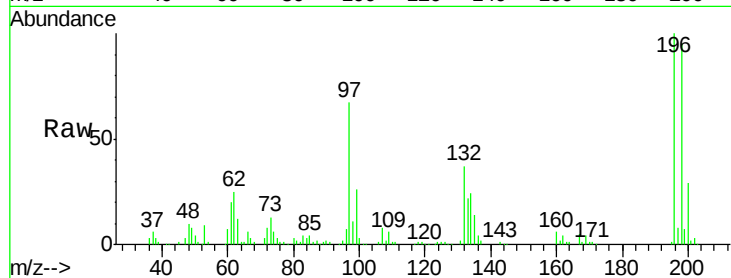
#43
 2,4,5-Trichlorophenol
 Concen: 36.84 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.05 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		192253		
198	94.9	77.5	116.3		
97	67.2	32.0	48.0		
132	37.0	20.9	31.3		

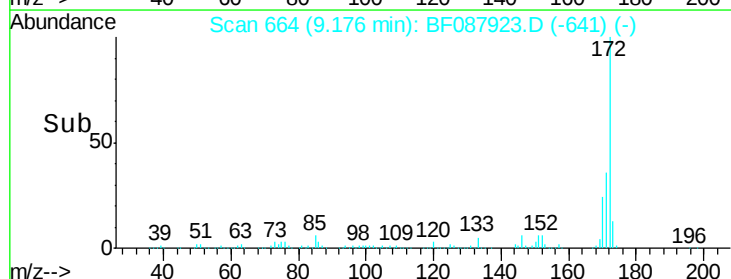
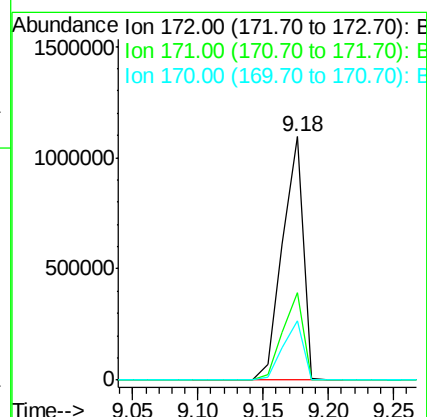
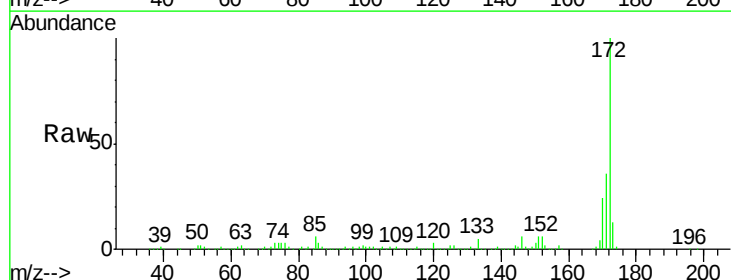
Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM



#44
 2-Fluorobiphenyl
 Concen: 76.09 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1224337		
171	36.1	28.6	43.0		
170	24.4	19.2	28.8		





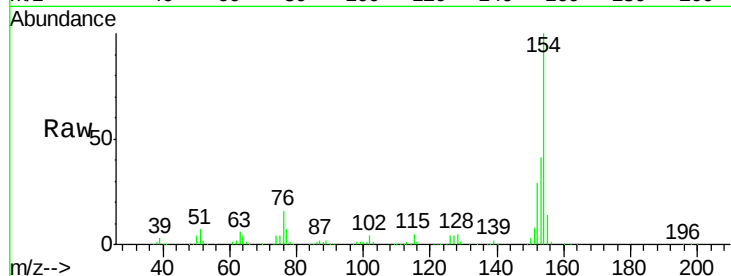
#45
 1,1'-Biphenyl
 Concen: 37.57 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

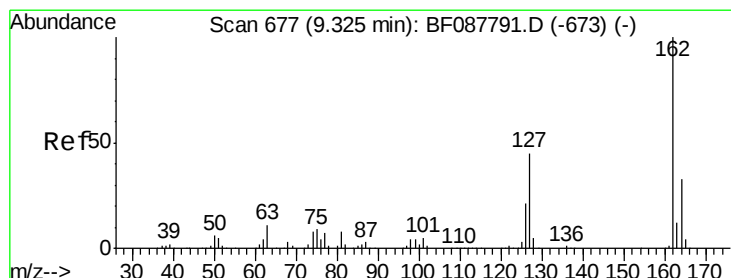
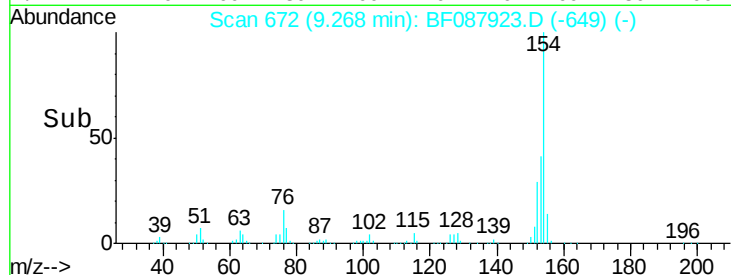
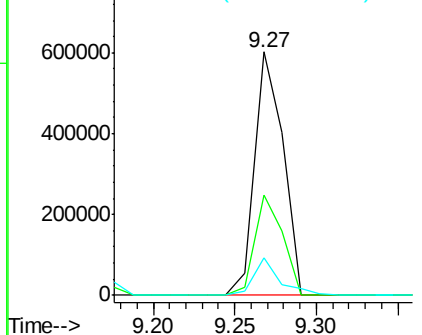
Tot Ion:	154	Resp:	726657
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	15.5	0.0	35.1

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM

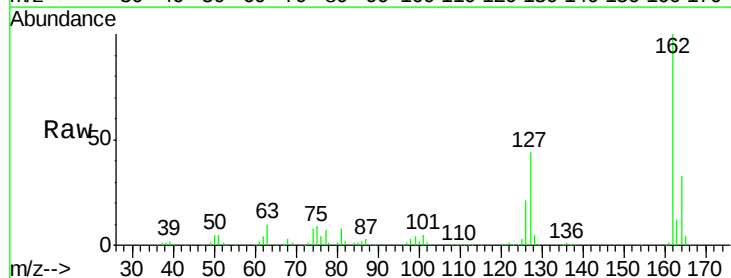


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

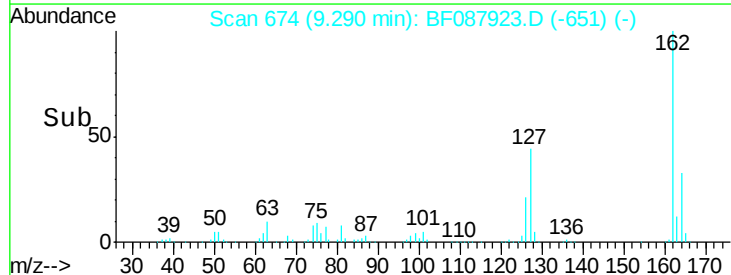
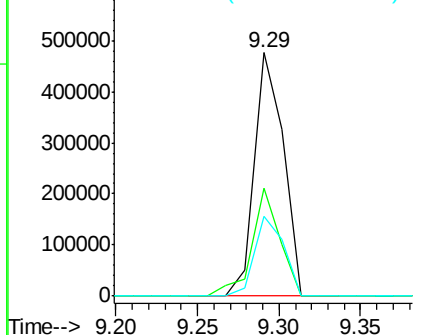


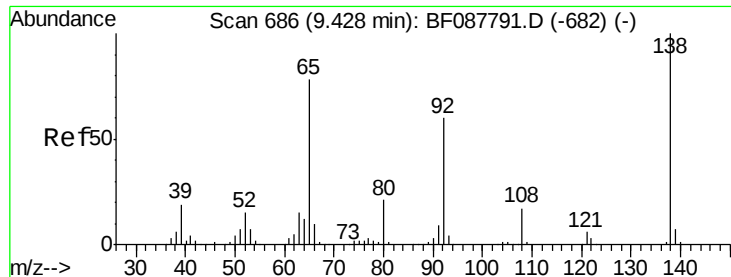
#46
 2-Chloronaphthalene
 Concen: 36.18 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion:	162	Resp:	587295
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





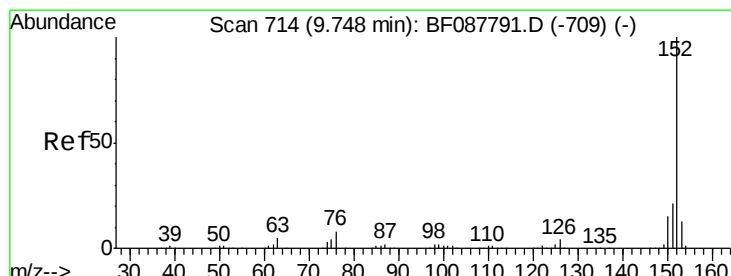
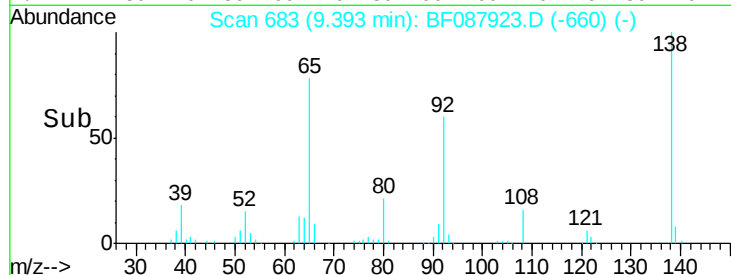
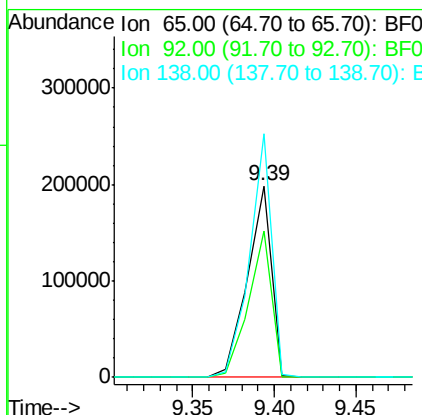
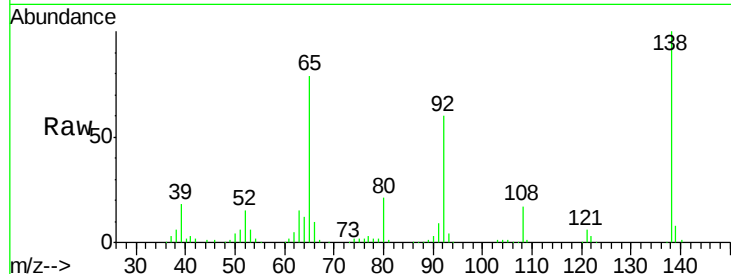
#47
 2-Nitroaniline
 Concen: 42.39 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.7	54.6	82.0
138	127.2	77.0	115.4

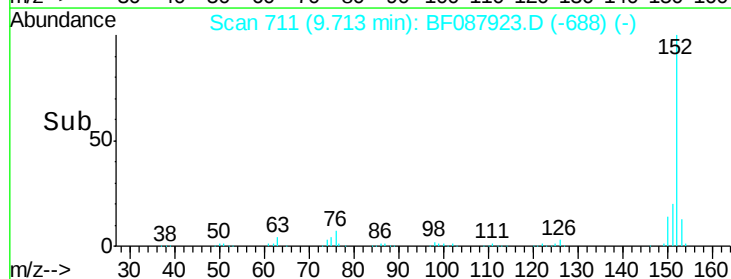
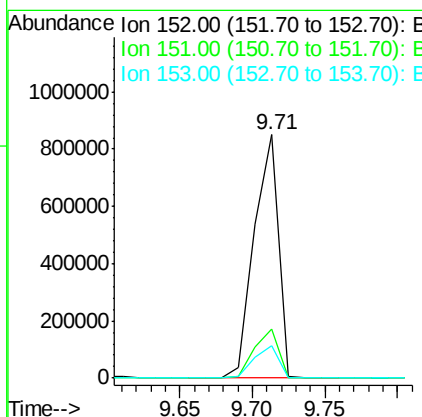
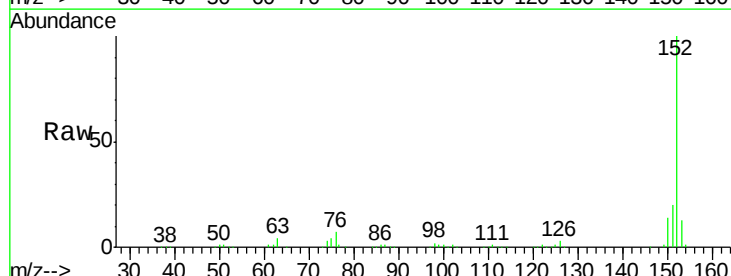
Manual Integrations
 APPROVED

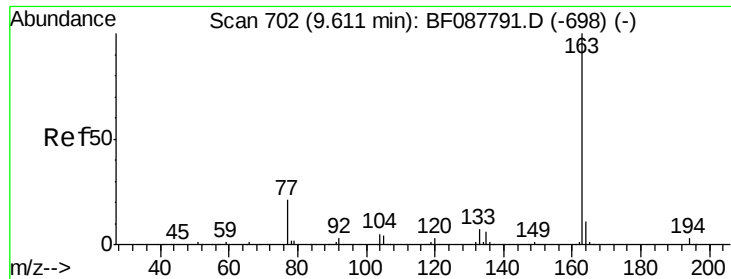
umangi
 6/13/2016 7:44:42 PM



#48
 Acenaphthylene
 Concen: 37.95 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.1	11.0	16.6





#49

Dimethylphthalate

Concen: 34.60 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

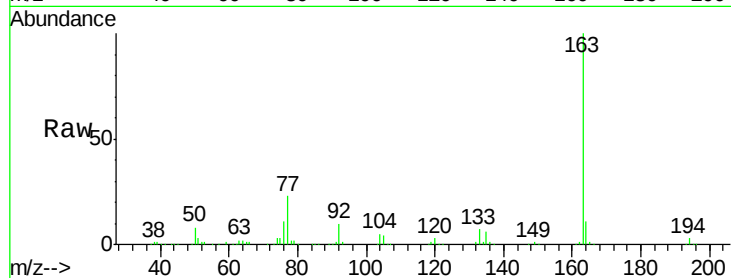
ClientSampleId :

SSTDCCC040

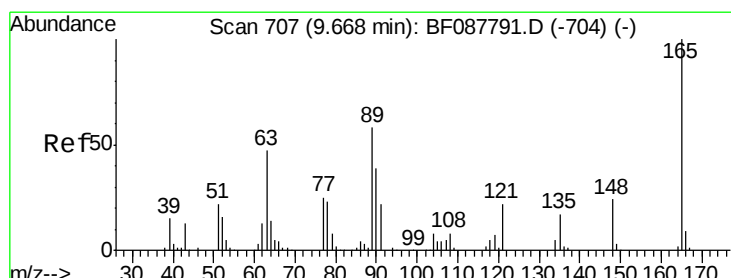
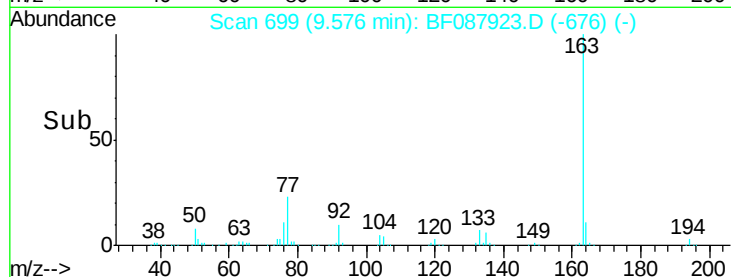
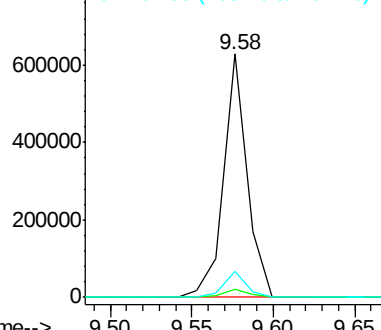
Tot Ion:	163	Resp:	628741
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.7	8.3	12.5

