

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088293.D
 Acq On : 23 Jun 2016 13:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:03:58 PM

Quant Time: Jun 23 15:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	85645	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	346458	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	148660	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	231031	20.00	ng	0.00
75) Chrysene-d12	13.75	240	182976	20.00	ng	0.00
86) Perylene-d12	15.11	264	152586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	411286	82.10	ng	0.01
7) Phenol-d6	6.27	99	434194	71.51	ng	0.01
23) Nitrobenzene-d5	7.19	82	461541	77.79	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	93945	59.85	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	766346	80.70	ng	0.00
78) Terphenyl-d14	12.70	244	537029	66.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	97109	39.89	ng	# 42
3) Pyridine	2.67	79	253109	44.04	ng	92
4) n-Nitrosodimethylamine	2.63	42	91123	37.43	ng	79
6) Aniline	6.27	93	318446	36.85	ng	92
8) 2-Chlorophenol	6.40	128	245243	41.36	ng	85
9) Benzaldehyde	6.15	77	147600	39.12	ng	93
10) Phenol	6.28	94	258143	40.96	ng	80
11) bis(2-Chloroethyl)ether	6.35	93	231113	43.41	ng	84
12) 1,3-Dichlorobenzene	6.55	146	251124m	39.47	ng	
13) 1,4-Dichlorobenzene	6.63	146	251855	39.30	ng	95
14) 1,2-Dichlorobenzene	6.78	146	226574m	38.87	ng	
15) Benzyl Alcohol	6.78	79	174670	36.77	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	236125	32.83	ng	# 31
17) 2-Methylphenol	6.90	107	175345	36.46	ng	# 86
18) Hexachloroethane	7.11	117	76125	33.47	ng	# 81
19) n-Nitroso-di-n-propylamine	7.04	70	139019	35.79	ng	90
20) 3+4-Methylphenols	7.05	107	253041	45.10	ng	# 76
22) Acetophenone	7.03	105	316143	40.83	ng	# 96
24) Nitrobenzene	7.20	77	210331	36.60	ng	87
25) Isophorone	7.45	82	418809	38.11	ng	95
26) 2-Nitrophenol	7.52	139	122860	39.91	ng	# 84
27) 2,4-Dimethylphenol	7.58	122	210296	37.10	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	254928	37.40	ng	# 96
29) 2,4-Dichlorophenol	7.77	162	191223	40.40	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	198335	38.49	ng	99
31) Naphthalene	7.92	128	665689	38.83	ng	99
32) Benzoic acid	7.74	122	104018	33.33	ng	93
33) 4-Chloroaniline	7.98	127	267107	34.89	ng	99
34) Hexachlorobutadiene	8.03	225	103076	37.93	ng	99
35) Caprolactam	8.38	113	63128	40.27	ng	# 62
36) 4-Chloro-3-methylphenol	8.48	107	182185	36.00	ng	94
37) 2-Methylnaphthalene	8.60	142	401433m	35.52	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	189682	51.56	ng	# 1
40) Hexachlorocyclopentadiene	8.75	237	9677	4.04	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088293.D
 Acq On : 23 Jun 2016 13:51
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:03:58 PM

Quant Time: Jun 23 15:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	112969	38.00	nq	98
43) 2,4,5-Trichlorophenol	8.95	196	109633	35.45	nq	98
45) 1,1'-Biphenyl	9.07	154	523875	47.26	nq	97
46) 2-Chloronaphthalene	9.10	162	398749	41.45	nq	96
47) 2-Nitroaniline	9.20	65	101000	35.59	nq	94
48) Acenaphthylene	9.51	152	581138	37.98	nq	99
49) Dimethylphthalate	9.38	163	439821	40.84	nq	99
50) 2,6-Dinitrotoluene	9.45	165	105493	42.78	nq	96
51) Acenaphthene	9.68	154	354904	37.18	nq	99
52) 3-Nitroaniline	9.62	138	114891	40.37	nq	# 67
53) 2,4-Dinitrophenol	9.74	184	11062	12.76	nq	96
54) Dibenzofuran	9.85	168	493108	37.51	nq	95
55) 4-Nitrophenol	9.82	139	68047m	30.81	nq	
56) 2,4-Dinitrotoluene	9.85	165	110153	34.76	nq	# 62
57) Fluorene	10.19	166	376040	42.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	82719	34.03	nq	# 55
59) Diethylphthalate	10.08	149	460396	42.24	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	156727	35.85	nq	95
61) 4-Nitroaniline	10.23	138	98703	36.57	nq	97
62) Azobenzene	10.34	77	422300	39.18	nq	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	15560	12.46	nq	# 78
65) n-Nitrosodiphenylamine	10.31	169	353560	46.12	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	105328	42.50	nq	# 92
67) Hexachlorobenzene	10.73	284	101180	39.29	nq	97
68) Atrazine	10.84	200	96215	41.45	nq	95
69) Pentachlorophenol	10.94	266	56016	41.26	nq	96
70) Phenanthrene	11.14	178	490071	40.42	nq	99
71) Anthracene	11.20	178	511129	41.80	nq	98
72) Carbazole	11.36	167	475729	41.57	nq	99
73) Di-n-butylphthalate	11.69	149	610577	42.15	nq	100
74) Fluoranthene	12.32	202	487882	38.13	nq	96
76) Benzidine	12.46	184	220861	43.59	nq	99
77) Pyrene	12.55	202	458217	33.75	nq	99
79) Butylbenzylphthalate	13.18	149	241893	40.30	nq	91
80) Benzo(a)anthracene	13.74	228	391053	37.50	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	130615	46.58	nq	# 94
82) Chrysene	13.77	228	399317	40.71	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	293243	40.13	nq	# 98
84) Di-n-octyl phthalate	14.34	149	583150	49.11	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.38	276	313144	34.36	nq	# 100
87) Benzo(b)fluoranthene	14.74	252	377215m	35.47	nq	
88) Benzo(k)fluoranthene	14.77	252	354506m	44.19	nq	
89) Benzo(a)pyrene	15.06	252	346777	40.30	nq	# 94
90) Dibenzo(a,h)anthracene	16.38	278	268667	33.62	nq	97
91) Benzo(g,h,i)perylene	16.74	276	263549	32.06	nq	99

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

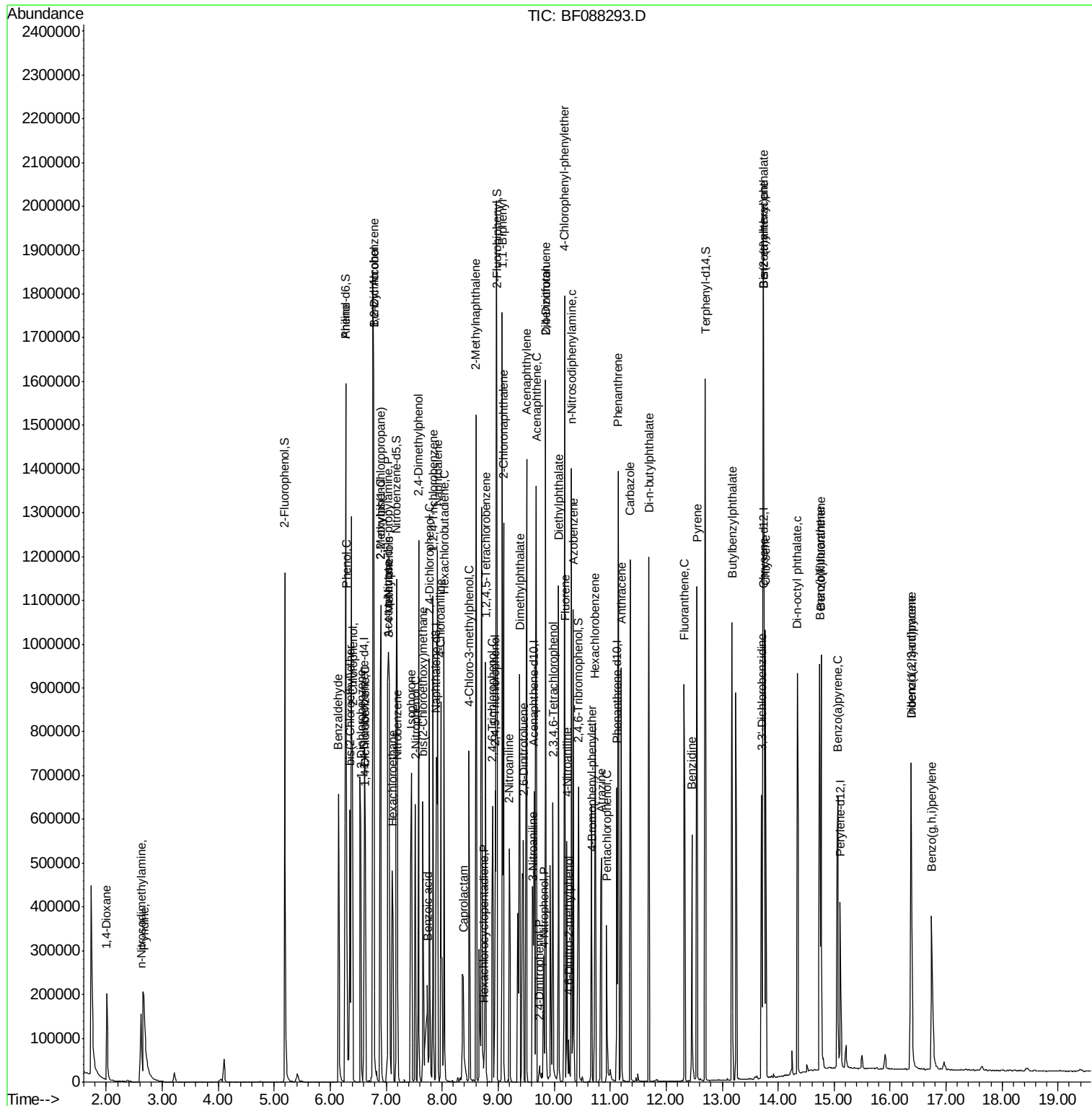
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\  
Data File : BF088293.D  
Acq On    : 23 Jun 2016   13:51  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

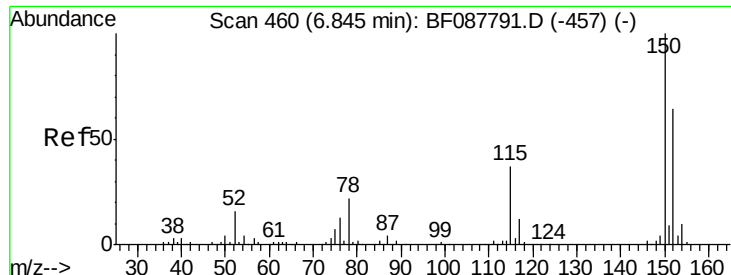
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

umangi
6/23/2016 7:03:58 PM

Quant Time: Jun 23 15:32:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

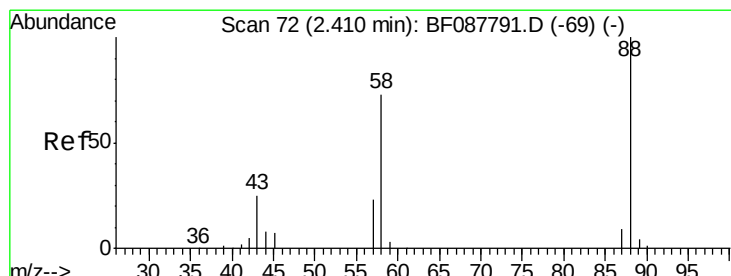
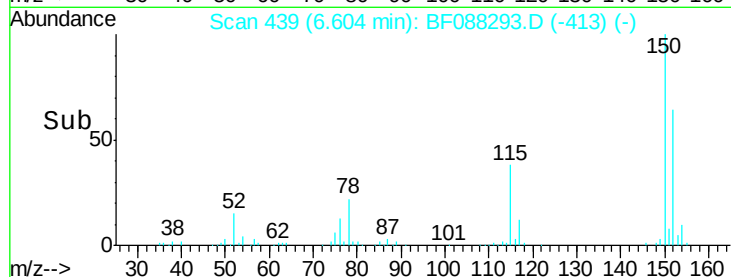
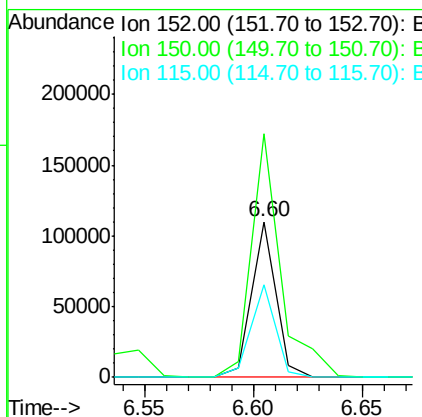
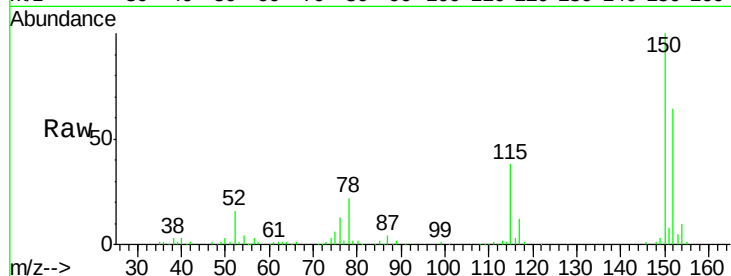
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	59.2	39.6	59.4

Manual Integrations
APPROVED

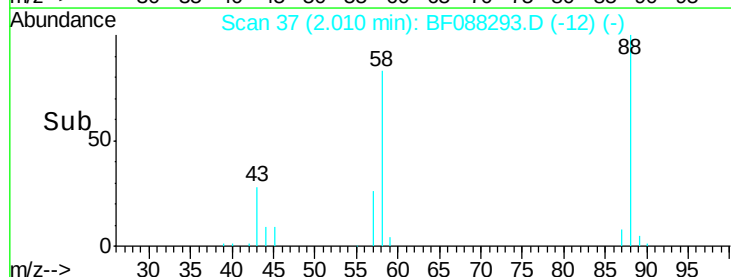
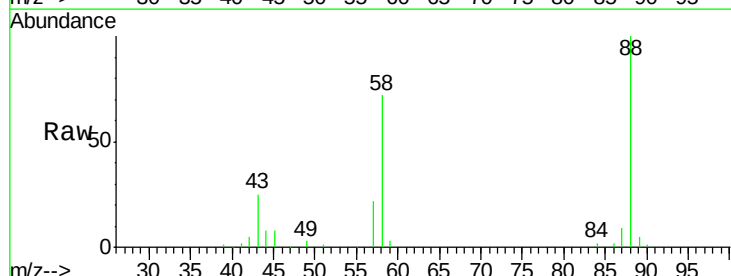
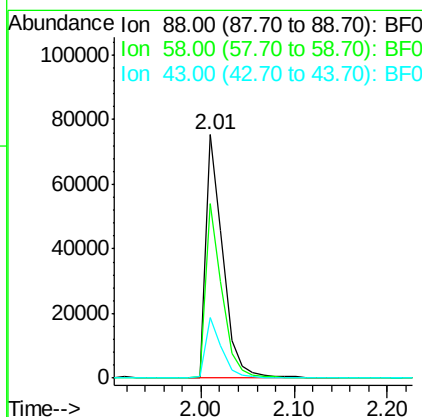
umangi
6/23/2016 7:03:58 PM

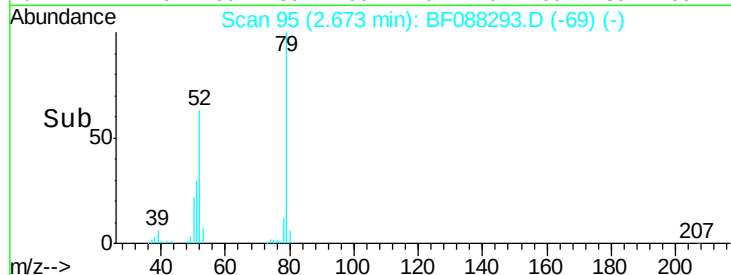
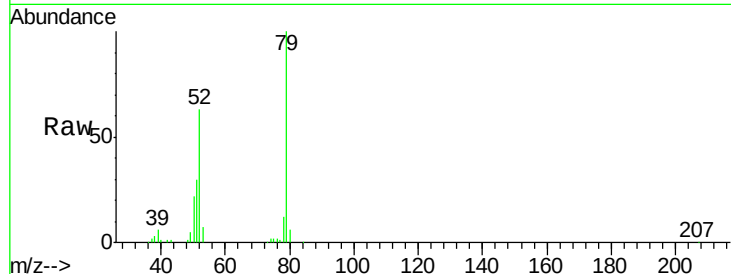
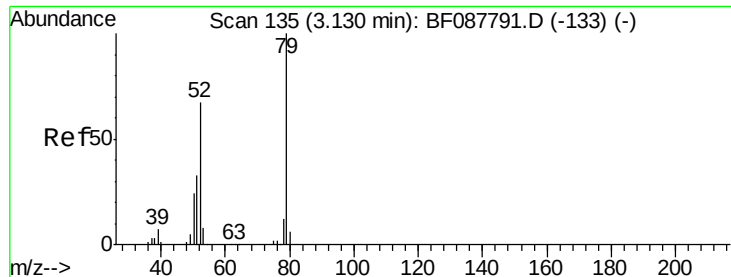


#2

1,4-Dioxane
Concen: 39.89 ng
RT: 2.01 min Scan# 37
Delta R.T. -0.01 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	0.0	0.0#
43	23.4	3.4	5.2#





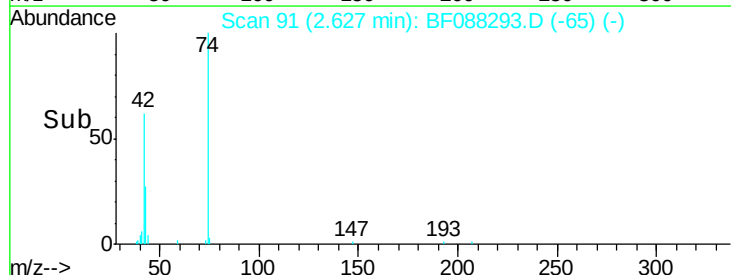
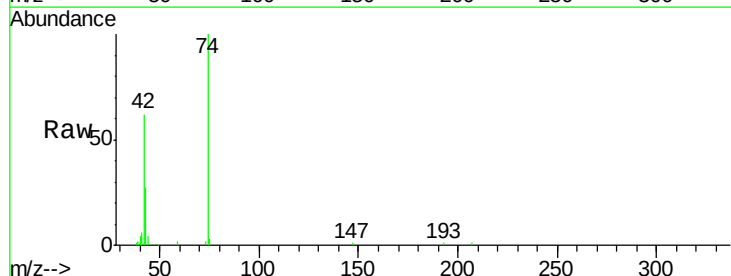
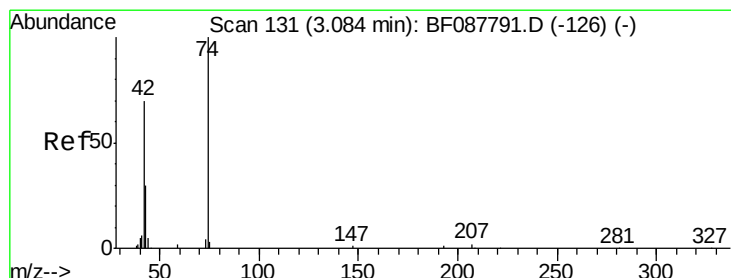
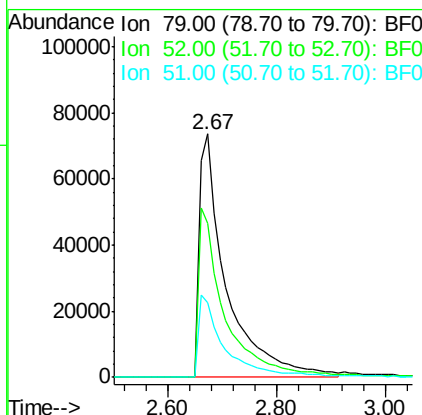
#3
 Pvridine
 Concen: 44.04 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	56.3	84.5
51	30.5	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

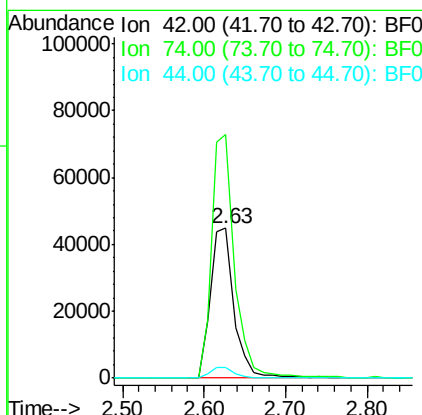
Manual Integrations
 APPROVED

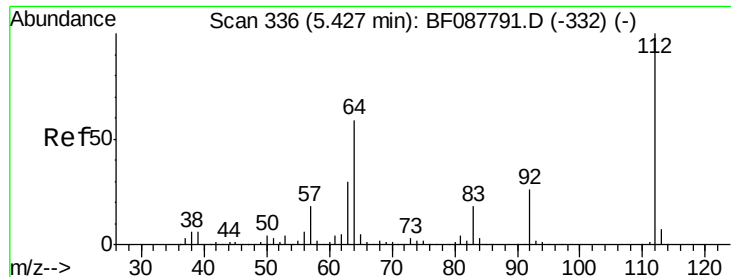
umangi
 6/23/2016 7:03:58 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.43 ng
 RT: 2.63 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	162.4	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 82.10 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

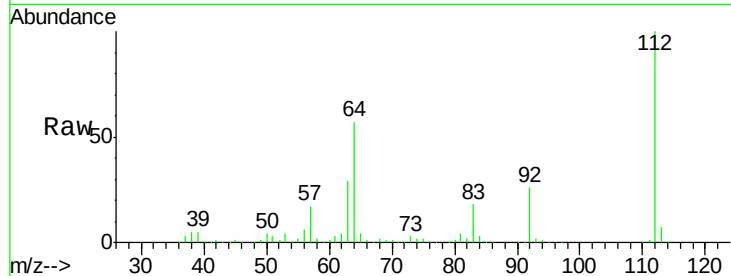
ClientSampleId :

SSTDCCC040EC

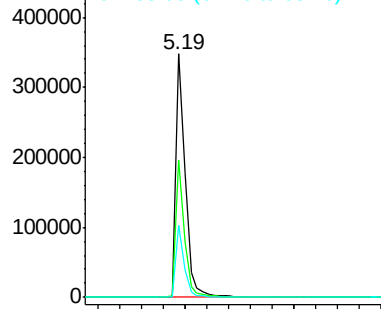
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		411286		
64	56.6	42.2	63.2		
63	29.5	21.8	32.8		

Manual Integrations
APPROVED

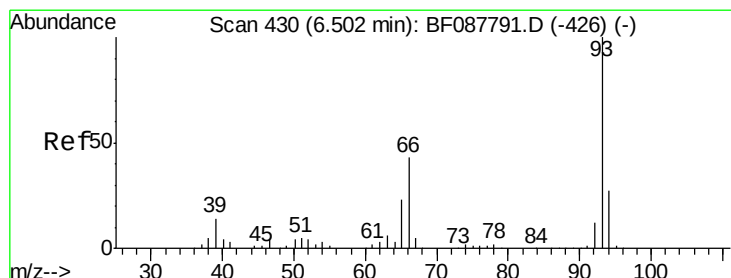
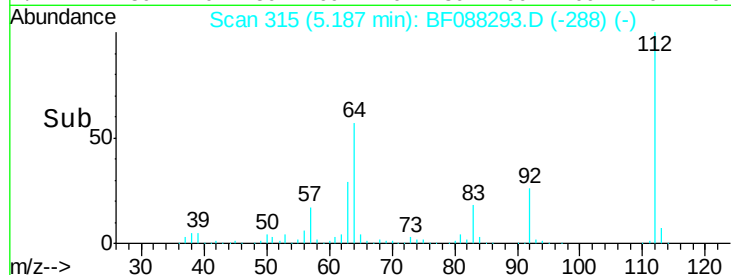
umangi
6/23/2016 7:03:58 PM



Abundance Ion 112.00 (111.70 to 112.70): E



Time-->



#6

Aniline

Concen: 36.85 ng

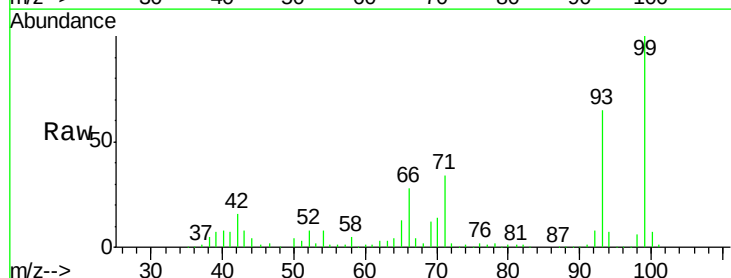
RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

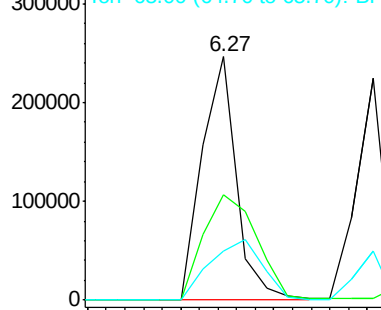
Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

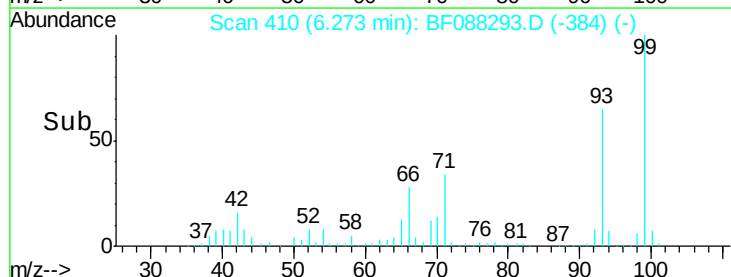
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		318446		
66	43.4	29.8	44.8		
65	20.0	14.9	22.3		

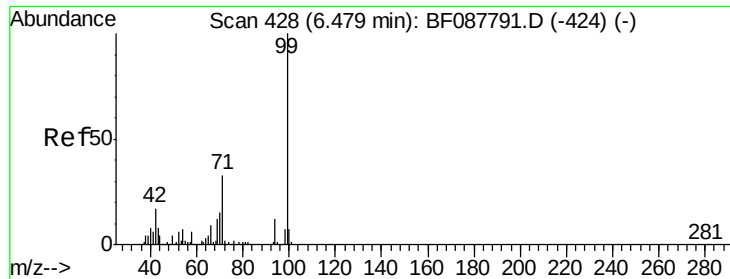


Abundance Ion 93.00 (92.70 to 93.70): BF0



Time-->





#7

Phenol-d6

Concen: 71.51 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

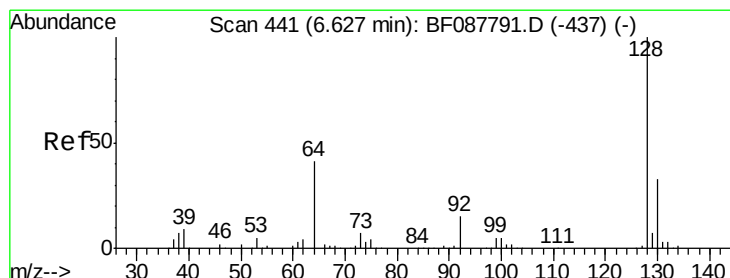
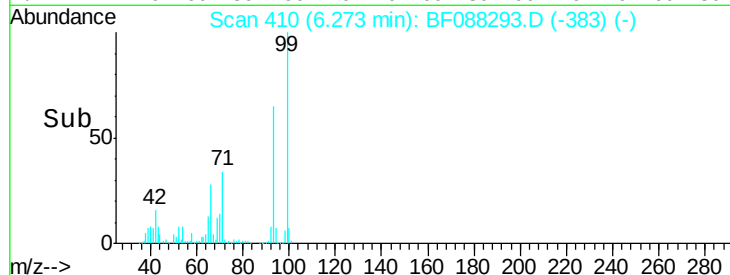
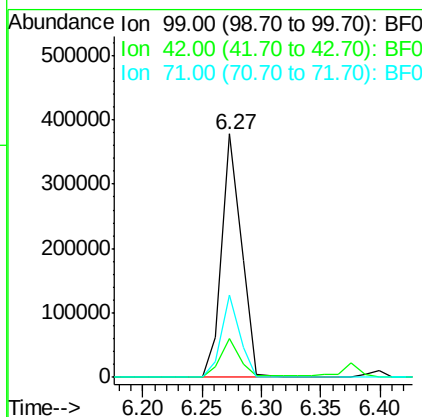
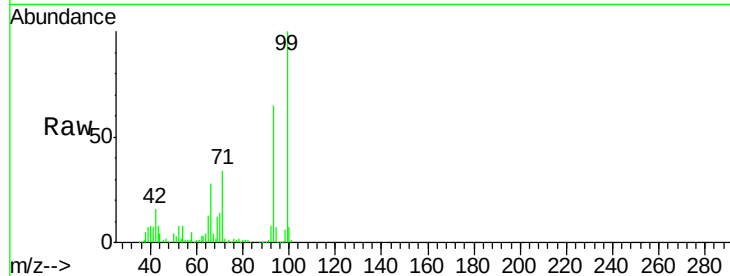
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	434194
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.2	18.2
71	33.9	23.4	35.0

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#8

2-Chlorophenol

Concen: 41.36 ng

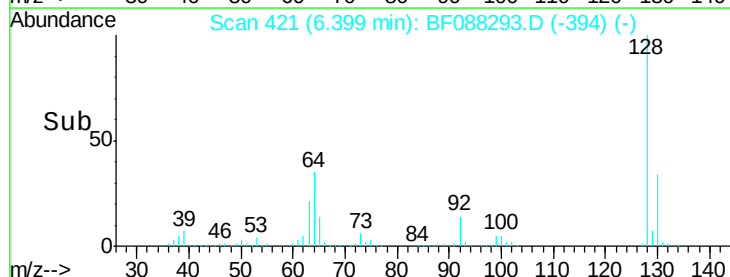
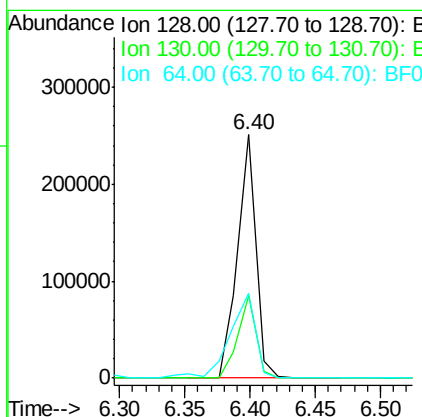
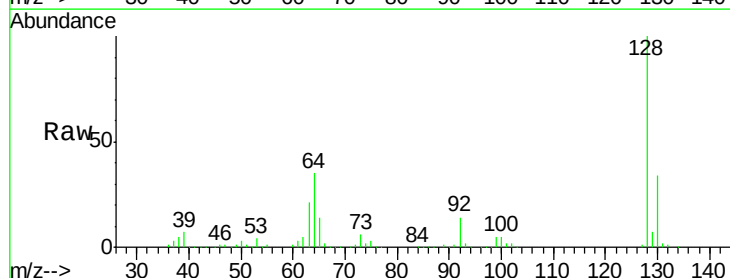
RT: 6.40 min Scan# 421

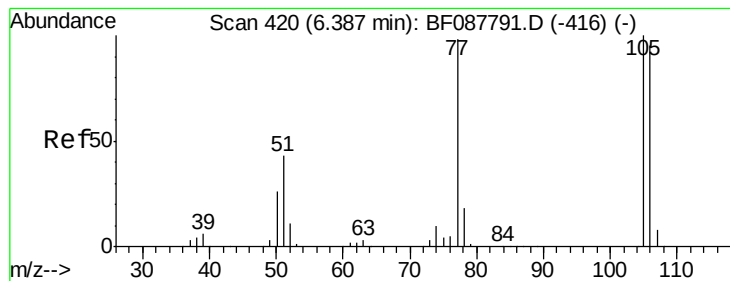
Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	128	Resp:	245243
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	34.9	30.8	70.8





