

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088096.D
 Acq On : 17 Jun 2016 16:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:50:44 PM

Quant Time: Jun 17 17:28:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	134231	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	551751	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	249687	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	464170	20.00	ng	0.01
75) Chrysene-d12	13.85	240	316447	20.00	ng	0.00
86) Perylene-d12	15.23	264	265837	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	553547	70.50	ng	0.00
7) Phenol-d6	6.35	99	697482	73.30	ng	0.00
23) Nitrobenzene-d5	7.28	82	735924	77.89	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	163119	61.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1242882	77.72	ng	0.00
78) Terphenyl-d14	12.80	244	902826	64.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	159017	41.68	ng	# 43
3) Pyridine	2.86	79	347975	38.63	ng	93
4) n-Nitrosodimethylamine	2.82	42	143205	37.54	ng	# 76
6) Aniline	6.36	93	462524	34.15	ng	# 27
8) 2-Chlorophenol	6.49	128	371744	40.00	ng	83
9) Benzaldehyde	6.24	77	170449	24.33	ng	92
10) Phenol	6.36	94	397597	40.20	ng	# 59
11) bis(2-Chloroethyl)ether	6.44	93	348774	41.80	ng	89
12) 1,3-Dichlorobenzene	6.64	146	383979	38.51	ng	96
13) 1,4-Dichlorobenzene	6.72	146	393621	39.19	ng	99
14) 1,2-Dichlorobenzene	6.87	146	320067m	35.04	ng	
15) Benzyl Alcohol	6.86	79	232603	31.24	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	422952	37.52	ng	87
17) 2-Methylphenol	6.97	107	286625	38.03	ng	99
18) Hexachloroethane	7.21	117	143937	40.38	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	215814	35.45	ng	88
20) 3+4-Methylphenols	7.13	107	295233	33.57	ng	96
22) Acetophenone	7.12	105	463277	37.57	ng	# 96
24) Nitrobenzene	7.29	77	315381	34.46	ng	88
25) Isophorone	7.54	82	679610	38.83	ng	96
26) 2-Nitrophenol	7.61	139	217995	44.46	ng	# 81
27) 2,4-Dimethylphenol	7.66	122	319362	35.38	ng	94
28) bis(2-Chloroethoxy)methane	7.75	93	400764	36.92	ng	# 97
29) 2,4-Dichlorophenol	7.85	162	288939	38.34	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	297472	36.25	ng	100
31) Naphthalene	8.01	128	987470	36.17	ng	100
32) Benzoic acid	7.82	122	189530	38.13	ng	95
33) 4-Chloroaniline	8.07	127	462947	37.97	ng	95
34) Hexachlorobutadiene	8.12	225	151187	34.93	ng	98
35) Caprolactam	8.47	113	104533	41.87	ng	# 80
36) 4-Chloro-3-methylphenol	8.56	107	287160	35.63	ng	99
37) 2-Methylnaphthalene	8.70	142	633621	35.21	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	268790	39.78	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	104582	25.97	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088096.D
 Acq On : 17 Jun 2016 16:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:50:44 PM

Quant Time: Jun 17 17:28:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	185371	37.12	nq	96
43) 2,4,5-Trichlorophenol	9.03	196	197541	38.03	nq #	93
45) 1,1'-Biphenyl	9.16	154	710291	36.76	nq	99
46) 2-Chloronaphthalene	9.19	162	574864	35.58	nq	100
47) 2-Nitroaniline	9.29	65	175217	36.76	nq #	86
48) Acenaphthylene	9.60	152	828073	32.22	nq	100
49) Dimethylphthalate	9.48	163	745742	41.23	nq	98
50) 2,6-Dinitrotoluene	9.54	165	186717	45.08	nq	94
51) Acenaphthene	9.77	154	498987	31.12	nq	99
52) 3-Nitroaniline	9.70	138	174569	36.52	nq	97
53) 2,4-Dinitrophenol	9.82	184	74090	38.52	nq #	77
54) Dibenzofuran	9.94	168	696765	31.56	nq #	88
55) 4-Nitrophenol	9.87	139	107770	29.05	nq	92
56) 2,4-Dinitrotoluene	9.94	165	195092	36.65	nq #	64
57) Fluorene	10.28	166	524163	33.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	162153	39.72	nq #	54
59) Diethylphthalate	10.17	149	659171	36.00	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	260606	35.49	nq #	86
61) 4-Nitroaniline	10.32	138	167658	36.98	nq	98
62) Azobenzene	10.44	77	708381	39.13	nq	85
64) 4,6-Dinitro-2-methylphenol	10.35	198	120019	41.71	nq #	58
65) n-Nitrosodiphenylamine	10.40	169	570460	37.04	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	171056	34.35	nq #	83
67) Hexachlorobenzene	10.83	284	198977	38.46	nq #	85
68) Atrazine	10.94	200	169961	36.44	nq	93
69) Pentachlorophenol	11.03	266	95197	34.90	nq	98
70) Phenanthrene	11.24	178	933752	38.34	nq	99
71) Anthracene	11.29	178	857275	34.89	nq	100
72) Carbazole	11.45	167	800920	34.84	nq	100
73) Di-n-butylphthalate	11.78	149	1032630	35.48	nq	100
74) Fluoranthene	12.42	202	807414	31.41	nq	98
76) Benzidine	12.55	184	143803	16.41	nq	99
77) Pyrene	12.65	202	855509	36.43	nq	99
79) Butylbenzylphthalate	13.28	149	478297	46.07	nq	98
80) Benzo(a)anthracene	13.84	228	612281	33.95	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	191099	39.41	nq #	98
82) Chrysene	13.87	228	626921	36.95	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	511668	40.49	nq #	99
84) Di-n-octyl phthalate	14.44	149	888742	43.28	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	616391	39.11	nq #	100
87) Benzo(b)fluoranthene	14.84	252	592309m	31.97	nq	
88) Benzo(k)fluoranthene	14.88	252	586556m	41.97	nq	
89) Benzo(a)pyrene	15.18	252	573614	38.26	nq #	96
90) Dibenzo(a,h)anthracene	16.55	278	505215	36.29	nq	98
91) Benzo(g,h,i)perylene	16.94	276	537060	37.50	nq	96

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

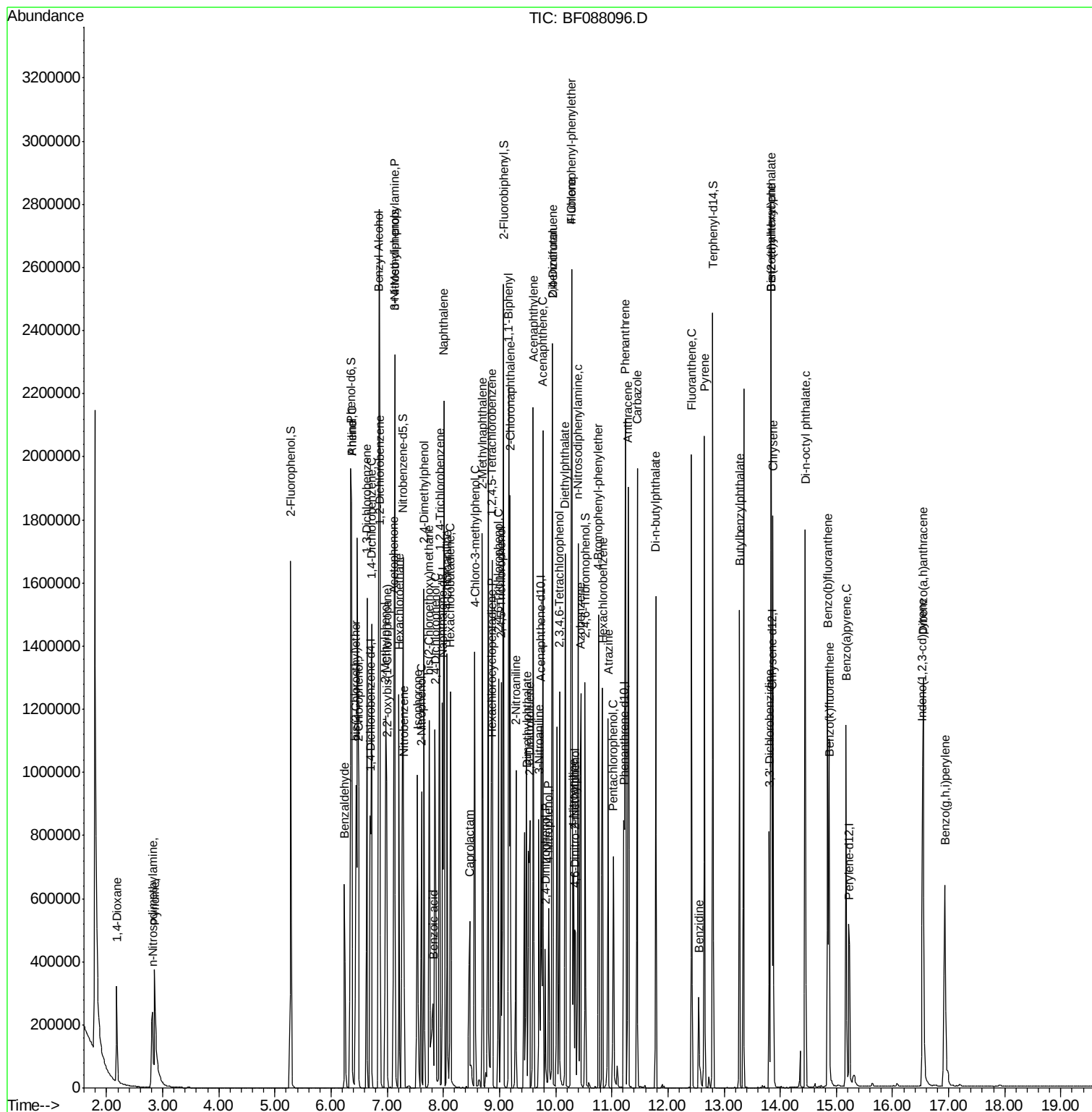
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088096.D
Acq On : 17 Jun 2016 16:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

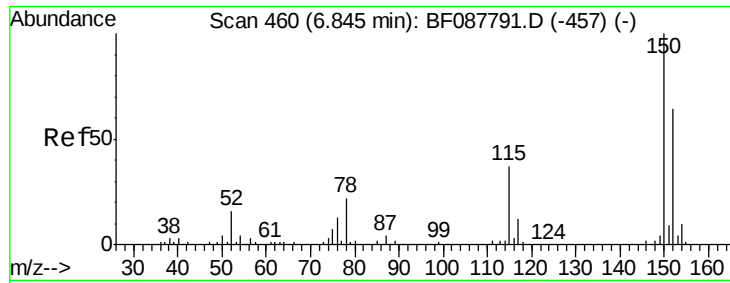
Instrument :
BNA_F
Client Sample ID :
SSTDCCC040

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM

Quant Time: Jun 17 17:28:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration





#1

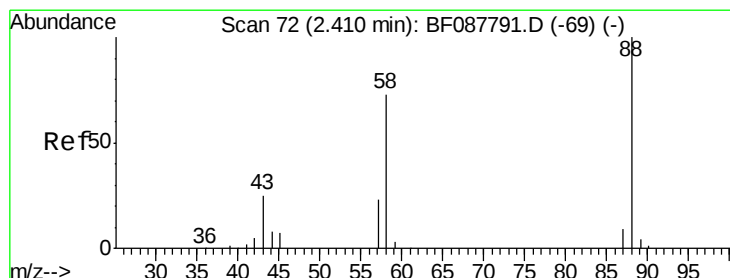
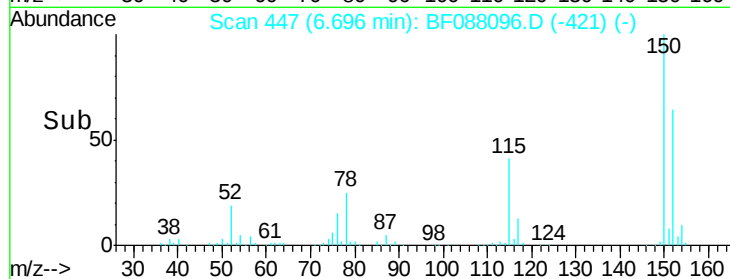
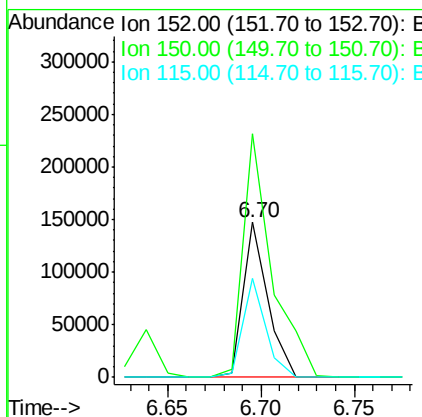
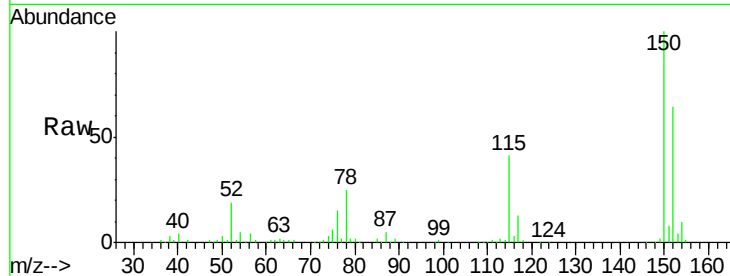
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	64.2	39.6	59.4

Manual Integrations
APPROVED

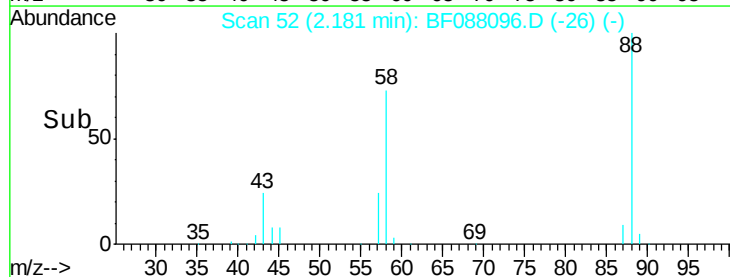
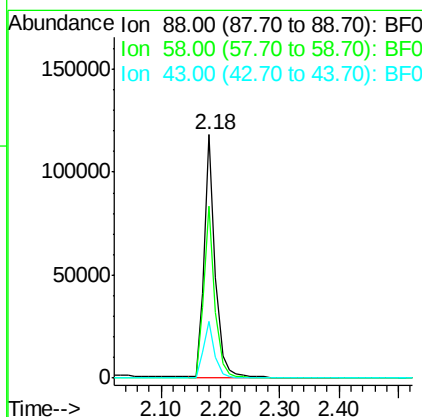
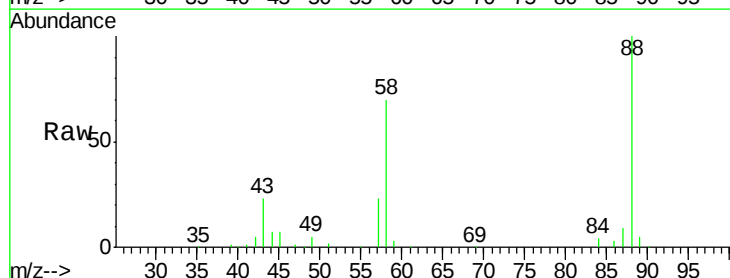
sohil
6/20/2016 6:50:44 PM

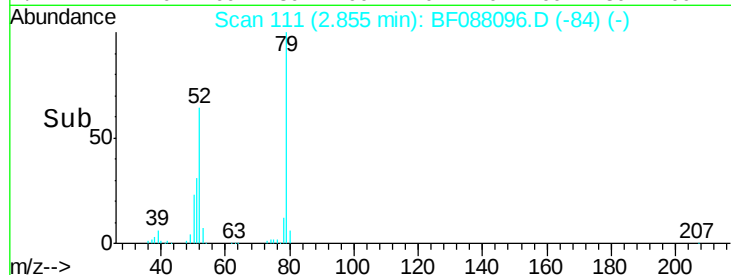
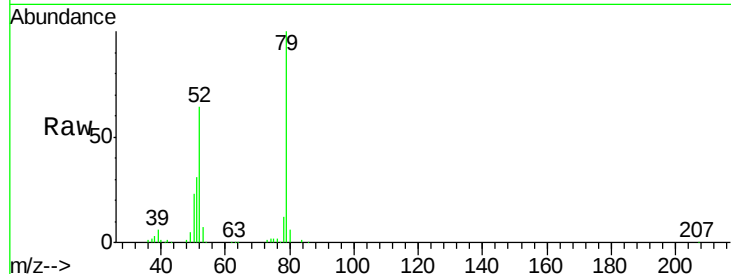
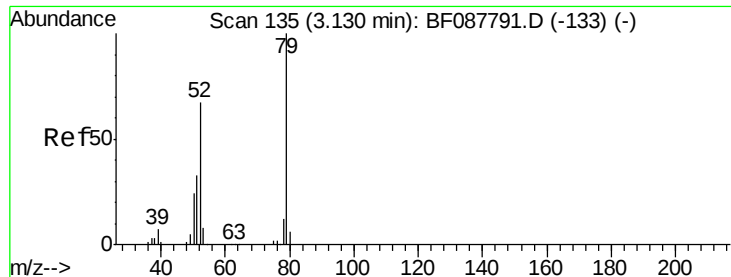


#2

1,4-Dioxane
Concen: 41.68 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	0.0	0.0
43	23.2	3.4	5.2





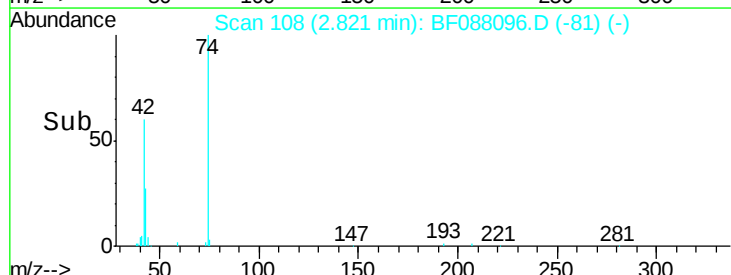
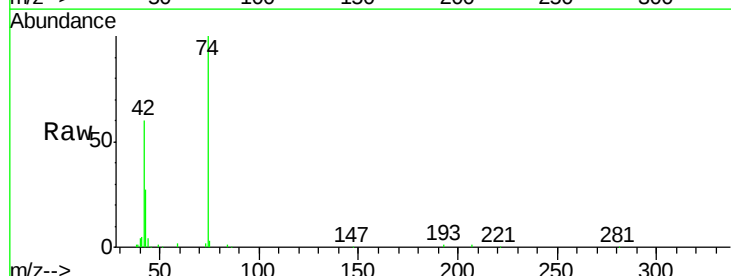
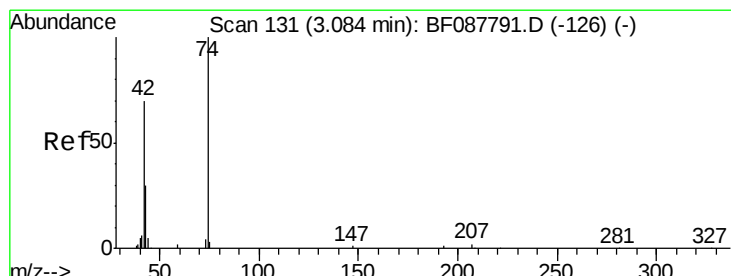
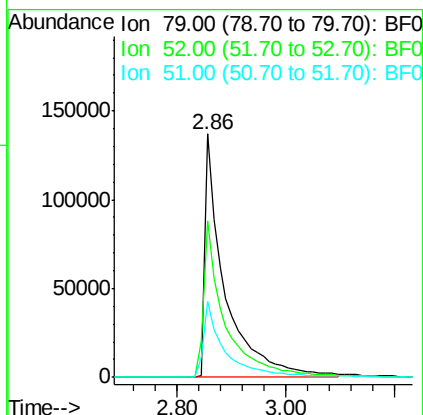
#3
 Pvridine
 Concen: 38.63 ng
 RT: 2.86 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	347975		
52	52	64.2		56.3	84.5
51	51	31.0		27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

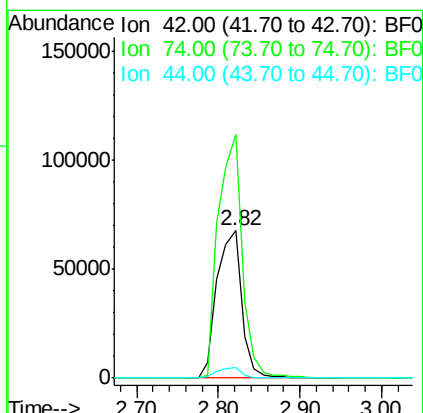
Manual Integrations
 APPROVED

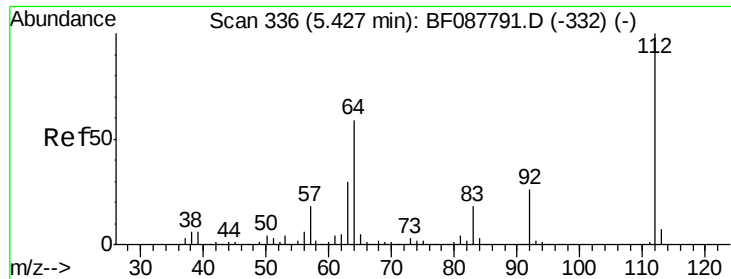
sohil
 6/20/2016 6:50:44 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.54 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	143205		
74	74	165.4		108.6	163.0#
44	44	7.4		5.5	8.3





#5

2-Fluorophenol

Concen: 70.50 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

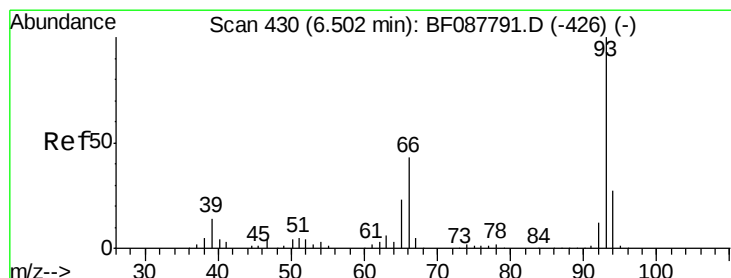
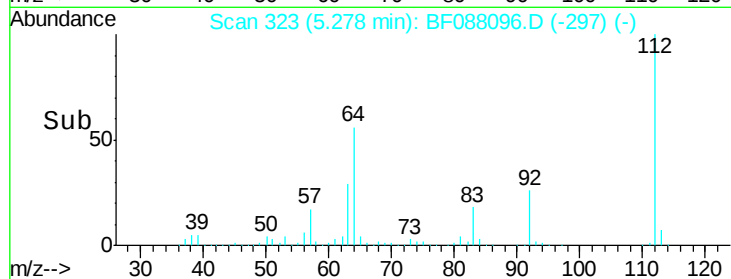
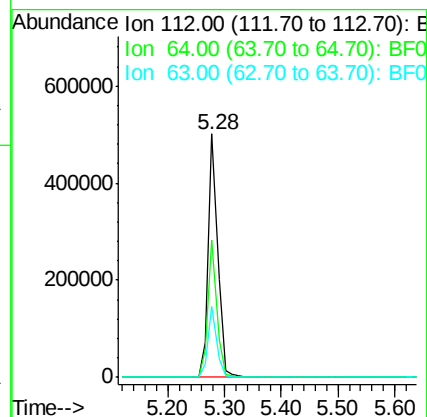
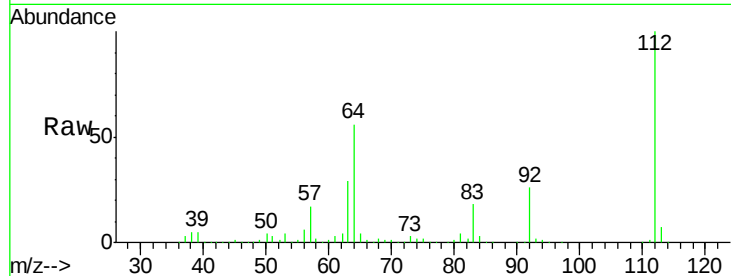
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	553547
Ion Ratio	Lower	Upper	
112	100		
64	56.5	42.2	63.2
63	29.0	21.8	32.8

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#6

Aniline

Concen: 34.15 ng

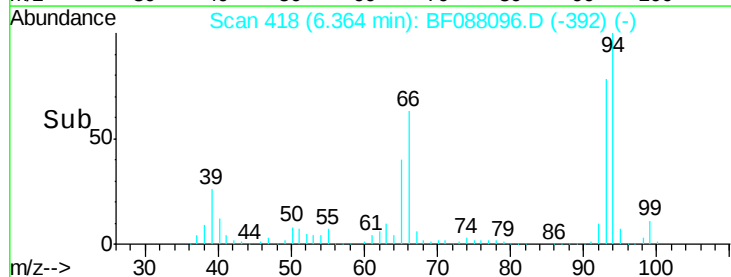
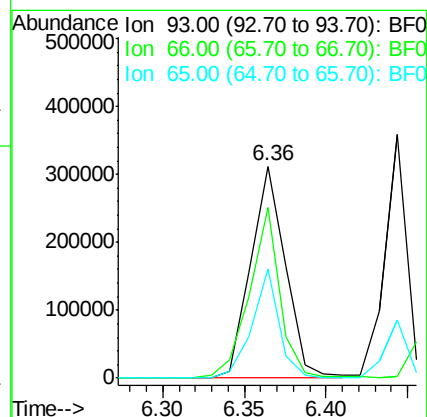
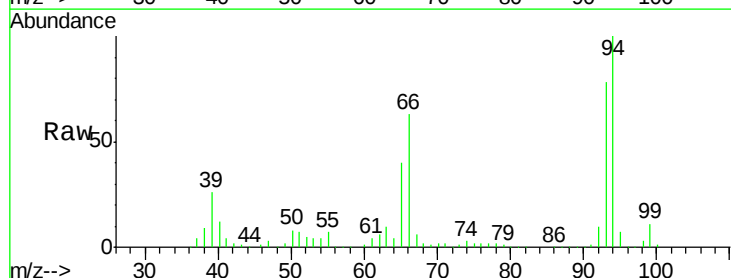
RT: 6.36 min Scan# 418

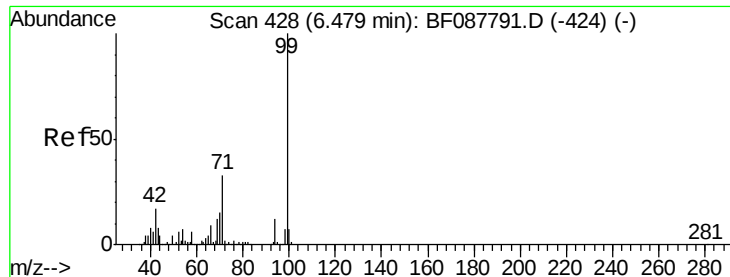
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	93	Resp:	462524
Ion Ratio	Lower	Upper	
93	100		
66	80.7	29.8	44.8#
65	51.3	14.9	22.3#





#7

Phenol-d6

Concen: 73.30 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

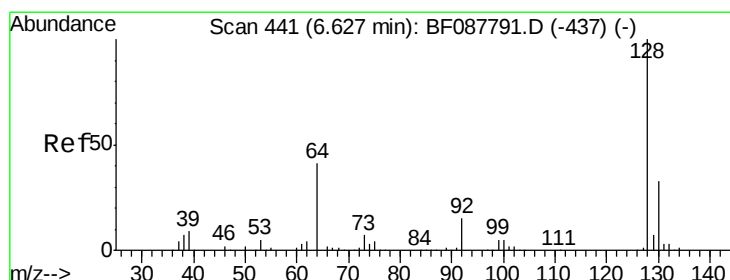
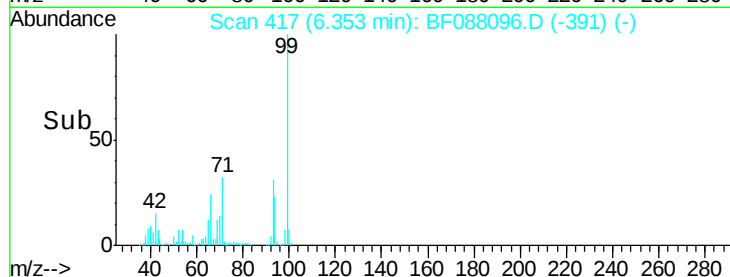
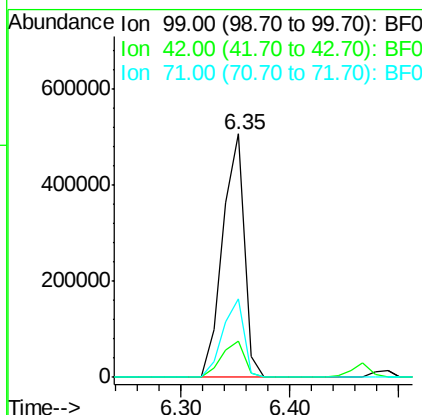
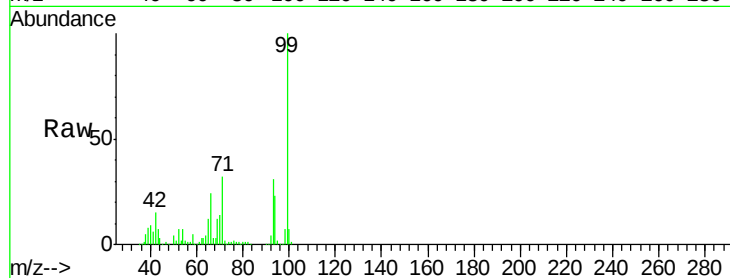
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	697482
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.2	18.2
71	32.5	23.4	35.0

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#8

2-Chlorophenol

Concen: 40.00 ng

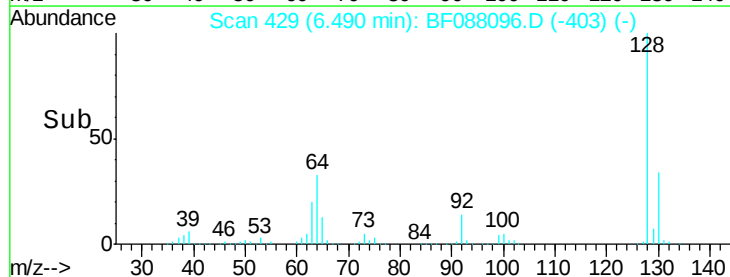
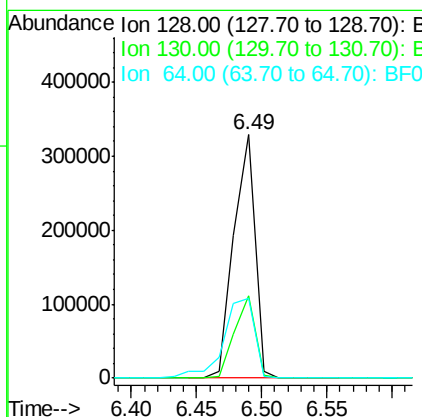
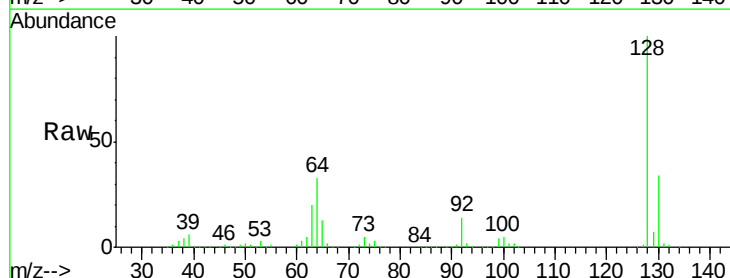
RT: 6.49 min Scan# 429