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 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: 35.03 ng

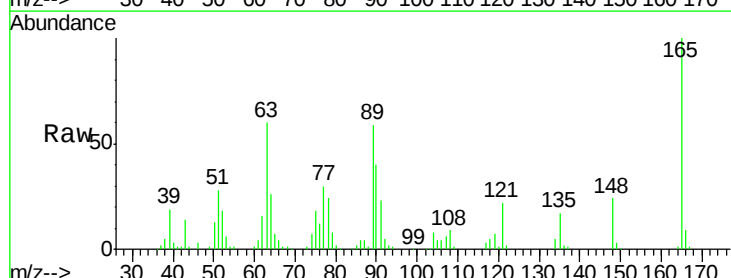
RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

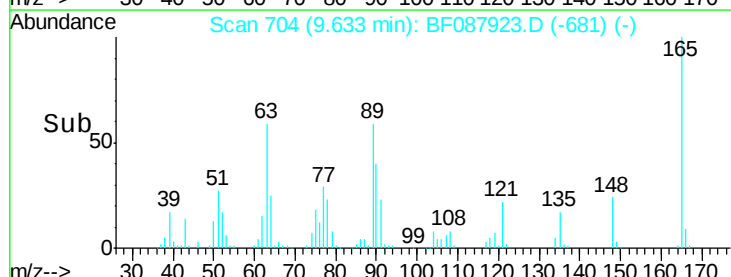
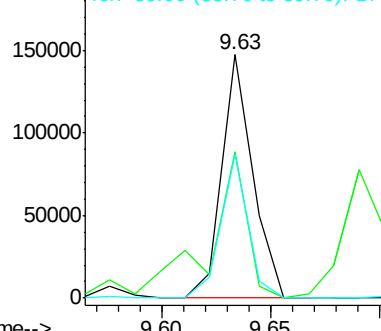
Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	165	Resp:	145768
Ion Ratio	Lower	Upper	
165	100		
63	60.3	28.1	42.1#
89	58.9	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: 39.04 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

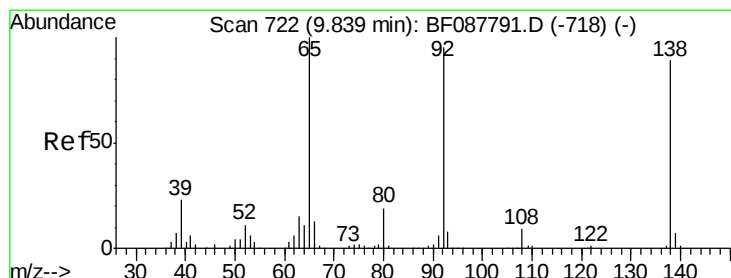
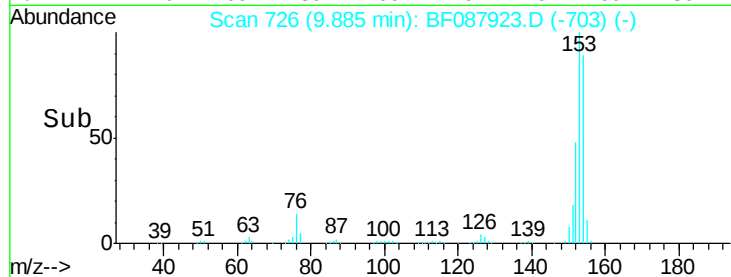
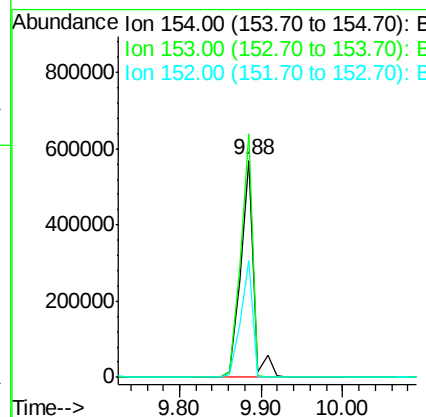
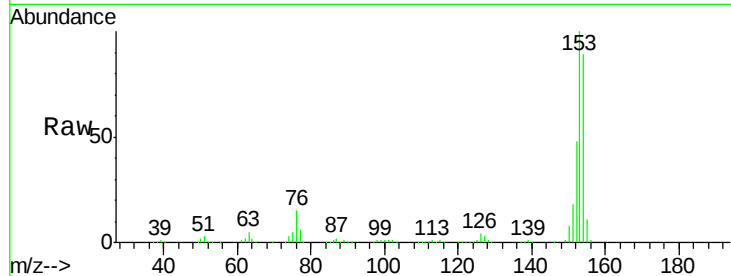
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	628862
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.5	134.3
152	54.1	42.7	64.1

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#52

3-Nitroaniline

Concen: 41.39 ng

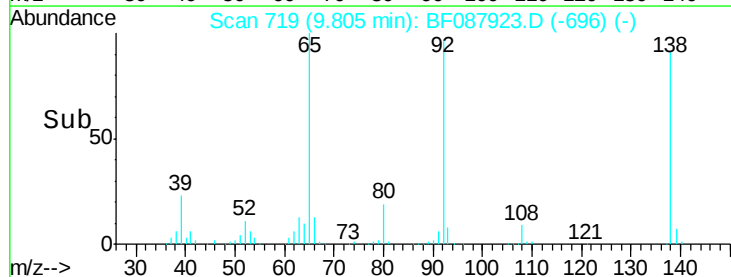
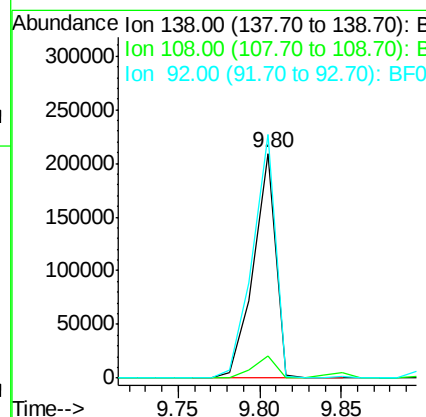
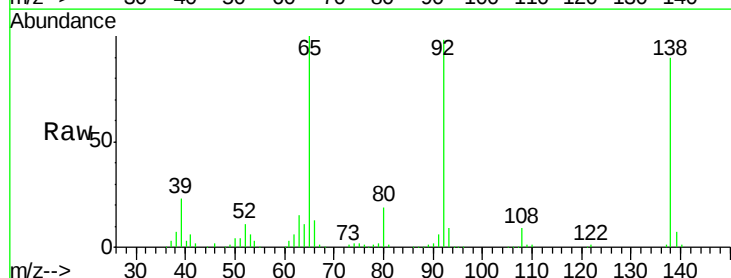
RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	138	Resp:	198740
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.5	12.7
92	108.4	95.7	143.5





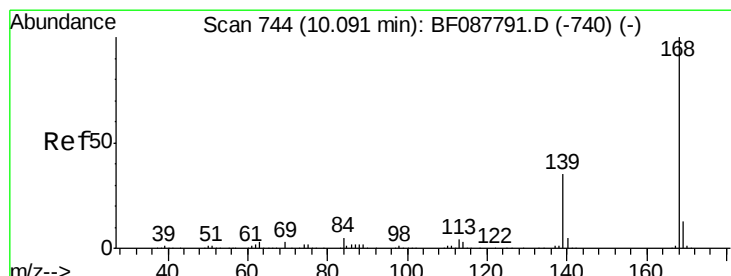
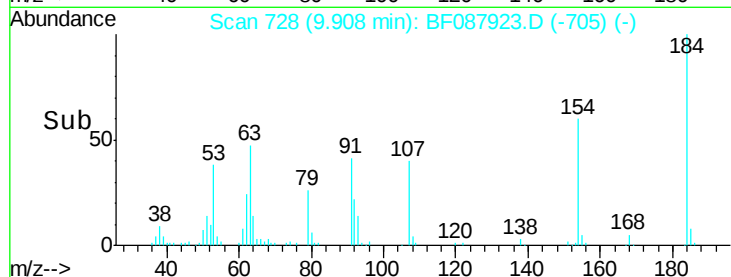
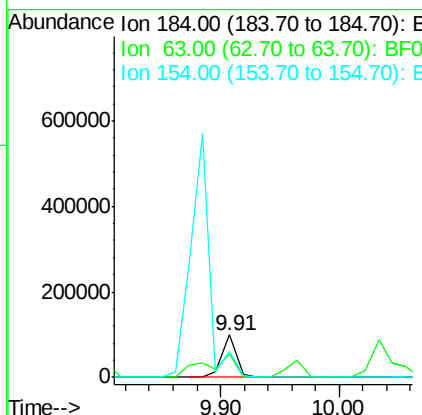
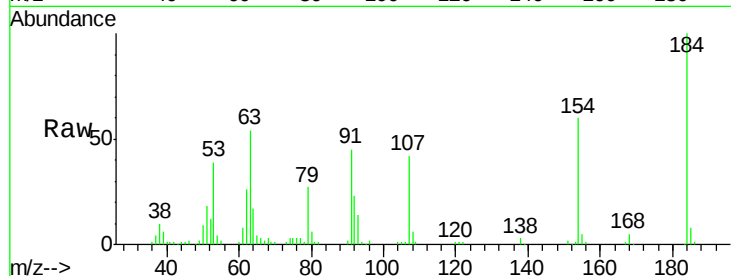
#53
2,4-Dinitrophenol
Concen: 42.65 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	84199		
63	54.2	57.6	86.4#	
154	60.3	53.5	80.3	

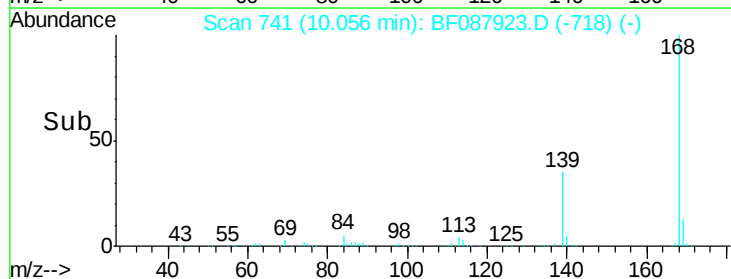
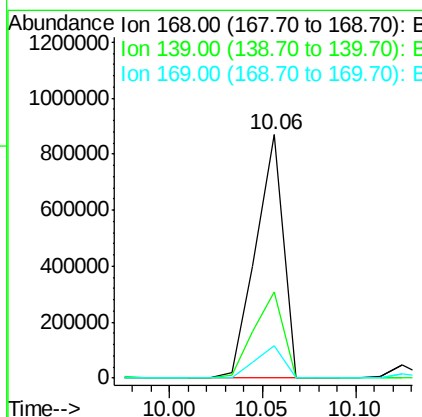
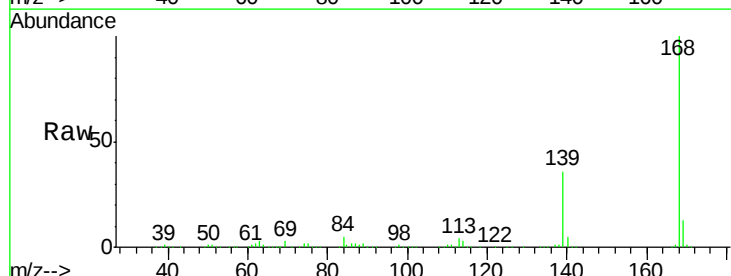
Manual Integrations
APPROVED

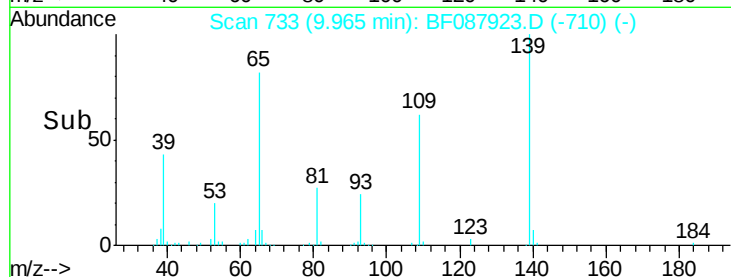
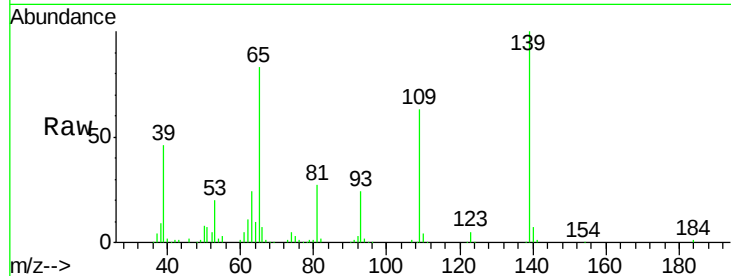
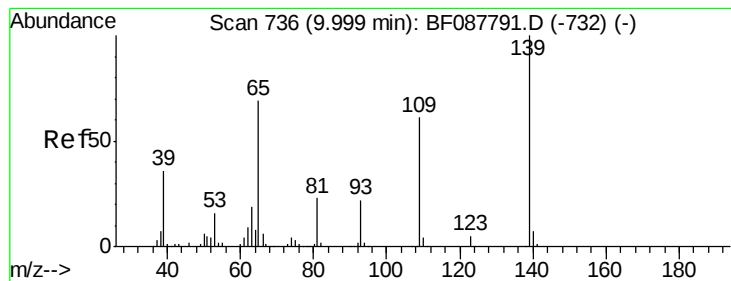
umangi
6/13/2016 7:44:42 PM



#54
Dibenzofuran
Concen: 39.88 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	884697		
139	35.6	26.4	39.6	
169	13.5	10.4	15.6	





#55

4-Nitrophenol

Concen: 42.02 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tot Ion	Ratio	Resp	Lower	Upper
139	100	156598		
109	62.8	48.9	88.9	
65	82.7	84.9	124.9	

Instrument :