#9

Benzaldehyde

Concen: 39.12 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

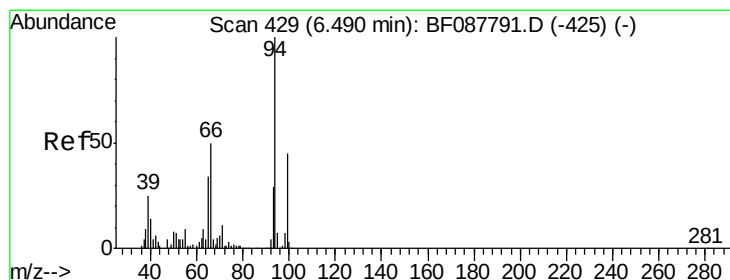
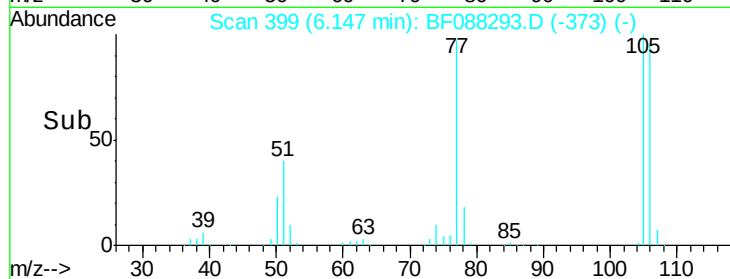
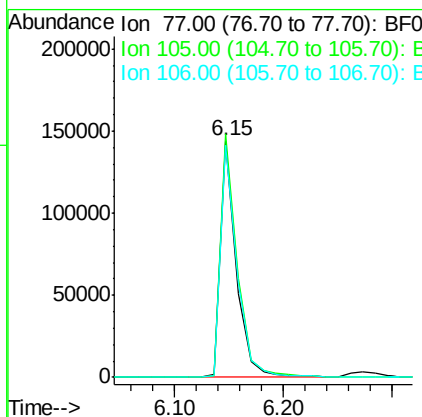
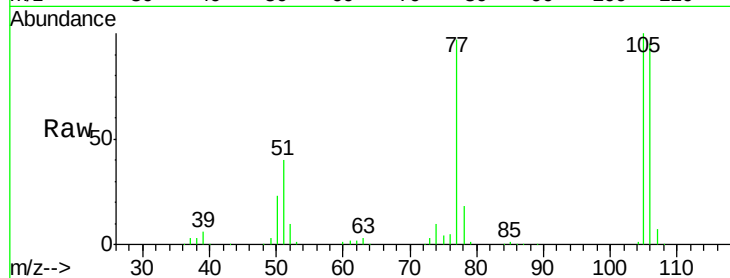
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	147600
Ion Ratio	Lower	Upper	
77	100		
105	103.1	90.6	130.6
106	98.1	85.3	125.3

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#10

Phenol

Concen: 40.96 ng

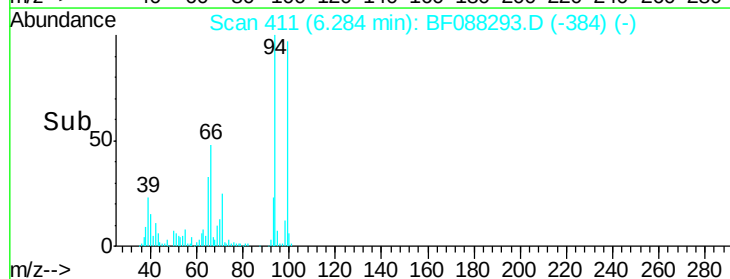
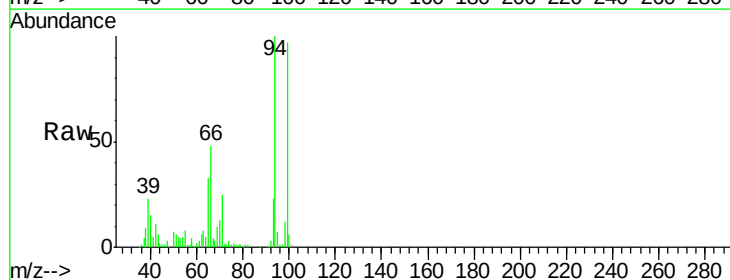
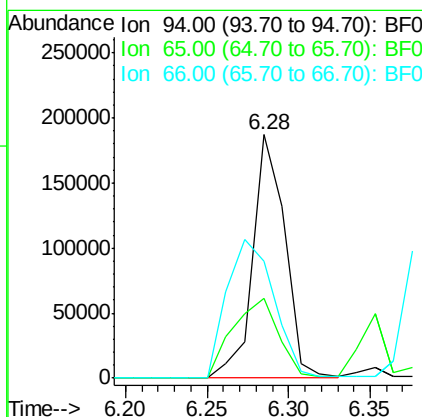
RT: 6.28 min Scan# 411

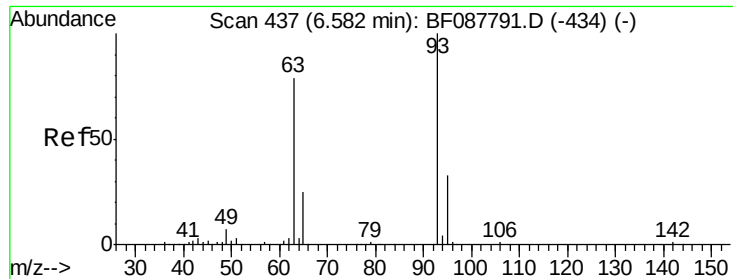
Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	94	Resp:	258143
Ion Ratio	Lower	Upper	
94	100		
65	32.5	5.9	45.9
66	48.0	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 43.41 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

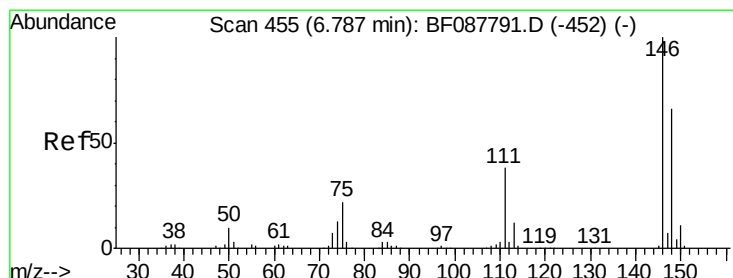
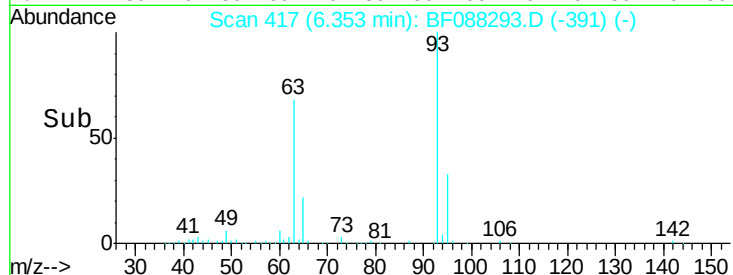
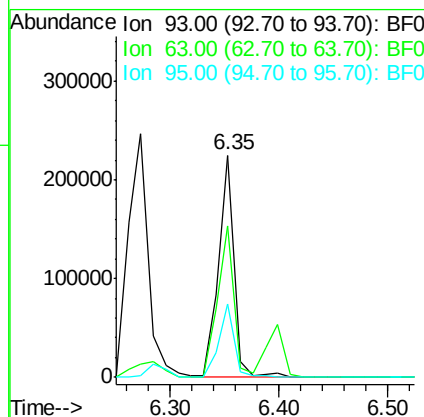
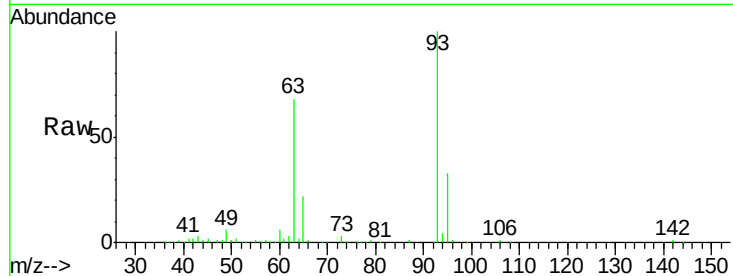
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	231113
Ion Ratio	Lower	Upper	
93	100		
63	68.1	67.6	107.6
95	33.3	12.5	52.5

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#12

1,3-Dichlorobenzene

Concen: 39.47 ng m

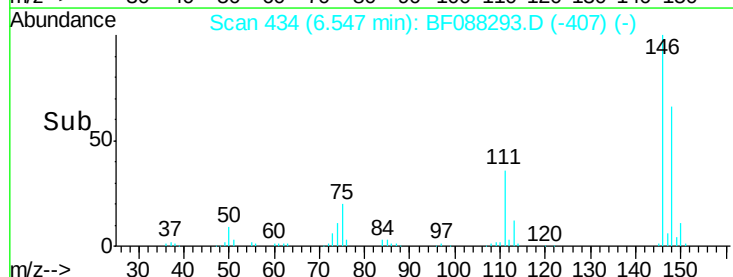
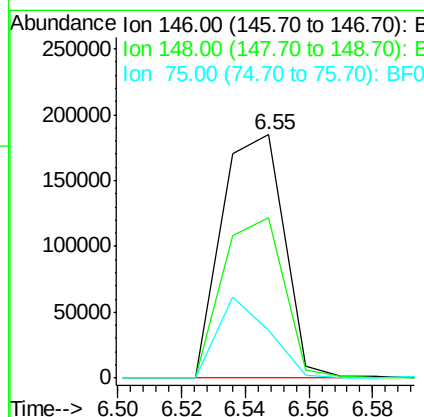
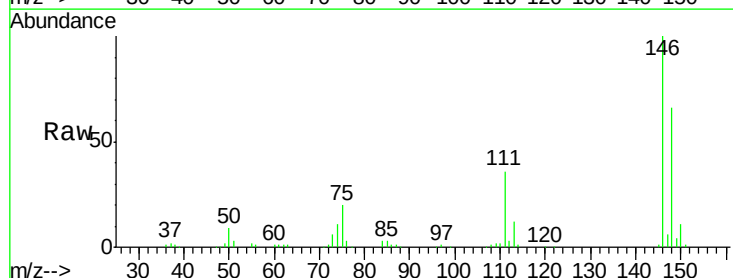
RT: 6.55 min Scan# 434

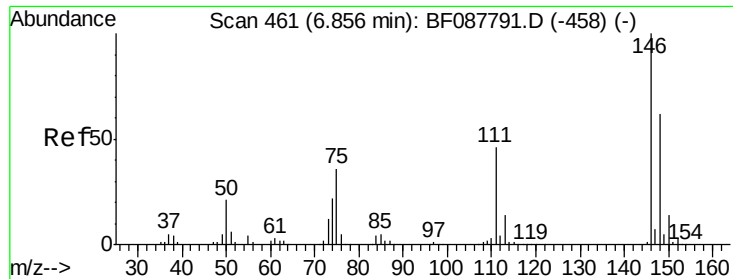
Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	146	Resp:	251124
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.9	76.3
75	19.6	25.6	38.4#





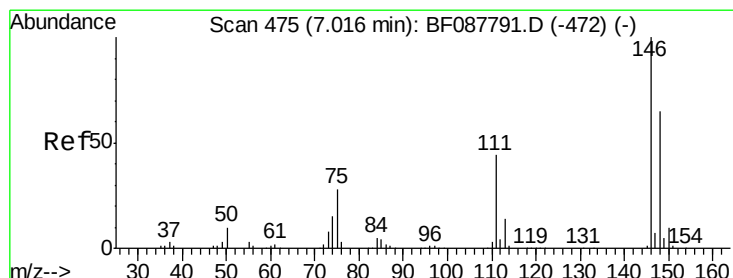
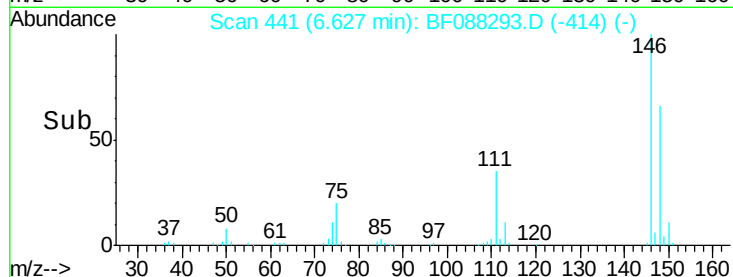
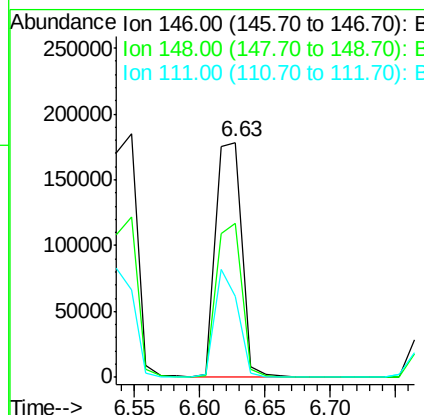
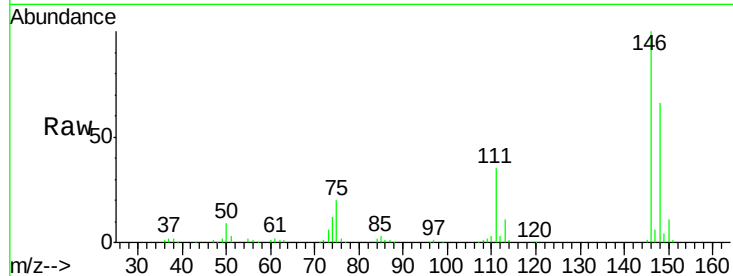
#13
 1,4-Dichlorobenzene
 Concen: 39.30 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	34.7	33.8	50.8

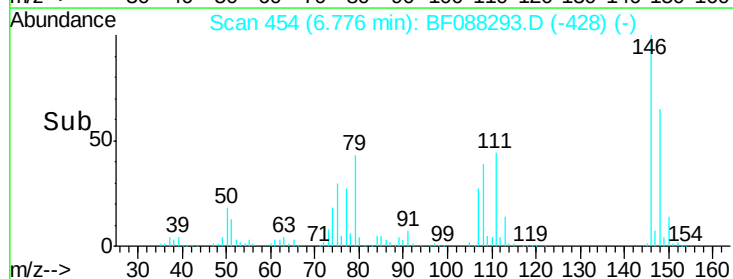
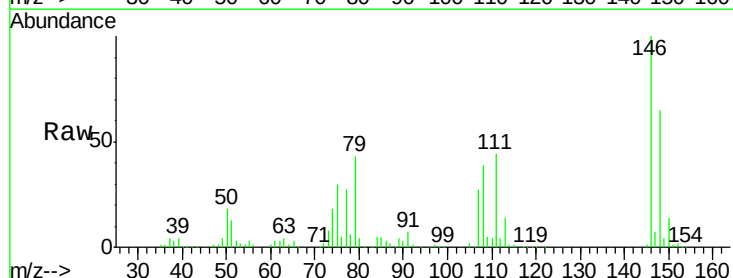
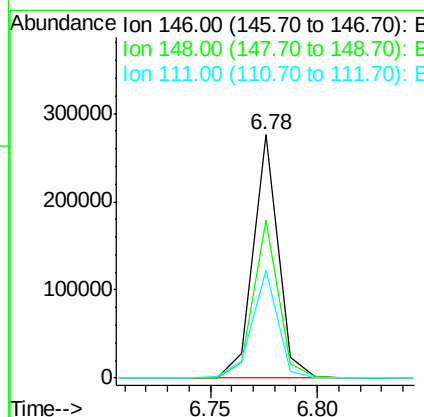
Manual Integrations
 APPROVED

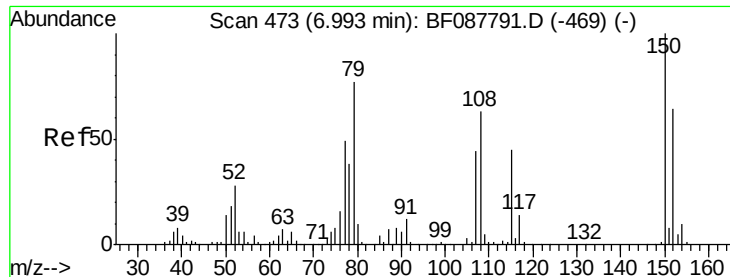
umangi
 6/23/2016 7:03:58 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.87 ng m
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	44.2	28.7	43.1#





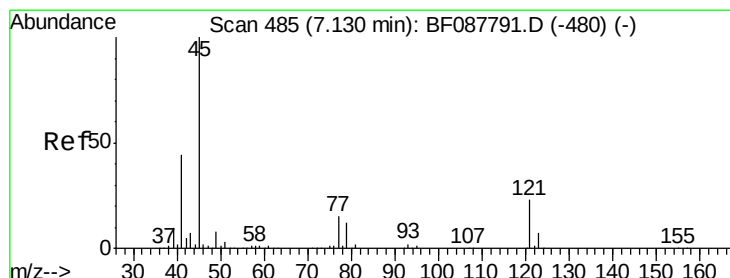
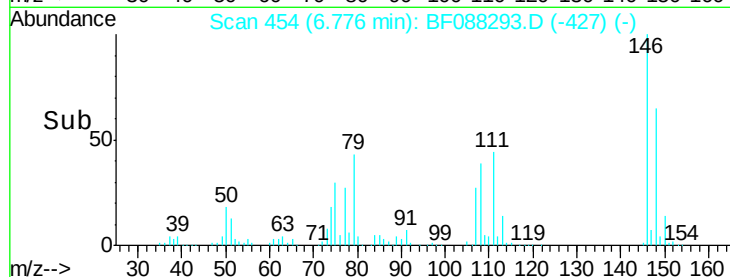
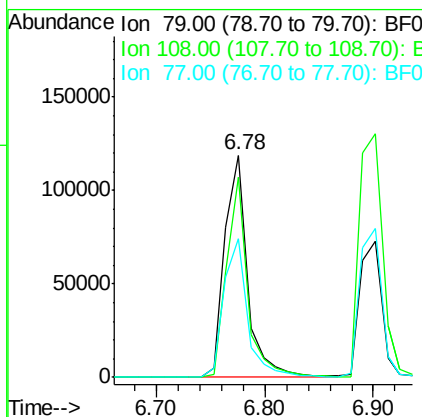
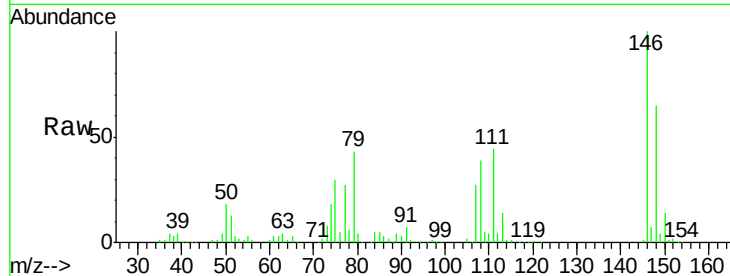
#15
Benzyl Alcohol
Concen: 36.77 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	90.1	65.0	97.6
77	62.4	50.3	75.5

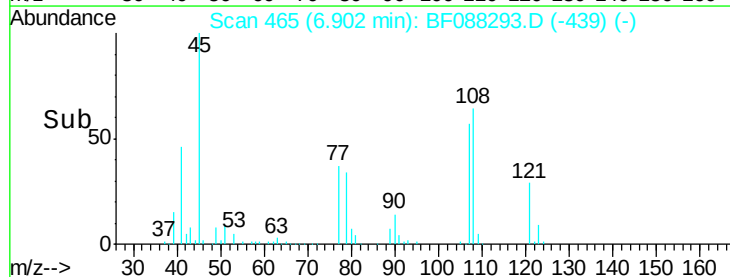
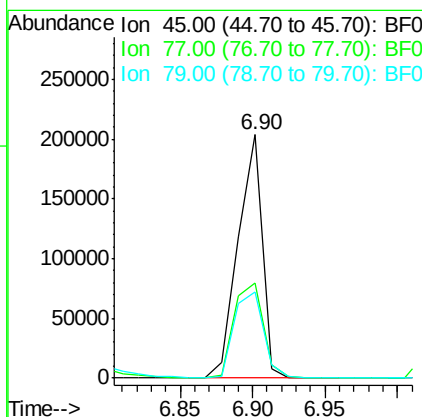
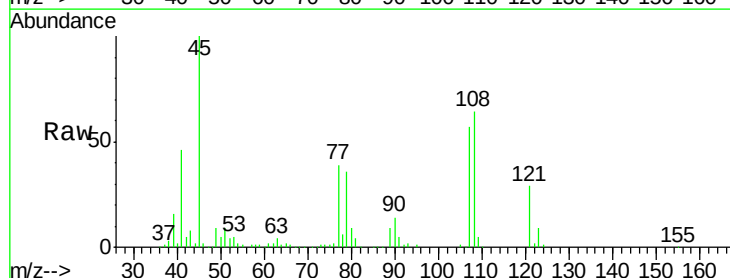
Manual Integrations
APPROVED

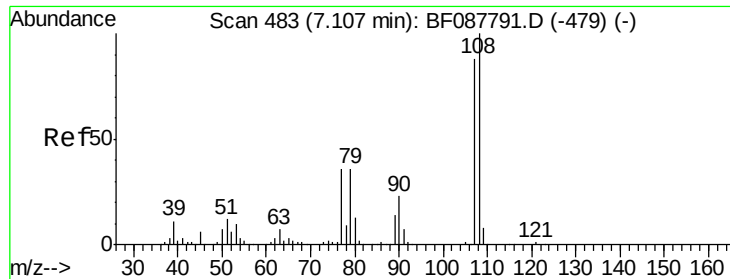
umangi
6/23/2016 7:03:58 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.83 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.2	0.0	32.5#
79	35.6	0.0	29.5#





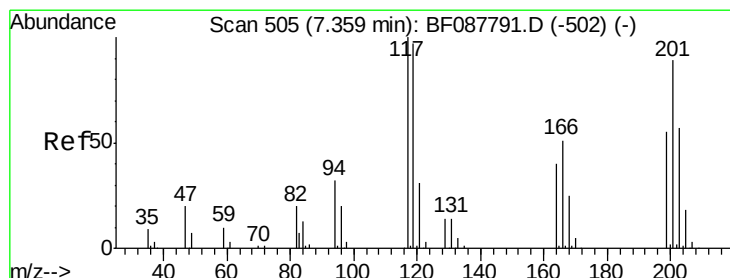
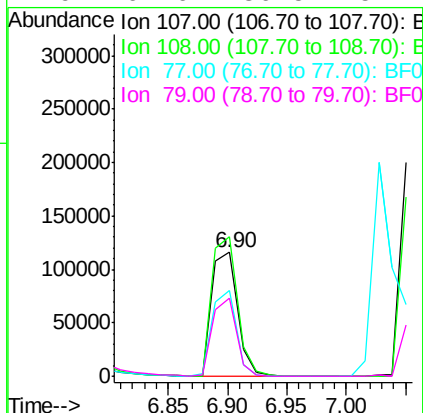
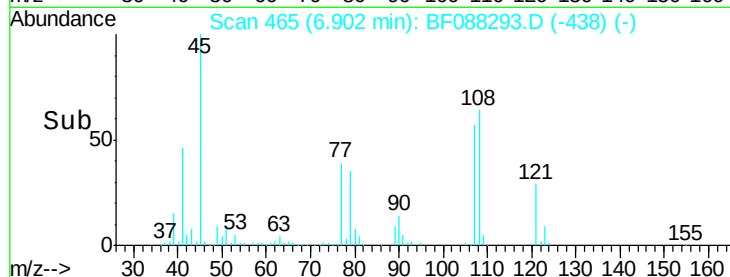
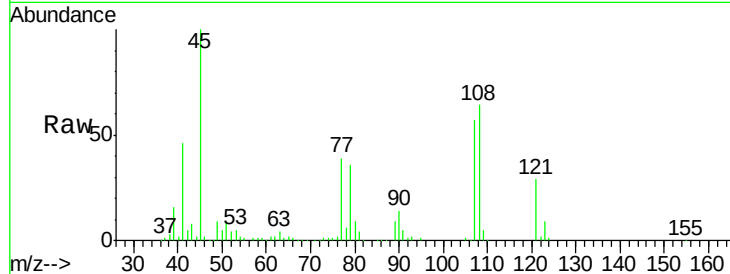
#17
2-Methylphenol
Concen: 36.46 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	68.9	36.6	55.0#
79	62.6	36.5	54.7#

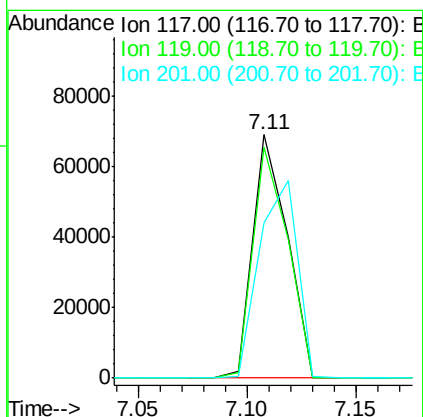
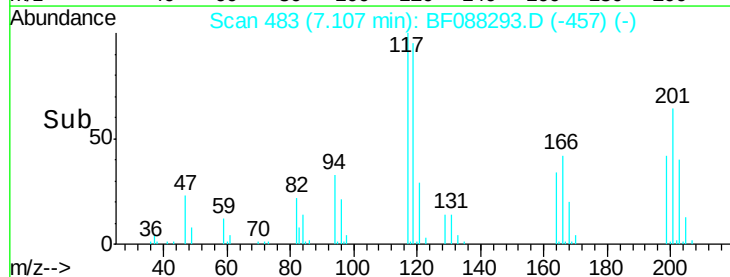
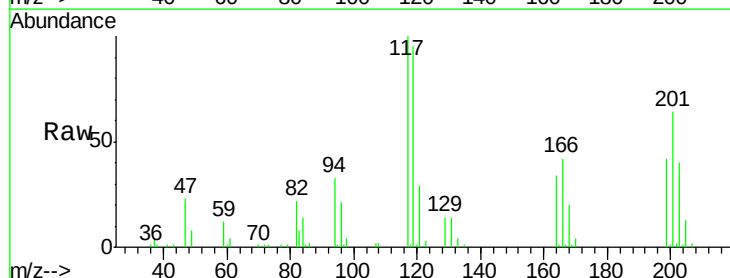
Manual Integrations
APPROVED

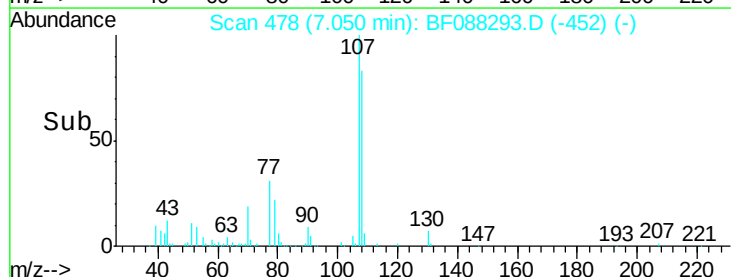
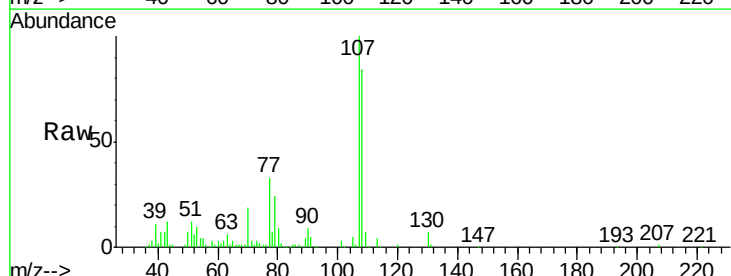
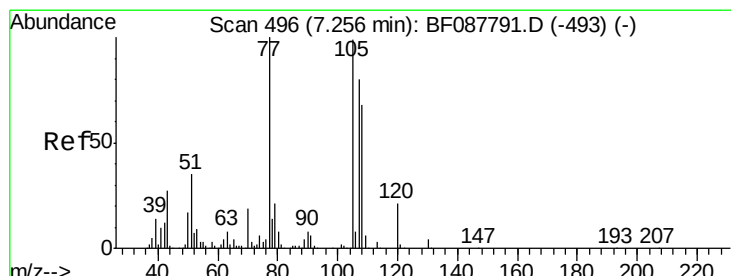
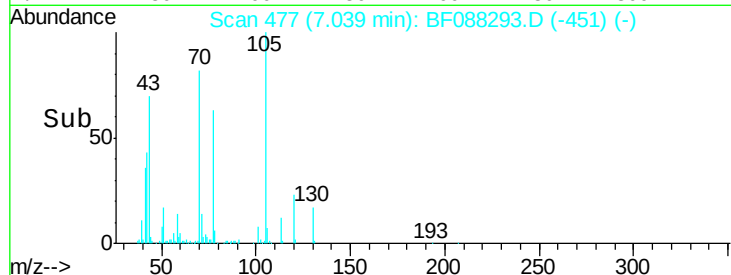
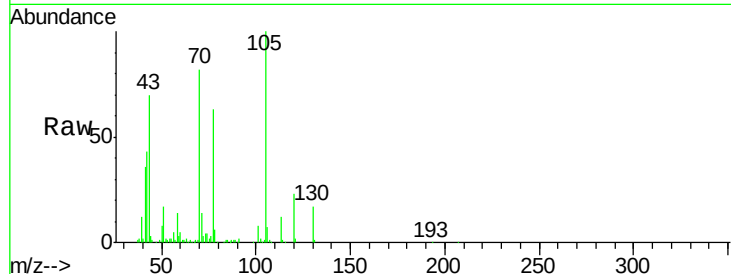
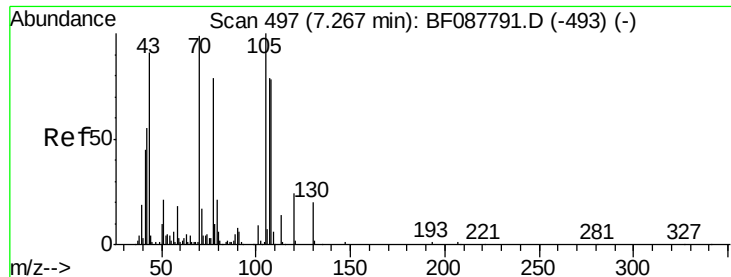
umangi
6/23/2016 7:03:58 PM



#18
Hexachloroethane
Concen: 33.47 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.2
201	63.9	80.4	120.6#





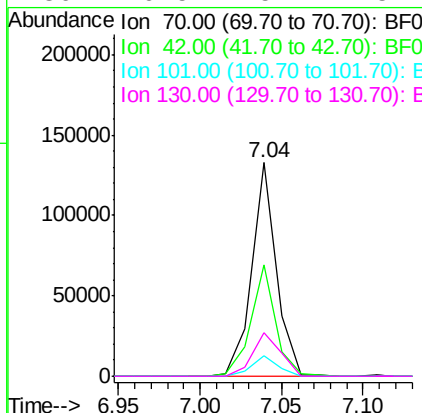
#19
n-Nitroso-di-n-propylamine
Concen: 35.79 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.1	49.6	74.4	
101	9.6	7.1	10.7	
130	20.5	15.4	23.2	