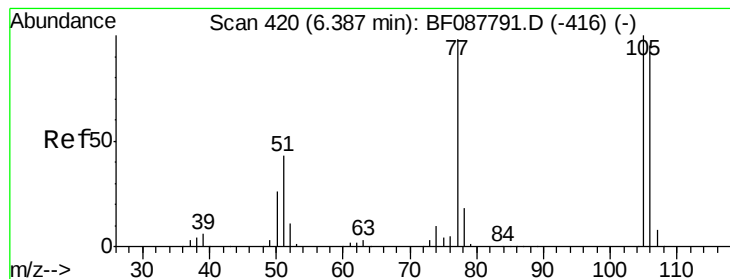
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	128	Resp:	371744
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.0	52.0
64	33.0	30.8	70.8





#9

Benzaldehyde

Concen: 24.33 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

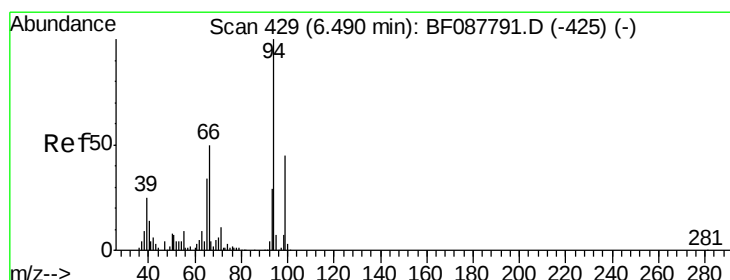
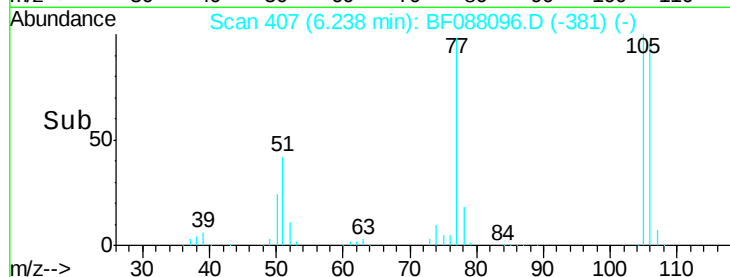
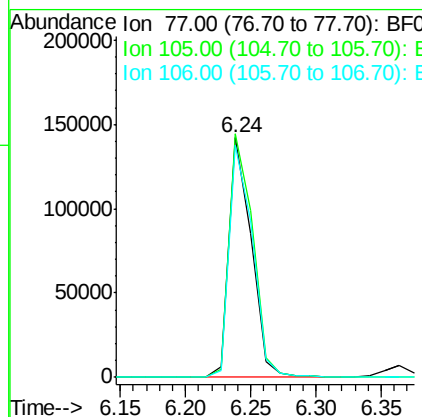
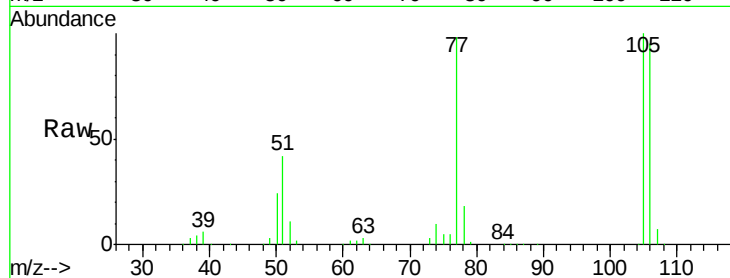
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	170449
Ion	Ratio	Lower	Upper
77	100		
105	101.6	90.6	130.6
106	96.8	85.3	125.3

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#10

Phenol

Concen: 40.20 ng

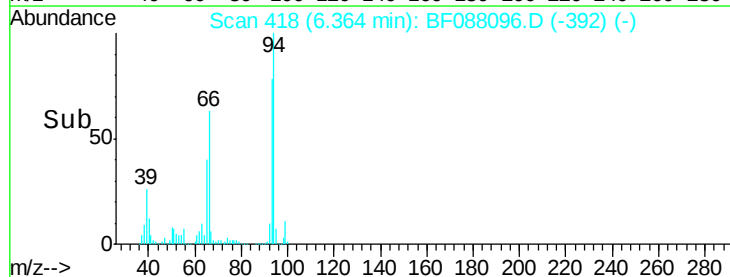
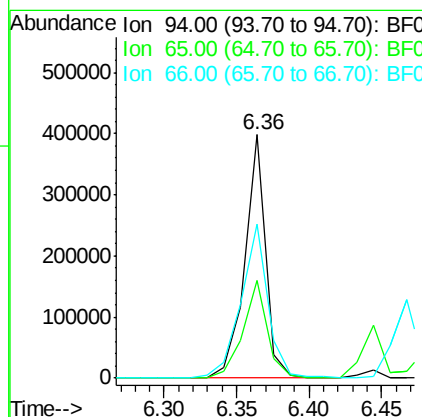
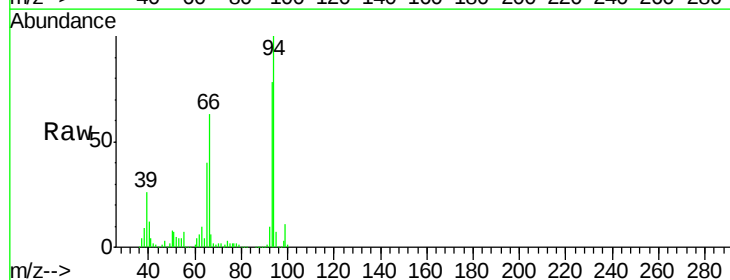
RT: 6.36 min Scan# 418

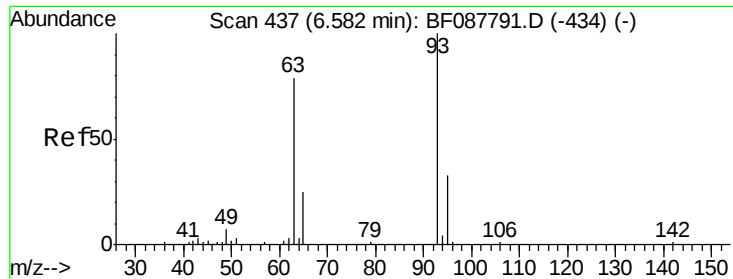
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	94	Resp:	397597
Ion	Ratio	Lower	Upper
94	100		
65	40.2	5.9	45.9
66	63.2	14.0	54.0





#11

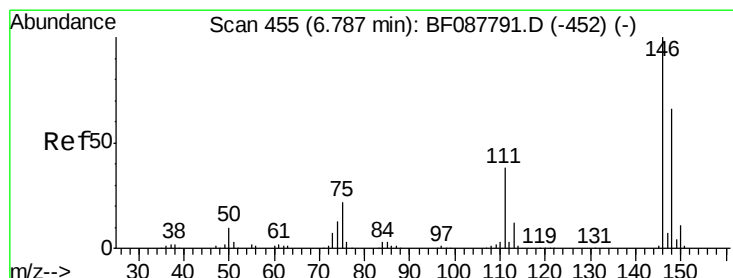
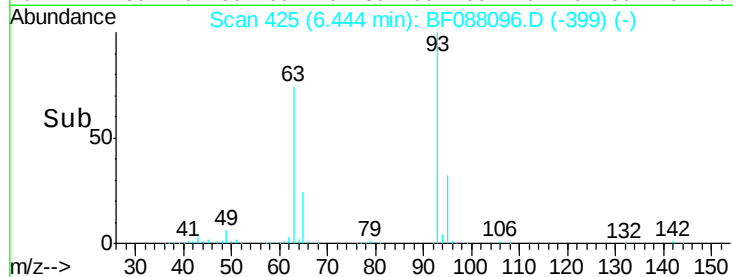
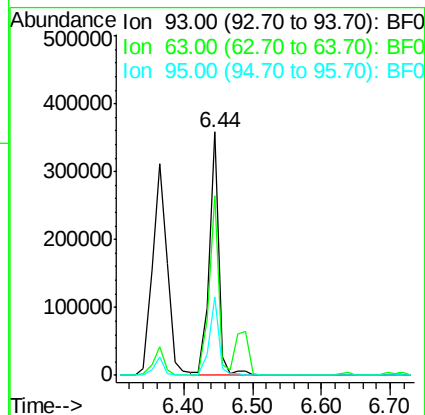
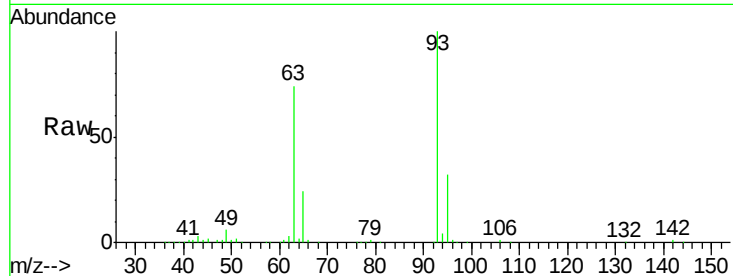
bis(2-Chloroethyl)ether
Concen: 41.80 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	348774		
63	73.9	67.6	107.6	
95	32.3	12.5	52.5	

Manual Integrations
APPROVED

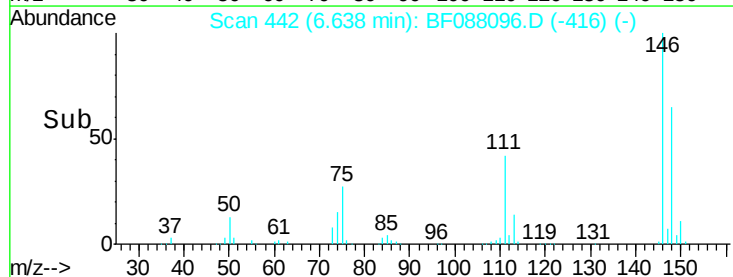
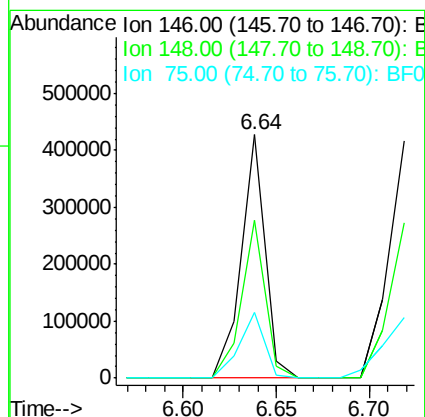
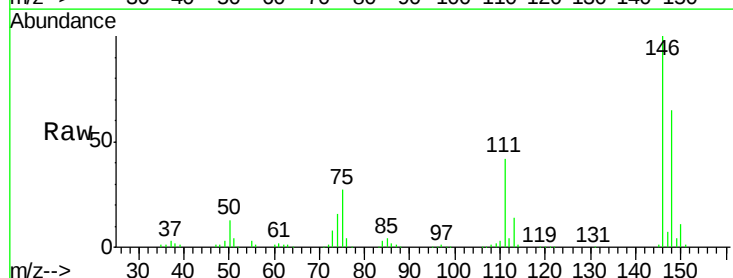
sohil
6/20/2016 6:50:44 PM

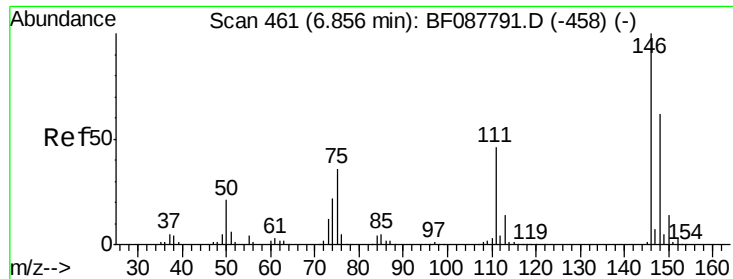


#12

1,3-Dichlorobenzene
Concen: 38.51 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	383979		
148	65.0	50.9	76.3	
75	26.8	25.6	38.4	





#13

1,4-Dichlorobenzene

Concen: 39.19 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

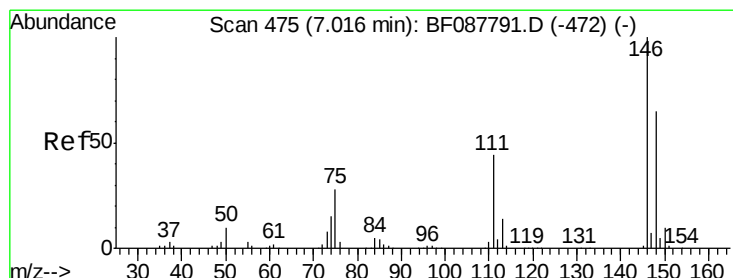
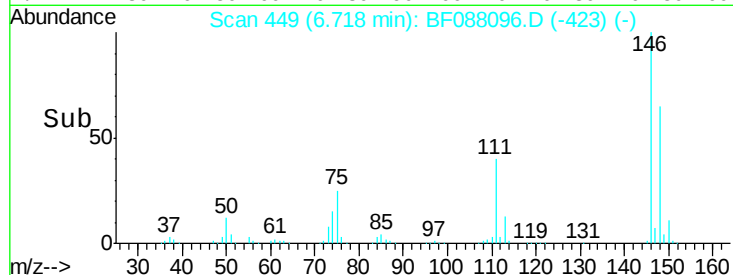
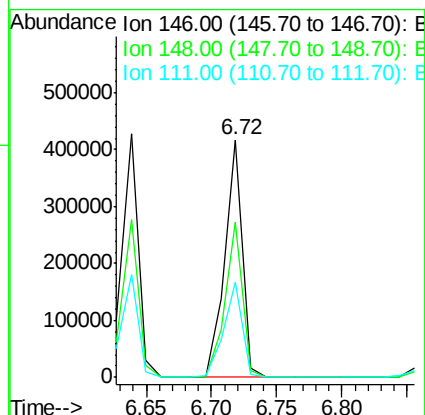
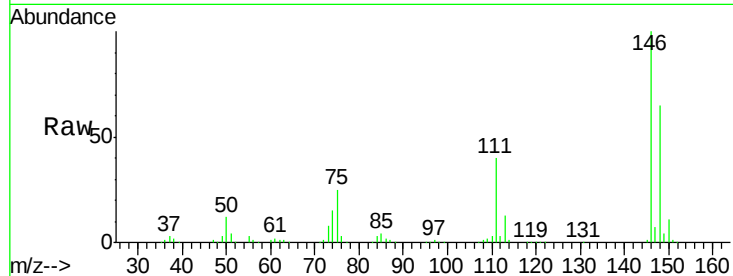
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	393621
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.0	78.0
111	40.3	33.8	50.8

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#14

1,2-Dichlorobenzene

Concen: 35.04 ng m

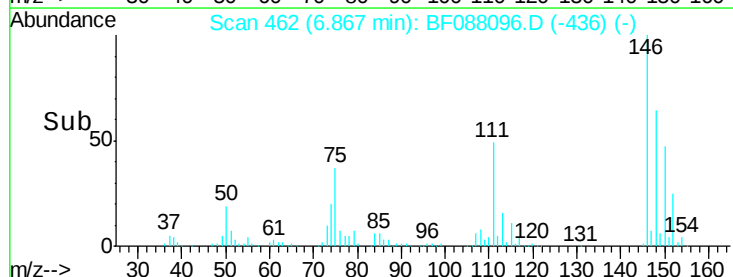
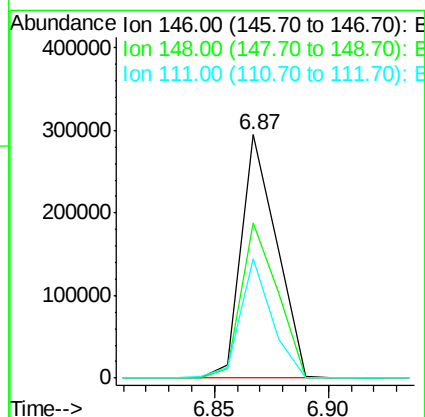
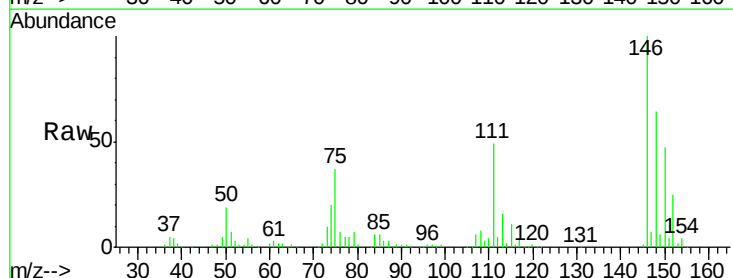
RT: 6.87 min Scan# 462

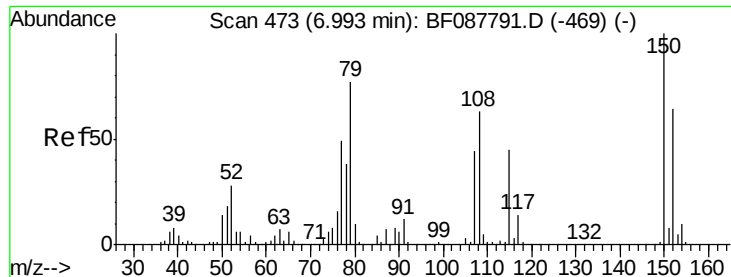
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	146	Resp:	320067
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	48.9	28.7	43.1#





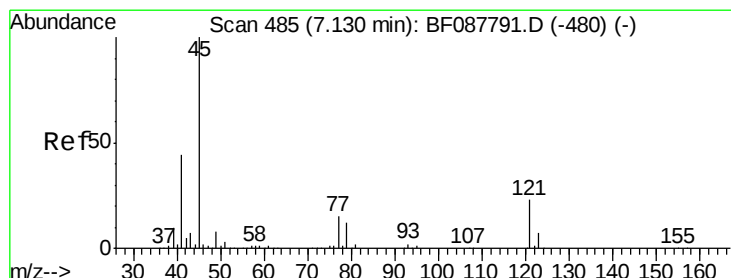
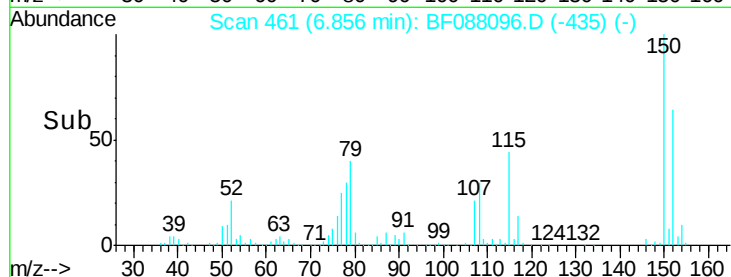
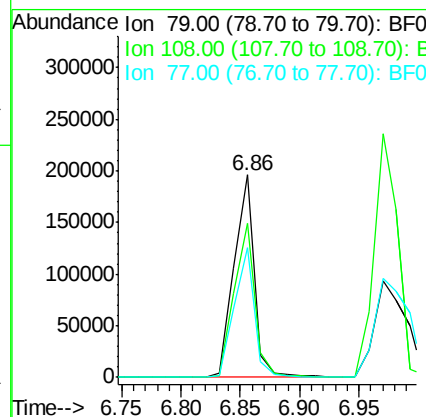
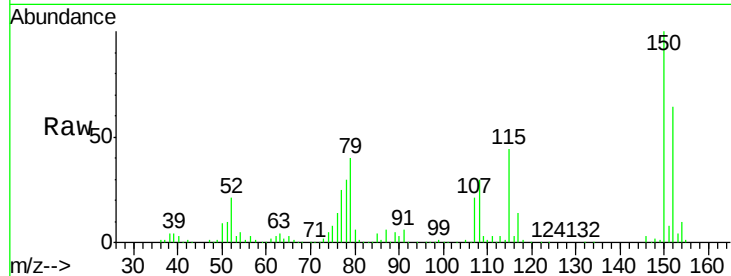
#15
Benzyl Alcohol
Concen: 31.24 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	65.0	97.6
77	63.9	50.3	75.5

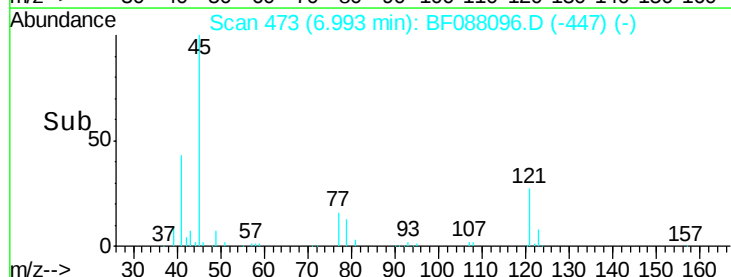
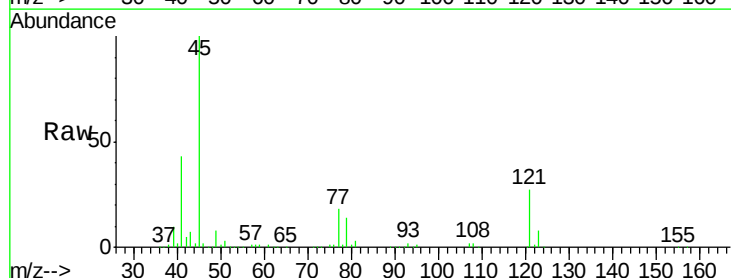
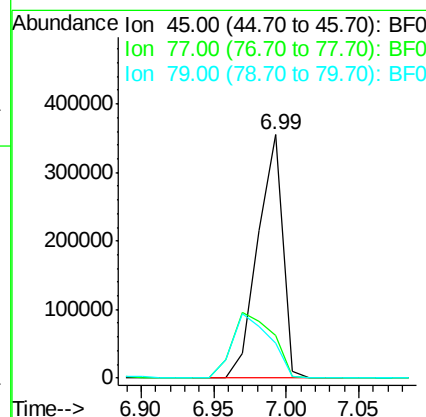
Manual Integrations
APPROVED

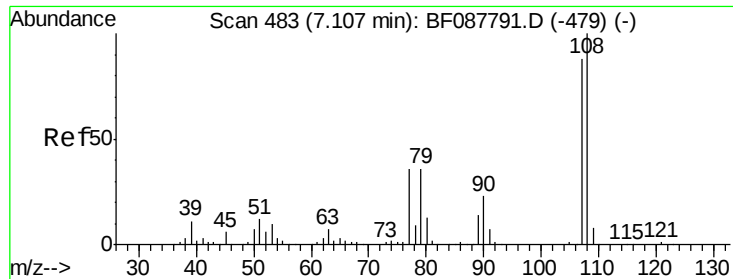
sohil
6/20/2016 6:50:44 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.52 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	32.5
79	14.2	0.0	29.5





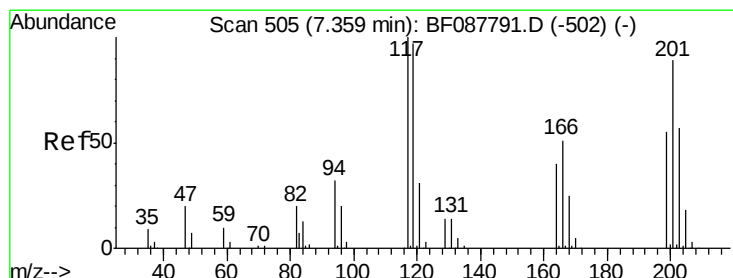
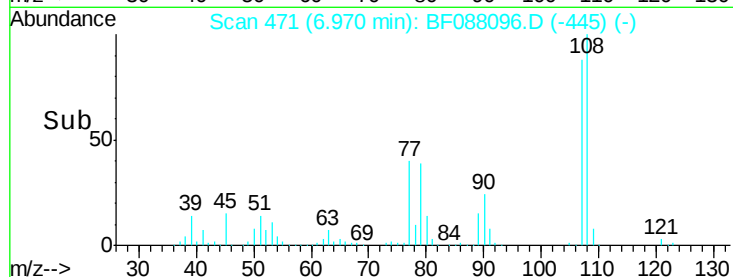
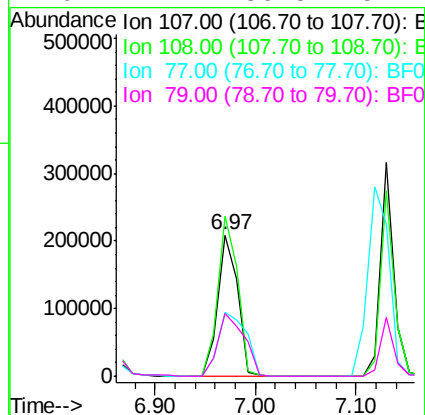
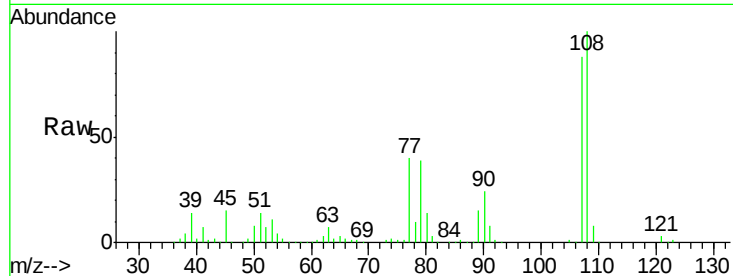
#17
2-Methylphenol
Concen: 38.03 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	286625		
108	113.1	90.9	136.3	
77	45.8	36.6	55.0	
79	44.7	36.5	54.7	

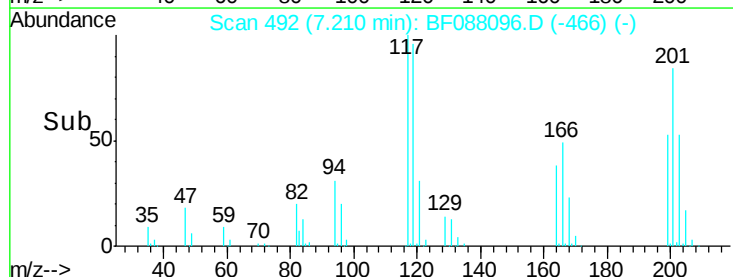
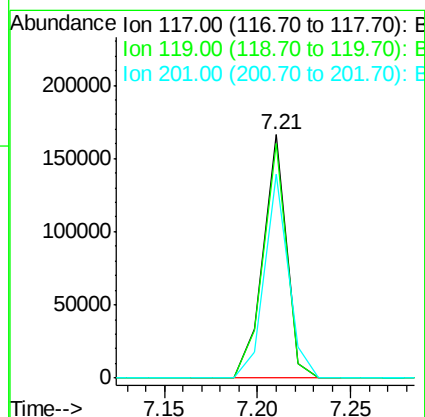
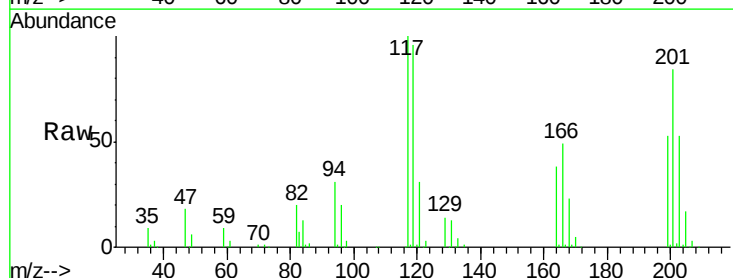
Manual Integrations
APPROVED

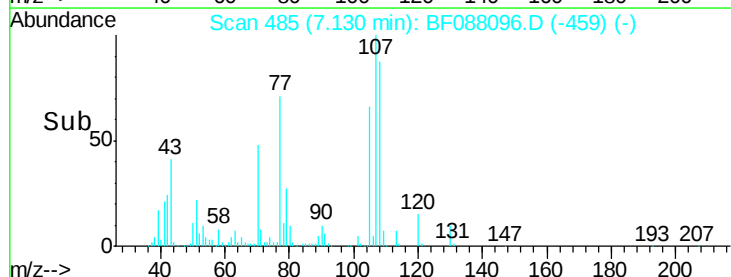
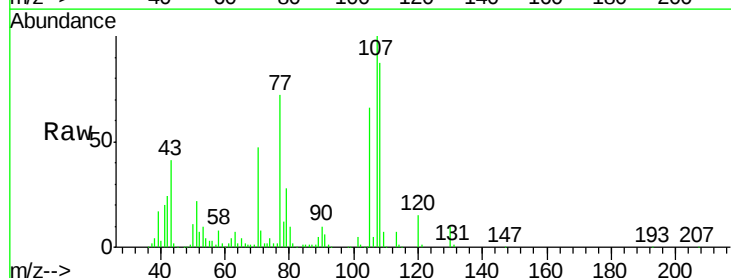
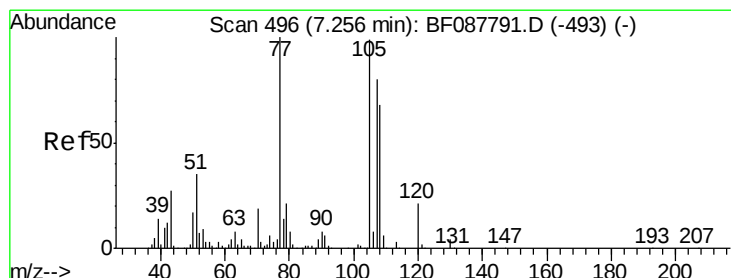
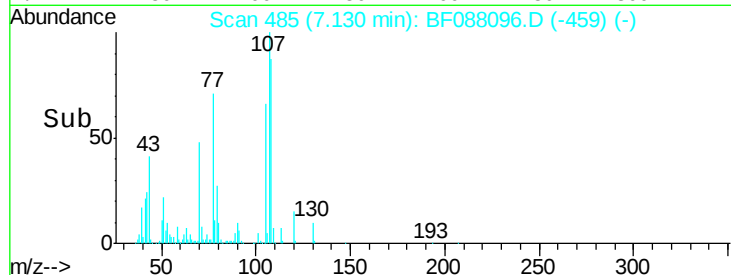
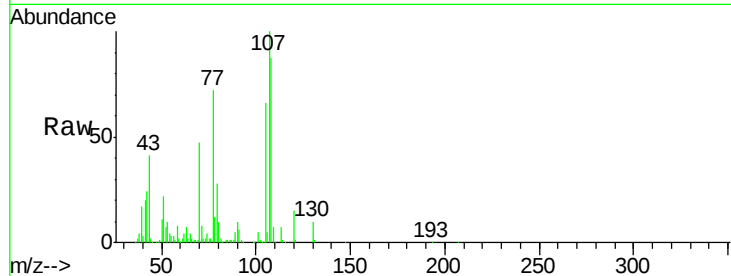
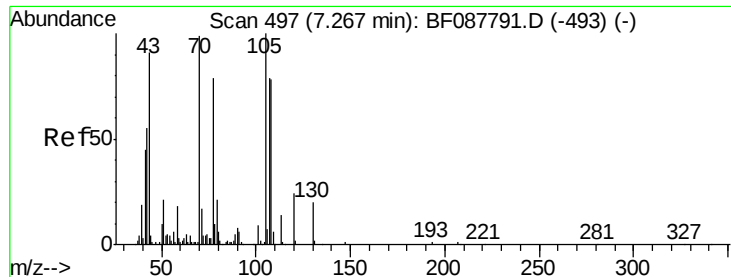
sohil
6/20/2016 6:50:44 PM



#18
Hexachloroethane
Concen: 40.38 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	143937		
119	96.2	77.4	116.2	
201	83.5	80.4	120.6	