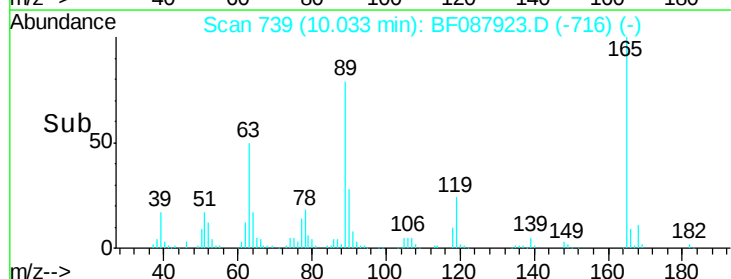
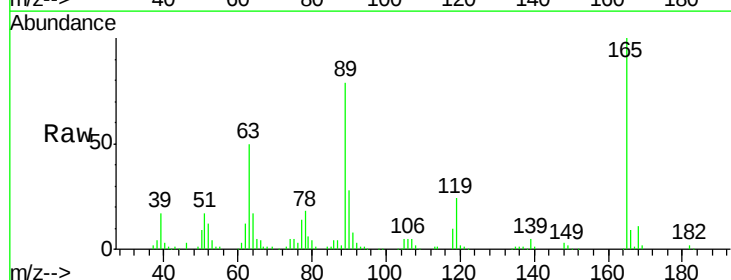
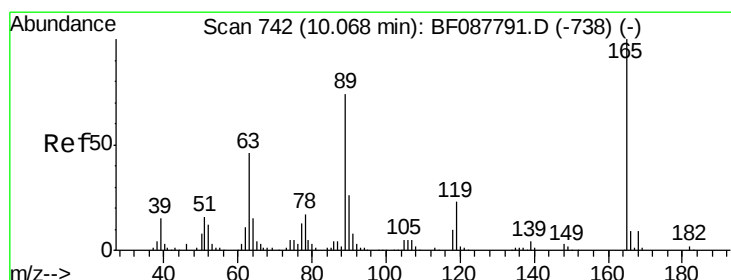
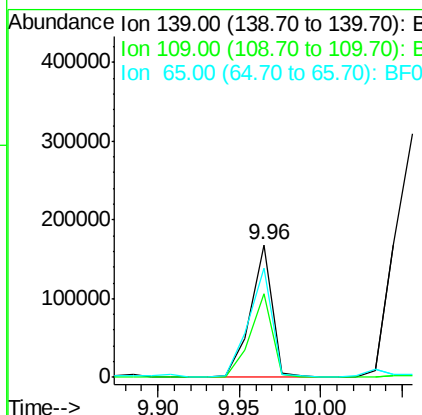
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#56

2,4-Dinitrotoluene

Concen: 35.75 ng

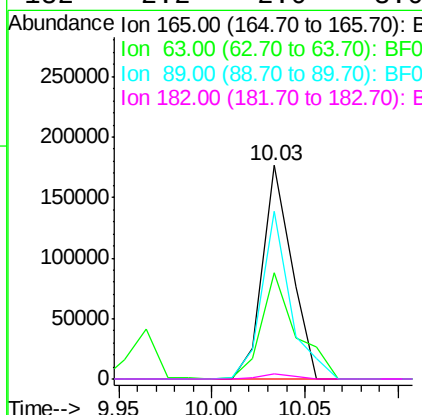
RT: 10.03 min Scan# 739

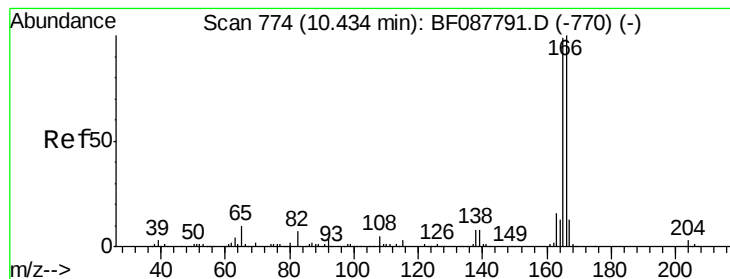
Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191219		
63	49.6	22.0	33.0	
89	78.7	41.1	61.7	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 41.19 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

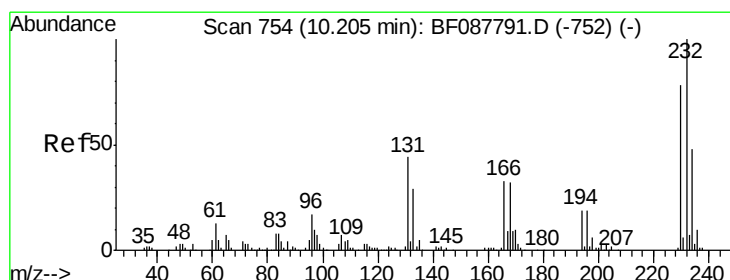
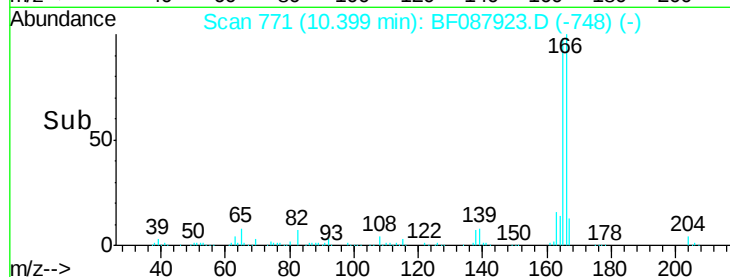
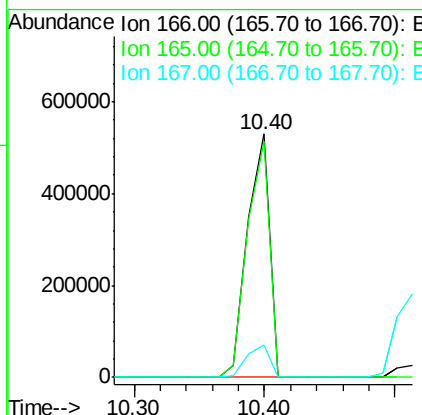
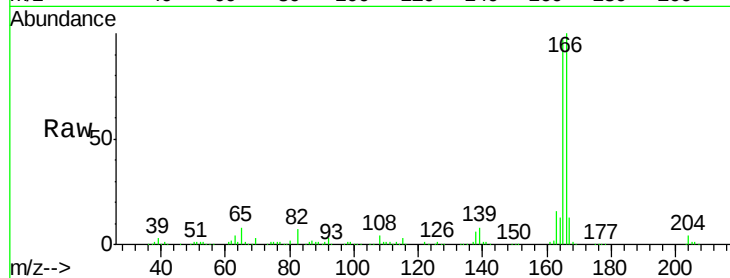
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	623586
Ion Ratio	Lower	Upper	
166	100		
165	97.0	77.8	116.8
167	13.1	11.2	16.8

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.58 ng

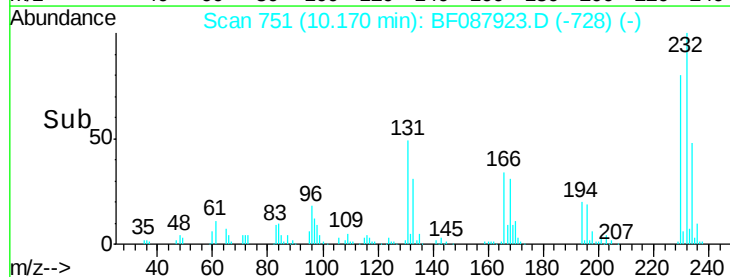
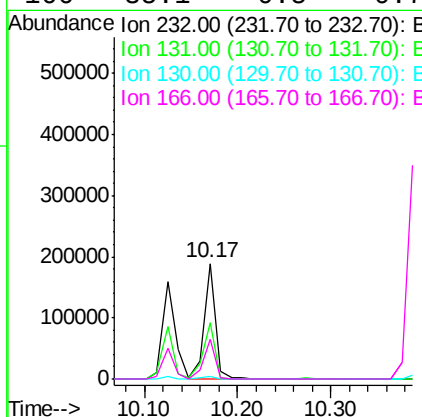
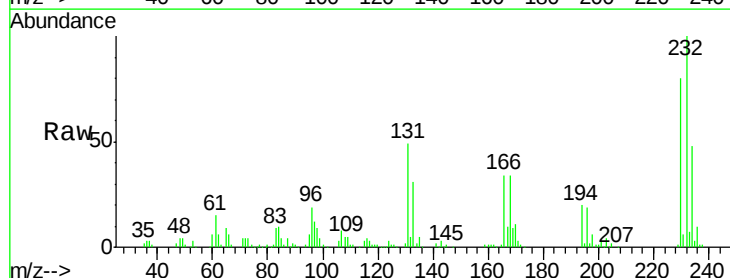
RT: 10.17 min Scan# 751

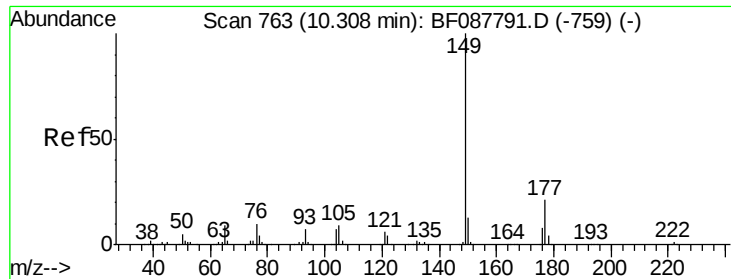
Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	232	Resp:	162318
Ion Ratio	Lower	Upper	
232	100		
131	51.4	0.9	1.3#
130	2.5	1.5	2.3#
166	35.1	0.5	0.7#





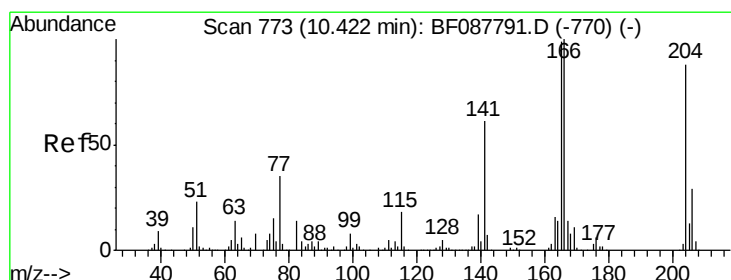
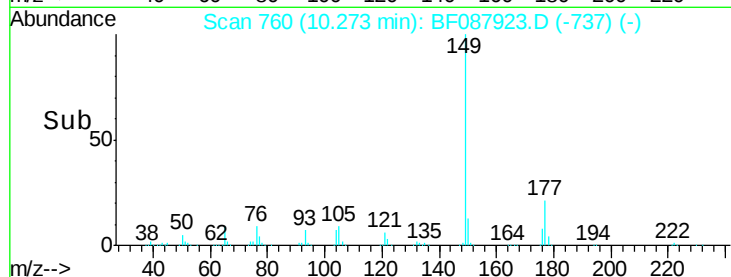
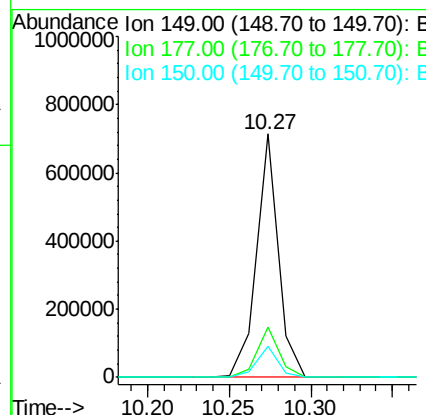
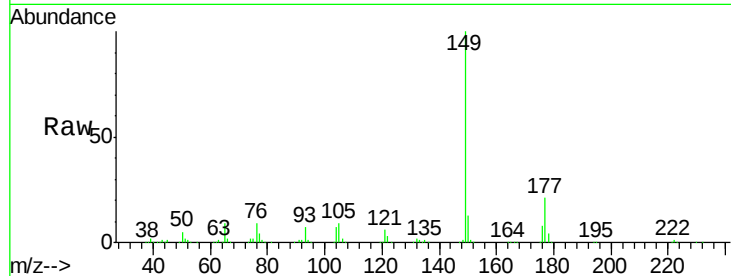
#59
Diethylphthalate
Concen: 36.18 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	20.8	16.9	25.3
150	12.8	10.1	15.1

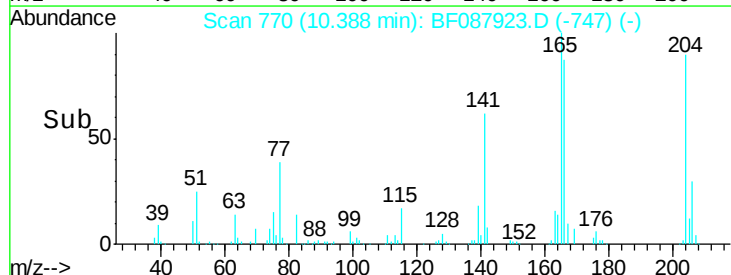
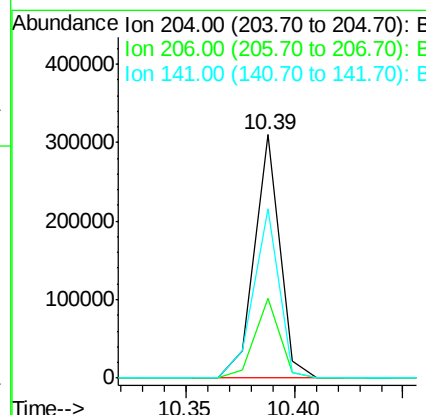
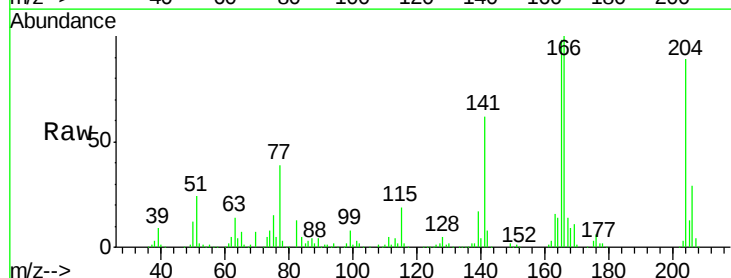
Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.08 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.7	26.3	39.5
141	69.8	55.0	82.6





#61

4-Nitroaniline

Concen: 42.27 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

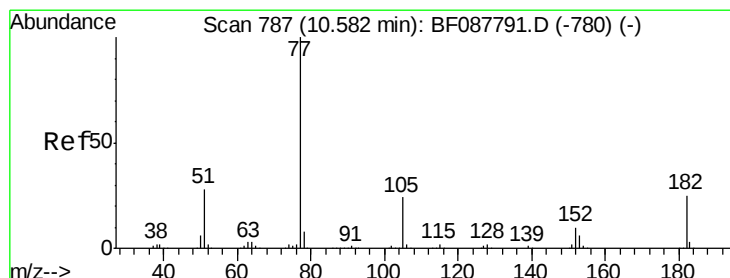
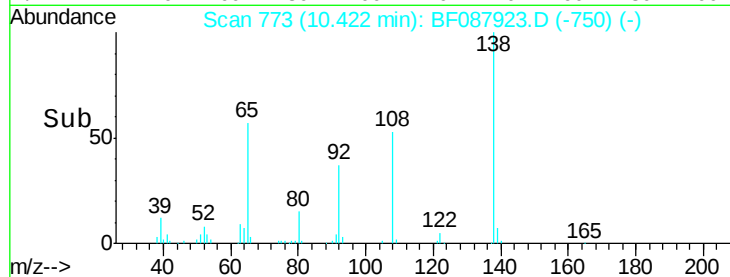
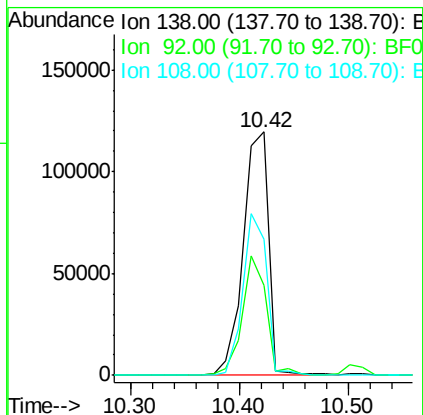
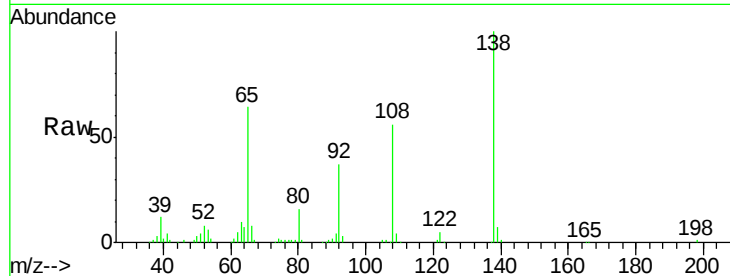
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	192545
Ion Ratio	Lower	Upper	
138	100		
92	36.8	27.3	67.3
108	55.7	46.7	86.7