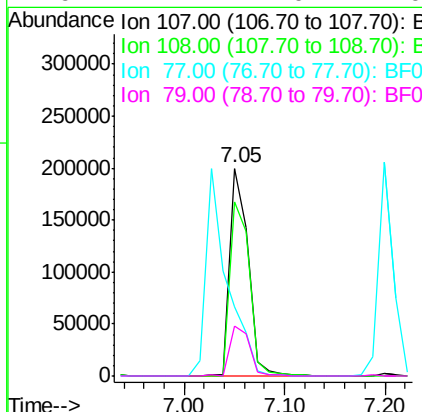
Manual Integrations
APPROVED

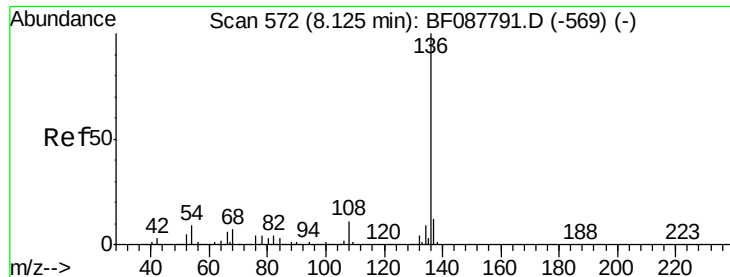
umangi
6/23/2016 7:03:58 PM



#20
3+4-Methylphenols
Concen: 45.10 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.0	67.8	107.8	
77	33.5	59.3	99.3#	
79	24.1	7.0	47.0	





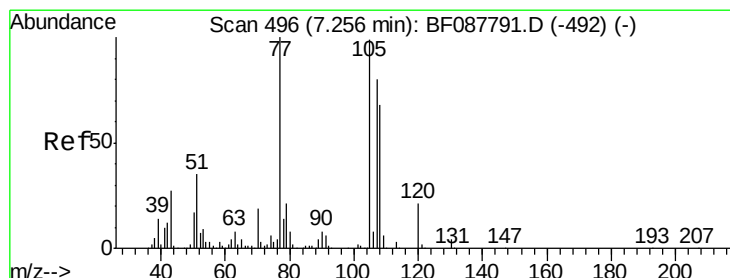
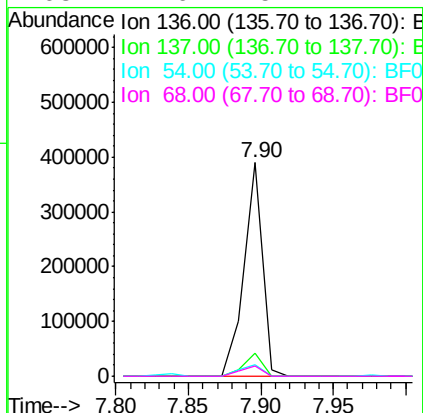
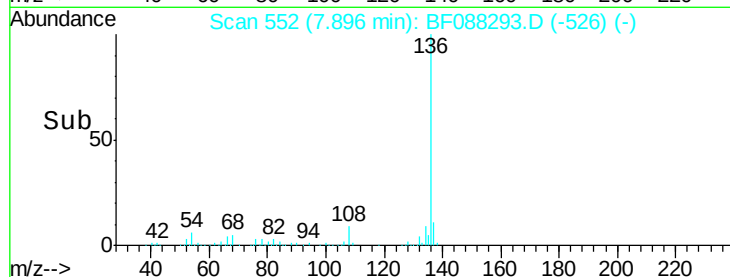
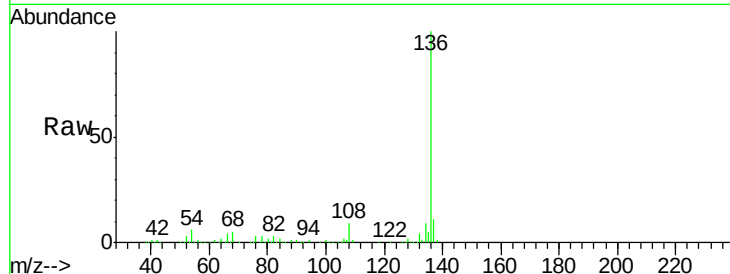
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.6	6.6	10.0	
68	4.6	5.1	7.7	

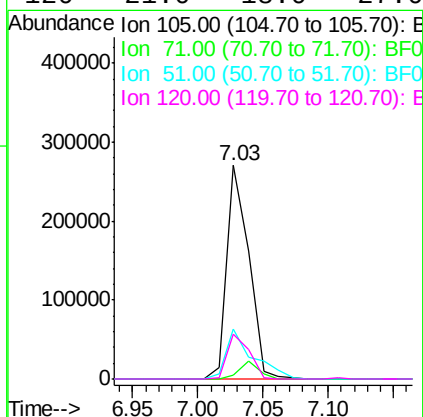
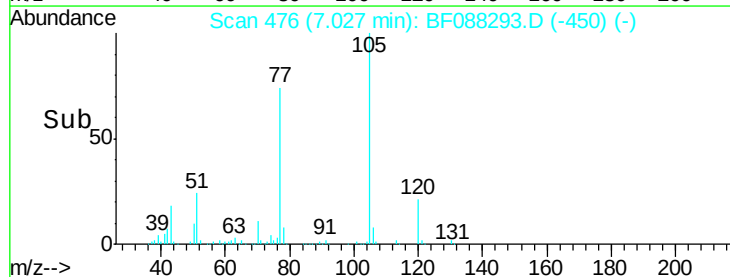
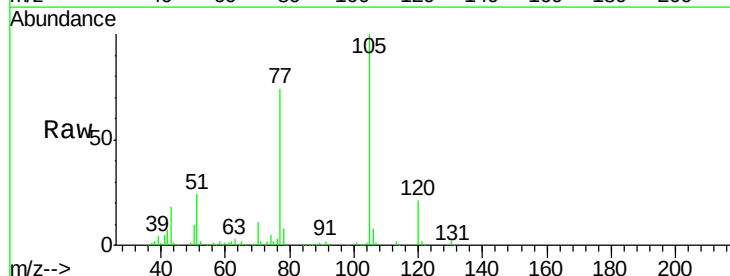
Manual Integrations
APPROVED

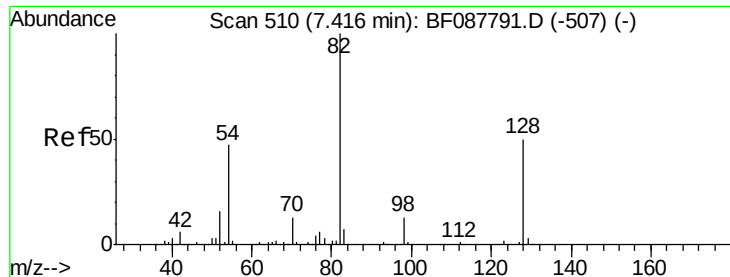
umangi
6/23/2016 7:03:58 PM



#22
Acetophenone
Concen: 40.83 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	5.3	7.9	
51	23.6	18.2	27.4	
120	21.0	18.0	27.0	





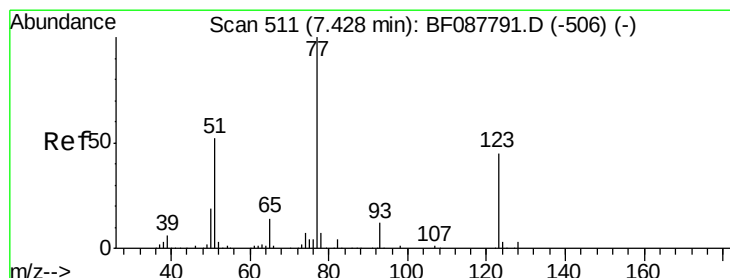
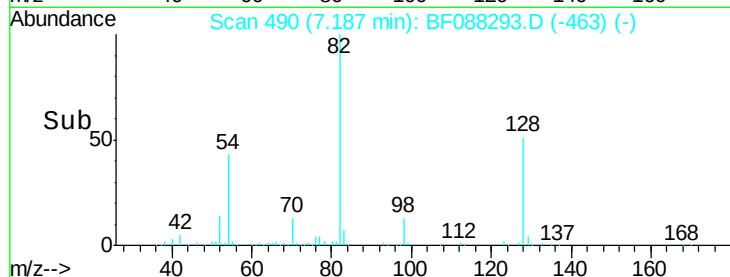
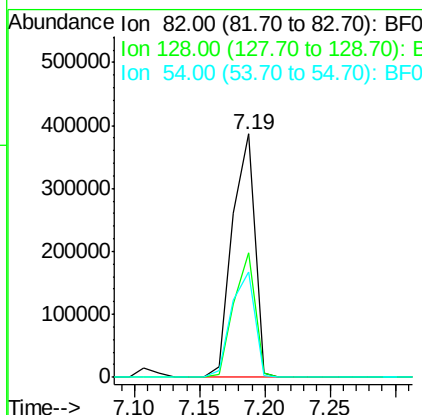
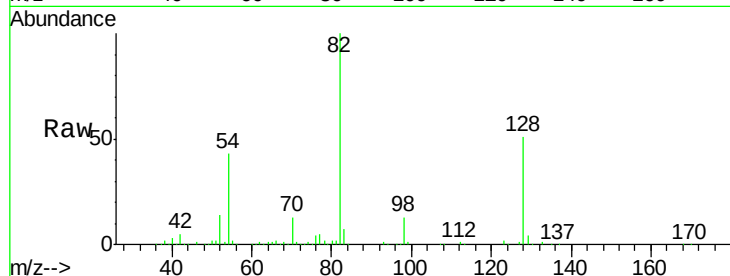
#23
Nitrobenzene-d5
Concen: 77.79 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.3	35.9	53.9
54	43.2	40.9	61.3

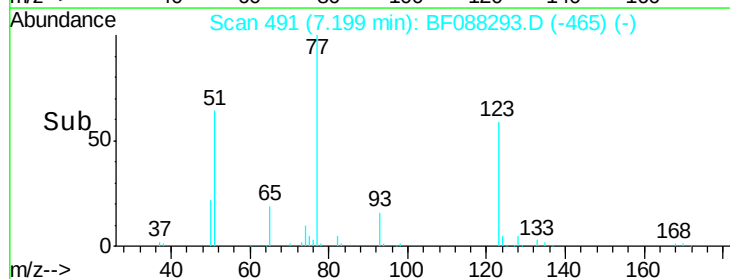
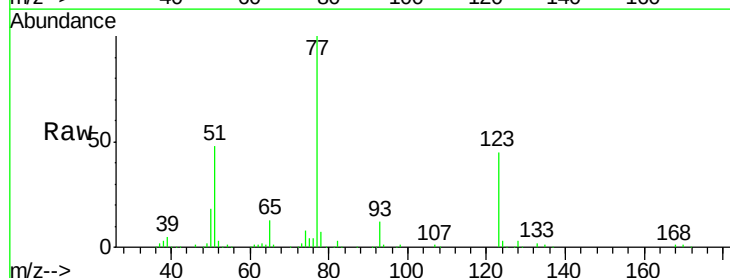
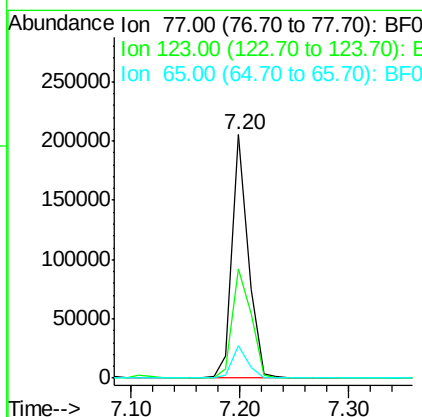
Manual Integrations
APPROVED

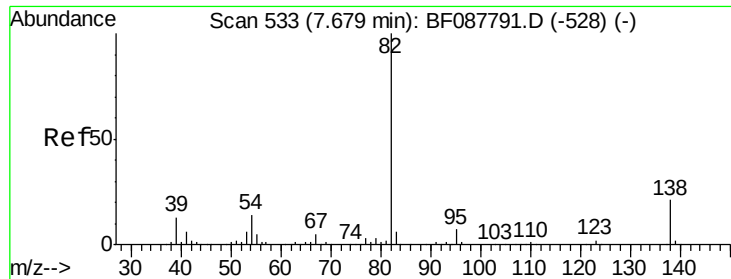
umangi
6/23/2016 7:03:58 PM



#24
Nitrobenzene
Concen: 36.60 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 38.11 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

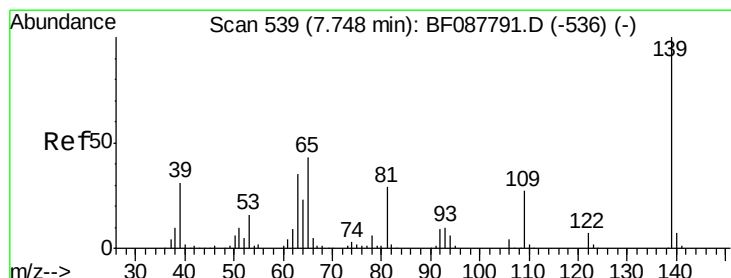
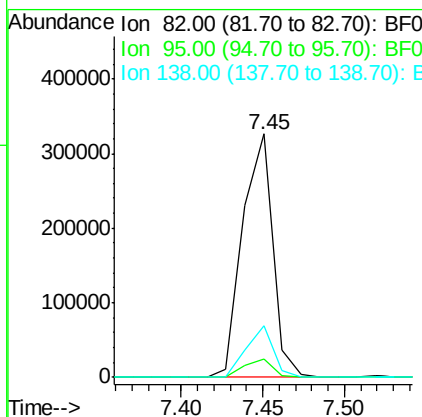
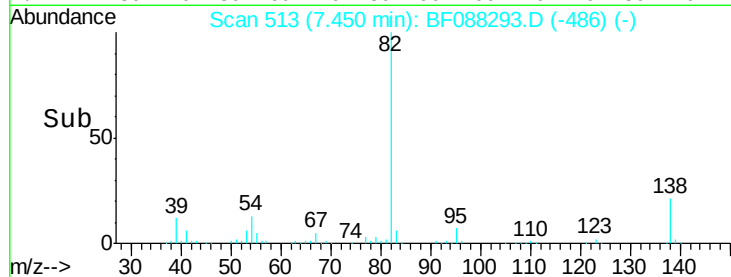
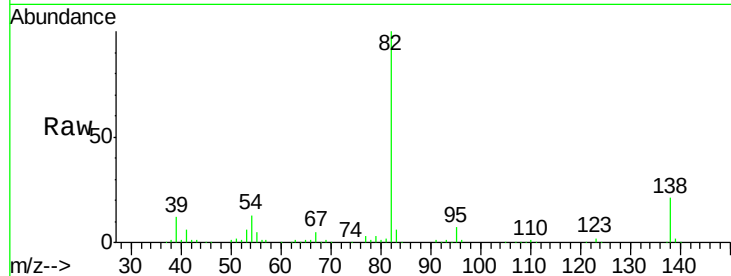
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	418809
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.4	8.2
138	21.0	14.6	21.8

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#26

2-Nitrophenol

Concen: 39.91 ng

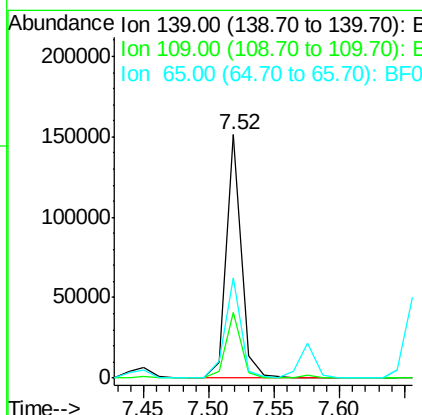
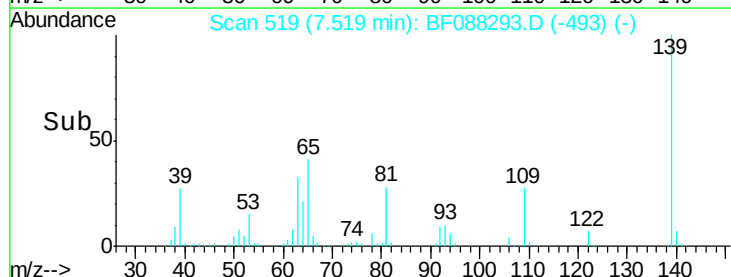
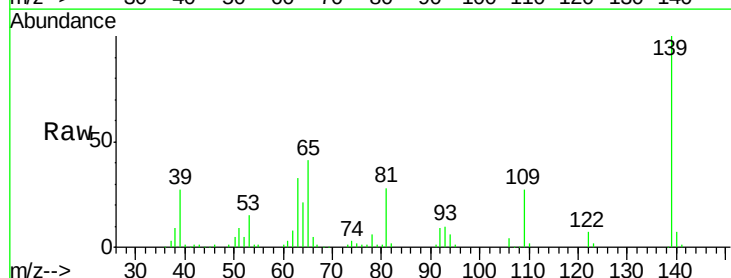
RT: 7.52 min Scan# 519

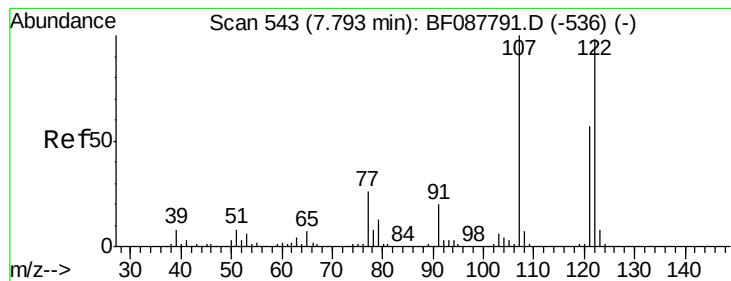
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	139	Resp:	122860
Ion Ratio		Lower	Upper
139	100		
109	26.9	23.0	34.4
65	41.2	45.8	68.8#





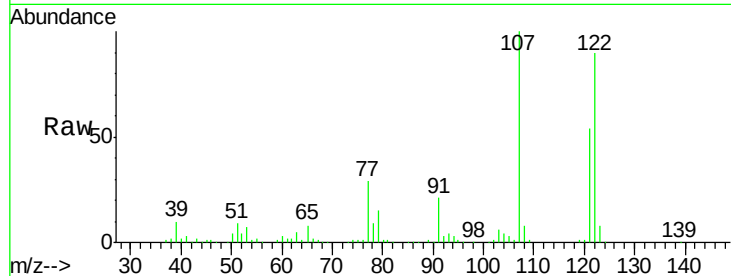
#27
2,4-Dimethylphenol
Concen: 37.10 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

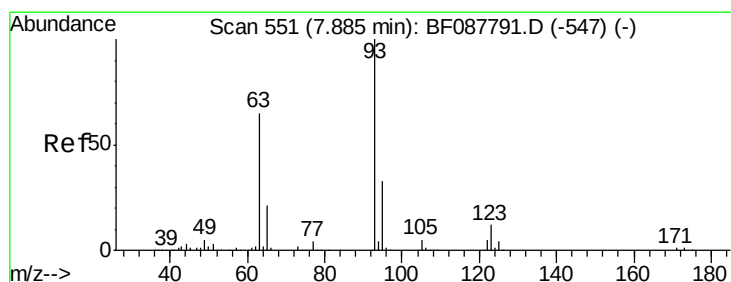
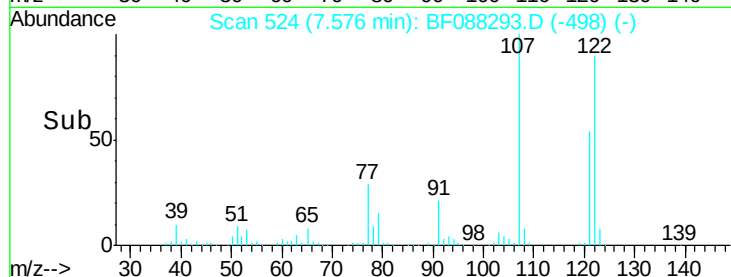
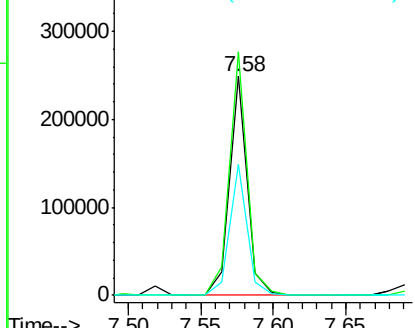
Tot Ion	Ratio	Resp	Lower	Upper
122	100	210296		
107	111.1	82.4	123.6	
121	59.5	46.3	69.5	

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM

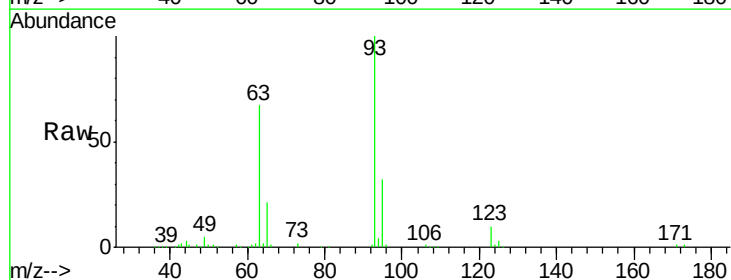


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

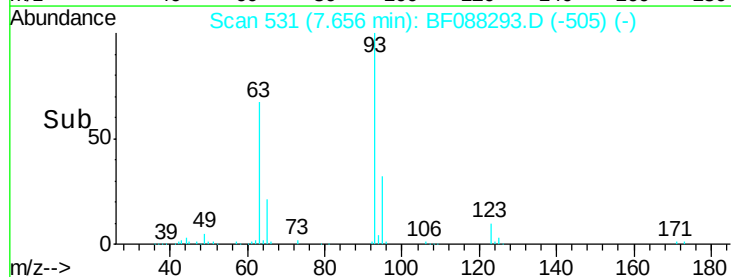
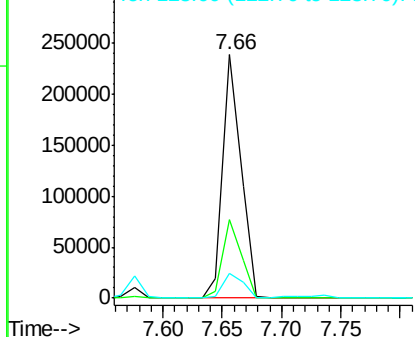


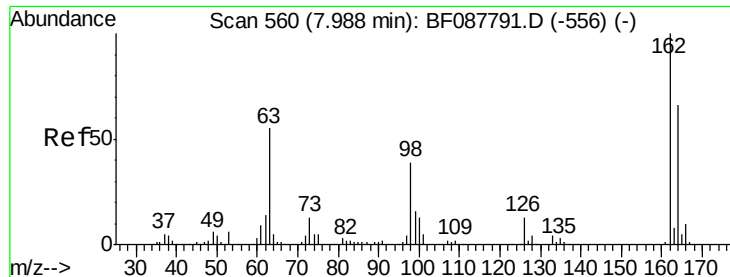
#28
bis(2-Chloroethoxy)methane
Concen: 37.40 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	254928		
95	32.4	26.5	39.7	
123	10.1	11.6	17.4	



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





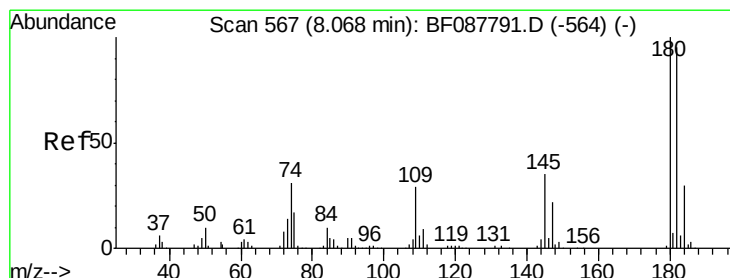
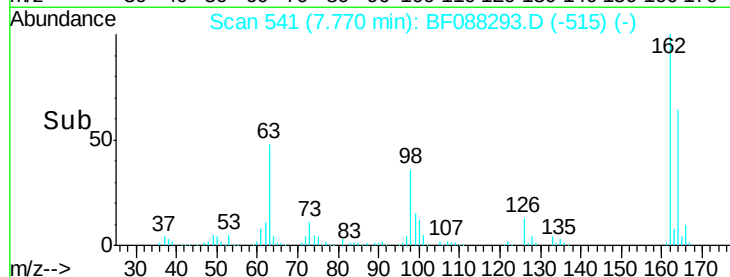
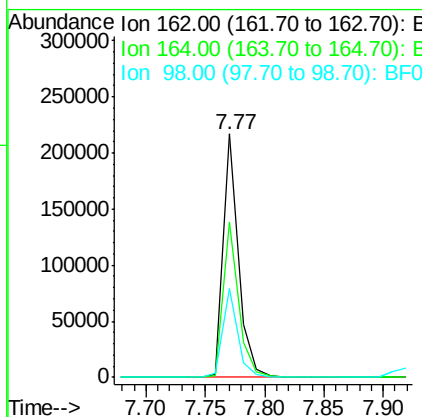
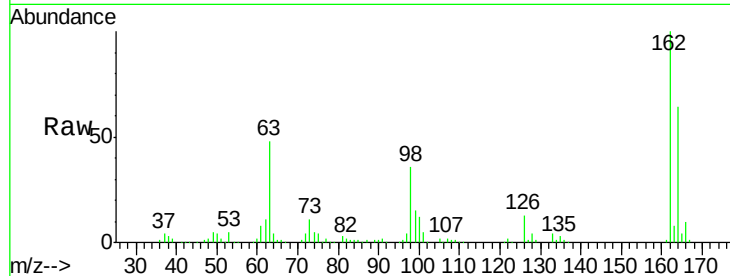
#29
 2,4-Dichlorophenol
 Concen: 40.40 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	43.8	83.8
98	36.5	21.3	61.3

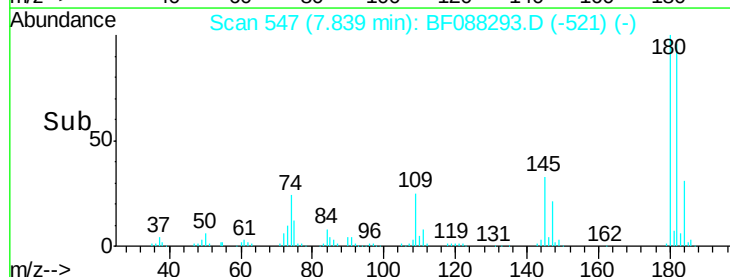
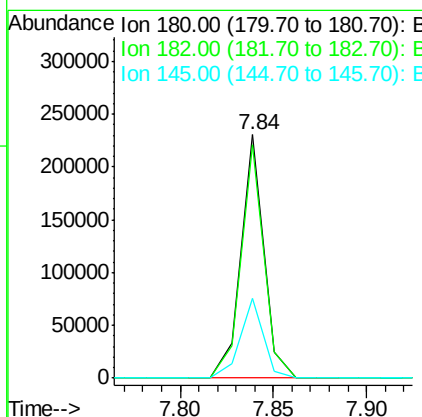
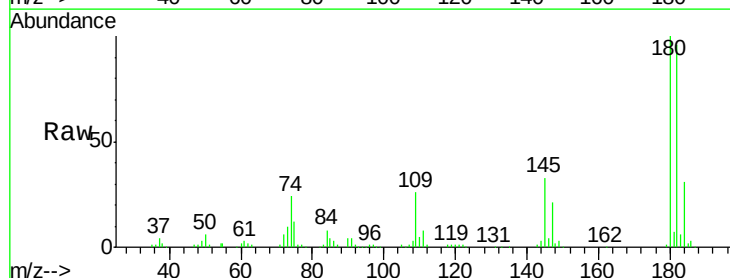
Manual Integrations
 APPROVED

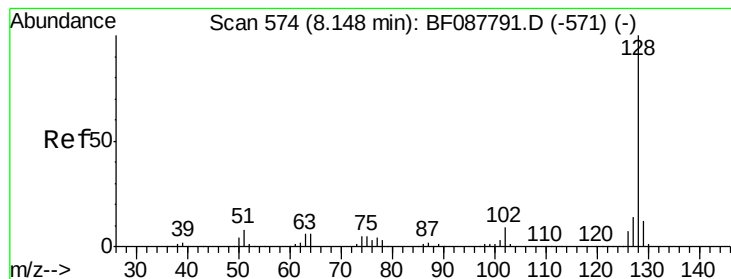
umangi
 6/23/2016 7:03:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.49 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	76.0	114.0
145	33.0	26.5	39.7





#31

Naphthalene

Concen: 38.83 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

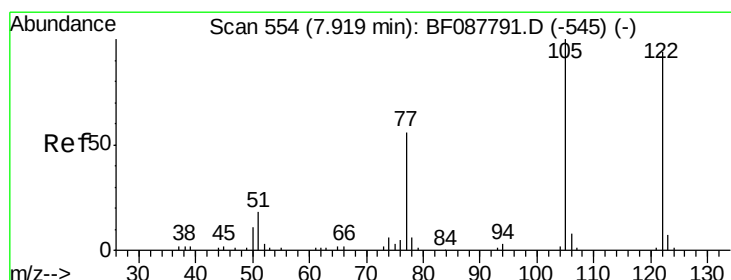
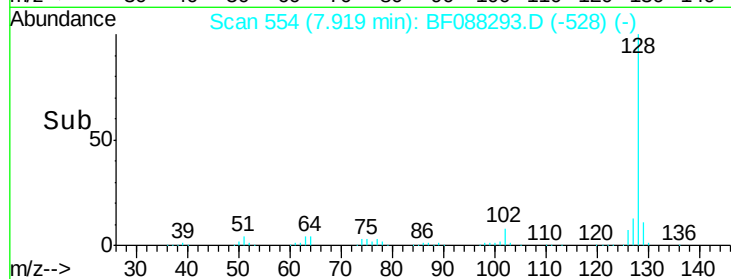
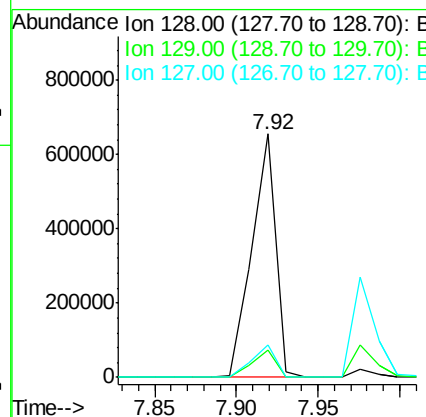
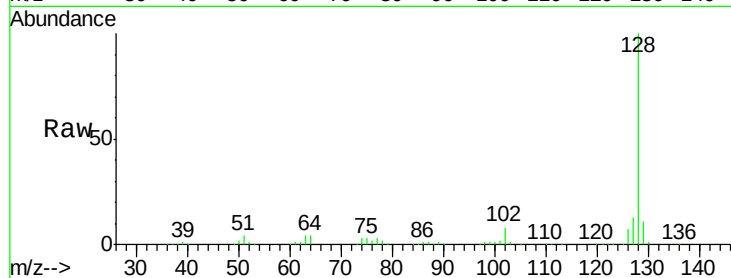
ClientSampleId :

SSTDCCC040EC

Tot Ion:	128	Resp:	665689
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.2
127	13.3	10.9	16.3