#19

n-Nitroso-di-n-propylamine

Concen: 35.45 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

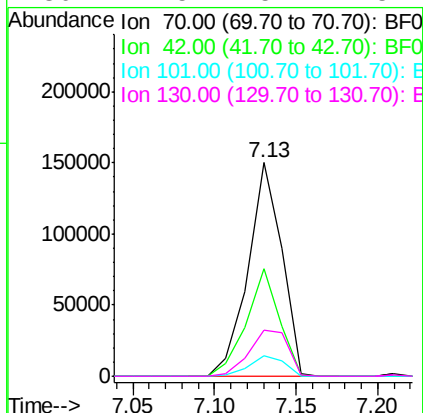
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.1	49.6	74.4	
101	9.8	7.1	10.7	
130	21.5	15.4	23.2	



Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM

#20

3+4-Methylphenols

Concen: 33.57 ng

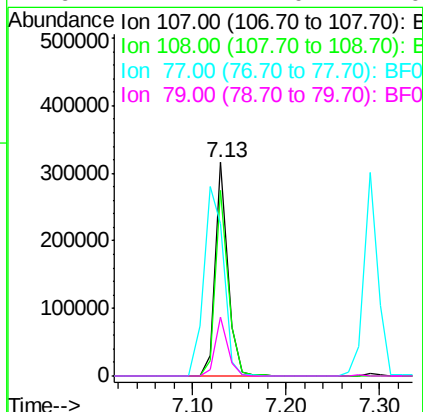
RT: 7.13 min Scan# 485

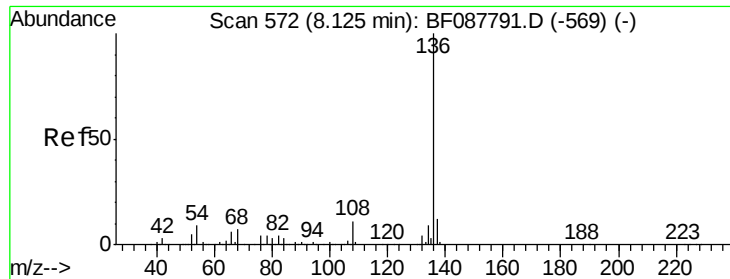
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	67.8	107.8	
77	71.5	59.3	99.3	
79	27.7	7.0	47.0	





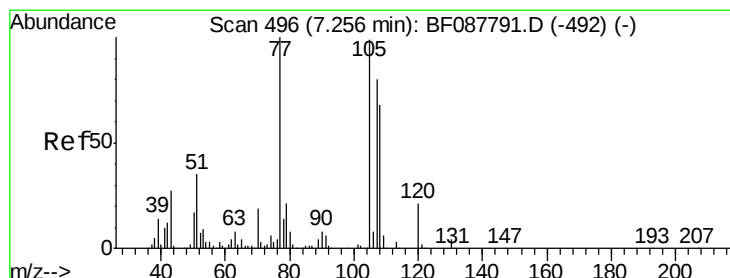
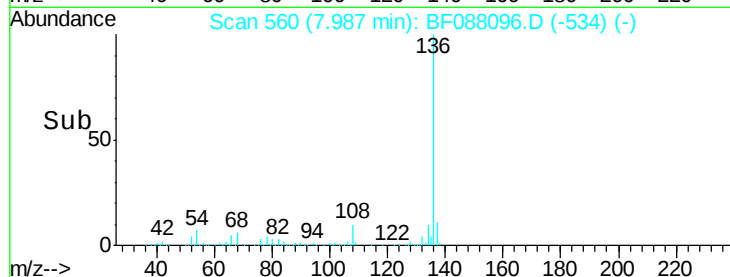
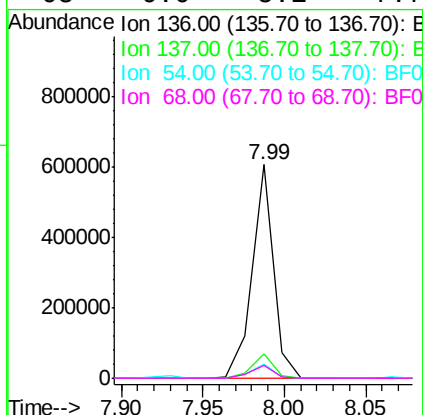
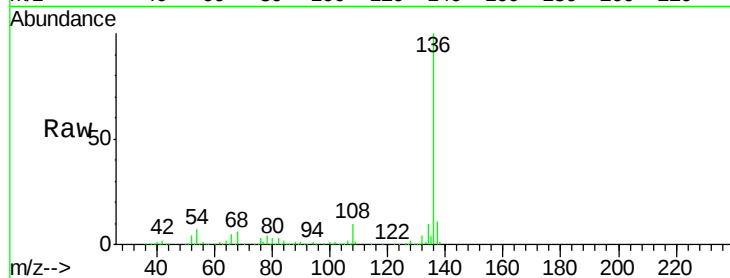
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	6.9	6.6	10.0	
68	6.0	5.1	7.7	

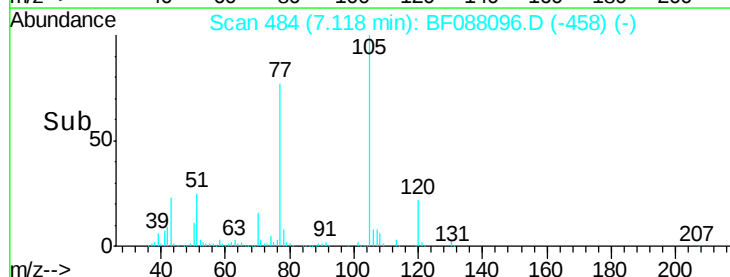
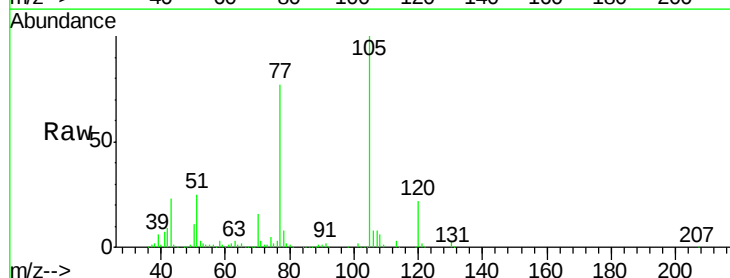
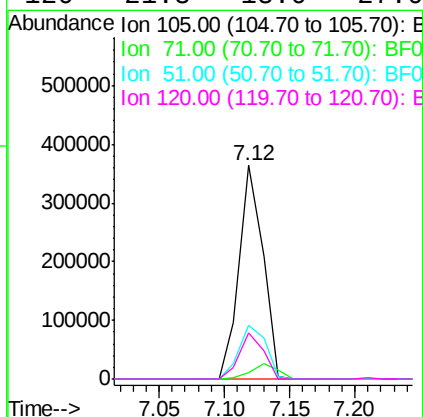
Manual Integrations
APPROVED

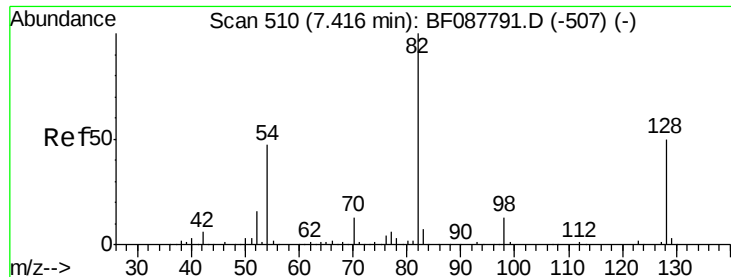
sohil
6/20/2016 6:50:44 PM



#22
Acetophenone
Concen: 37.57 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	5.3	7.9#	
51	25.2	18.2	27.4	
120	21.8	18.0	27.0	





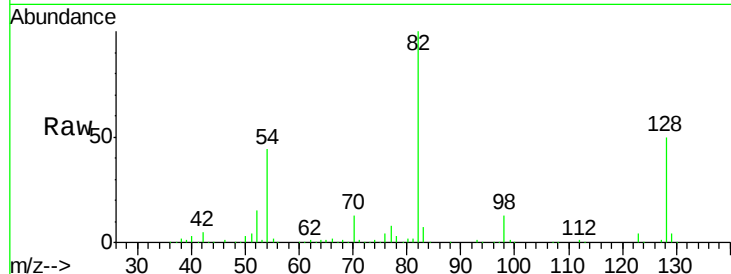
#23
 Nitrobenzene-d5
 Concen: 77.89 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

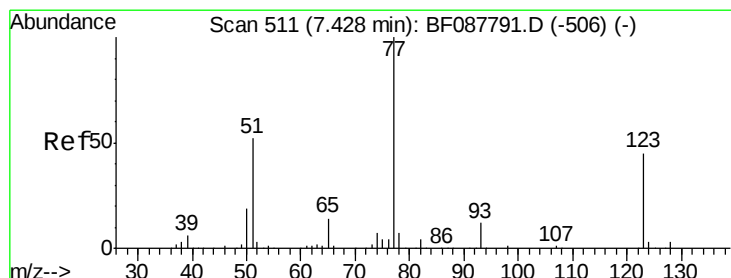
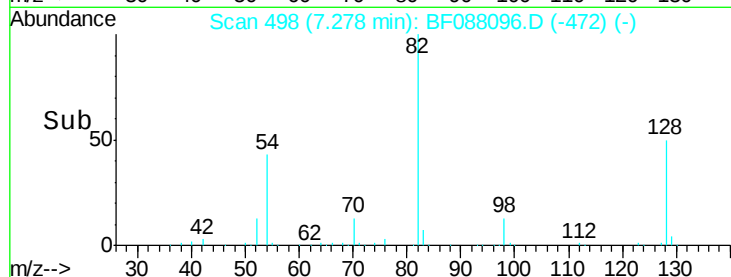
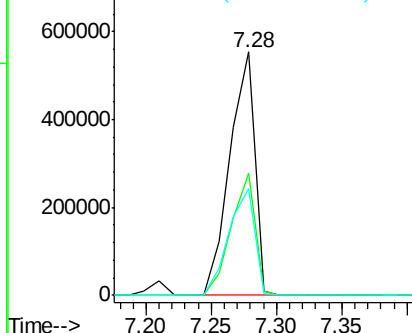
Tot Ion	Ratio	Resp	Lower	Upper
82	100	735924		
128	50.1		35.9	53.9
54	43.9		40.9	61.3

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:50:44 PM

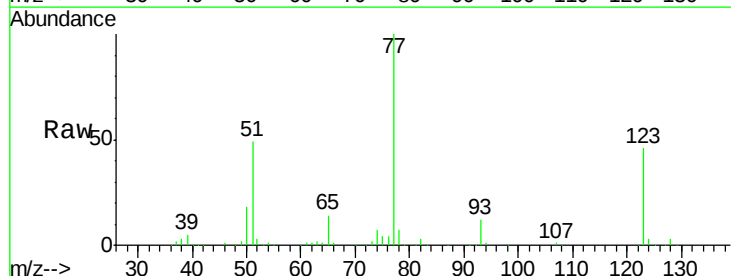


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

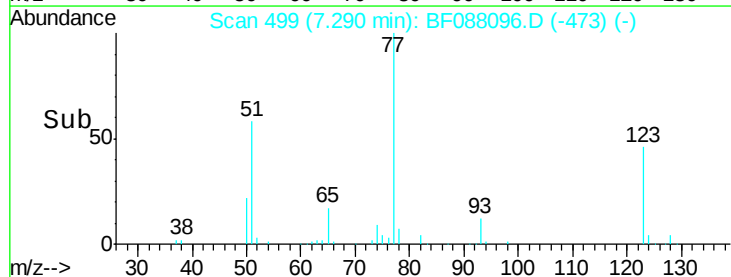
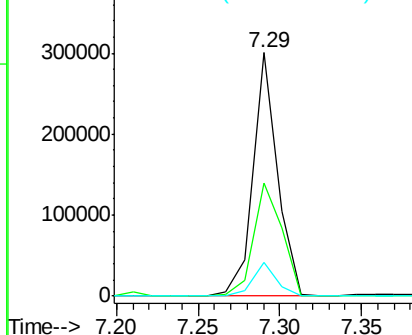


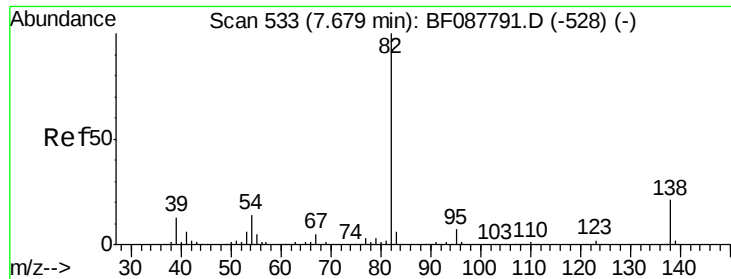
#24
 Nitrobenzene
 Concen: 34.46 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	315381		
123	46.3		45.0	67.4
65	13.6		10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.83 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

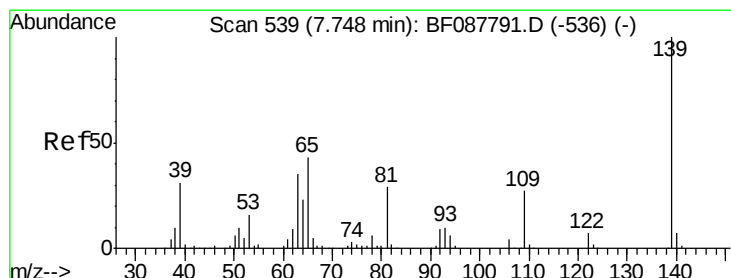
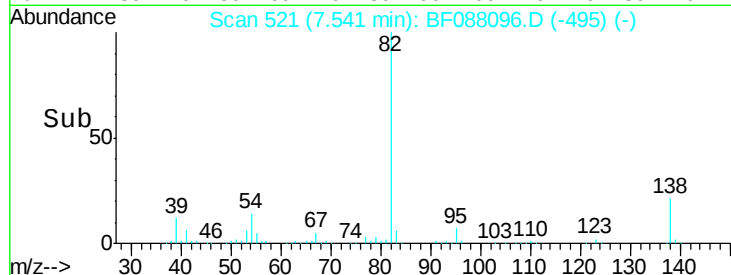
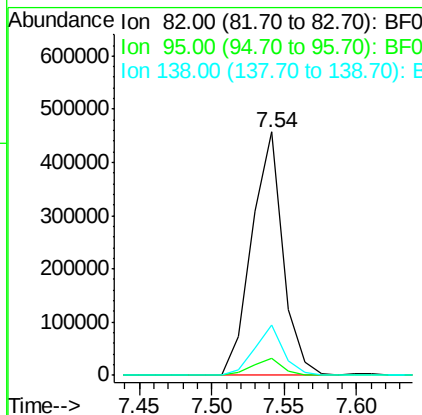
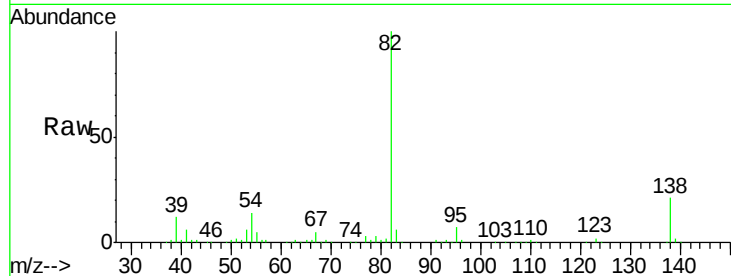
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	679610
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	20.6	14.6	21.8

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#26

2-Nitrophenol

Concen: 44.46 ng

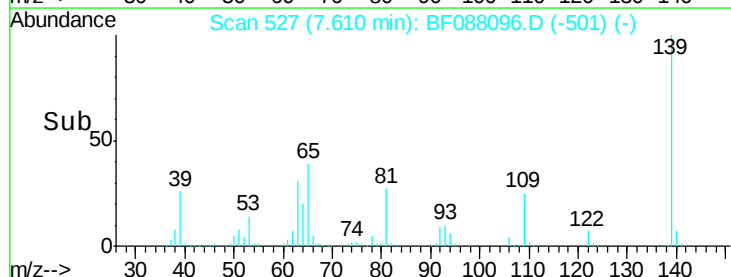
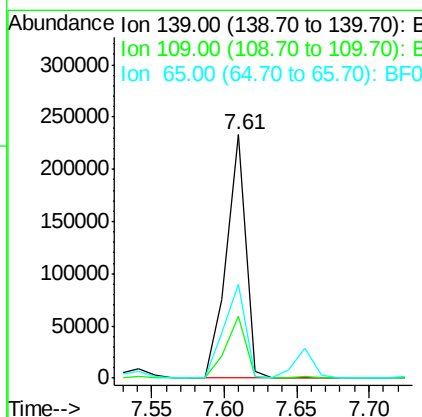
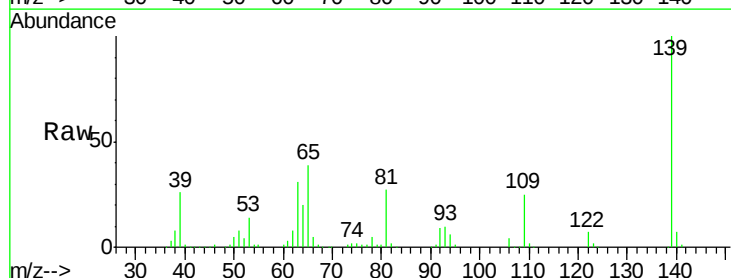
RT: 7.61 min Scan# 527

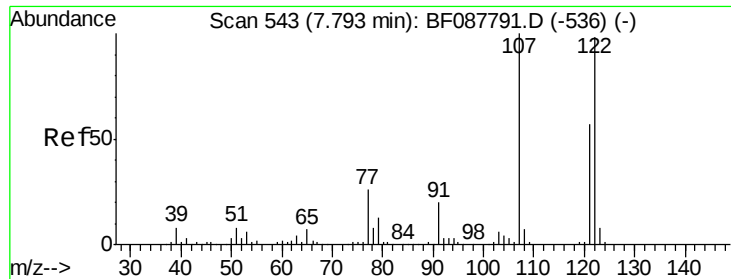
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	139	Resp:	217995
Ion Ratio		Lower	Upper
139	100		
109	25.2	23.0	34.4
65	38.7	45.8	68.8#





#27

2,4-Dimethylphenol

Concen: 35.38 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

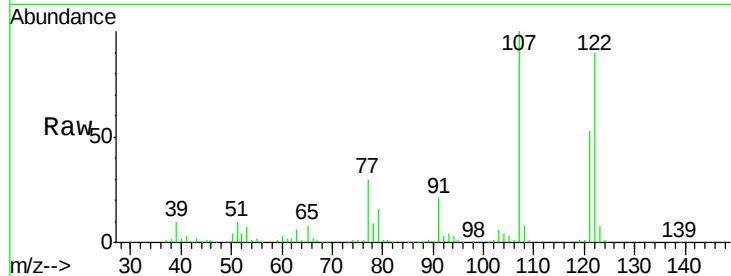
ClientSampleId :

SSTDCCC040

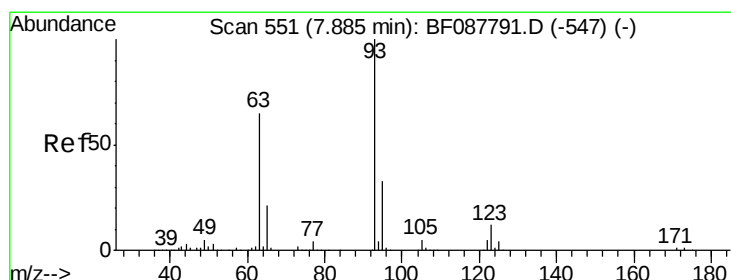
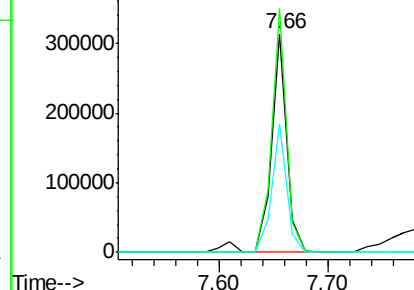
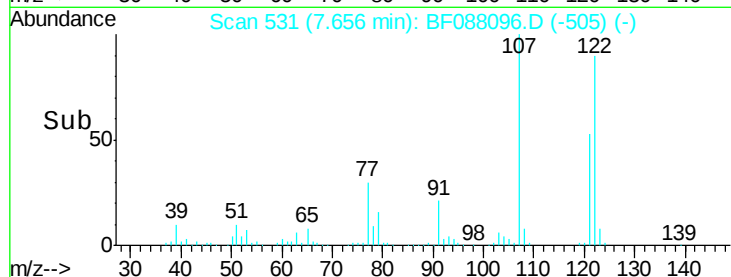
Tot Ion:	122	Resp:	319362
Ion Ratio	Lower	Upper	
122	100		
107	111.4	82.4	123.6
121	58.7	46.3	69.5

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 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: 36.92 ng

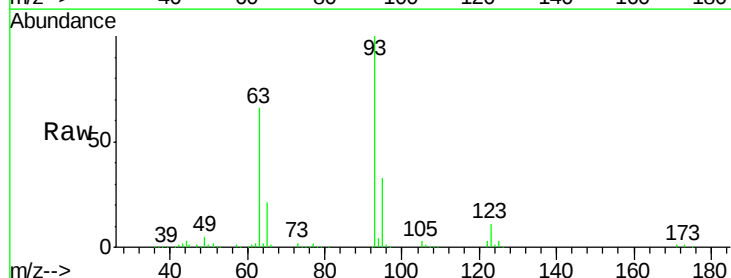
RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

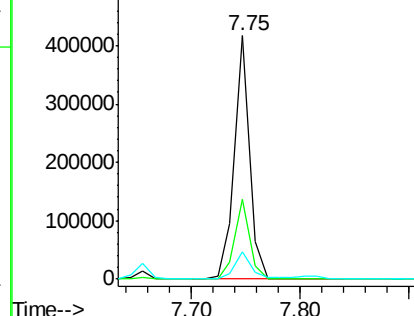
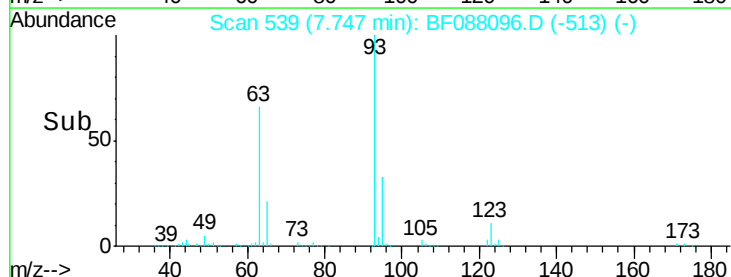
Lab File: BF088096.D

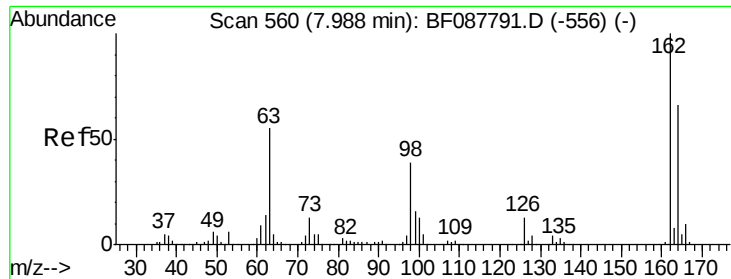
Acq: 17 Jun 2016 16:41

Tgt Ion:	93	Resp:	400764
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	11.0	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





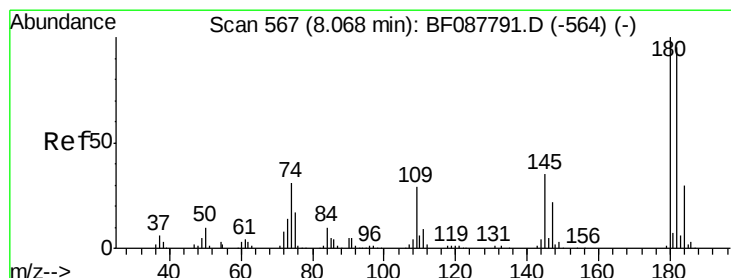
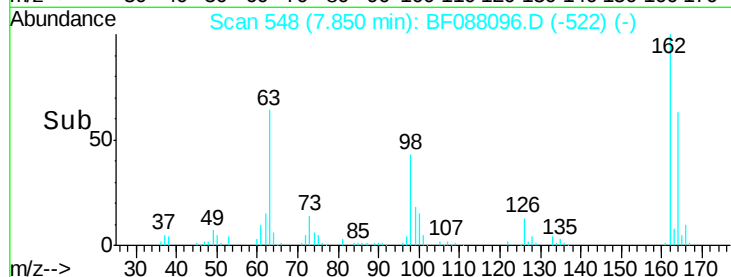
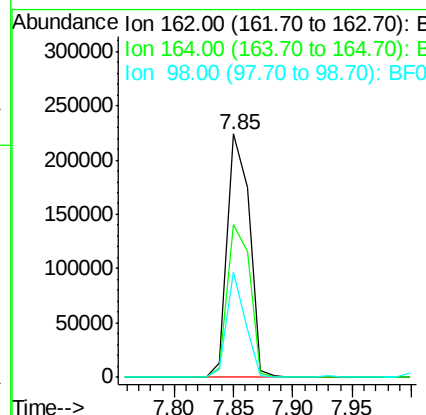
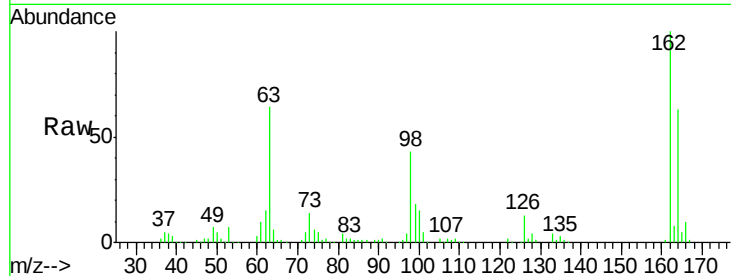
#29
 2,4-Dichlorophenol
 Concen: 38.34 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	43.8	83.8
98	43.4	21.3	61.3

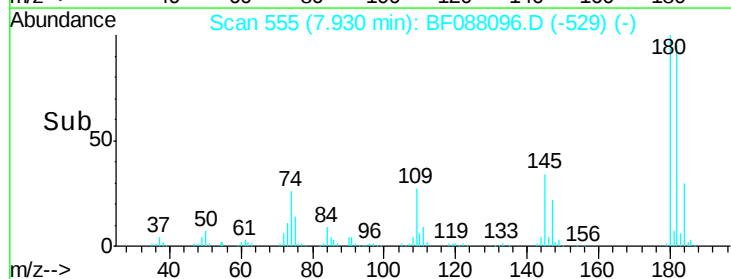
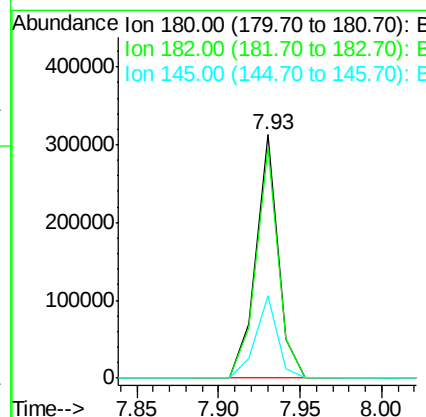
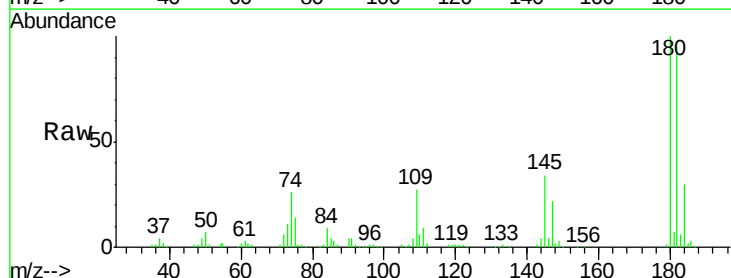
Manual Integrations
 APPROVED

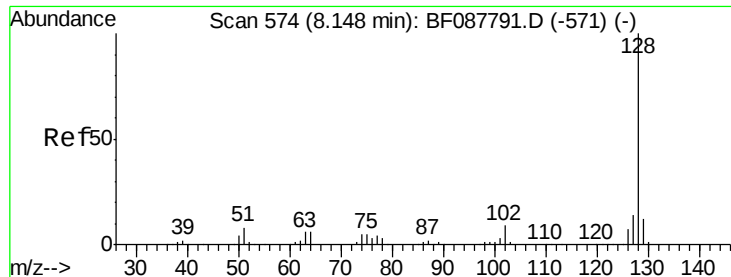
sohil
 6/20/2016 6:50:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.25 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	76.0	114.0
145	34.0	26.5	39.7





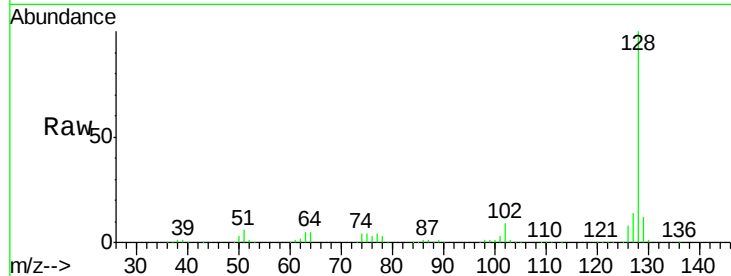
#31
Naphthalene
Concen: 36.17 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

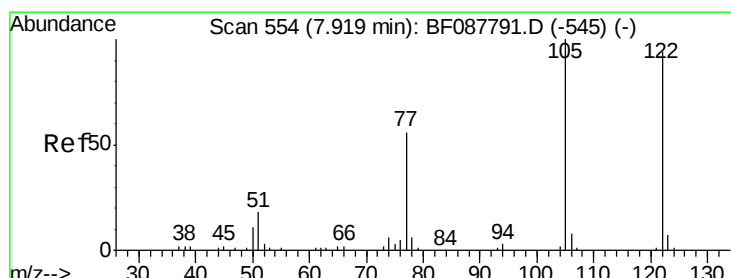
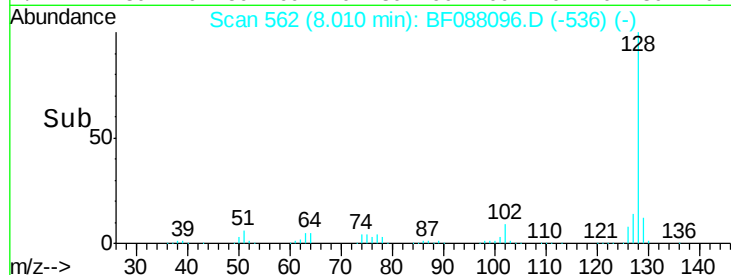
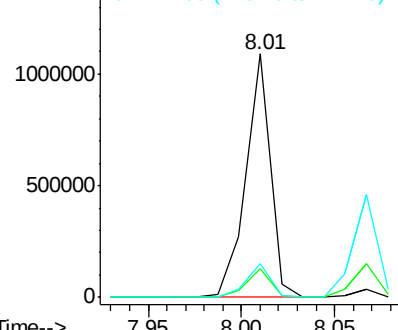
Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM