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#62

Azobenzene

Concen: 37.98 ng

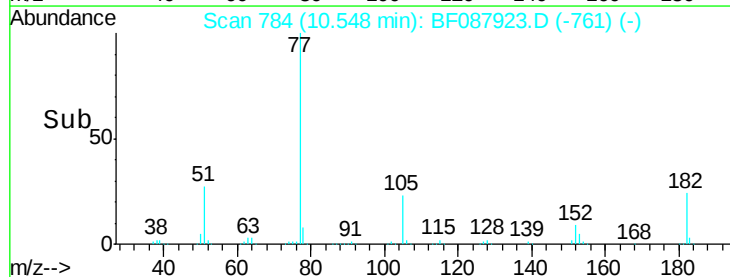
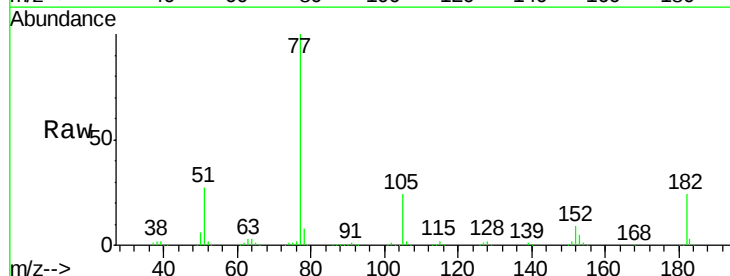
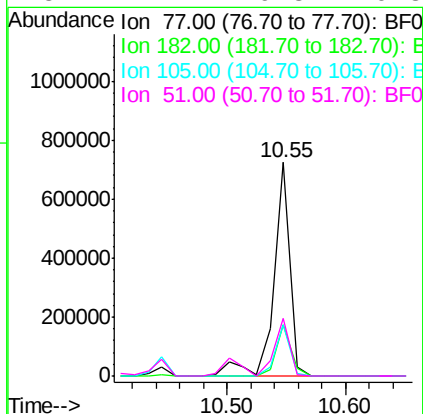
RT: 10.55 min Scan# 784

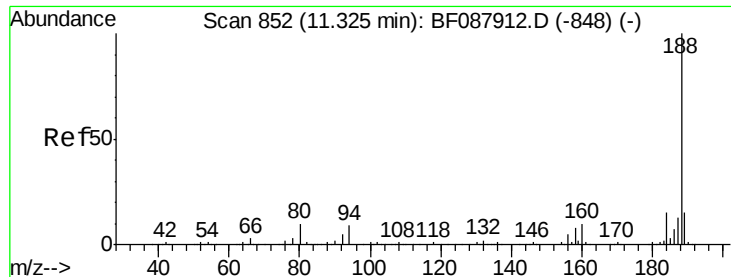
Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	77	Resp:	690880
Ion Ratio	Lower	Upper	
77	100		
182	24.2	4.4	44.4
105	24.2	3.8	43.8
51	27.1	9.3	49.3





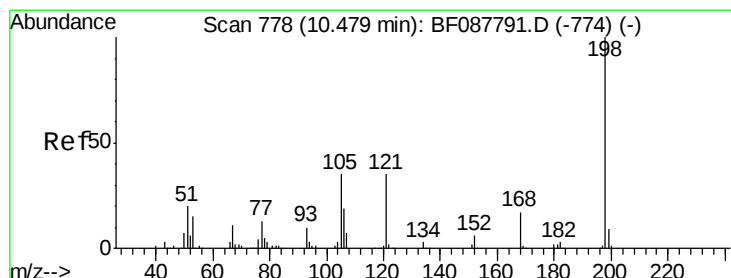
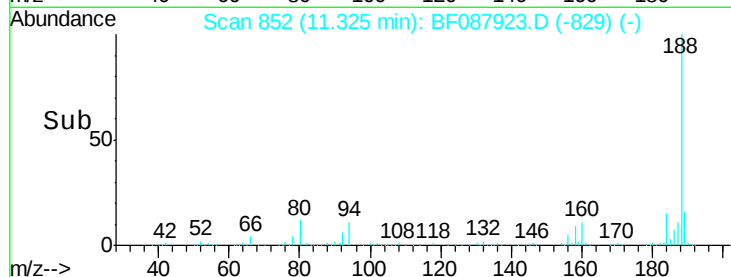
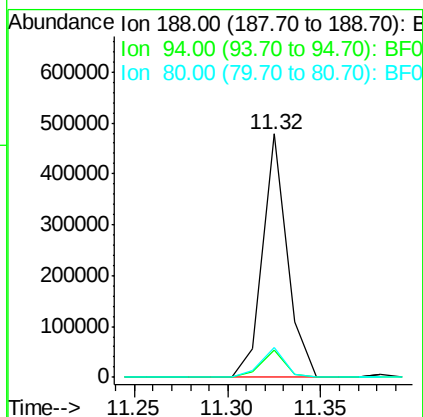
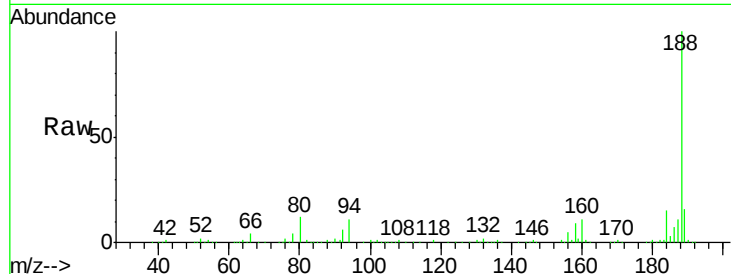
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442967		
94	11.4		9.0	13.6
80	12.3		10.0	15.0

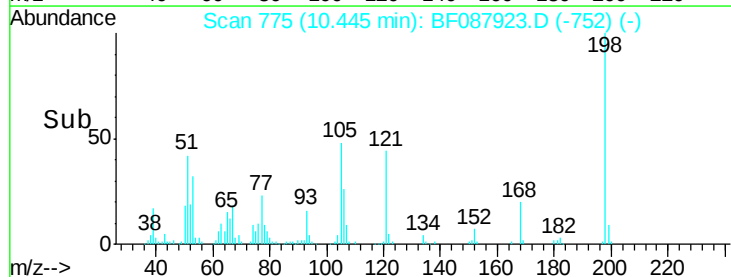
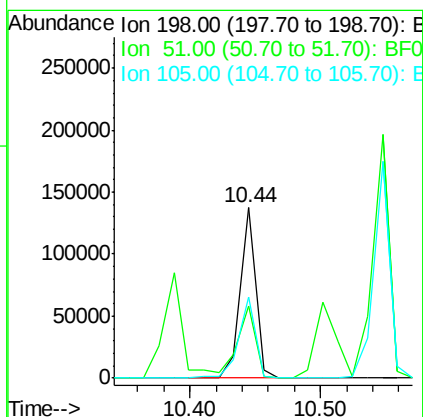
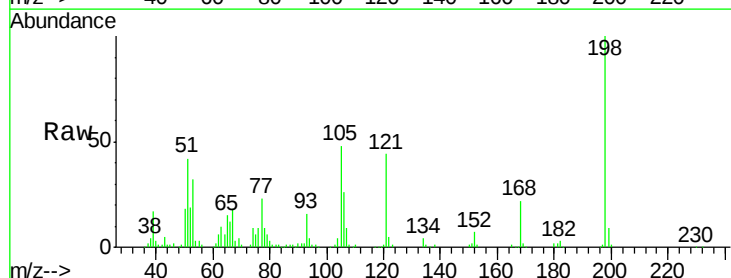
Manual Integrations
APPROVED

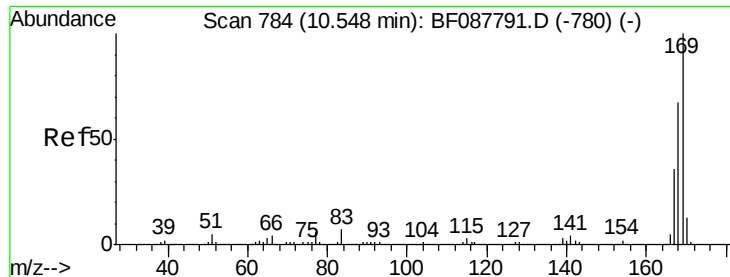
umangi
6/13/2016 7:44:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.13 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112859		
51	42.0		39.6	79.6
105	47.6		36.6	76.6





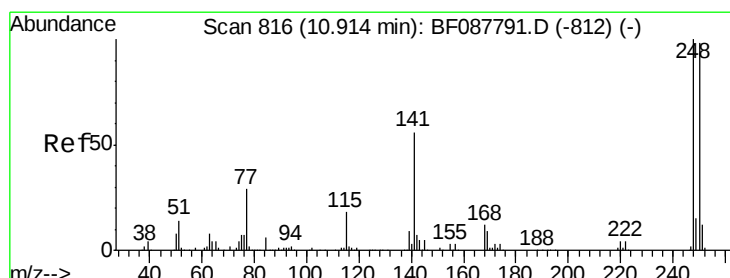
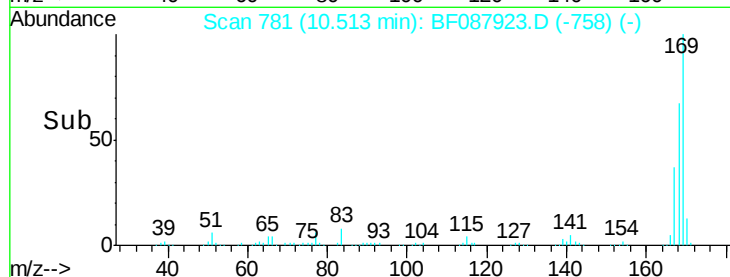
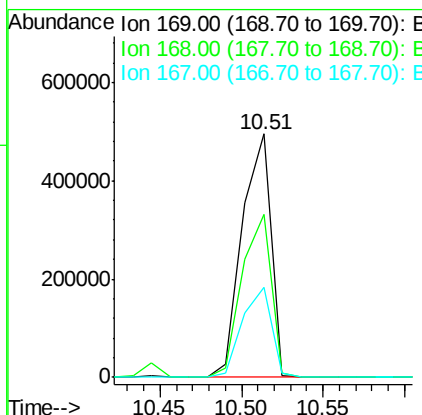
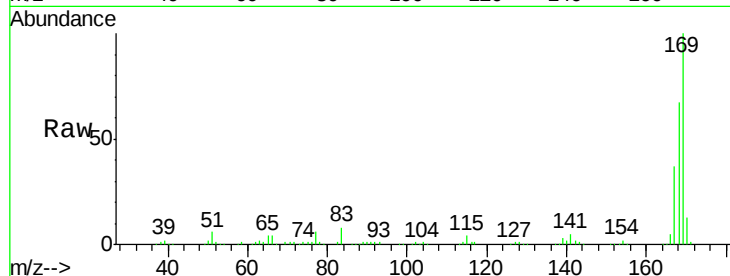
#65
n-Nitrosodiphenylamine
Concen: 41.12 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	604456		
168	67.1		53.4	80.0
167	36.9		29.4	44.0

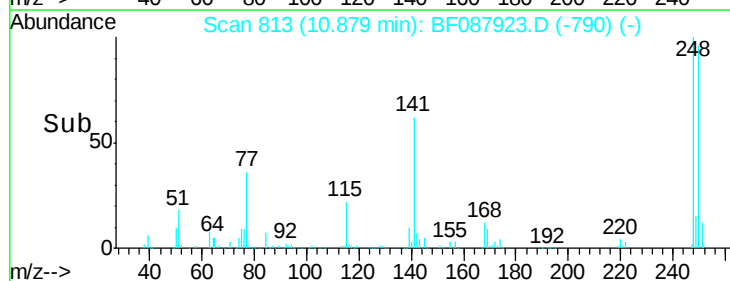
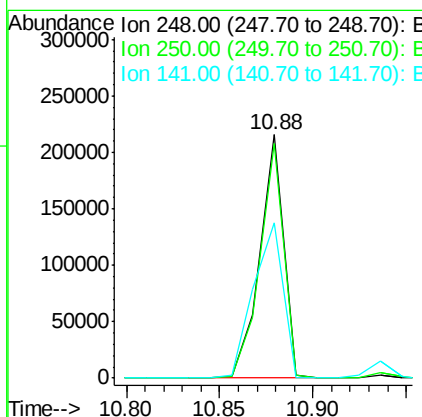
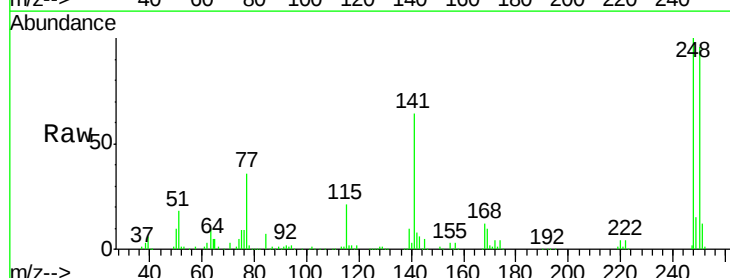
Manual Integrations
APPROVED

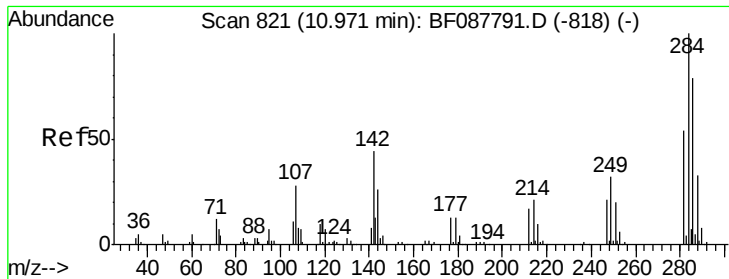
umangi
6/13/2016 7:44:42 PM



#66
4-Bromophenyl-phenylether
Concen: 39.72 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	188750		
250	96.4		77.1	115.7
141	63.7		50.6	76.0