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#32

Benzoic acid

Concen: 33.33 ng

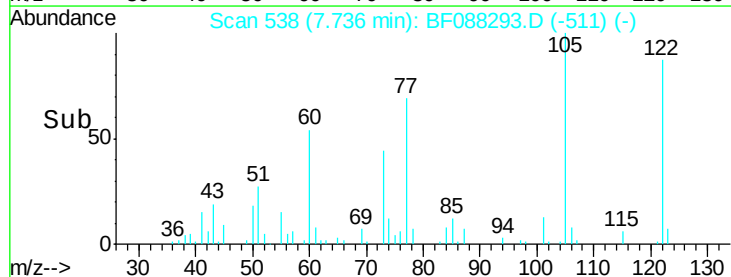
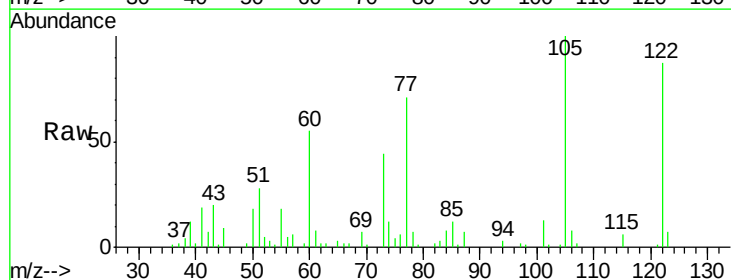
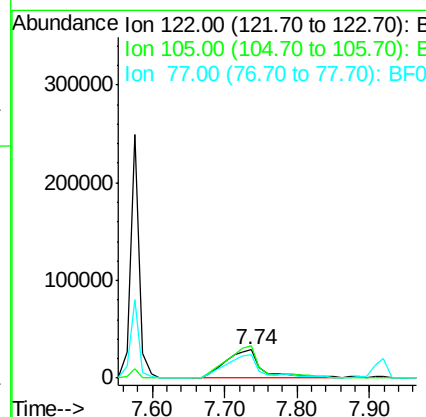
RT: 7.74 min Scan# 538

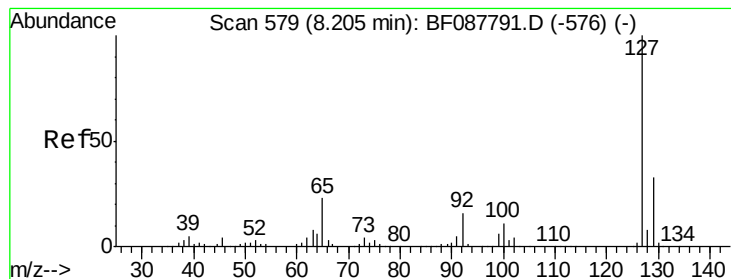
Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	122	Resp:	104018
Ion Ratio	Lower	Upper	
122	100		
105	115.6	101.6	141.6
77	81.5	70.6	110.6





#33

4-Chloroaniline

Concen: 34.89 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

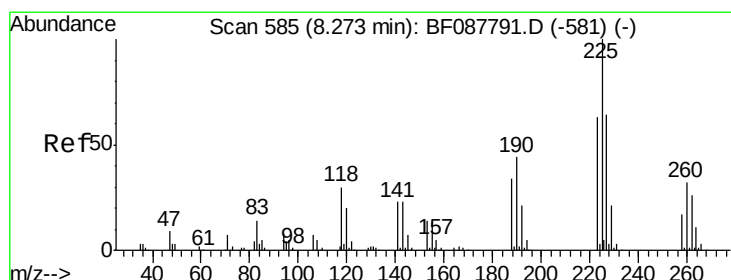
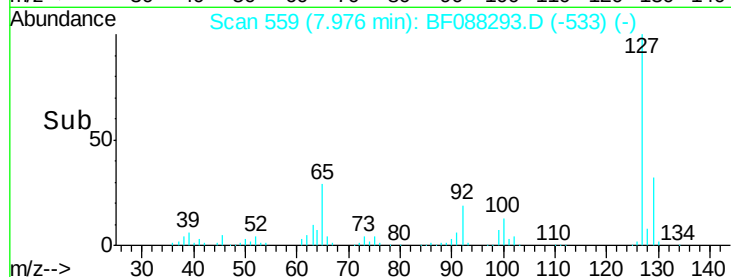
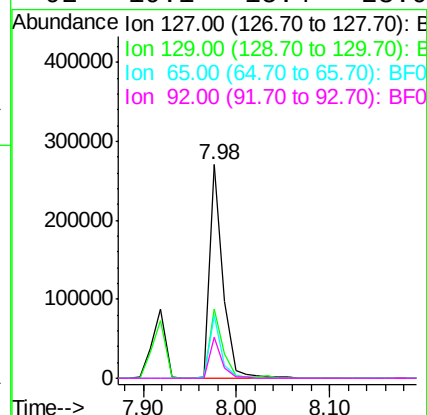
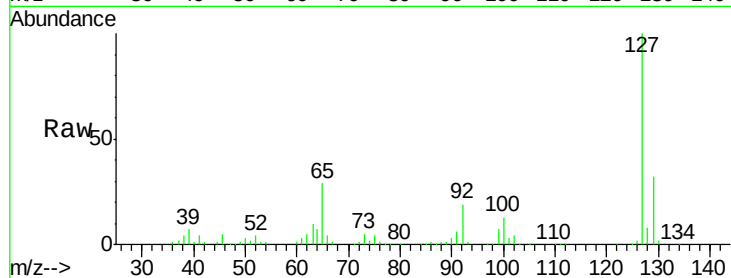
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		267107		
129	32.2	26.3	39.5		
65	29.5	24.7	37.1		
92	19.1	15.4	23.0		

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#34

Hexachlorobutadiene

Concen: 37.93 ng

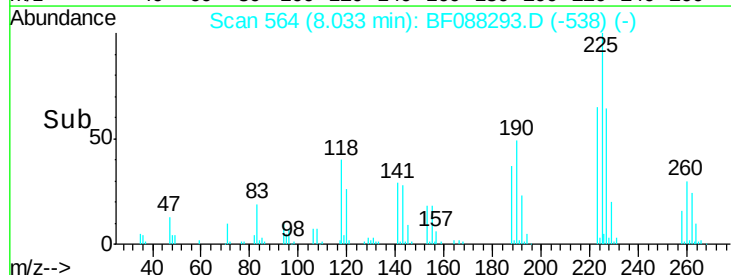
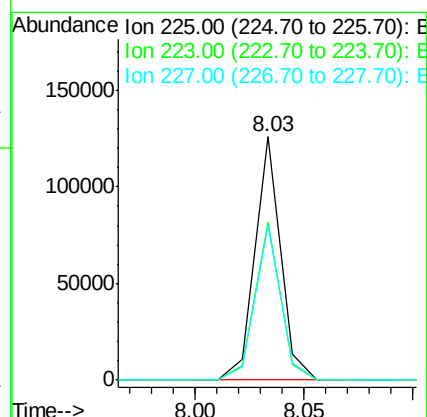
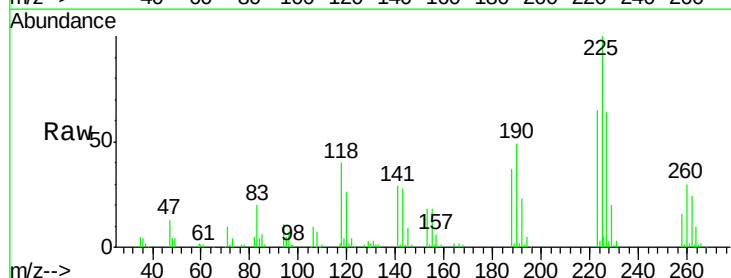
RT: 8.03 min Scan# 564

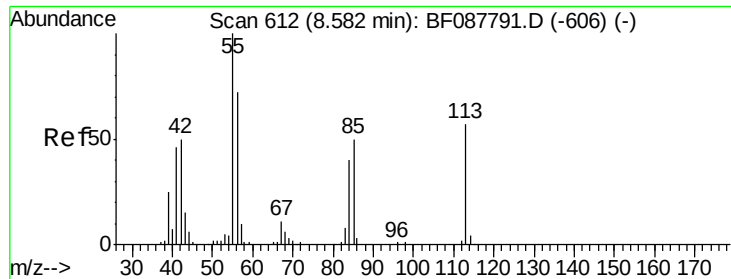
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		103076		
223	64.7	50.9	76.3		
227	63.9	51.9	77.9		





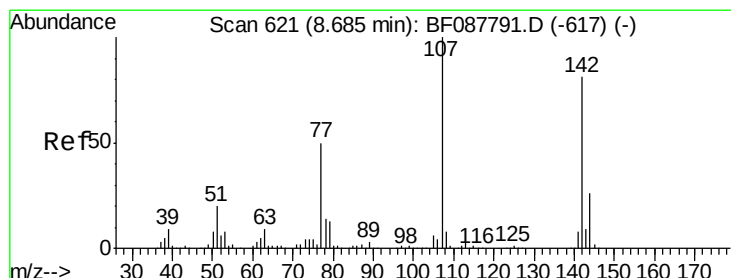
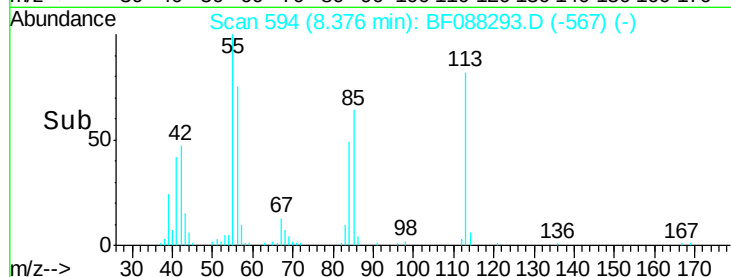
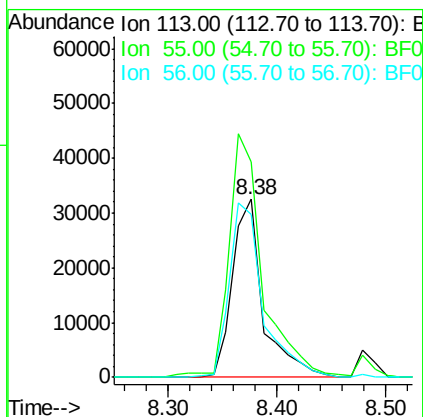
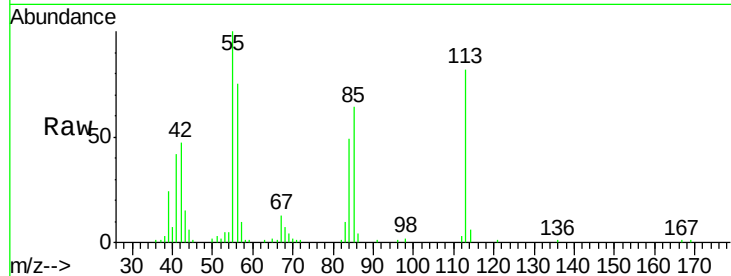
#35
 Caprolactam
 Concen: 40.27 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	121.3	158.6	198.6#
56	91.5	110.6	150.6#

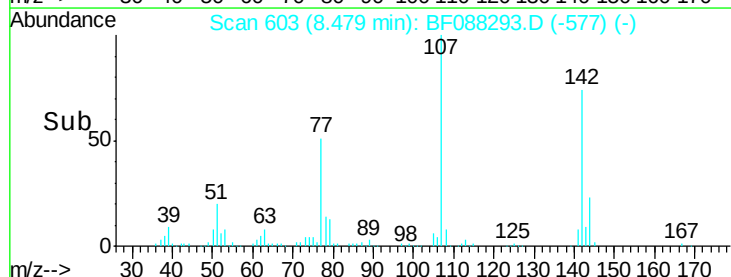
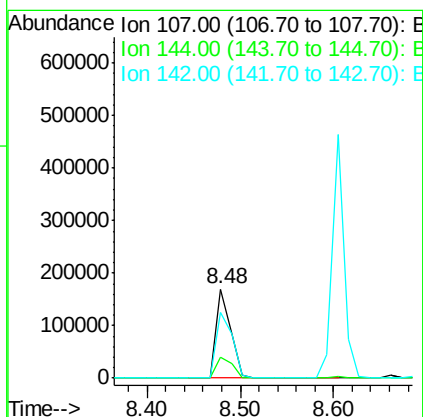
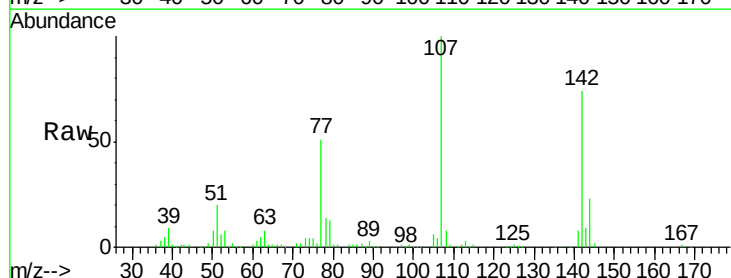
Manual Integrations
 APPROVED

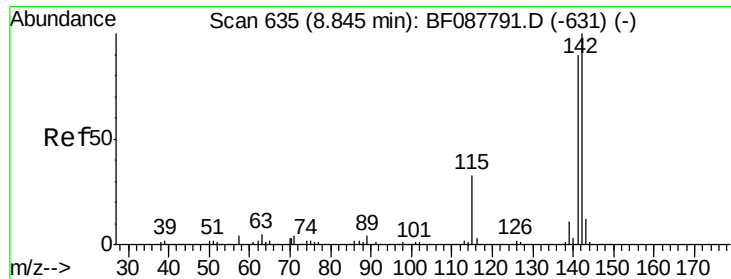
umangi
 6/23/2016 7:03:58 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.00 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.8	31.2
142	74.1	63.4	95.2





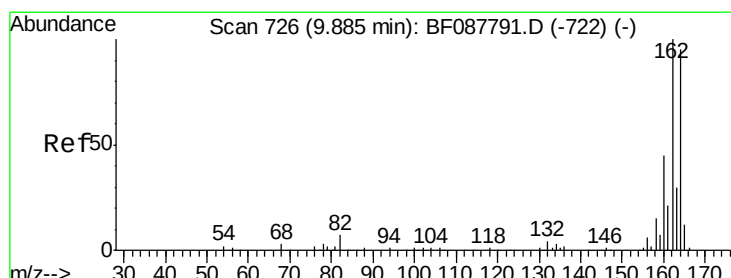
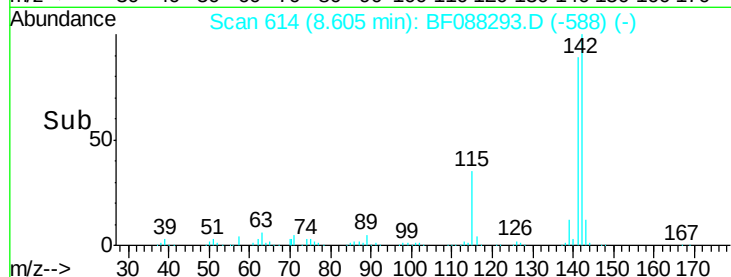
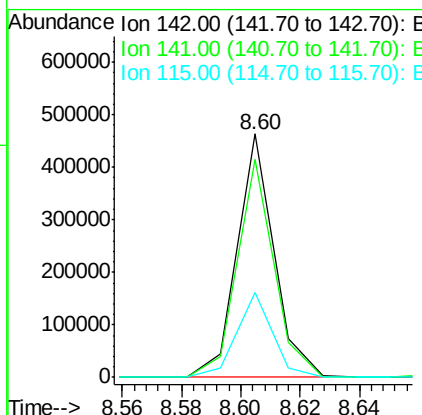
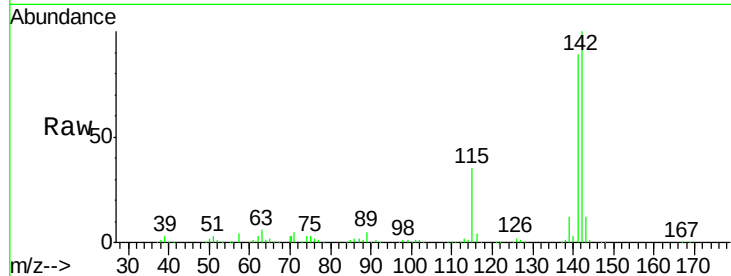
#37
 2-Methylnaphthalene
 Concen: 35.52 ng/ml
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	34.7	22.6	33.8

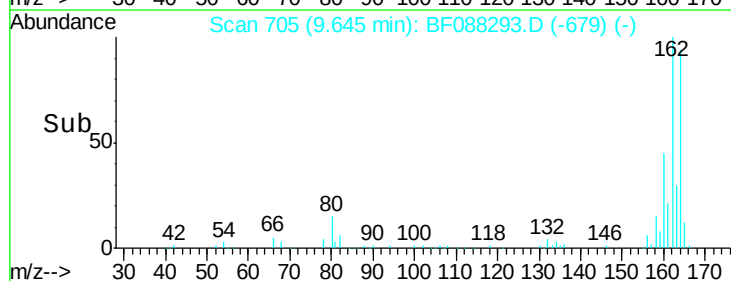
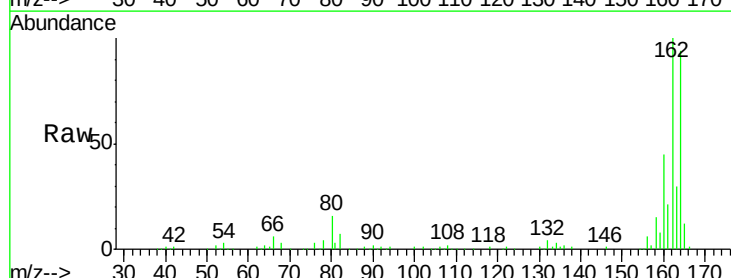
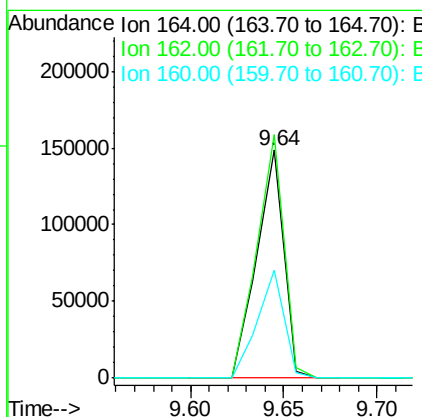
Manual Integrations
 APPROVED

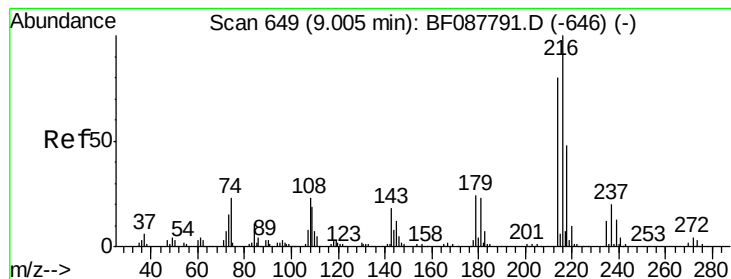
umangi
 6/23/2016 7:03:58 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.4	128.2
160	47.5	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.56 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 189682
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

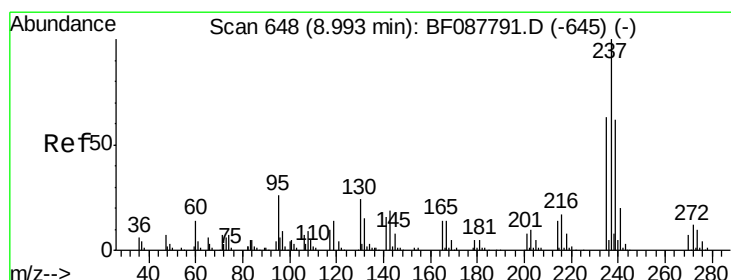
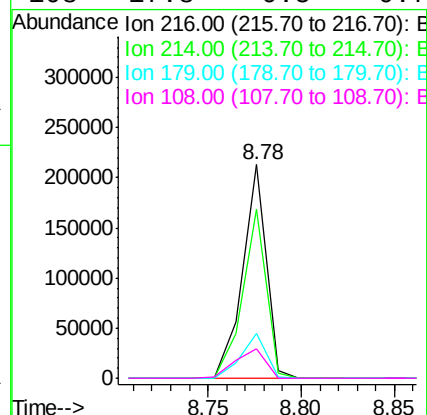
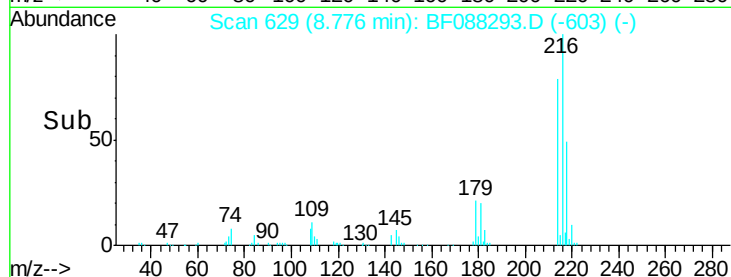
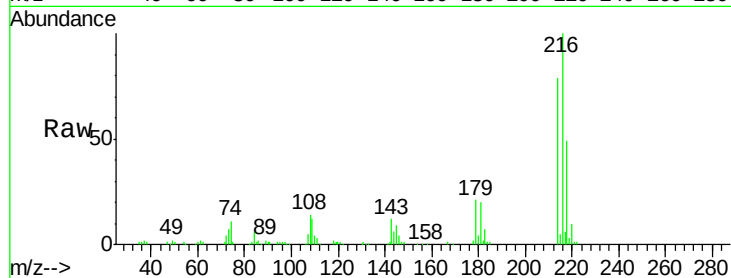
179 22.2 0.0 0.0#

108 17.8 0.5 0.7#

Manual Integrations
APPROVED

umangi

6/23/2016 7:03:58 PM



#40

Hexachlorocyclopentadiene

Concen: 4.04 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF088293.D

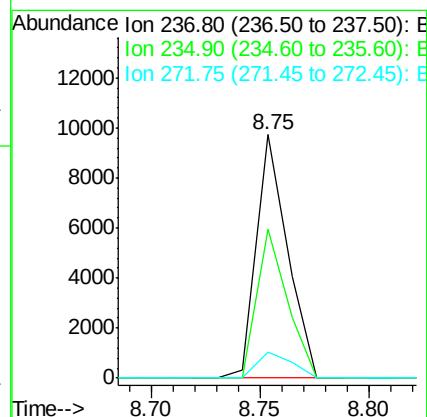
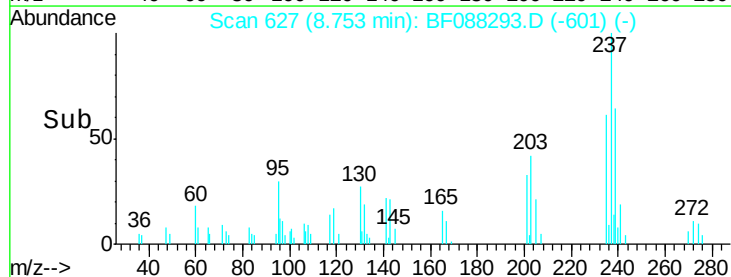
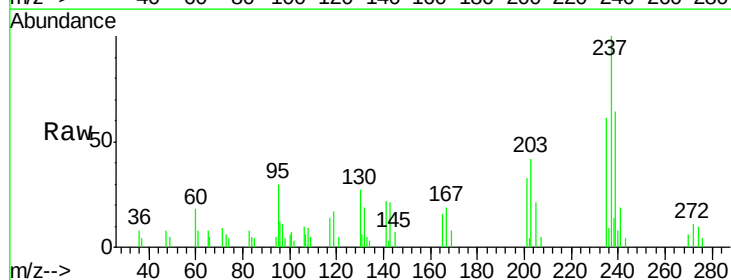
Acq: 23 Jun 2016 13:51

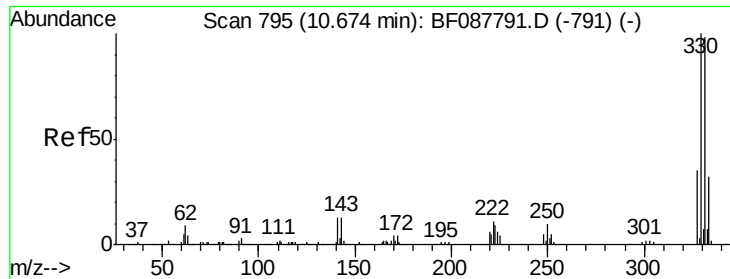
Tgt Ion:237 Resp: 9677
Ion Ratio Lower Upper

237 100

235 61.3 43.4 83.4

272 10.6 0.0 32.3





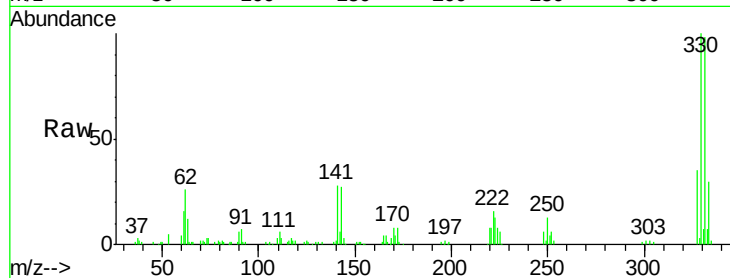
#41
 2,4,6-Tribromophenol
 Concen: 59.85 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

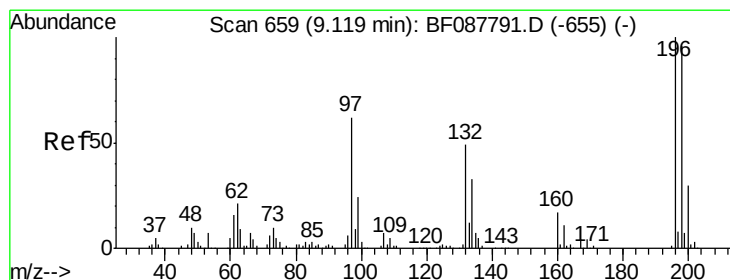
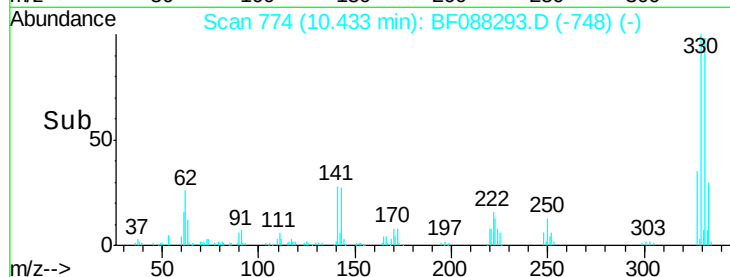
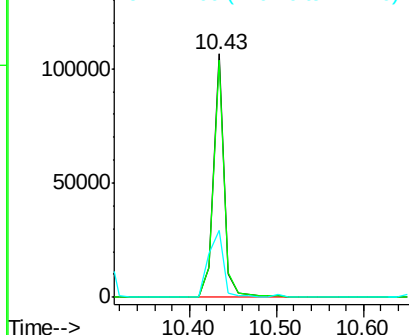
Tot Ion	Ratio	Resp	Lower	Upper
330	100	93945		
332	97.6	0.0	0.0	0.0
141	37.7	0.0	0.0	0.0

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:03:58 PM

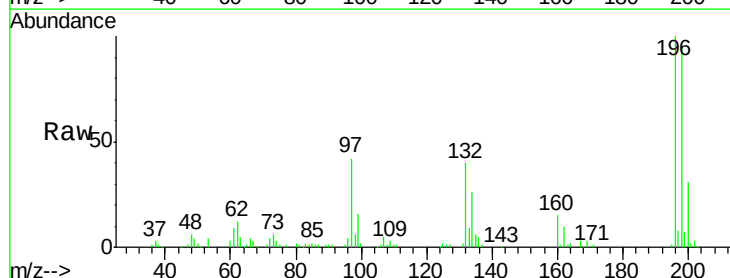


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

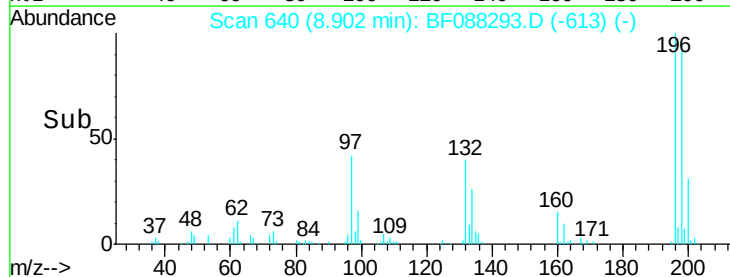
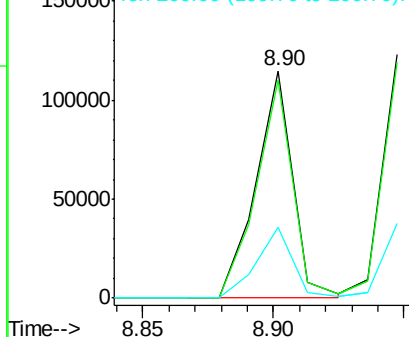


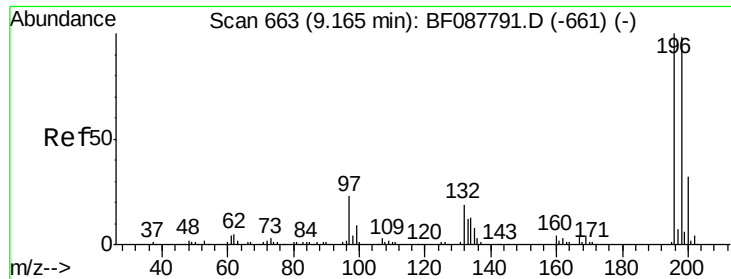
#42
 2,4,6-Trichlorophenol
 Concen: 38.00 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112969		
198	96.0	78.0	117.0	
200	31.0	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





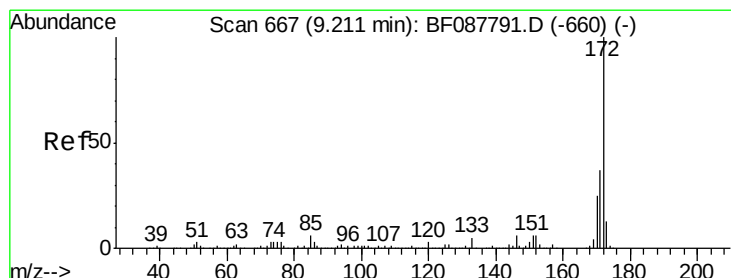
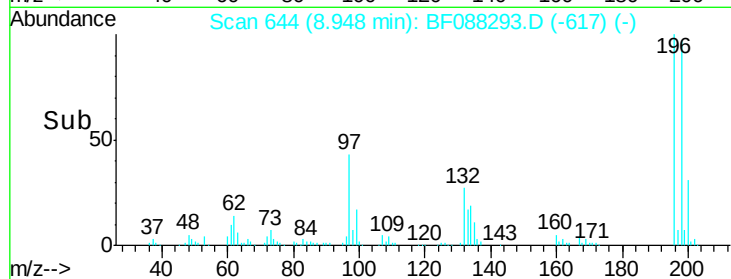
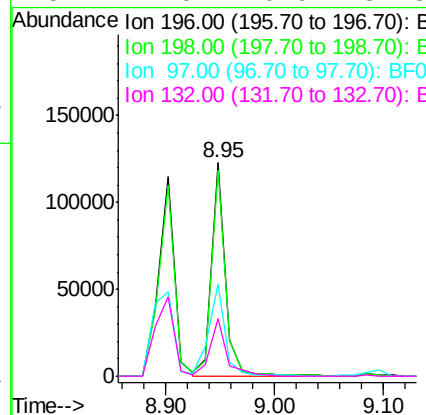
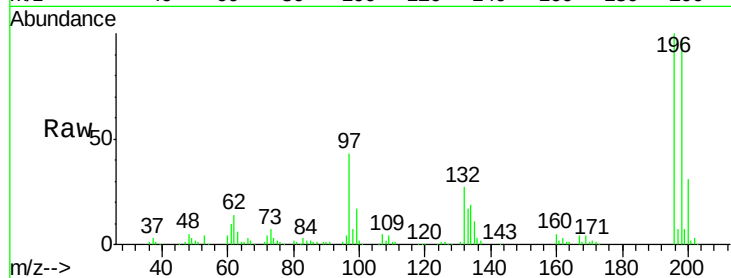
#43
 2,4,5-Trichlorophenol
 Concen: 35.45 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		109633		
198	96.7	77.5	116.3		
97	43.3	32.0	48.0		
132	27.0	20.9	31.3		

