

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088331.D
 Acq On : 24 Jun 2016 15:01
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:11:38 PM

Quant Time: Jun 24 17:55:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	94599	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	389586	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	183134	20.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	346012	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	256746	20.00	ng	-0.02
86) Perylene-d12	15.09	264	199527	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	455681	82.35	ng	-0.01
7) Phenol-d6	6.26	99	517881	77.22	ng	0.00
23) Nitrobenzene-d5	7.16	82	496936	74.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	131008	67.75	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	966005	82.72	ng	-0.01
78) Terphenyl-d14	12.67	244	840806	74.52	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	110322	41.03	ng	# 43
3) Pyridine	2.64	79	226798	35.72	ng	91
4) n-Nitrosodimethylamine	2.60	42	94408	35.11	ng	79
6) Aniline	6.25	93	330073	34.58	ng	93
8) 2-Chlorophenol	6.38	128	266906	40.75	ng	92
9) Benzaldehyde	6.14	77	153207	34.85	ng	99
10) Phenol	6.27	94	303944m	43.83	ng	
11) bis(2-Chloroethyl)ether	6.33	93	259809	44.18	ng	89
12) 1,3-Dichlorobenzene	6.52	146	275239m	39.17	ng	
13) 1,4-Dichlorobenzene	6.60	146	294125	41.55	ng	99
14) 1,2-Dichlorobenzene	6.75	146	249649m	38.78	ng	
15) Benzyl Alcohol	6.75	79	196537	37.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	241825	30.44	ng	# 1
17) 2-Methylphenol	6.88	107	195339	36.78	ng	# 89
18) Hexachloroethane	7.10	117	100421	39.98	ng	93
19) n-Nitroso-di-n-propylamine	7.03	70	181009	42.19	ng	# 81
20) 3+4-Methylphenols	7.04	107	255671	41.25	ng	# 81
22) Acetophenone	7.02	105	367343	42.19	ng	# 97
24) Nitrobenzene	7.19	77	270327	41.83	ng	95
25) Isophorone	7.43	82	477271	38.62	ng	98
26) 2-Nitrophenol	7.51	139	145341	41.98	ng	# 74
27) 2,4-Dimethylphenol	7.56	122	224000	35.14	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	315087	41.11	ng	# 97
29) 2,4-Dichlorophenol	7.76	162	214255	40.26	ng	93
30) 1,2,4-Trichlorobenzene	7.82	180	219870	37.94	ng	99
31) Naphthalene	7.90	128	741305	38.45	ng	99
32) Benzoic acid	7.74	122	107347	30.58	ng	88
33) 4-Chloroaniline	7.96	127	334245	38.82	ng	# 95
34) Hexachlorobutadiene	8.01	225	111845	36.60	ng	98
35) Caprolactam	8.35	113	70713	40.11	ng	# 78
36) 4-Chloro-3-methylphenol	8.47	107	226032	39.71	ng	99
37) 2-Methylnaphthalene	8.58	142	474809	37.37	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	204154	41.82	ng	# 1
40) Hexachlorocyclopentadiene	8.74	237	124491	42.14	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088331.D
 Acq On : 24 Jun 2016 15:01
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:11:38 PM

Quant Time: Jun 24 17:55:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	128568	35.11	ng	98
43) 2,4,5-Trichlorophenol	8.92	196	139522	36.62	ng #	86
45) 1,1'-Biphenyl	9.05	154	572479	41.11	ng	99
46) 2-Chloronaphthalene	9.07	162	451463	38.10	ng	99
47) 2-Nitroaniline	9.19	65	138863	39.72	ng #	82
48) Acenaphthylene	9.48	152	712384	37.79	ng	100
49) Dimethylphthalate	9.37	163	567283	42.76	ng	99
50) 2,6-Dinitrotoluene	9.43	165	117426	38.65	ng #	60
51) Acenaphthene	9.66	154	419486	35.67	ng	99
52) 3-Nitroaniline	9.60	138	138042	39.38	ng	99
53) 2,4-Dinitrophenol	9.72	184	64871	44.60	ng #	84
54) Dibenzofuran	9.83	168	615114	37.98	ng #	87
55) 4-Nitrophenol	9.82	139	98260m	36.11	ng	
56) 2,4-Dinitrotoluene	9.84	165	167247	42.84	ng	93
57) Fluorene	10.17	166	495401	45.30	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	114032	38.08	ng #	59
59) Diethylphthalate	10.06	149	506948	37.75	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	195870	36.37	ng	90
61) 4-Nitroaniline	10.23	138	142800	42.94	ng	95
62) Azobenzene	10.32	77	519925	39.15	ng	94
64) 4,6-Dinitro-2-methylphenol	10.25	198	73268	34.55	ng #	67
65) n-Nitrosodiphenylamine	10.28	169	452885	39.45	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	141339	38.08	ng	95
67) Hexachlorobenzene	10.71	284	139176	36.08	ng	95
68) Atrazine	10.82	200	124471	35.80	ng	93
69) Pentachlorophenol	10.91	266	76179	37.47	ng	97
70) Phenanthrene	11.12	178	692875	38.16	ng	99
71) Anthracene	11.18	178	751207	41.02	ng	99
72) Carbazole	11.34	167	694563	40.53	ng	99
73) Di-n-butylphthalate	11.67	149	801003	36.92	ng	99
74) Fluoranthene	12.31	202	756563	39.48	ng	94
76) Benzidine	12.43	184	237351	33.39	ng	99
77) Pyrene	12.53	202	707427	37.13	ng	100
79) Butylbenzylphthalate	13.15	149	350777	41.64	ng	90
80) Benzo(a)anthracene	13.71	228	534434	36.53	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	164828	41.89	ng #	96
82) Chrysene	13.75	228	537990	39.08	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	379701	37.03	ng	99
84) Di-n-octyl phthalate	14.32	149	653648	39.23	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	467534	36.56	ng #	100
87) Benzo(b)fluoranthene	14.72	252	548317m	39.43	ng	
88) Benzo(k)fluoranthene	14.74	252	397866m	37.93	ng	
89) Benzo(a)pyrene	15.03	252	439814	39.09	ng	97
90) Dibenzo(a,h)anthracene	16.33	278	385889	36.93	ng	97
91) Benzo(g,h,i)perylene	16.70	276	418831	38.96	ng	99

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

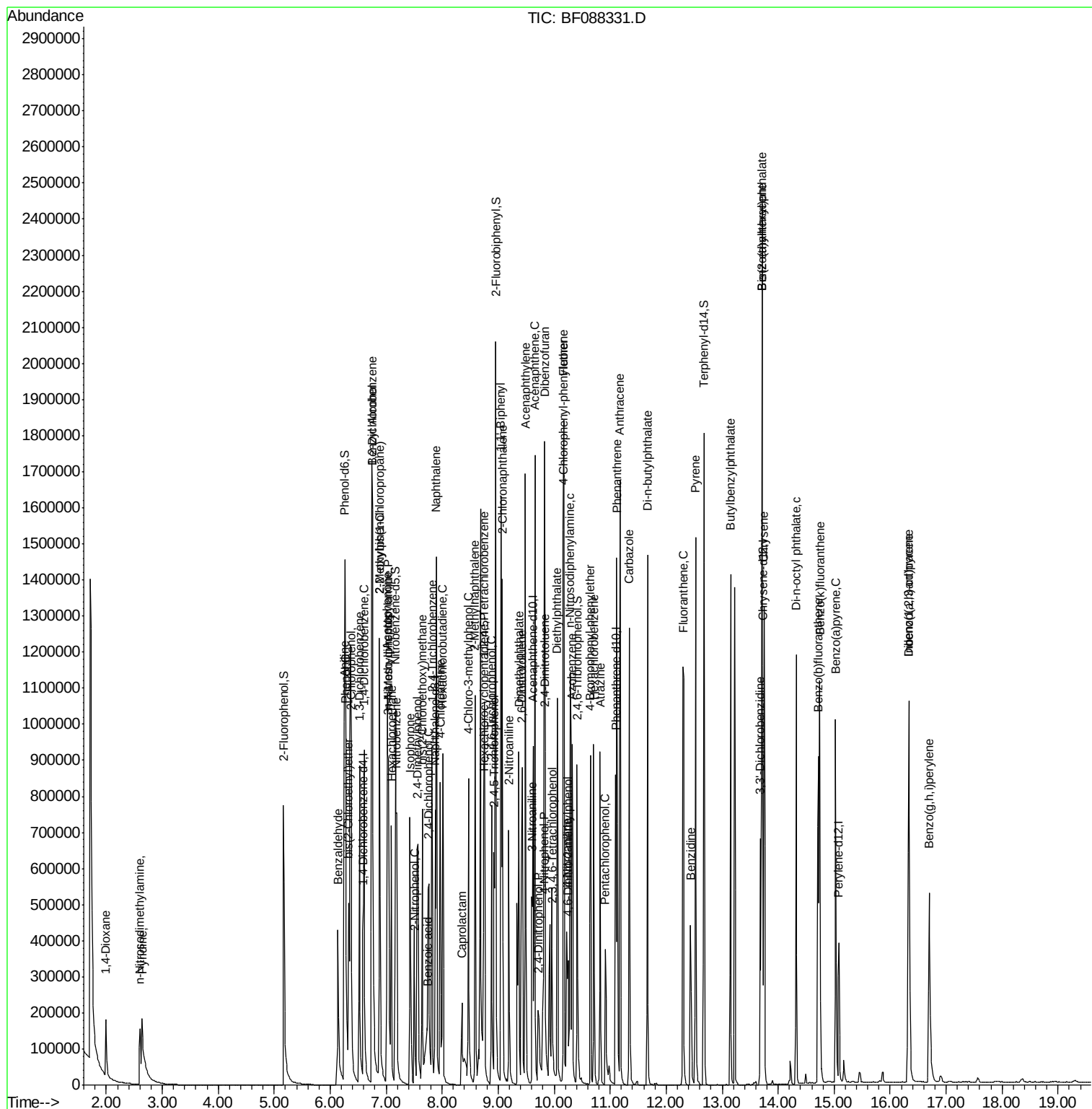
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\  
Data File : BF088331.D  
Acq On    : 24 Jun 2016   15:01  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

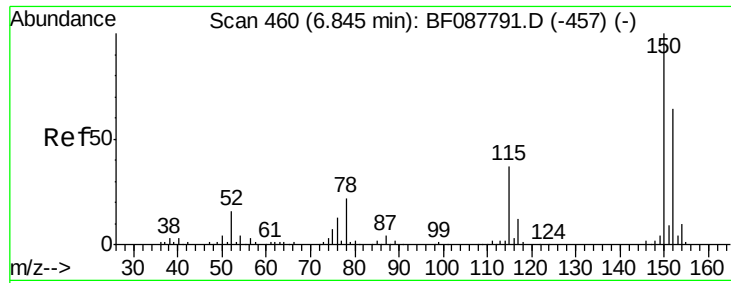
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

sohil
6/27/2016 8:11:38 PM

Quant Time: Jun 24 17:55:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

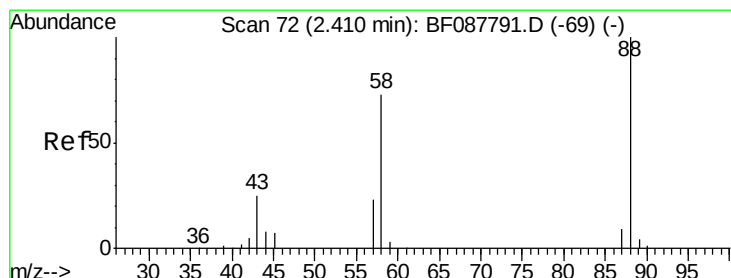
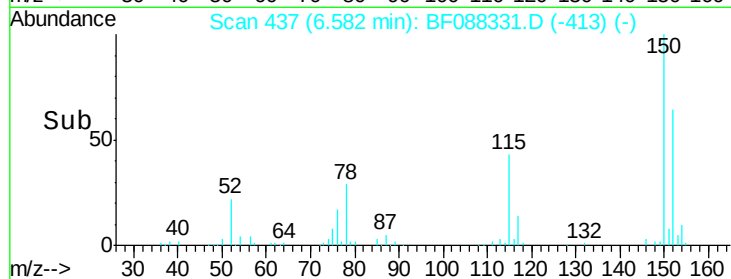
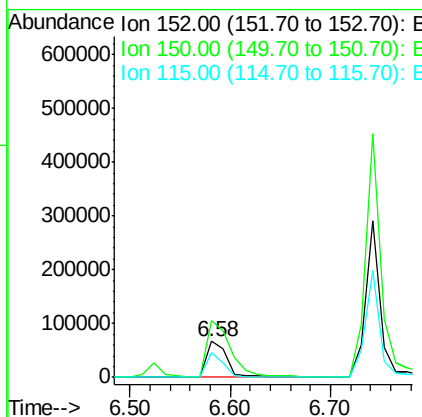
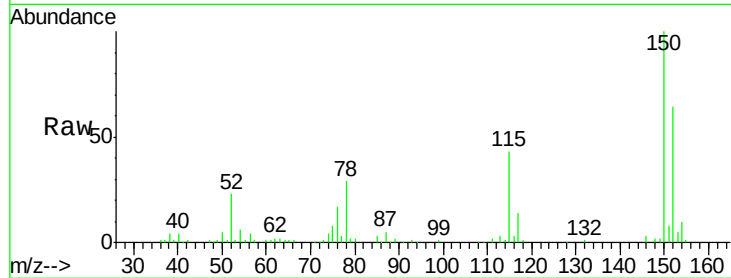
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	67.9	39.6	59.4

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#2

1,4-Dioxane

Concen: 41.03 ng

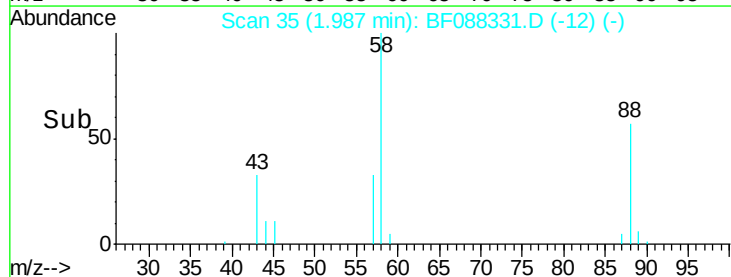
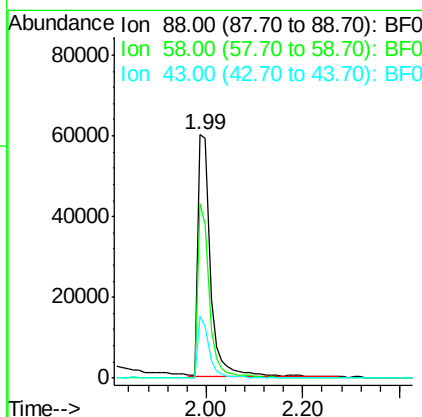
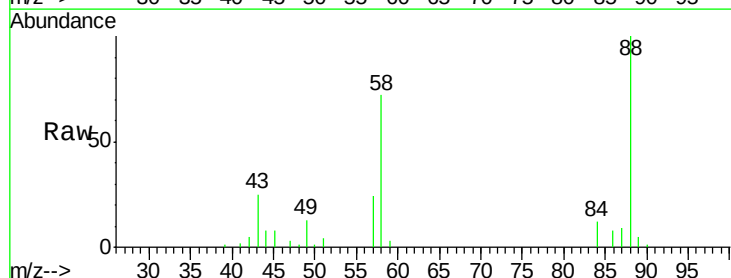
RT: 1.99 min Scan# 35

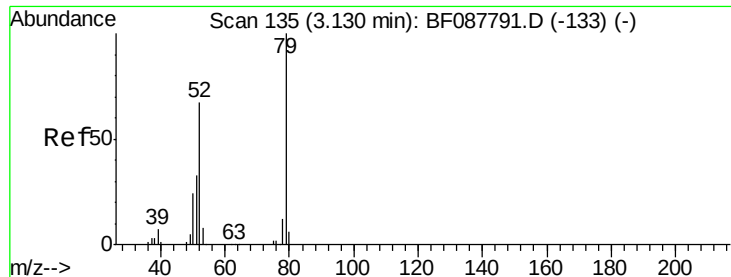
Delta R.T. -0.03 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	0.0	0.0
43	23.0	3.4	5.2





#3

Pyridine

Concen: 35.72 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.03 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

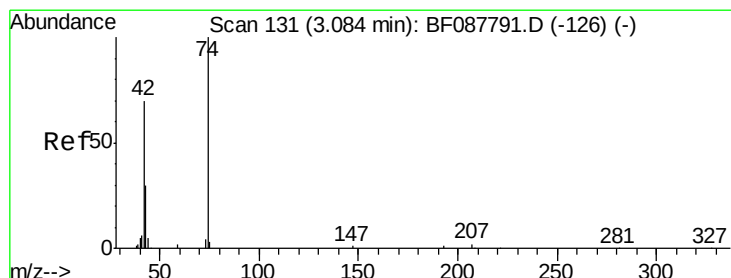
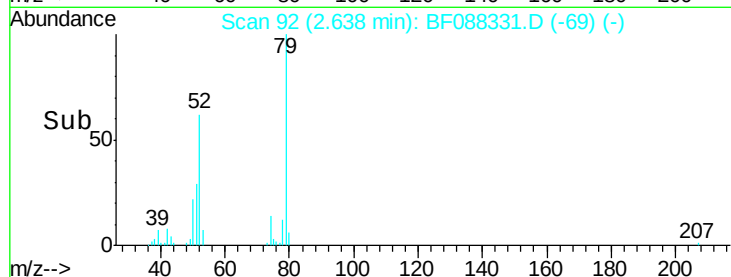
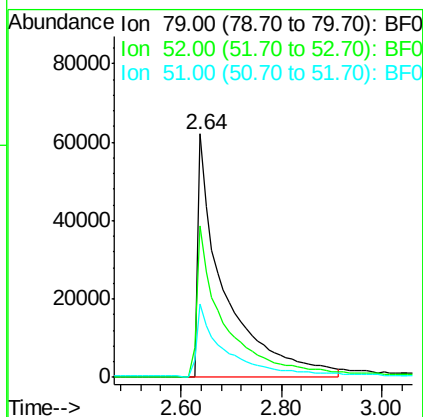
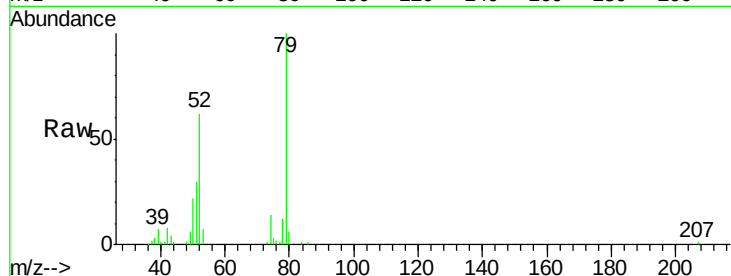
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.2	56.3	84.5
51	30.2	27.4	41.2

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#4

n-Nitrosodimethylamine

Concen: 35.11 ng

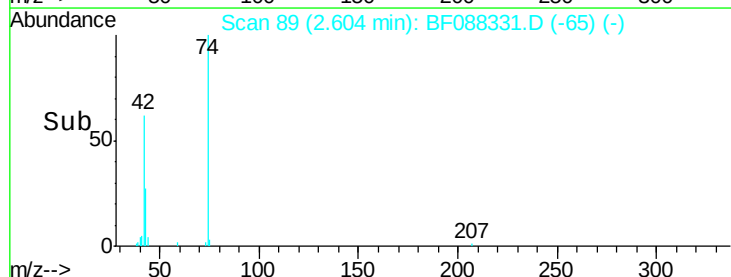
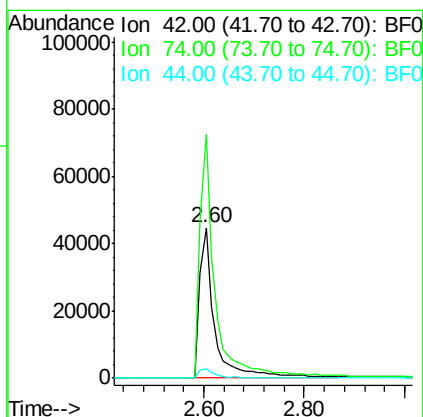
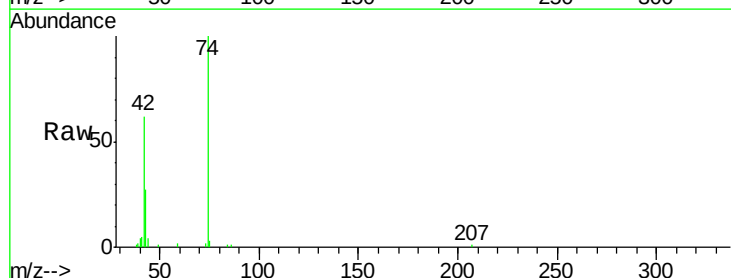
RT: 2.60 min Scan# 89

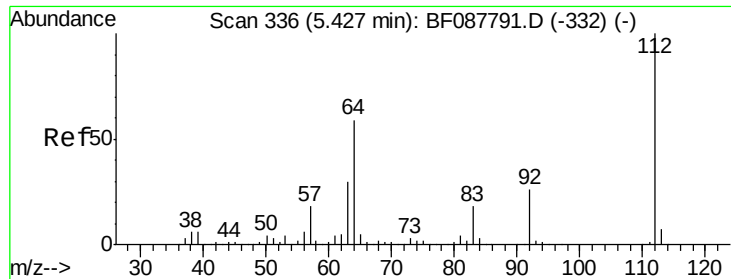
Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.7	108.6	163.0
44	6.5	5.5	8.3





#5

2-Fluorophenol

Concen: 82.35 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

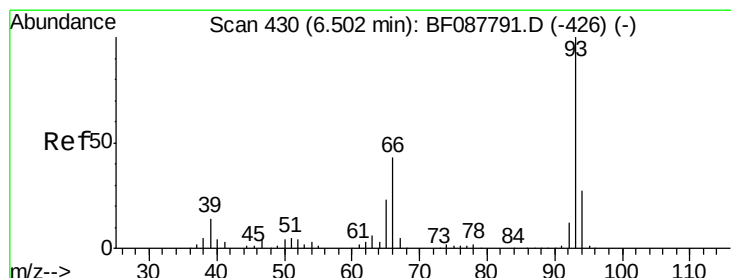
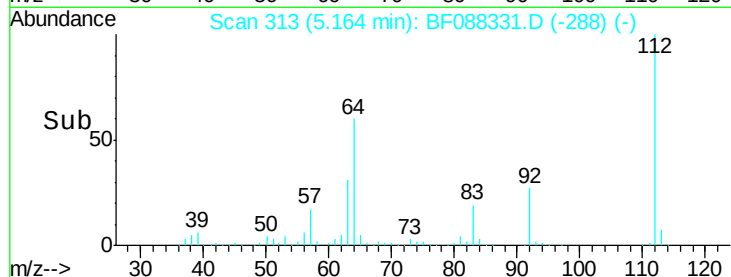
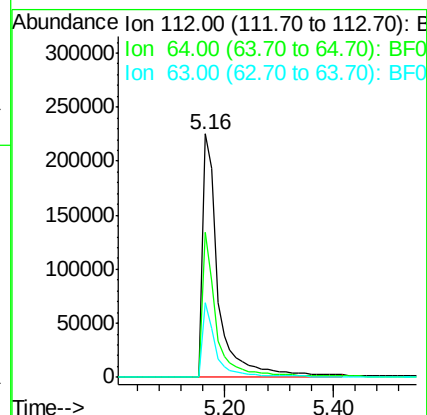
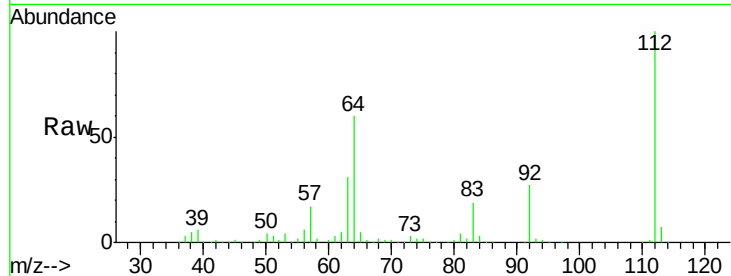
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	455681
Ion Ratio	Lower	Upper	
112	100		
64	59.8	42.2	63.2
63	30.5	21.8	32.8

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#6

Aniline

Concen: 34.58 ng

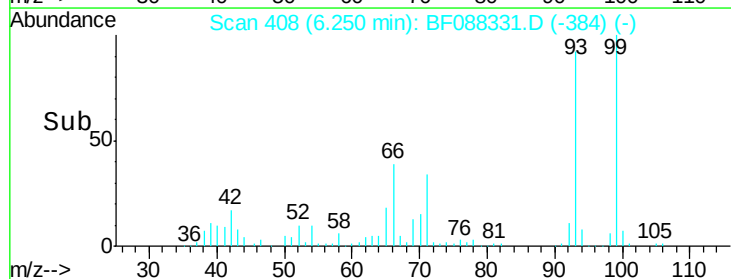
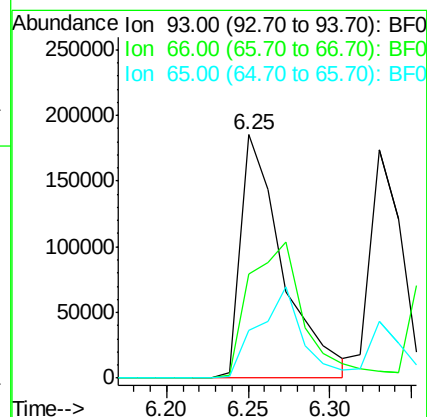
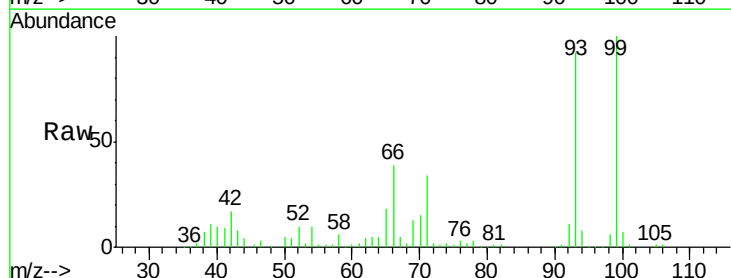
RT: 6.25 min Scan# 408

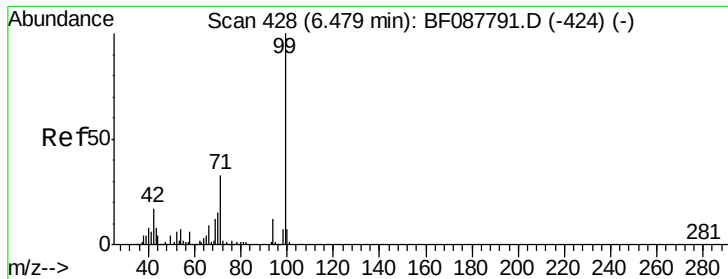
Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	93	Resp:	330073
Ion Ratio	Lower	Upper	
93	100		
66	42.6	29.8	44.8
65	19.6	14.9	22.3





#7

Phenol-d6

Concen: 77.22 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

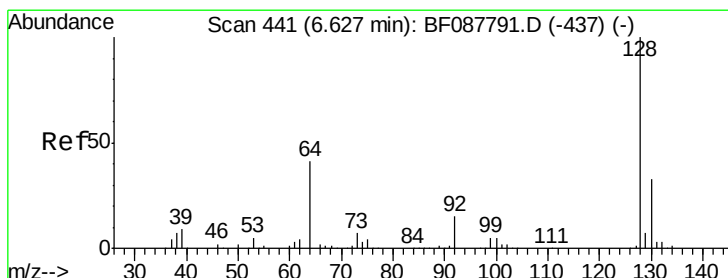
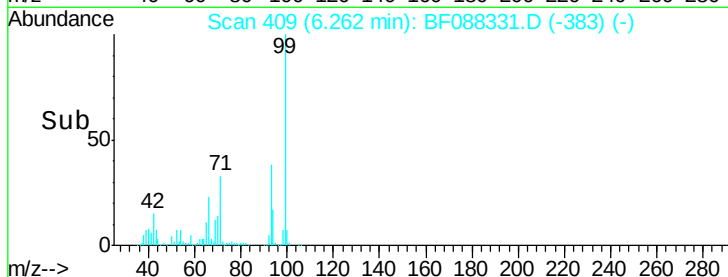
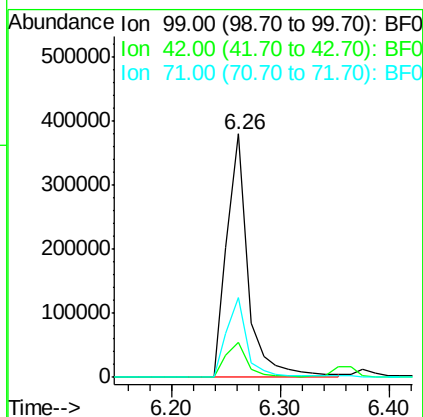
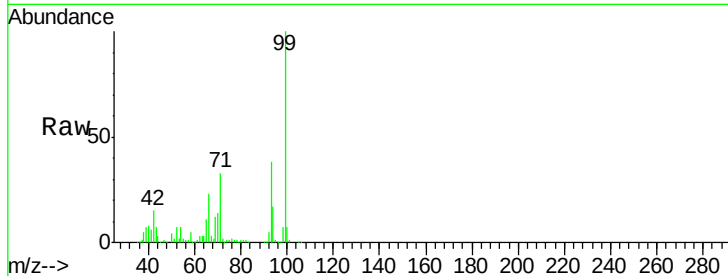
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	517881
Ion Ratio	Lower	Upper	
99	100		
42	14.6	12.2	18.2
71	32.7	23.4	35.0