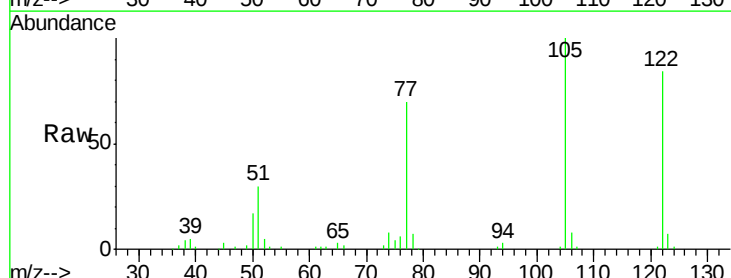


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

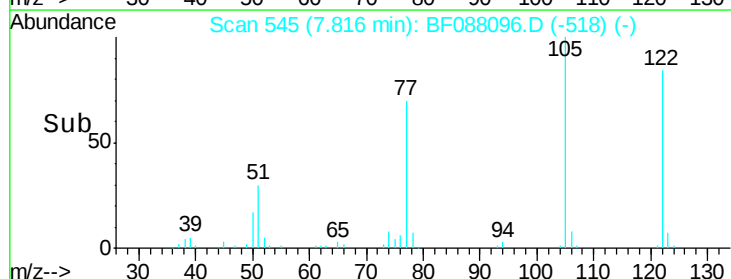
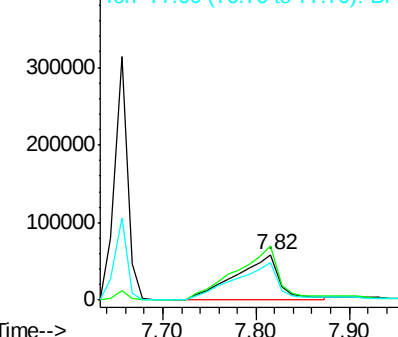


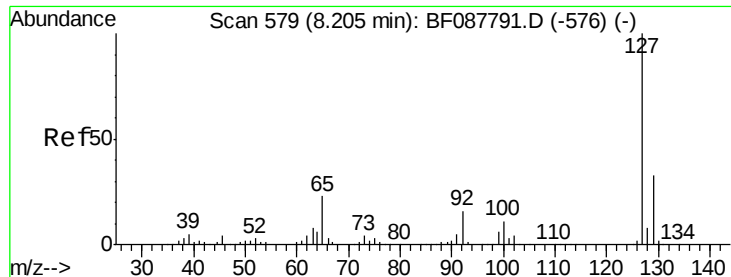
#32
Benzoic acid
Concen: 38.13 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.01 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	118.6	101.6	141.6
77	83.4	70.6	110.6



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





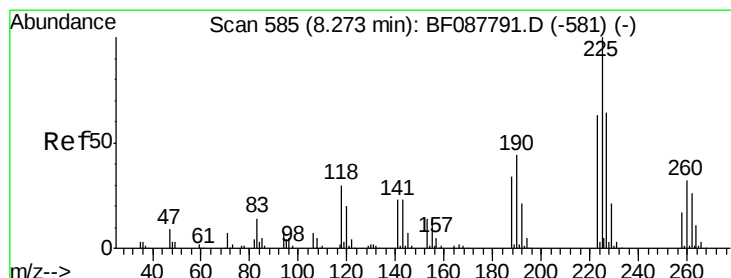
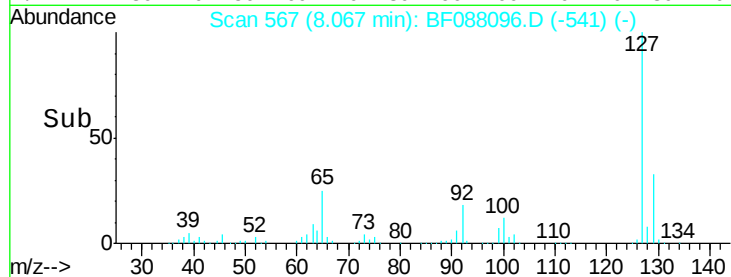
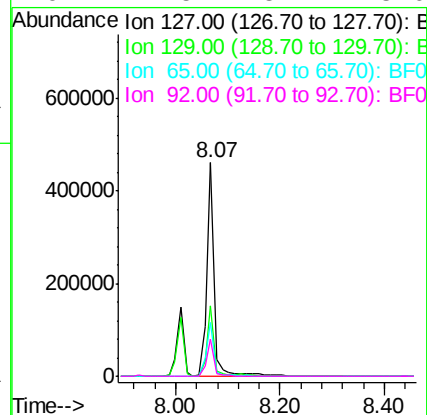
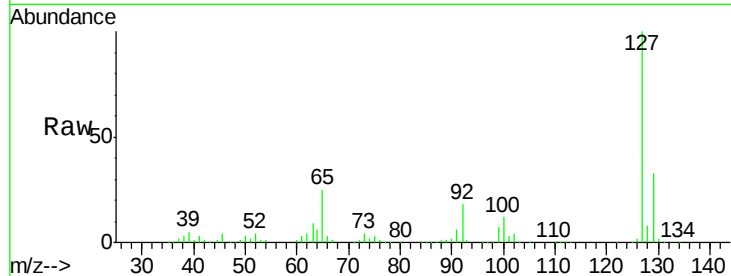
#33
4-Chloroaniline
Concen: 37.97 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.3	39.5		
65	25.3	24.7	37.1		
92	17.5	15.4	23.0		

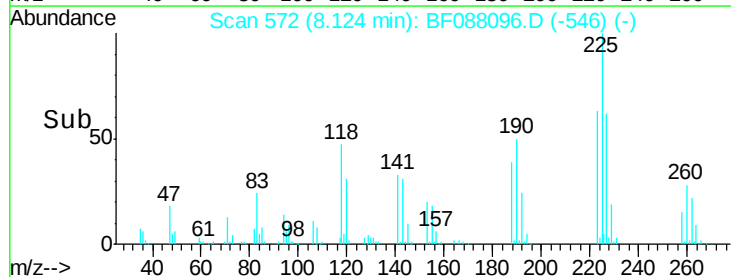
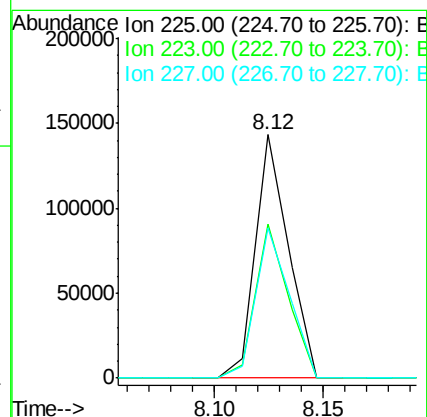
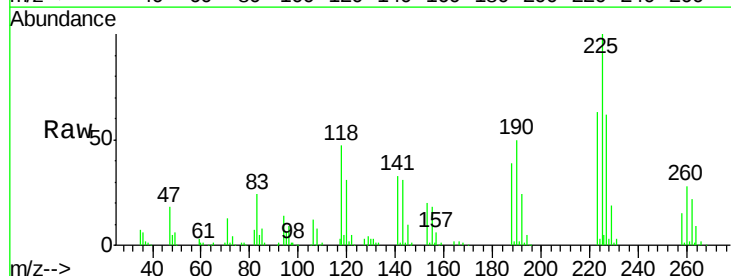
Manual Integrations
APPROVED

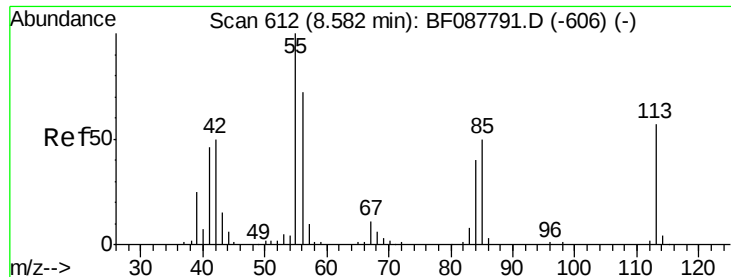
sohil
6/20/2016 6:50:44 PM



#34
Hexachlorobutadiene
Concen: 34.93 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.9	76.3		
227	61.9	51.9	77.9		





#35

Caprolactam

Concen: 41.87 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

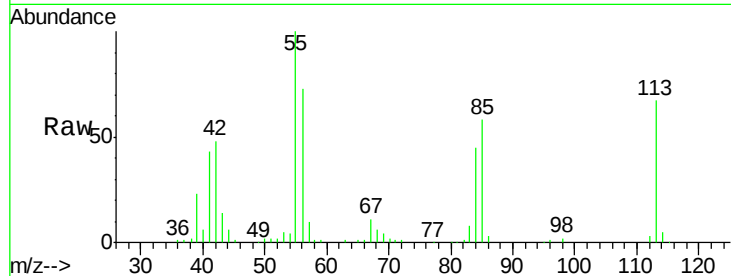
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.4	158.6	198.6#
56	108.5	110.6	150.6#

Manual Integrations
APPROVED

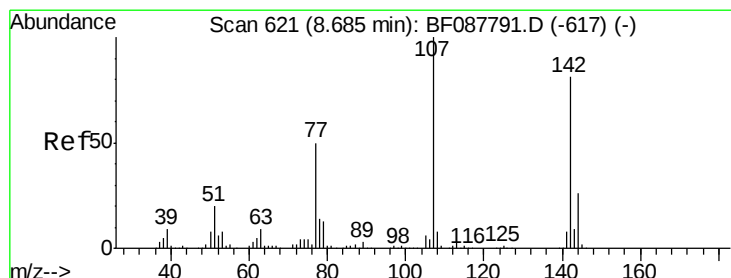
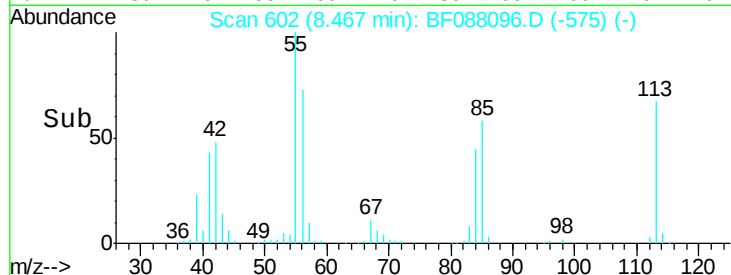
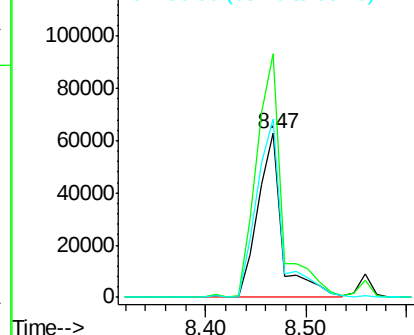
sohil
6/20/2016 6:50:44 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.63 ng

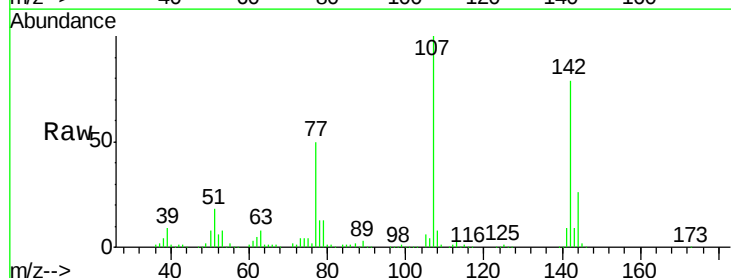
RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

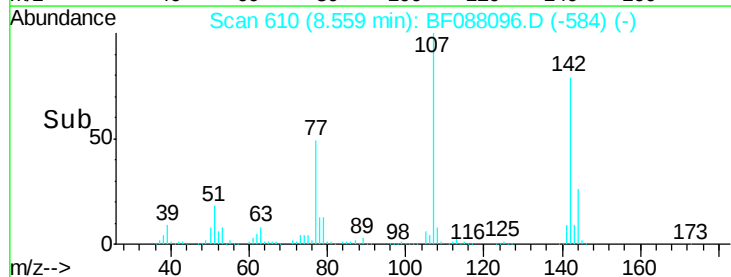
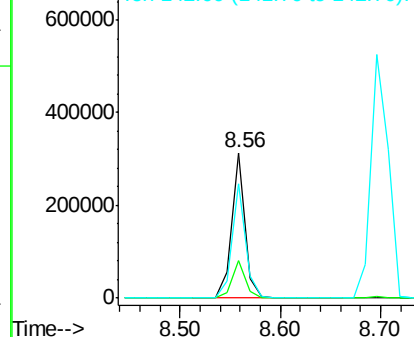
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.8	31.2
142	78.7	63.4	95.2

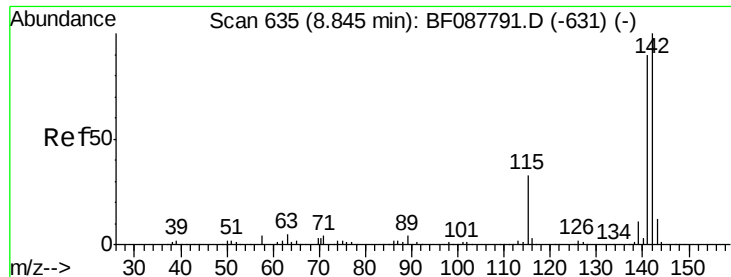


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





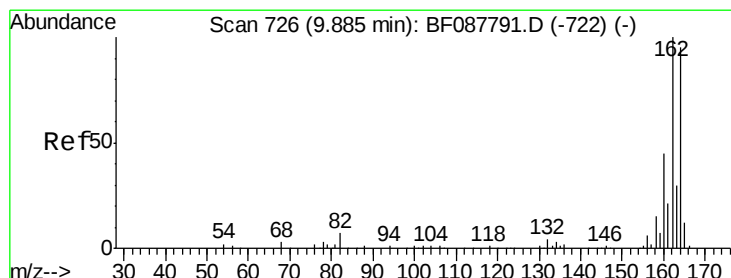
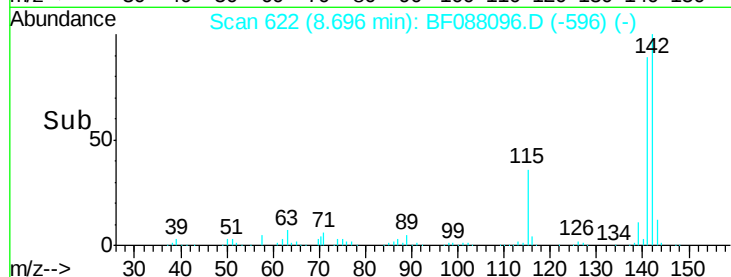
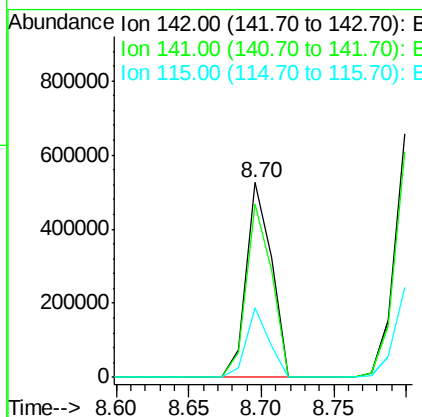
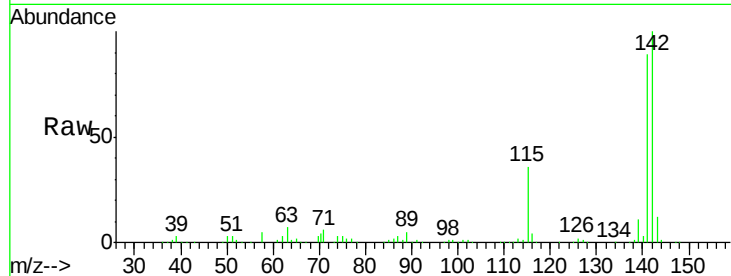
#37
2-Methylnaphthalene
Concen: 35.21 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	35.7	22.6	33.8

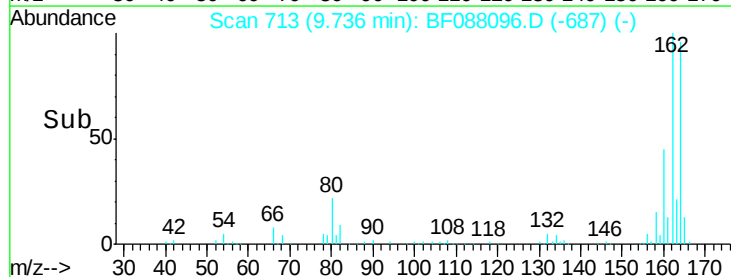
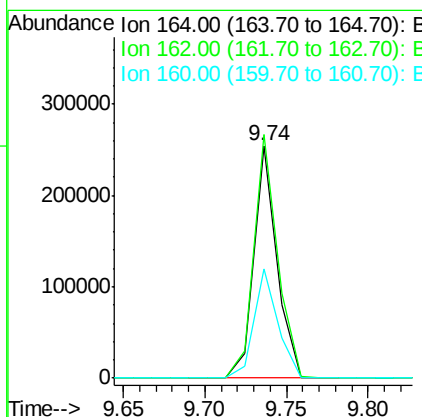
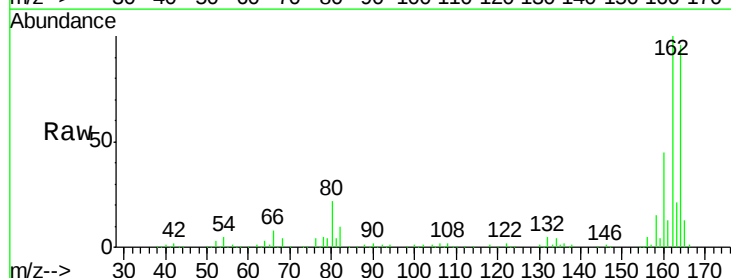
Manual Integrations
APPROVED

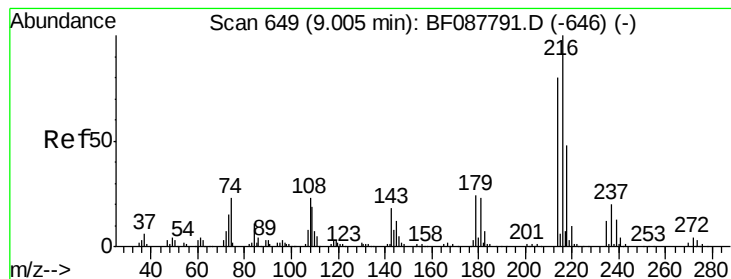
sohil
6/20/2016 6:50:44 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	47.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.78 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		

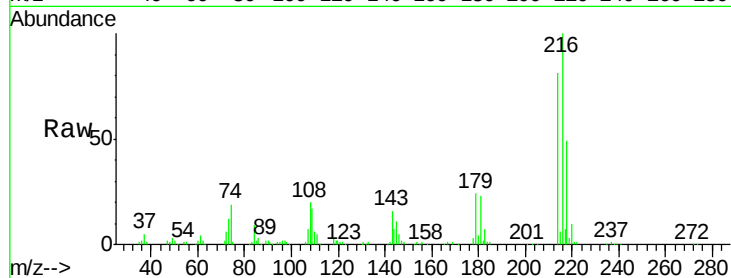
214	80.7	2.9	4.3#
-----	------	-----	------

179	23.7	0.0	0.0#
-----	------	-----	------

108	22.0	0.5	0.7#
-----	------	-----	------

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM

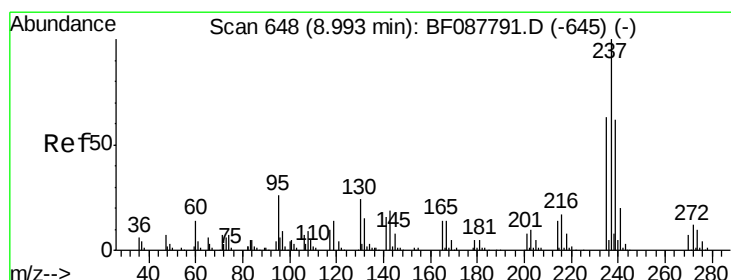
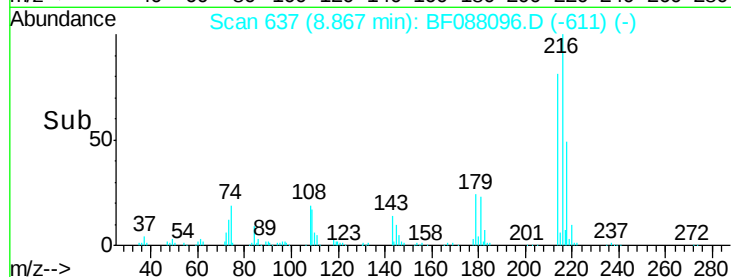
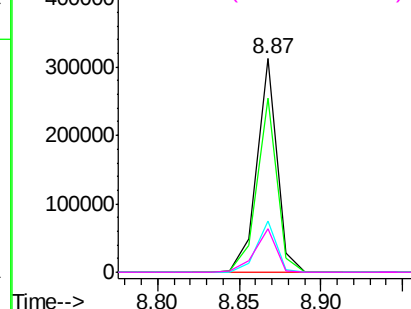


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 25.97 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

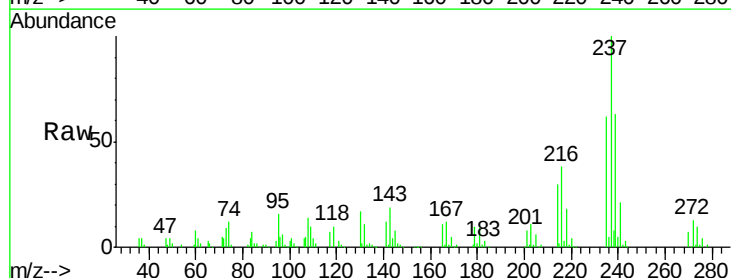
Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp Lower	Upper
237	100		

235	62.0	43.4	83.4
-----	------	------	------

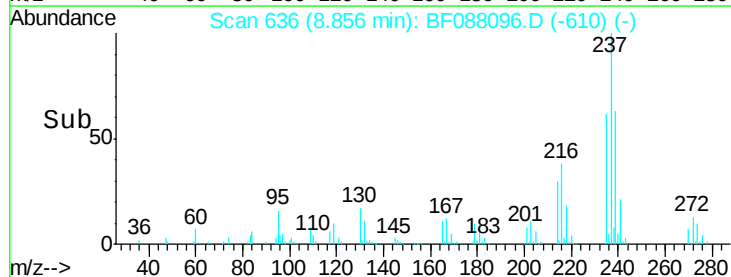
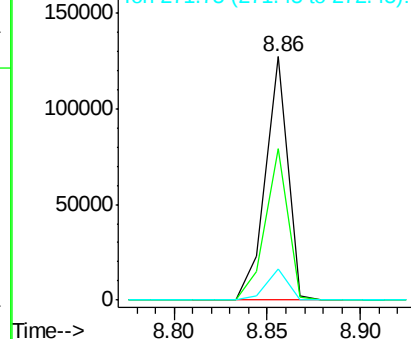
272	12.9	0.0	32.3
-----	------	-----	------

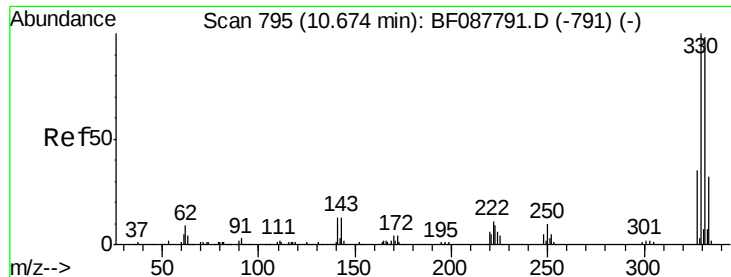


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





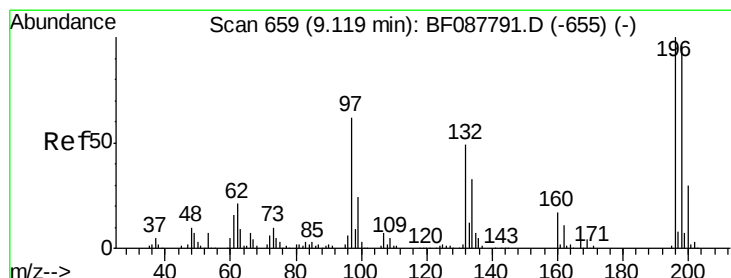
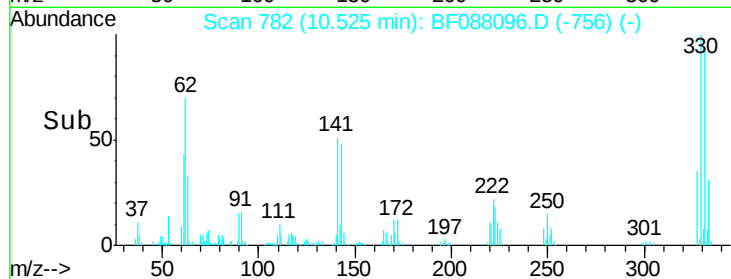
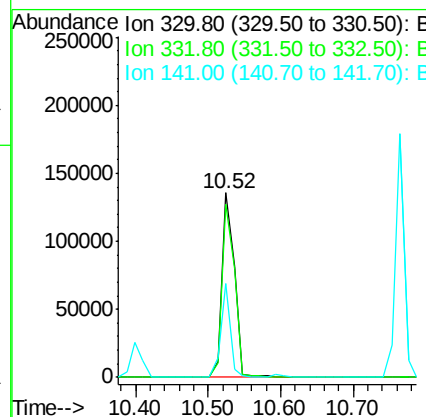
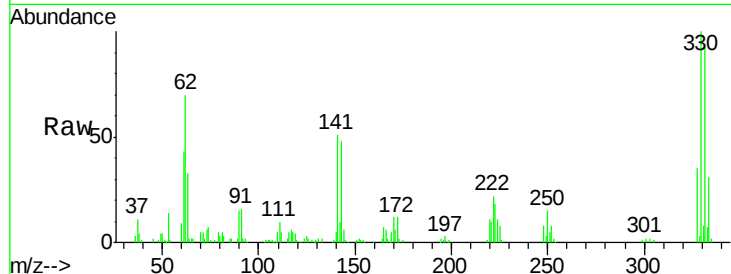
#41
 2,4,6-Tribromophenol
 Concen: 61.87 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163119		
332	95.0	0.0	0.0	0.0
141	38.4	0.0	0.0	0.0

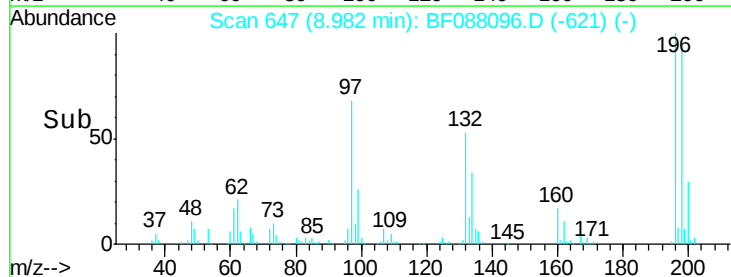
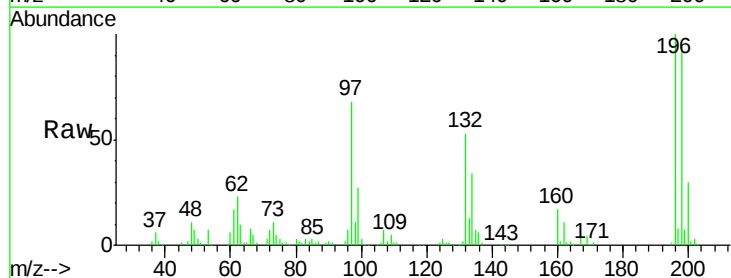
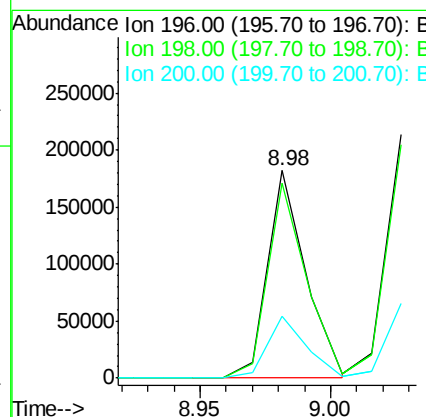
Manual Integrations
 APPROVED

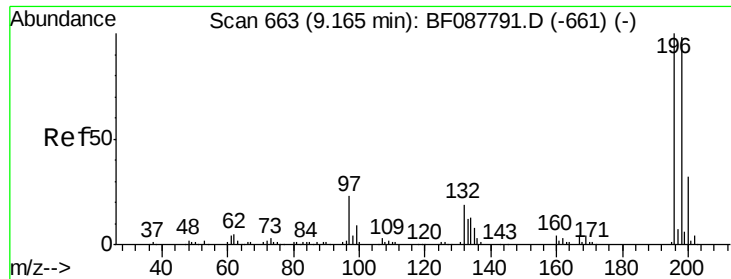
sohil
 6/20/2016 6:50:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.12 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185371		
198	94.0	78.0	117.0	
200	29.9	25.4	38.2	





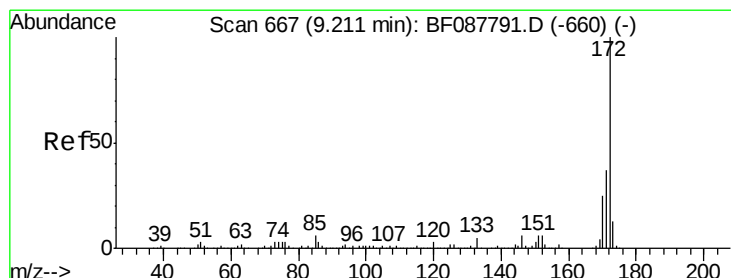
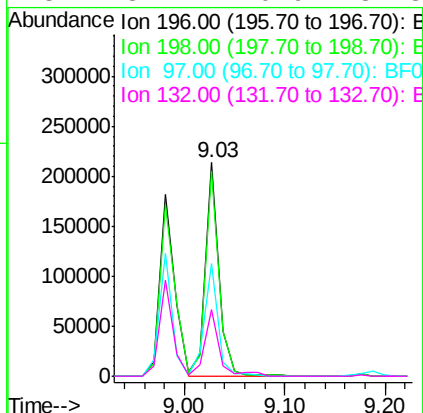
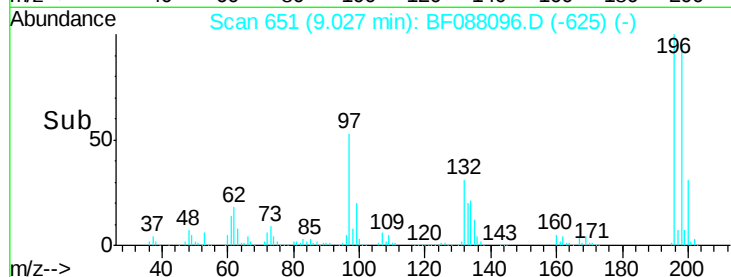
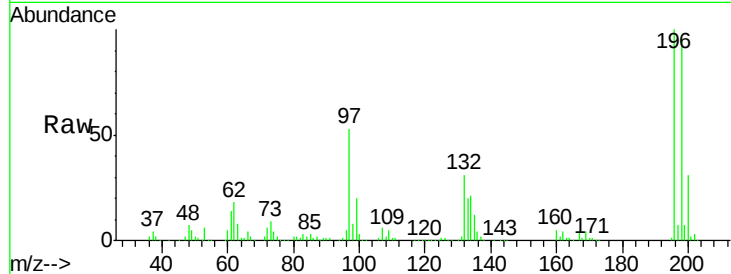
#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197541		
198	95.8	77.5	116.3	
97	52.8	32.0	48.0	
132	31.4	20.9	31.3	