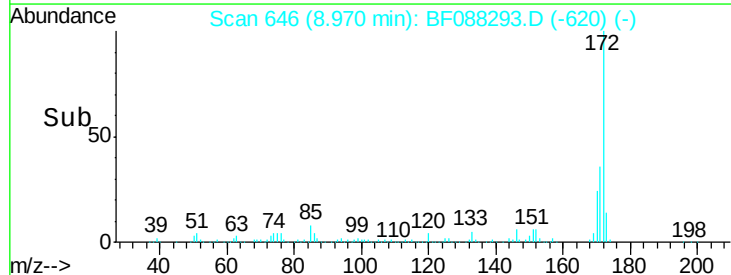
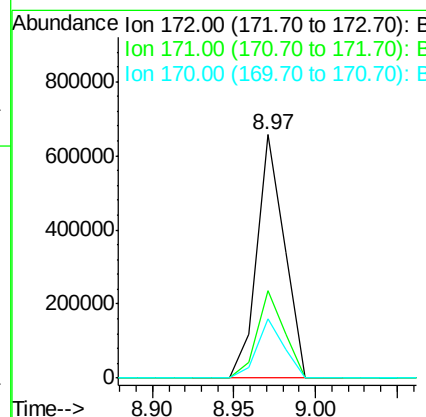
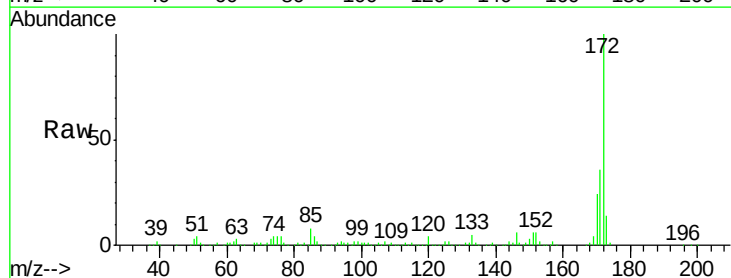
Manual Integrations
 APPROVED

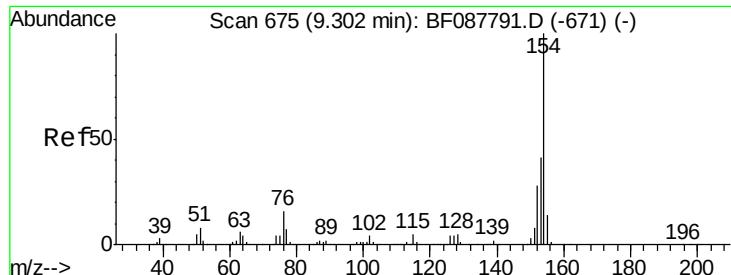
umangi
 6/23/2016 7:03:58 PM



#44
 2-Fluorobiphenyl
 Concen: 80.70 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		766346		
171	36.0	28.6	43.0		
170	24.2	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 47.26 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

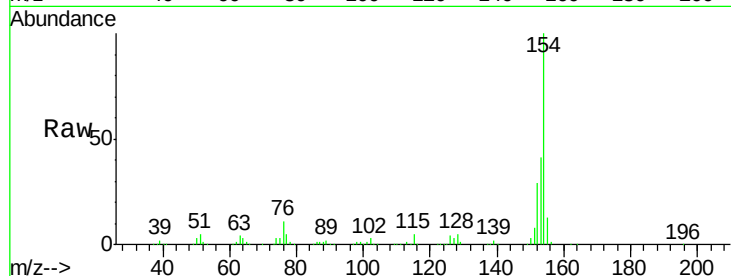
ClientSampleId :

SSTDCCC040EC

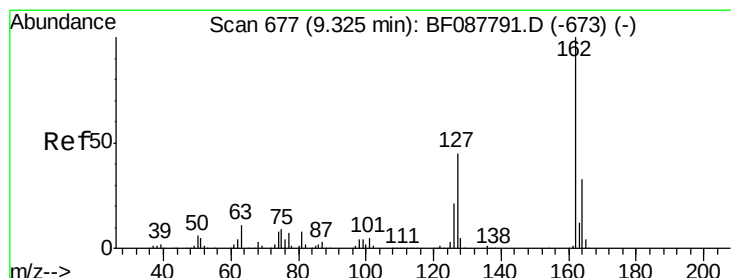
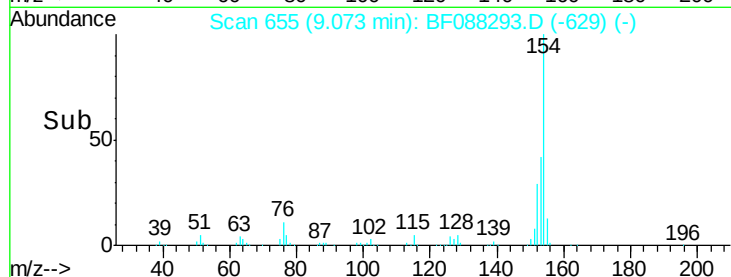
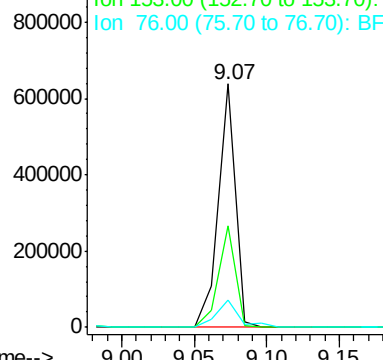
Tot Ion:	154	Resp:	523875
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.6	60.6
76	11.3	0.0	35.1

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 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: 41.45 ng

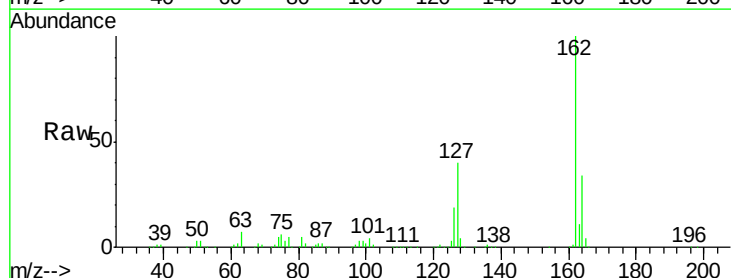
RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

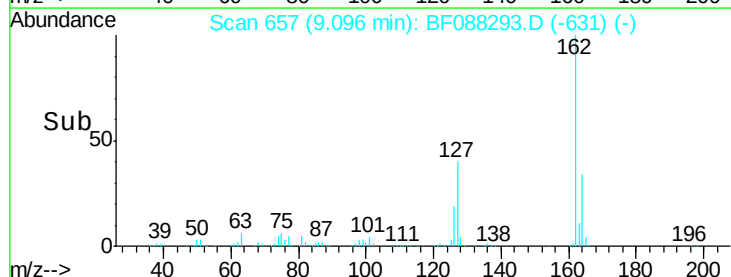
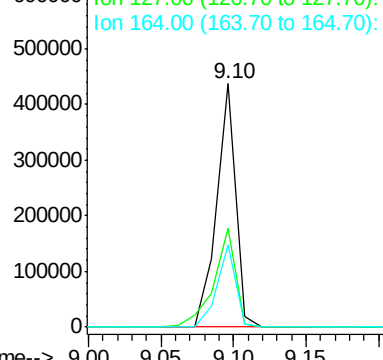
Lab File: BF088293.D

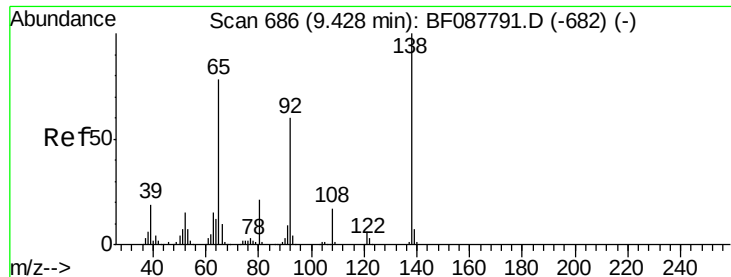
Acq: 23 Jun 2016 13:51

Tgt Ion:	162	Resp:	398749
Ion Ratio	Lower	Upper	
162	100		
127	40.4	35.2	52.8
164	33.9	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





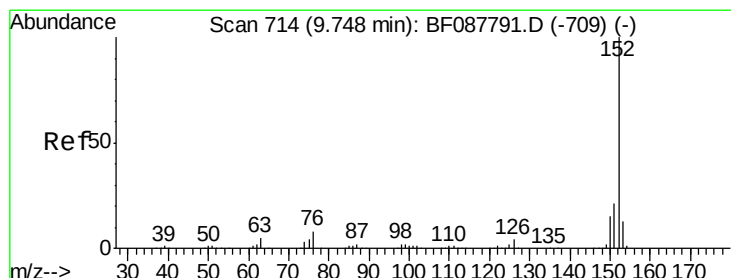
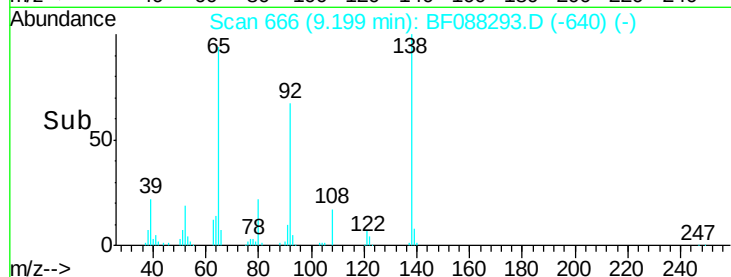
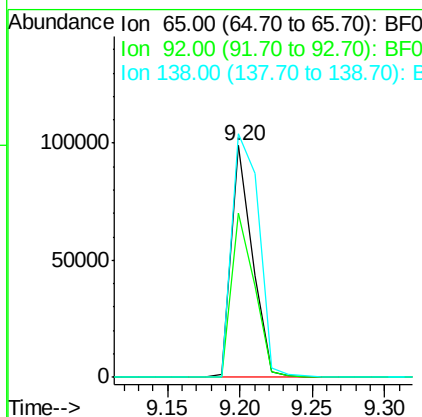
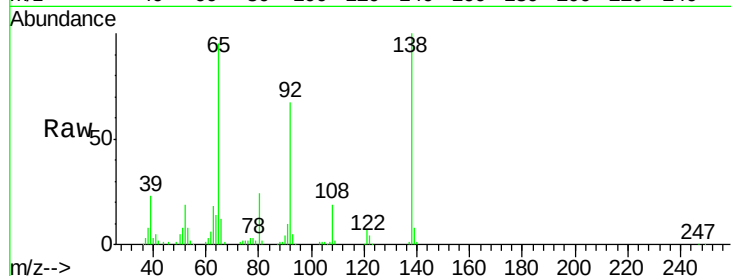
#47
2-Nitroaniline
Concen: 35.59 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	105.0	77.0	115.4

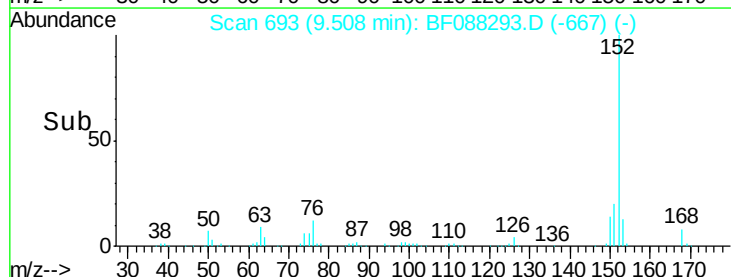
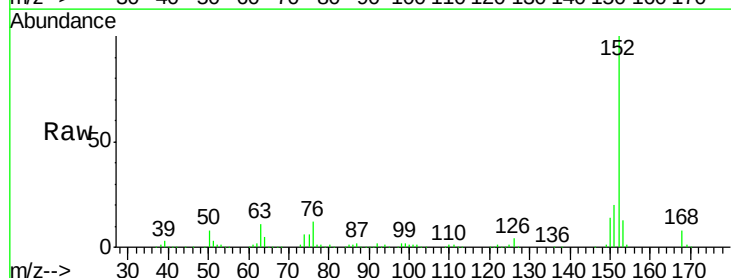
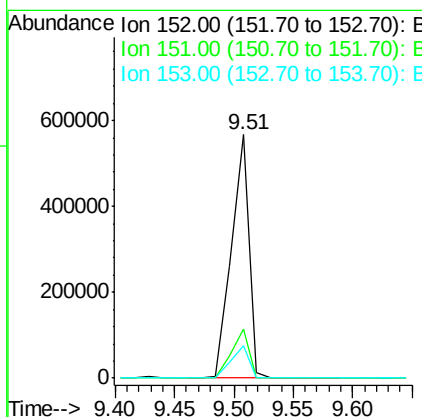
Manual Integrations
APPROVED

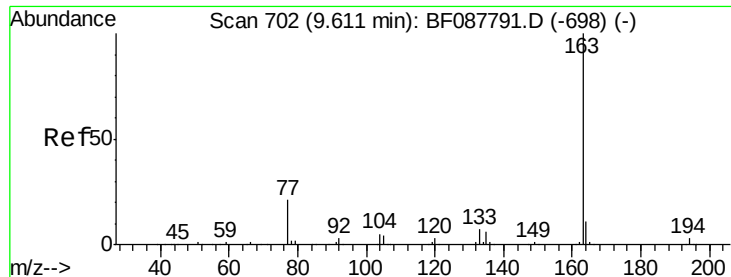
umangi
6/23/2016 7:03:58 PM



#48
Acenaphthylene
Concen: 37.98 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	11.0	16.6





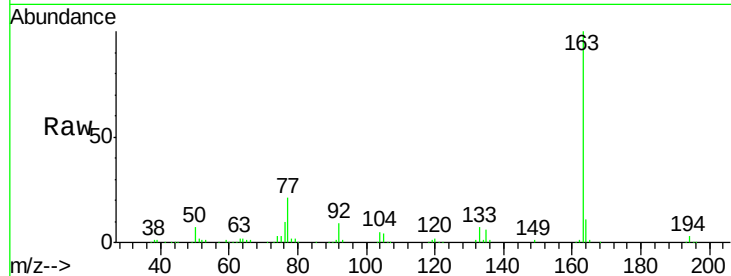
#49
Dimethylphthalate
Concen: 40.84 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

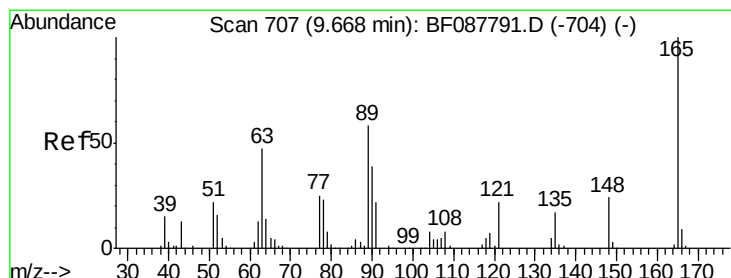
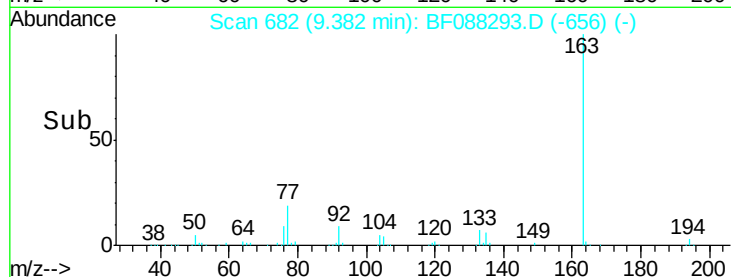
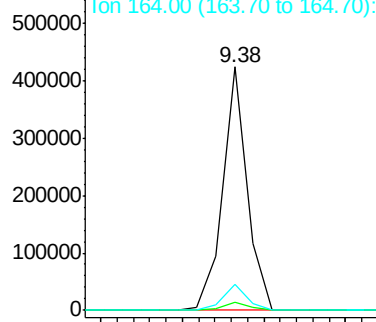
Tot Ion	Ratio	Resp	Lower	Upper
163	100	439821		
194	3.2		2.8	4.2
164	10.6		8.3	12.5

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM

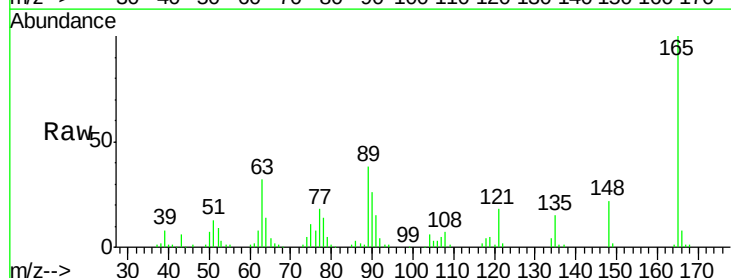


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

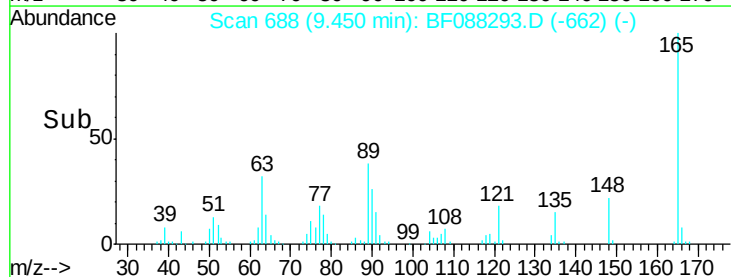
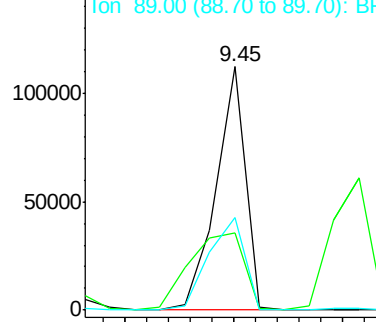


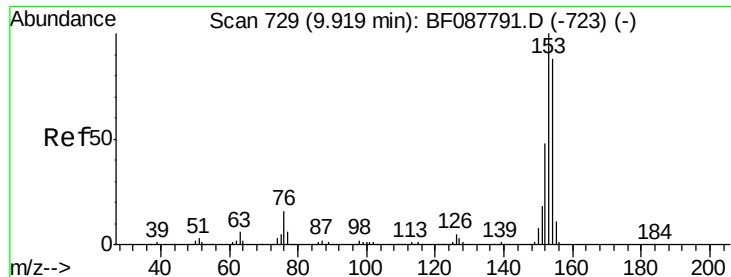
#50
2,6-Dinitrotoluene
Concen: 42.78 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	105493		
63	31.9		28.1	42.1
89	38.0		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: 37.18 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

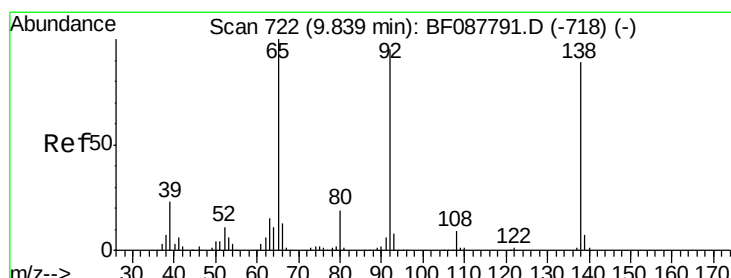
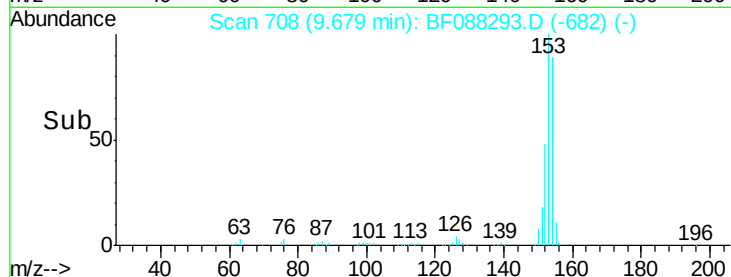
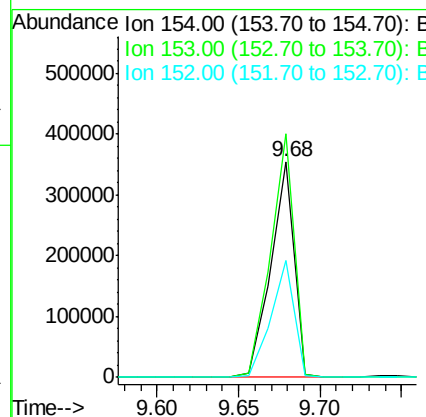
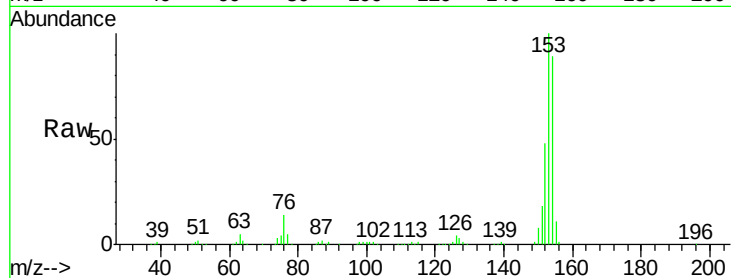
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	354904
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.5	134.3
152	53.9	42.7	64.1

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#52

3-Nitroaniline

Concen: 40.37 ng

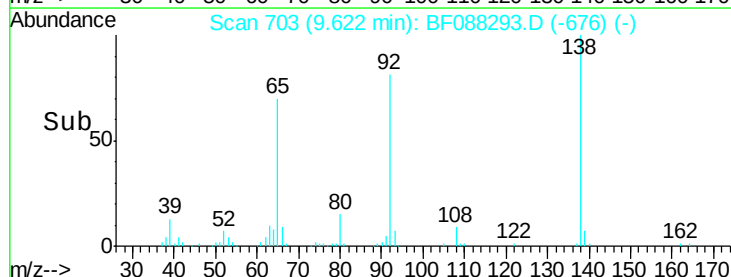
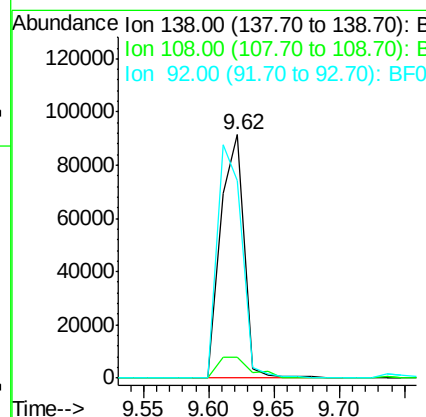
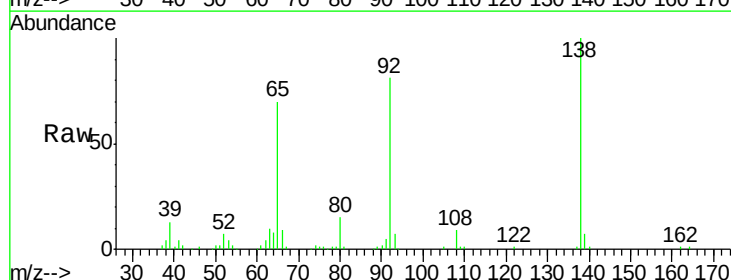
RT: 9.62 min Scan# 703

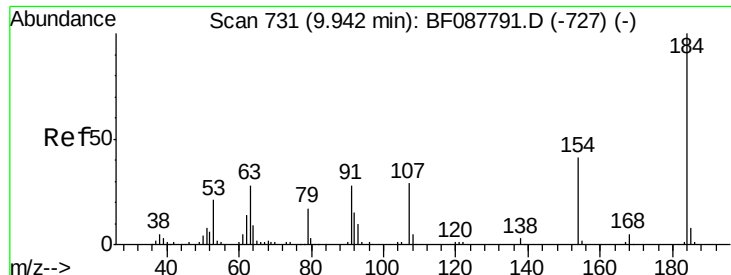
Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	138	Resp:	114891
Ion Ratio	Lower	Upper	
138	100		
108	8.6	8.5	12.7
92	80.9	95.7	143.5#





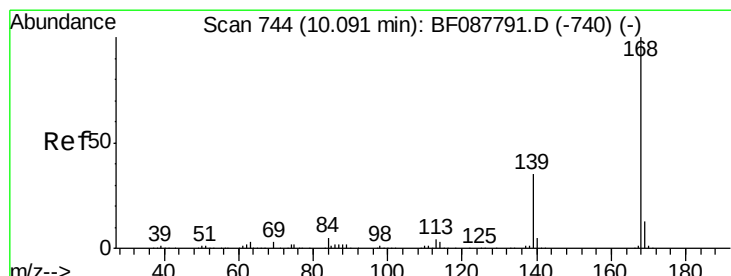
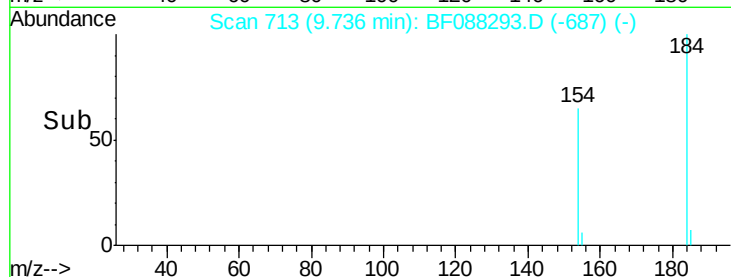
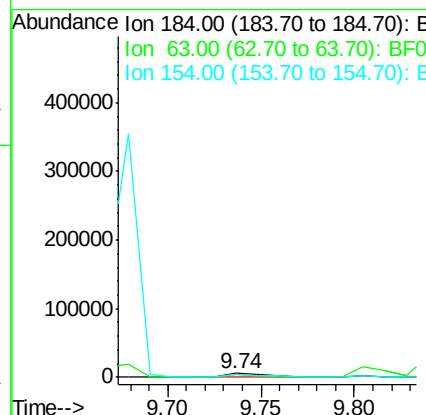
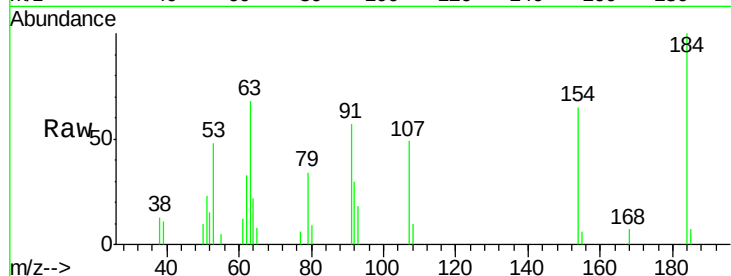
#53
 2,4-Dinitrophenol
 Concen: 12.76 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.8	57.6	86.4	
154	64.9	53.5	80.3	

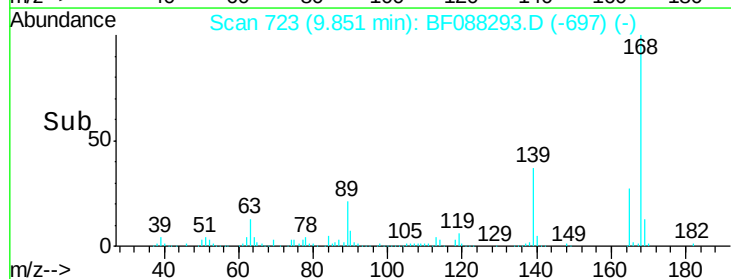
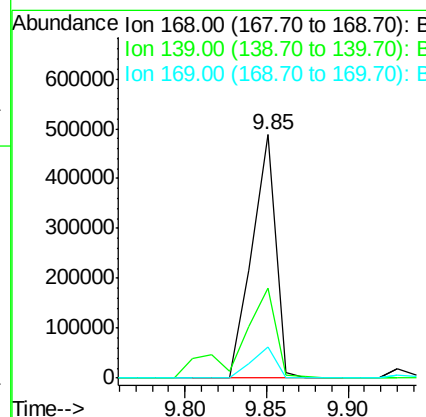
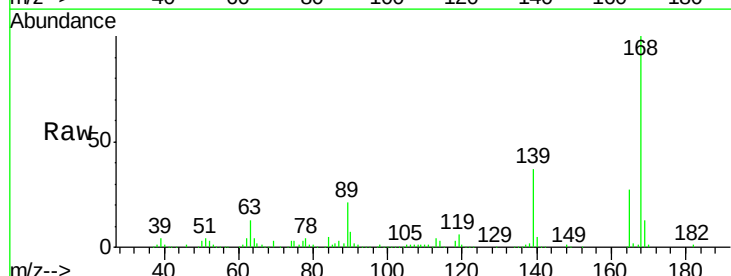
Manual Integrations
 APPROVED

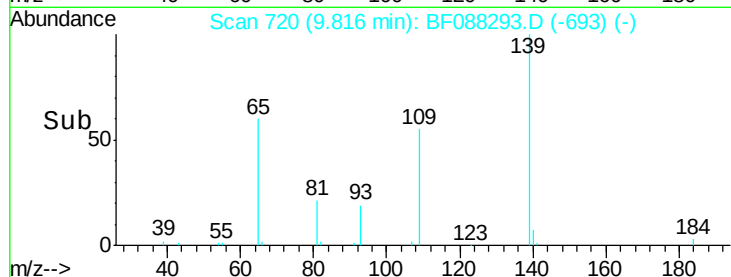
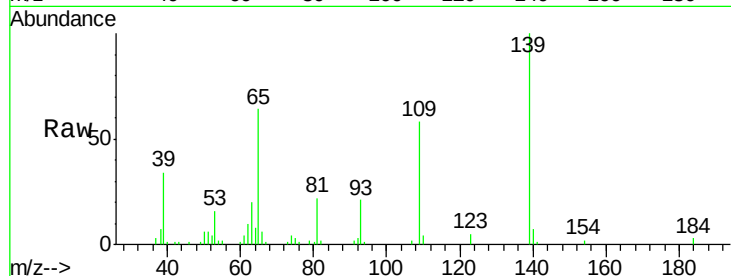
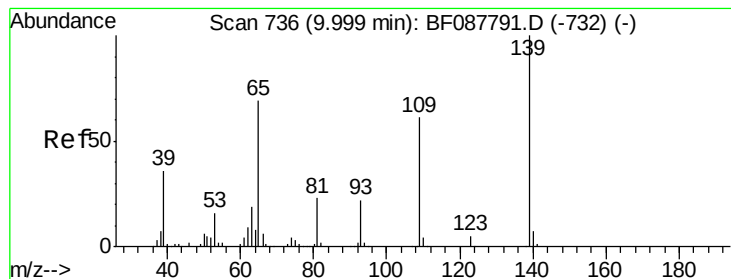
umangi
 6/23/2016 7:03:58 PM



#54
 Dibenzofuran
 Concen: 37.51 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.8	26.4	39.6	
169	12.9	10.4	15.6	





#55

4-Nitrophenol

Concen: 30.81 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tot Ion:	139	Resp:	68047
Ion Ratio	Lower	Upper	
139	100		
109	58.0	48.9	88.9
65	64.3	84.9	124.9

Instrument :