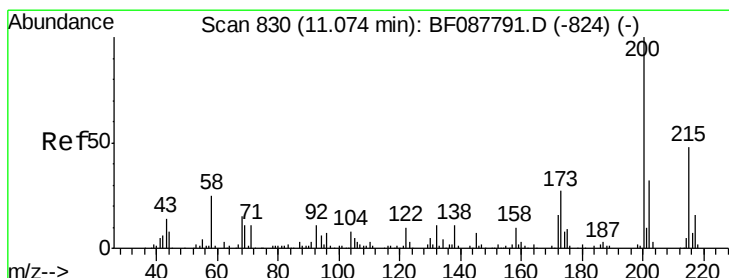
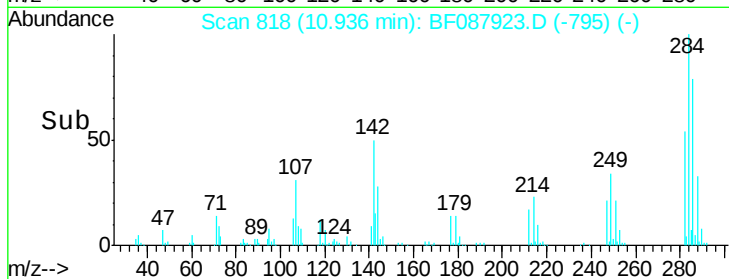
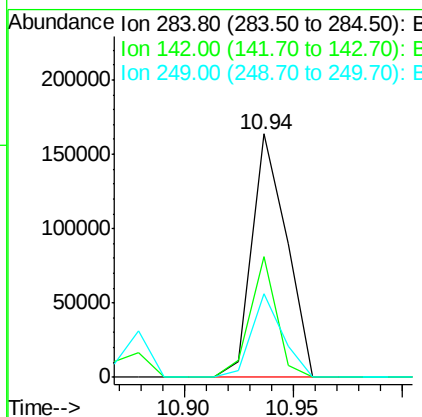
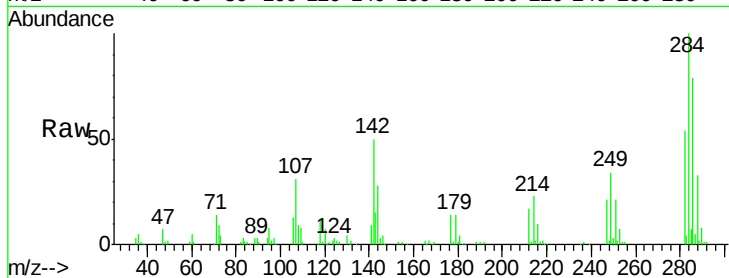
#67
Hexachlorobenzene
Concen: 36.70 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	284	Resp:	181196
Ion Ratio		Lower	Upper
284	100		
142	49.5	35.8	53.8
249	34.1	25.8	38.6

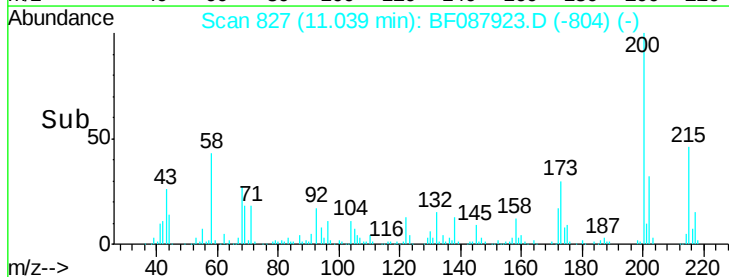
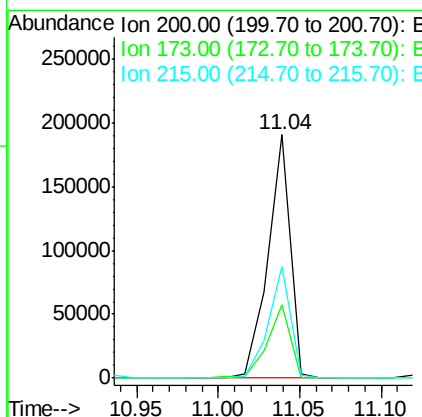
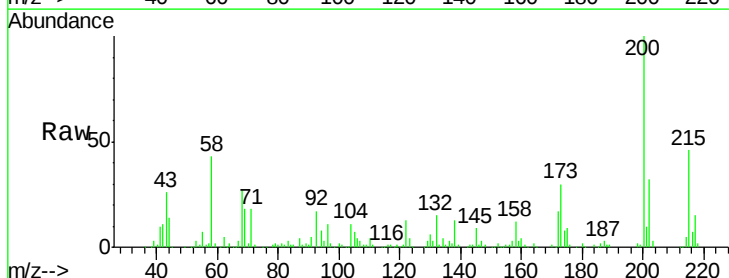
Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#68
Atrazine
Concen: 40.94 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion:	200	Resp:	182217
Ion Ratio		Lower	Upper
200	100		
173	29.9	4.0	44.0
215	45.7	29.3	69.3





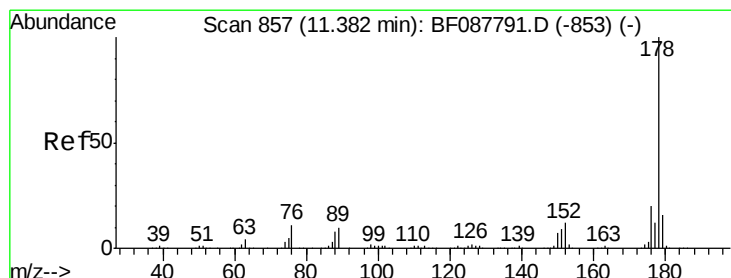
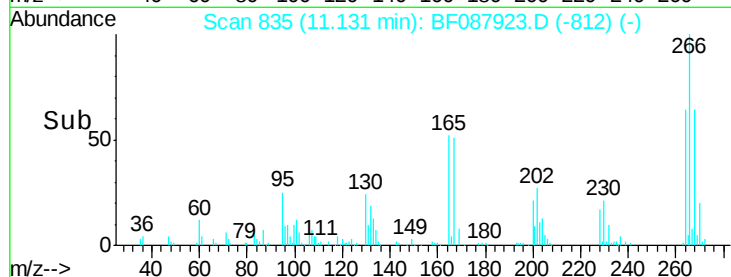
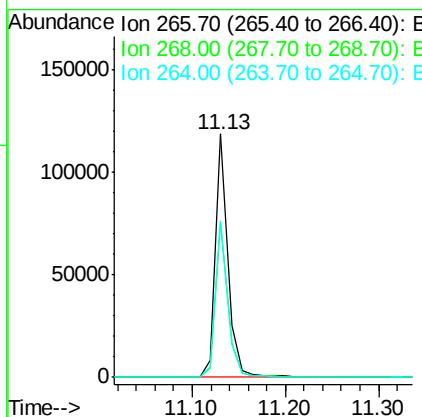
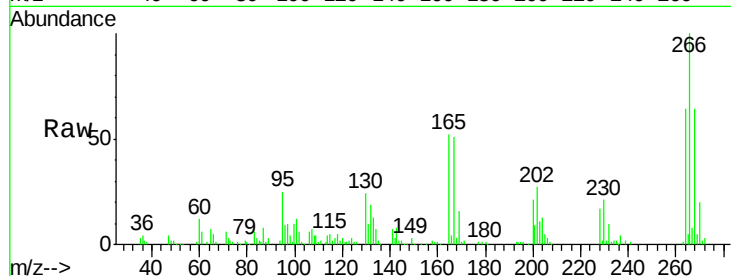
#69
 Pentachlorophenol
 Concen: 42.35 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	110218		
268	63.9	52.8	79.2	
264	64.2	49.6	74.4	

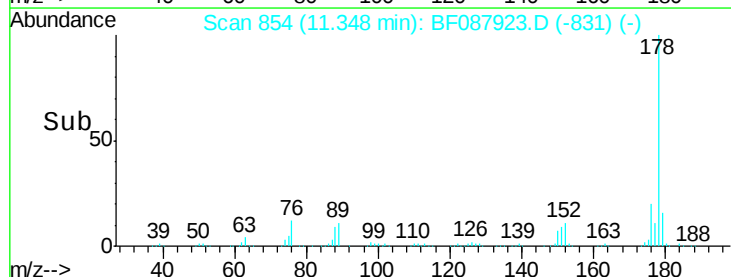
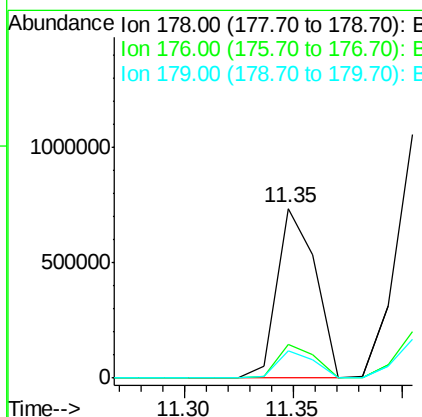
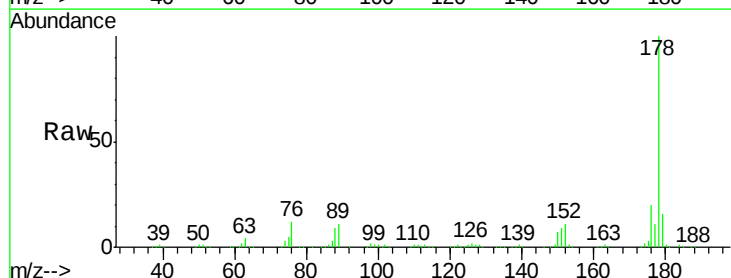
Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM



#70
 Phenanthrene
 Concen: 39.05 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	907765		
176	19.5	15.8	23.6	
179	16.1	13.0	19.4	





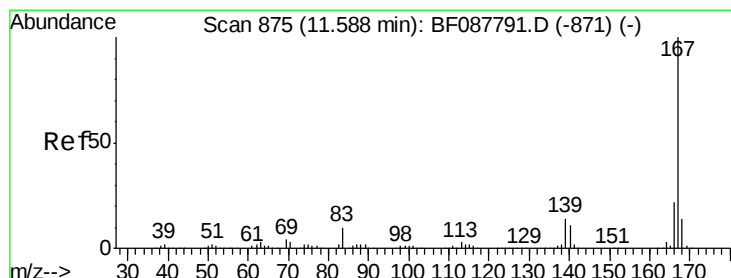
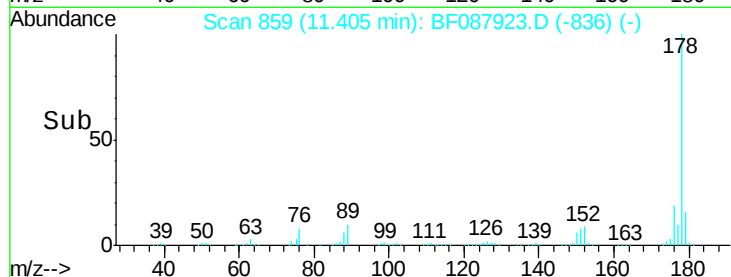
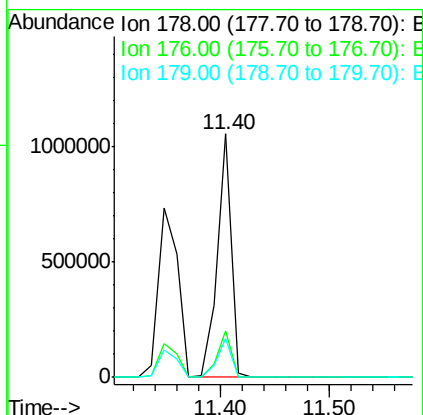
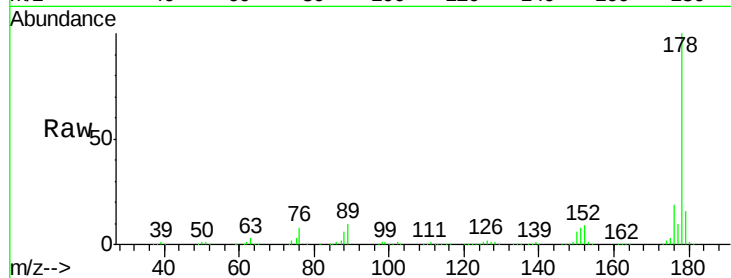
#71
 Anthracene
 Concen: 40.96 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

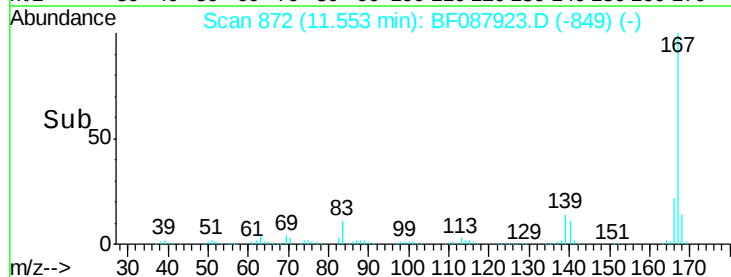
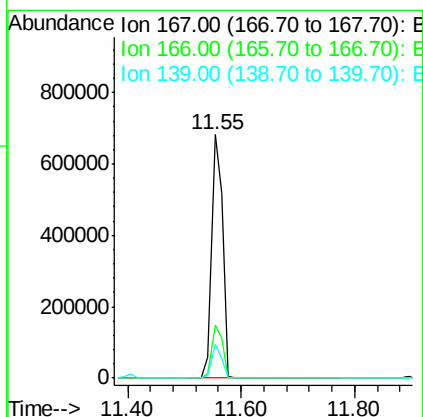
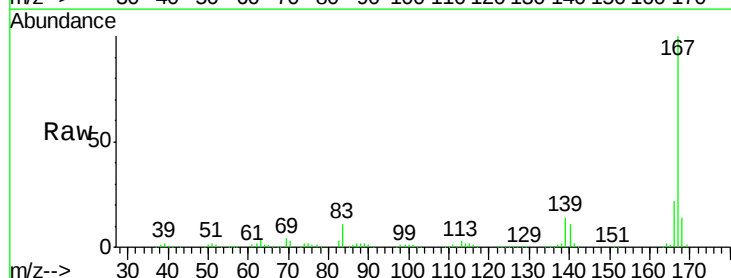
Manual Integrations
 APPROVED

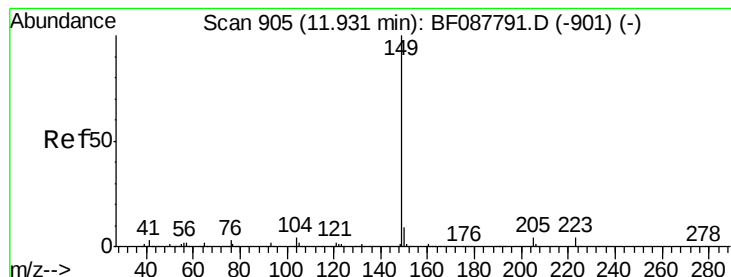
umangi
 6/13/2016 7:44:42 PM



#72
 Carbazole
 Concen: 39.89 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	14.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 37.13 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1031180

Ion Ratio Lower Upper

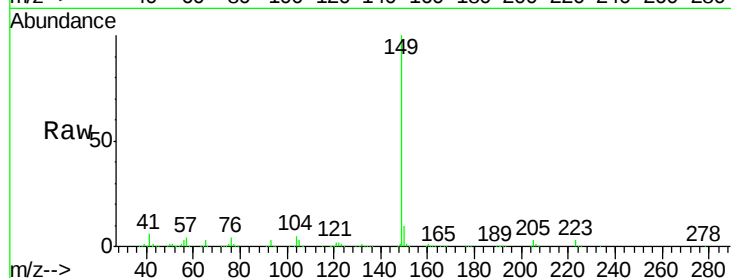
149 100

150 9.7 7.8 11.6

104 4.9 4.0 6.0

Manual Integrations
APPROVED

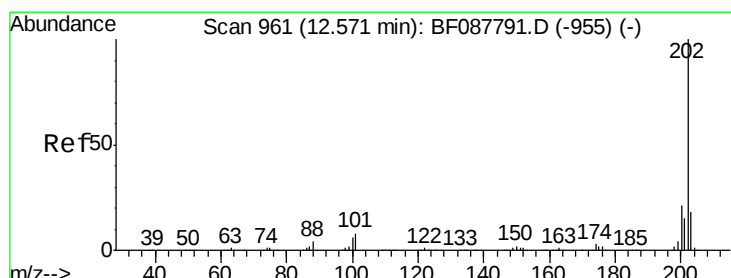
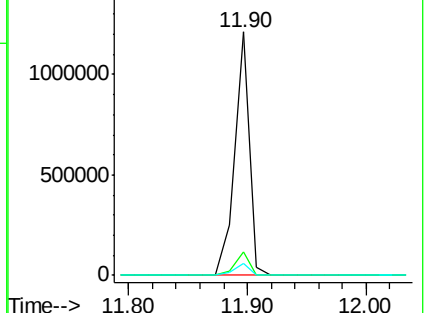
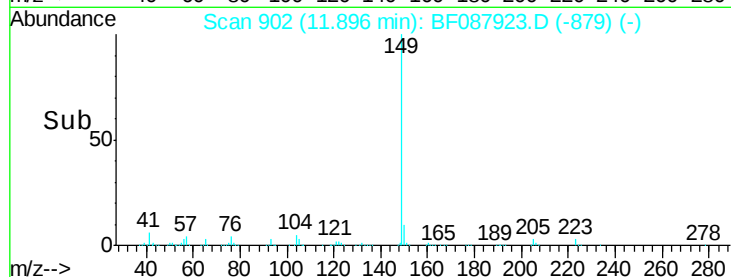
umangi
6/13/2016 7:44:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.26 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