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#8

2-Chlorophenol

Concen: 40.75 ng

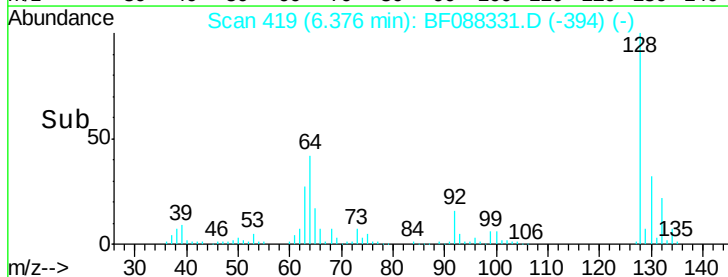
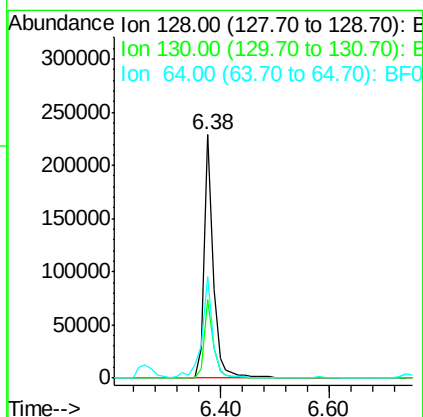
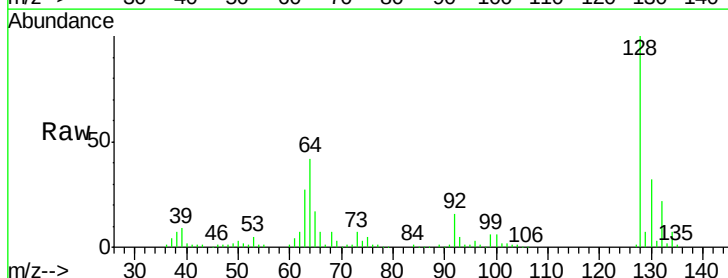
RT: 6.38 min Scan# 419

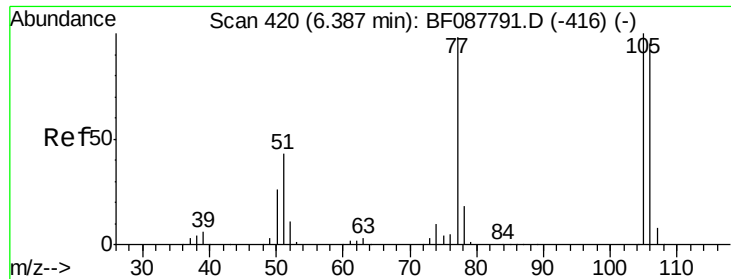
Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	128	Resp:	266906
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.0	52.0
64	41.8	30.8	70.8





#9

Benzaldehyde

Concen: 34.85 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

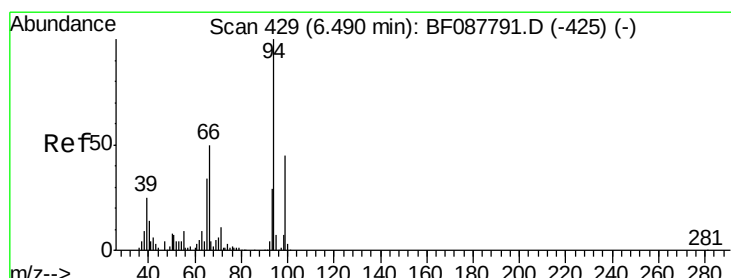
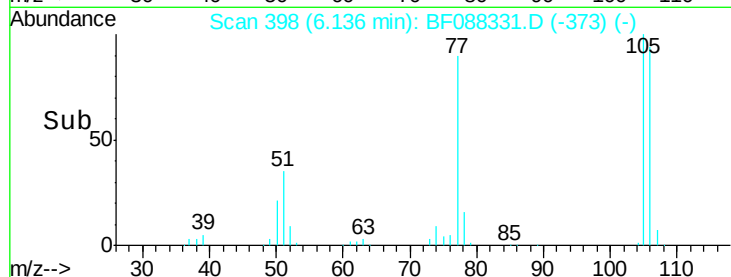
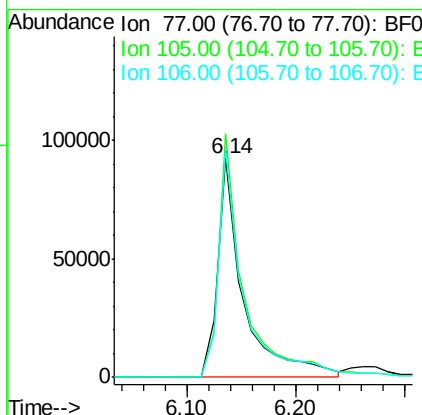
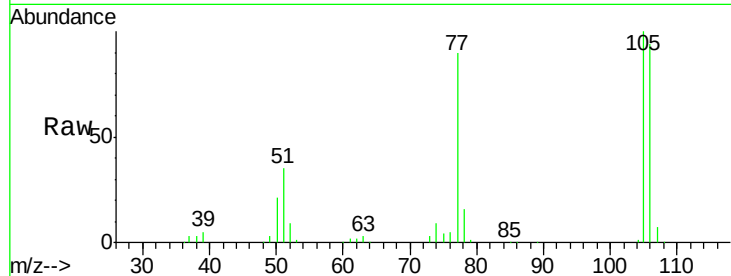
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	153207
Ion	Ratio	Lower	Upper
77	100		
105	111.1	90.6	130.6
106	104.1	85.3	125.3

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#10

Phenol

Concen: 43.83 ng m

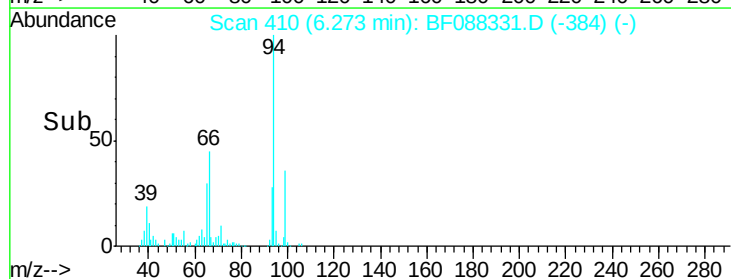
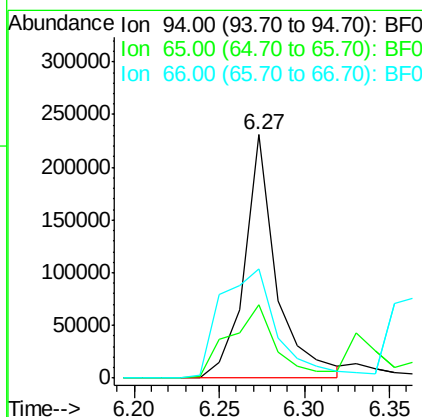
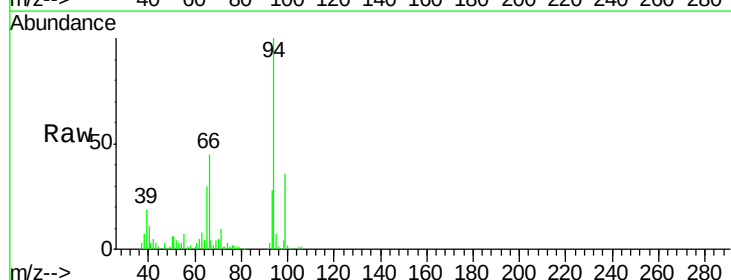
RT: 6.27 min Scan# 410

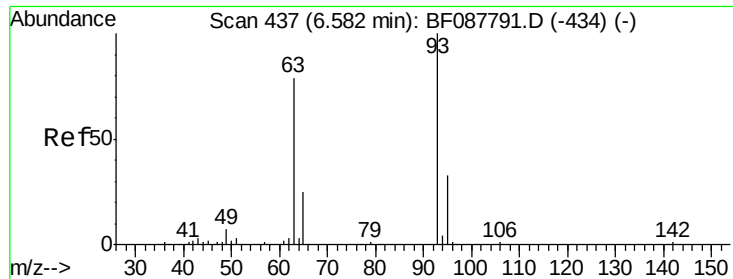
Delta R.T. 0.00 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	94	Resp:	303944
Ion	Ratio	Lower	Upper
94	100		
65	30.1	5.9	45.9
66	45.1	14.0	54.0





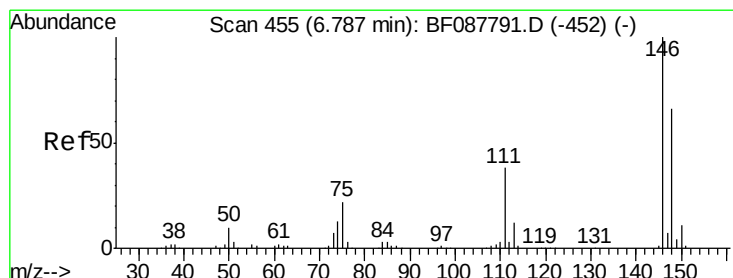
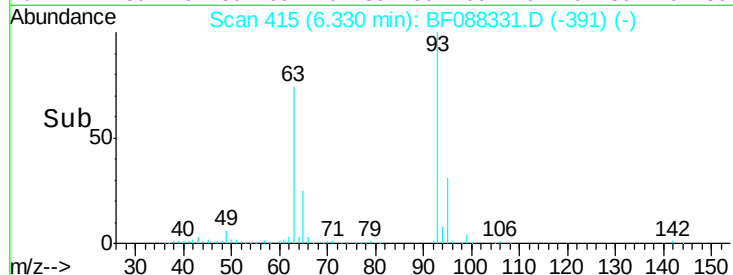
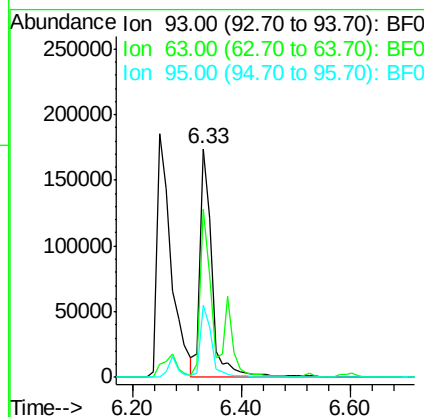
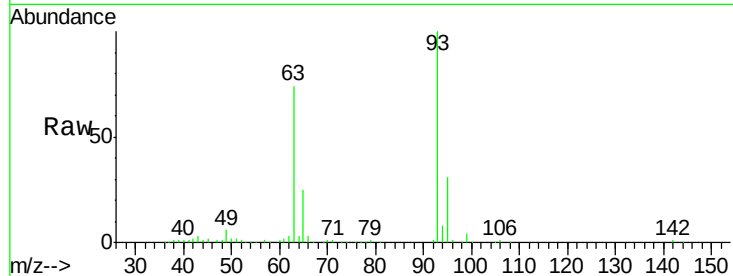
#11
bis(2-Chloroethyl)ether
Concen: 44.18 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	259809		
63	73.8	67.6	107.6	
95	31.3	12.5	52.5	

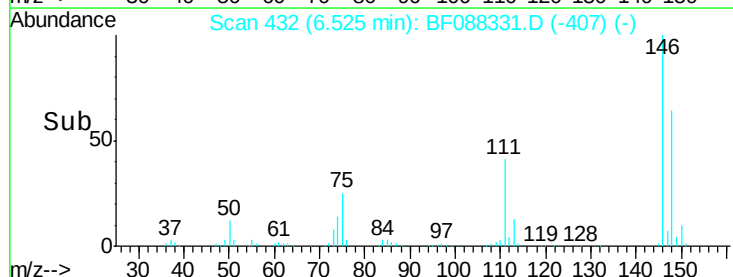
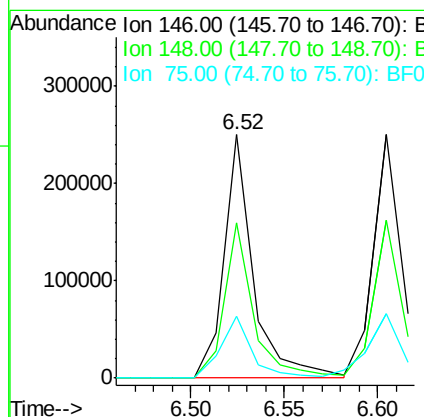
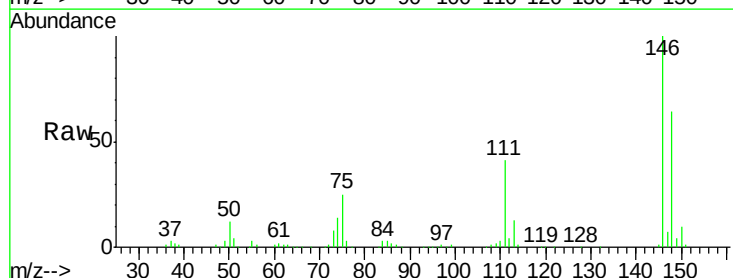
Manual Integrations
APPROVED

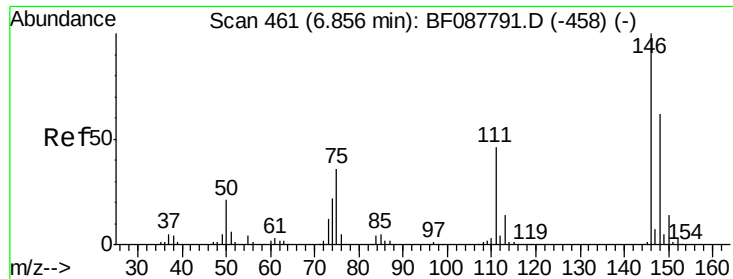
sohil
6/27/2016 8:11:38 PM



#12
1,3-Dichlorobenzene
Concen: 39.17 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275239		
148	63.8	50.9	76.3	
75	25.2	25.6	38.4	





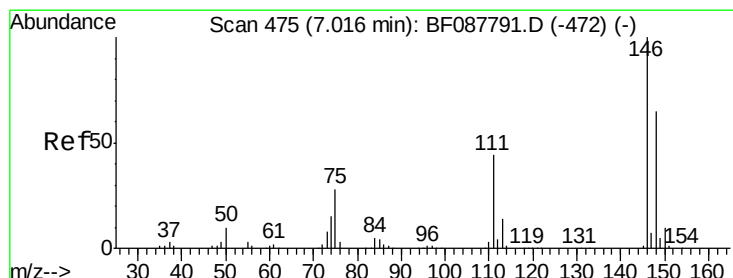
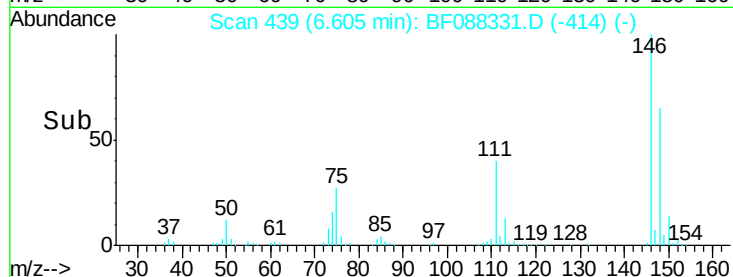
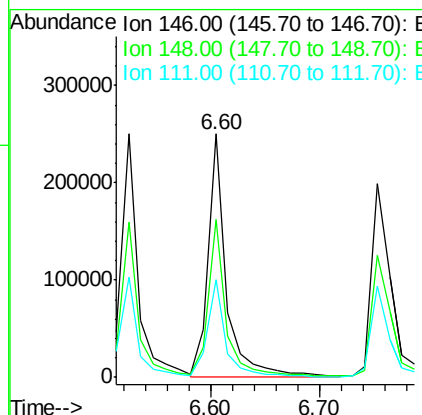
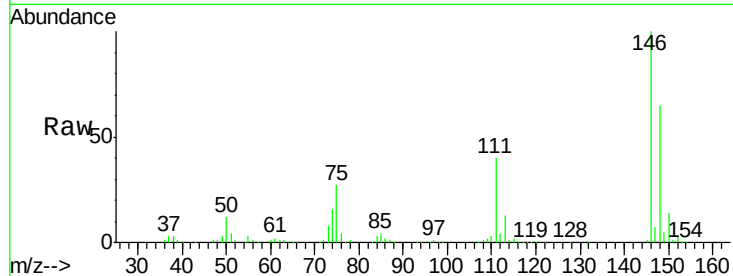
#13
 1,4-Dichlorobenzene
 Concen: 41.55 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294125		
148	64.8	52.0	78.0	
111	40.3	33.8	50.8	

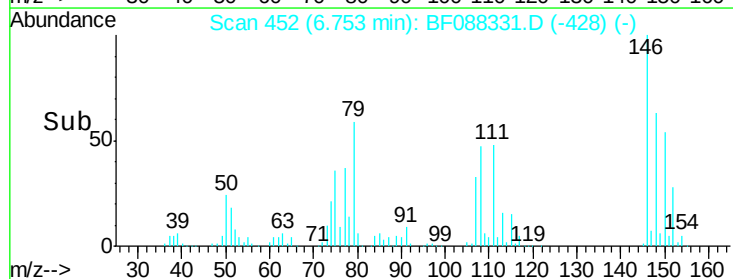
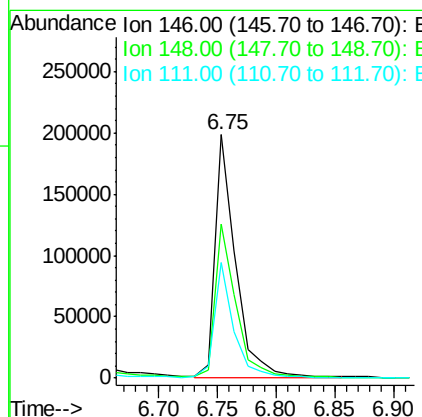
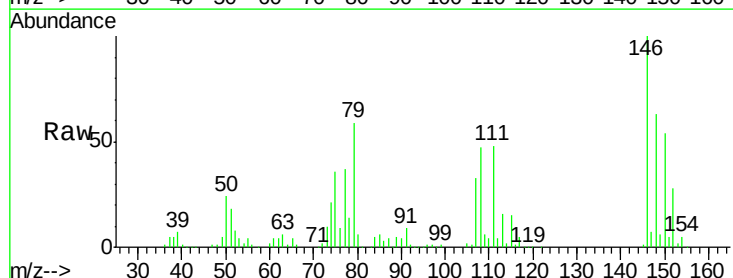
Manual Integrations
 APPROVED

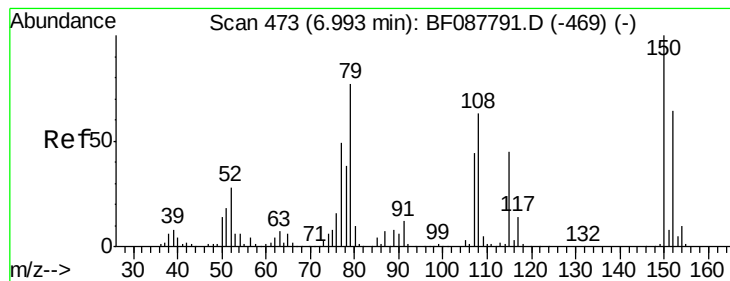
sohil
 6/27/2016 8:11:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.78 ng m
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	249649		
148	63.3	52.3	78.5	
111	47.6	28.7	43.1	





#15

Benzyl Alcohol

Concen: 37.46 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 196537
Ion Ratio Lower Upper

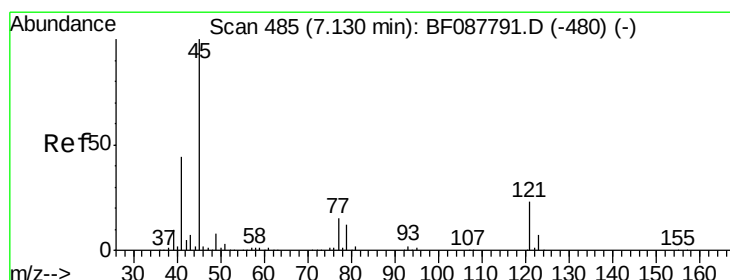
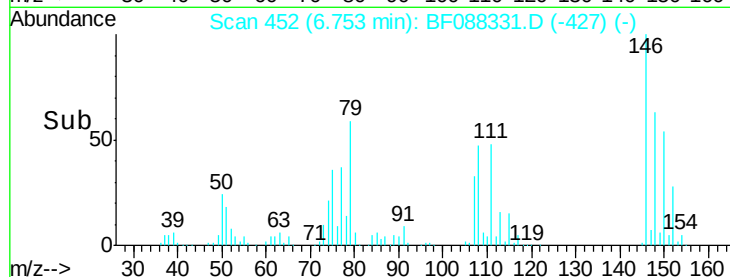
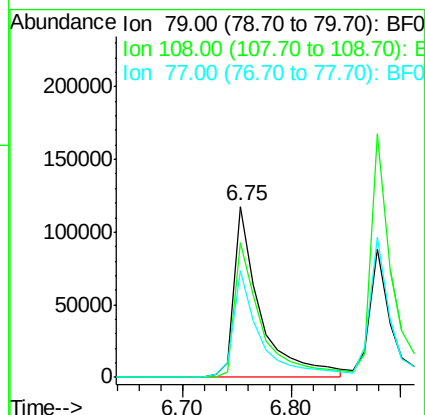
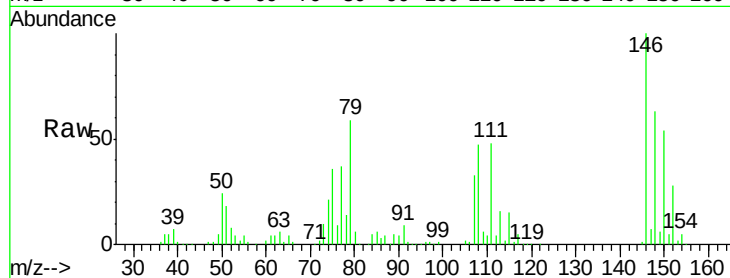
79 100

108 79.0 65.0 97.6

77 62.3 50.3 75.5

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.44 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF088331.D

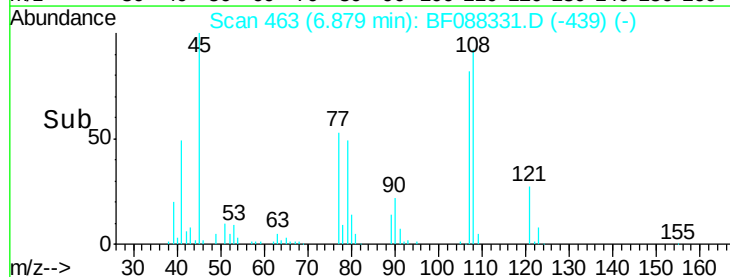
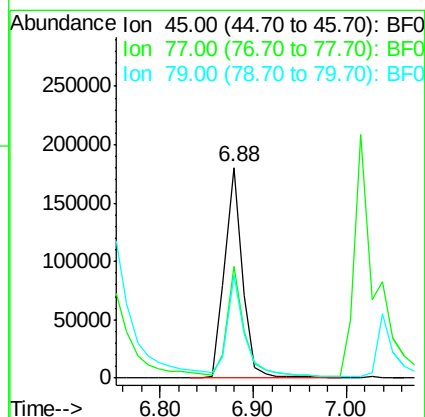
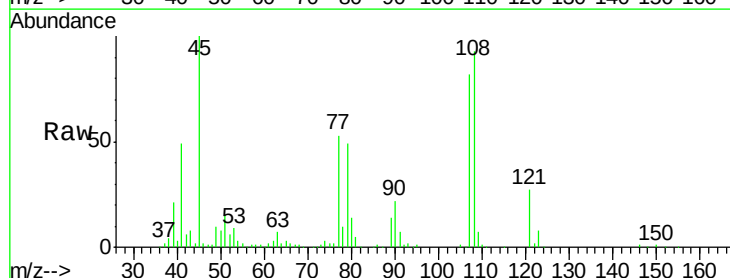
Acq: 24 Jun 2016 15:01

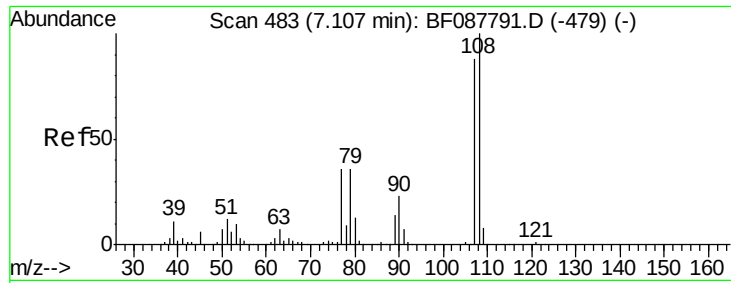
Tgt Ion: 45 Resp: 241825
Ion Ratio Lower Upper

45 100

77 53.2 0.0 32.5#

79 48.8 0.0 29.5#





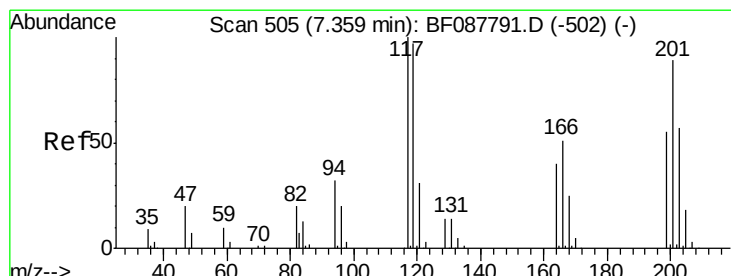
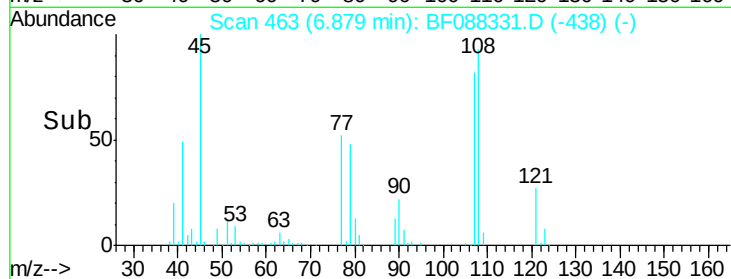
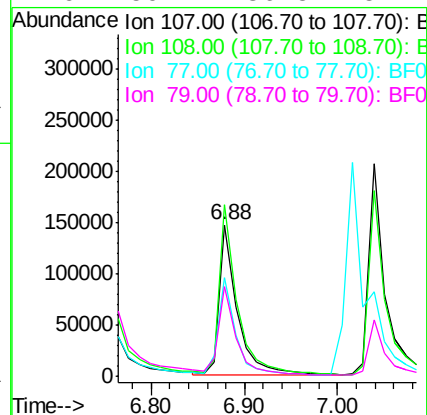
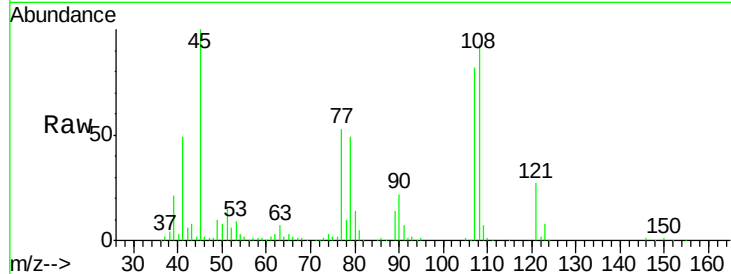
#17
2-Methylphenol
Concen: 36.78 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	195339		
108	113.5	90.9	136.3	
77	65.0	36.6	55.0	
79	59.7	36.5	54.7	