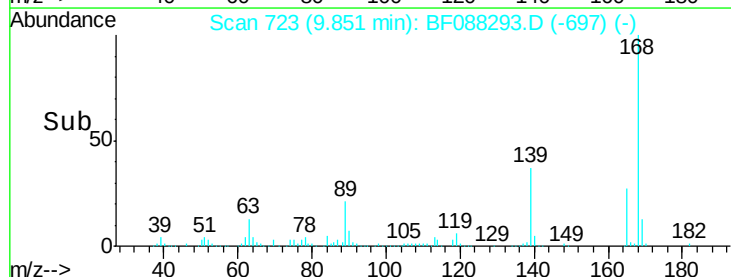
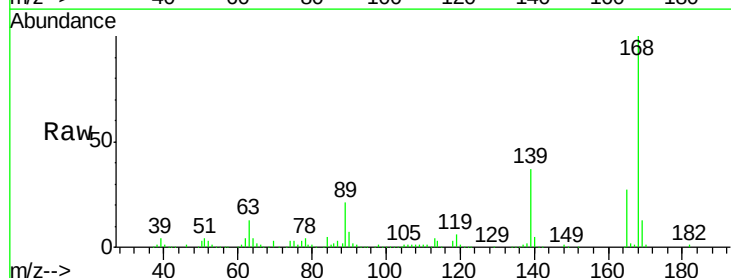
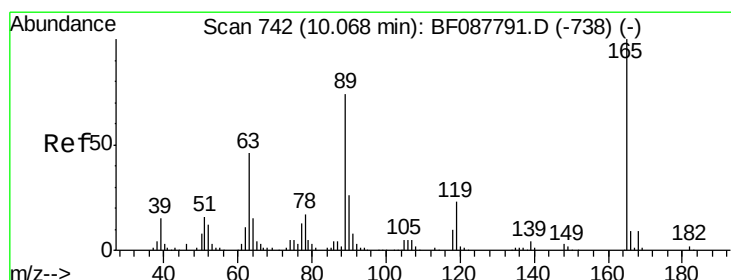
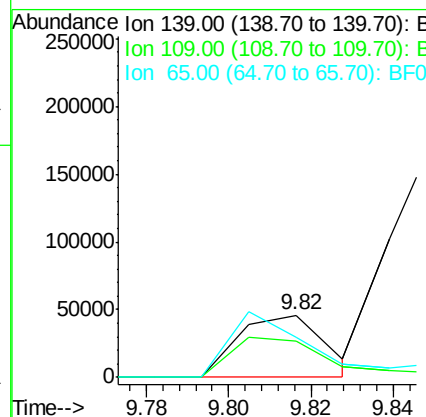
BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#56

2,4-Dinitrotoluene

Concen: 34.76 ng/mL

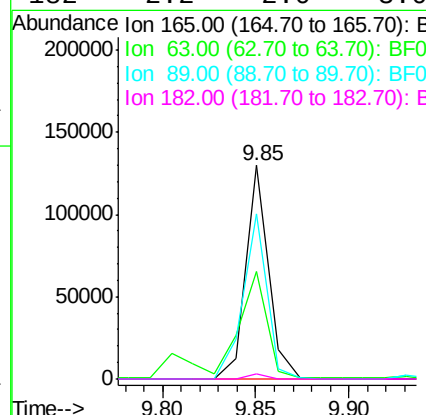
RT: 9.85 min Scan# 723

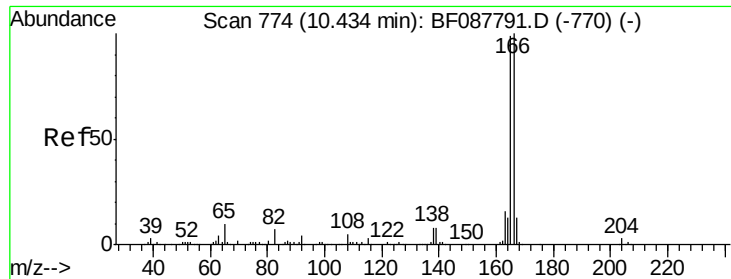
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	165	Resp:	110153
Ion Ratio	Lower	Upper	
165	100		
63	50.2	22.0	33.0
89	77.6	41.1	61.7
182	2.2	2.0	3.0





#57

Fluorene

Concen: 42.01 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

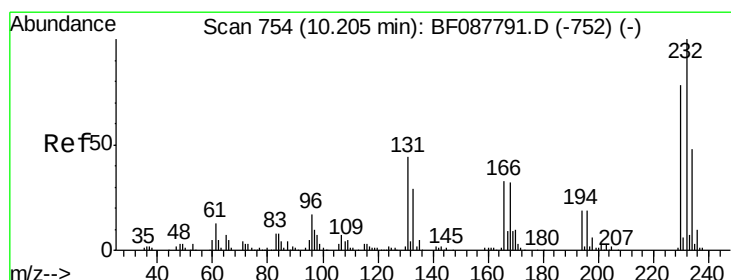
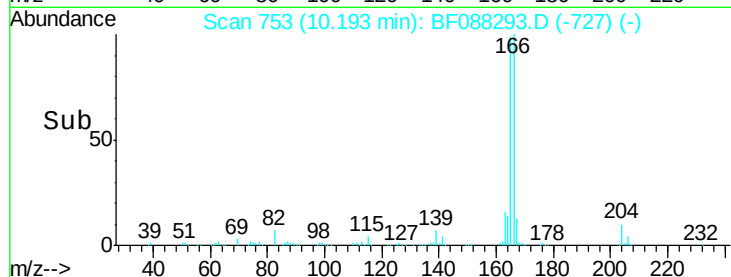
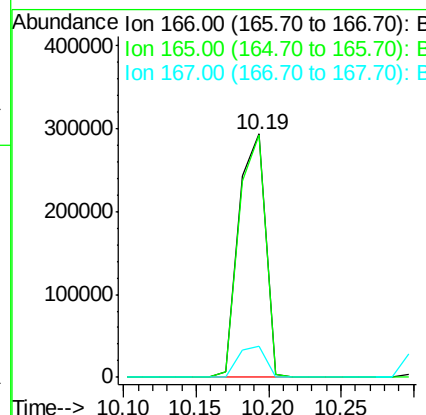
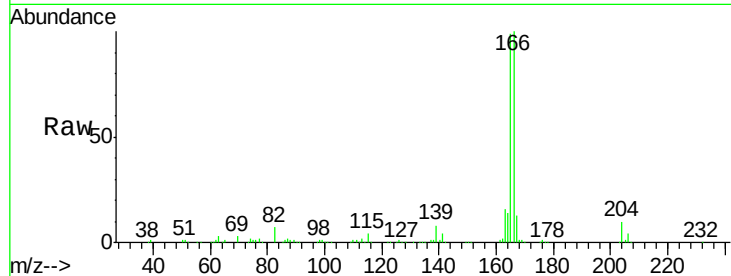
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	376040
Ion Ratio		Lower	Upper
166	100		
165	99.3	77.8	116.8
167	12.7	11.2	16.8

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.03 ng

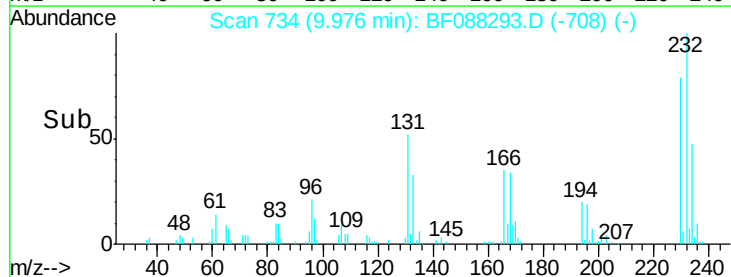
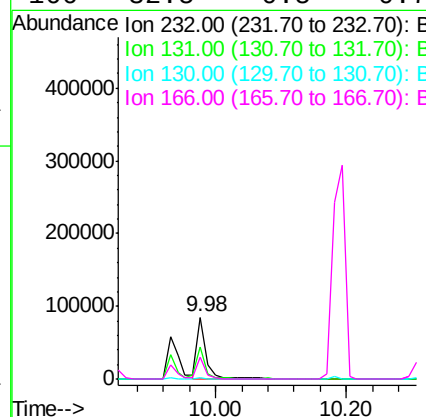
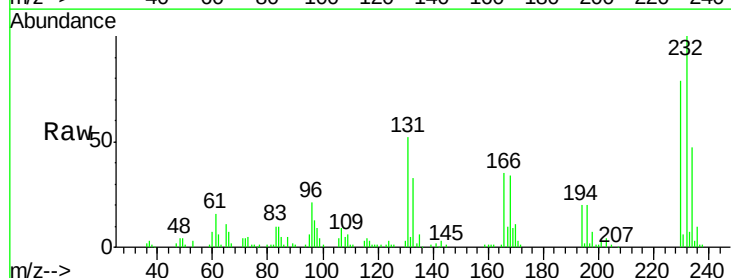
RT: 9.98 min Scan# 734

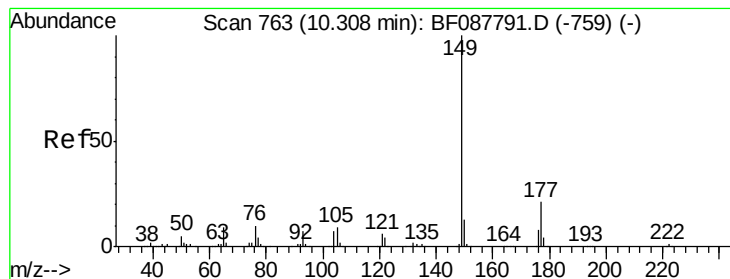
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	232	Resp:	82719
Ion Ratio		Lower	Upper
232	100		
131	51.1	0.9	1.3#
130	2.1	1.5	2.3
166	32.5	0.5	0.7#





#59

Diethylphthalate

Concen: 42.24 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

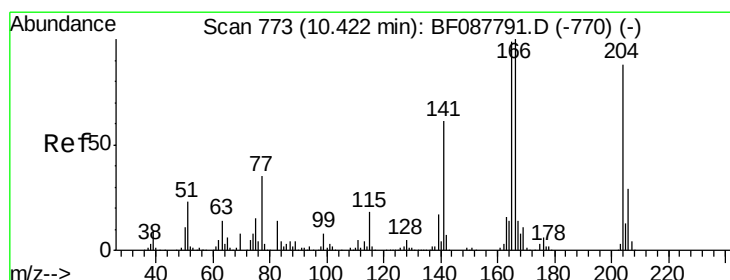
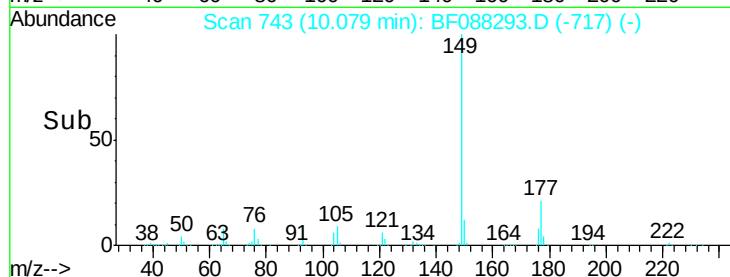
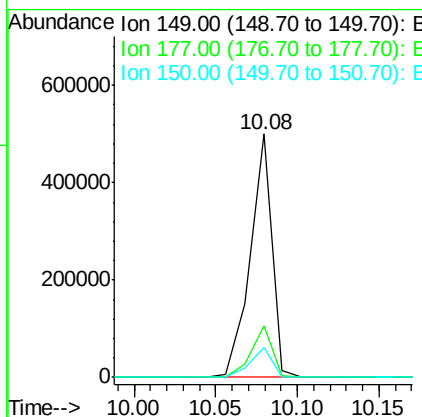
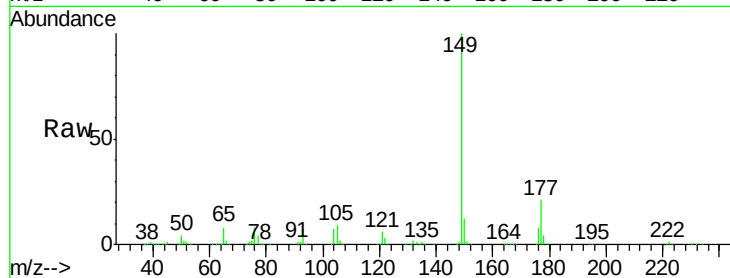
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	460396
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.9	25.3
150	12.3	10.1	15.1

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#60

4-Chlorophenyl-phenylether

Concen: 35.85 ng

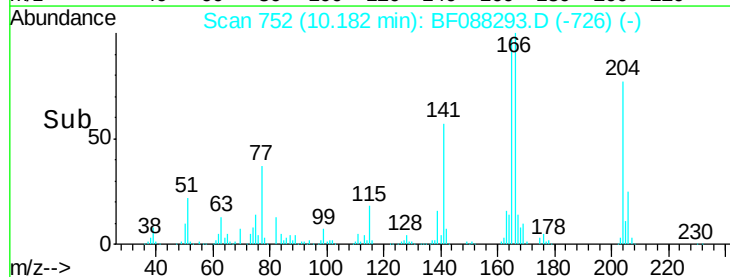
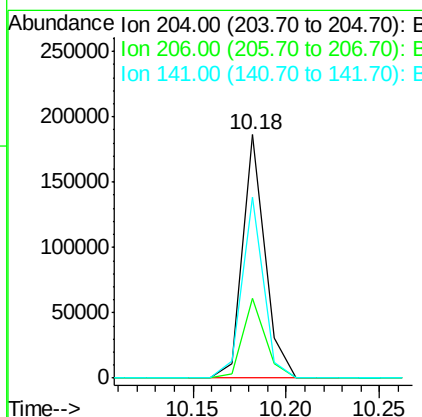
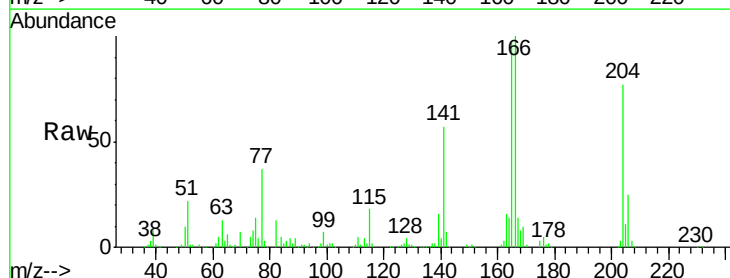
RT: 10.18 min Scan# 752

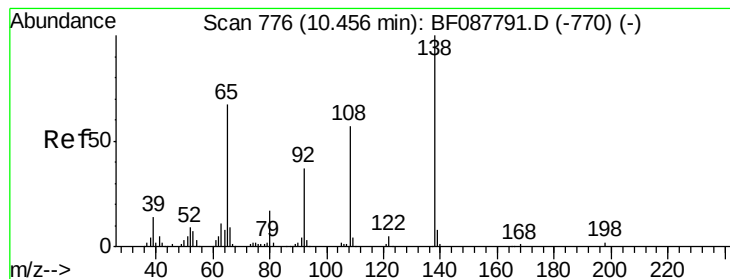
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	204	Resp:	156727
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.3	39.5
141	74.5	55.0	82.6





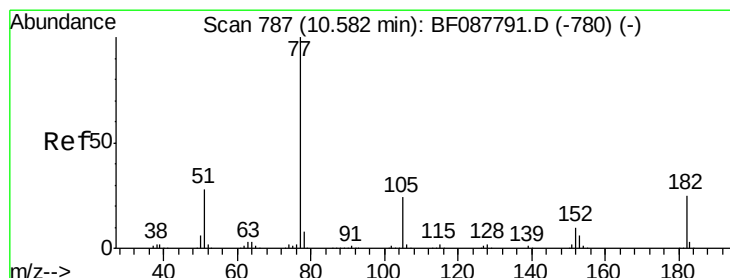
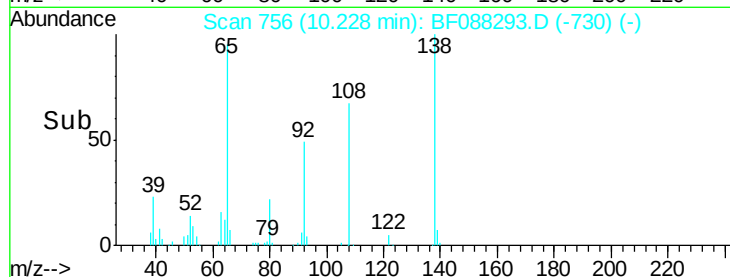
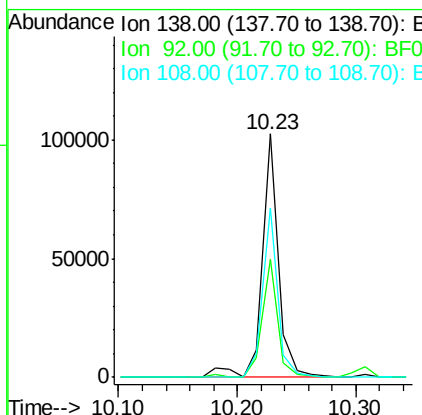
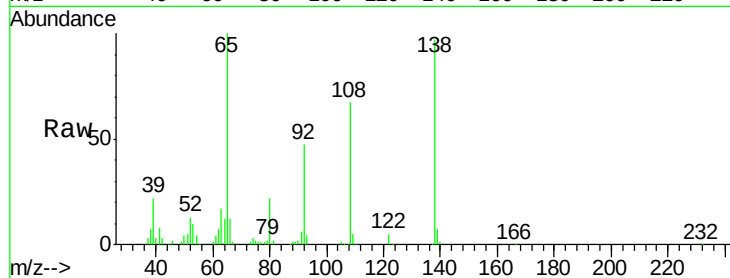
#61
4-Nitroaniline
Concen: 36.57 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.3	67.3
108	69.6	46.7	86.7

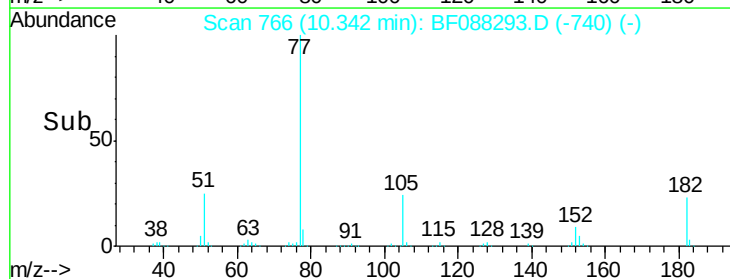
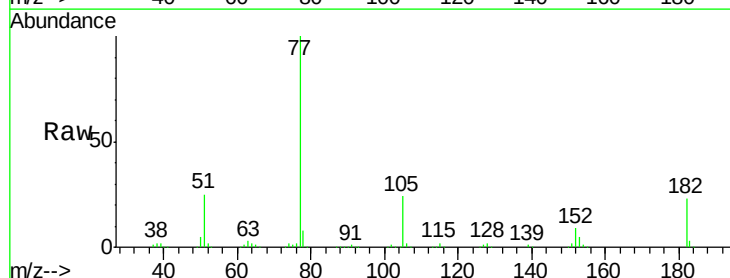
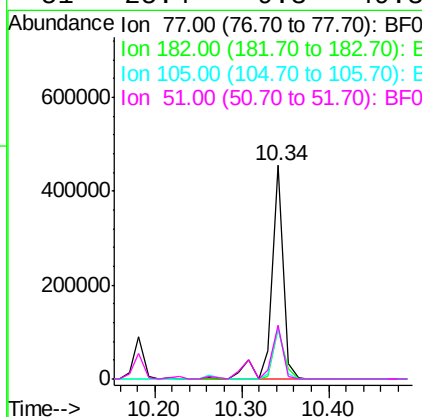
Manual Integrations
APPROVED

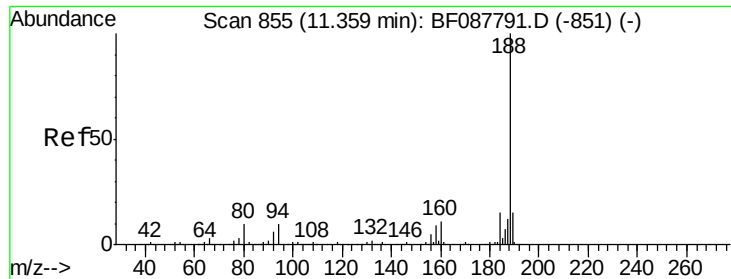
umangi
6/23/2016 7:03:58 PM



#62
Azobenzene
Concen: 39.18 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.4	44.4
105	23.9	3.8	43.8
51	25.4	9.3	49.3





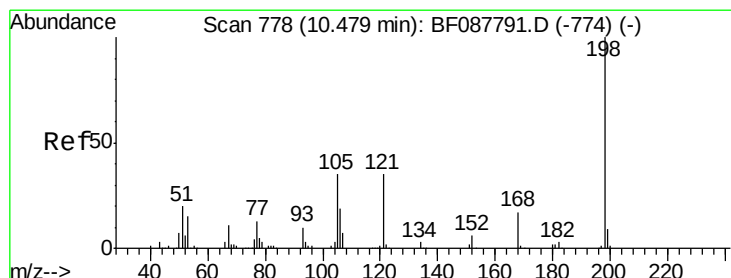
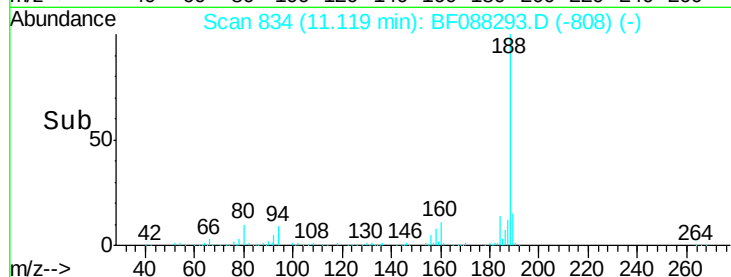
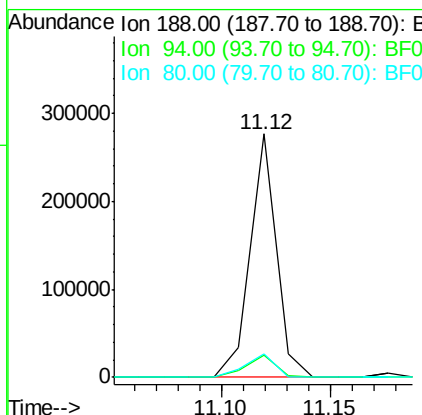
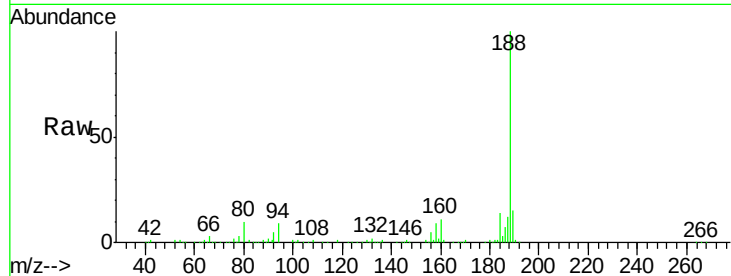
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	9.0	13.6
80	9.6	10.0	15.0#

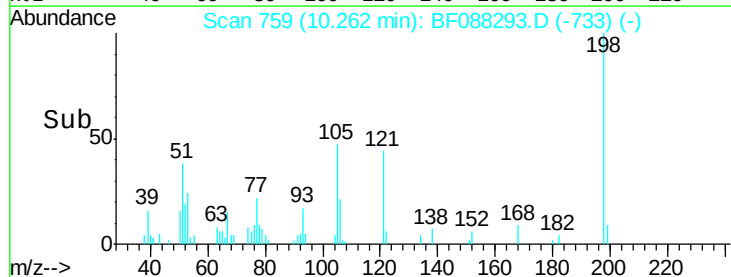
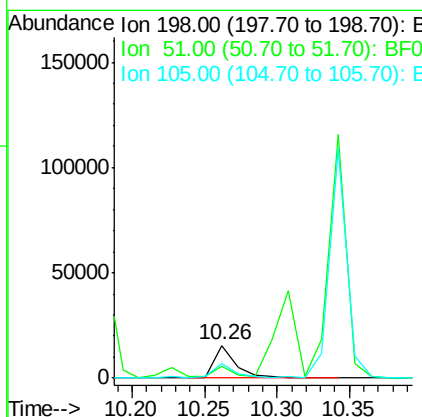
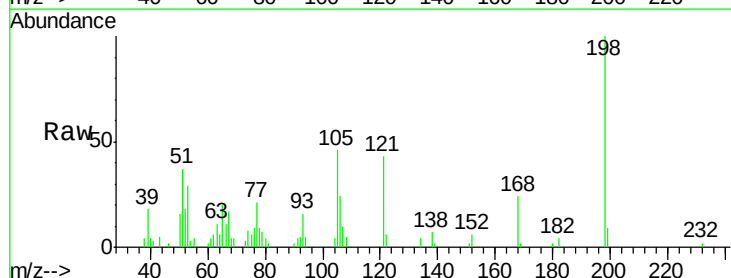
Manual Integrations
APPROVED

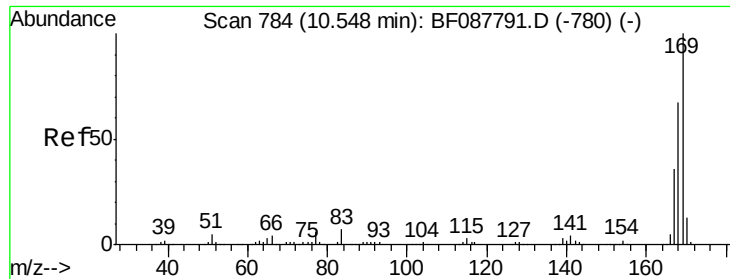
umangi
6/23/2016 7:03:58 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.46 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	36.8	39.6	79.6#
105	46.3	36.6	76.6





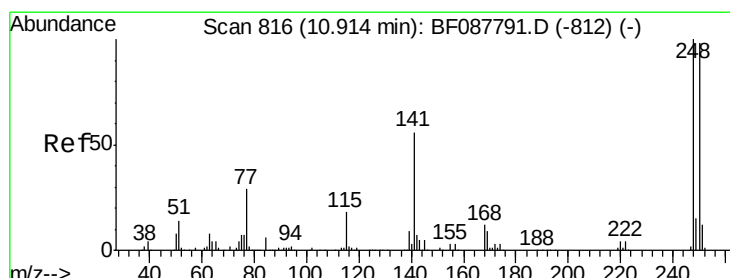
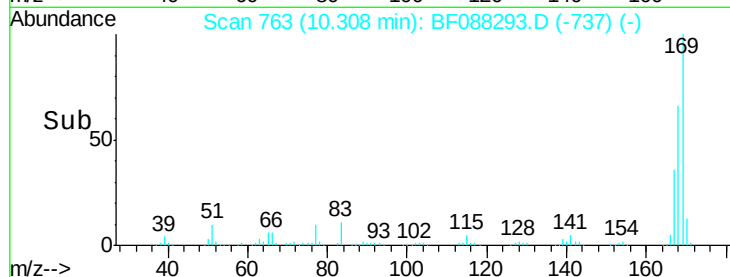
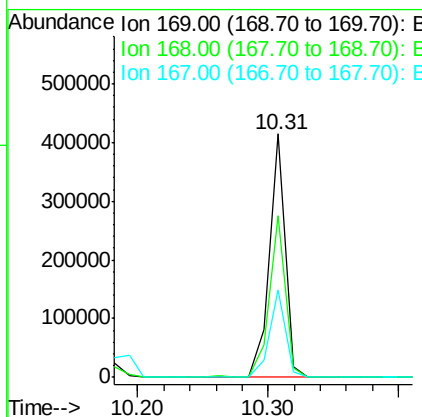
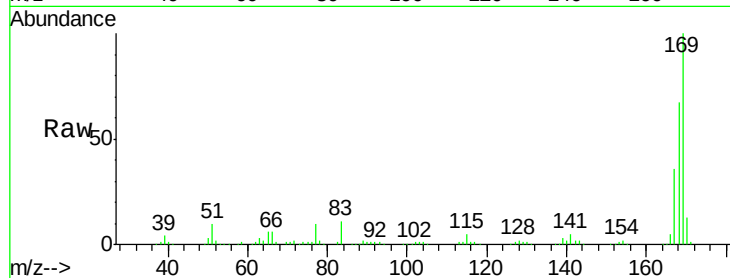
#65
 n-Nitrosodiphenylamine
 Concen: 46.12 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		353560		
168	66.6	53.4	80.0		
167	36.2	29.4	44.0		

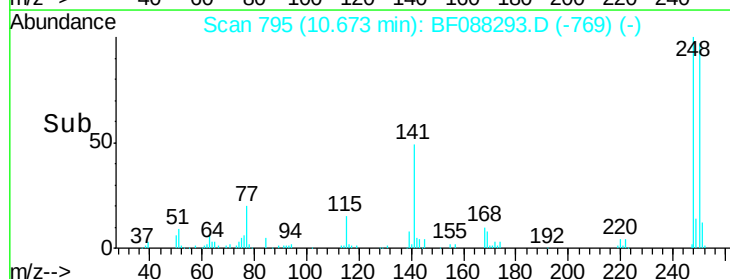
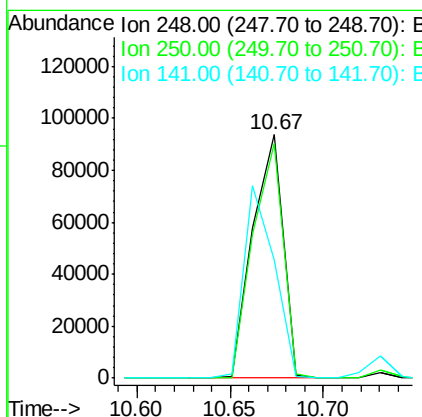
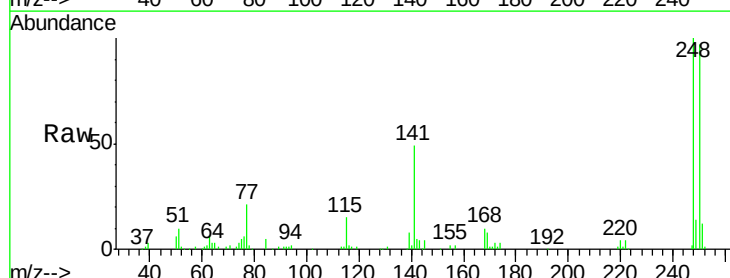
Manual Integrations
 APPROVED

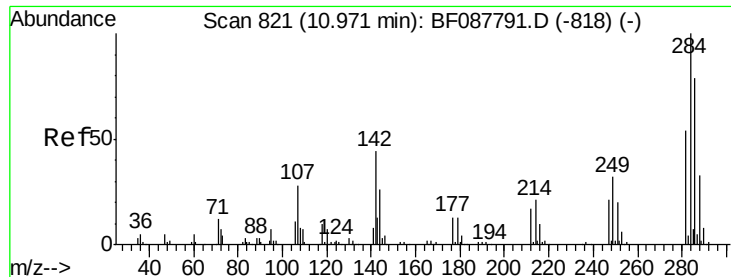
umangi
 6/23/2016 7:03:58 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.50 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		105328		
250	96.6	77.1	115.7		
141	48.6	50.6	76.0		





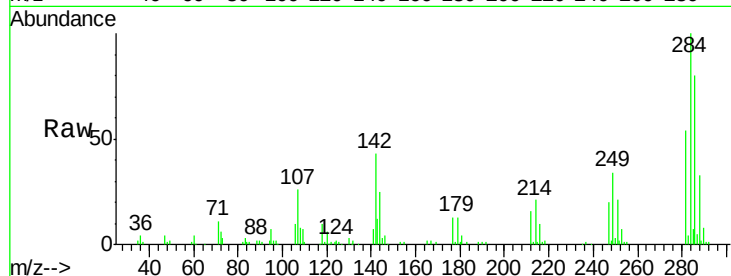
#67
Hexachlorobenzene
Concen: 39.29 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