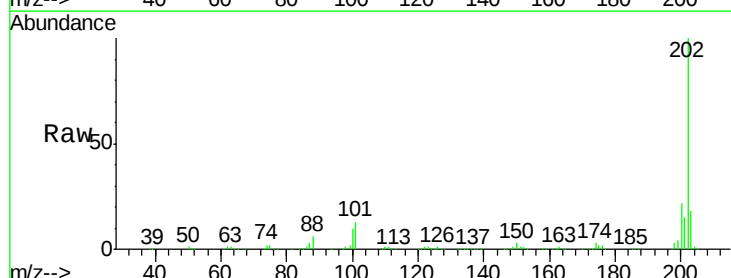
Tgt Ion:202 Resp: 815853

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.1

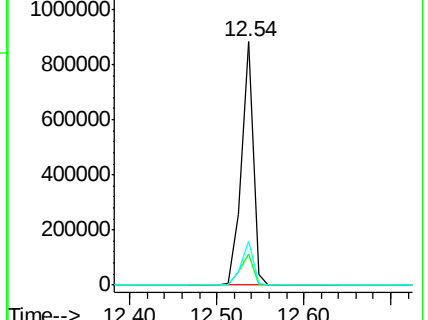
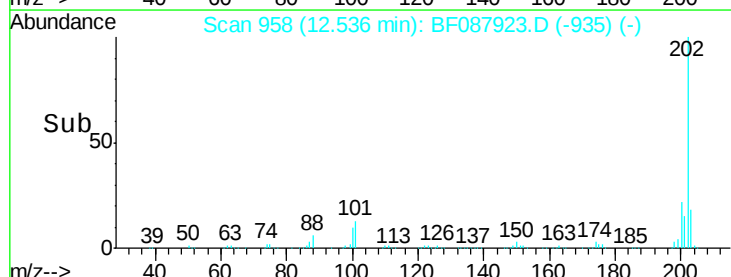
203 18.3 0.0 38.1

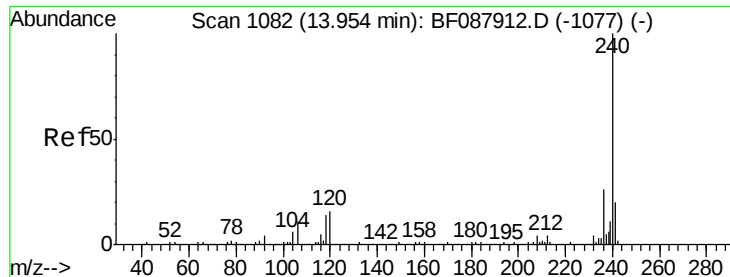


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

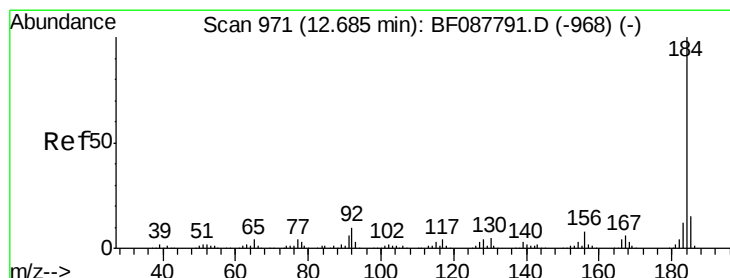
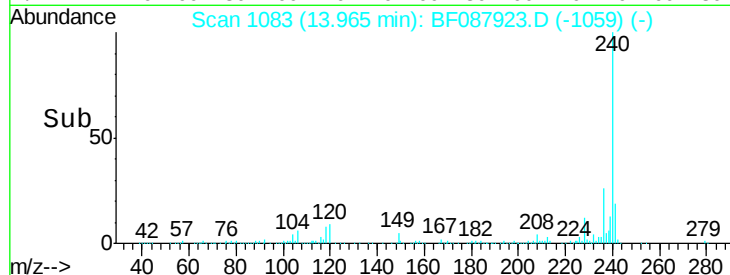
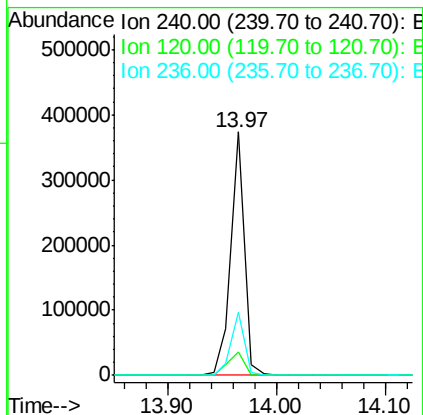
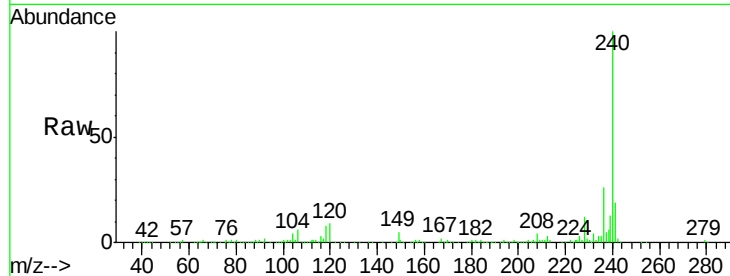
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	321895
Ion Ratio	Lower	Upper	
240	100		
120	9.4	6.8	10.2
236	25.8	20.2	30.2

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#76

Benzidine

Concen: 45.56 ng

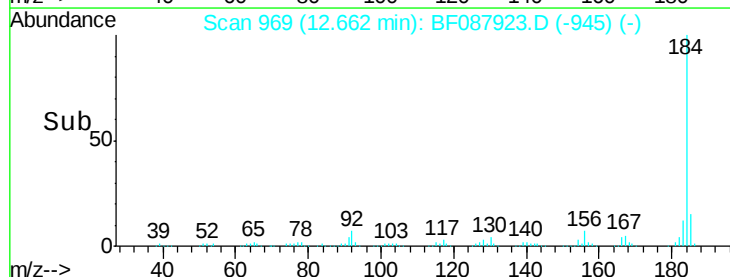
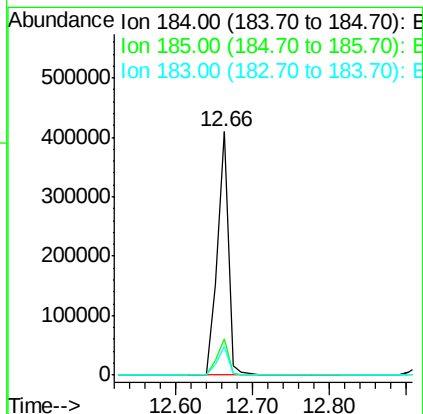
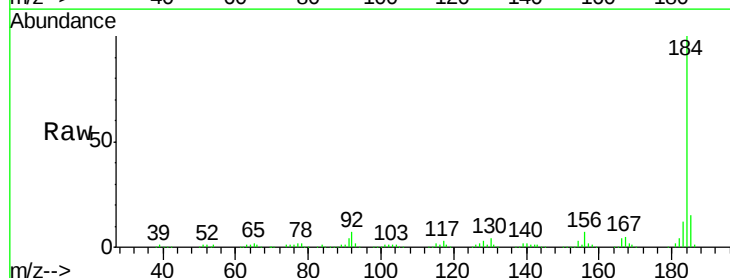
RT: 12.66 min Scan# 969

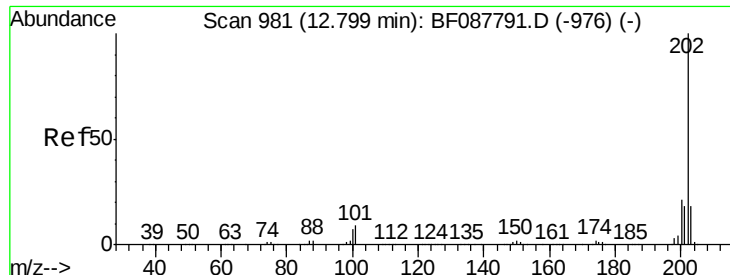
Delta R.T. -0.02 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	184	Resp:	406052
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.5	18.7
183	11.7	9.3	13.9





#77

Pvrene

Concen: 35.43 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

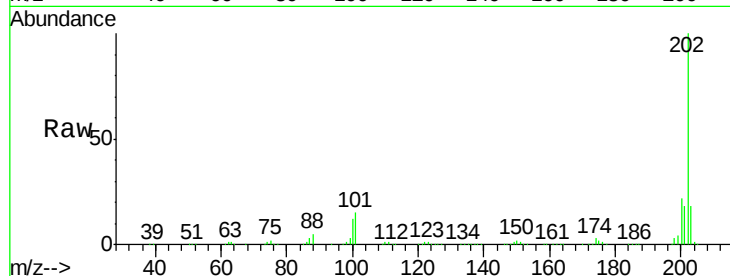
ClientSampleId :

SSTDCCC040

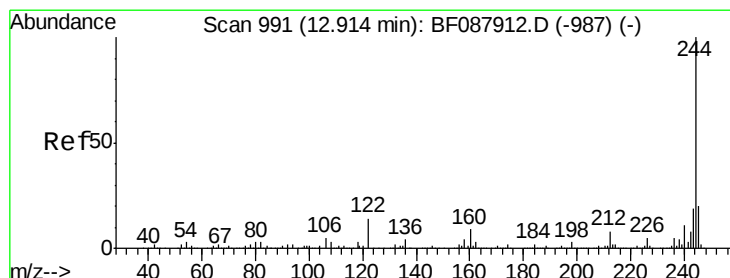
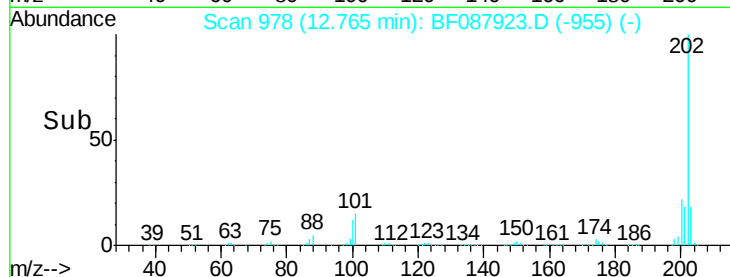
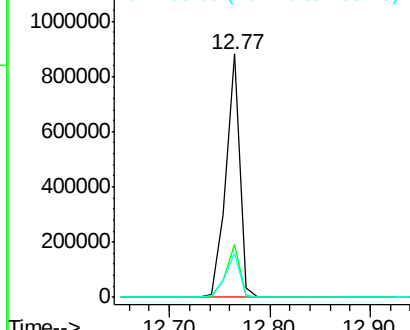
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.5	21.7

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



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



#78

Terphenyl-d14

Concen: 61.20 ng

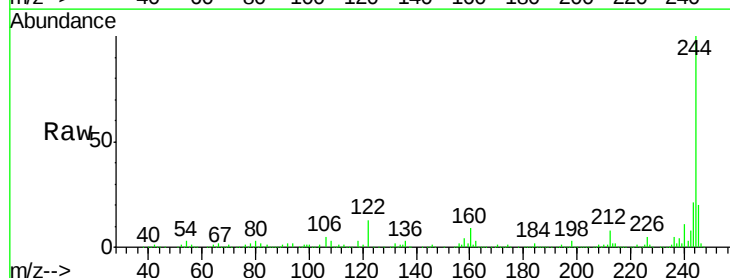
RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

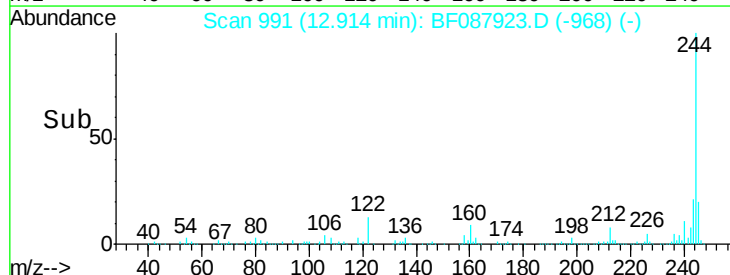
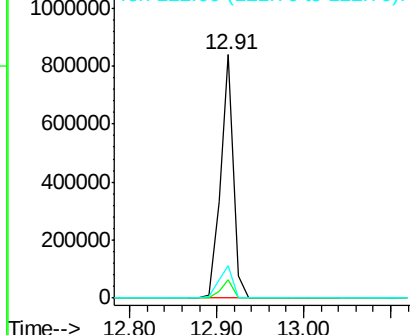
Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.5	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 39.51 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

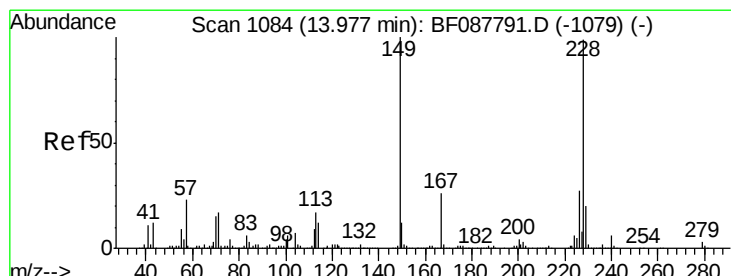
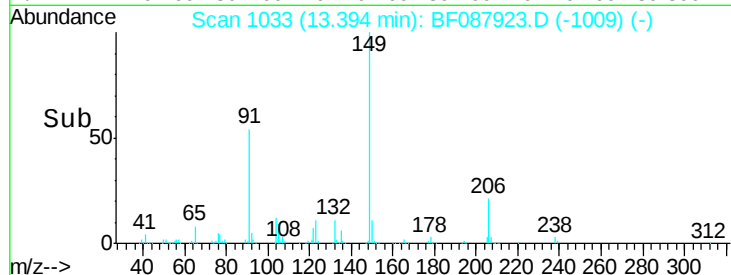
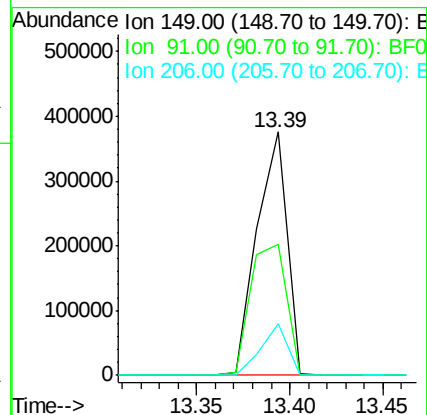
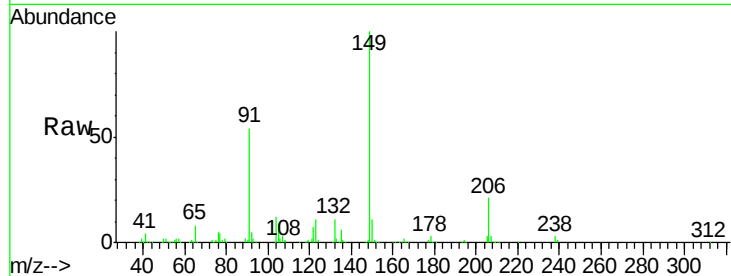
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	417265
Ion Ratio	Lower	Upper	
149	100		
91	53.7	48.0	72.0
206	21.3	16.0	24.0