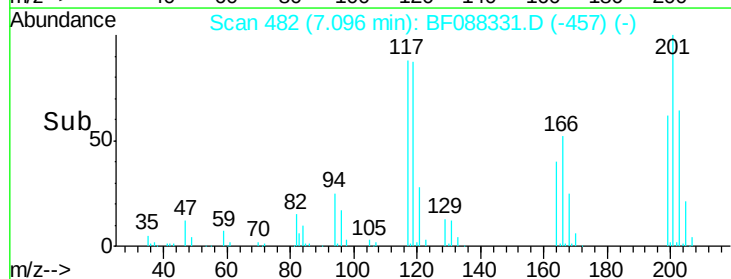
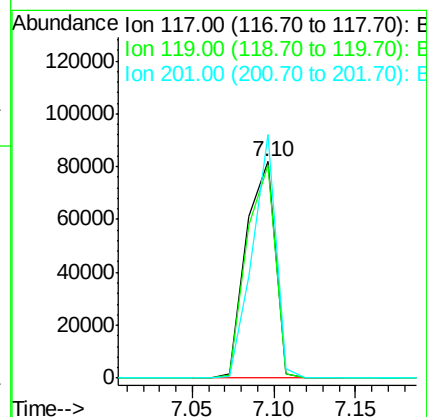
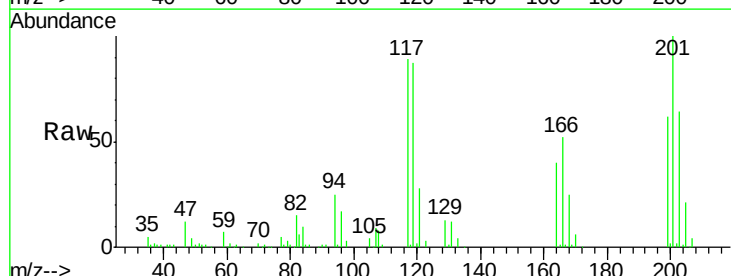
Manual Integrations
APPROVED

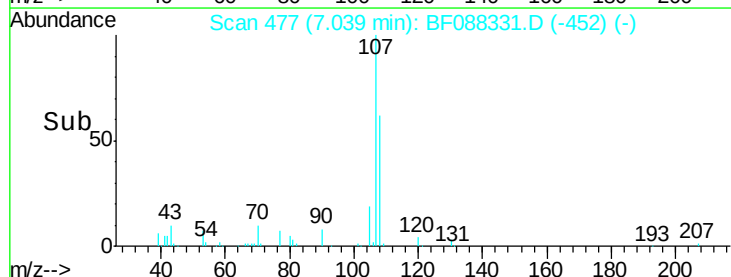
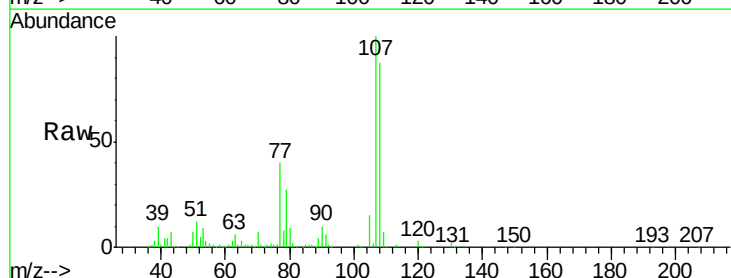
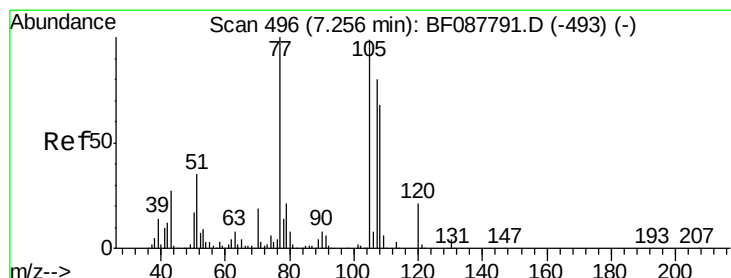
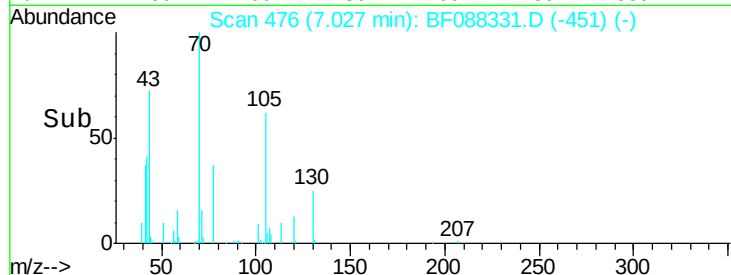
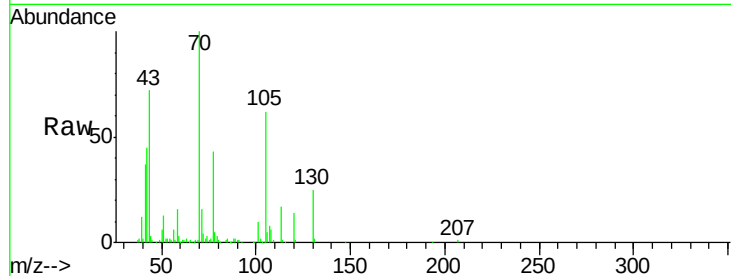
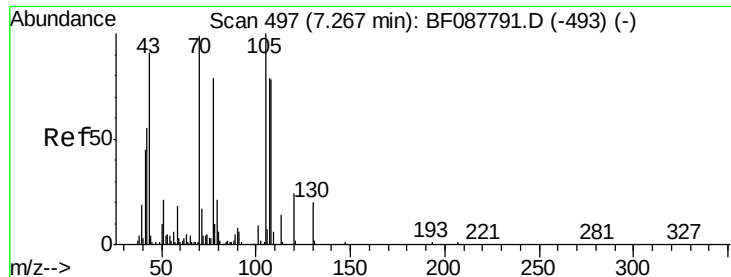
sohil
6/27/2016 8:11:38 PM



#18
Hexachloroethane
Concen: 39.98 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100421		
119	98.5	77.4	116.2	
201	112.6	80.4	120.6	

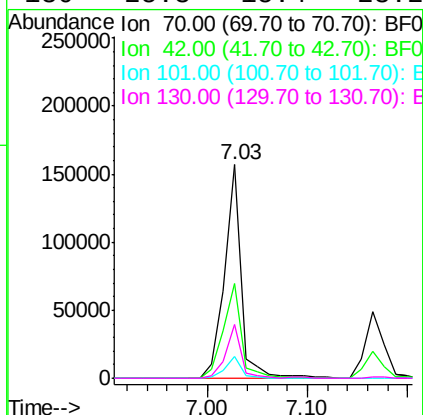




#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.5	49.6	74.4#
101	10.3	7.1	10.7
130	25.3	15.4	23.2#

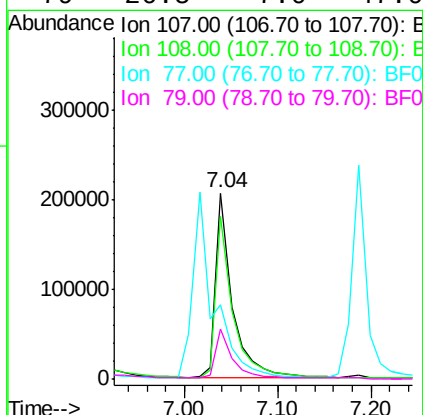


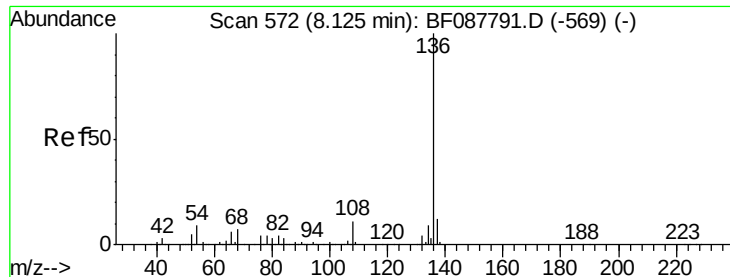
Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM

#20
3+4-Methylphenols
Concen: 41.25 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.8	107.8
77	40.0	59.3	99.3#
79	26.5	7.0	47.0





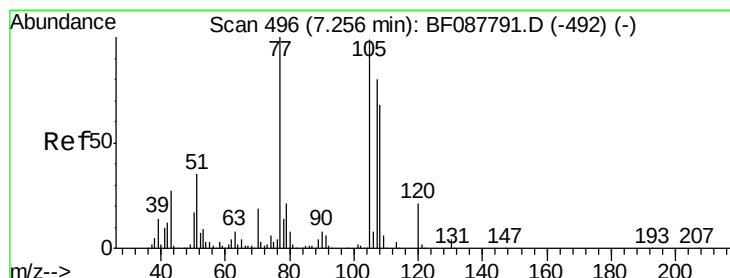
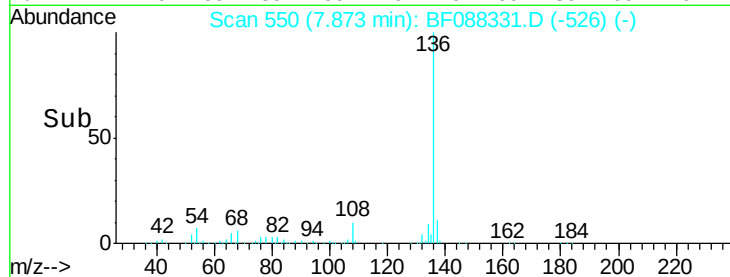
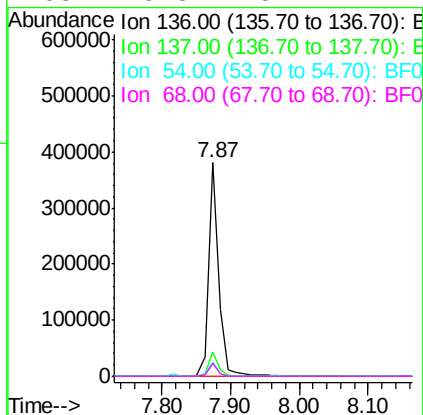
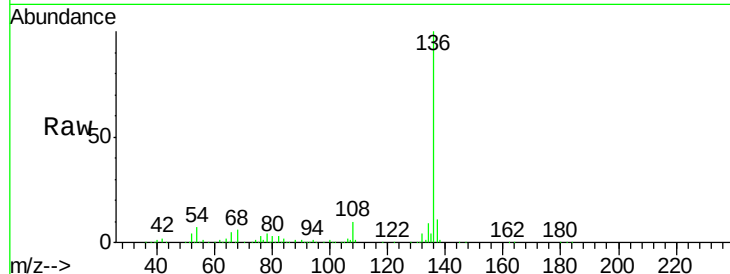
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	389586		
137	11.2	9.1	13.7	
54	6.8	6.6	10.0	
68	5.8	5.1	7.7	

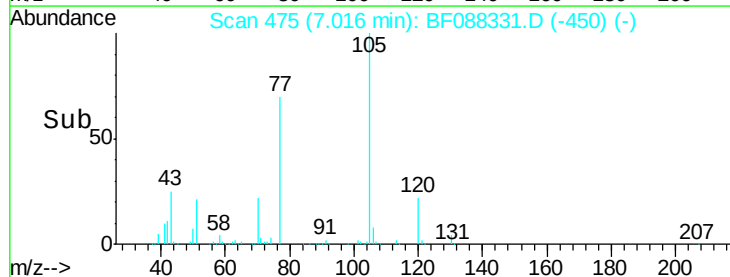
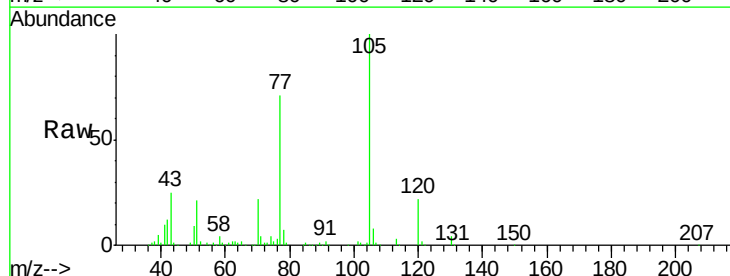
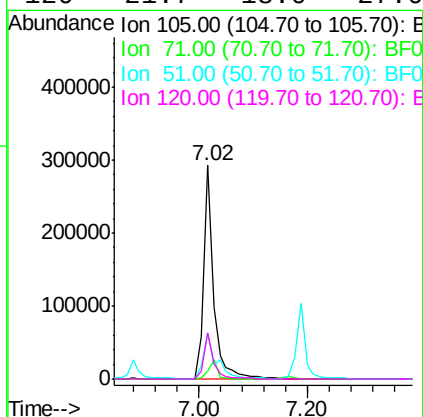
Manual Integrations
APPROVED

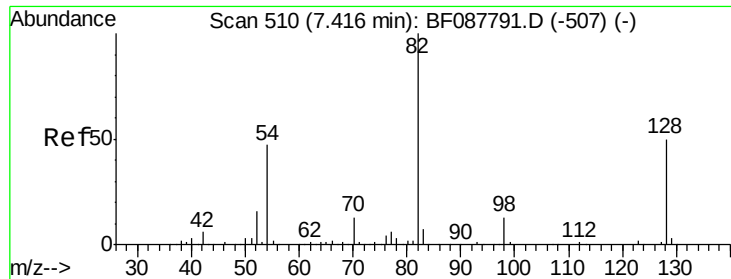
sohil
6/27/2016 8:11:38 PM



#22
Acetophenone
Concen: 42.19 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	367343		
71	3.6	5.3	7.9#	
51	21.4	18.2	27.4	
120	21.7	18.0	27.0	





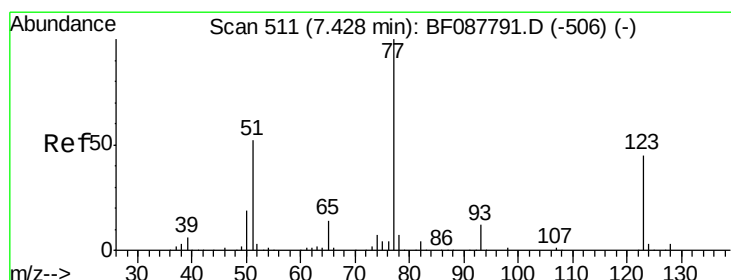
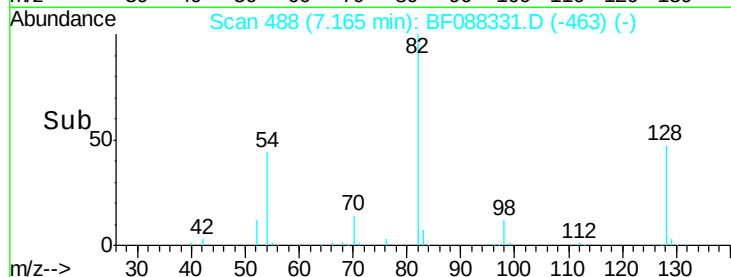
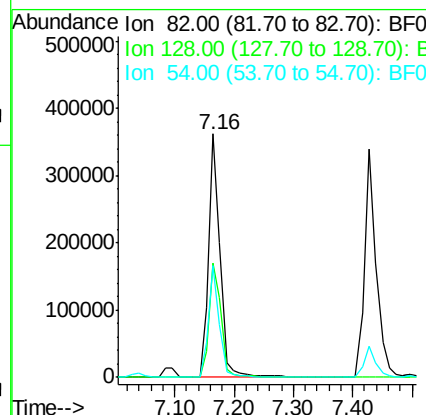
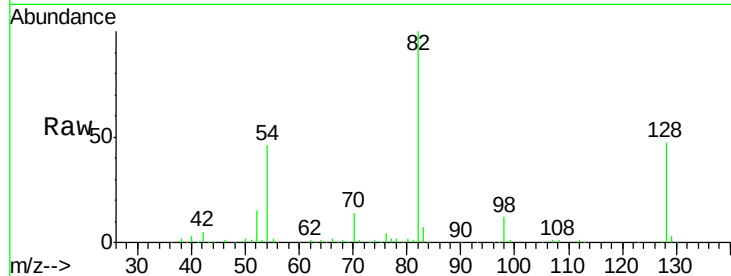
#23
 Nitrobenzene-d5
 Concen: 74.48 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	496936		
128	46.8	35.9	53.9	
54	45.8	40.9	61.3	

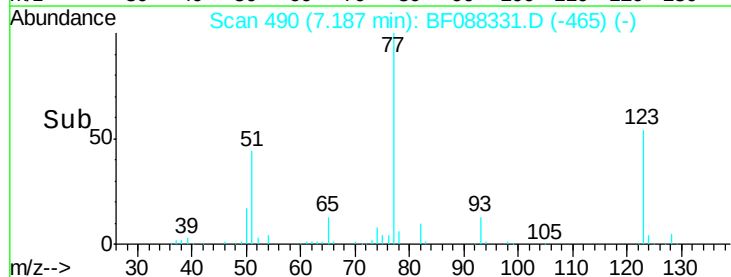
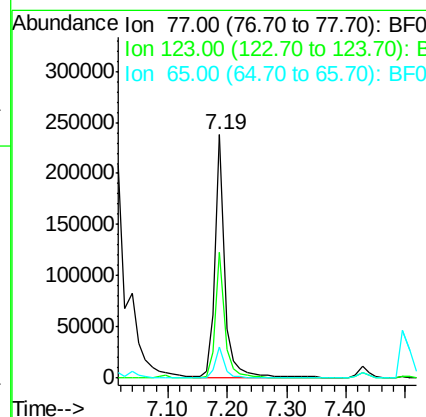
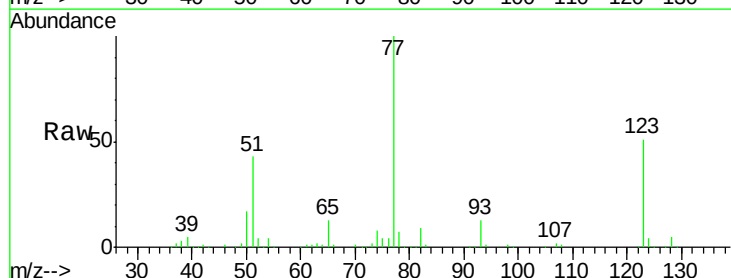
Manual Integrations
 APPROVED

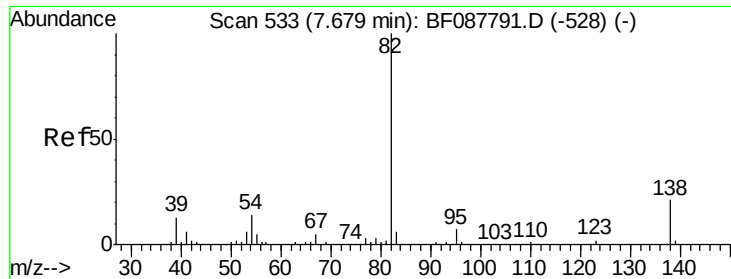
sohil
 6/27/2016 8:11:38 PM



#24
 Nitrobenzene
 Concen: 41.83 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	270327		
123	51.5	45.0	67.4	
65	12.9	10.2	15.2	





#25

Isophorone

Concen: 38.62 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

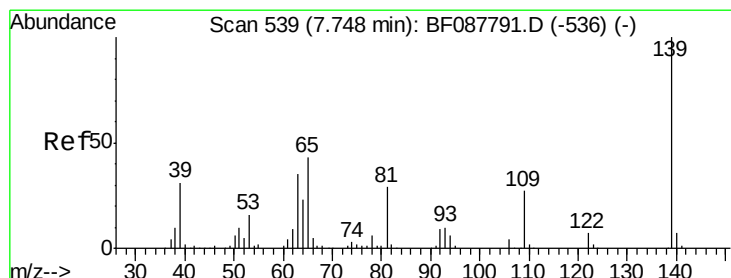
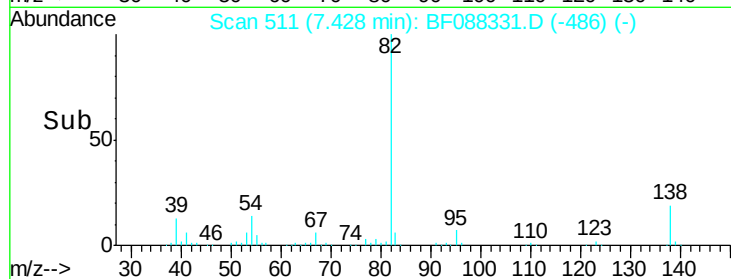
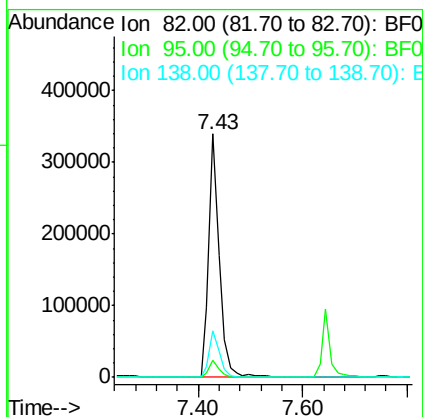
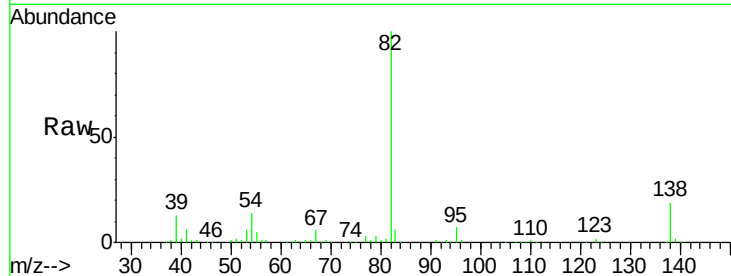
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	19.2	14.6	21.8

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#26

2-Nitrophenol

Concen: 41.98 ng

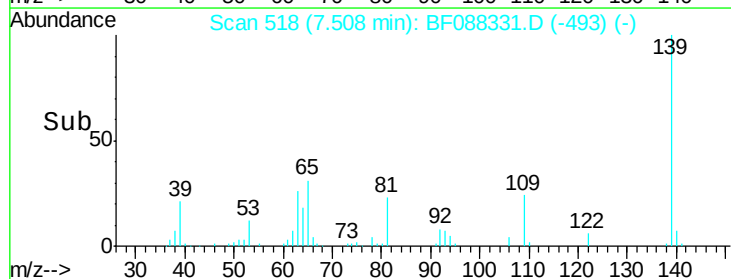
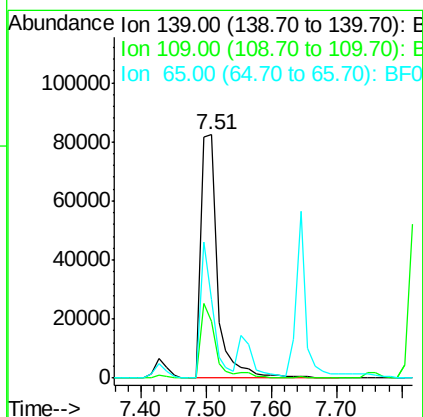
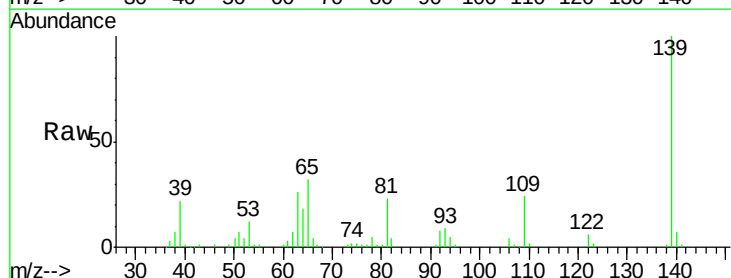
RT: 7.51 min Scan# 518

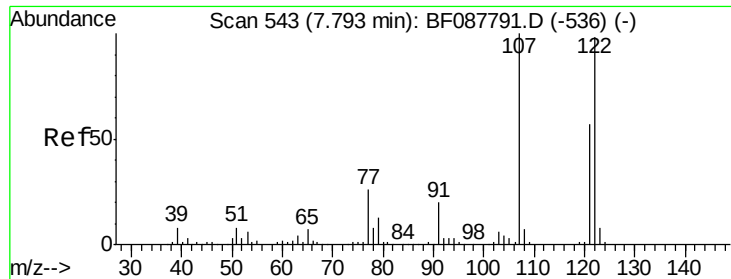
Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.5	23.0	34.4
65	32.3	45.8	68.8#





#27

2,4-Dimethylphenol

Concen: 35.14 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

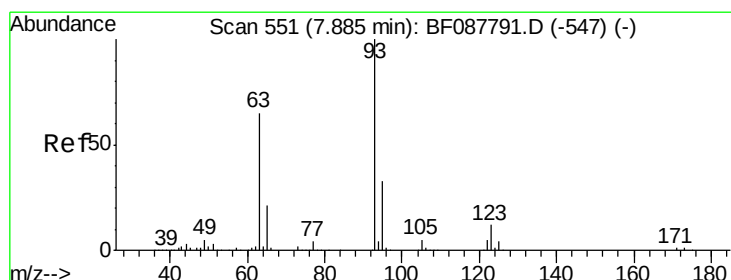
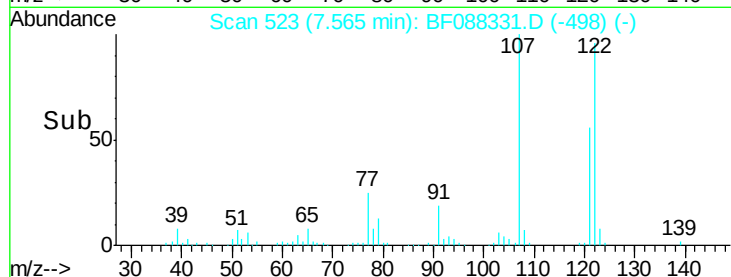
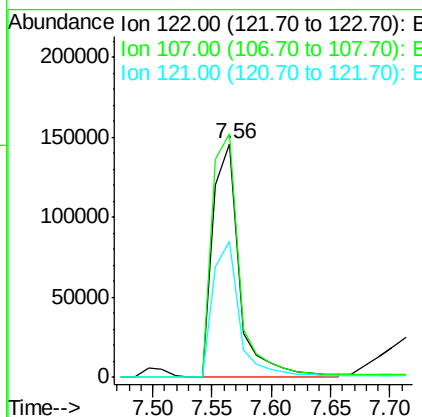
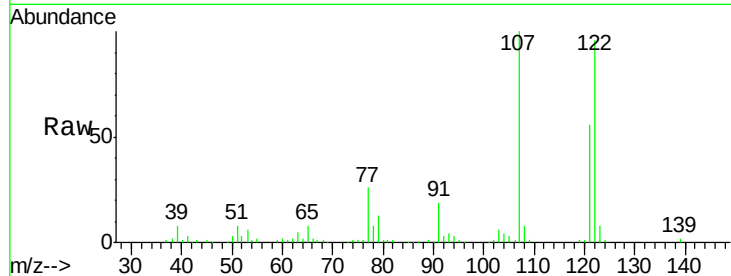
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	224000
Ion Ratio	Lower	Upper	
122	100		
107	104.3	82.4	123.6
121	58.5	46.3	69.5

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.11 ng

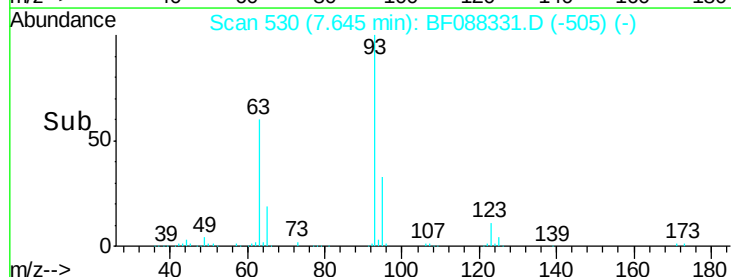
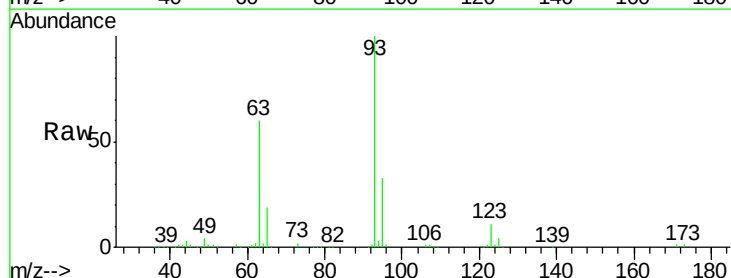
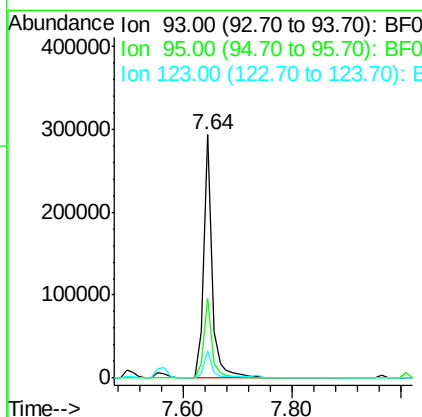
RT: 7.64 min Scan# 530