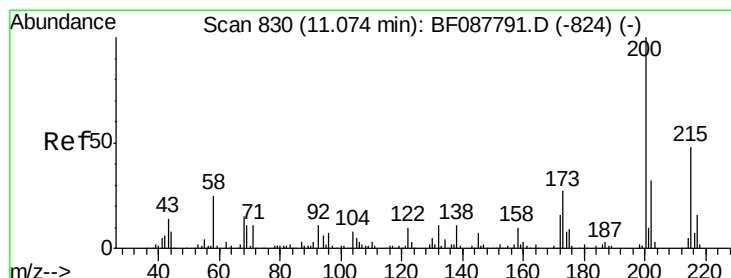
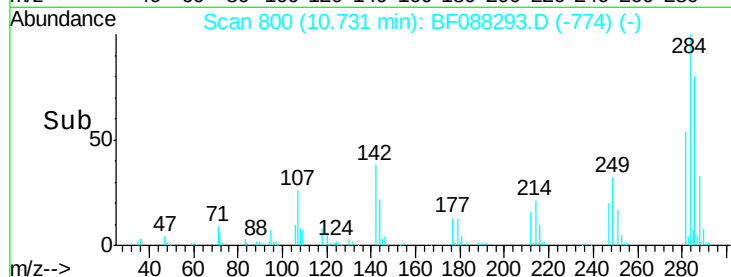
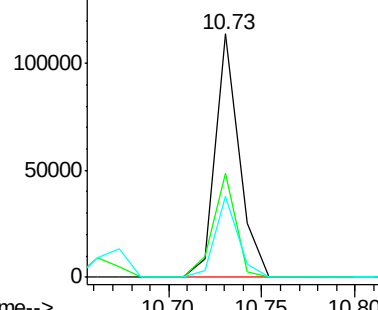
Tot Ion	Ratio	Resp	Lower	Upper
284	100	101180		
142	43.0	35.8	53.8	
249	33.5	25.8	38.6	

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM

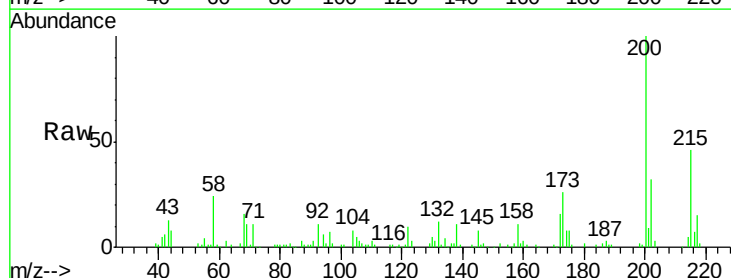


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

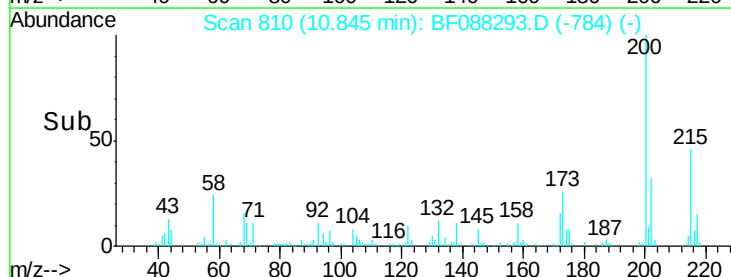
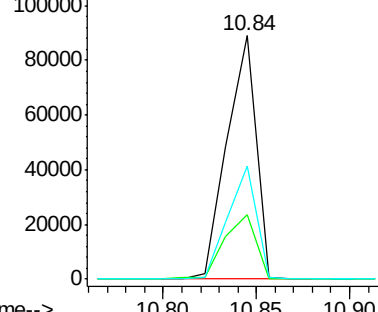


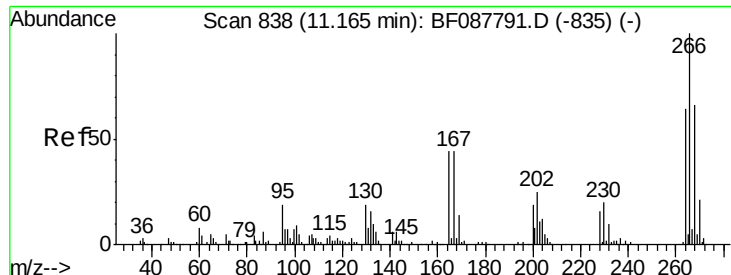
#68
Atrazine
Concen: 41.45 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	96215		
173	26.3	4.0	44.0	
215	46.2	29.3	69.3	



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





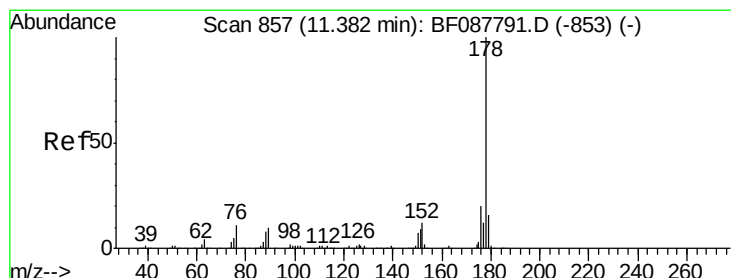
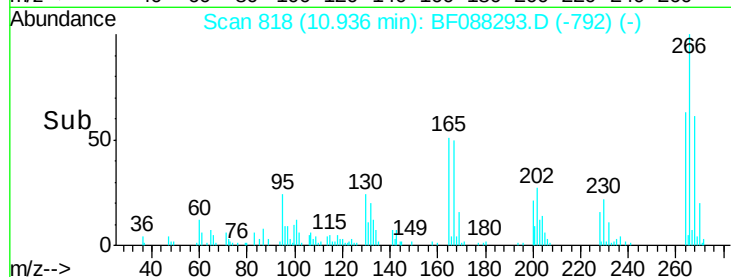
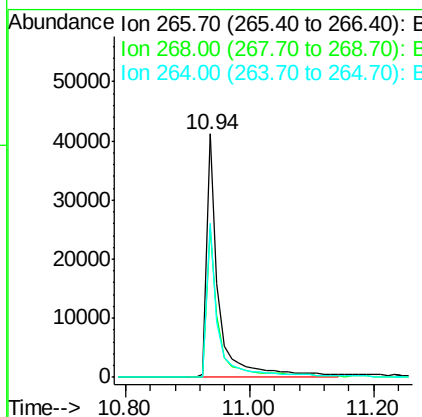
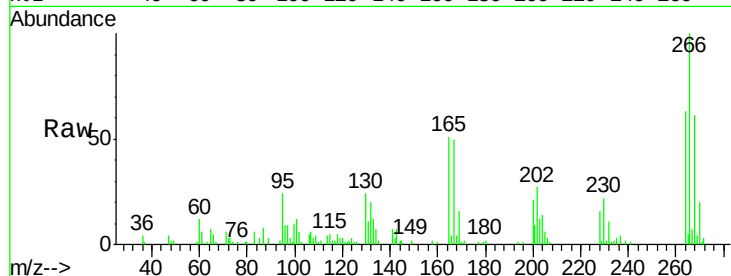
#69
 Pentachlorophenol
 Concen: 41.26 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	52.8	79.2
264	63.1	49.6	74.4

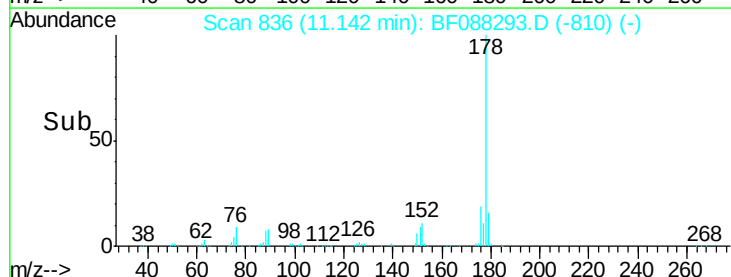
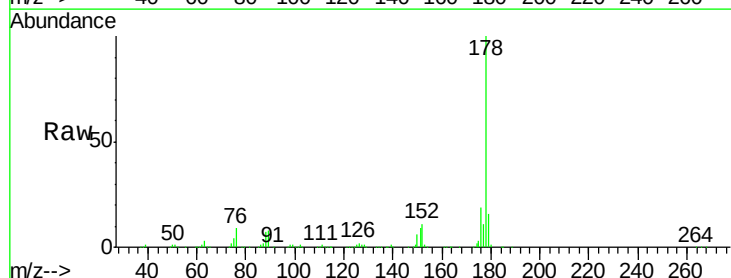
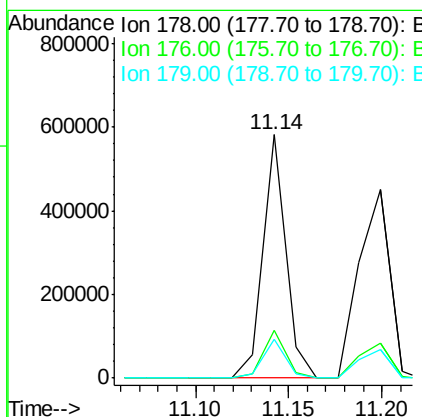
Manual Integrations
 APPROVED

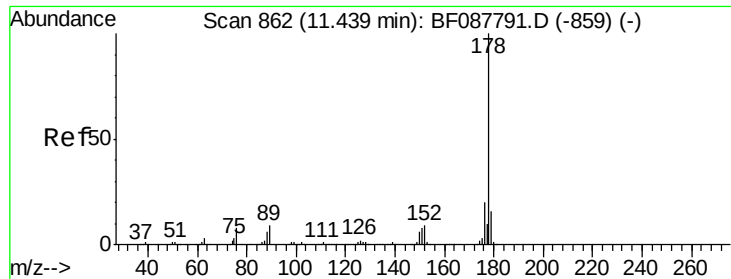
umangi
 6/23/2016 7:03:58 PM



#70
 Phenanthrene
 Concen: 40.42 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

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





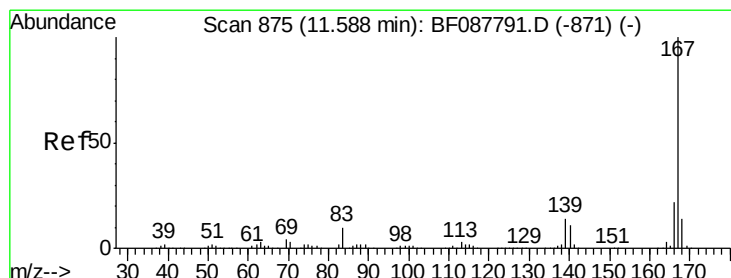
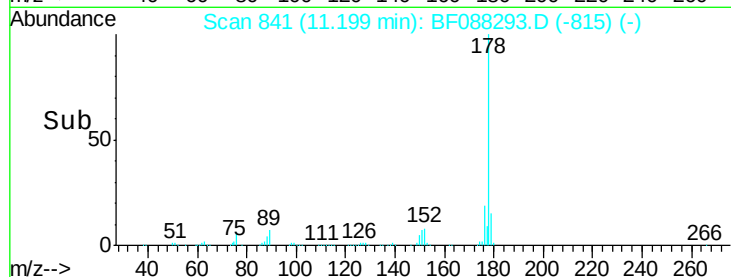
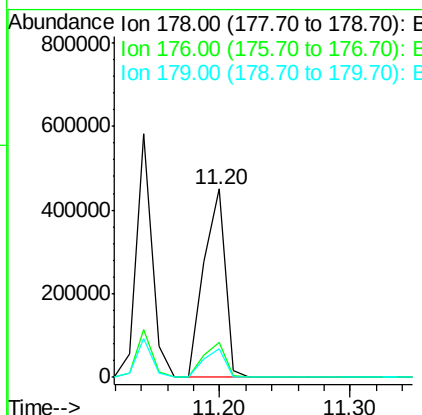
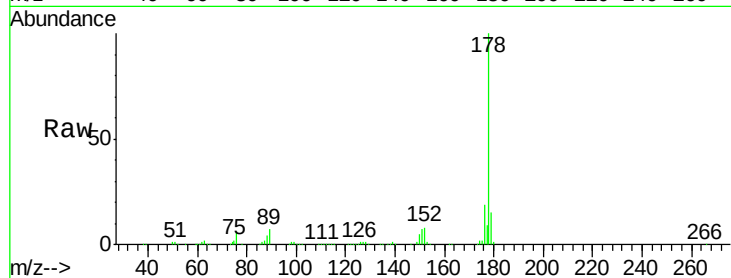
#71
 Anthracene
 Concen: 41.80 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.2	12.8	19.2

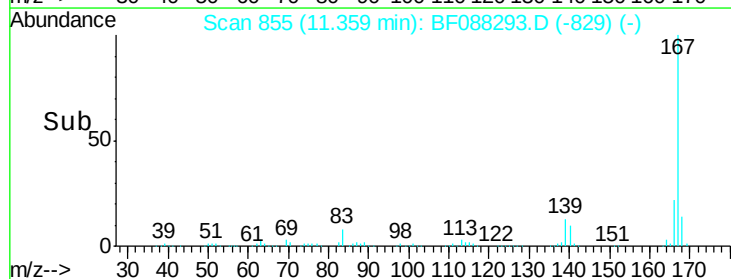
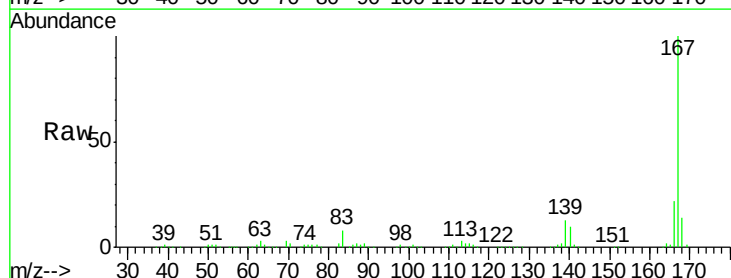
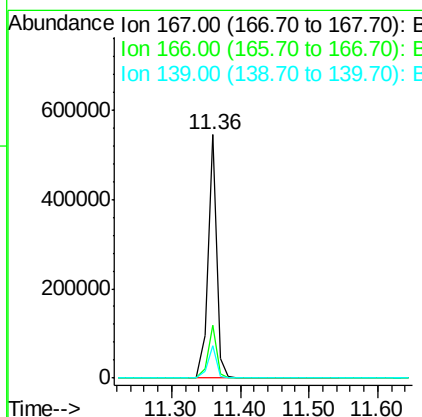
Manual Integrations
 APPROVED

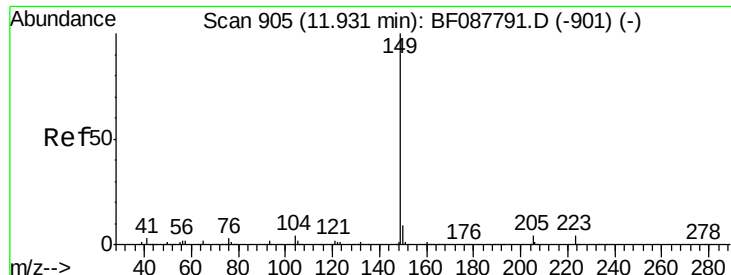
umangi
 6/23/2016 7:03:58 PM



#72
 Carbazole
 Concen: 41.57 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 42.15 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

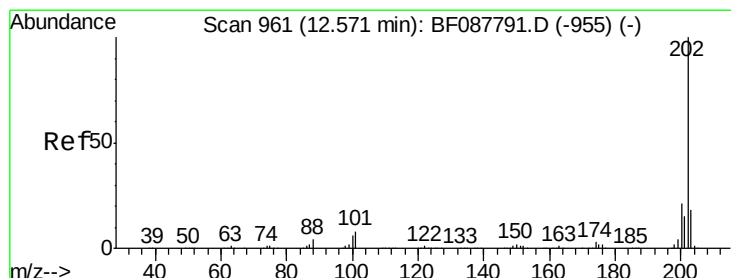
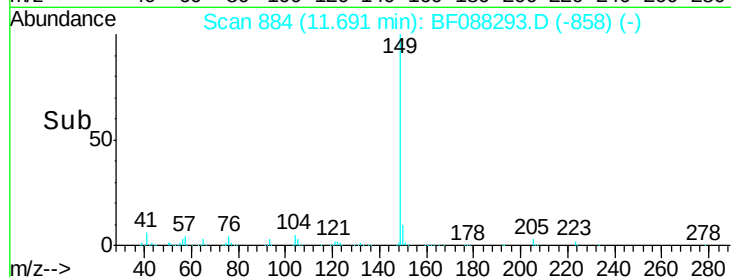
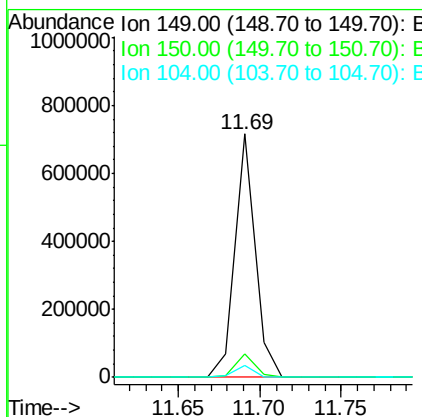
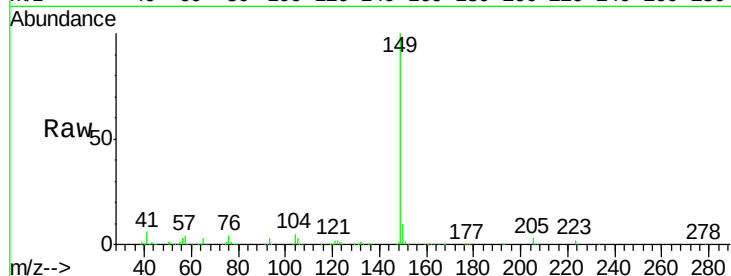
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	610577
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.7	4.0	6.0

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#74

Fluoranthene

Concen: 38.13 ng

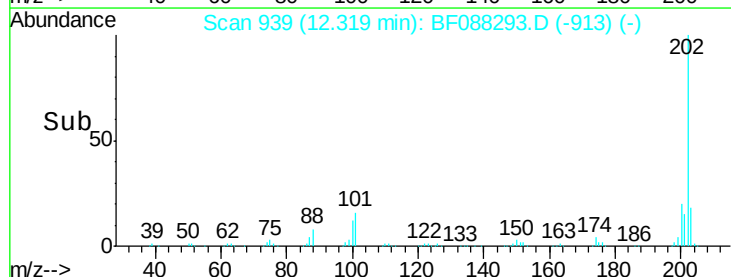
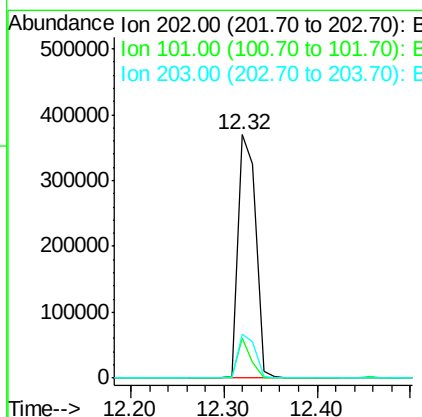
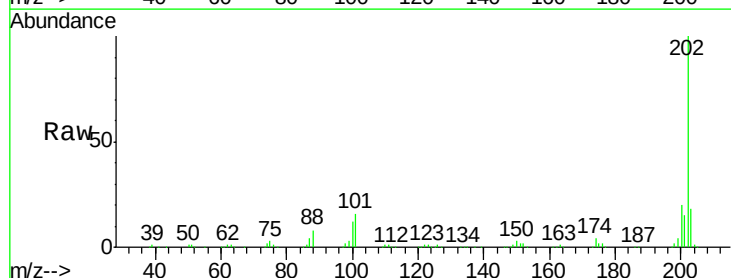
RT: 12.32 min Scan# 939

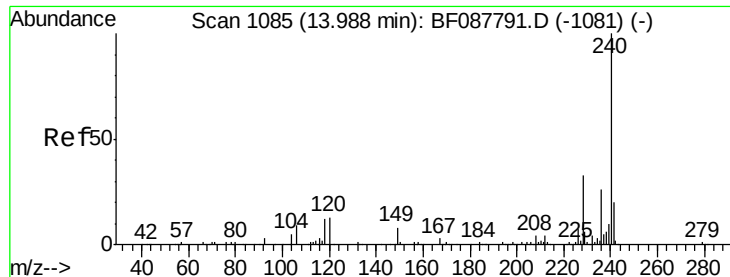
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	202	Resp:	487882
Ion Ratio	Lower	Upper	
202	100		
101	16.2	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

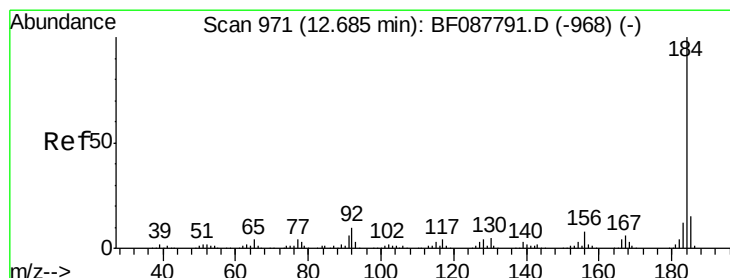
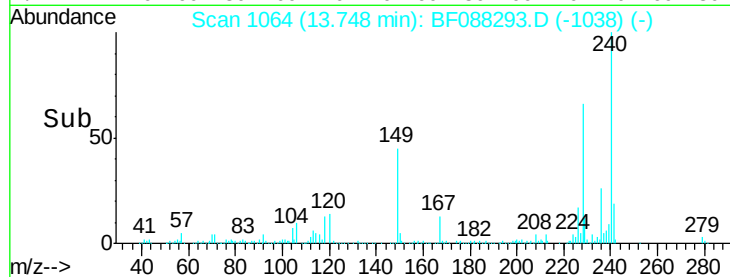
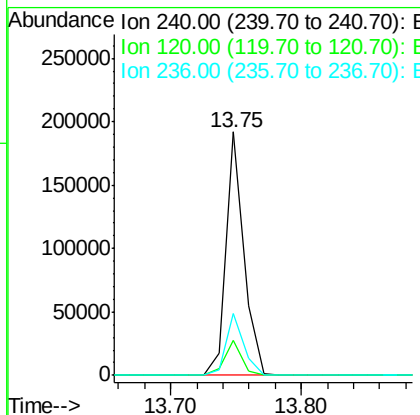
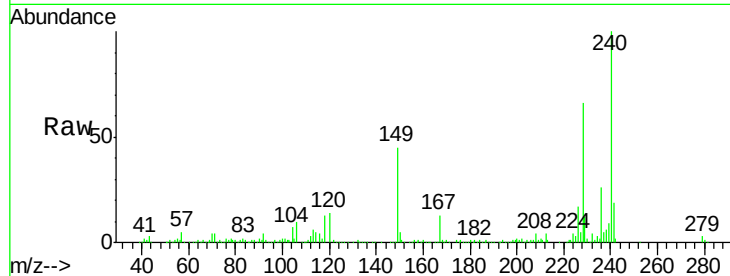
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	182976
Ion Ratio	Lower	Upper	
240	100		
120	14.2	6.8	10.2#
236	25.6	20.2	30.2

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#76

Benzidine

Concen: 43.59 ng

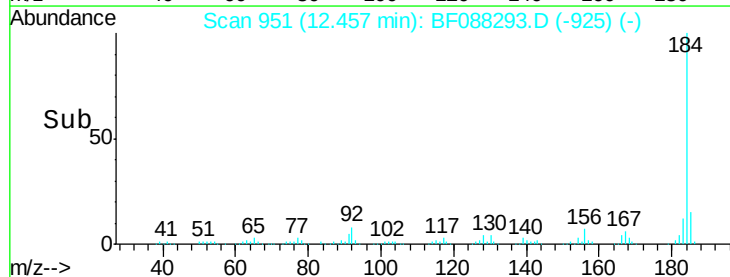
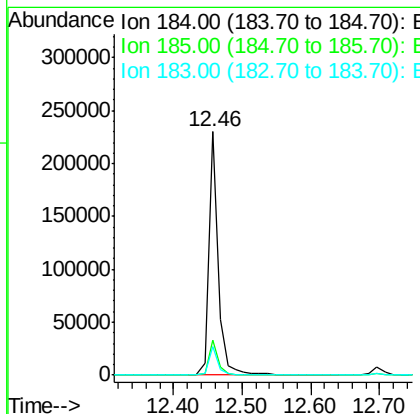
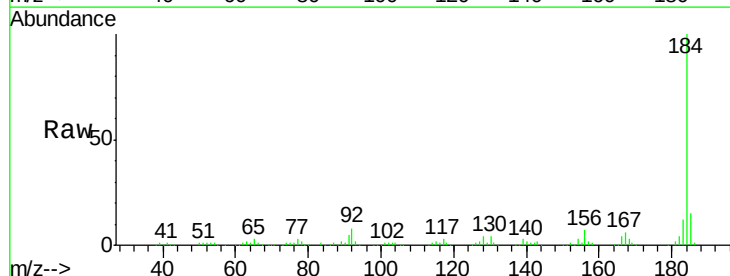
RT: 12.46 min Scan# 951

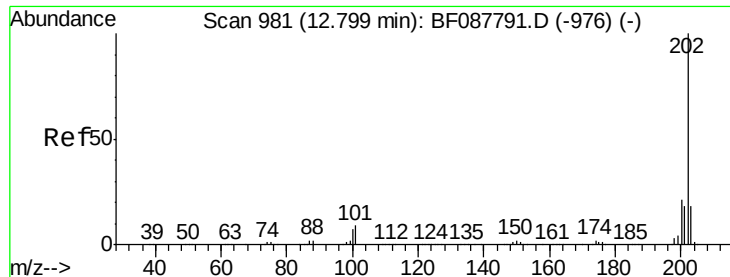
Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	184	Resp:	220861
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.5	18.7
183	11.5	9.3	13.9





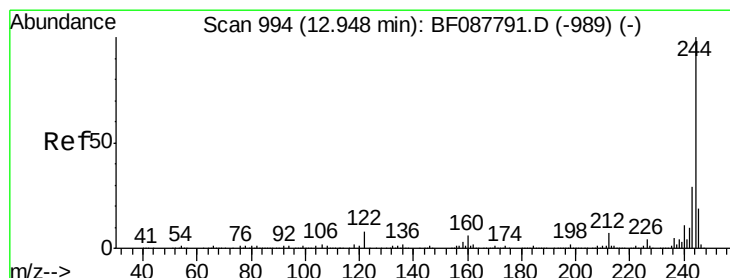
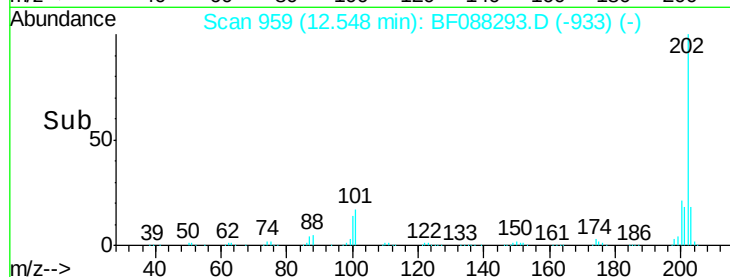
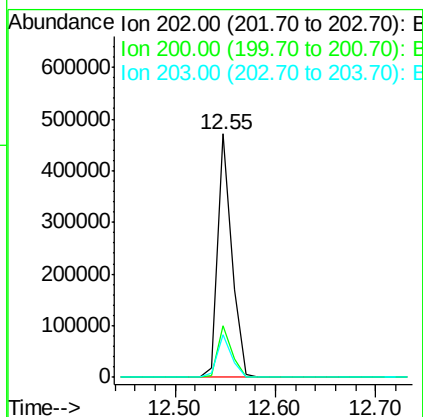
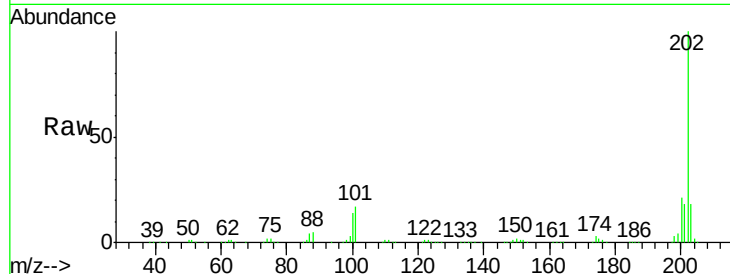
#77
Pvrene
Concen: 33.75 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.5	21.7

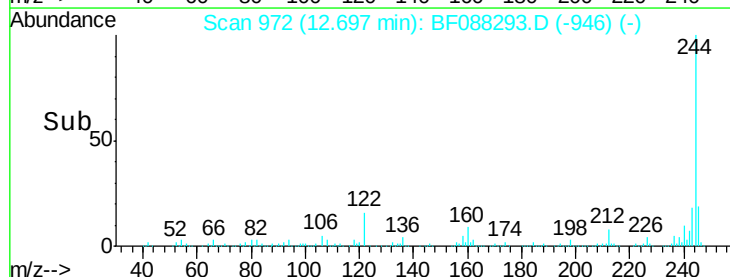
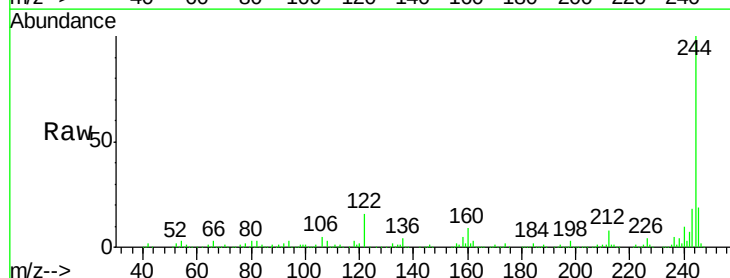
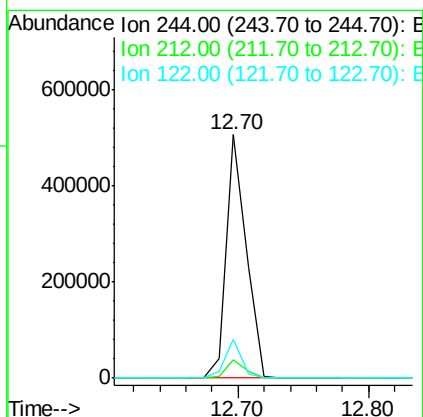
Manual Integrations
APPROVED

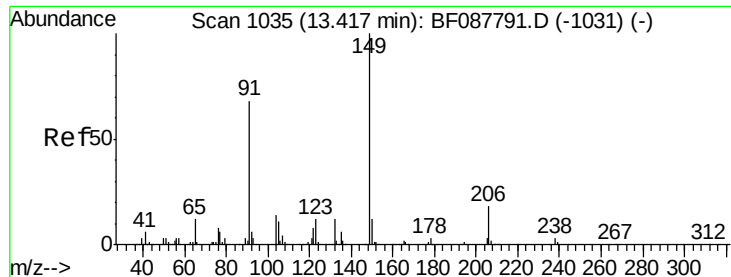
umangi
6/23/2016 7:03:58 PM



#78
Terphenyl-d14
Concen: 66.79 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	15.8	11.2	16.8