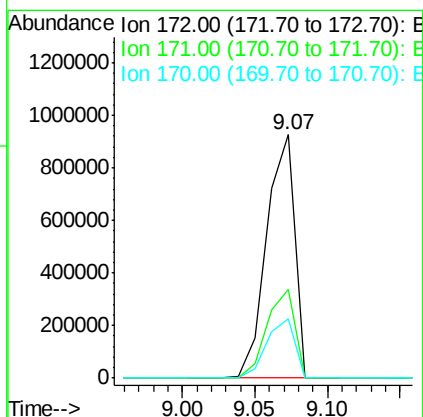
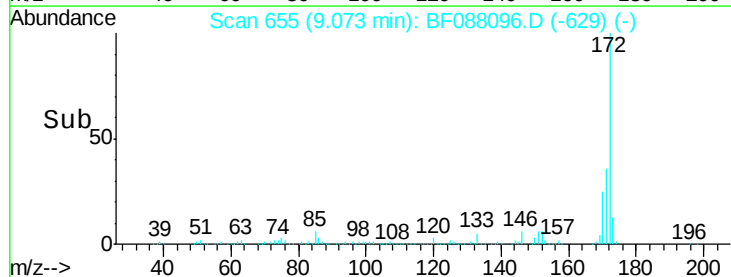
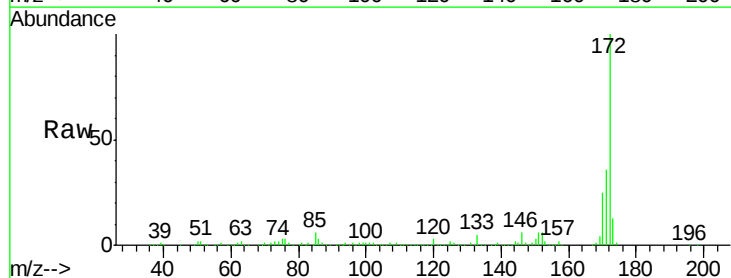
Manual Integrations
 APPROVED

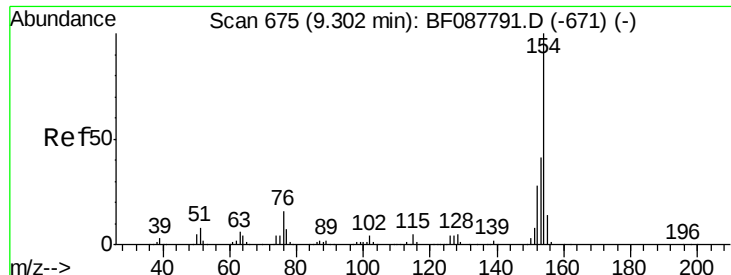
sohil
 6/20/2016 6:50:44 PM



#44
 2-Fluorobiphenyl
 Concen: 77.72 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1242882		
171	36.4	28.6	43.0	
170	24.6	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 36.76 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

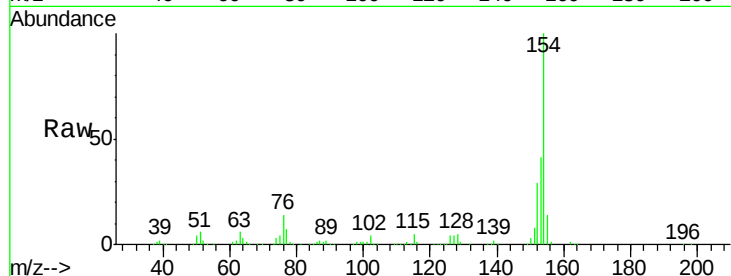
ClientSampleId :

SSTDCCC040

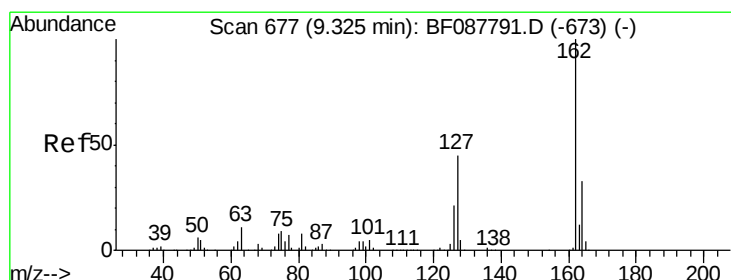
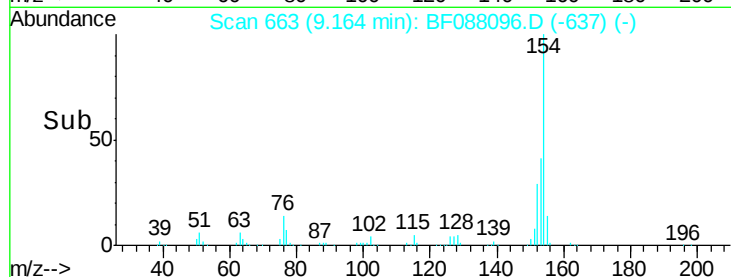
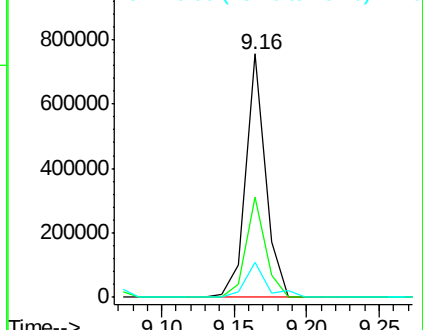
Tot Ion:	154	Resp:	710291
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.6	60.6
76	14.2	0.0	35.1

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 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: 35.58 ng

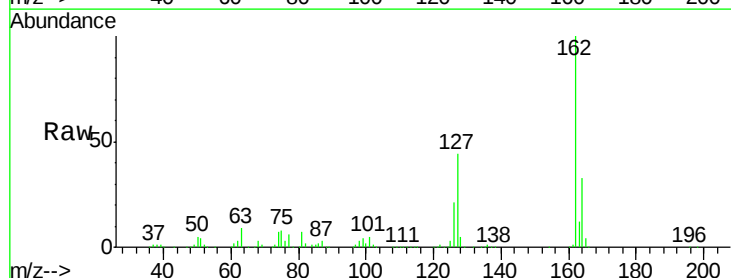
RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

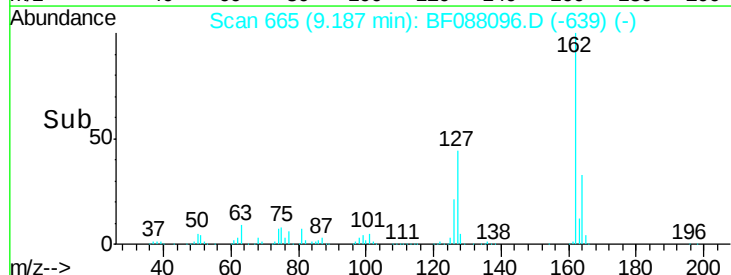
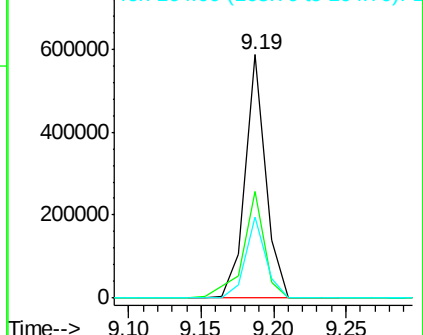
Lab File: BF088096.D

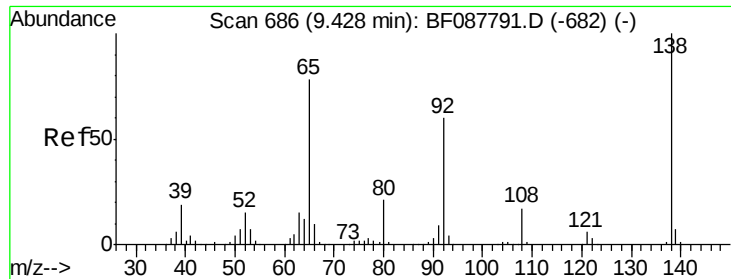
Acq: 17 Jun 2016 16:41

Tgt Ion:	162	Resp:	574864
Ion Ratio	Lower	Upper	
162	100		
127	43.8	35.2	52.8
164	33.2	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





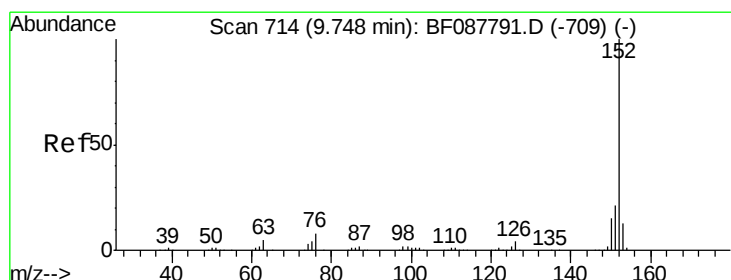
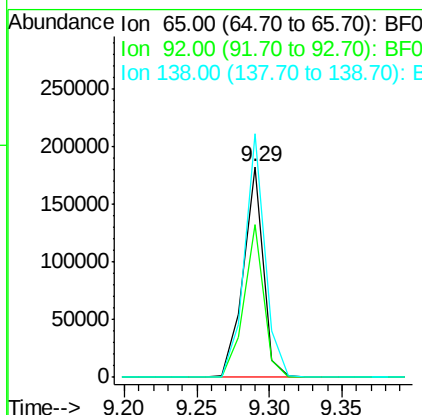
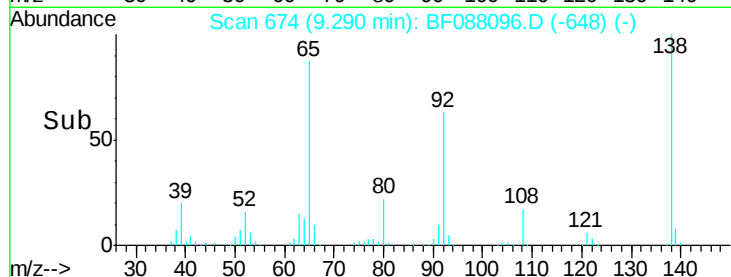
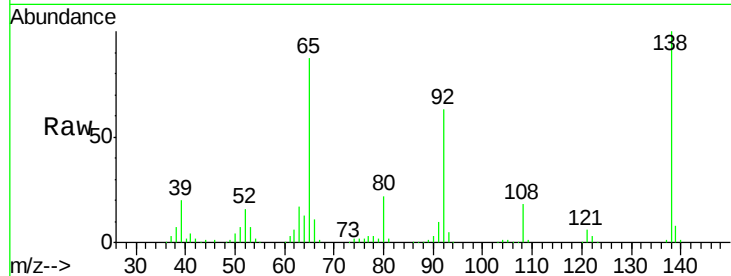
#47
 2-Nitroaniline
 Concen: 36.76 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	175217
Ion Ratio	Lower	Upper	
65	100		
92	72.3	54.6	82.0
138	115.5	77.0	115.4#

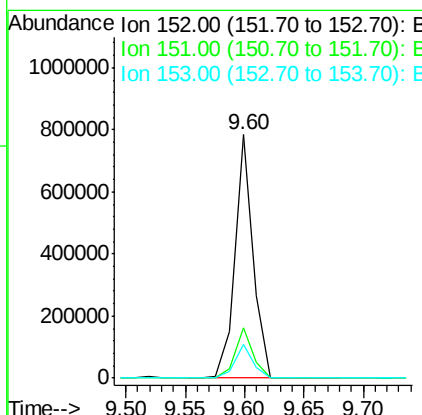
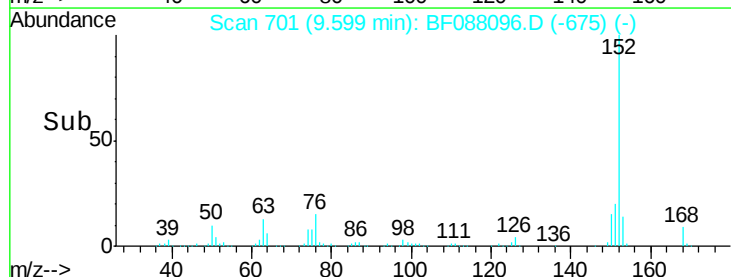
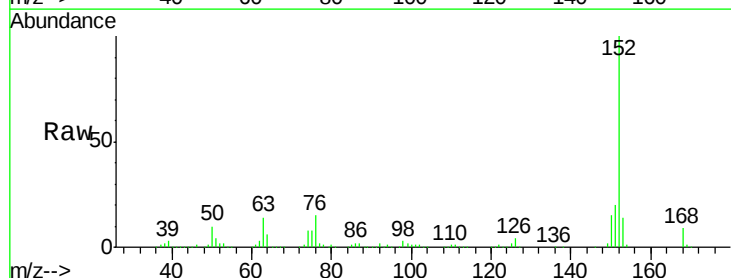
Manual Integrations
 APPROVED

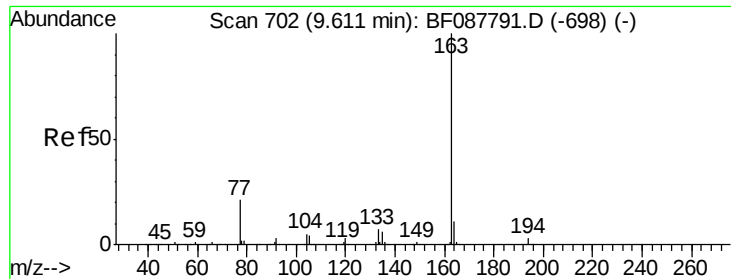
sohil
 6/20/2016 6:50:44 PM



#48
 Acenaphthylene
 Concen: 32.22 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion:	152	Resp:	828073
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	13.8	11.0	16.6





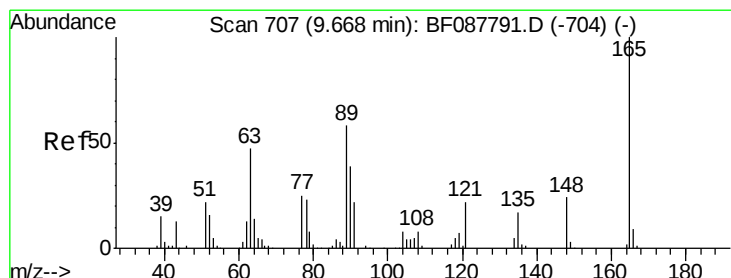
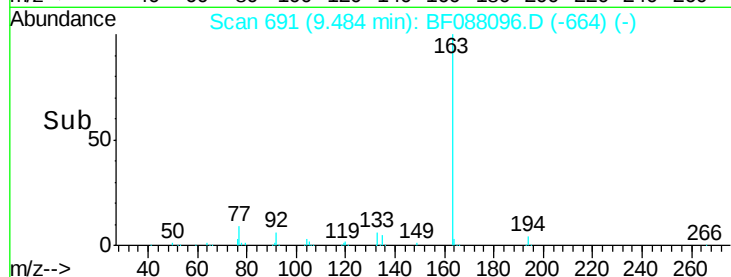
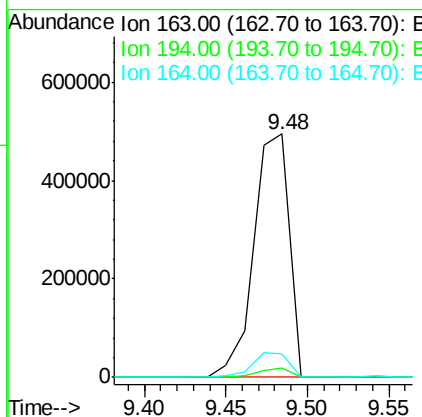
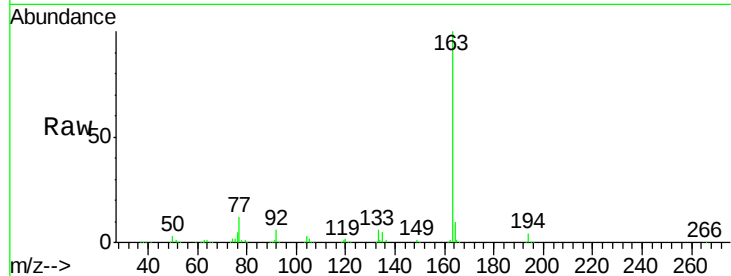
#49
Dimethylphthalate
Concen: 41.23 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	163	Resp:	745742
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.8	4.2
164	9.7	8.3	12.5

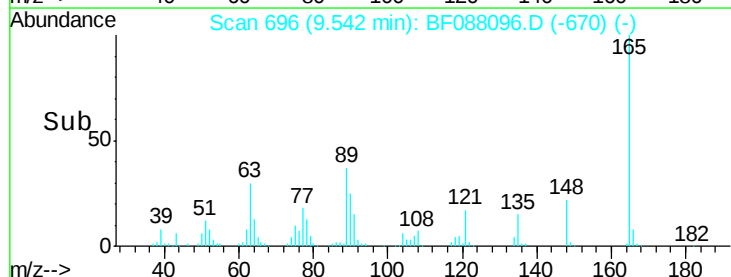
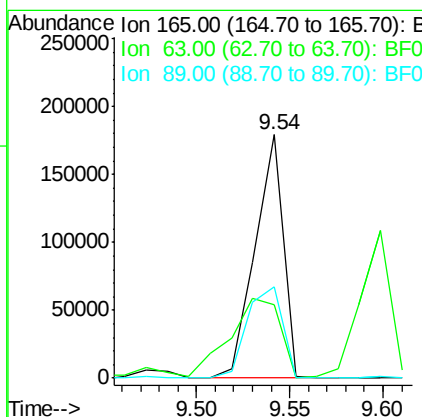
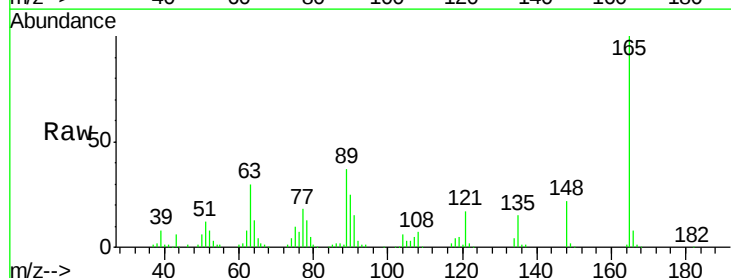
Manual Integrations
APPROVED

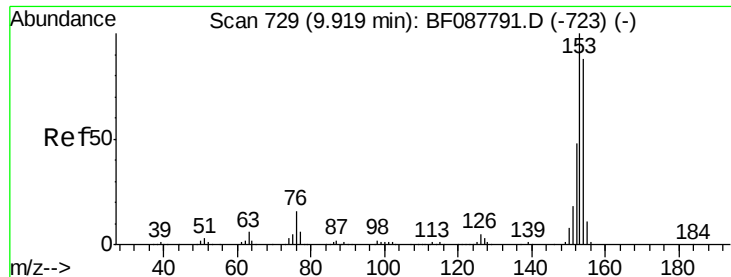
sohil
6/20/2016 6:50:44 PM



#50
2,6-Dinitrotoluene
Concen: 45.08 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion:	165	Resp:	186717
Ion Ratio	Lower	Upper	
165	100		
63	30.2	28.1	42.1
89	37.4	32.2	48.2





#51

Acenaphthene

Concen: 31.12 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

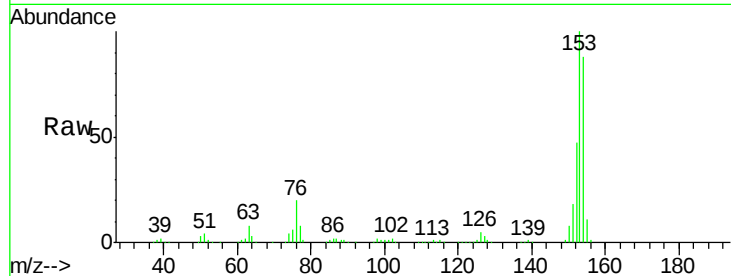
ClientSampleId :

SSTDCCC040

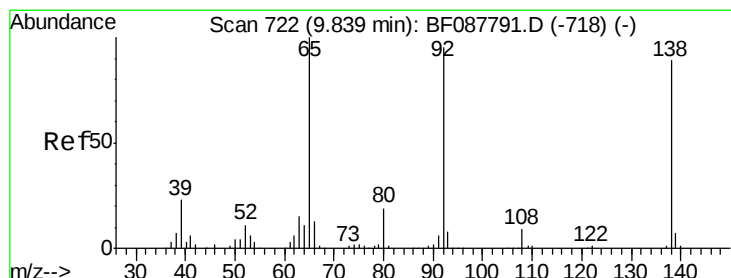
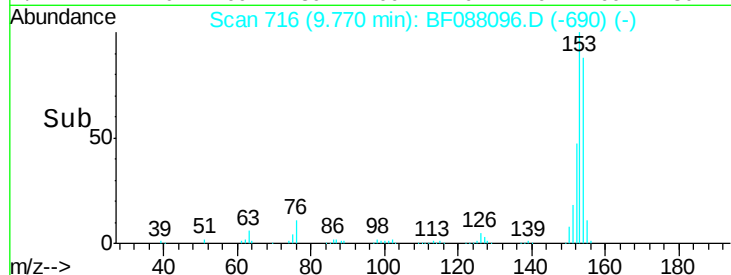
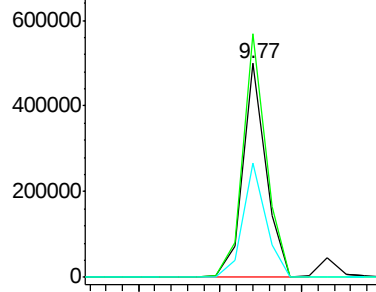
Tot Ion:	154	Resp:	498987
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.5	134.3
152	53.4	42.7	64.1

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



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



#52

3-Nitroaniline

Concen: 36.52 ng

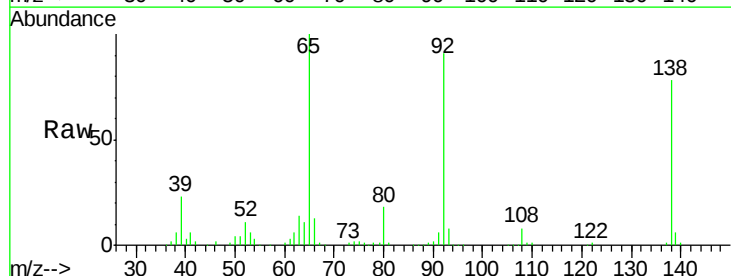
RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

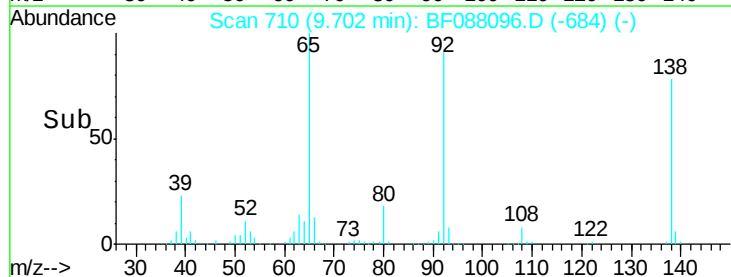
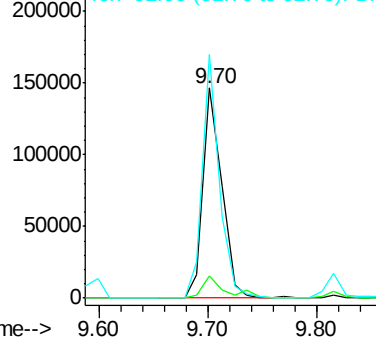
Lab File: BF088096.D

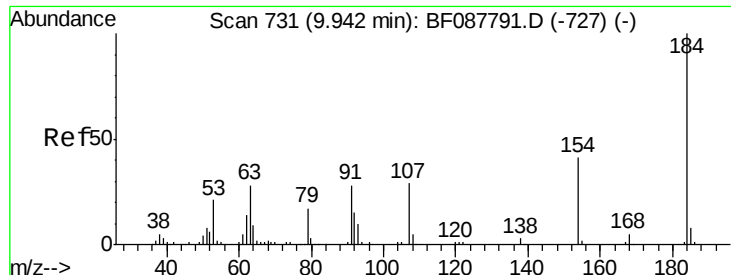
Acq: 17 Jun 2016 16:41

Tgt Ion:	138	Resp:	174569
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.5	12.7
92	116.0	95.7	143.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





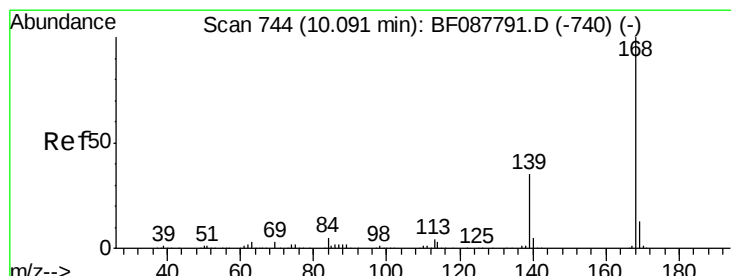
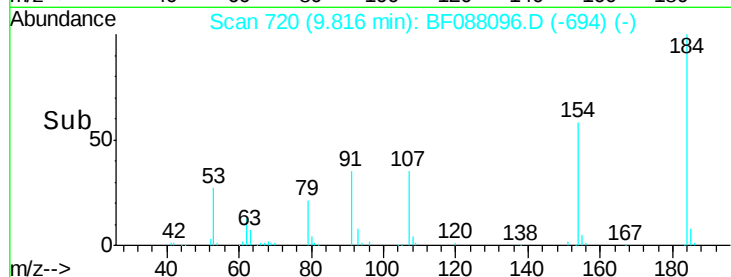
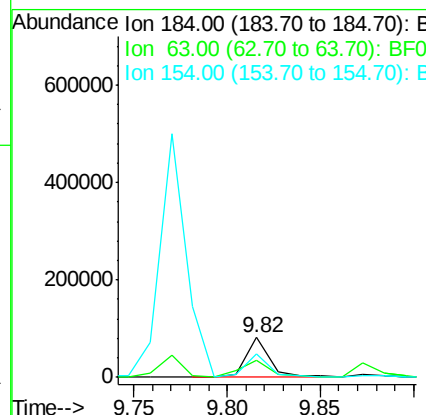
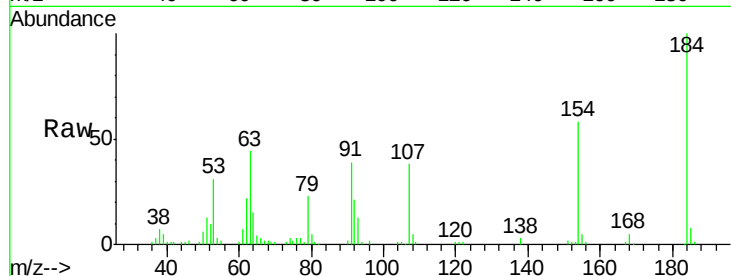
#53
 2,4-Dinitrophenol
 Concen: 38.52 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.7	57.6	86.4#
154	57.9	53.5	80.3

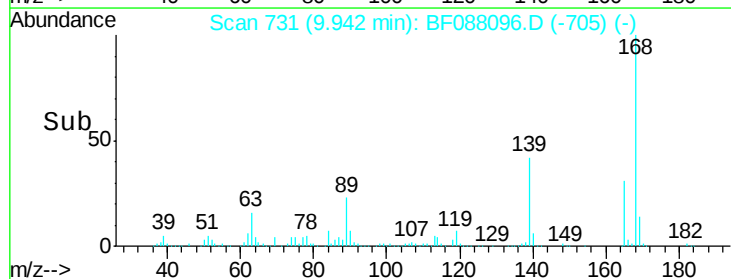
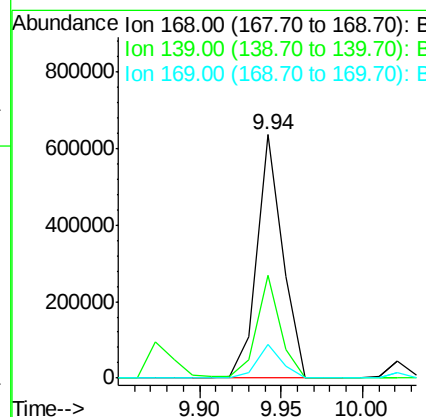
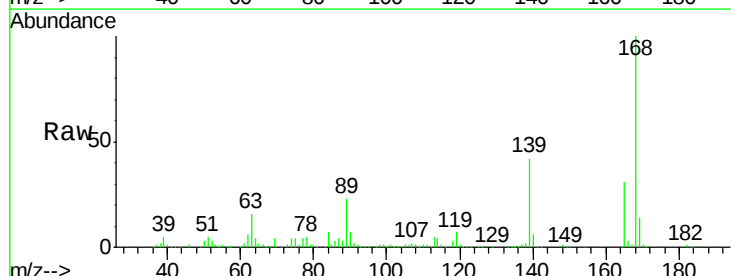
Manual Integrations
 APPROVED

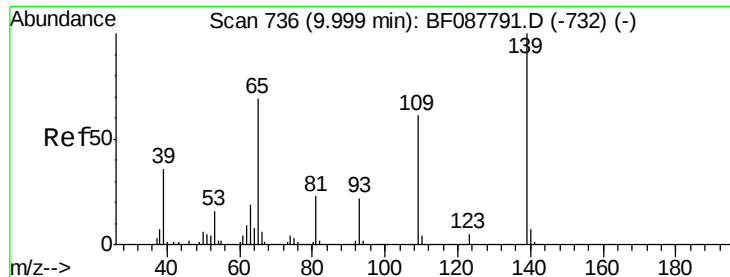
sohil
 6/20/2016 6:50:44 PM



#54
 Dibenzofuran
 Concen: 31.56 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	26.4	39.6#
169	14.1	10.4	15.6





#55

4-Nitrophenol

Concen: 29.05 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

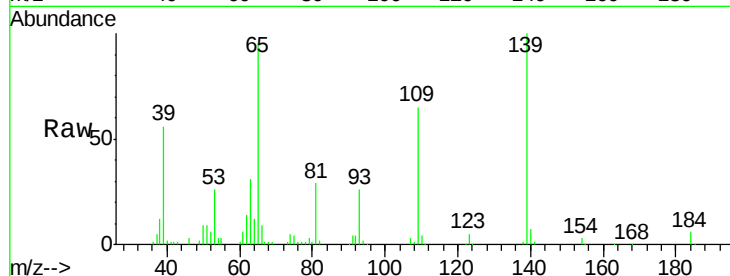
ClientSampleId :

SSTDCCC040

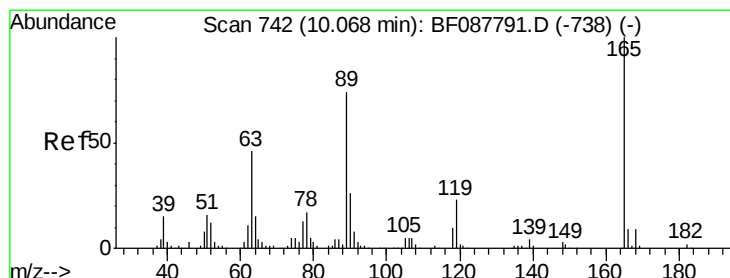
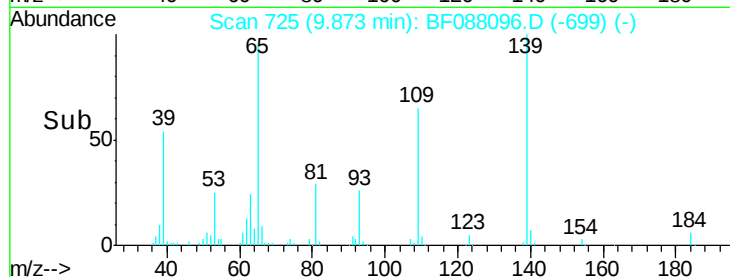
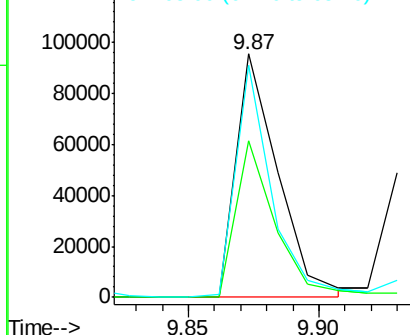
Tot Ion:	139	Resp:	107770
Ion Ratio	Lower	Upper	
139	100		
109	64.5	48.9	88.9
65	95.3	84.9	124.9