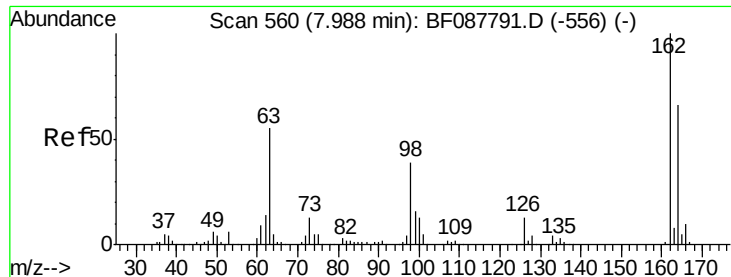
Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	93	Resp:	315087
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	11.3	11.6	17.4#





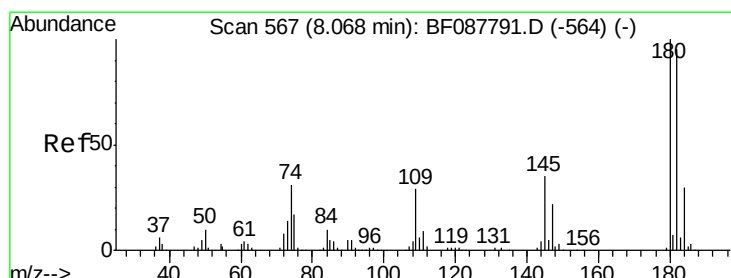
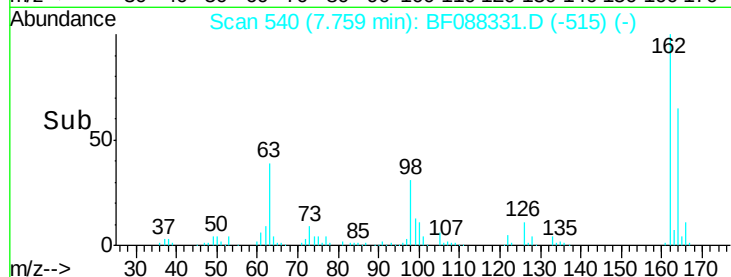
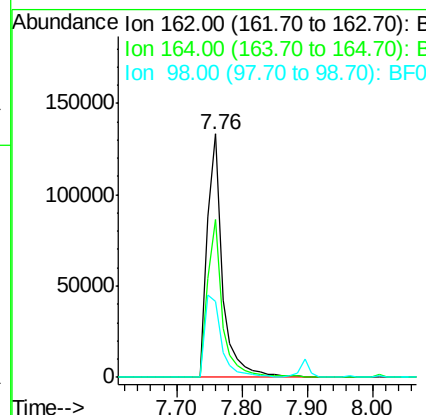
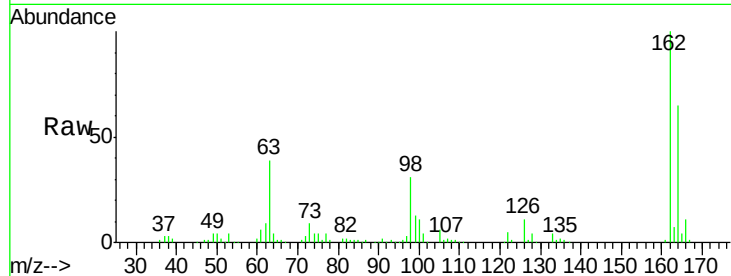
#29
2,4-Dichlorophenol
Concen: 40.26 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	214255		
164	64.8	43.8	83.8	
98	31.1	21.3	61.3	

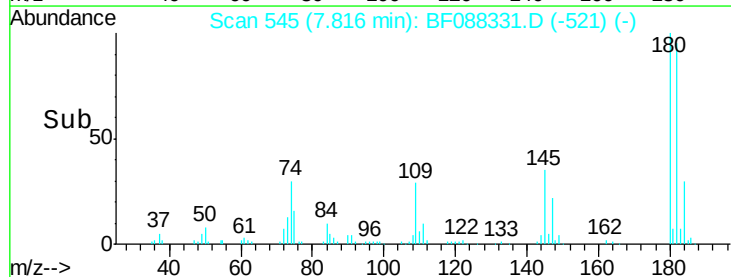
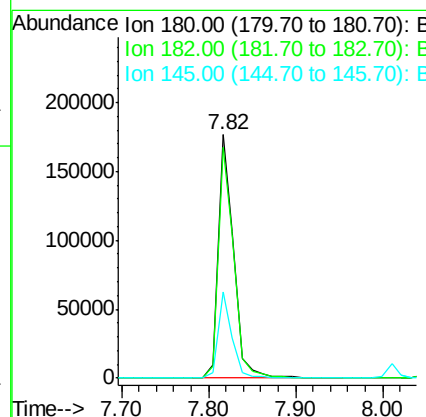
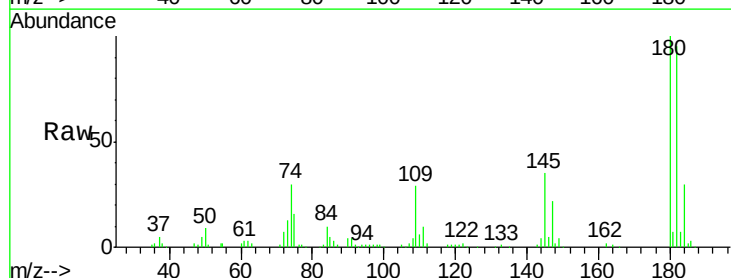
Manual Integrations
APPROVED

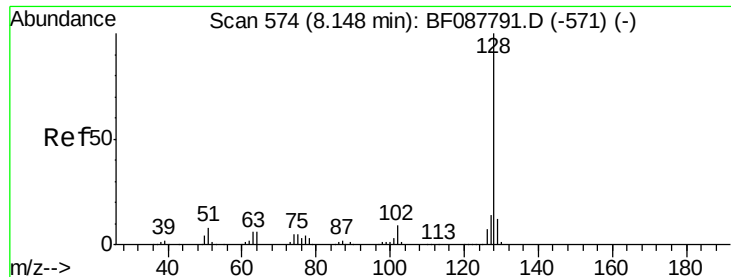
sohil
6/27/2016 8:11:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.94 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	219870		
182	95.0	76.0	114.0	
145	35.4	26.5	39.7	





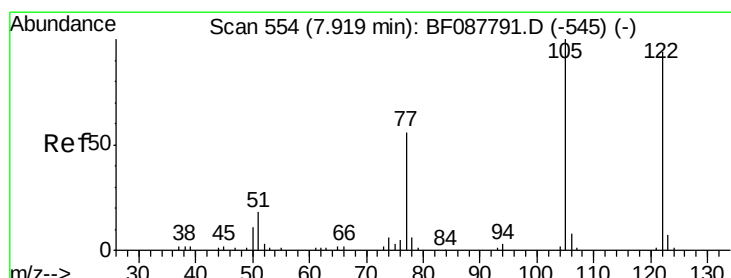
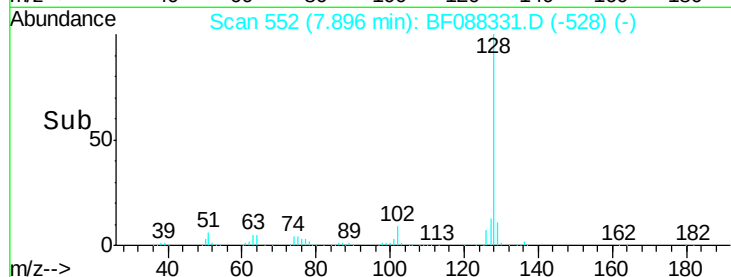
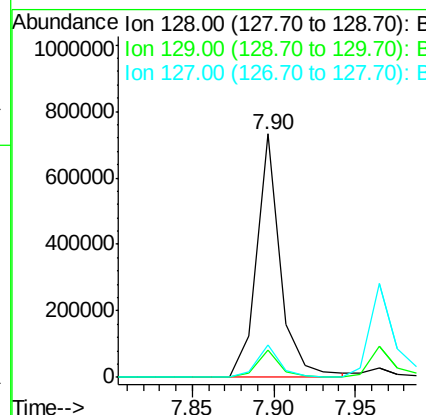
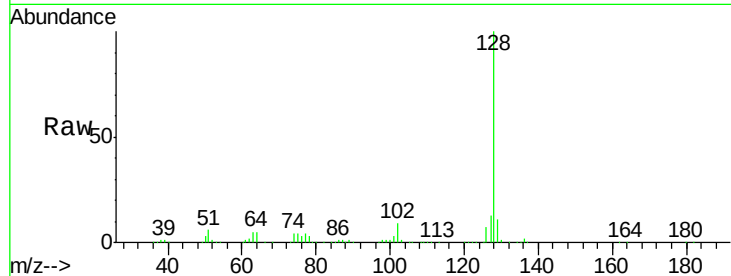
#31
Naphthalene
Concen: 38.45 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	741305		
129	11.3	9.4	14.2	
127	13.3	10.9	16.3	

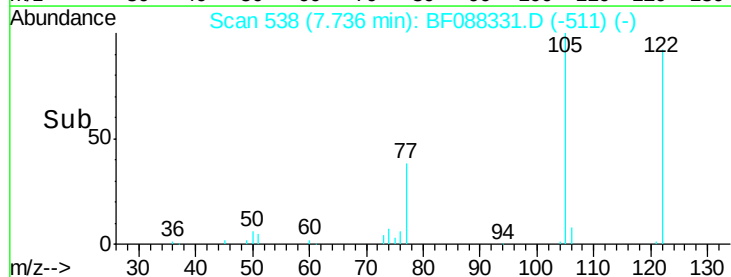
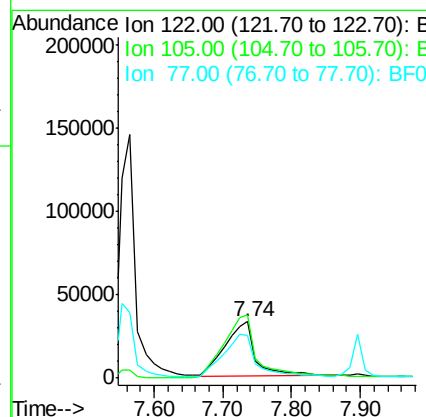
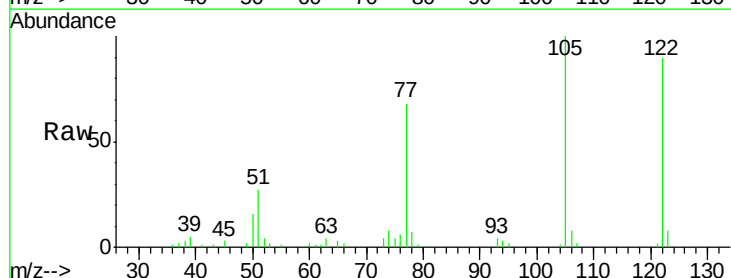
Manual Integrations
APPROVED

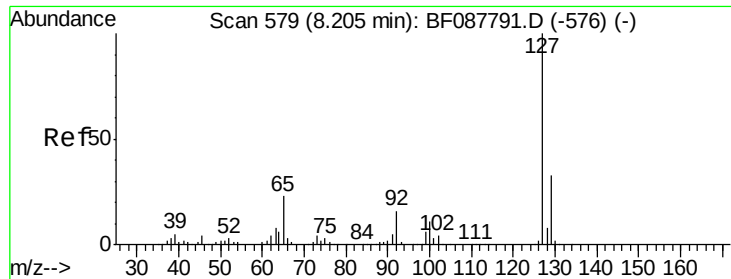
sohil
6/27/2016 8:11:38 PM



#32
Benzoic acid
Concen: 30.58 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107347		
105	111.0	101.6	141.6	
77	75.2	70.6	110.6	





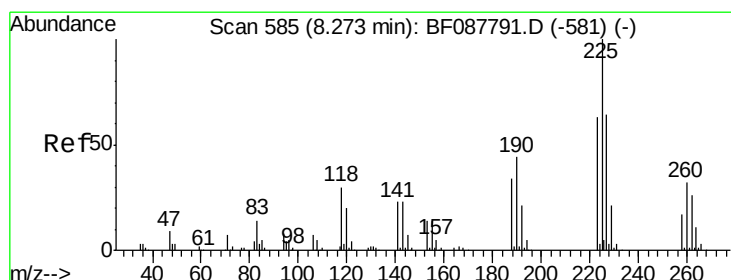
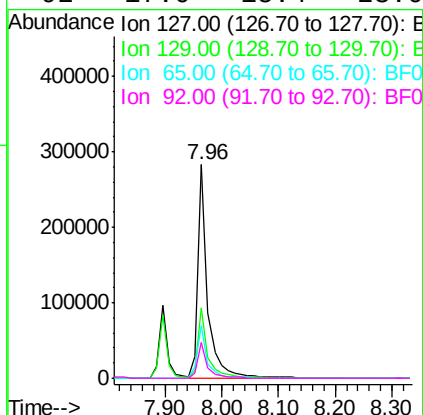
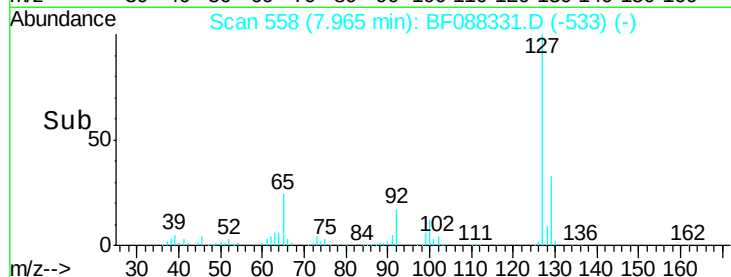
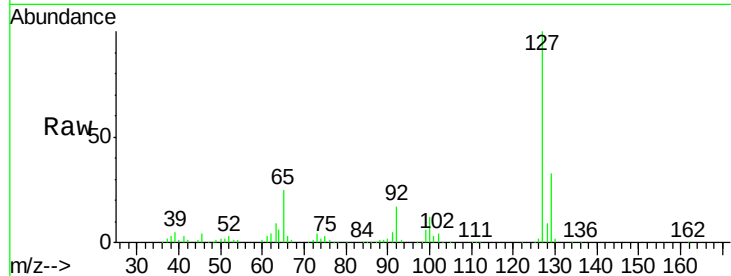
#33
4-Chloroaniline
Concen: 38.82 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.3	39.5	
65	24.6	24.7	37.1	
92	17.0	15.4	23.0	

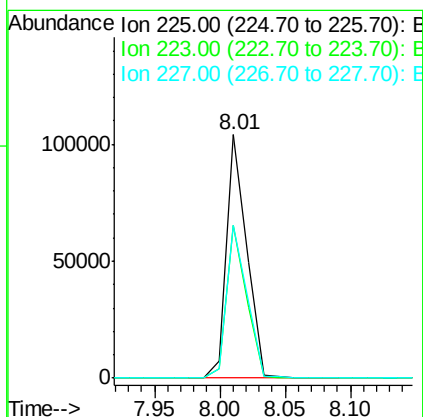
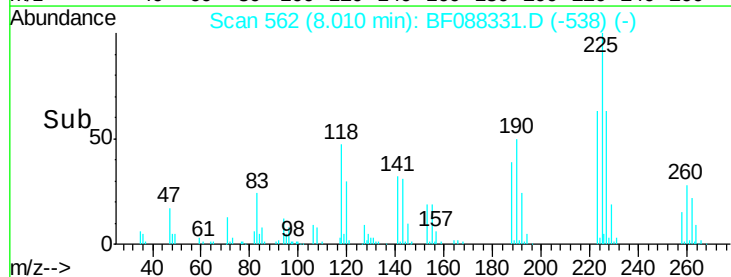
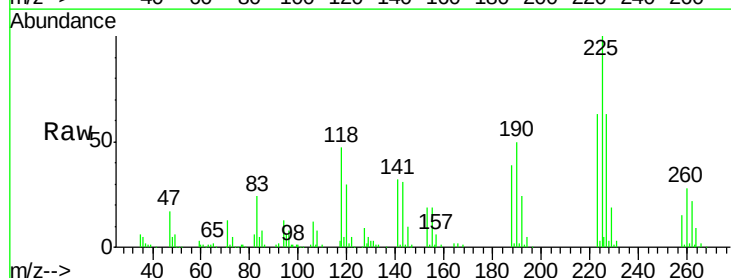
Manual Integrations
APPROVED

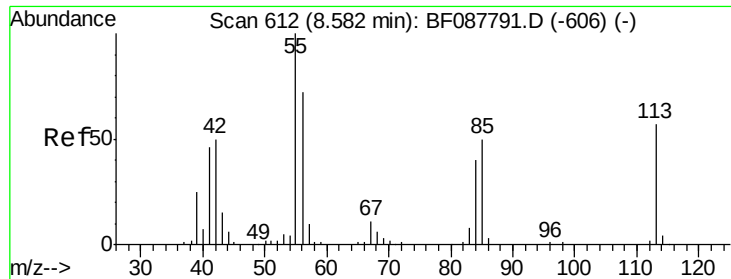
sohil
6/27/2016 8:11:38 PM



#34
Hexachlorobutadiene
Concen: 36.60 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	50.9	76.3	
227	62.7	51.9	77.9	





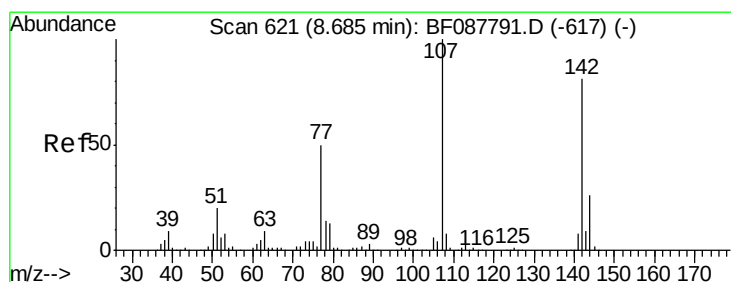
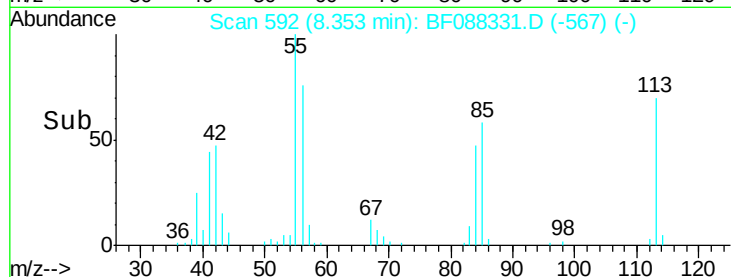
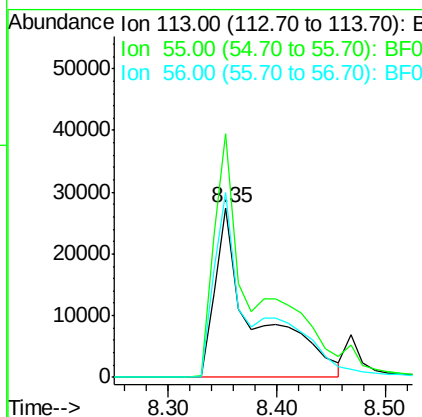
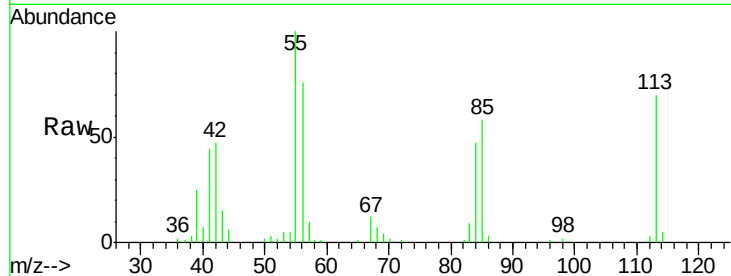
#35
 Caprolactam
 Concen: 40.11 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 70713
 Ion Ratio Lower Upper
 113 100
 55 143.4 158.6 198.6#
 56 108.6 110.6 150.6#

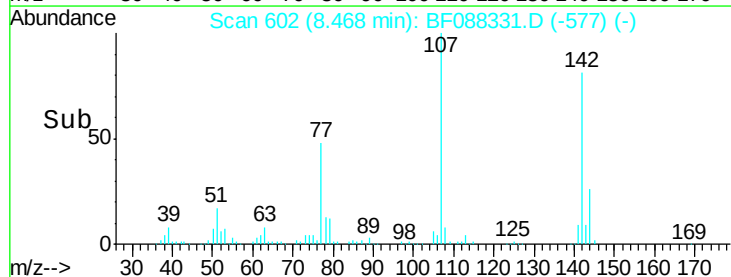
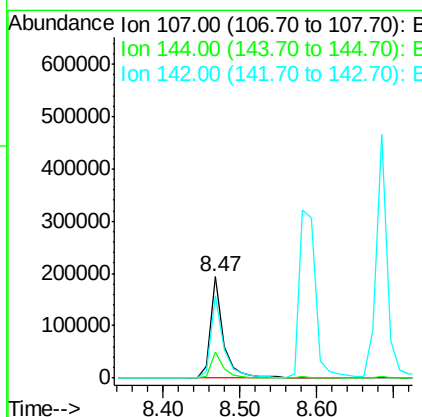
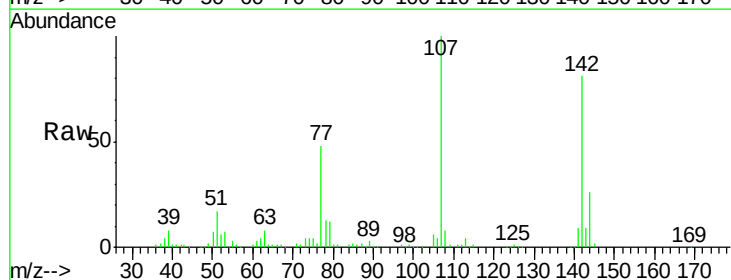
Manual Integrations
 APPROVED

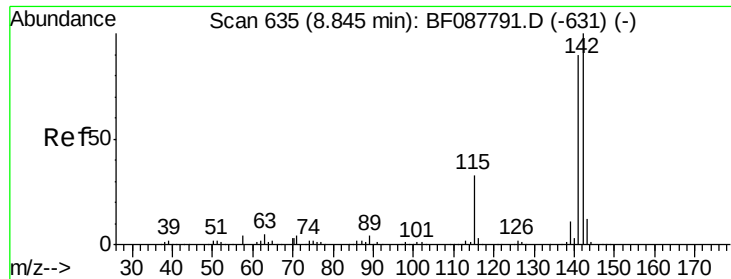
sohil
 6/27/2016 8:11:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.71 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:107 Resp: 226032
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.8 31.2
 142 80.8 63.4 95.2





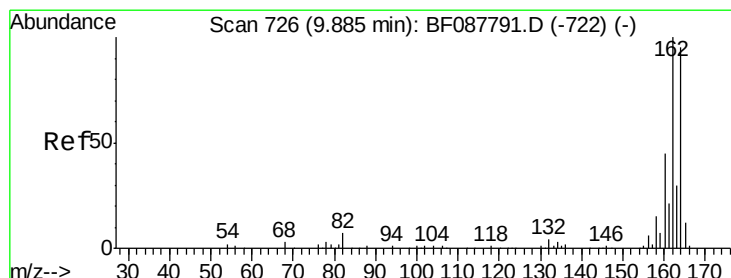
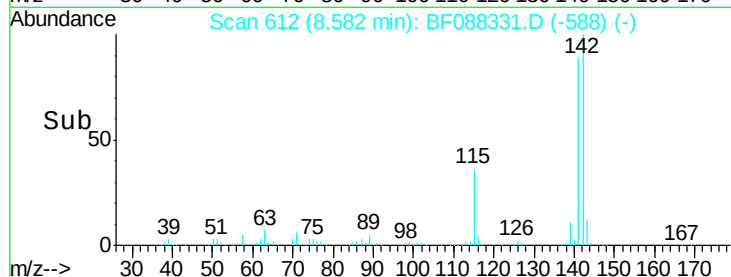
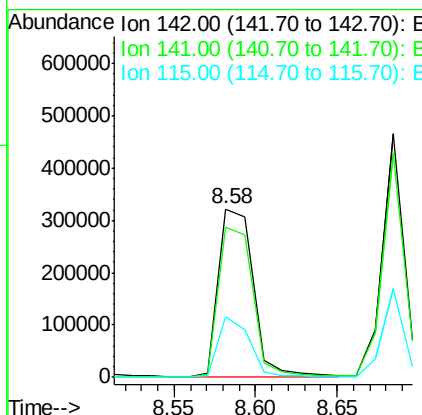
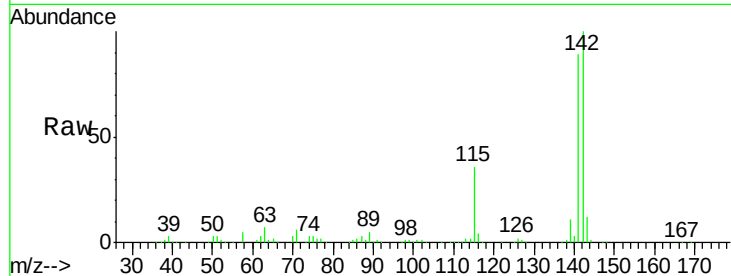
#37
 2-Methylnaphthalene
 Concen: 37.37 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	36.1	22.6	33.8

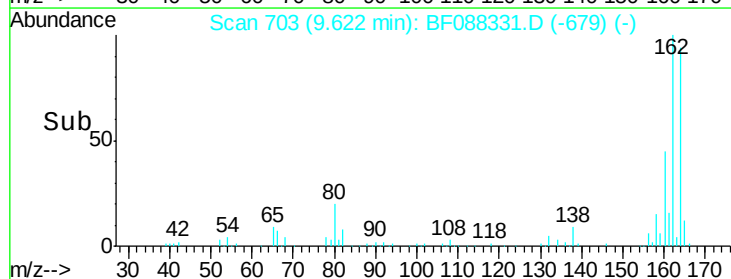
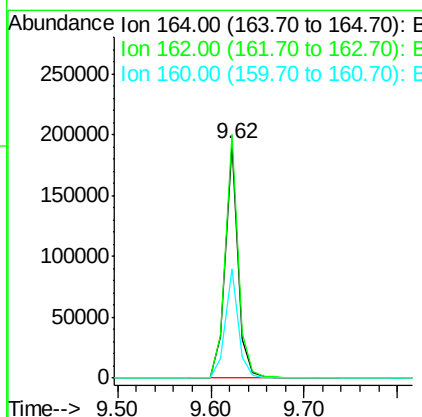
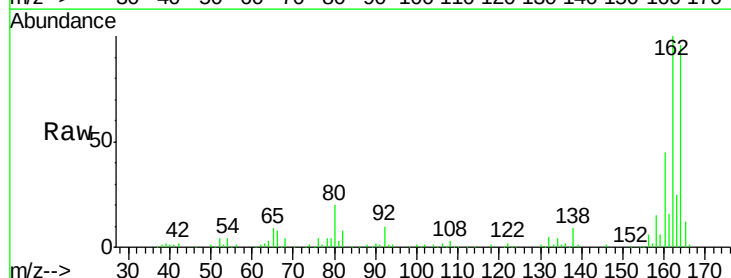
Manual Integrations
 APPROVED

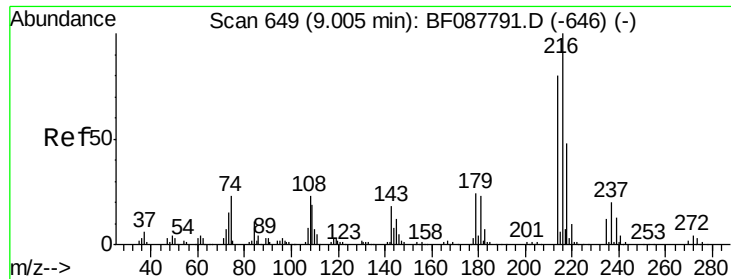
sohil
 6/27/2016 8:11:38 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	47.0	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.82 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