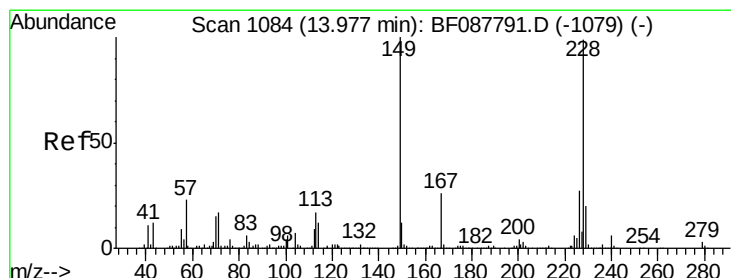
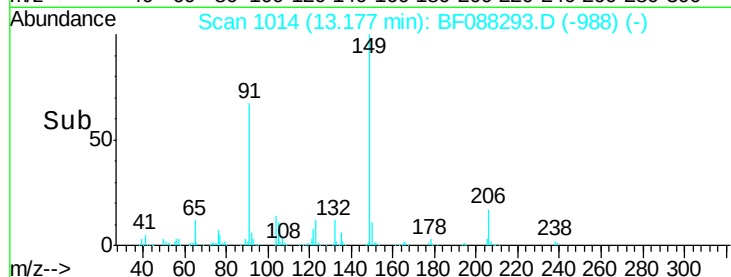
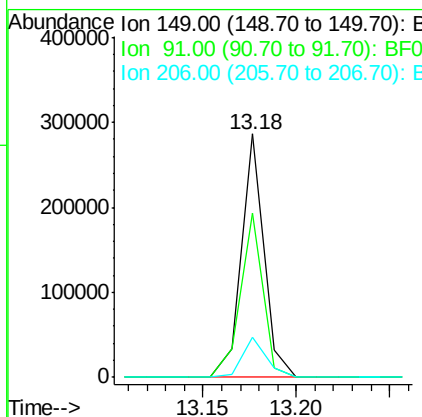
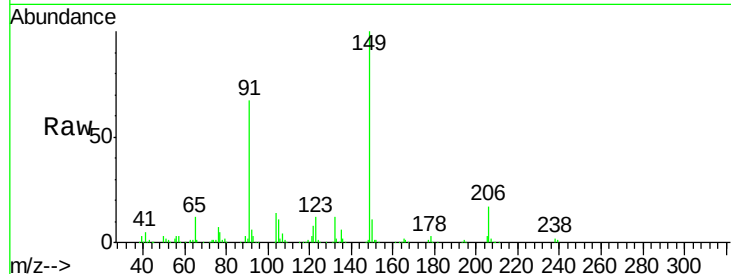
#79
Butylbenzylphthalate
Concen: 40.30 ng
RT: 13.18 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	48.0	72.0
206	16.6	16.0	24.0

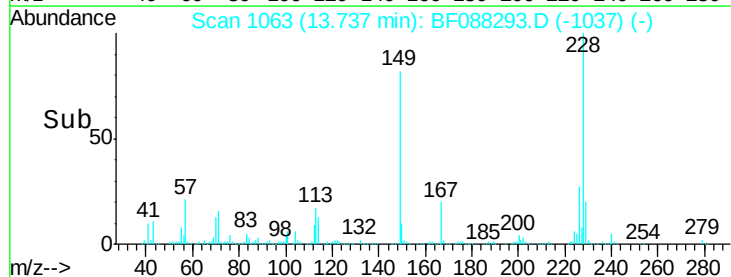
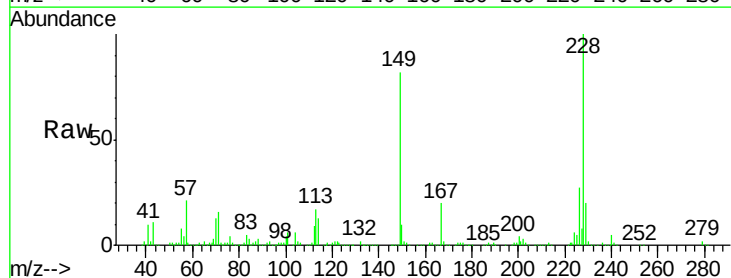
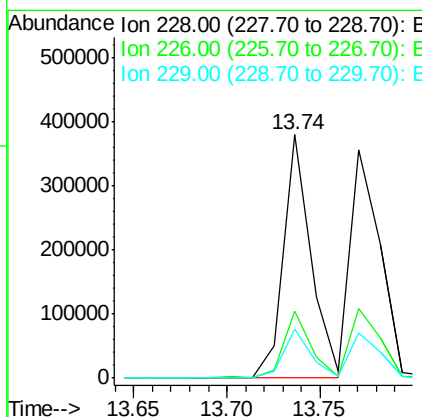
Manual Integrations
APPROVED

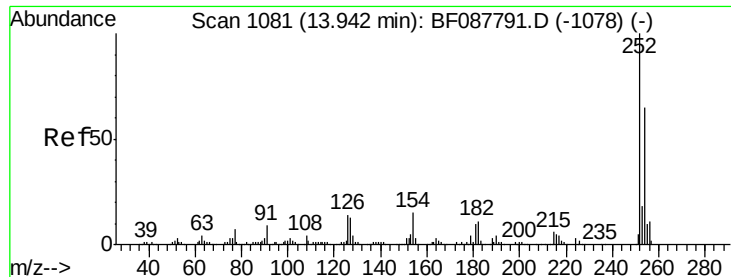
umangi
6/23/2016 7:03:58 PM



#80
Benzo(a)anthracene
Concen: 37.50 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.9	16.0	24.0





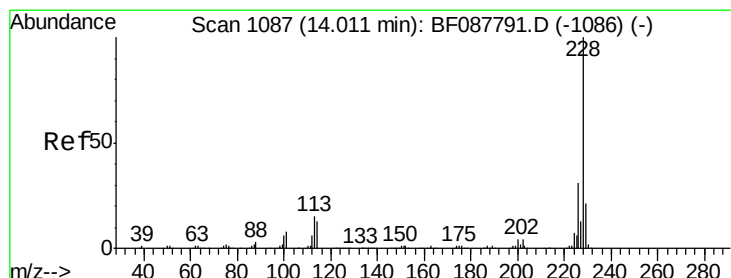
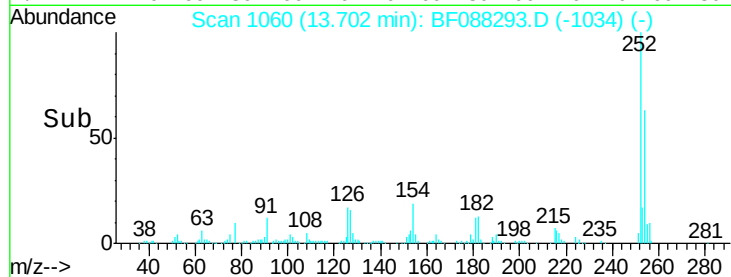
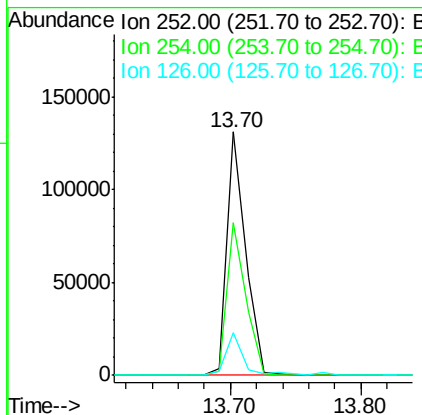
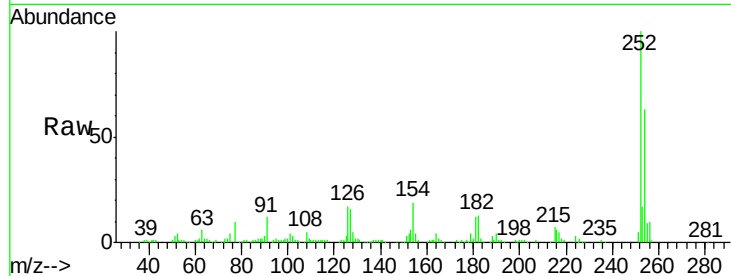
#81
 3,3'-Dichlorobenzidine
 Concen: 46.58 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	52.6	78.8
126	17.3	6.2	9.2

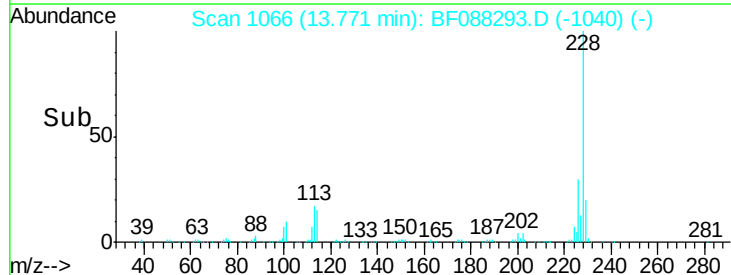
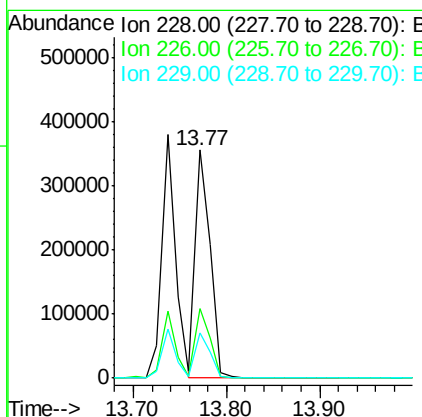
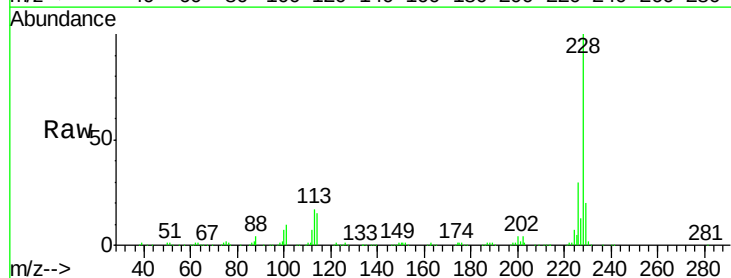
Manual Integrations
 APPROVED

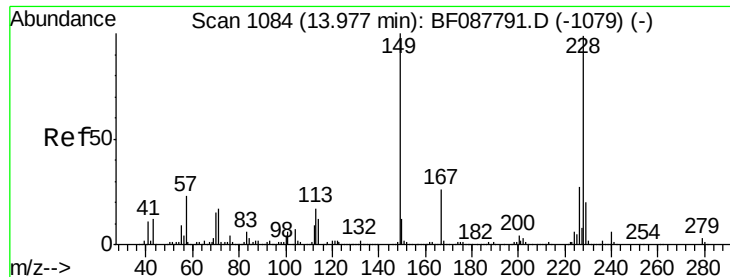
umangi
 6/23/2016 7:03:58 PM



#82
 Chrysene
 Concen: 40.71 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.13 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

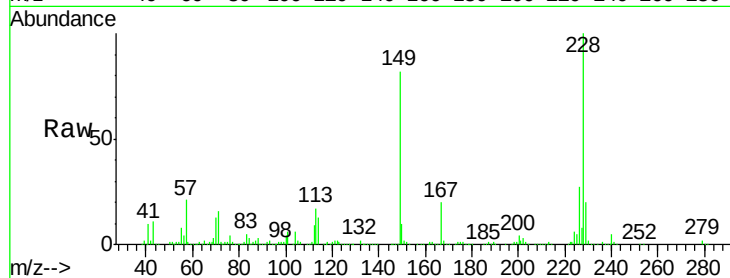
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	293243		
167	24.6	20.5	30.7	
279	2.0	2.0	3.0#	

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM

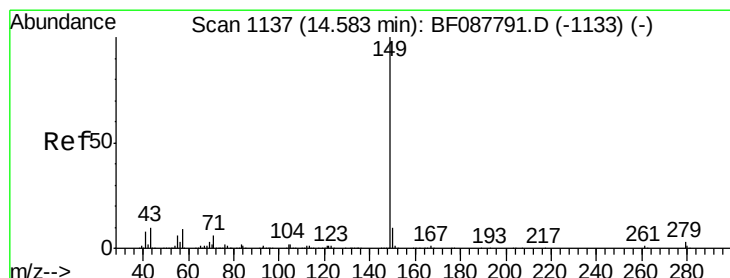
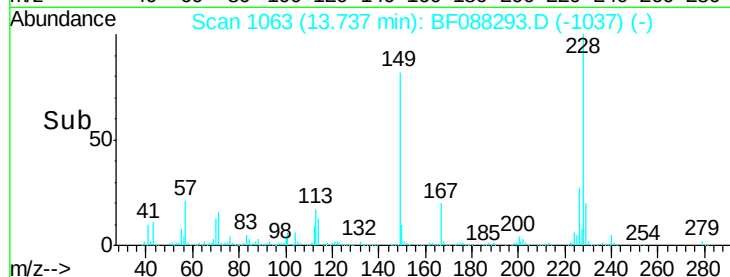
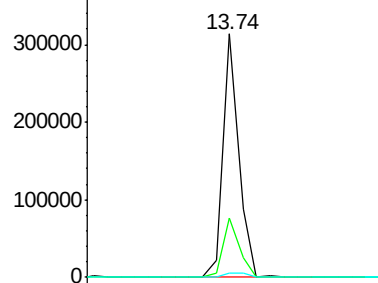


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.11 ng

RT: 14.34 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

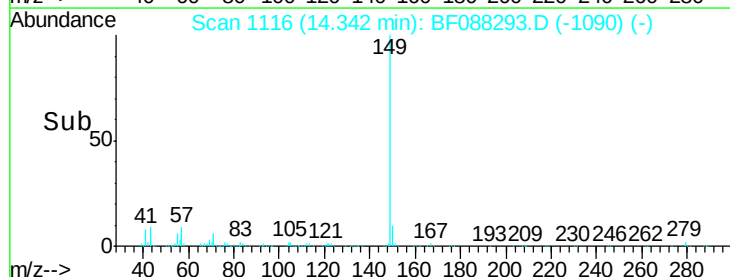
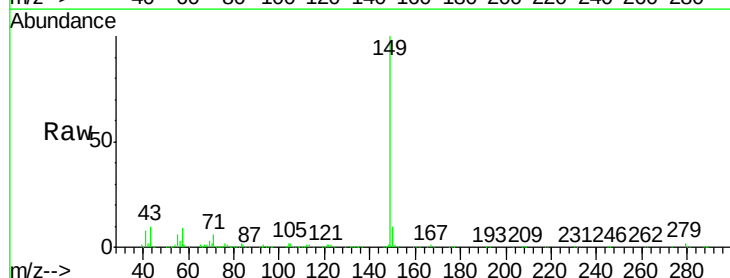
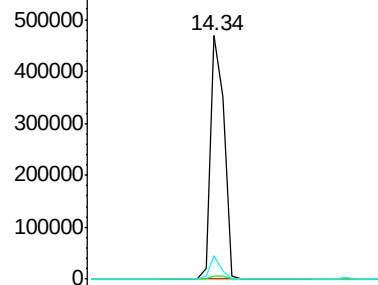
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	583150		
167	1.4	0.0	0.0#	
43	7.6	0.0	0.0#	

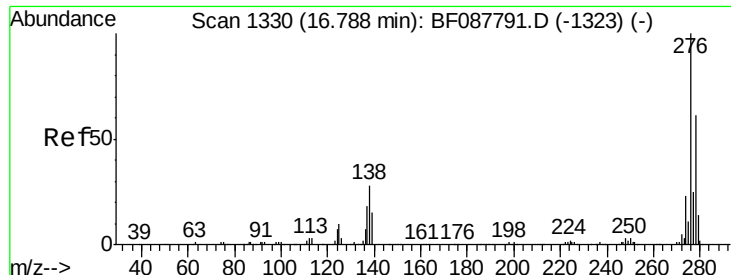
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





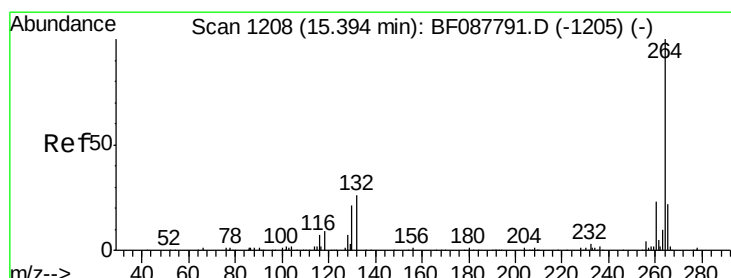
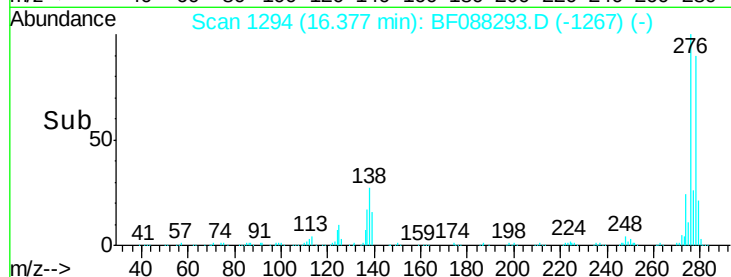
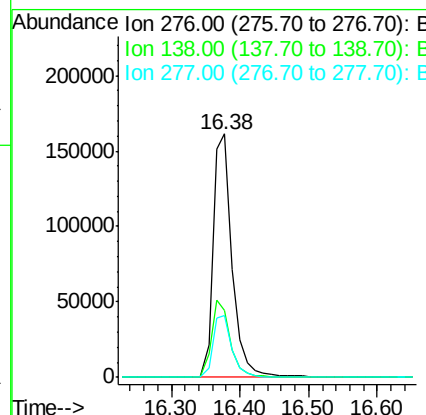
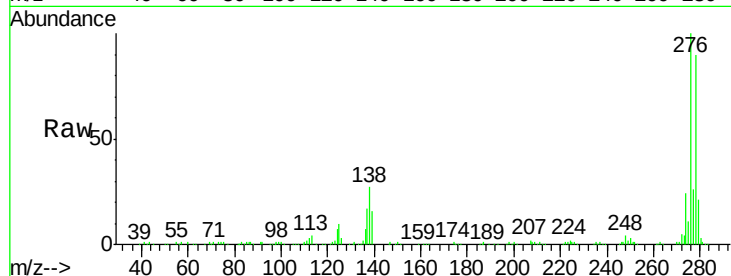
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.36 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	0.0	0.0#
277	25.4	0.0	0.0#

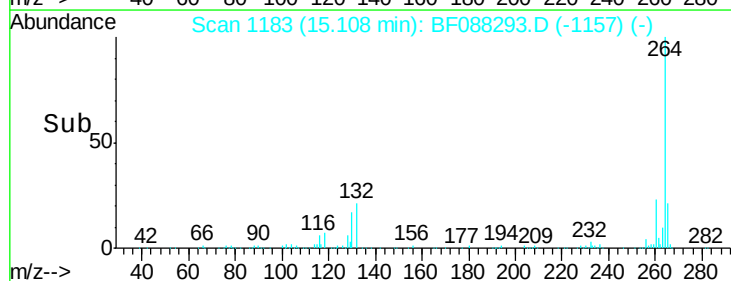
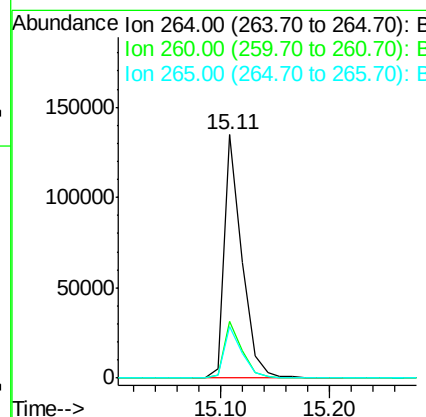
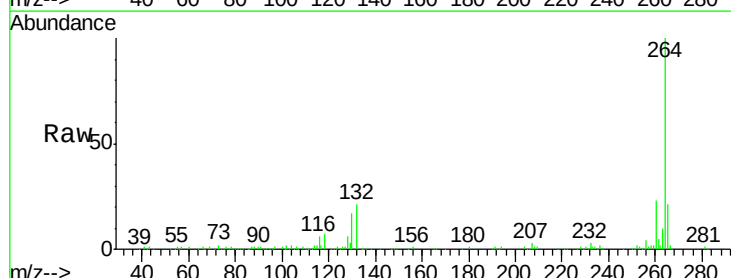
Manual Integrations
APPROVED

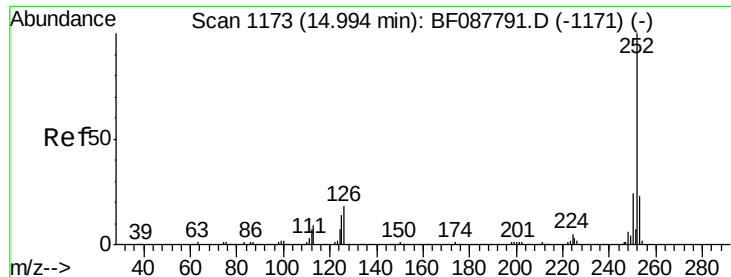
umangi
6/23/2016 7:03:58 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3





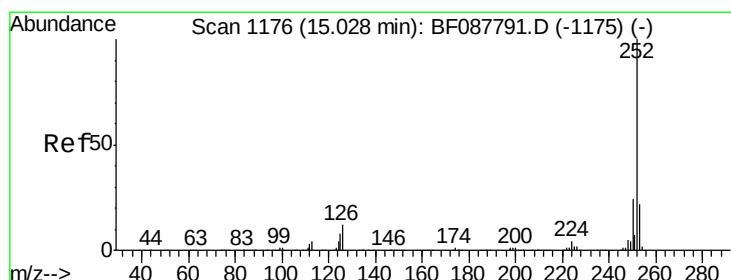
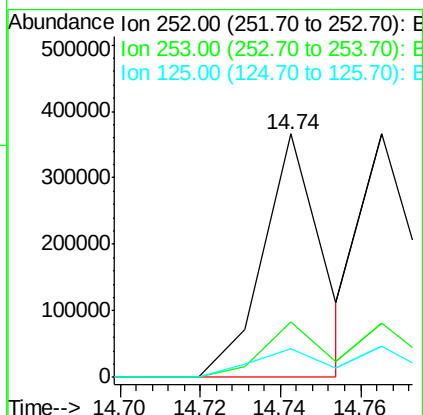
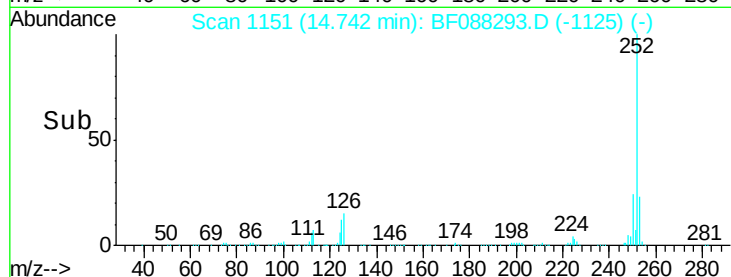
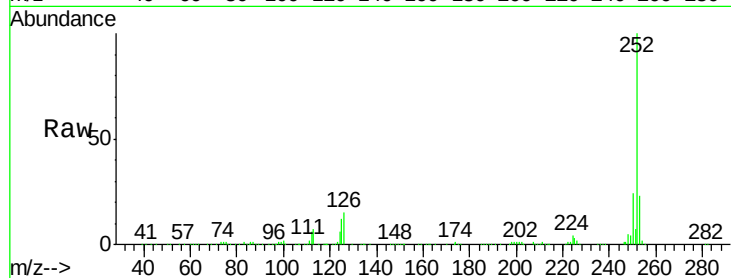
#87
Benzo(b)fluoranthene
Concen: 35.47 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.8	7.1	10.7

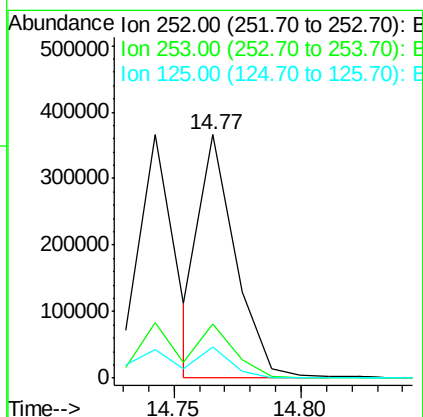
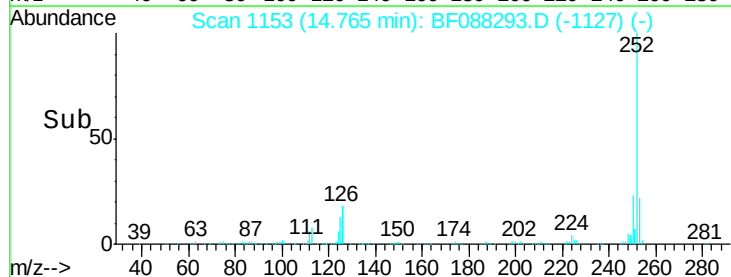
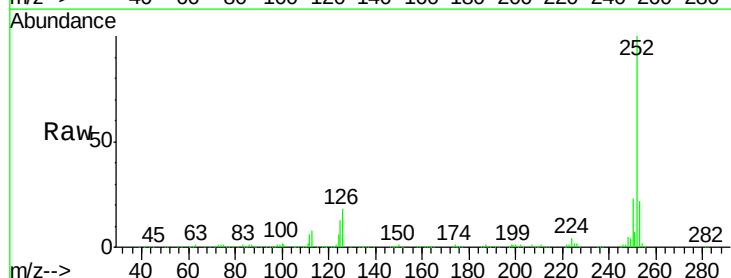
Manual Integrations
APPROVED

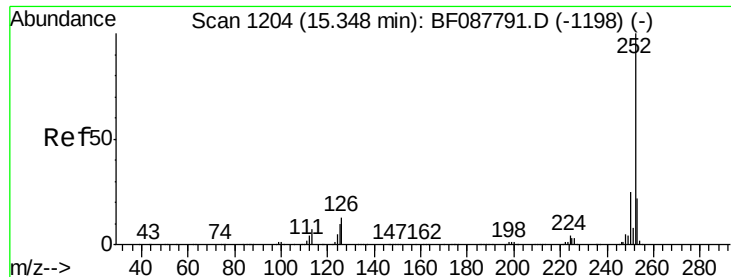
umangi
6/23/2016 7:03:58 PM



#88
Benzo(k)fluoranthene
Concen: 44.19 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF088293.D
Acq: 23 Jun 2016 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	13.1	11.2	16.8





#89

Benzo(a)pyrene

Concen: 40.30 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Instrument :

BNA_F

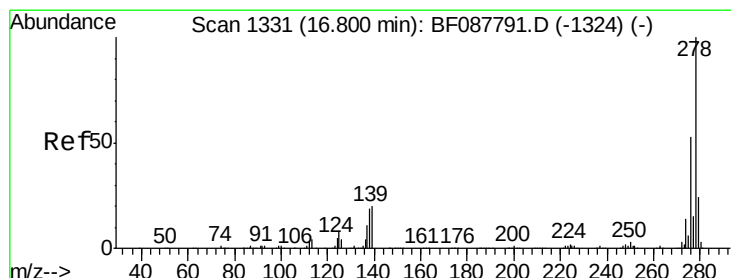
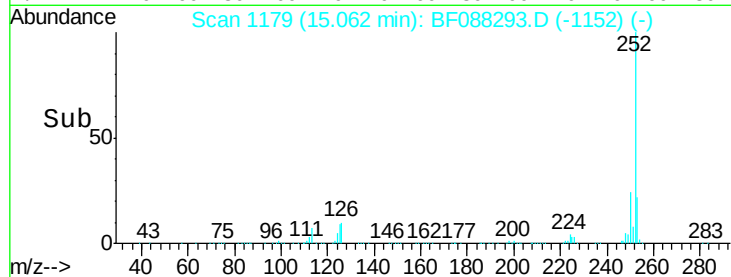
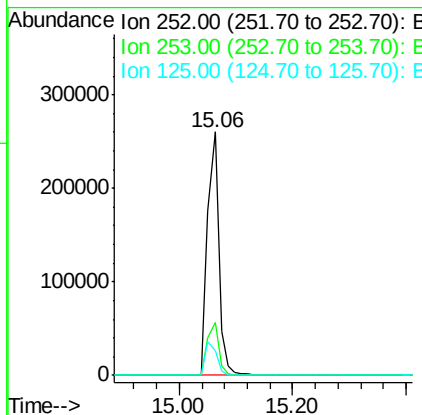
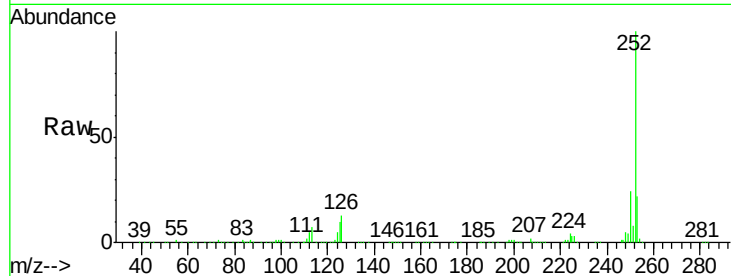
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	346777
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	10.1	12.5	18.7#

Manual Integrations
APPROVED

umangi
6/23/2016 7:03:58 PM



#90

Dibenzo(a,h)anthracene

Concen: 33.62 ng

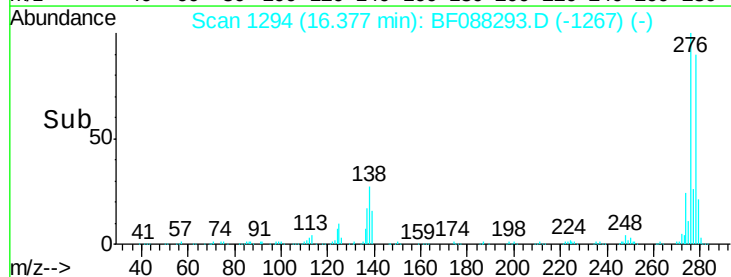
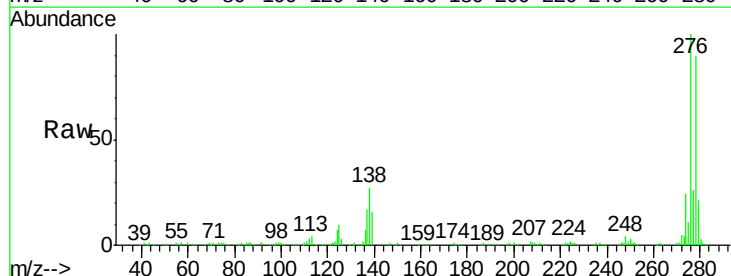
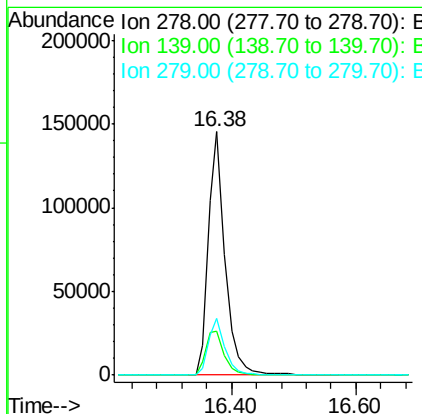
RT: 16.38 min Scan# 1294

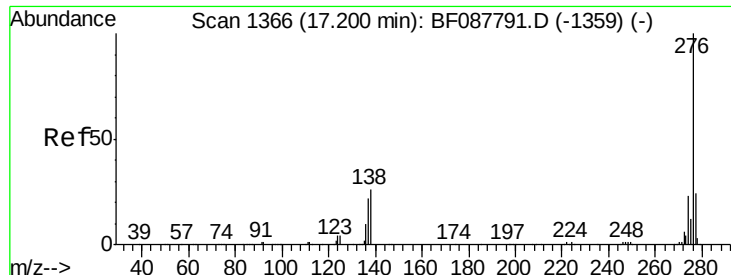
Delta R.T. 0.01 min

Lab File: BF088293.D

Acq: 23 Jun 2016 13:51

Tgt Ion:	278	Resp:	268667
Ion Ratio	Lower	Upper	
278	100		
139	18.2	15.7	23.5
279	23.2	19.4	29.2





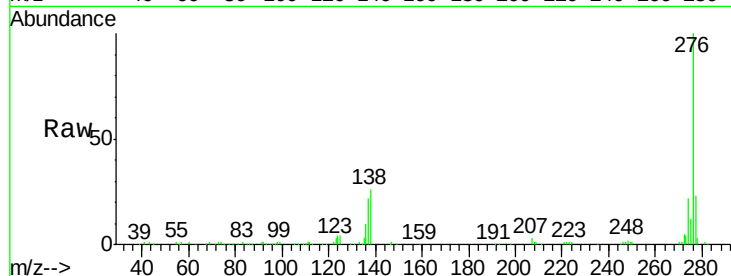
#91
 Benzo(a,h,i)perylene
 Concen: 32.06 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF088293.D
 Acq: 23 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	263549
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	26.5	21.4	32.2

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:03:58 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