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.65 ng

RT: 9.94 min Scan# 731

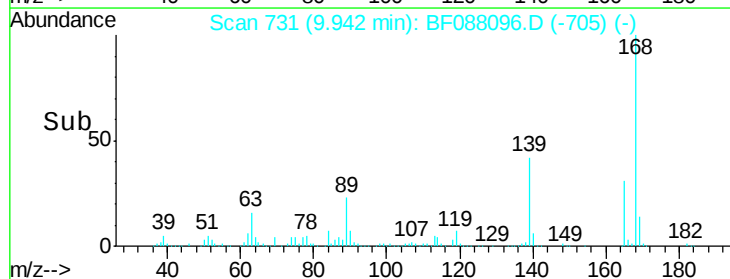
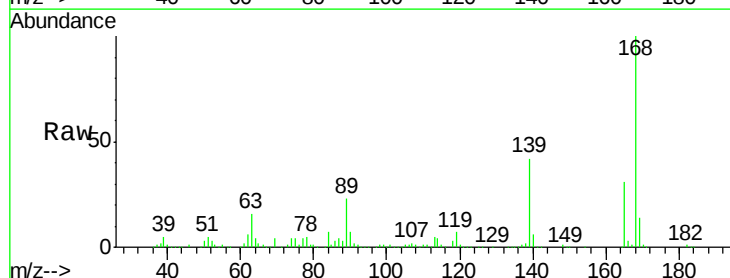
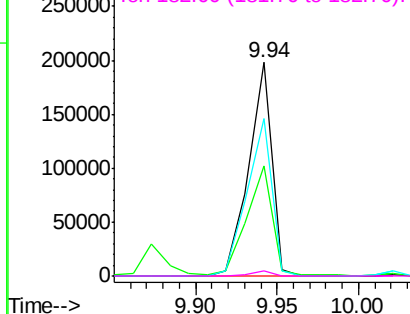
Delta R.T. -0.00 min

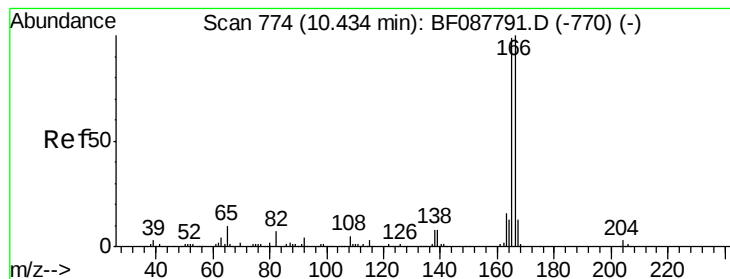
Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	165	Resp:	195092
Ion Ratio	Lower	Upper	
165	100		
63	51.6	22.0	33.0#
89	73.7	41.1	61.7#
182	2.5	2.0	3.0

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.94 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

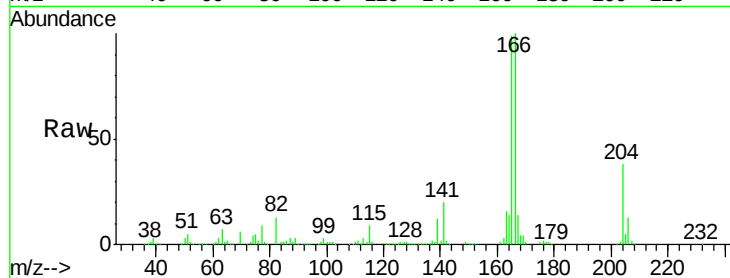
ClientSampleId :

SSTDCCC040

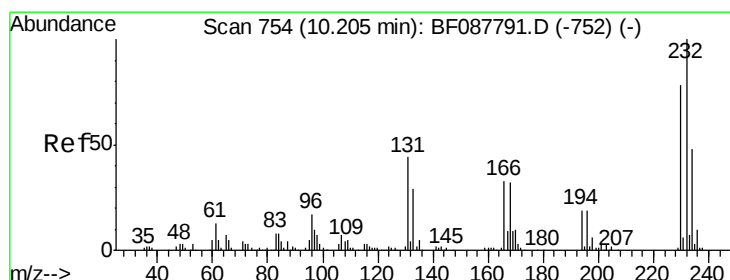
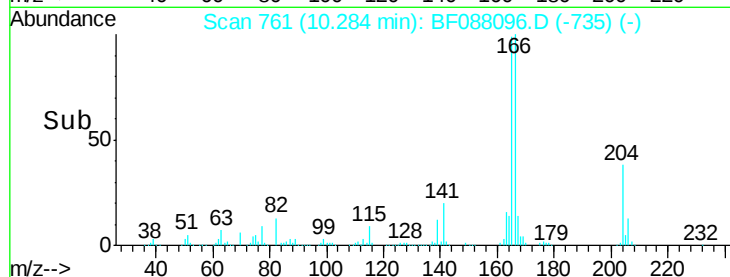
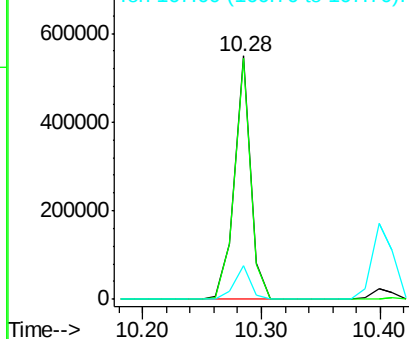
Tot Ion:	166	Resp:	524163
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.8	116.8
167	13.9	11.2	16.8

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.72 ng

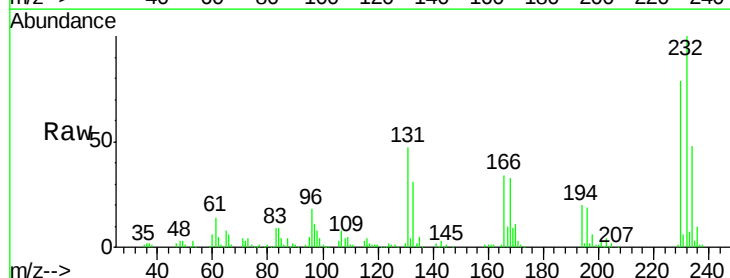
RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

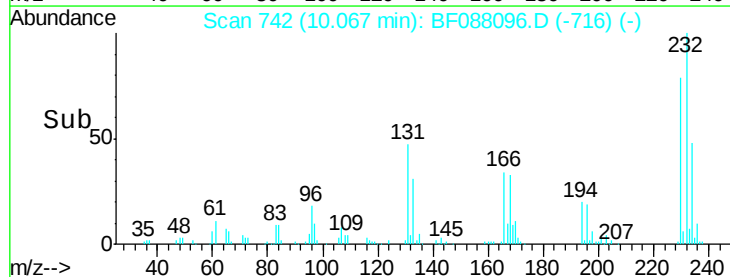
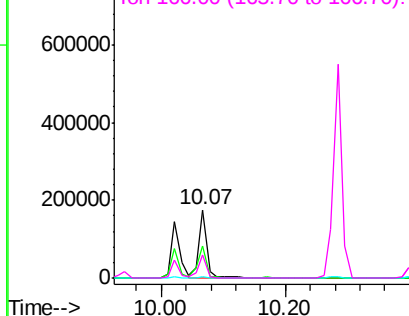
Lab File: BF088096.D

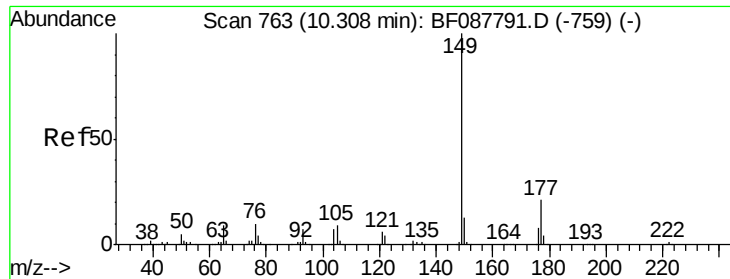
Acq: 17 Jun 2016 16:41

Tgt Ion:	232	Resp:	162153
Ion Ratio	Lower	Upper	
232	100		
131	50.5	0.9	1.3#
130	2.5	1.5	2.3#
166	33.2	0.5	0.7#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





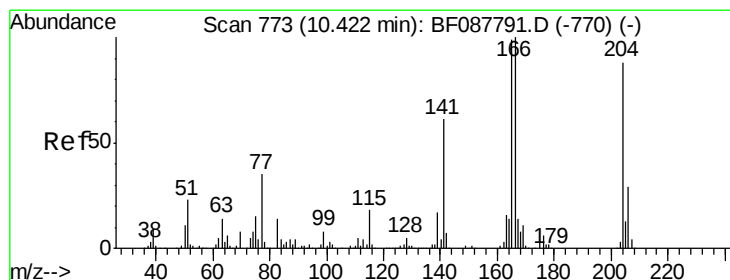
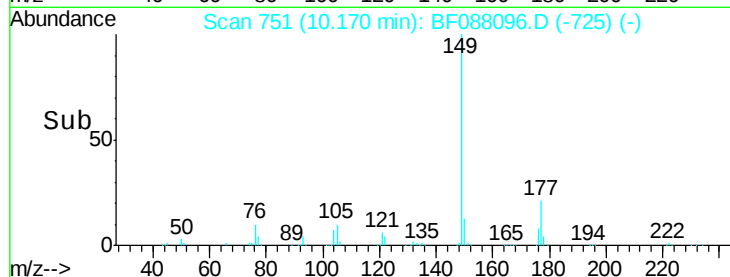
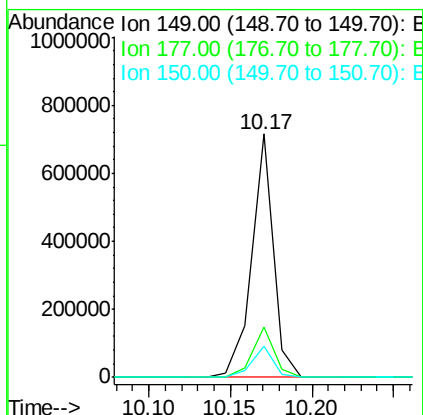
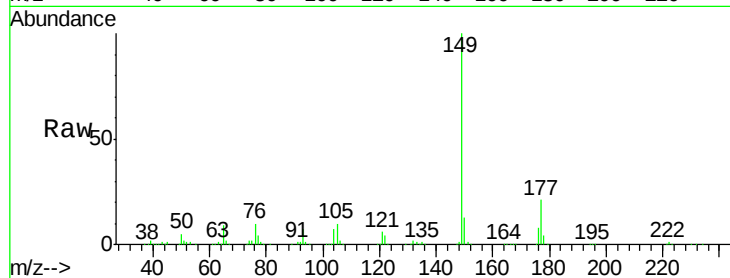
#59
Diethylphthalate
Concen: 36.00 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	659171		
177	20.6	16.9	25.3	
150	12.9	10.1	15.1	

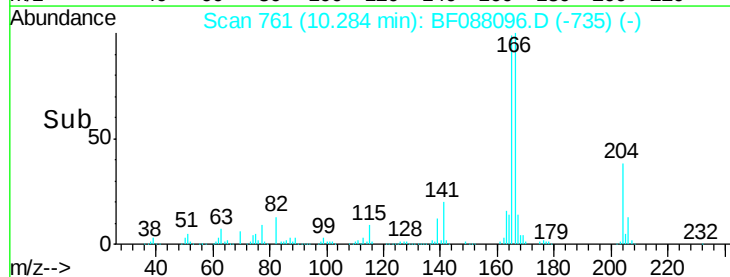
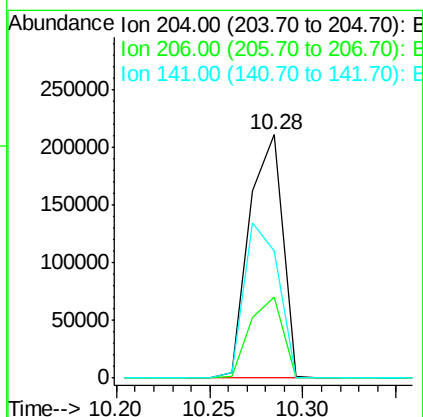
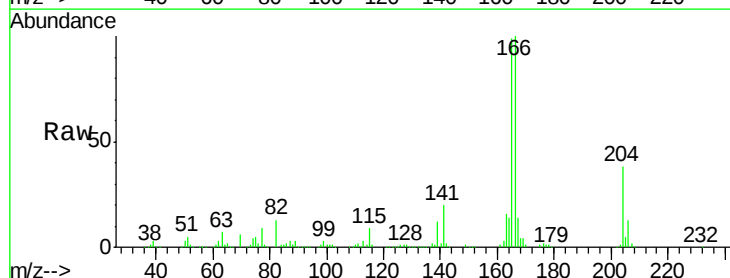
Manual Integrations
APPROVED

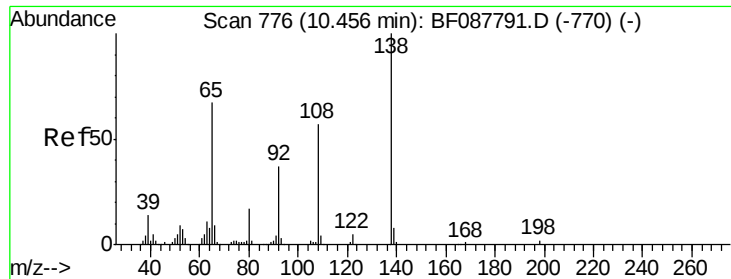
sohil
6/20/2016 6:50:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.49 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	260606		
206	33.5	26.3	39.5	
141	52.0	55.0	82.6	





#61

4-Nitroaniline

Concen: 36.98 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

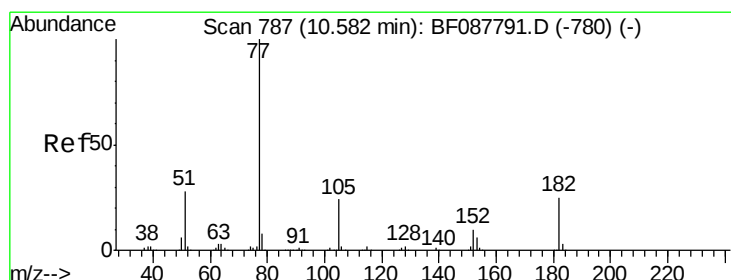
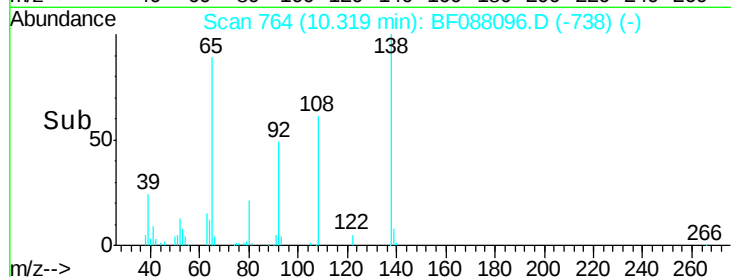
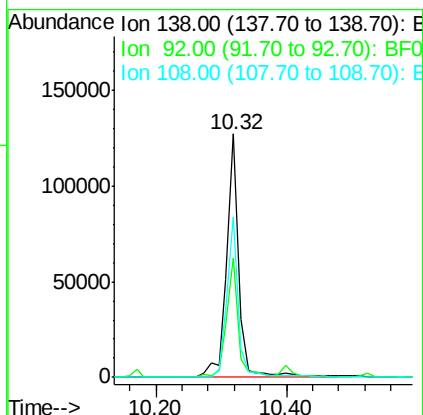
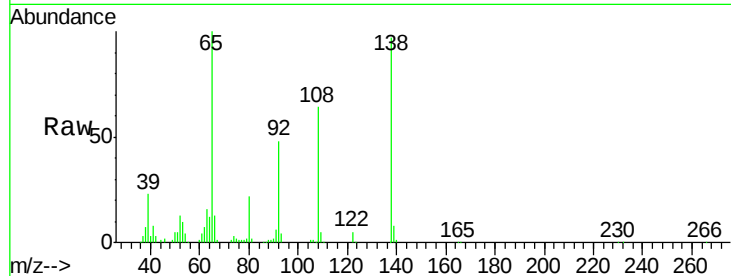
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	167658
Ion	Ratio	Lower	Upper
138	100		
92	48.9	27.3	67.3
108	65.9	46.7	86.7

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#62

Azobenzene

Concen: 39.13 ng

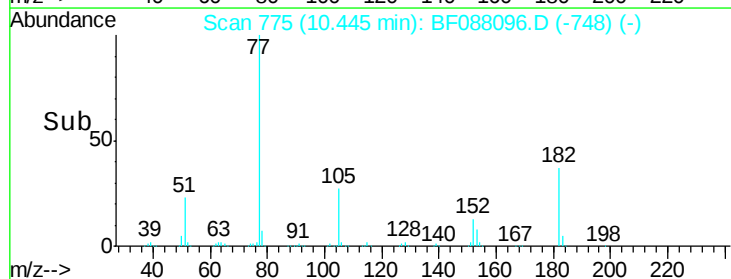
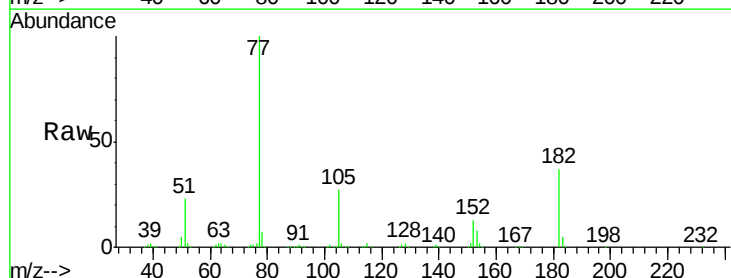
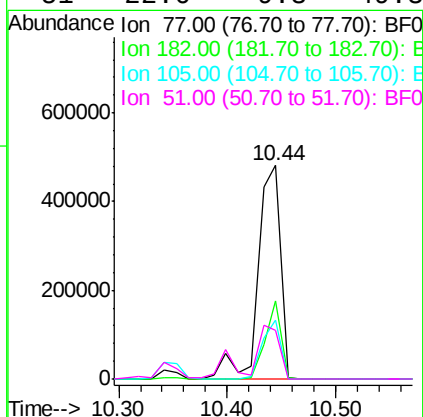
RT: 10.44 min Scan# 775

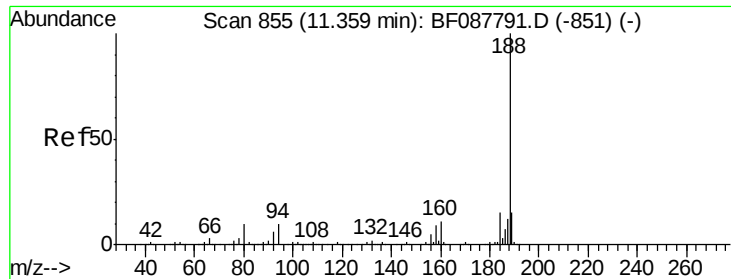
Delta R.T. 0.01 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	77	Resp:	708381
Ion	Ratio	Lower	Upper
77	100		
182	36.6	4.4	44.4
105	27.5	3.8	43.8
51	22.6	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

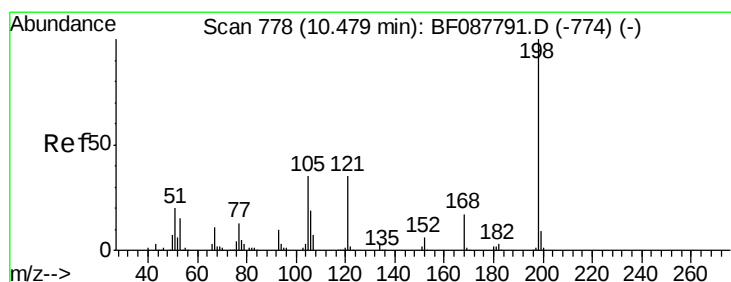
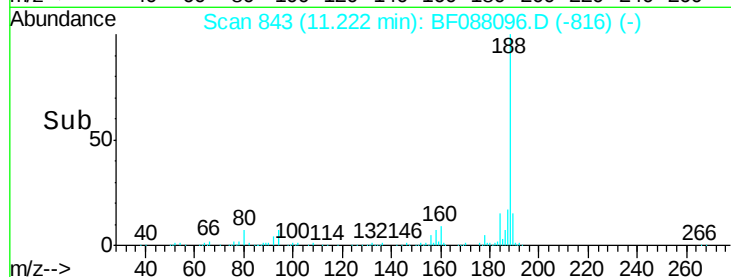
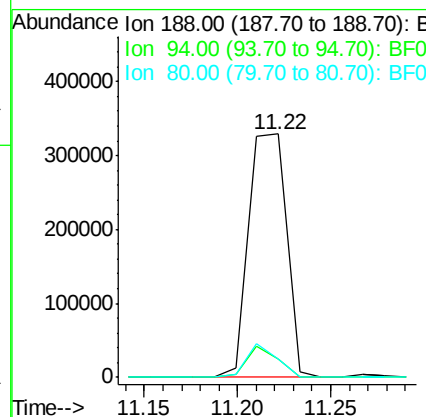
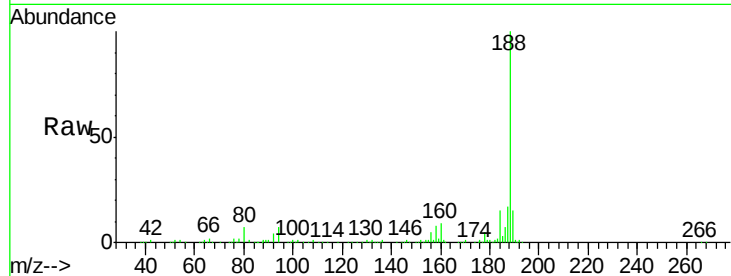
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	464170
Ion Ratio	Lower	Upper	
188	100		
94	7.4	9.0	13.6#
80	7.5	10.0	15.0#

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.71 ng

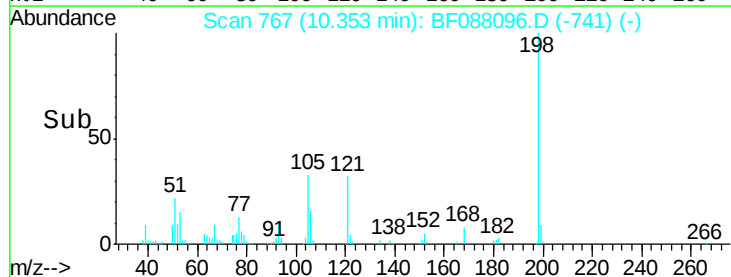
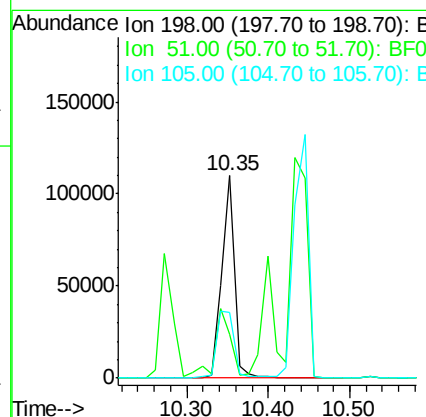
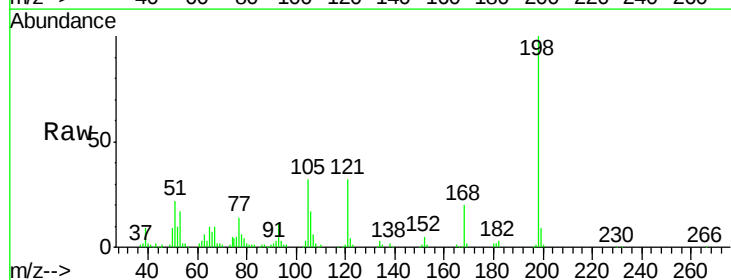
RT: 10.35 min Scan# 767

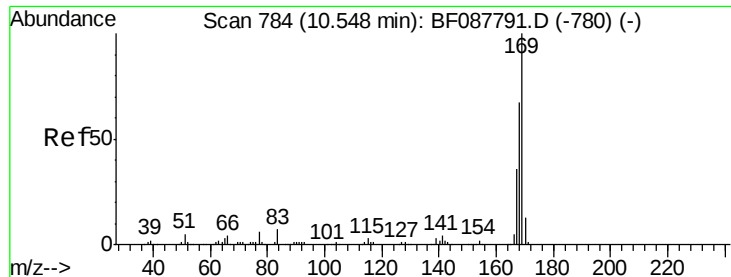
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	198	Resp:	120019
Ion Ratio	Lower	Upper	
198	100		
51	21.7	39.6	79.6#
105	32.2	36.6	76.6#





#65

n-Nitrosodiphenylamine

Concen: 37.04 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

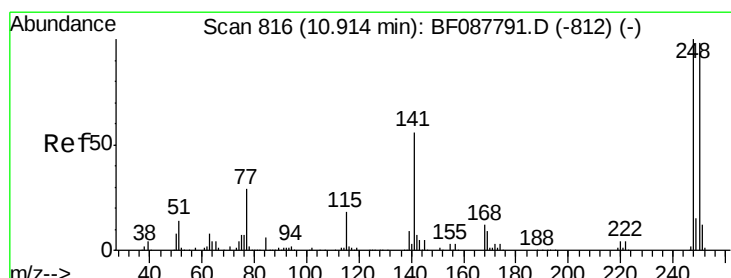
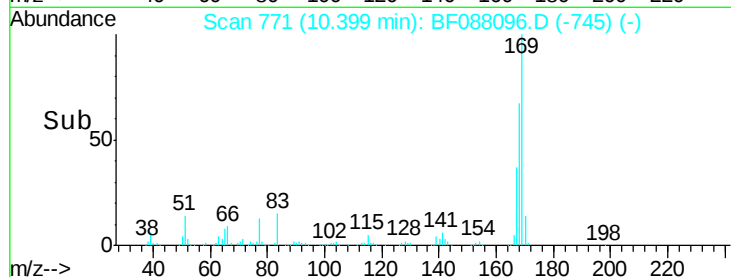
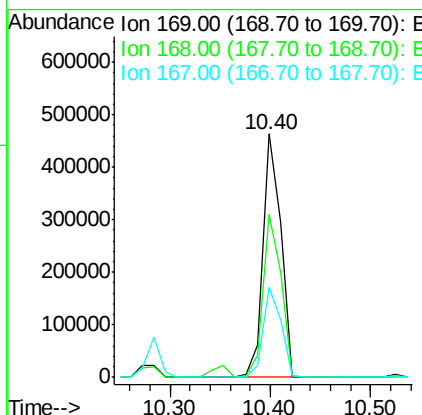
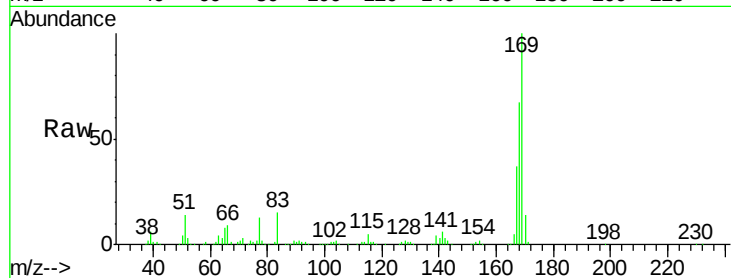
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	570460
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.4	80.0
167	36.8	29.4	44.0

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#66

4-Bromophenyl-phenylether

Concen: 34.35 ng

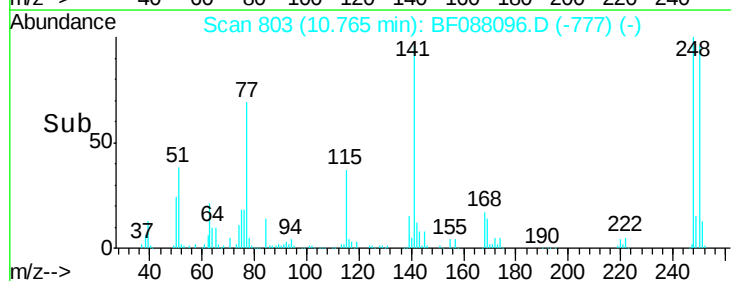
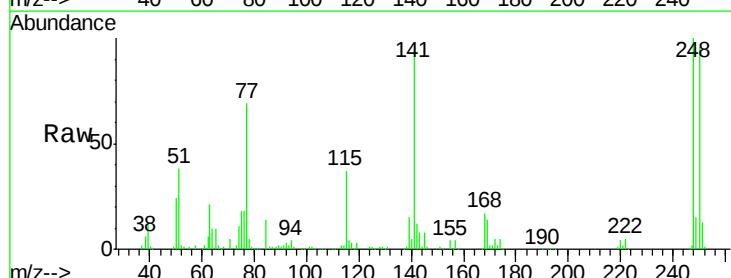
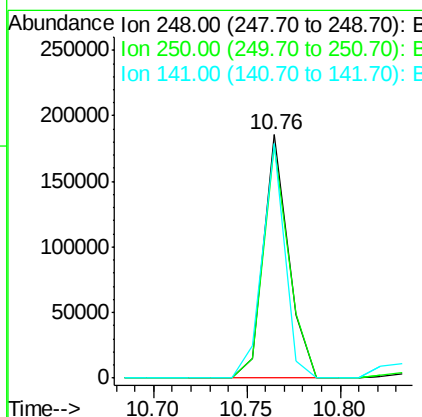
RT: 10.76 min Scan# 803

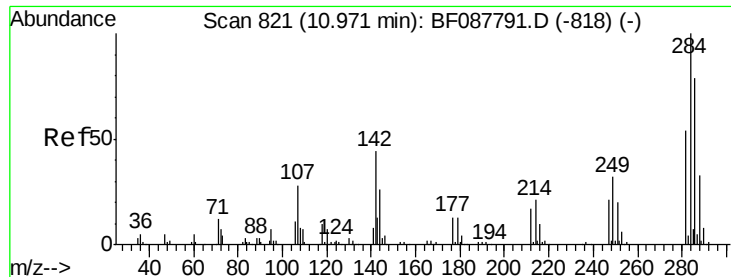
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	248	Resp:	171056
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.1	115.7
141	96.4	50.6	76.0#