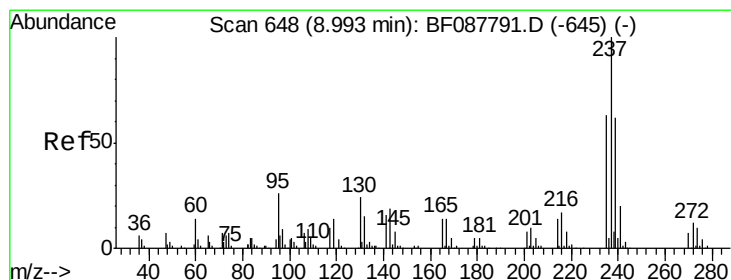
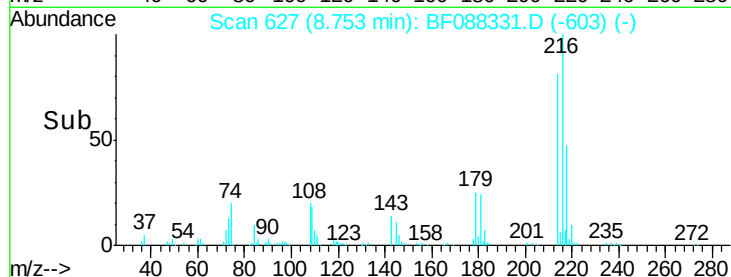
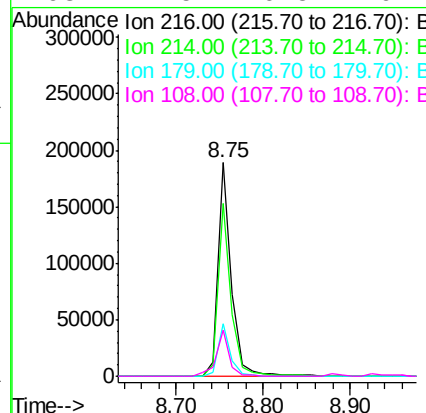
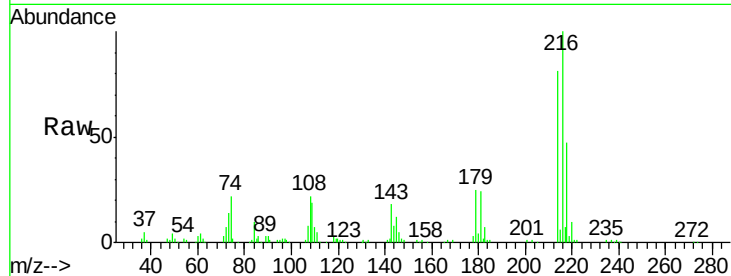
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	204154		
214	79.4	2.9	4.3#	
179	22.9	0.0	0.0#	
108	22.5	0.5	0.7#	

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#40

Hexachlorocyclopentadiene

Concen: 42.14 ng

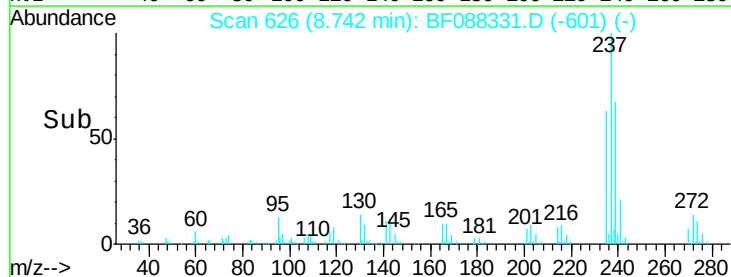
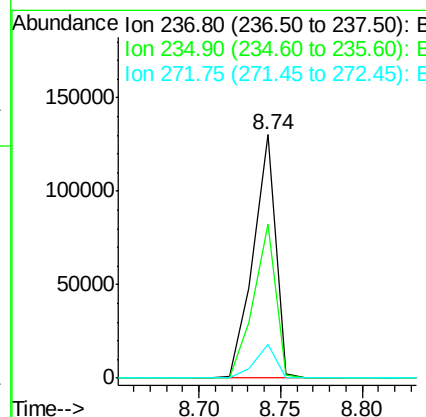
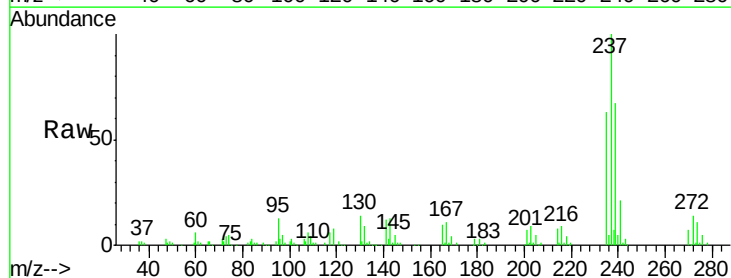
RT: 8.74 min Scan# 626

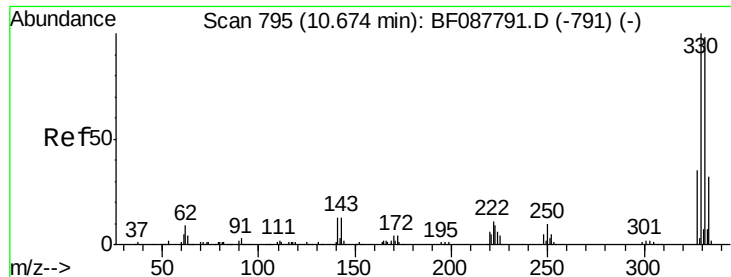
Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	124491		
235	63.2	43.4	83.4	
272	13.9	0.0	32.3	





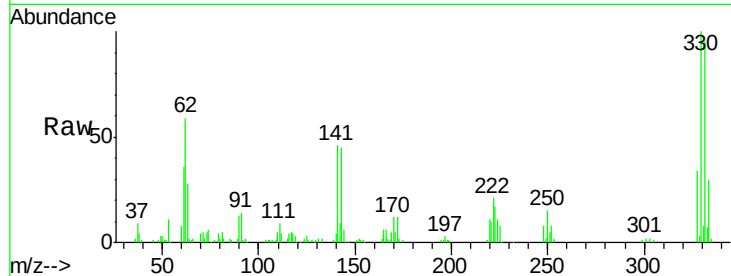
#41
 2,4,6-Tribromophenol
 Concen: 67.75 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

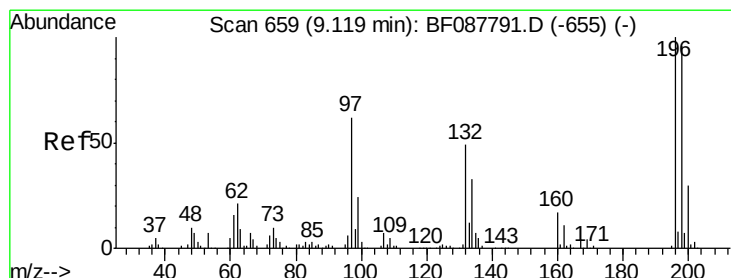
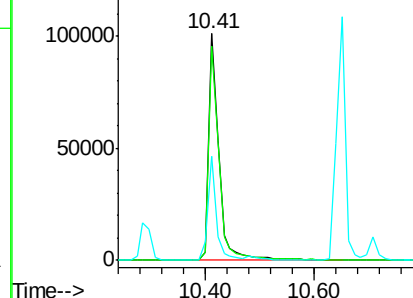
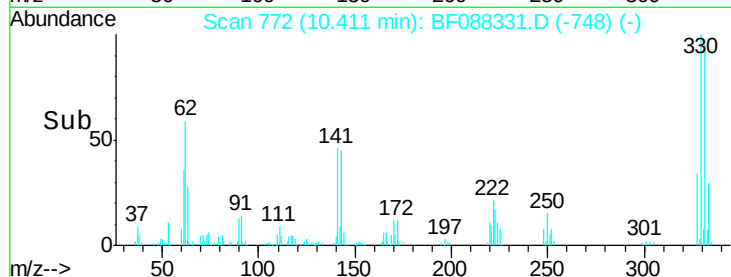
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	131008		
332	96.2	0.0	0.0#	
141	37.8	0.0	0.0#	

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:11:38 PM

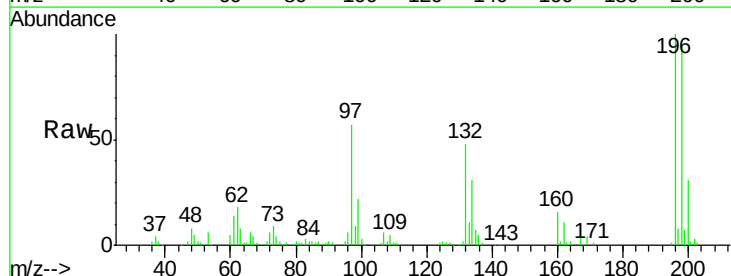


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

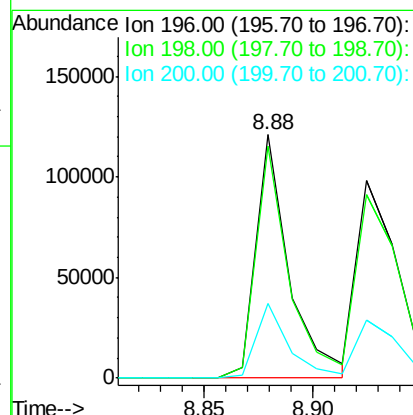
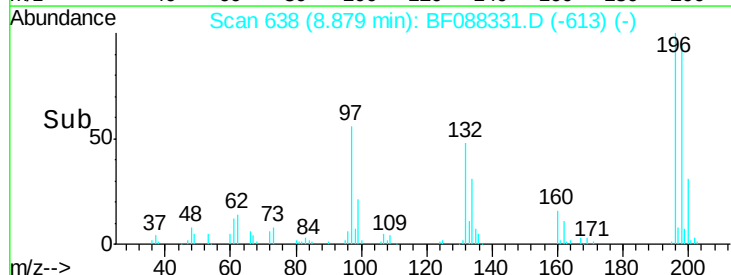


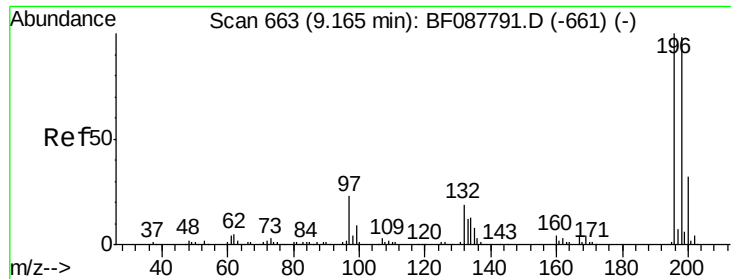
#42
 2,4,6-Trichlorophenol
 Concen: 35.11 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128568		
198	95.3	78.0	117.0	
200	30.6	25.4	38.2	



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





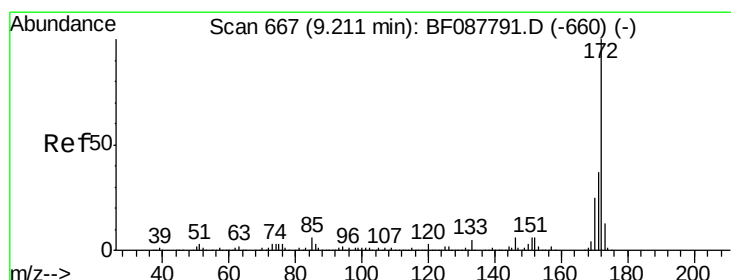
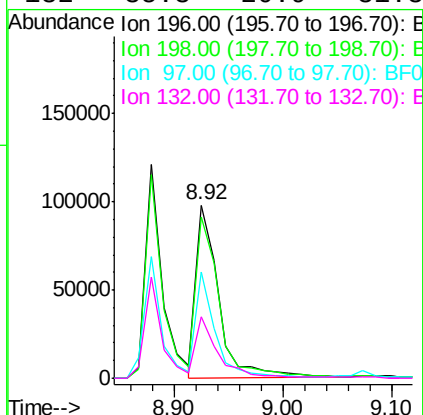
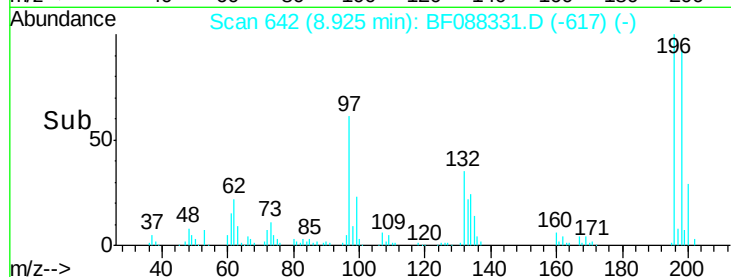
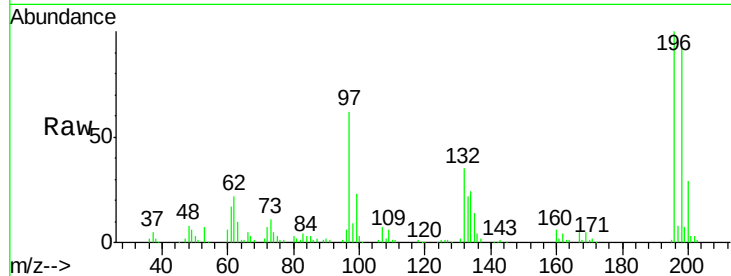
#43
 2,4,5-Trichlorophenol
 Concen: 36.62 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Resp	Lower	Upper
196	100			
198	93.0	77.5	116.3	
97	61.6	32.0	48.0	
132	35.3	20.9	31.3	

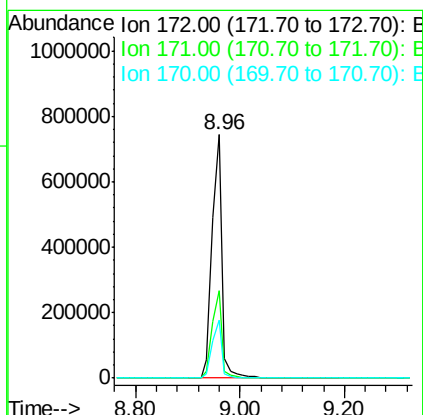
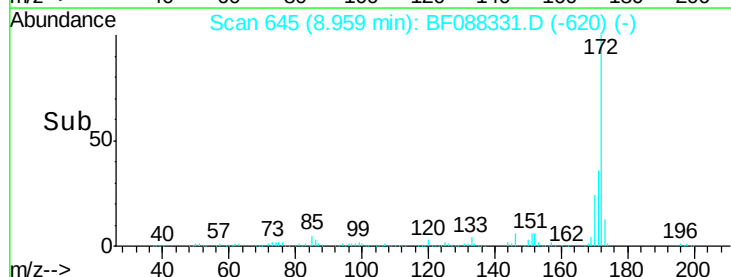
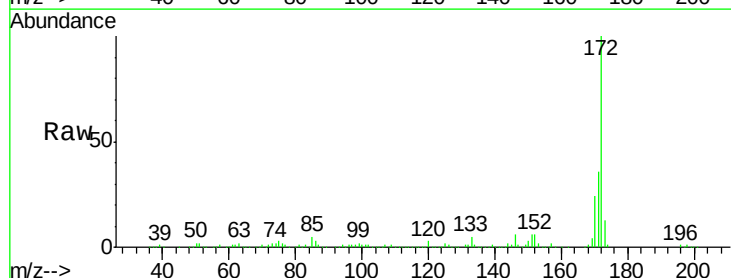
Manual Integrations
 APPROVED

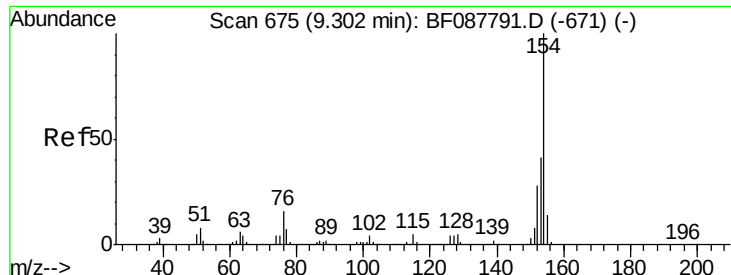
sohil
 6/27/2016 8:11:38 PM



#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt	Ion	Resp	Lower	Upper
172	100			
171	36.0	28.6	43.0	
170	23.8	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 41.11 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

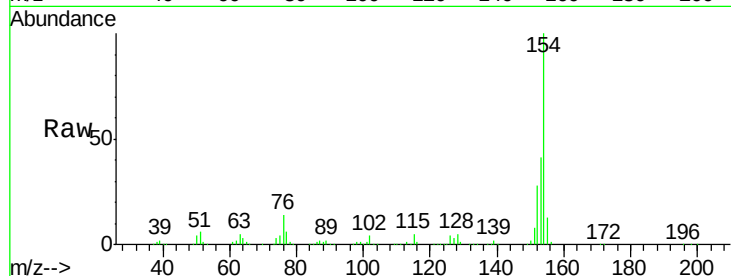
ClientSampleId :

SSTDCCC040

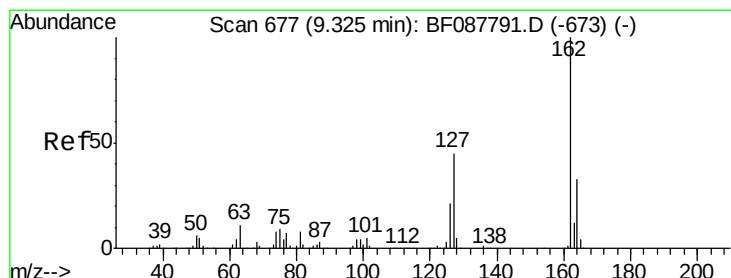
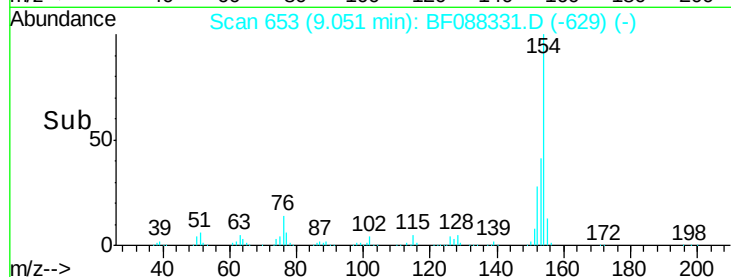
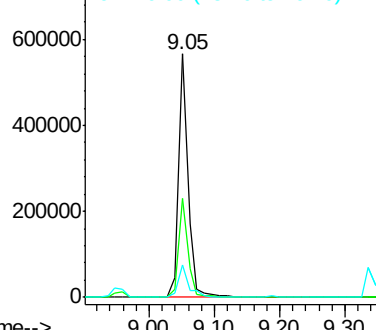
Tgt Ion:	154	Resp:	572479
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	13.6	0.0	35.1

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 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): BFO



#46

2-Chloronaphthalene

Concen: 38.10 ng

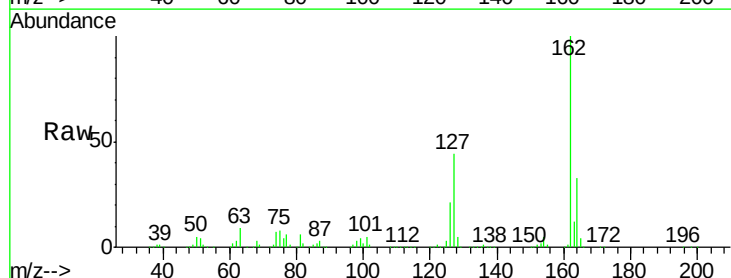
RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

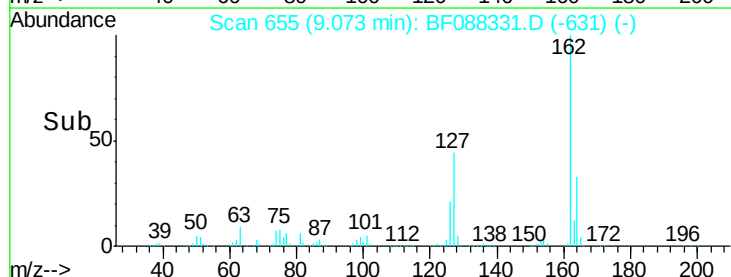
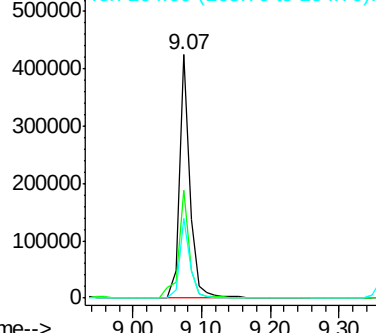
Lab File: BF088331.D

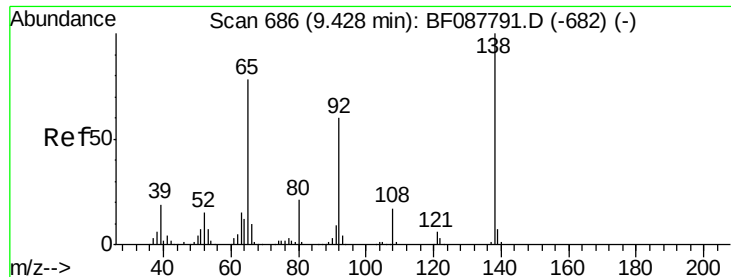
Acq: 24 Jun 2016 15:01

Tgt Ion:	162	Resp:	451463
Ion Ratio	Lower	Upper	
162	100		
127	44.4	35.2	52.8
164	32.9	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.72 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

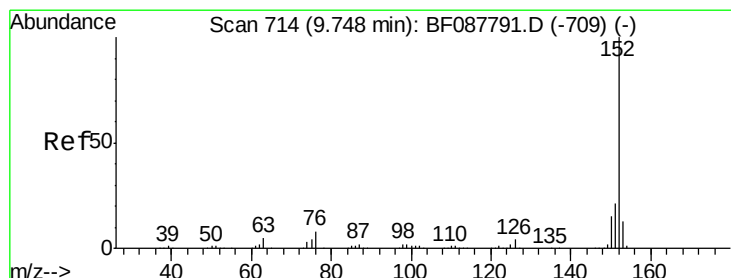
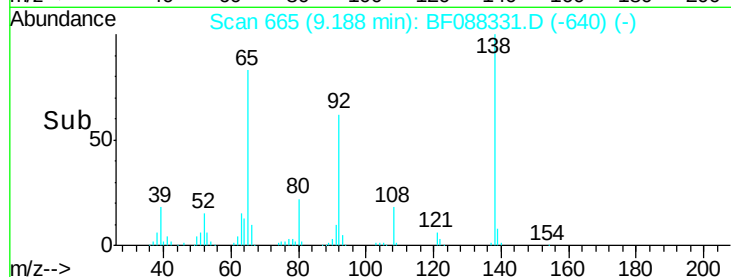
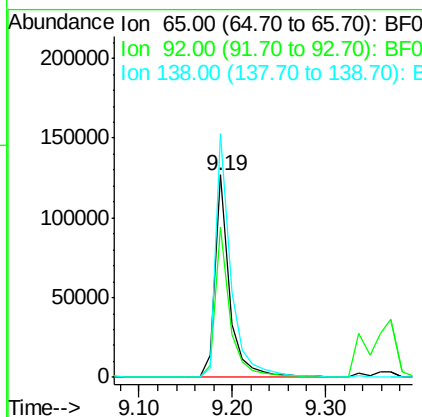
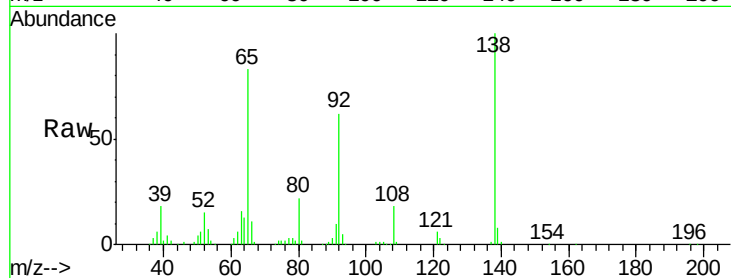
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	54.6	82.0
138	120.5	77.0	115.4

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#48

Acenaphthylene

Concen: 37.79 ng

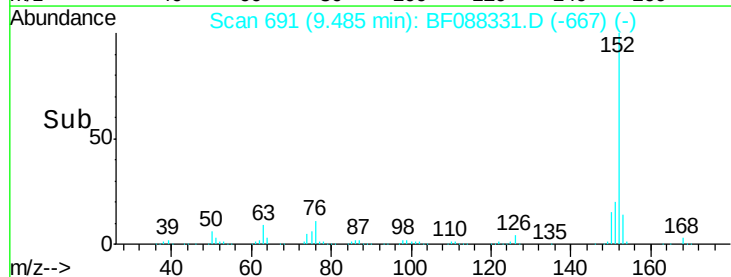
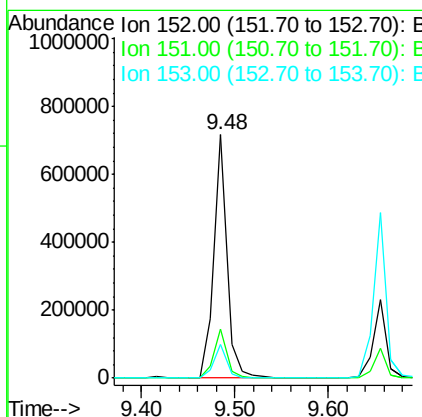
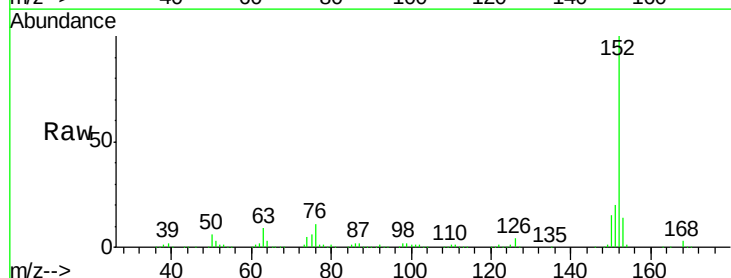
RT: 9.48 min Scan# 691

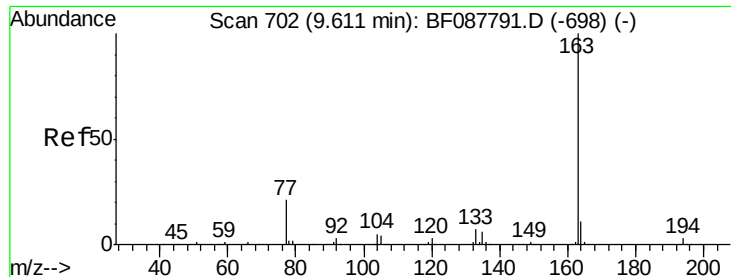
Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.6	11.0	16.6





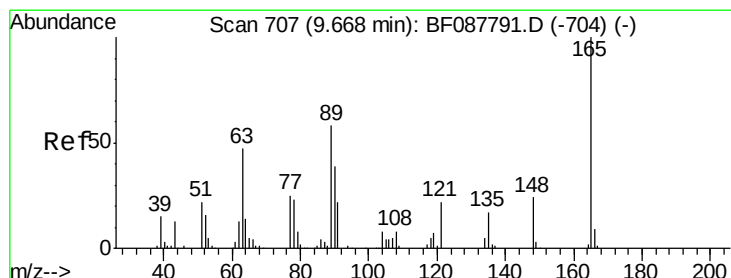
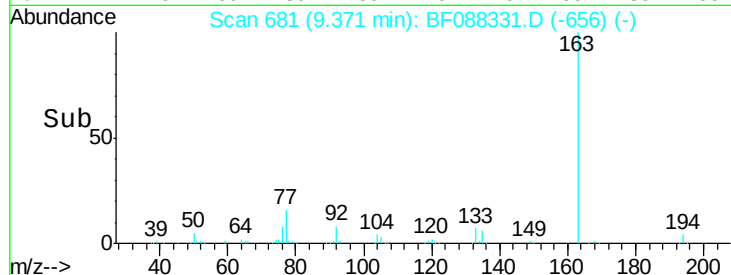
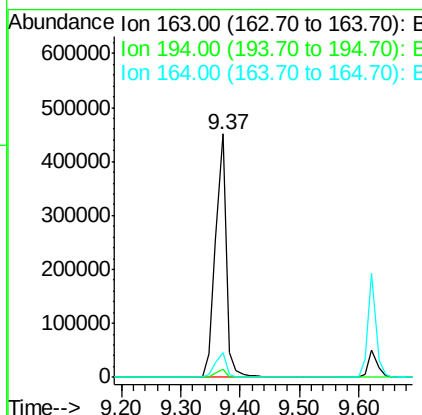
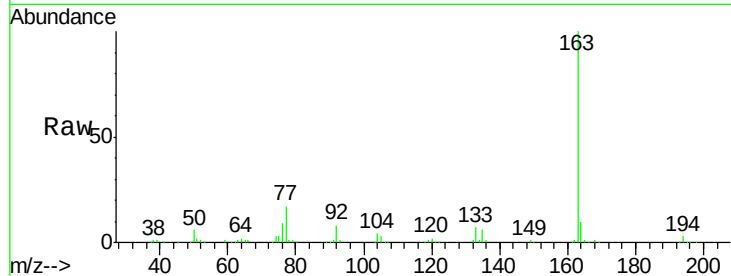
#49
Dimethylphthalate
Concen: 42.76 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.8	4.2
164	9.9	8.3	12.5