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#80

Benzo(a)anthracene

Concen: 34.96 ng

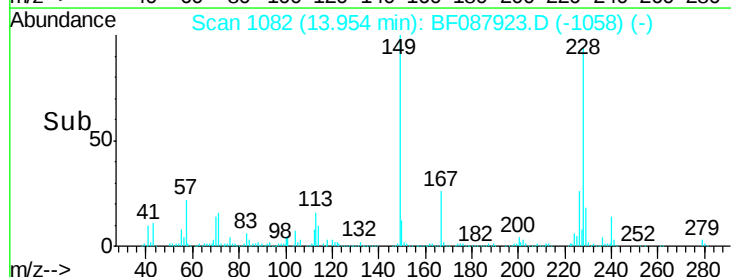
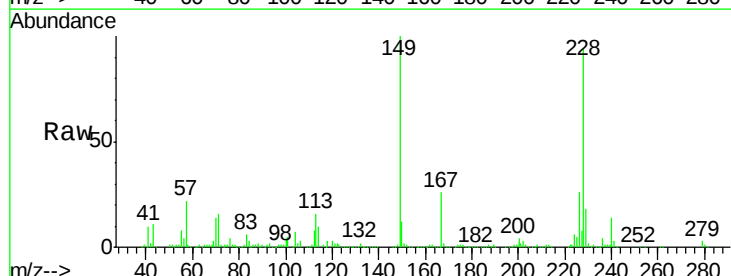
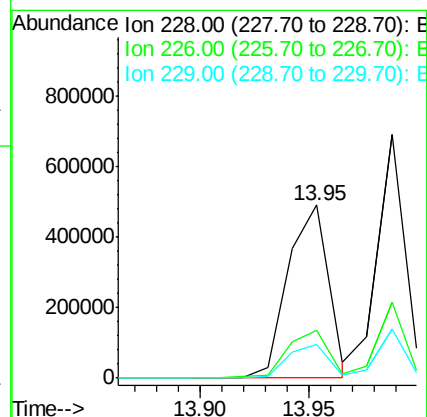
RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	228	Resp:	641281
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.3	33.5
229	19.6	16.0	24.0





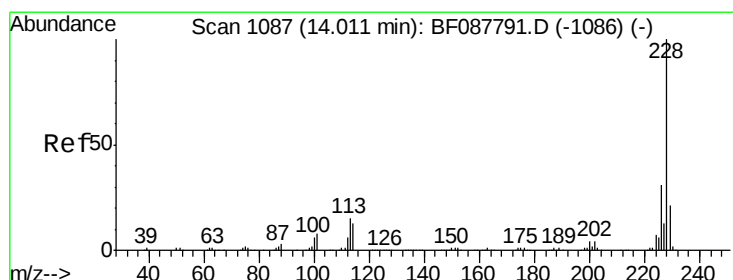
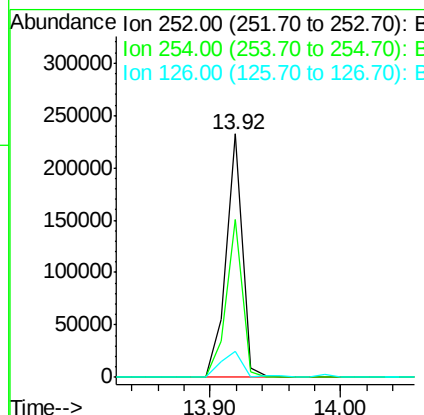
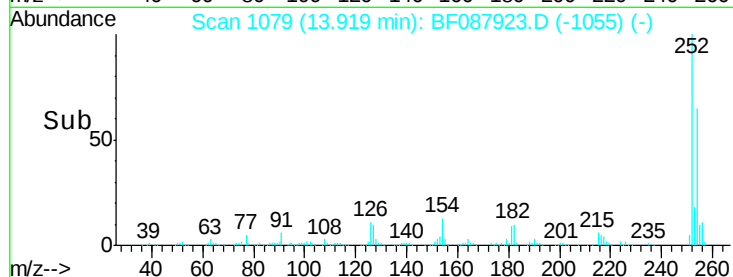
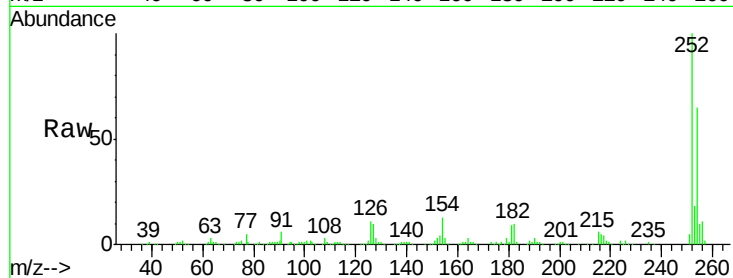
#81
 3,3'-Dichlorobenzidine
 Concen: 41.54 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	78.8
126	10.5	6.2	9.2

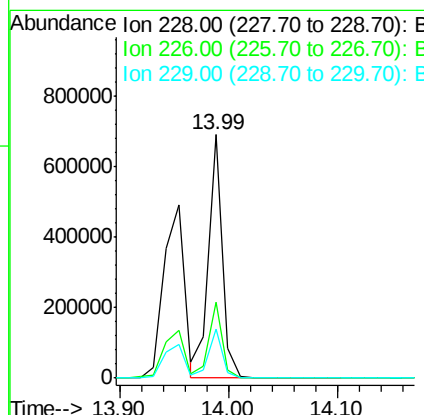
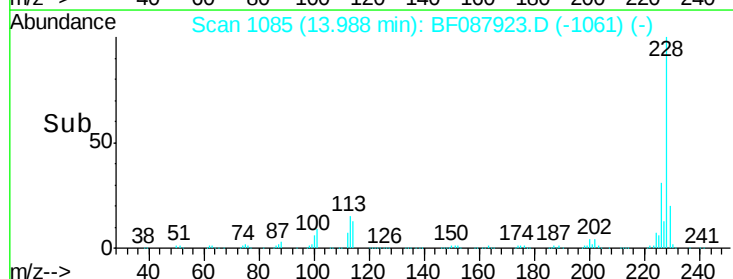
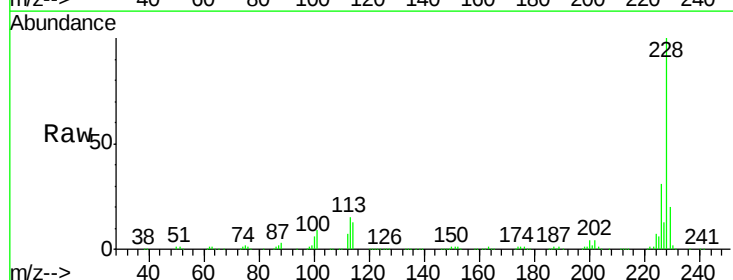
Manual Integrations
 APPROVED

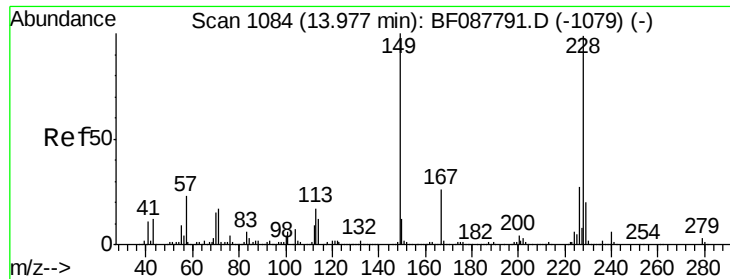
umangi
 6/13/2016 7:44:42 PM



#82
 Chrysene
 Concen: 35.92 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	20.3	16.3	24.5





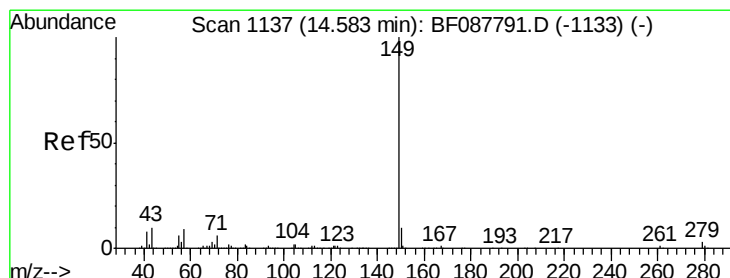
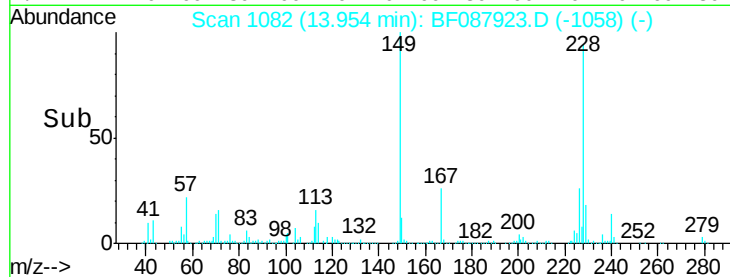
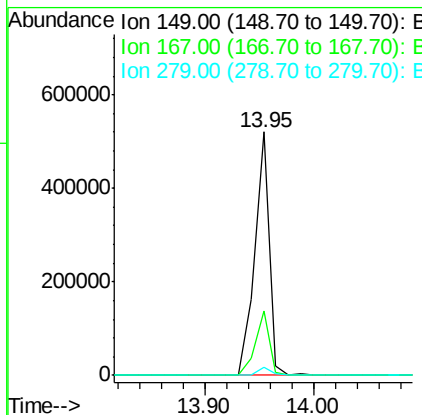
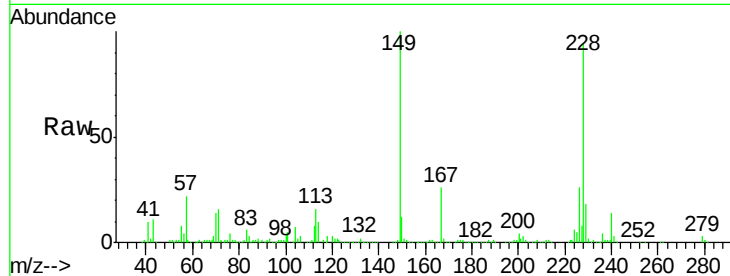
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.95 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	487931		
167	26.4	20.5	30.7	
279	3.1	2.0	3.0	

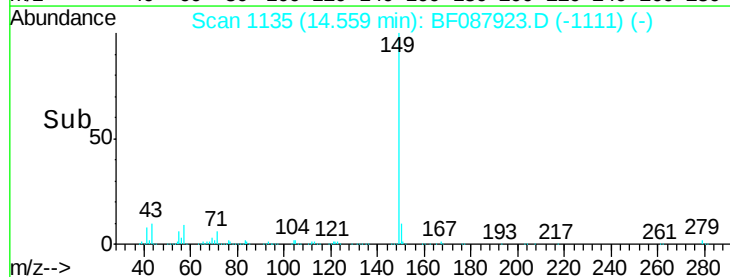
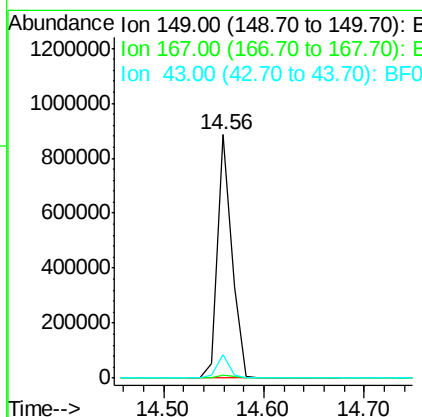
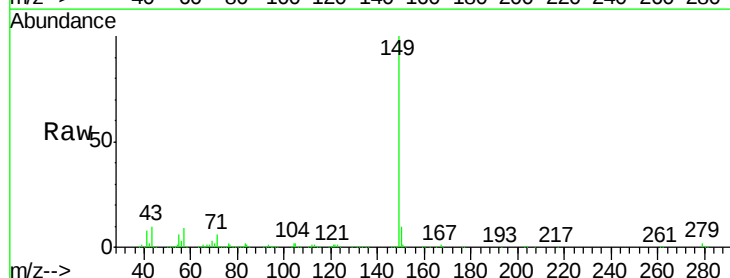
Manual Integrations
 APPROVED

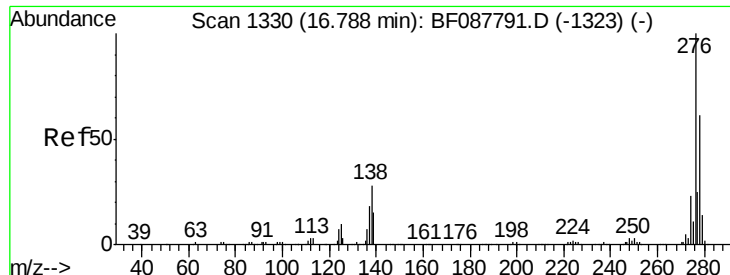
umangi
 6/13/2016 7:44:42 PM



#84
 Di-n-octyl phthalate
 Concen: 42.04 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878132		
167	1.5	0.0	0.0	
43	8.6	0.0	0.0	





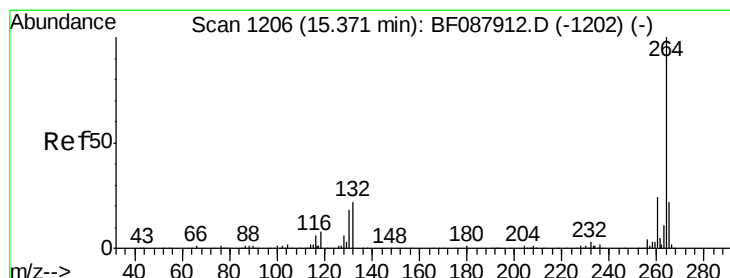
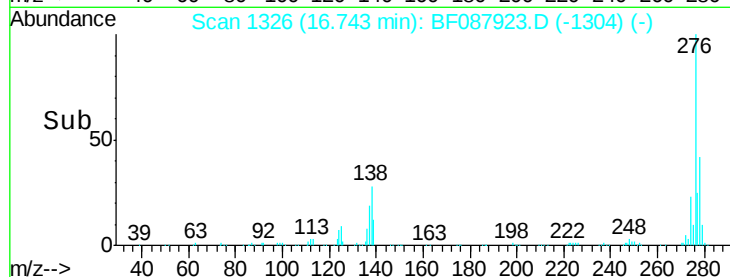
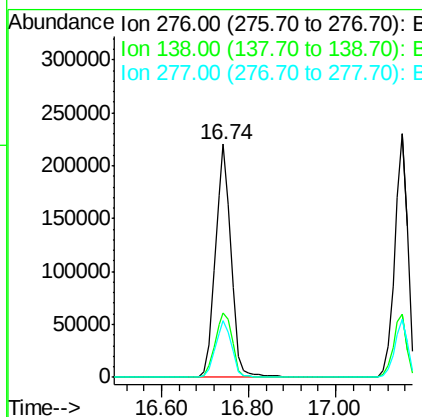
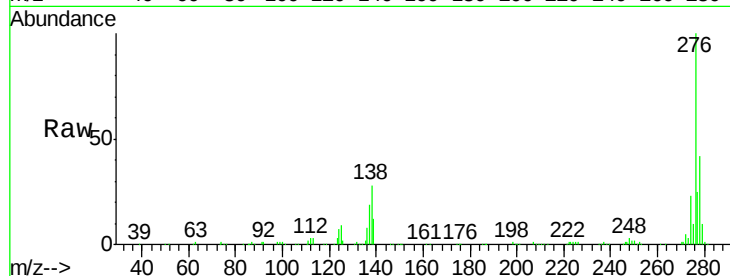
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.37 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.4	0.0	0.0#
277	25.2	0.0	0.0#