#67

Hexachlorobenzene

Concen: 38.46 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

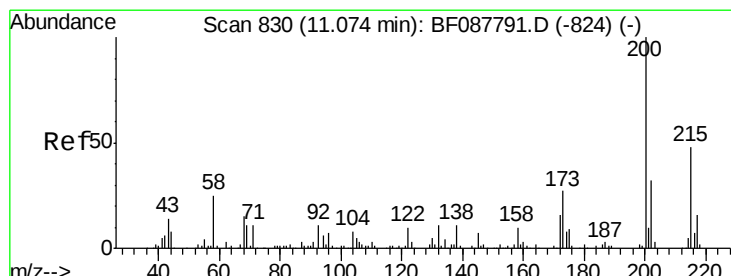
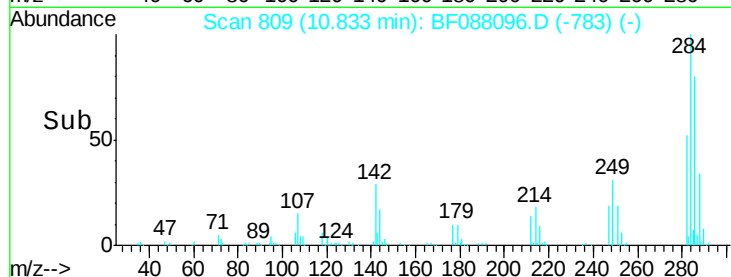
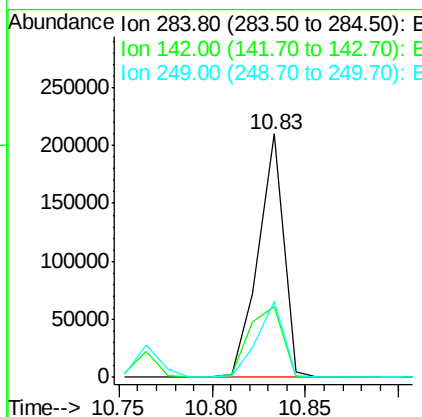
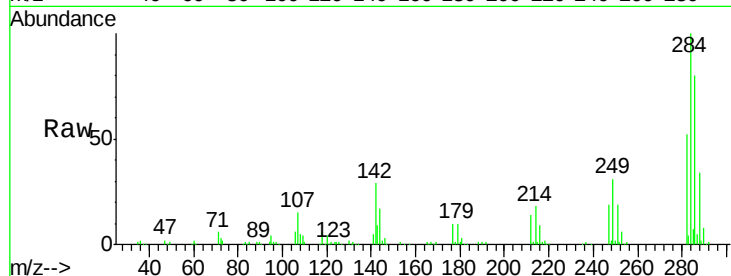
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	198977
Ion Ratio	Lower	Upper	
284	100		
142	29.2	35.8	53.8#
249	31.0	25.8	38.6

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#68

Atrazine

Concen: 36.44 ng

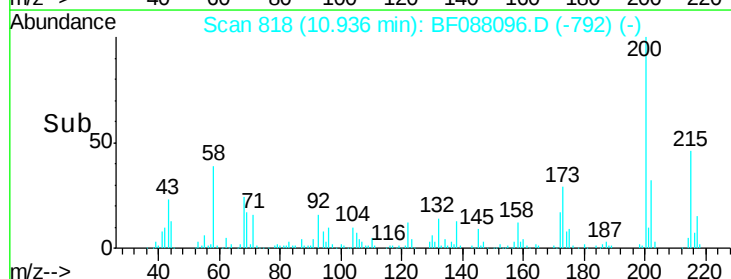
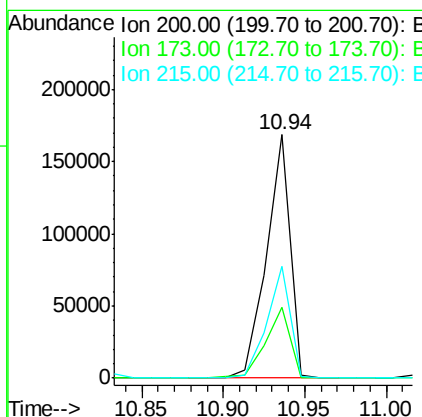
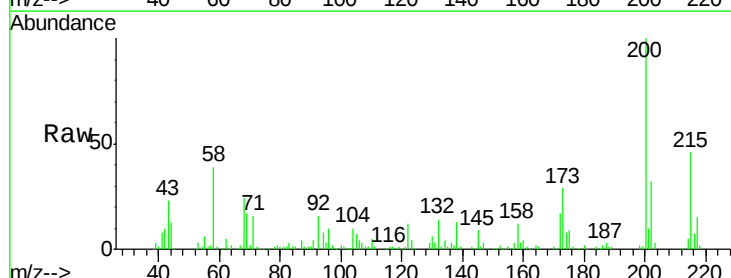
RT: 10.94 min Scan# 818

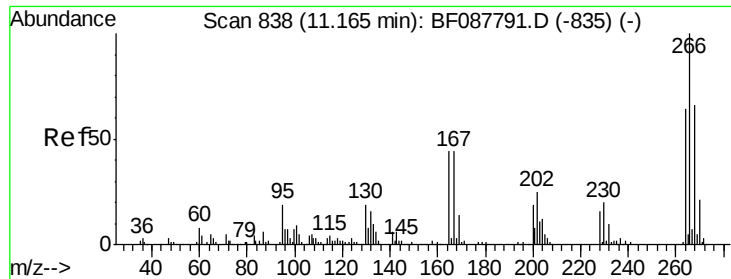
Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	200	Resp:	169961
Ion Ratio	Lower	Upper	
200	100		
173	29.1	4.0	44.0
215	45.8	29.3	69.3





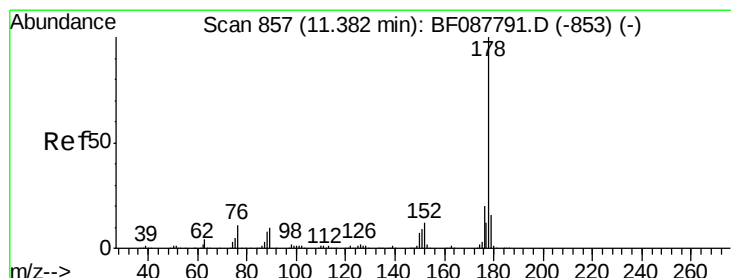
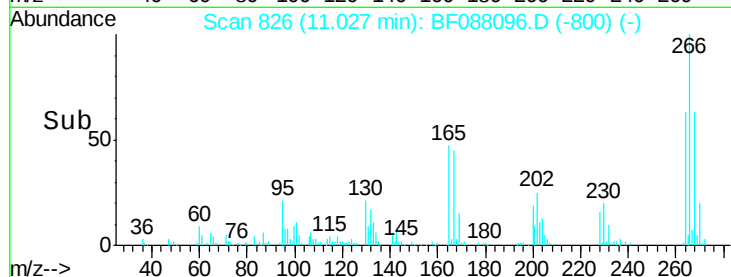
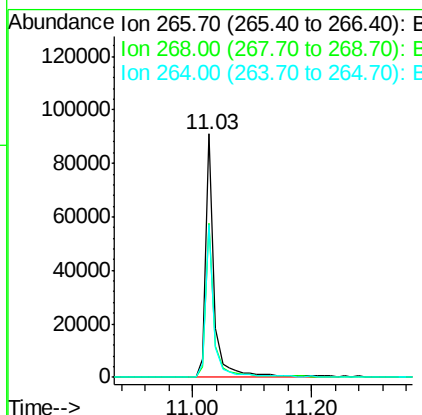
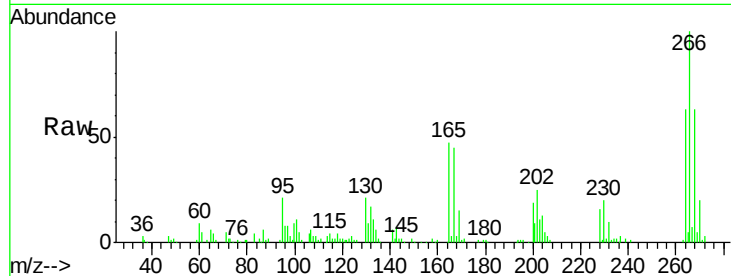
#69
 Pentachlorophenol
 Concen: 34.90 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.8	79.2
264	62.9	49.6	74.4

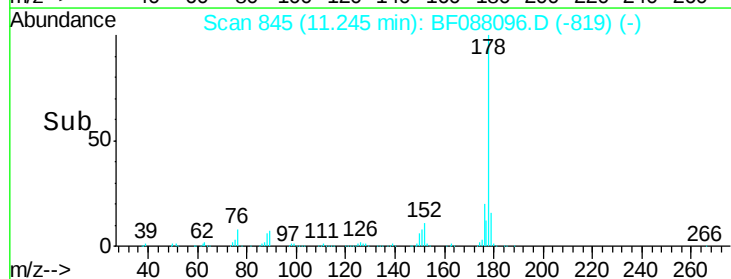
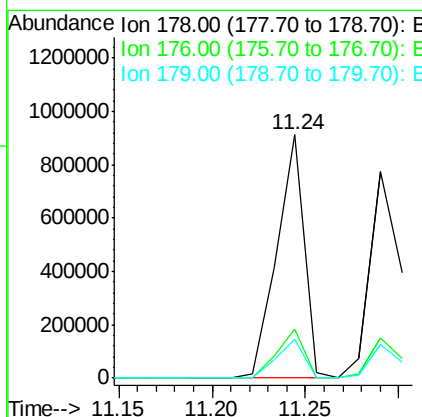
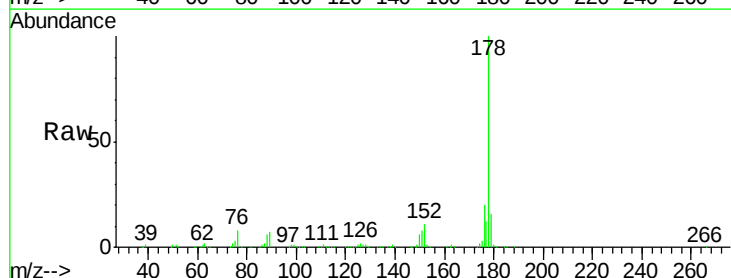
Manual Integrations
 APPROVED

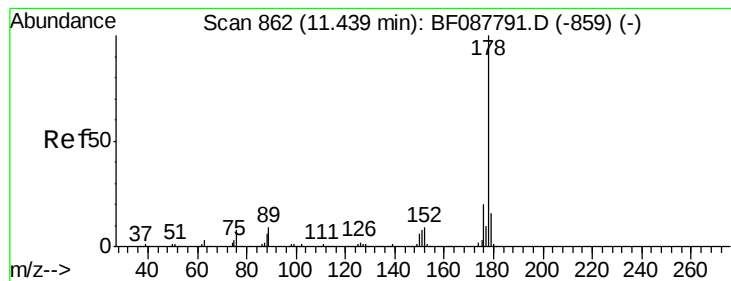
sohil
 6/20/2016 6:50:44 PM



#70
 Phenanthrene
 Concen: 38.34 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	15.8	13.0	19.4





#71

Anthracene

Concen: 34.89 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

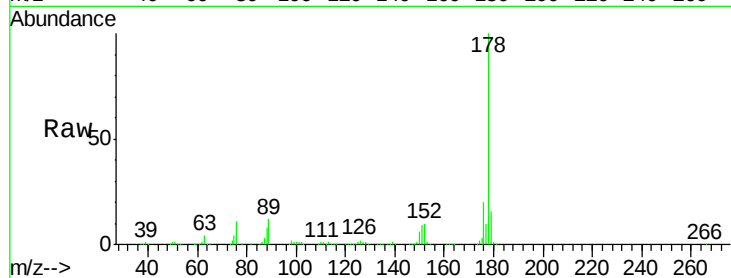
ClientSampleId :

SSTDCCC040

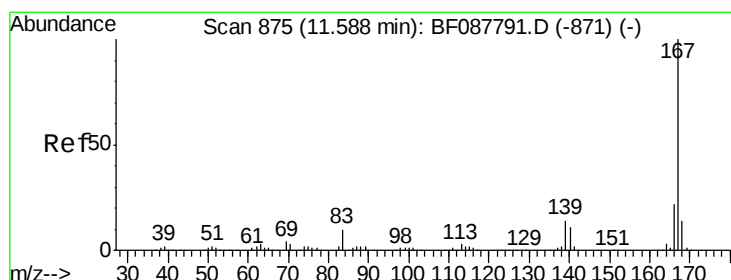
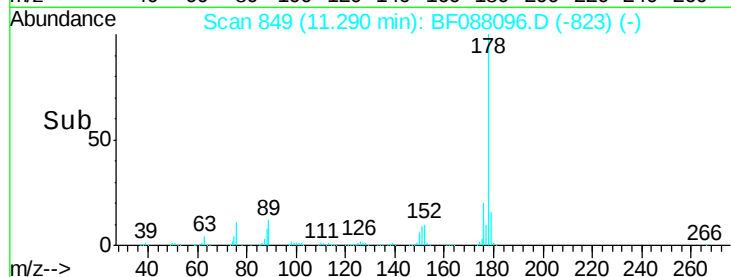
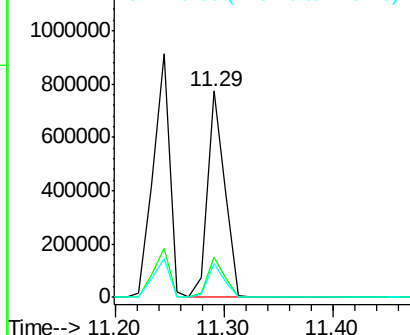
Tot Ion:	178	Resp:	857275
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.6	23.4
179	16.3	12.8	19.2

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



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



#72

Carbazole

Concen: 34.84 ng

RT: 11.45 min Scan# 863

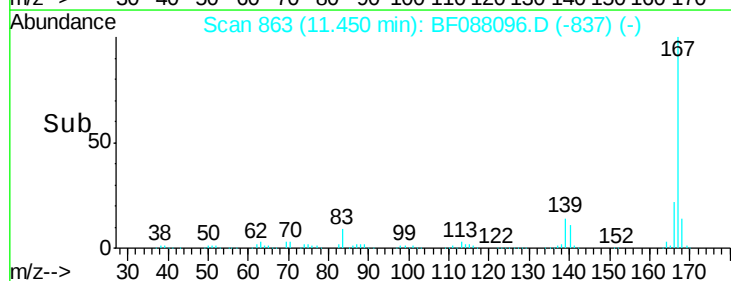
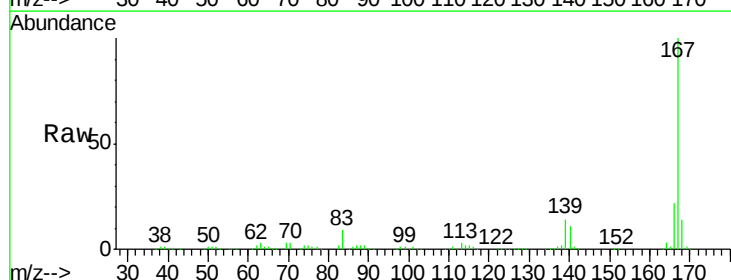
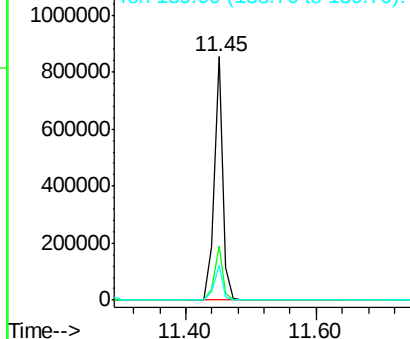
Delta R.T. -0.00 min

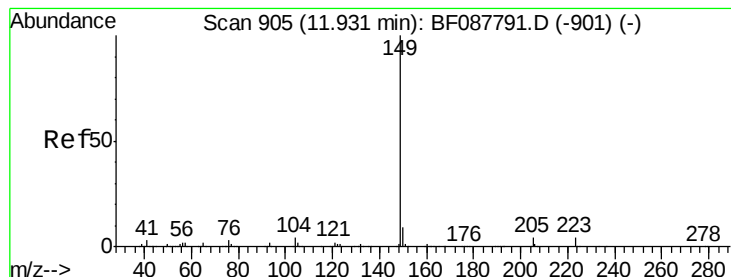
Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	167	Resp:	800920
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.8	26.6
139	14.2	11.2	16.8

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





#73

Di-n-butylphthalate

Concen: 35.48 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1032630

Ion Ratio Lower Upper

149 100

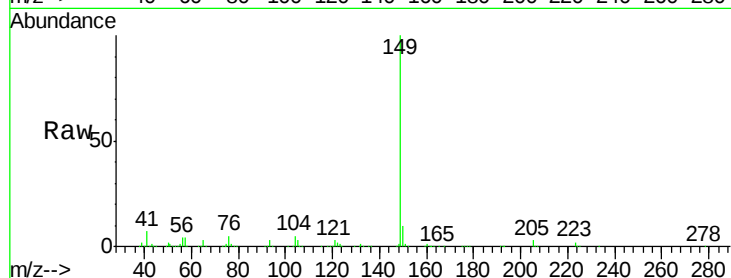
150 9.8 7.8 11.6

104 5.2 4.0 6.0

Manual Integrations
APPROVED

sohil

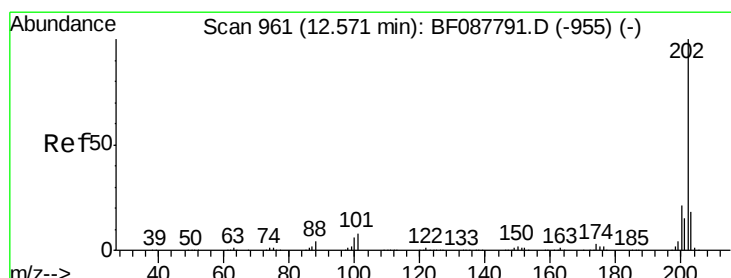
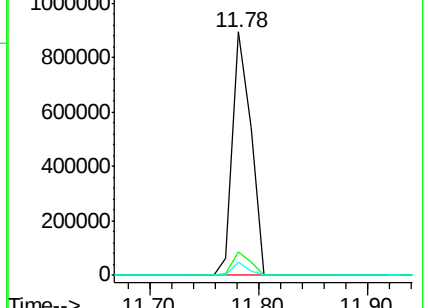
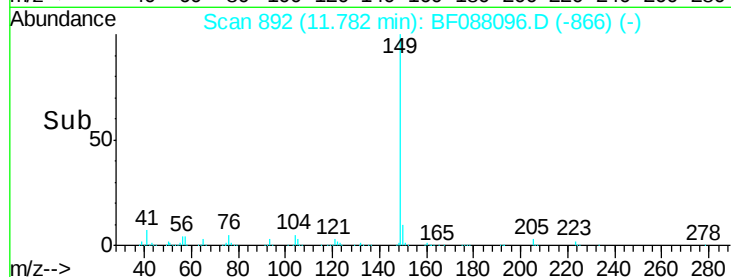
6/20/2016 6:50:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.41 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

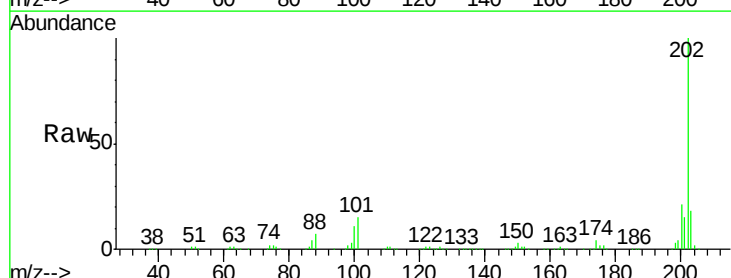
Tgt Ion:202 Resp: 807414

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.1

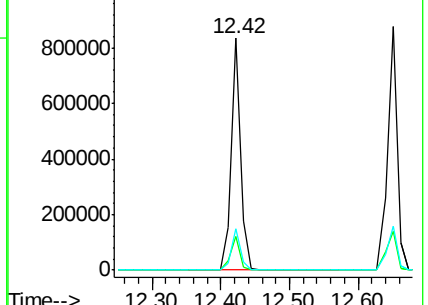
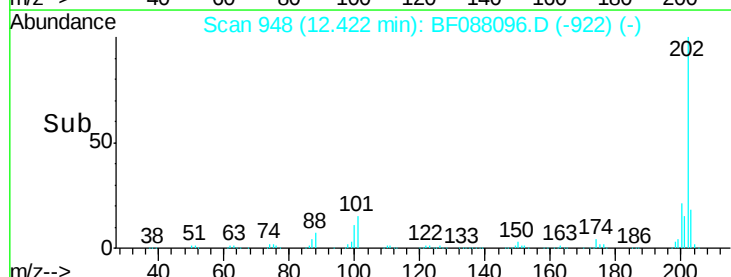
203 18.0 0.0 38.1

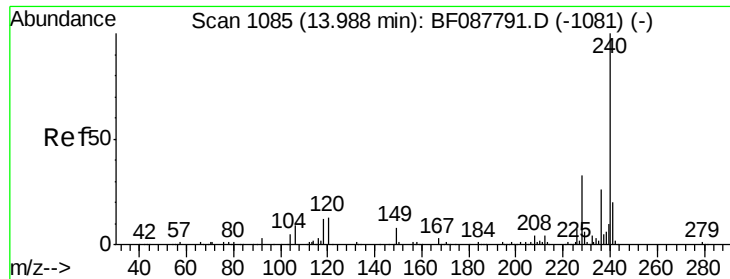


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





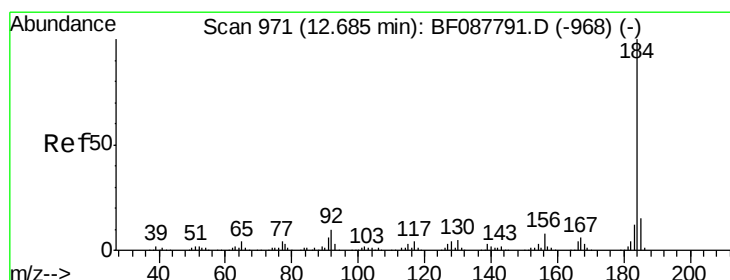
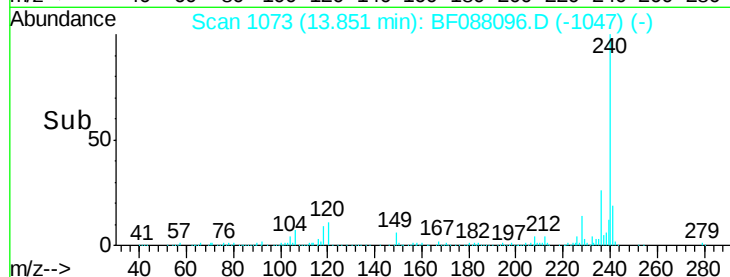
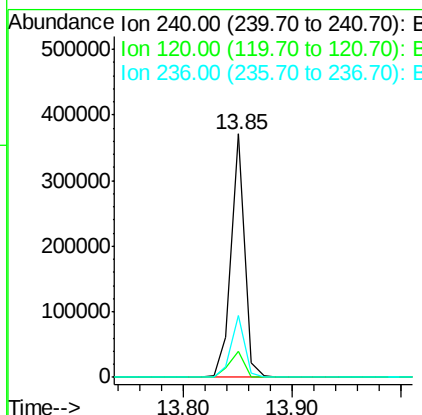
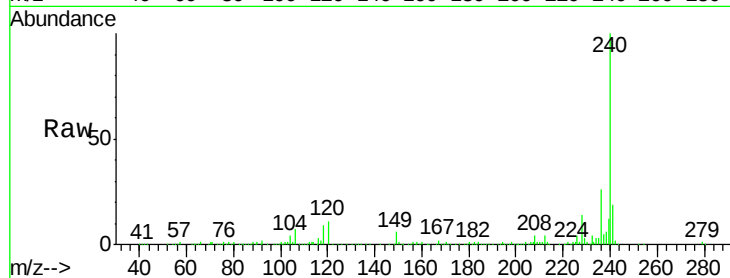
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.8	10.2
236	25.6	20.2	30.2

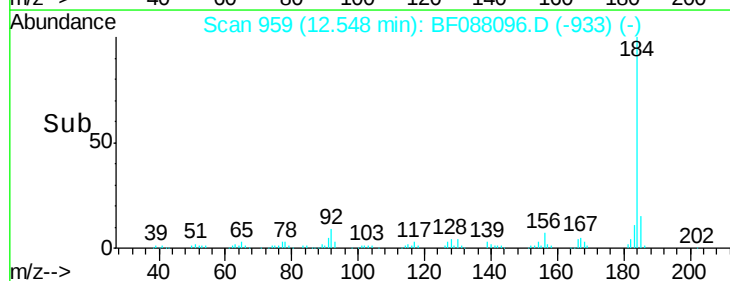
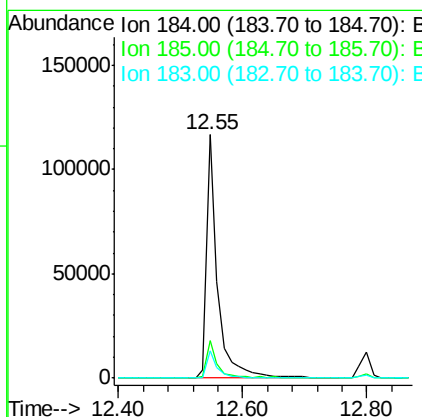
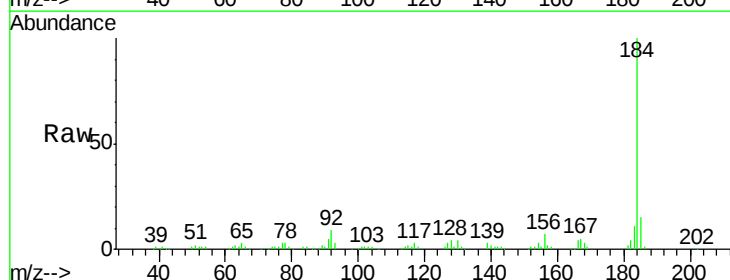
Manual Integrations
APPROVED

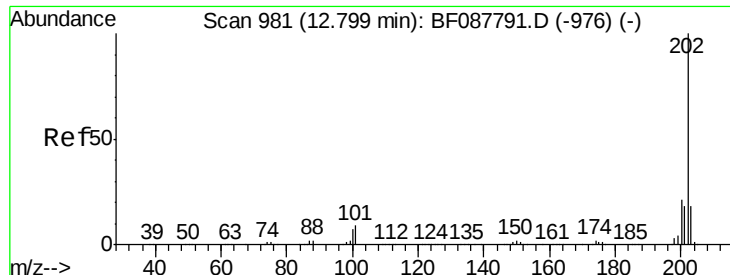
sohil
6/20/2016 6:50:44 PM



#76
Benzidine
Concen: 16.41 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.5	18.7
183	11.3	9.3	13.9





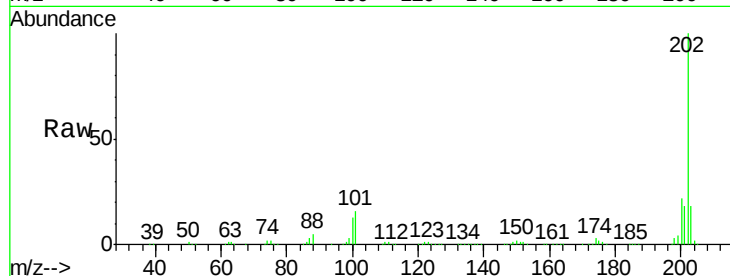
#77
Pvrene
Concen: 36.43 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

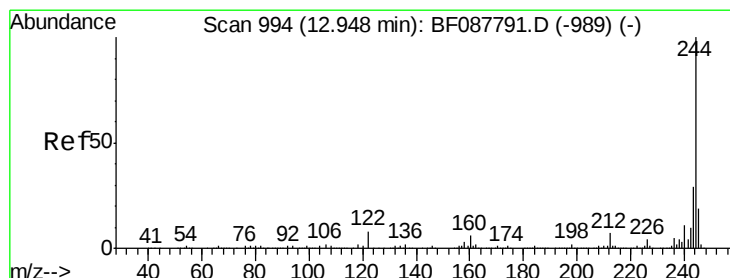
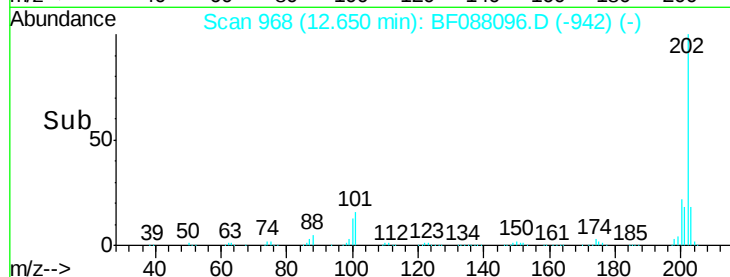
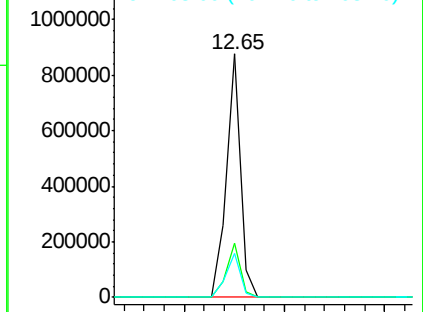
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.1	14.5	21.7

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM

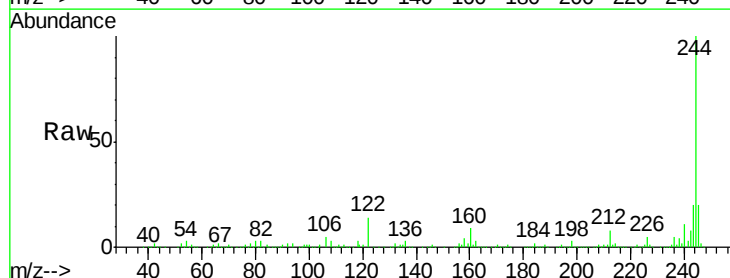


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

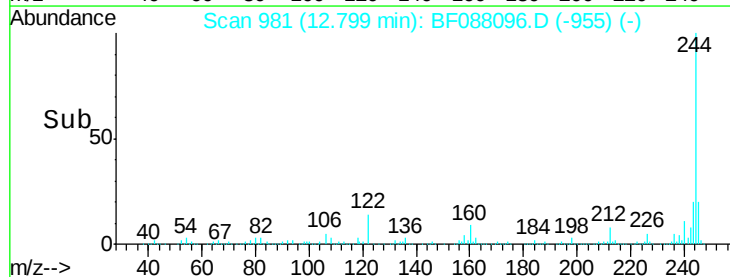
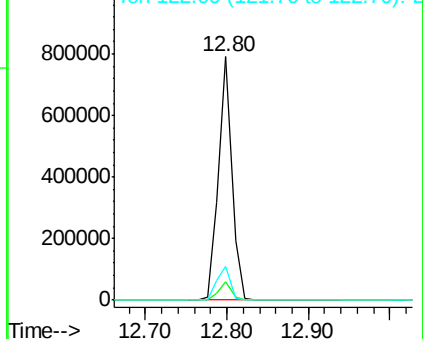


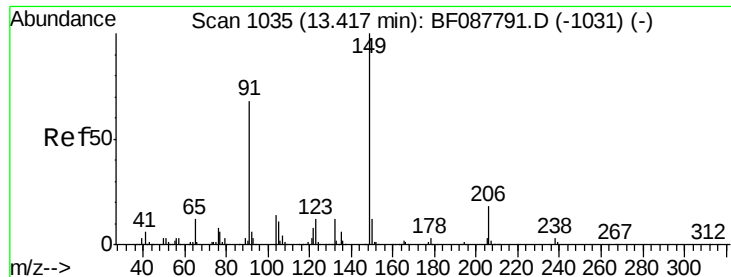
#78
Terphenyl-d14
Concen: 64.92 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.8	11.2	16.8