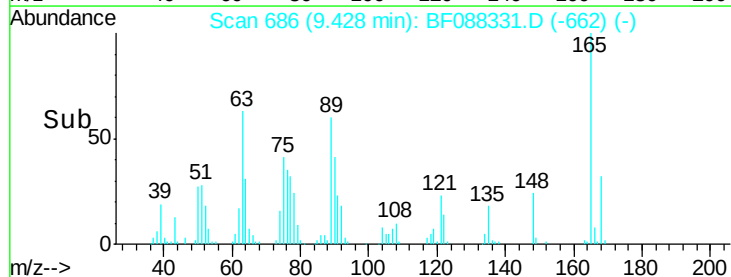
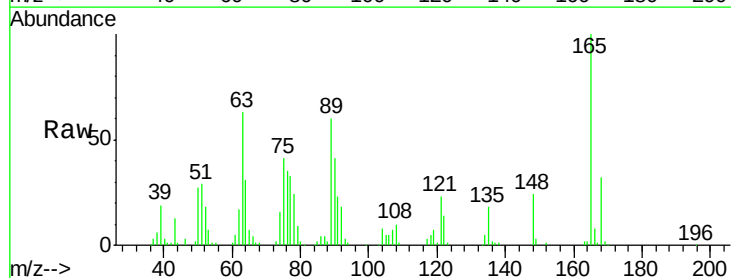
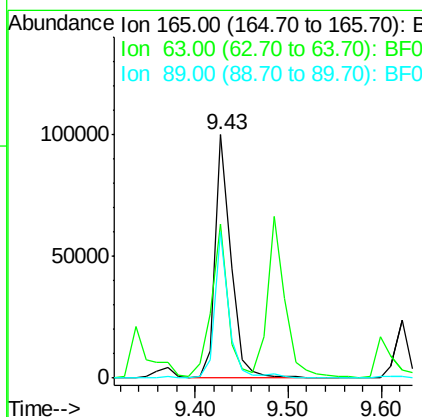
Manual Integrations
APPROVED

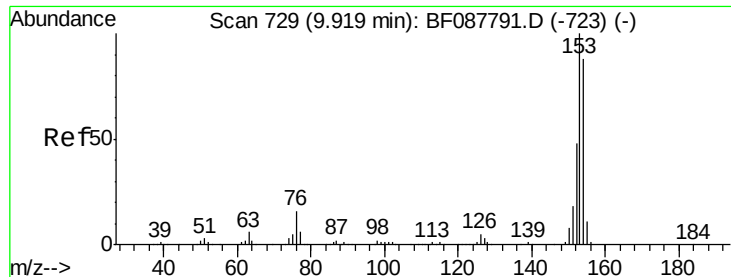
sohil
6/27/2016 8:11:38 PM



#50
2,6-Dinitrotoluene
Concen: 38.65 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	63.4	28.1	42.1#
89	59.9	32.2	48.2#





#51

Acenaphthene

Concen: 35.67 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

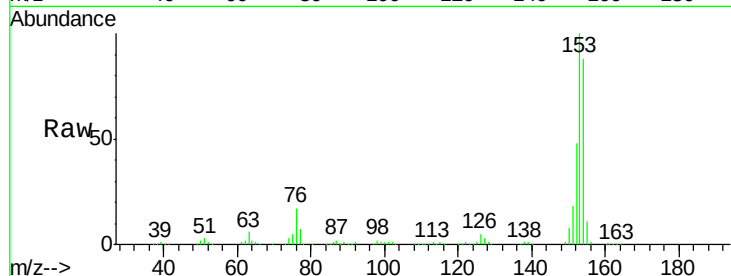
ClientSampleId :

SSTDCCC040

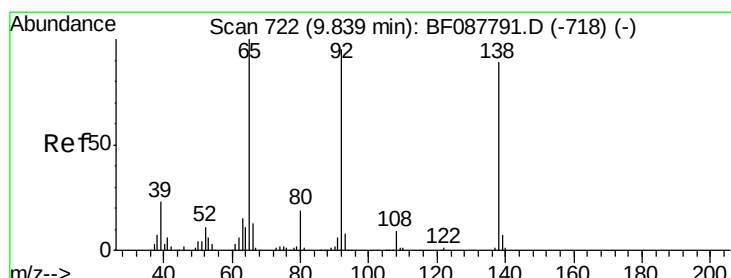
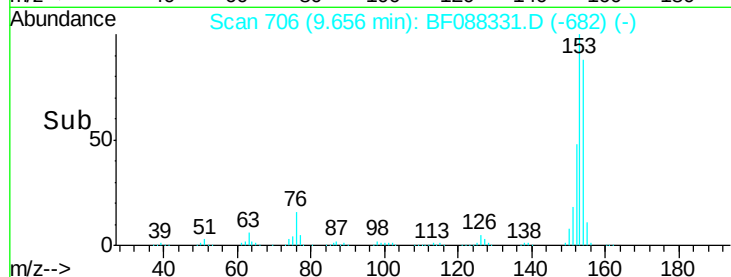
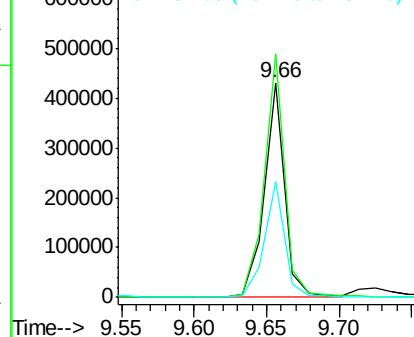
Tgt Ion:	154	Resp:	419486
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.5	134.3
152	54.0	42.7	64.1

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 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: 39.38 ng

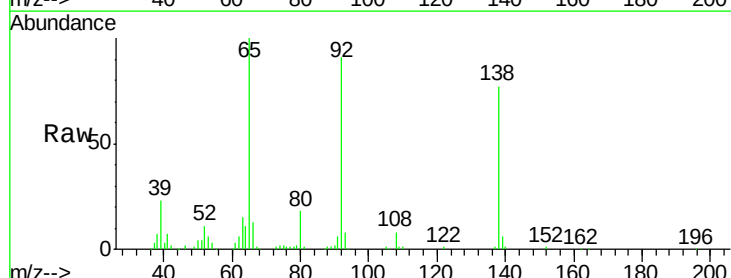
RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

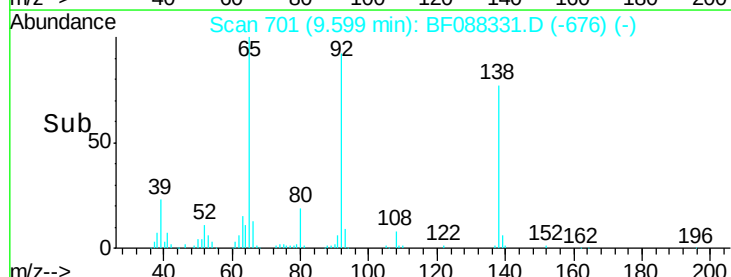
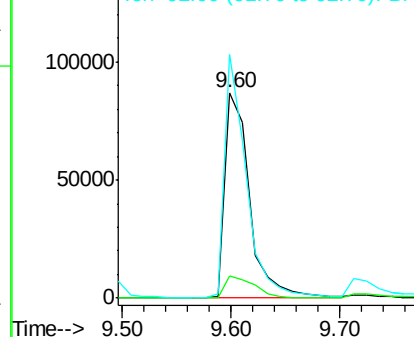
Lab File: BF088331.D

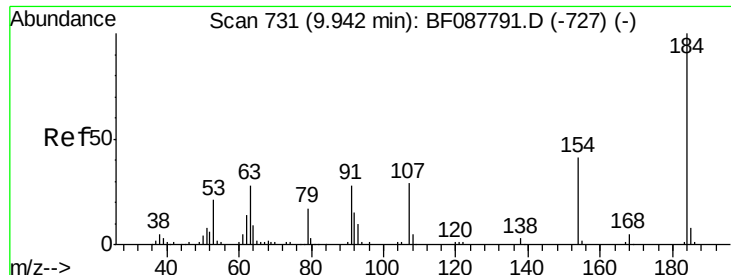
Acq: 24 Jun 2016 15:01

Tgt Ion:	138	Resp:	138042
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.5	12.7
92	118.5	95.7	143.5



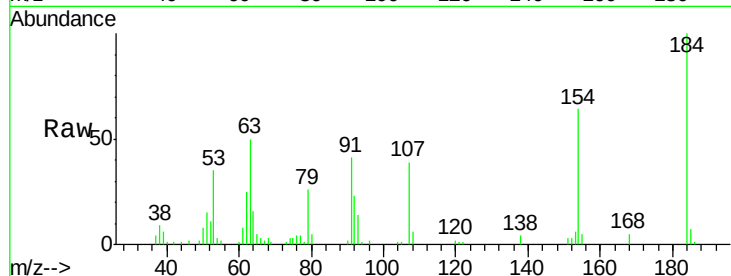
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 44.60 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

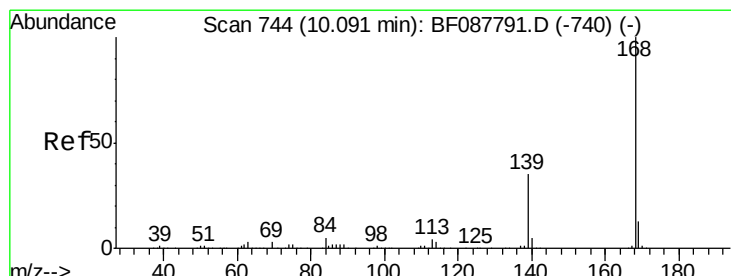
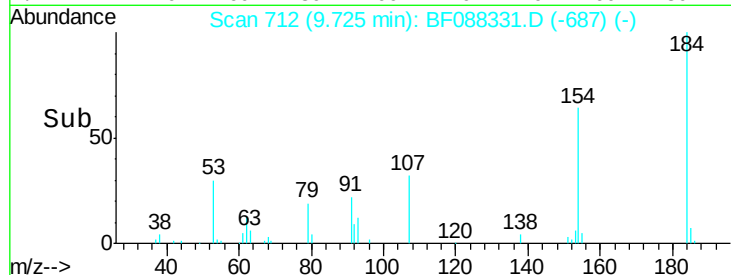
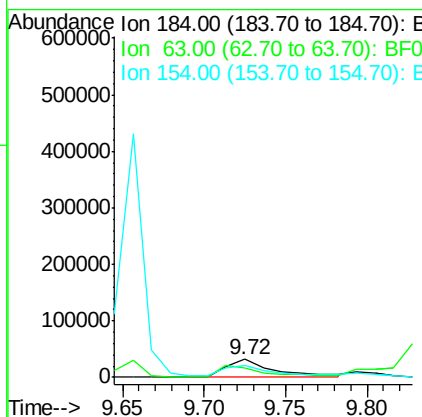
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	64871		
63	50.0	57.6	86.4	#
154	63.8	53.5	80.3	

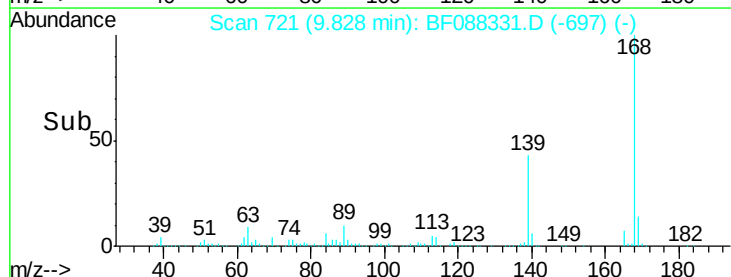
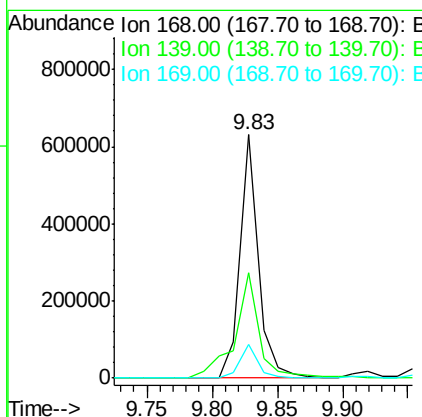
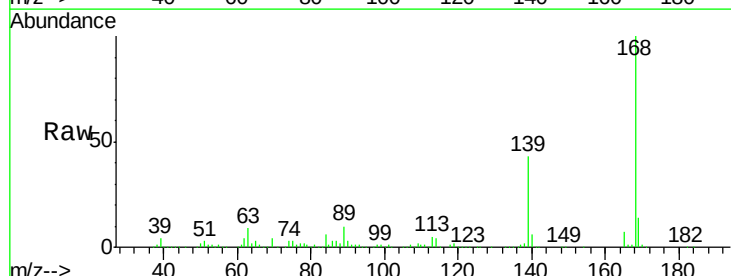
Manual Integrations
 APPROVED

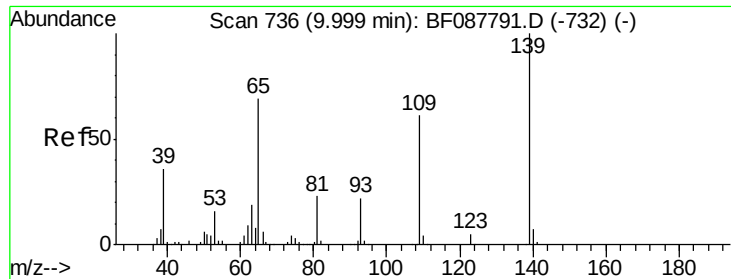
sohil
 6/27/2016 8:11:38 PM



#54
 Dibenzofuran
 Concen: 37.98 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	615114		
139	43.2	26.4	39.6	#
169	13.8	10.4	15.6	





#55

4-Nitrophenol

Concen: 36.11 ng m

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

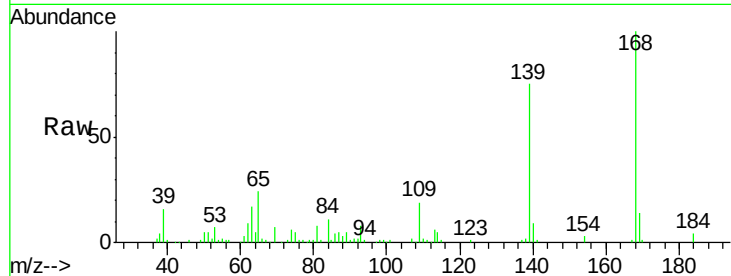
ClientSampleId :

SSTDCCC040

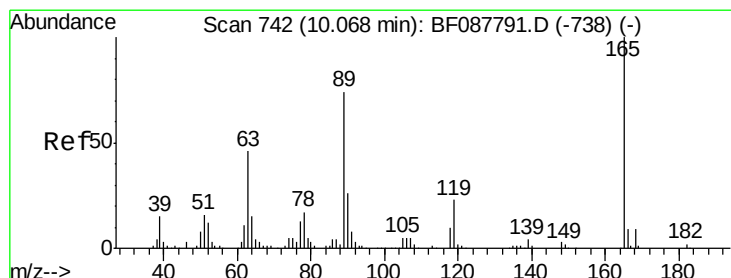
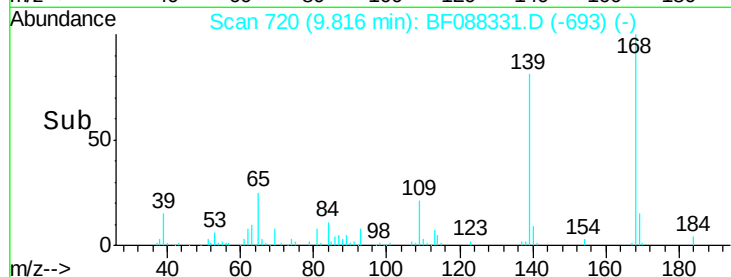
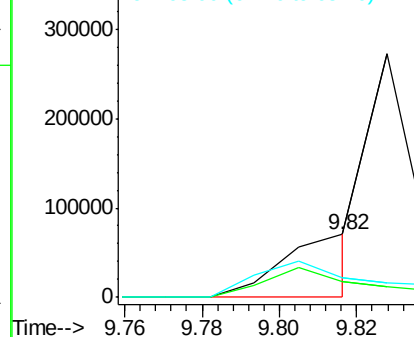
Tgt Ion:	139	Resp:	98260
Ion Ratio	Lower	Upper	
139	100		
109	25.5	48.9	88.9#
65	31.5	84.9	124.9#

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 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: 42.84 ng

RT: 9.84 min Scan# 722

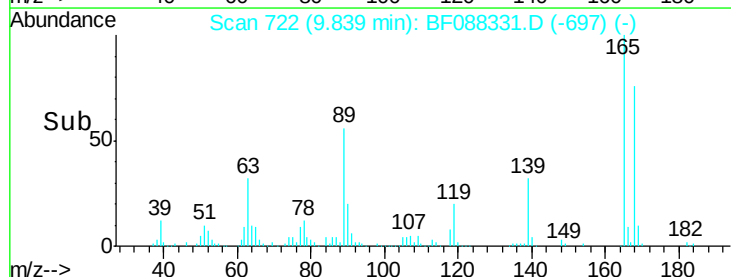
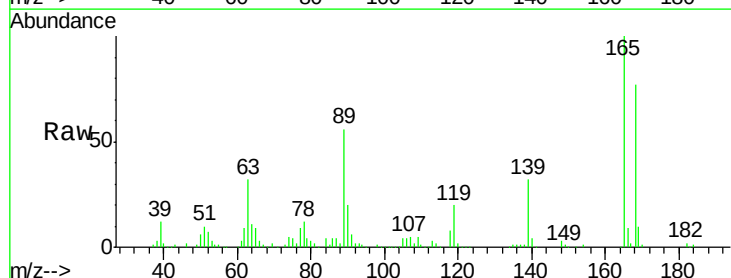
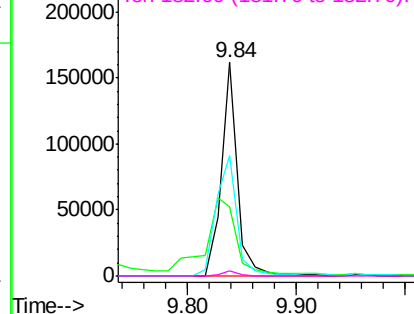
Delta R.T. -0.01 min

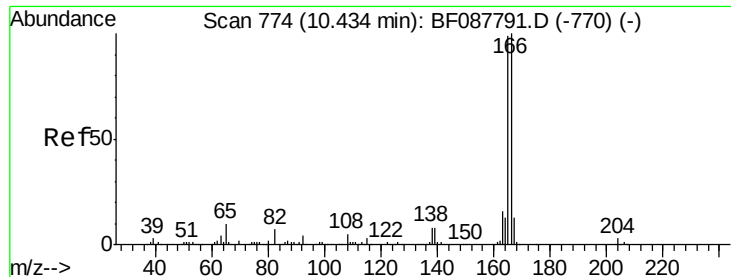
Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	165	Resp:	167247
Ion Ratio	Lower	Upper	
165	100		
63	32.3	22.0	33.0
89	56.1	41.1	61.7
182	2.4	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





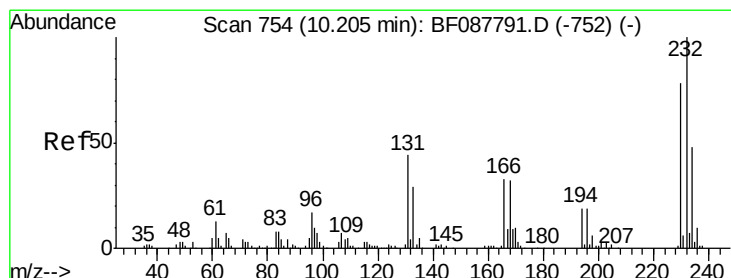
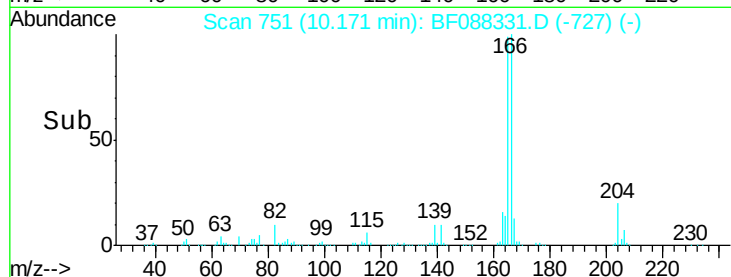
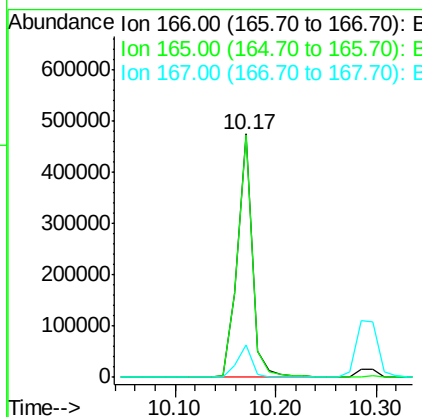
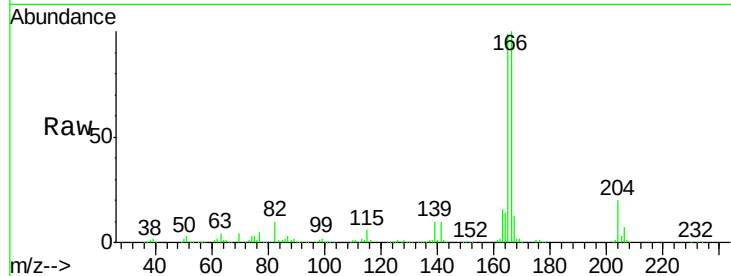
#57
 Fluorene
 Concen: 45.30 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	495401		
165	99.3	77.8	116.8	
167	13.2	11.2	16.8	

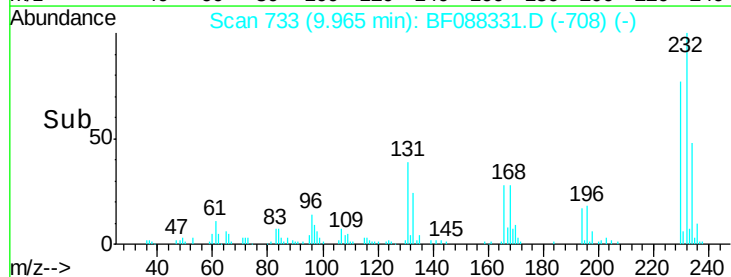
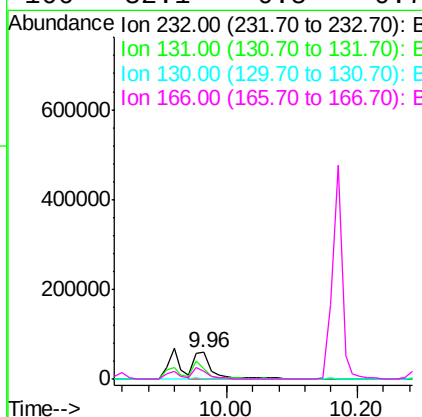
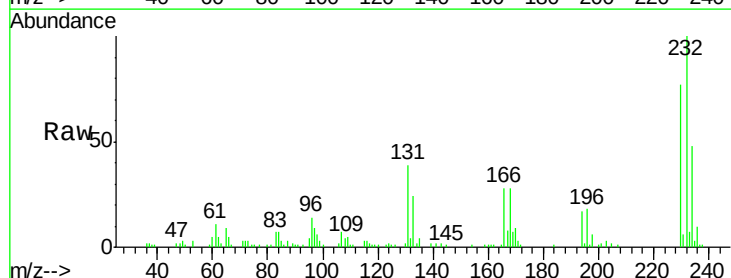
Manual Integrations
 APPROVED

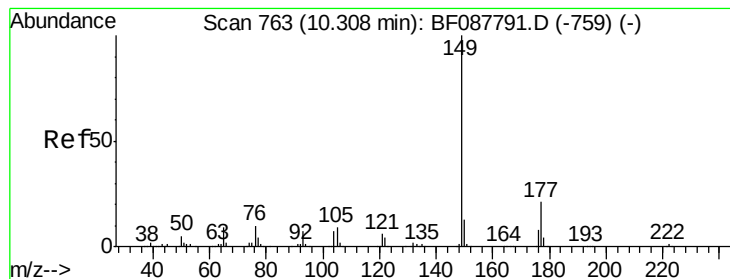
sohil
 6/27/2016 8:11:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.08 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	114032		
131	44.7	0.9	1.3#	
130	2.1	1.5	2.3	
166	32.1	0.5	0.7#	





#59

Diethylphthalate

Concen: 37.75 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

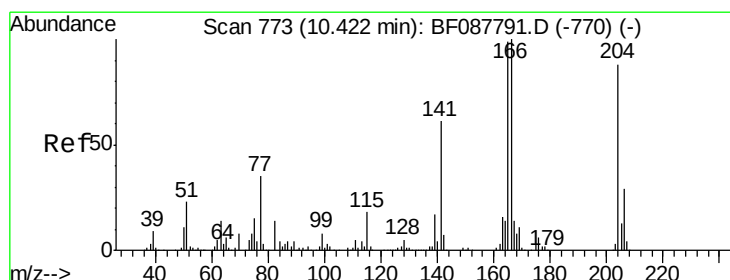
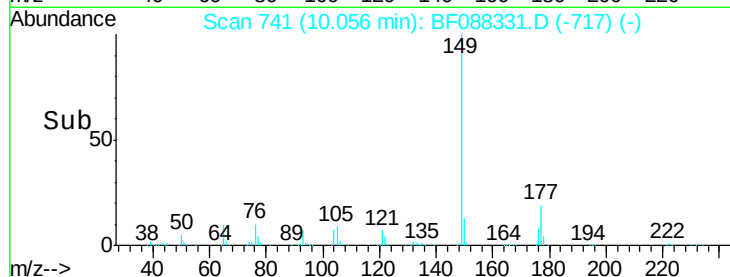
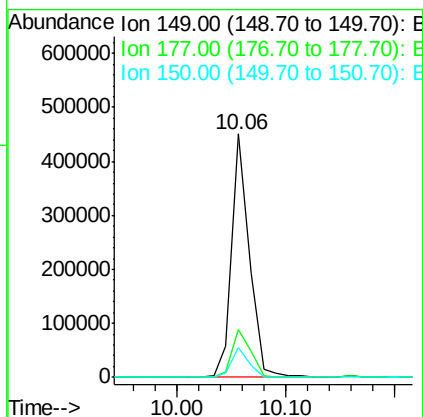
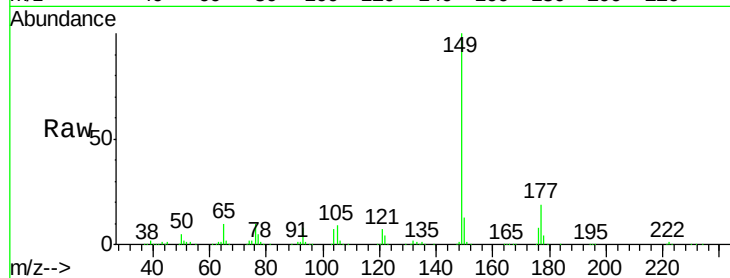
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	506948
Ion Ratio	Lower	Upper	
149	100		
177	19.4	16.9	25.3
150	12.5	10.1	15.1

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#60

4-Chlorophenyl-phenylether

Concen: 36.37 ng

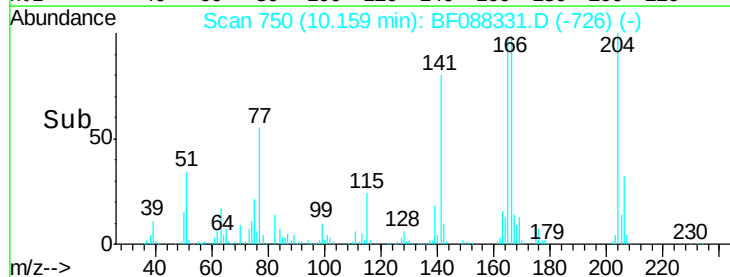
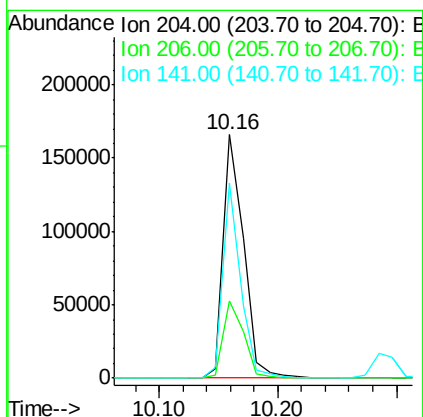
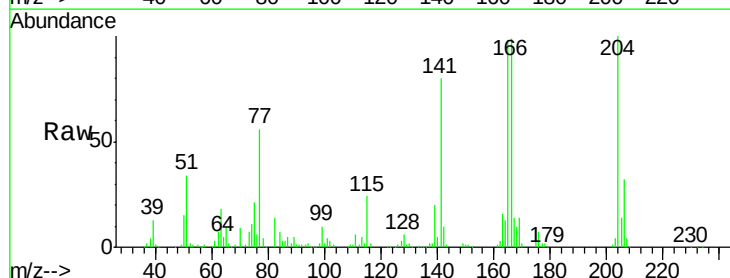
RT: 10.16 min Scan# 750