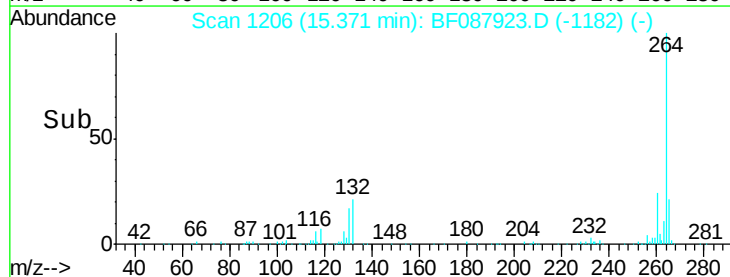
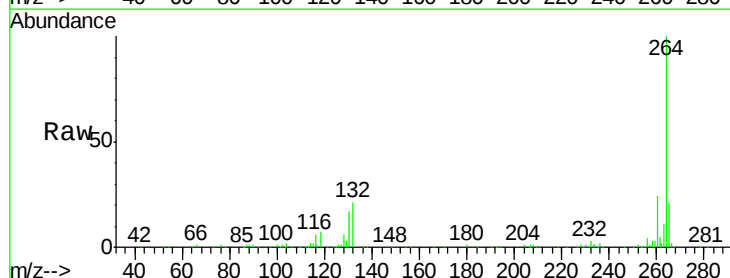
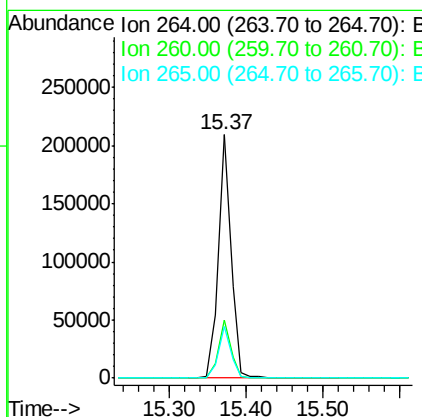
Manual Integrations
APPROVED

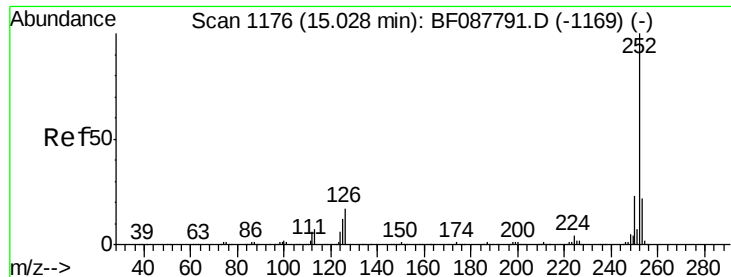
umangi
6/13/2016 7:44:42 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087923.D
Acq: 12 Jun 2016 2:25

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 34.29 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

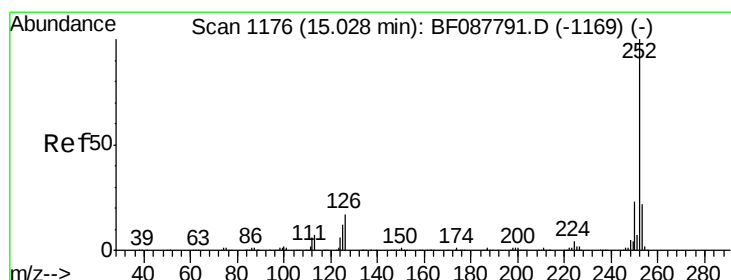
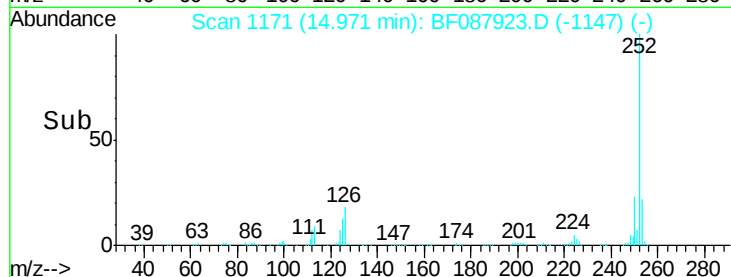
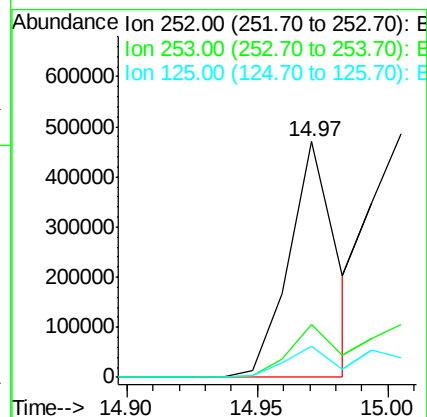
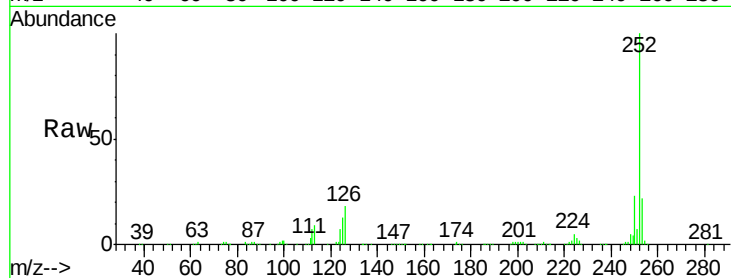
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	584328
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	13.4	7.1	10.7#

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#88

Benzo(k)fluoranthene

Concen: 46.71 ng m

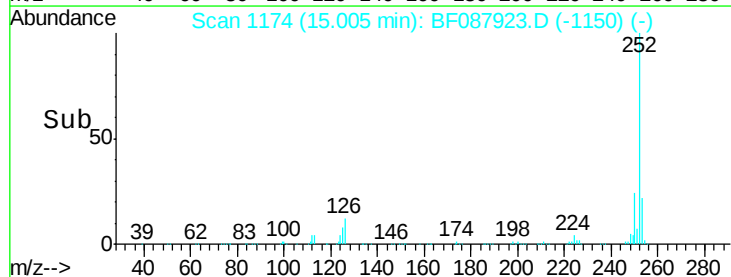
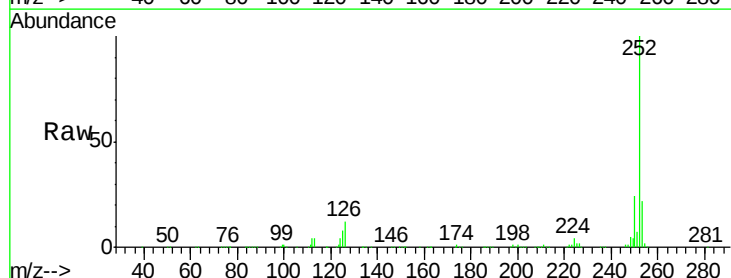
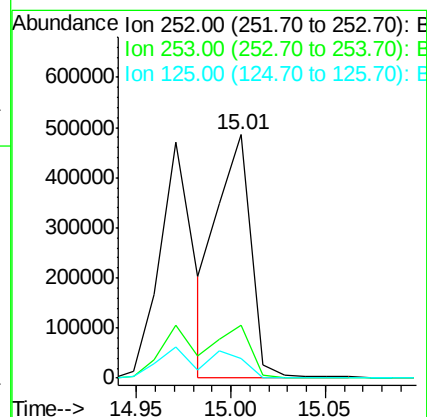
RT: 15.01 min Scan# 1174

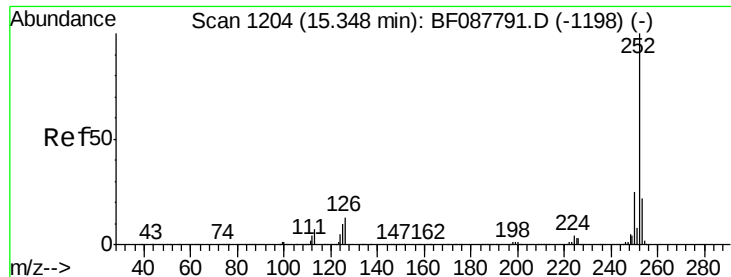
Delta R.T. -0.02 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	252	Resp:	600430
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	8.0	11.2	16.8#





#89

Benzo(a)pyrene

Concen: 39.15 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Instrument :

BNA_F

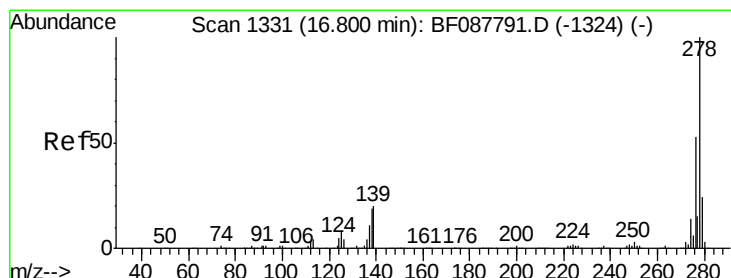
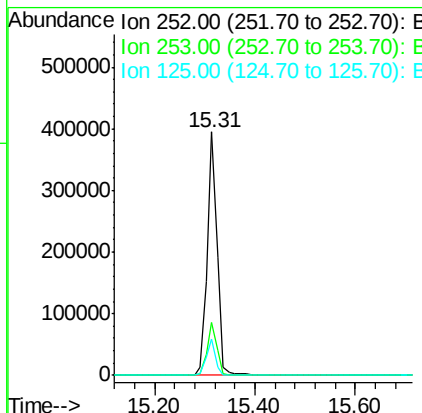
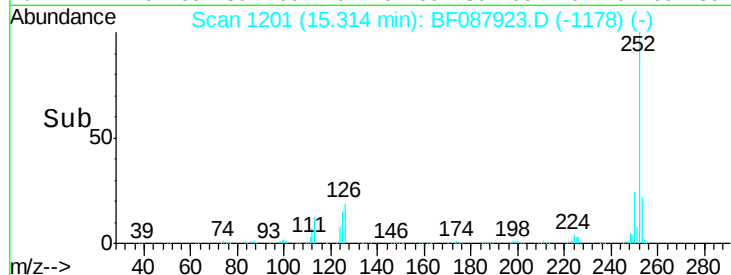
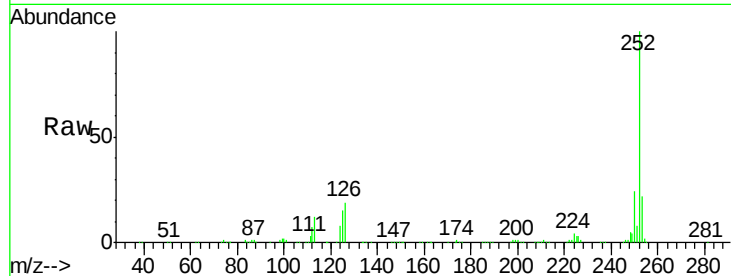
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	539831
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.2	12.5	18.7

Manual Integrations
APPROVED

umangi
6/13/2016 7:44:42 PM



#90

Dibenzo(a,h)anthracene

Concen: 36.47 ng

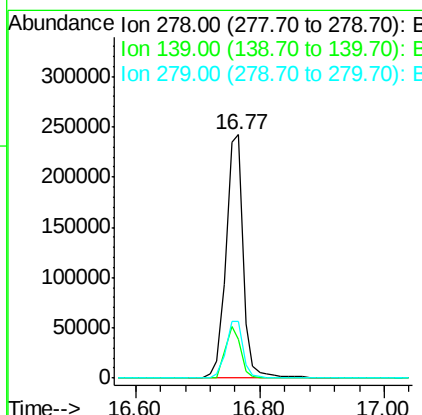
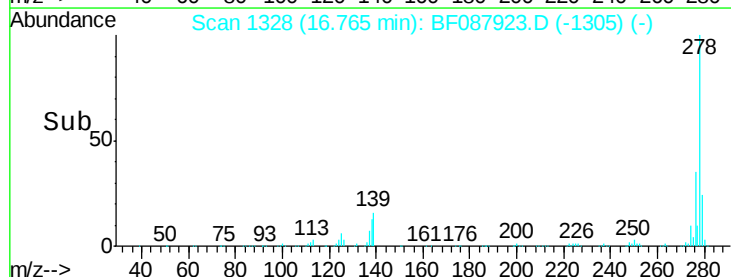
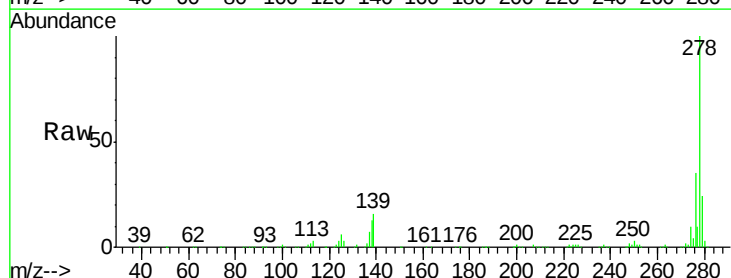
RT: 16.77 min Scan# 1328

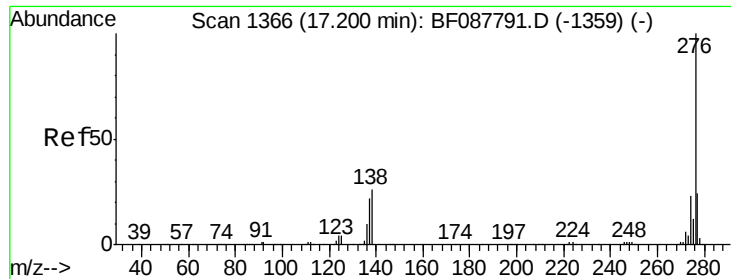
Delta R.T. -0.03 min

Lab File: BF087923.D

Acq: 12 Jun 2016 2:25

Tgt Ion:	278	Resp:	467062
Ion Ratio		Lower	Upper
278	100		
139	15.7	15.7	23.5
279	23.5	19.4	29.2





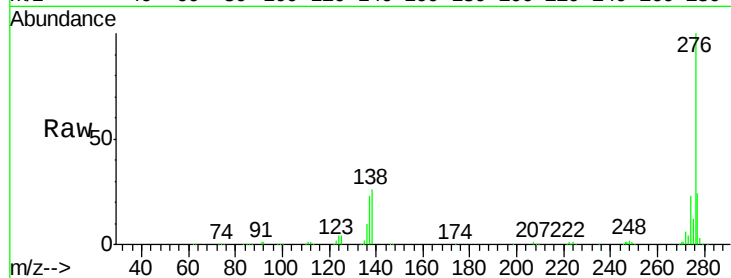
#91
 Benzo(a,h,i)perylene
 Concen: 38.33 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087923.D
 Acq: 12 Jun 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.0	21.4	32.2

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:44:42 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