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





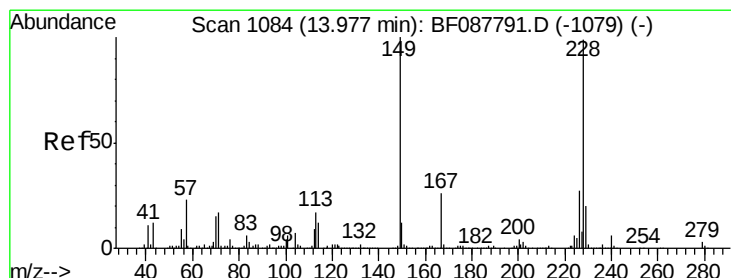
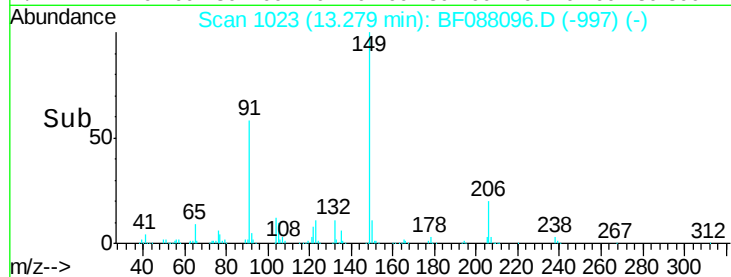
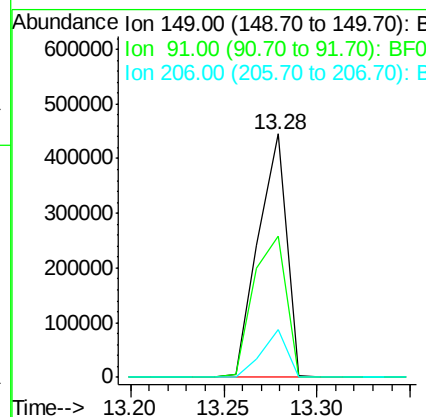
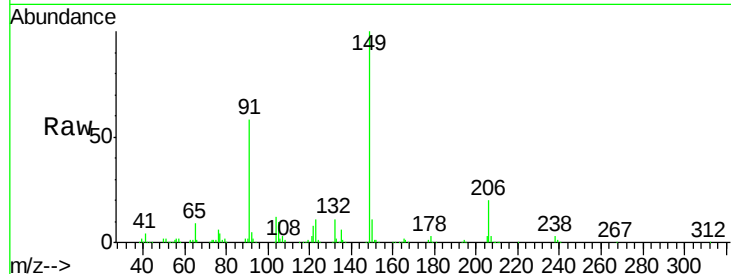
#79
Butylbenzylphthalate
Concen: 46.07 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	149	Resp:	478297
Ion Ratio	Lower	Upper	
149	100		
91	58.0	48.0	72.0
206	19.8	16.0	24.0

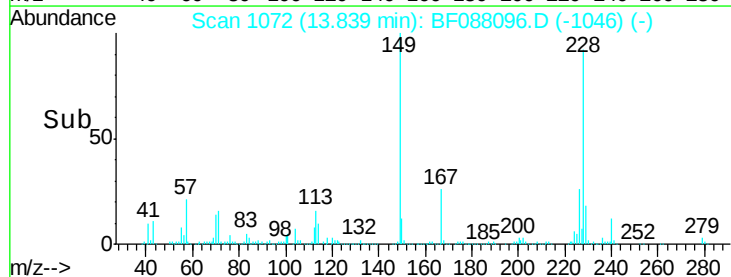
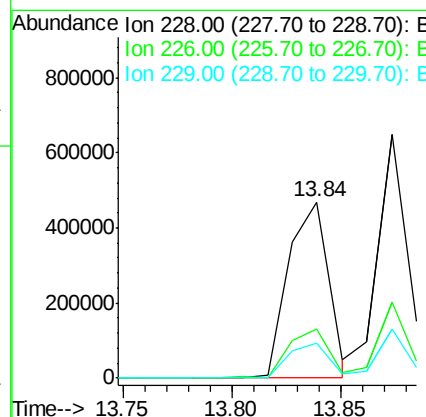
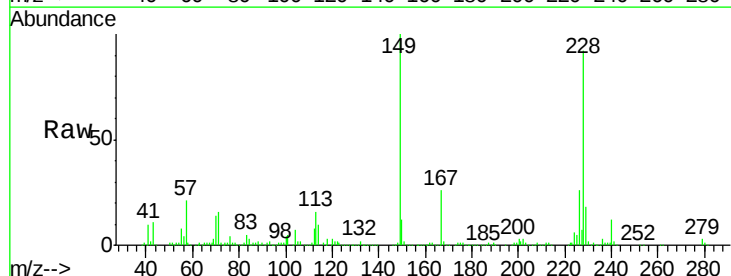
Manual Integrations
APPROVED

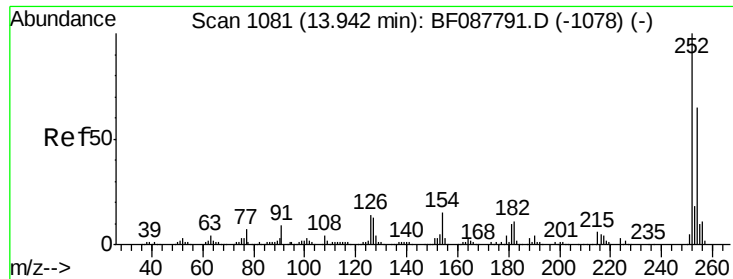
sohil
6/20/2016 6:50:44 PM



#80
Benzo(a)anthracene
Concen: 33.95 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion:	228	Resp:	612281
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.3	33.5
229	19.6	16.0	24.0





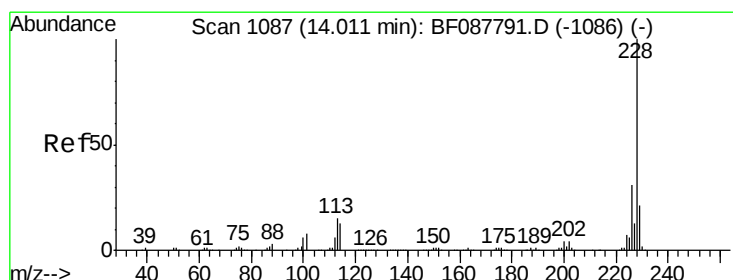
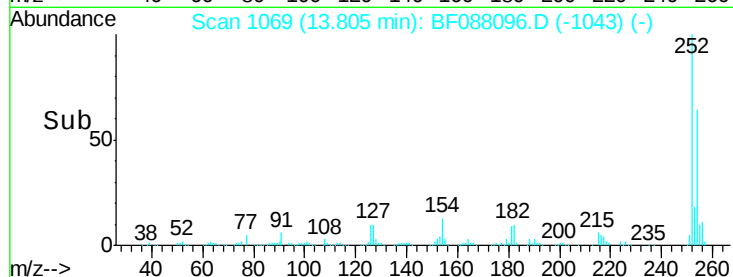
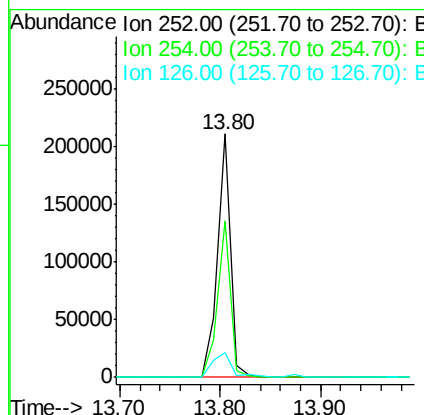
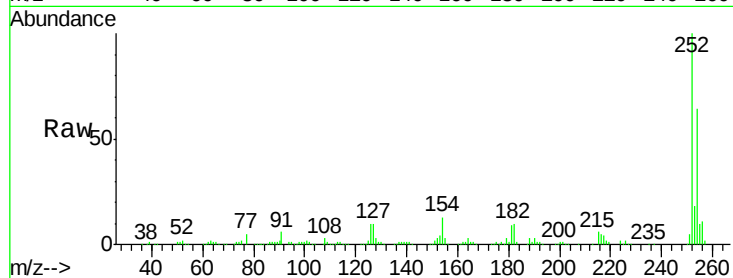
#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 13.80 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	10.3	6.2	9.2

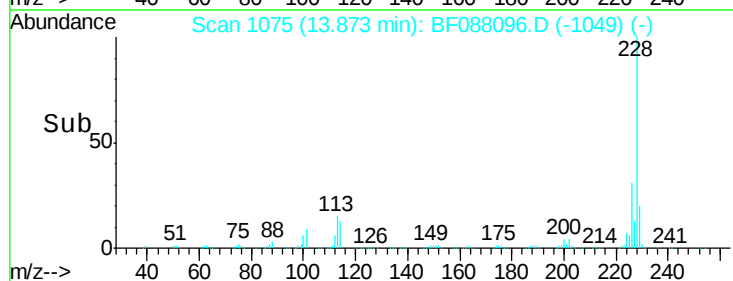
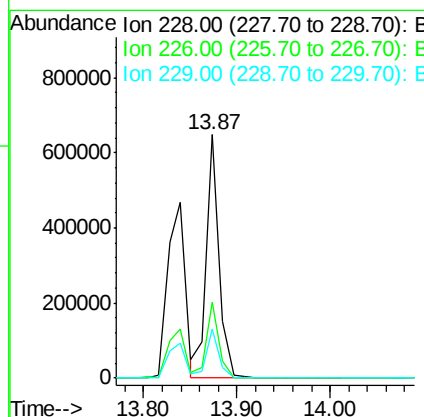
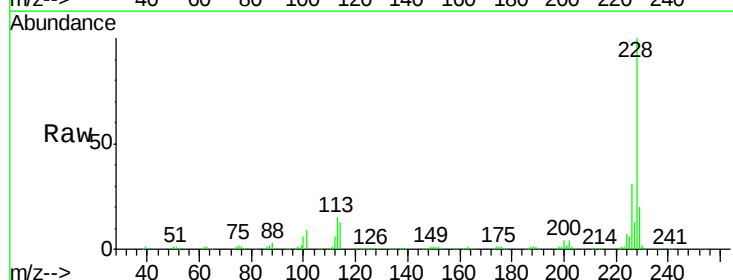
Manual Integrations
 APPROVED

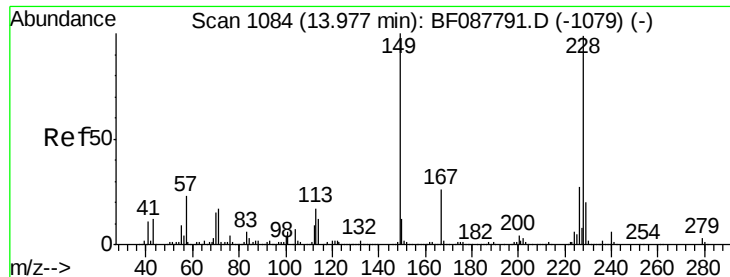
sohil
 6/20/2016 6:50:44 PM



#82
 Chrysene
 Concen: 36.95 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.49 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 511668

Ion Ratio Lower Upper

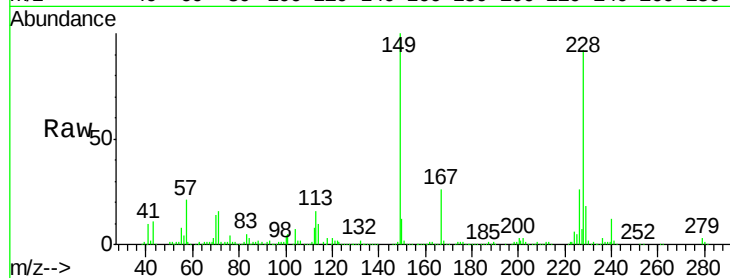
149 100

167 26.1 20.5 30.7

279 3.5 2.0 3.0#

Manual Integrations
APPROVED

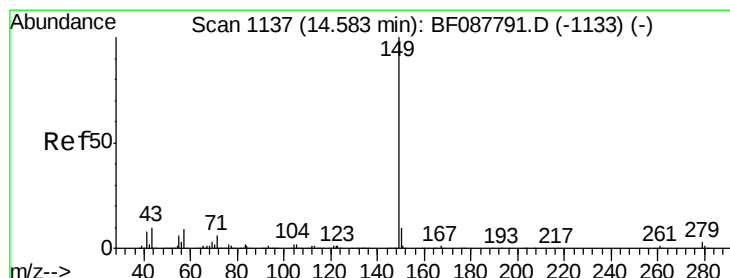
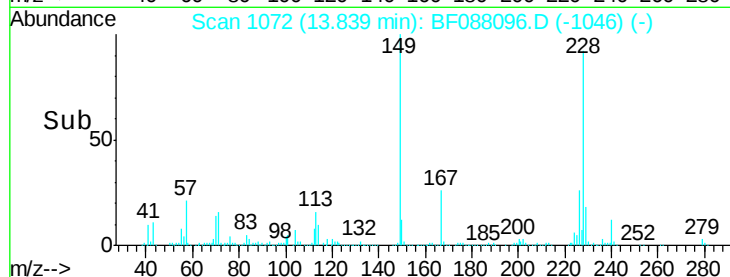
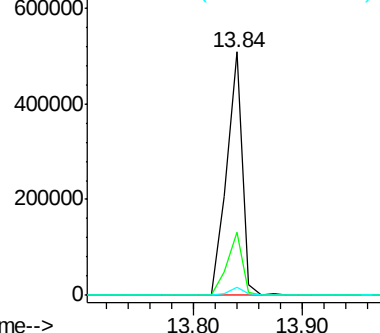
sohil
6/20/2016 6:50:44 PM



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: 43.28 ng

RT: 14.44 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

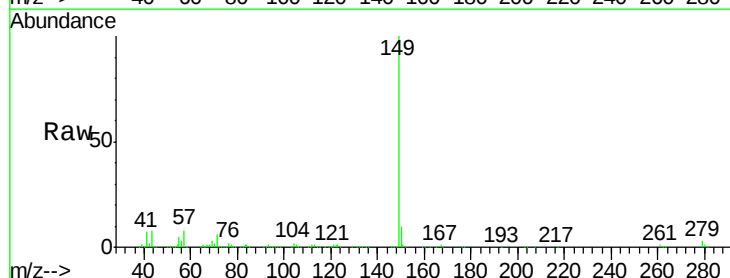
Tgt Ion:149 Resp: 888742

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

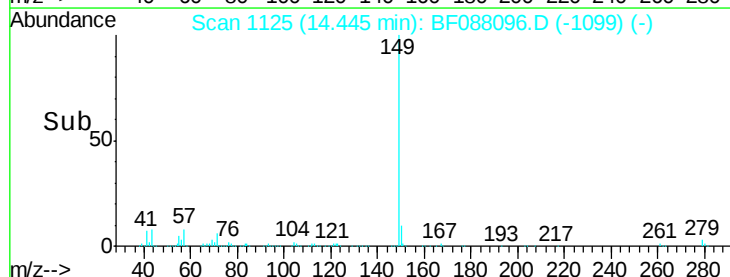
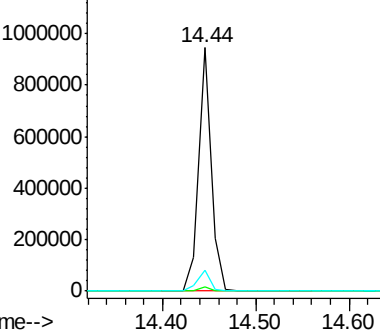
43 8.6 0.0 0.0#

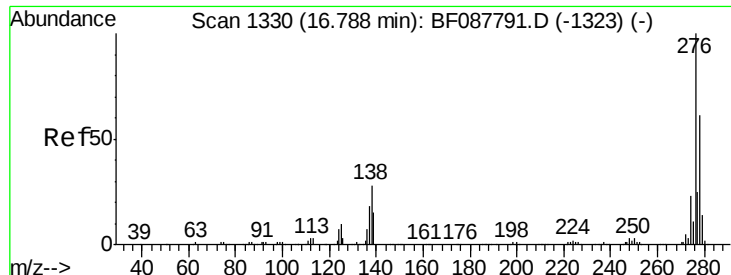


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.11 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

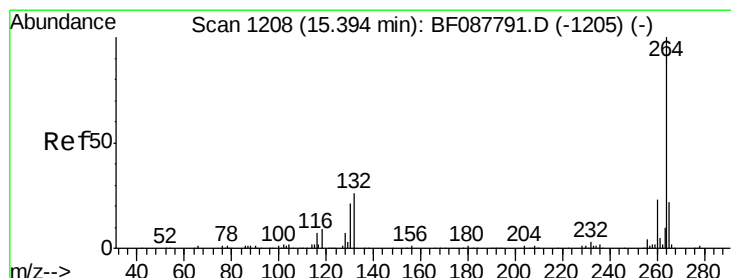
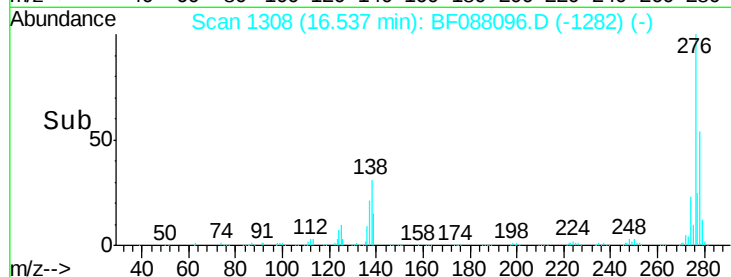
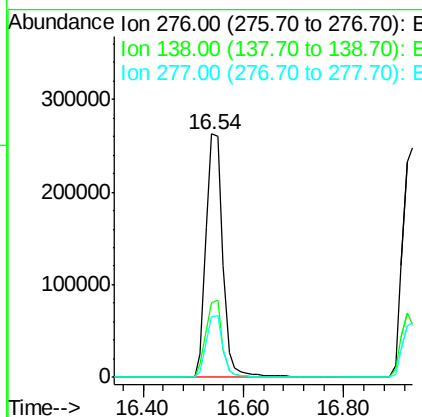
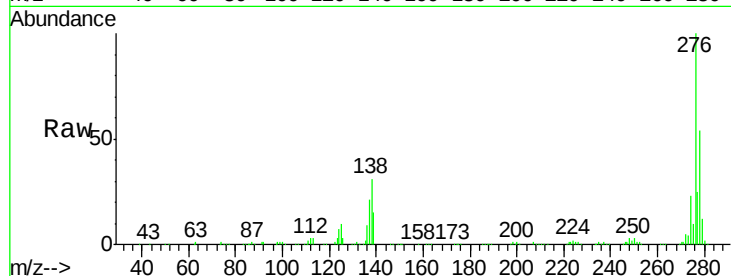
ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	616391
Ion Ratio	Lower	Upper	
276	100		
138	30.9	0.0	0.0#
277	25.0	0.0	0.0#

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#86

Perylene-d12

Concen: 20.00 ng

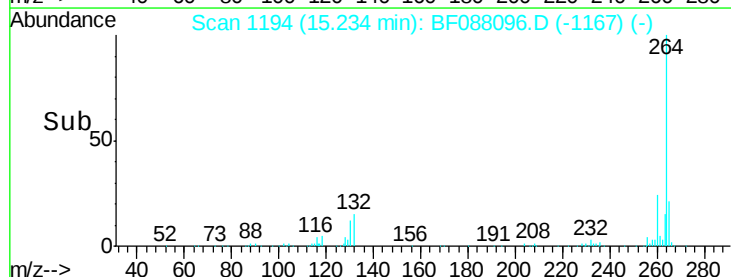
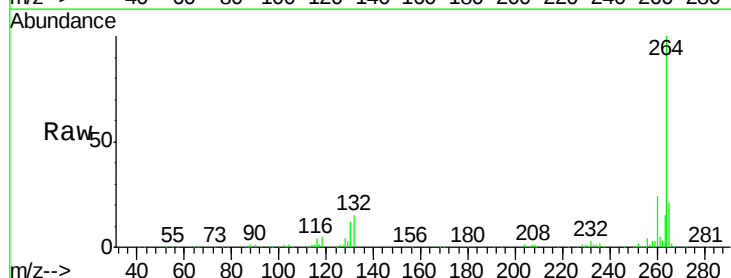
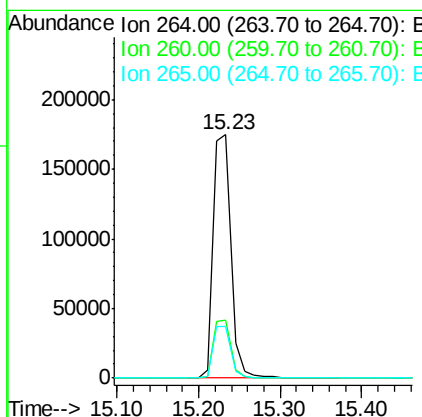
RT: 15.23 min Scan# 1194

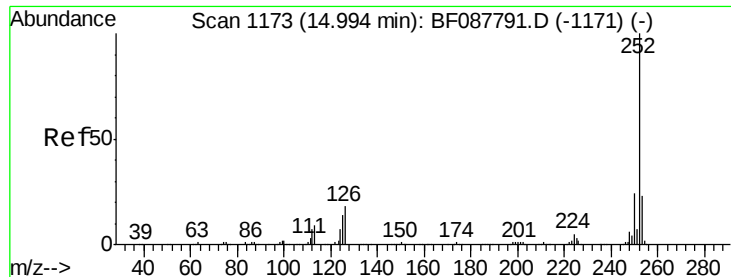
Delta R.T. 0.01 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	264	Resp:	265837
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 31.97 ng m

RT: 14.84 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Instrument :

BNA_F

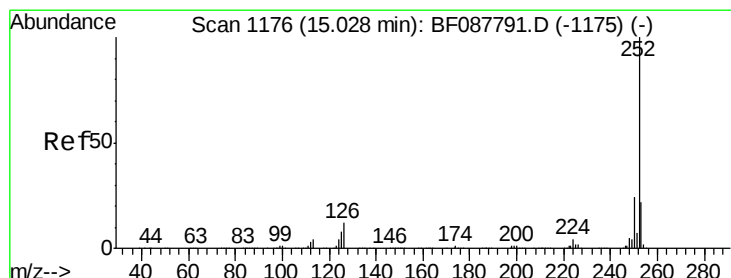
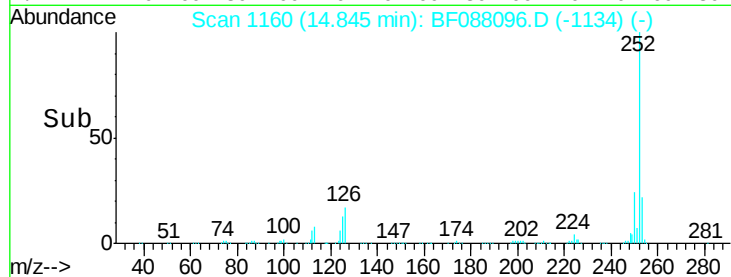
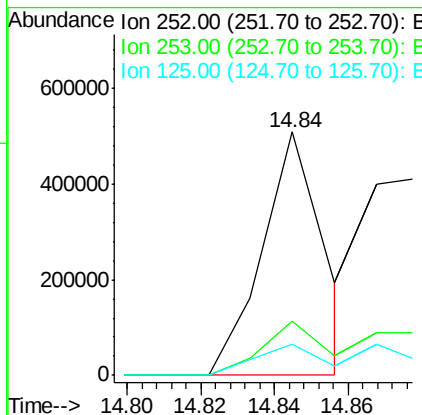
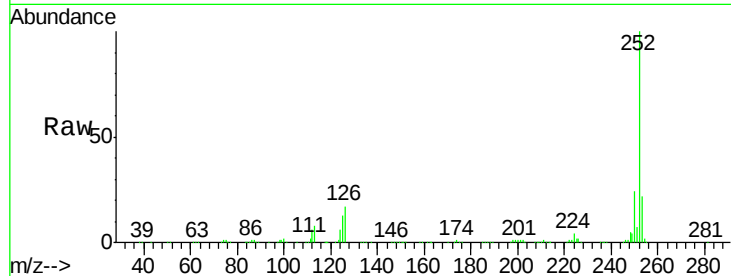
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	592309
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	12.7	7.1	10.7#

Manual Integrations
APPROVED

sohil
6/20/2016 6:50:44 PM



#88

Benzo(k)fluoranthene

Concen: 41.97 ng m

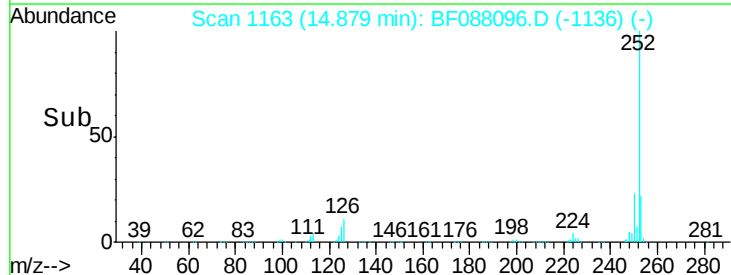
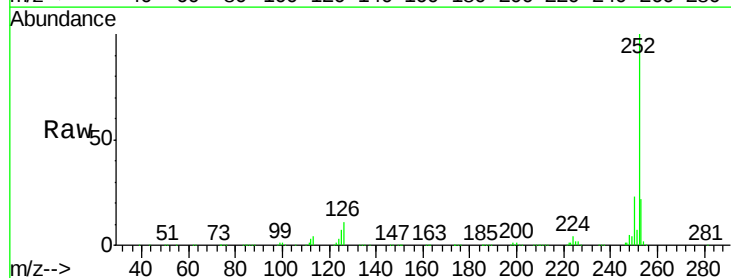
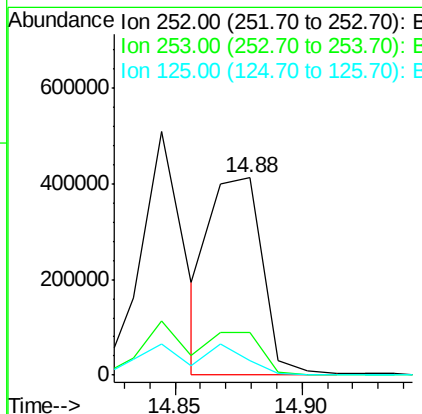
RT: 14.88 min Scan# 1163

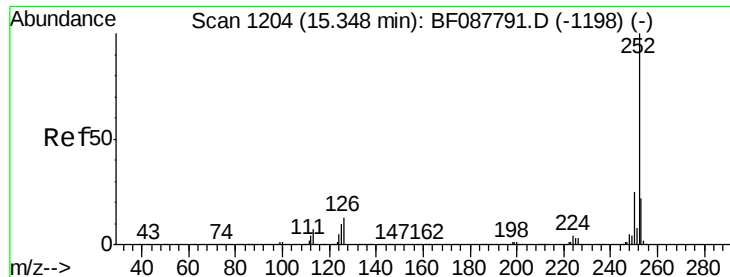
Delta R.T. 0.01 min

Lab File: BF088096.D

Acq: 17 Jun 2016 16:41

Tgt Ion:	252	Resp:	586556
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	7.2	11.2	16.8#





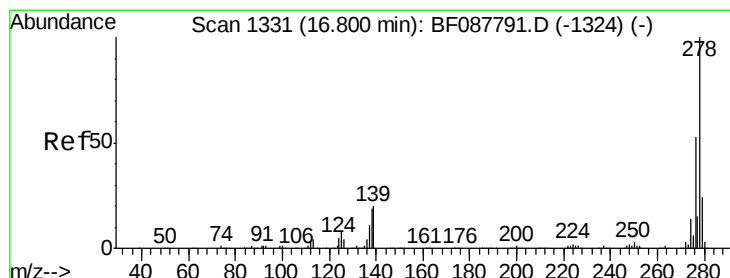
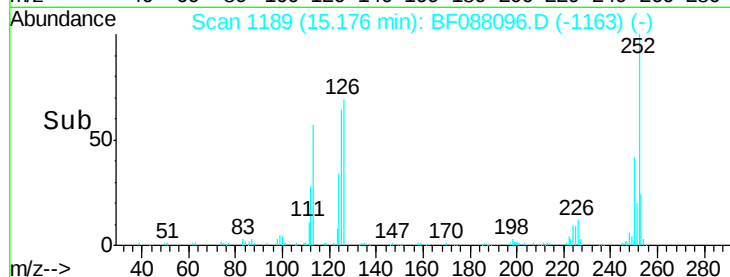
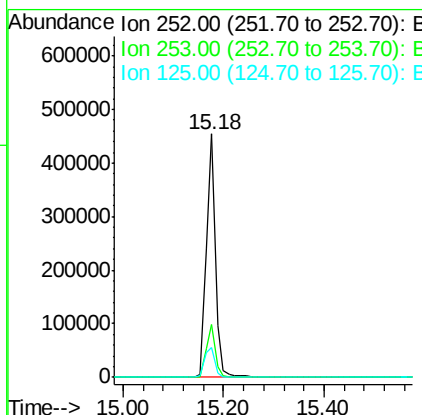
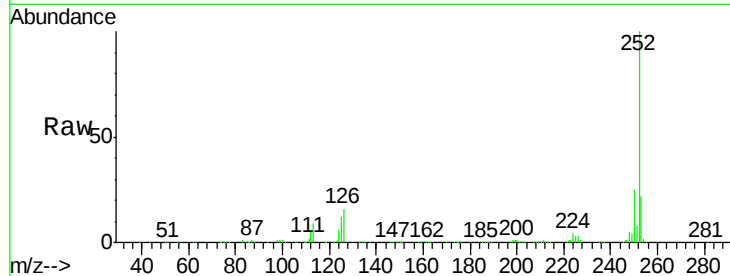
#89
Benzo(a)pyrene
Concen: 38.26 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.5	12.5	18.7

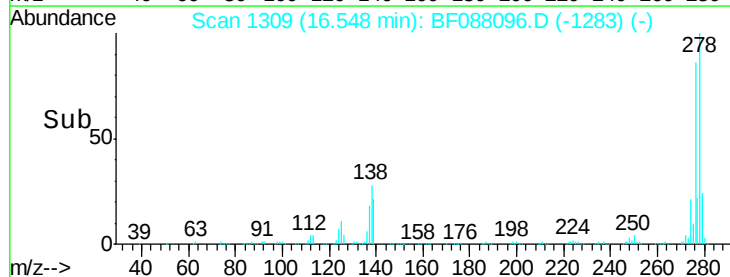
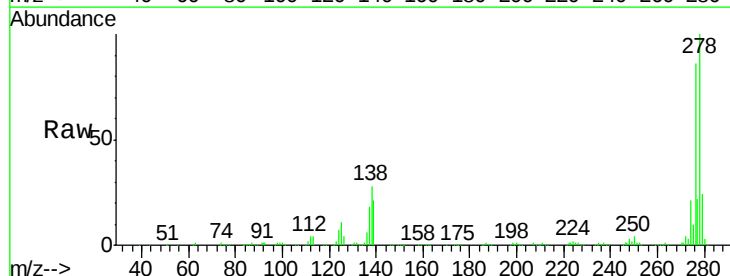
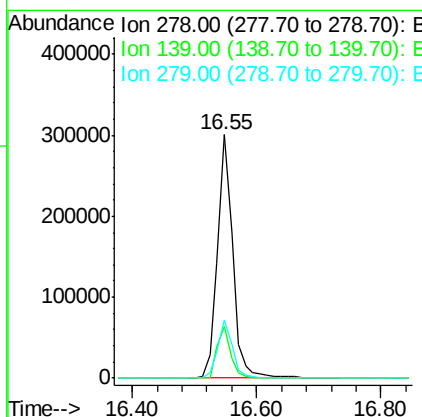
Manual Integrations
APPROVED

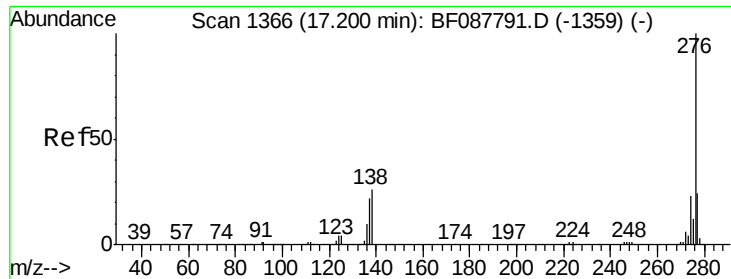
sohil
6/20/2016 6:50:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.29 ng
RT: 16.55 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF088096.D
Acq: 17 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.7	23.5
279	23.6	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 37.50 ng
 RT: 16.94 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF088096.D
 Acq: 17 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	23.4	21.4	32.2

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:50:44 PM