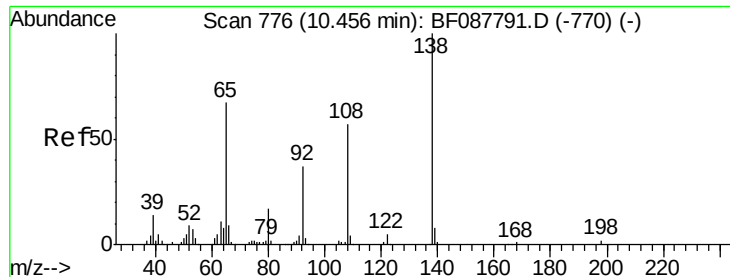
Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	204	Resp:	195870
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.3	39.5
141	79.8	55.0	82.6





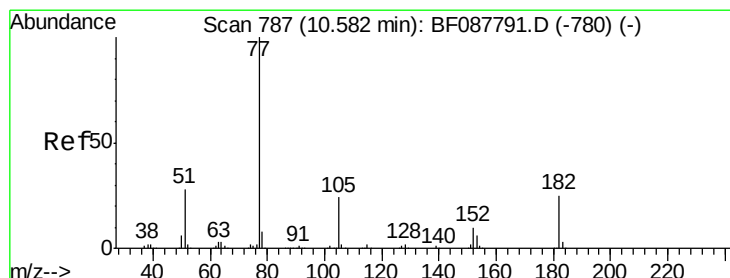
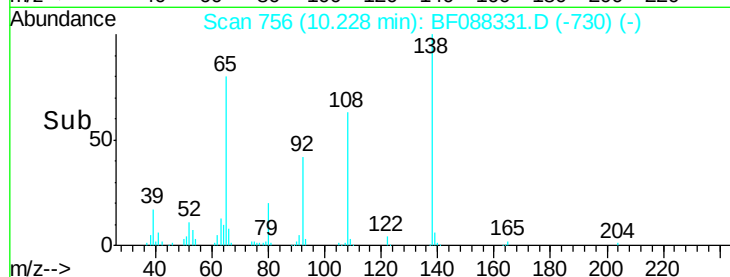
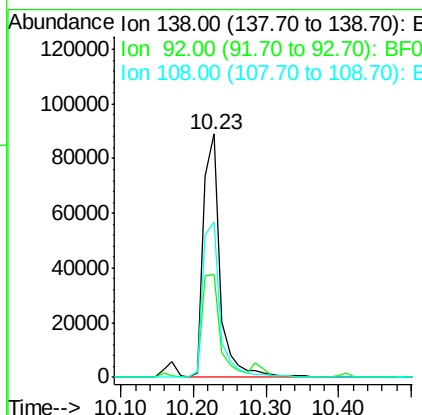
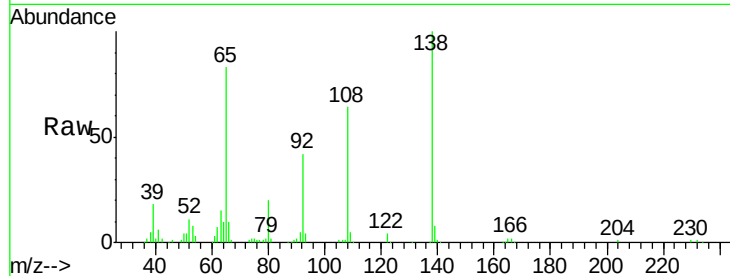
#61
4-Nitroaniline
Concen: 42.94 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.2	27.3	67.3
108	63.8	46.7	86.7

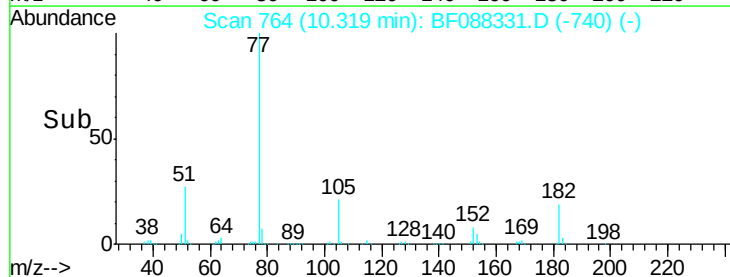
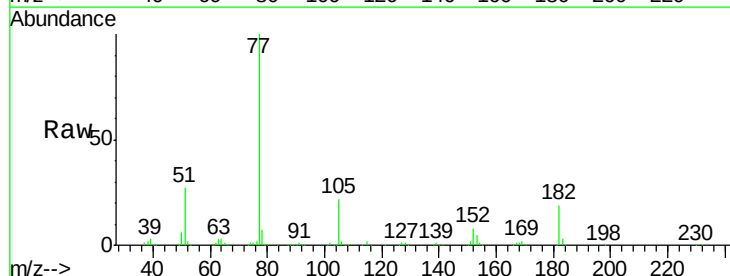
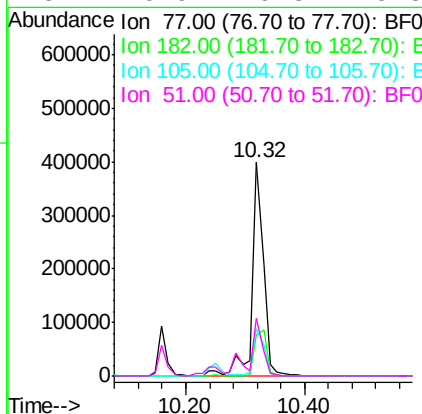
Manual Integrations
APPROVED

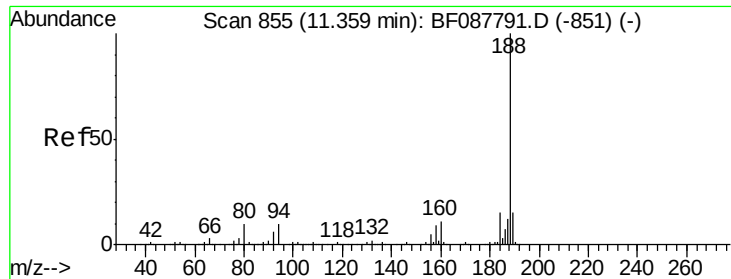
sohil
6/27/2016 8:11:38 PM



#62
Azobenzene
Concen: 39.15 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.9	4.4	44.4
105	22.5	3.8	43.8
51	26.9	9.3	49.3





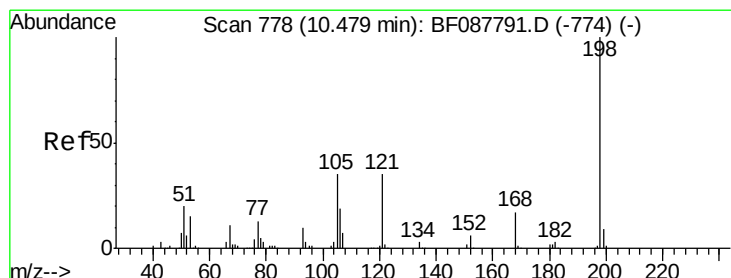
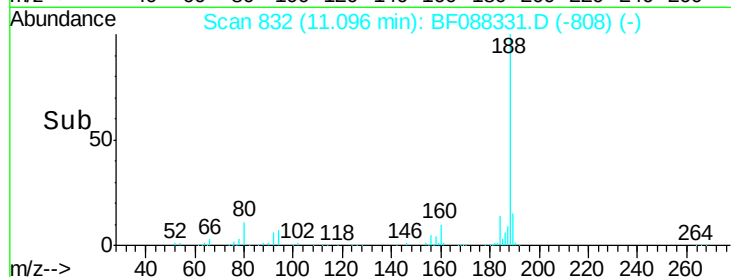
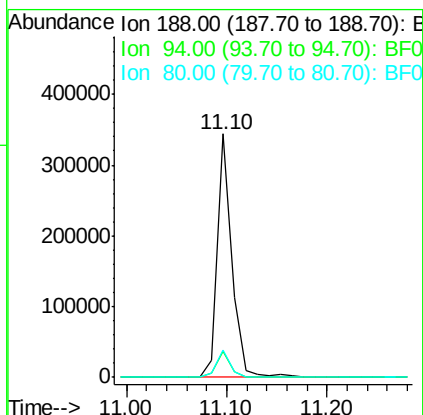
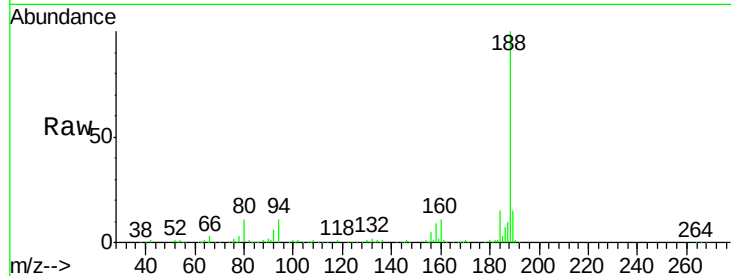
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	346012		
94	10.6	9.0	13.6	
80	11.1	10.0	15.0	

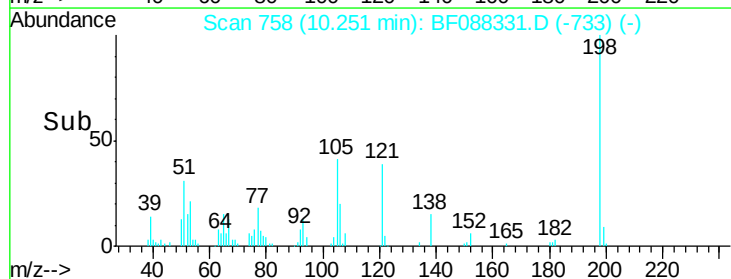
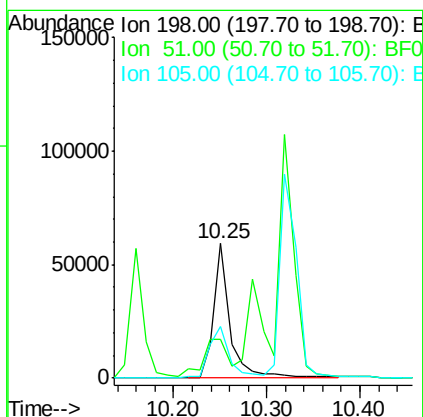
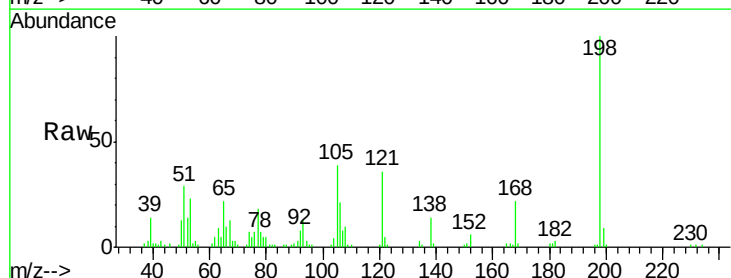
Manual Integrations
APPROVED

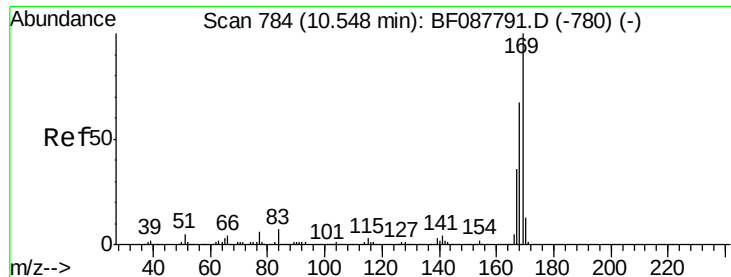
sohil
6/27/2016 8:11:38 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.55 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	73268		
51	29.0	39.6	79.6#	
105	38.6	36.6	76.6	





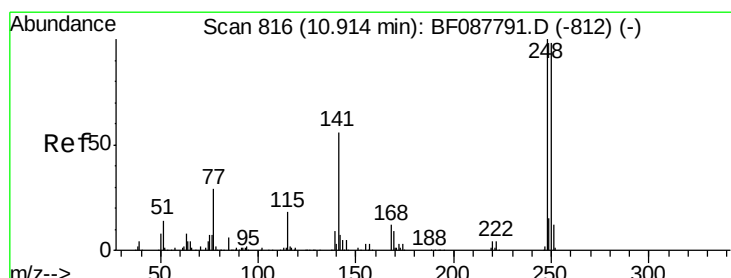
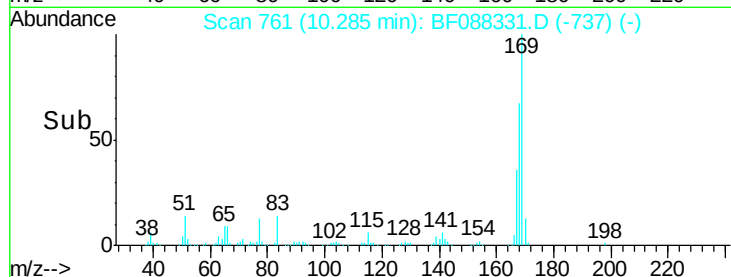
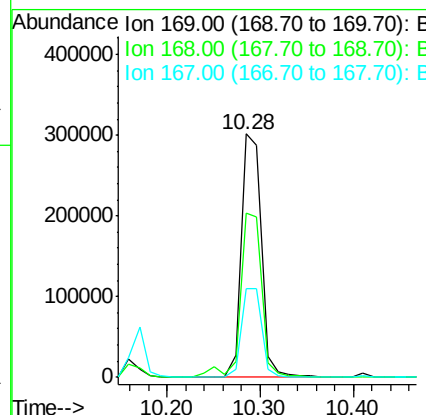
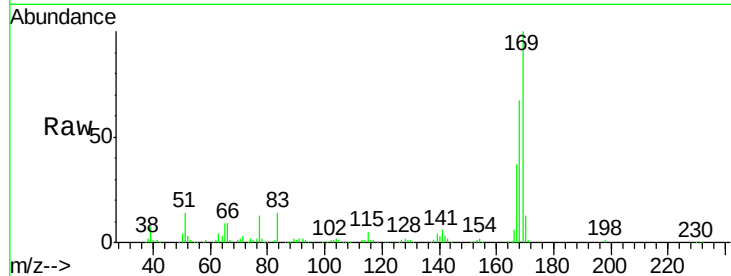
#65
 n-Nitrosodiphenylamine
 Concen: 39.45 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	452885		
168	67.3		53.4	80.0
167	36.5		29.4	44.0

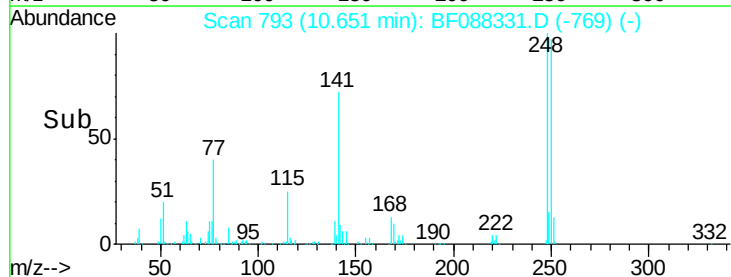
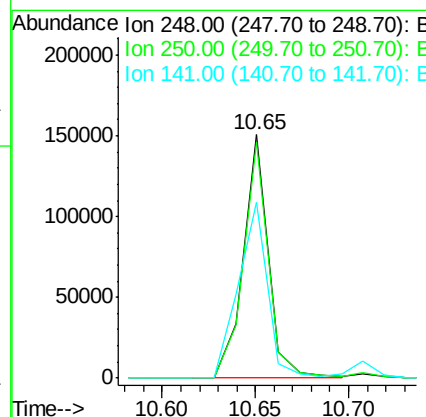
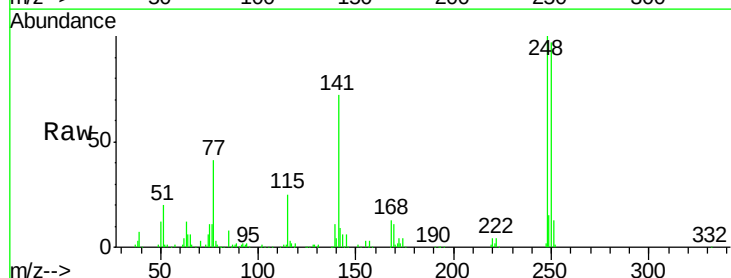
Manual Integrations
 APPROVED

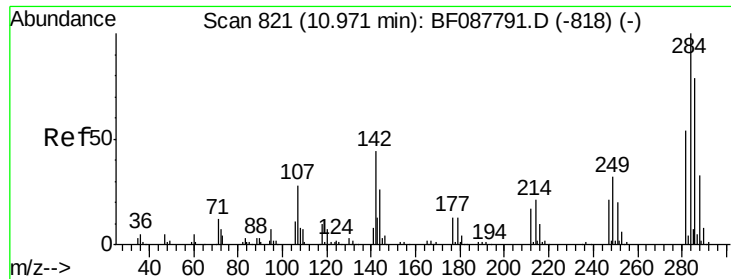
sohil
 6/27/2016 8:11:38 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.08 ng
 RT: 10.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	141339		
250	96.8		77.1	115.7
141	72.0		50.6	76.0





#67

Hexachlorobenzene

Concen: 36.08 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF088331.D

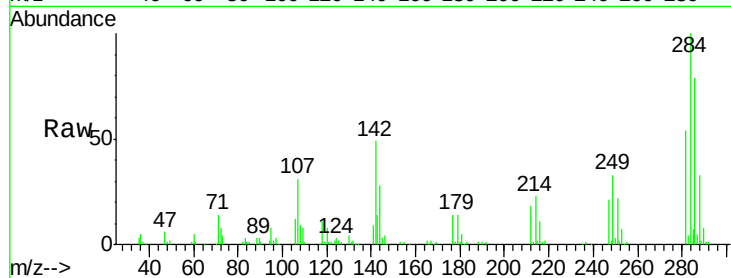
Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

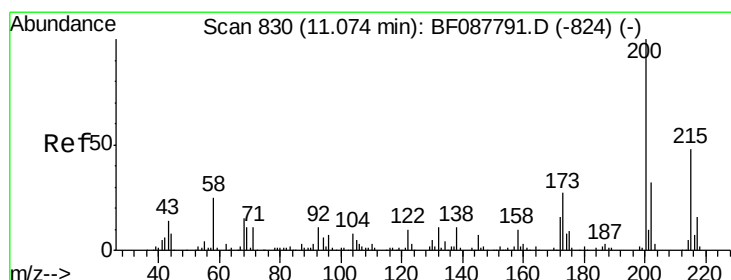
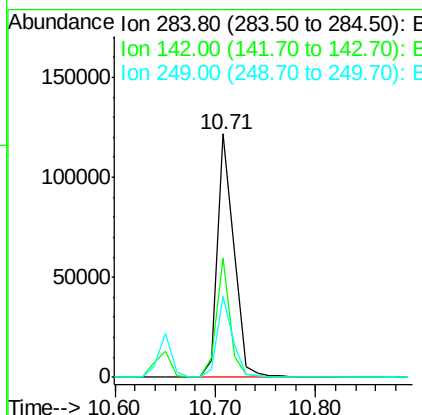
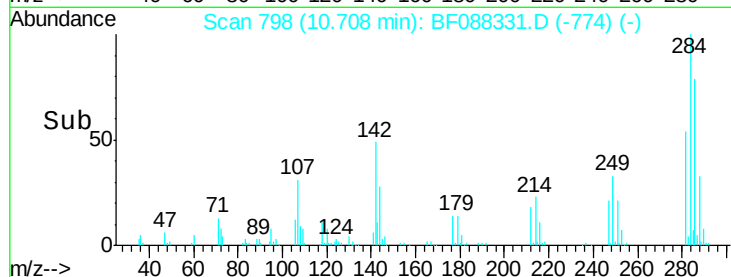
SSTDCCC040



Tgt Ion:	284	Resp:	139176
Ion Ratio	Lower	Upper	
284	100		
142	49.2	35.8	53.8
249	33.5	25.8	38.6

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#68

Atrazine

Concen: 35.80 ng

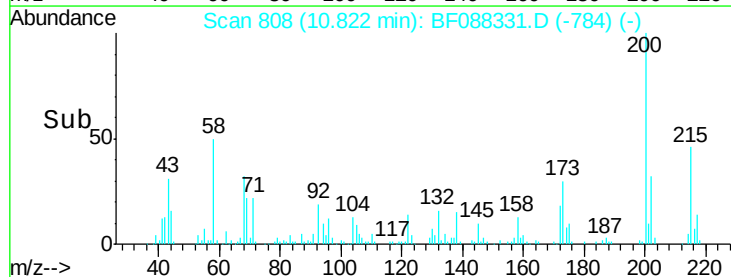
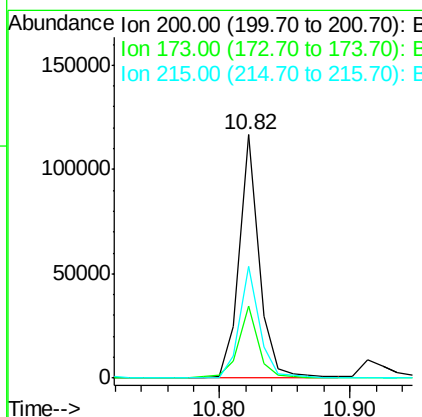
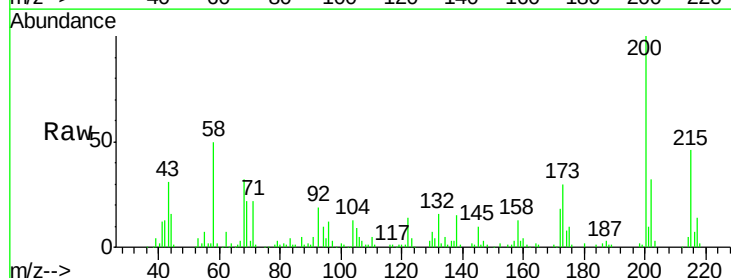
RT: 10.82 min Scan# 808

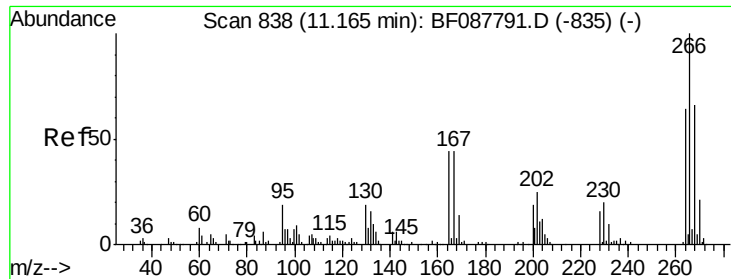
Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	200	Resp:	124471
Ion Ratio	Lower	Upper	
200	100		
173	29.8	4.0	44.0
215	46.1	29.3	69.3





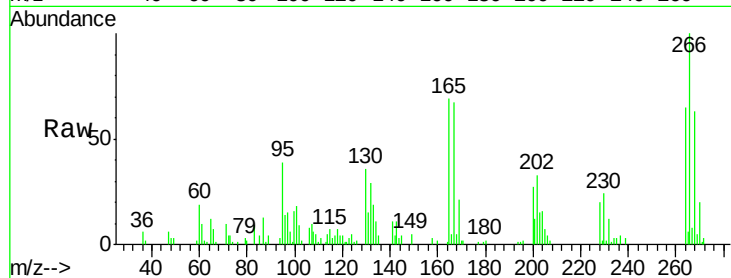
#69
 Pentachlorophenol
 Concen: 37.47 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

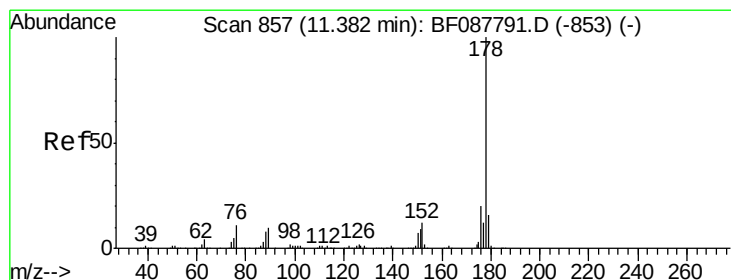
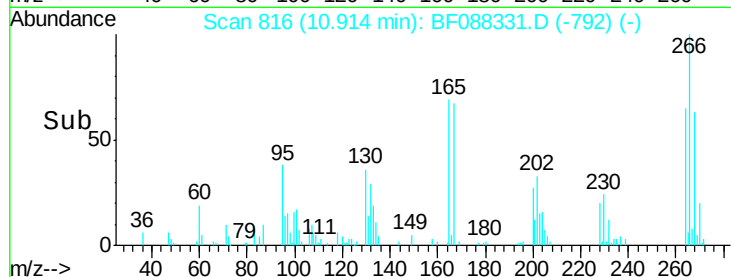
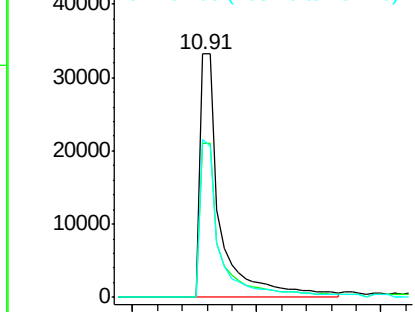
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	76179		
268	63.4	52.8	79.2	
264	64.8	49.6	74.4	

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:11:38 PM

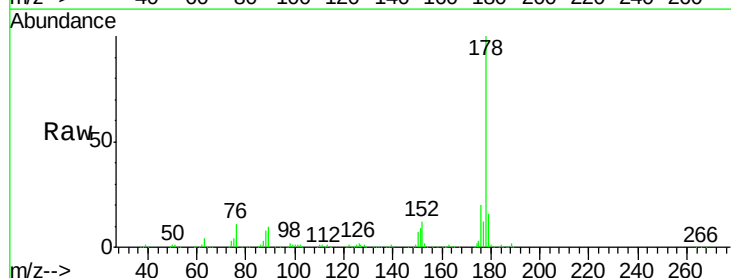


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

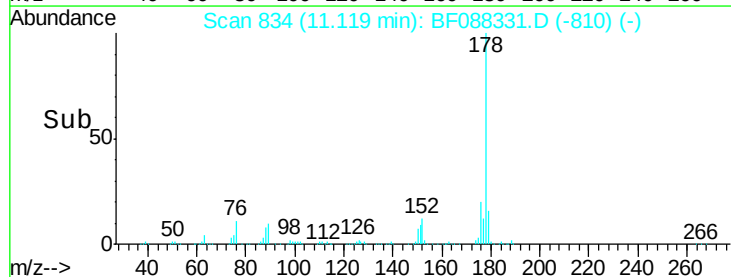
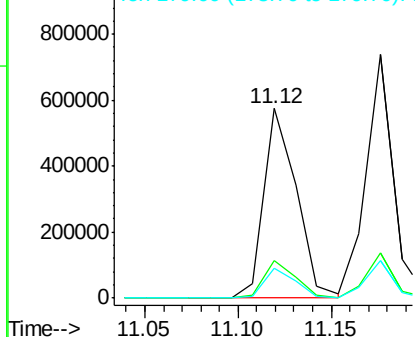


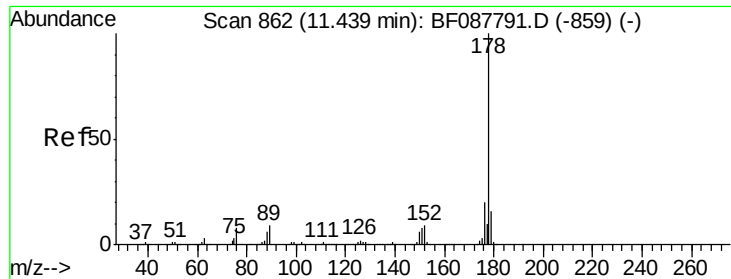
#70
 Phenanthrene
 Concen: 38.16 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	692875		
176	19.8	15.8	23.6	
179	15.8	13.0	19.4	



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





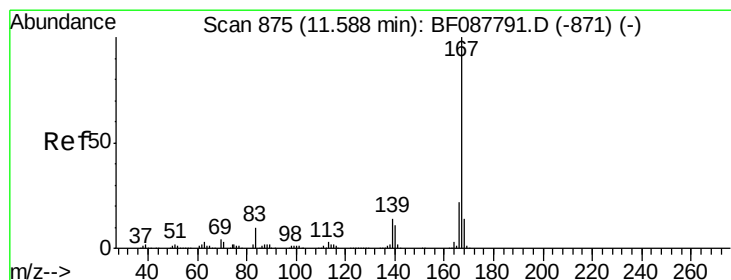
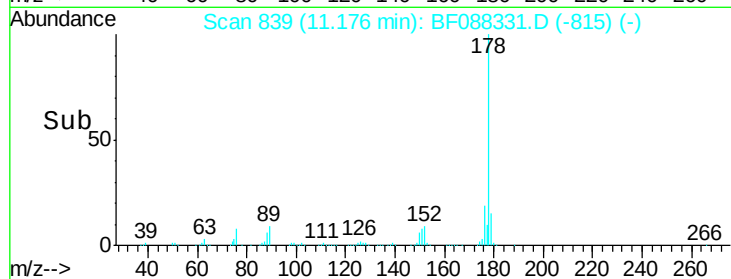
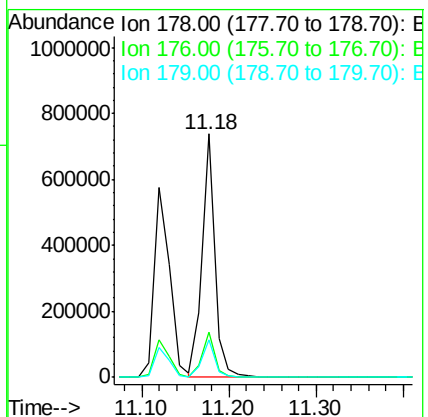
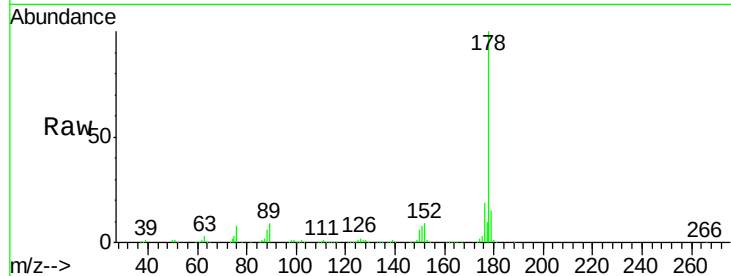
#71
 Anthracene
 Concen: 41.02 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.5	12.8	19.2

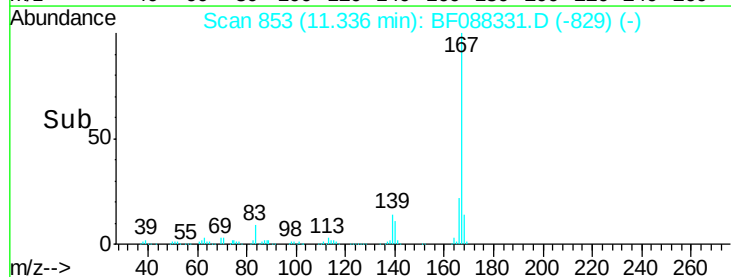
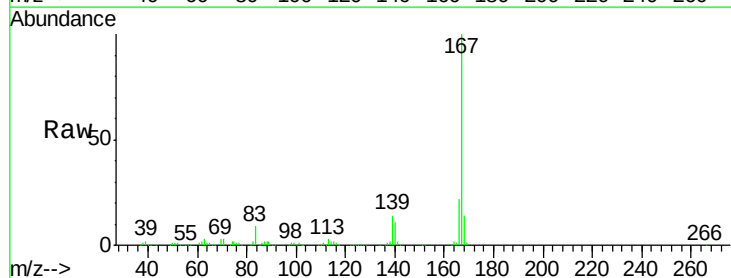
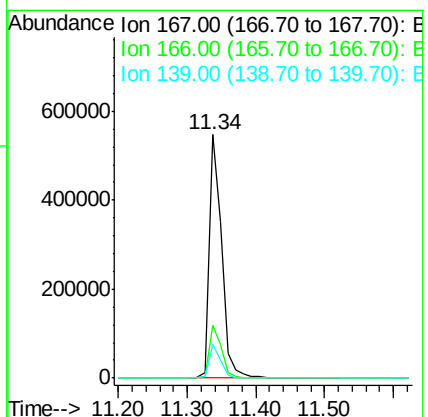
Manual Integrations
 APPROVED

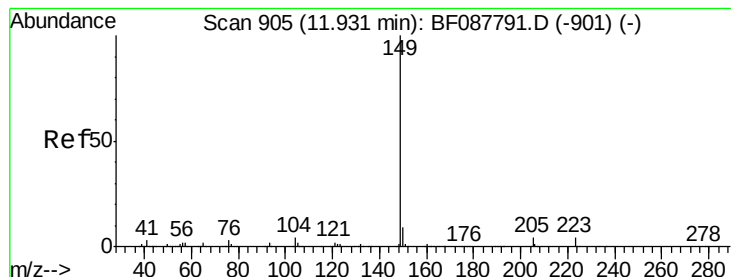
sohil
 6/27/2016 8:11:38 PM



#72
 Carbazole
 Concen: 40.53 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	14.1	11.2	16.8





#73

Di-n-butylphthalate

Concen: 36.92 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF088331.D

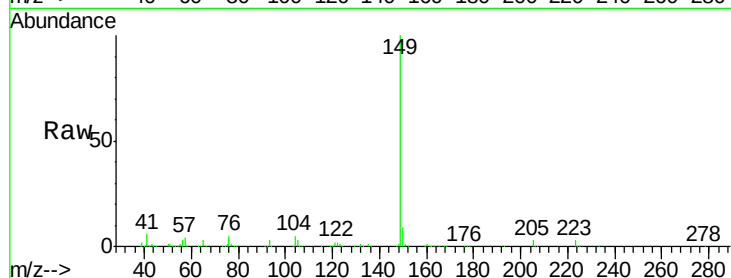
Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 801003

Ion Ratio Lower Upper

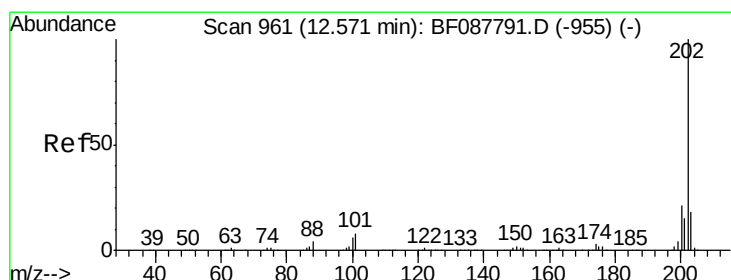
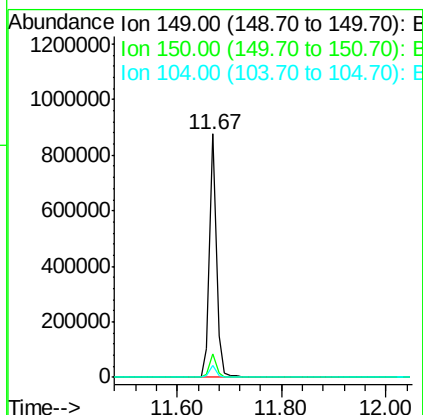
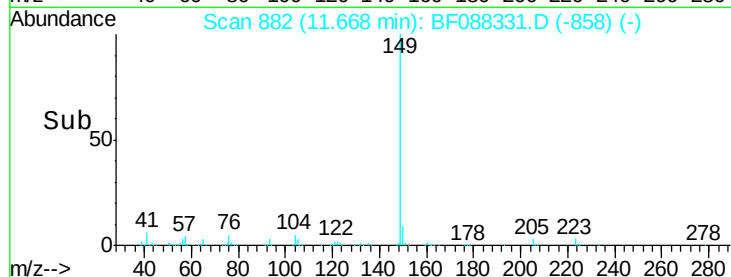
149 100

150 9.4 7.8 11.6

104 4.9 4.0 6.0

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#74

Fluoranthene

Concen: 39.48 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

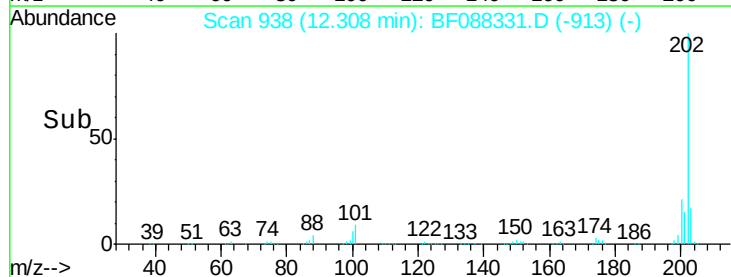
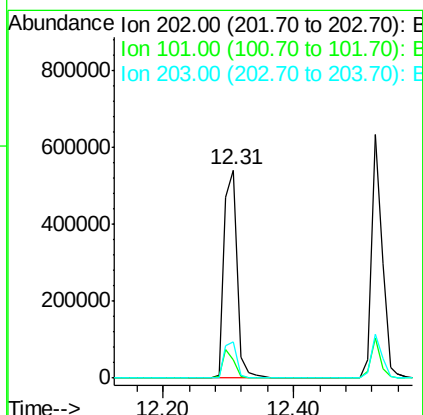
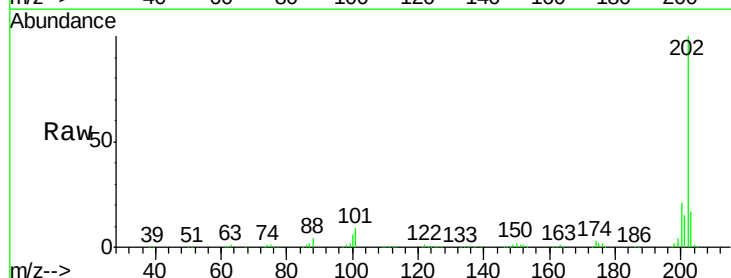
Tgt Ion:202 Resp: 756563

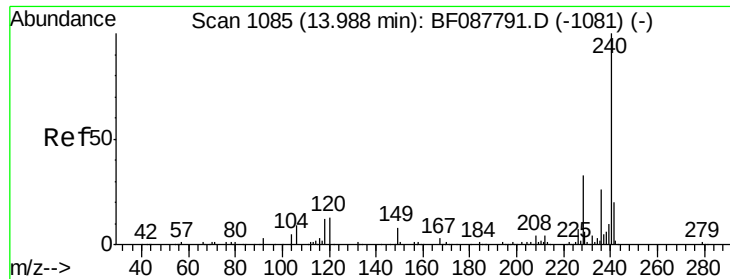
Ion Ratio Lower Upper

202 100

101 8.6 0.0 33.1

203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 256746
Ion Ratio Lower Upper

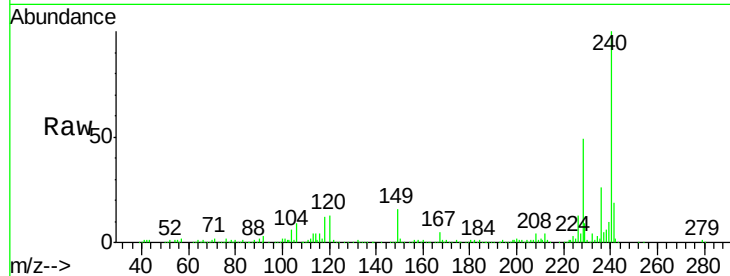
240 100

120 13.4 6.8 10.2#

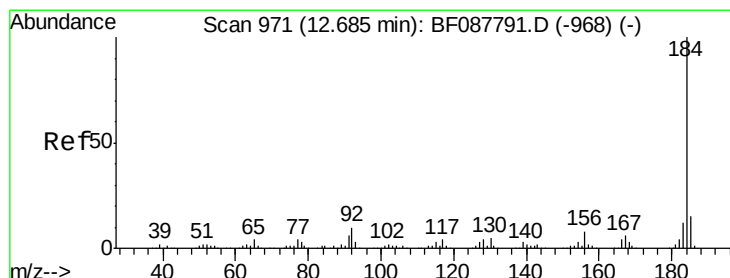
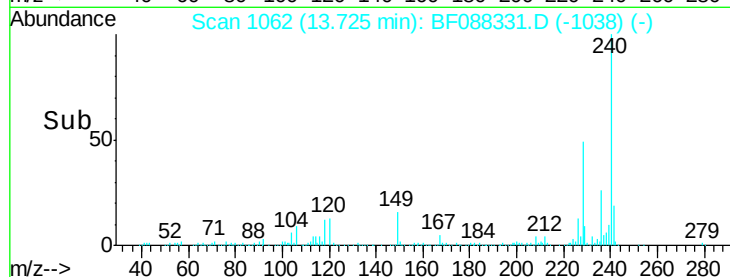
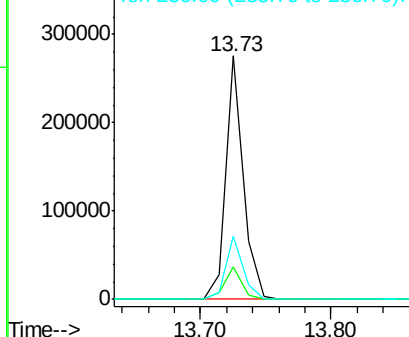
236 25.9 20.2 30.2

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.39 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF088331.D

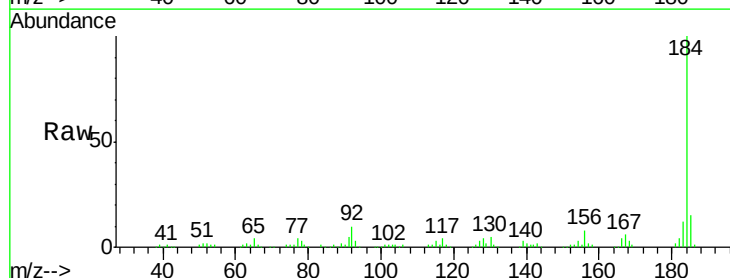
Acq: 24 Jun 2016 15:01

Tgt Ion:184 Resp: 237351
Ion Ratio Lower Upper

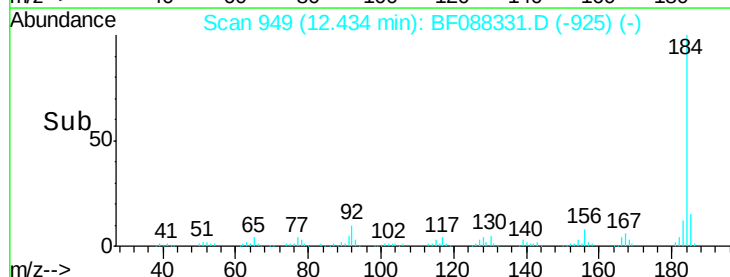
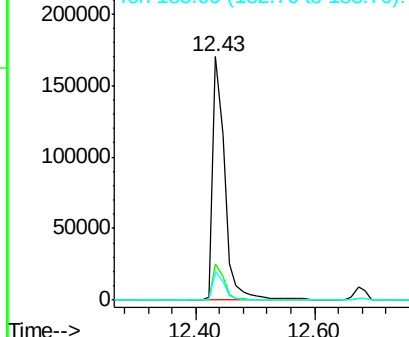
184 100

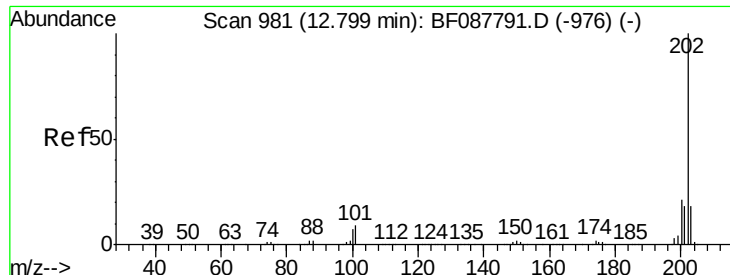
185 14.8 12.5 18.7

183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





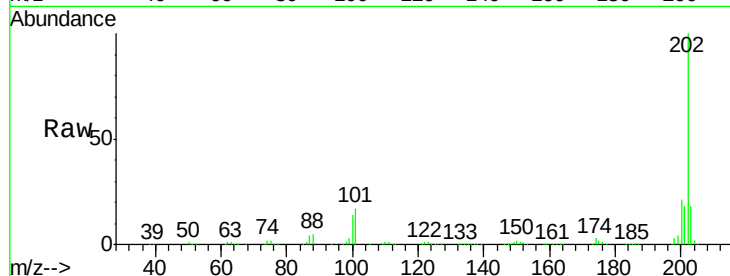
#77
Pyrene
 Concen: 37.13 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

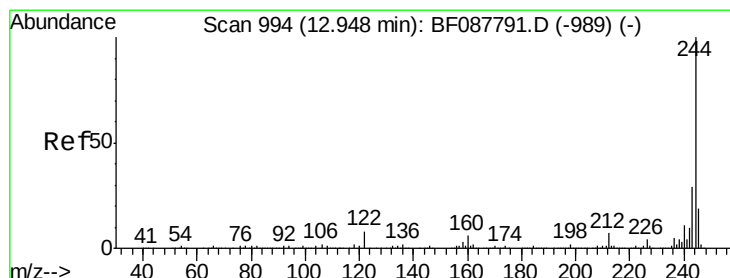
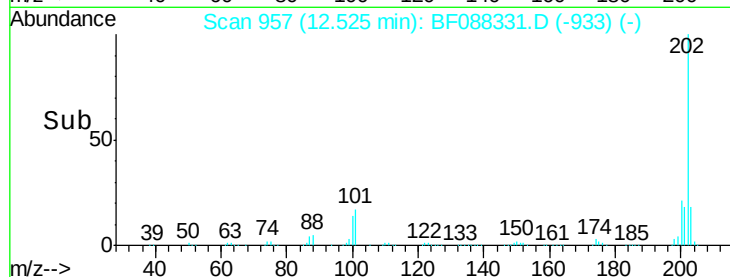
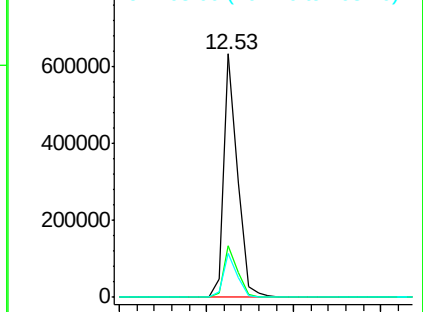
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.5	21.7

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:11:38 PM

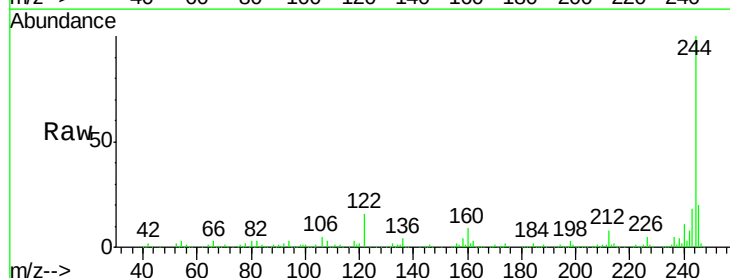


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

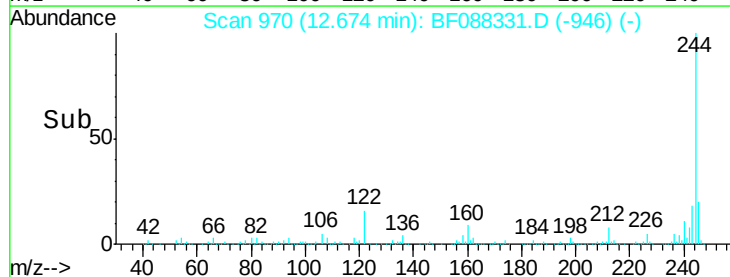
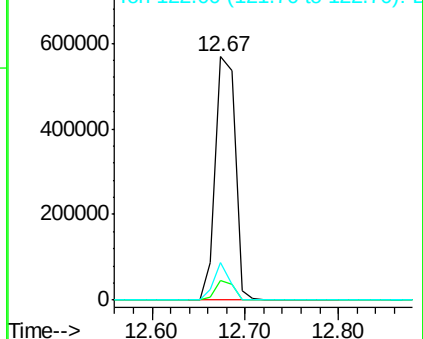


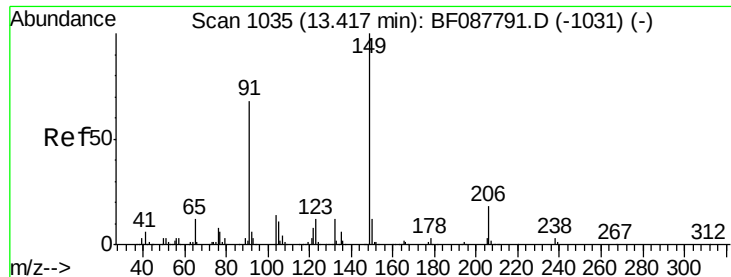
#78
Terphenyl-d14
 Concen: 74.52 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.8	6.0	9.0
122	15.6	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





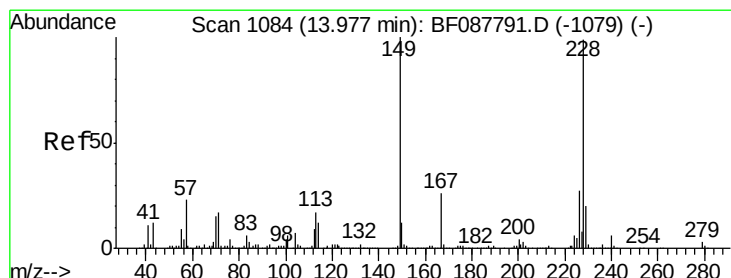
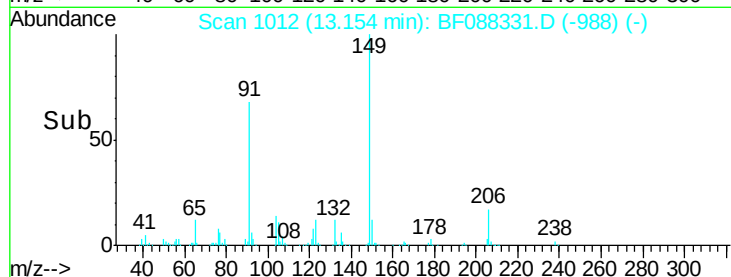
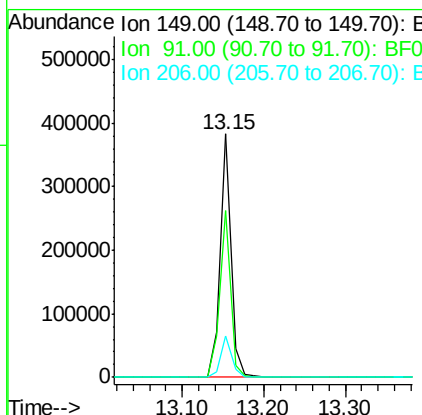
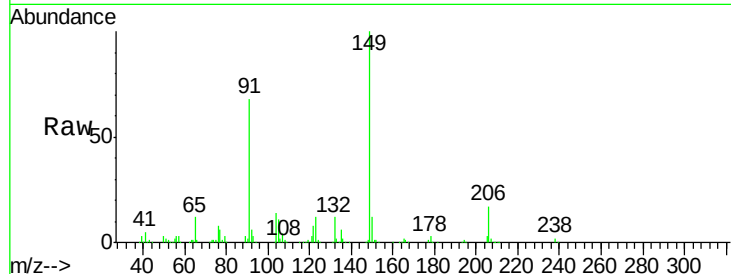
#79
Butylbenzylphthalate
Concen: 41.64 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	350777		
91	68.3	48.0	72.0	
206	16.9	16.0	24.0	

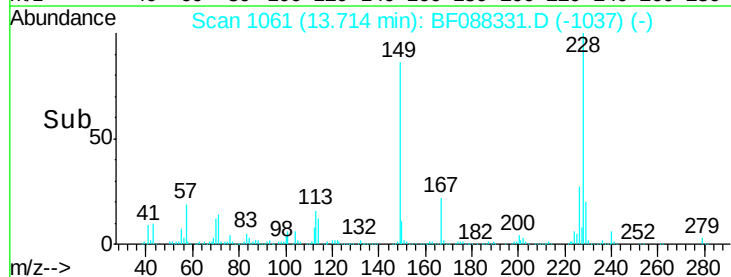
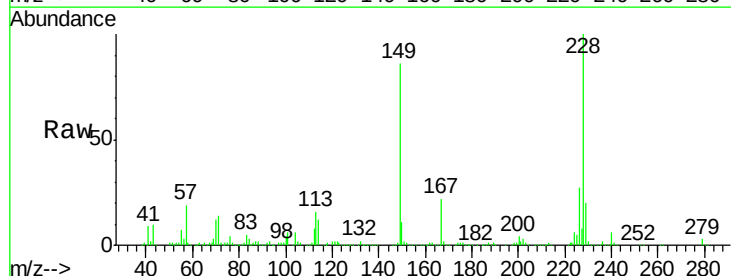
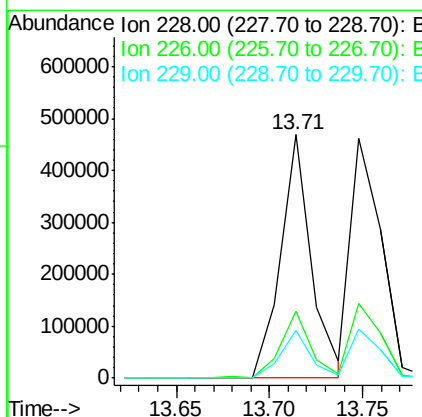
Manual Integrations
APPROVED

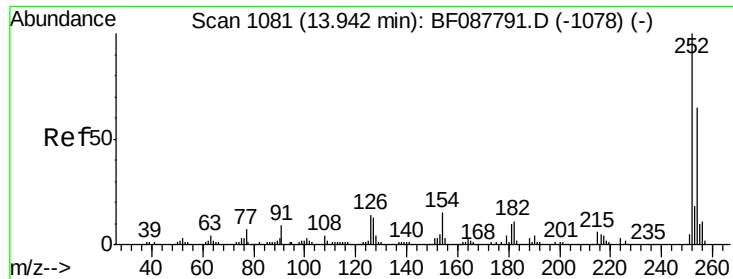
sohil
6/27/2016 8:11:38 PM



#80
Benzo(a)anthracene
Concen: 36.53 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	534434		
226	27.5	22.3	33.5	
229	19.8	16.0	24.0	





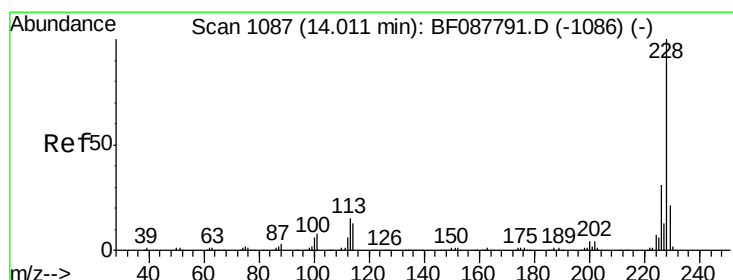
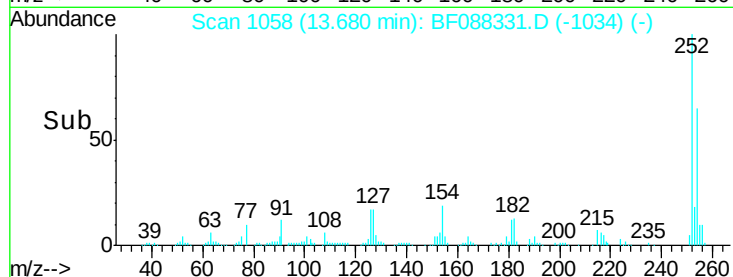
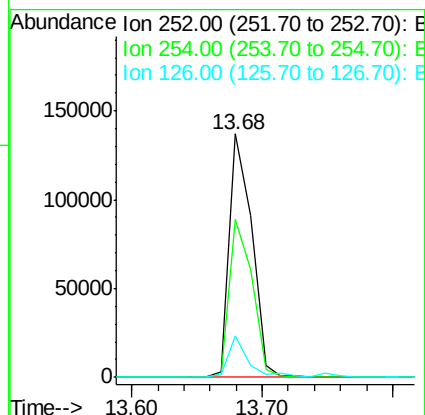
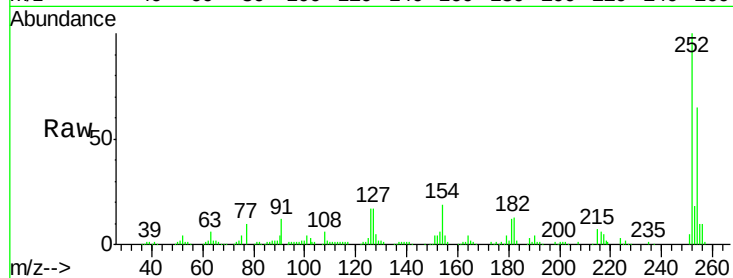
#81
 3,3'-Dichlorobenzidine
 Concen: 41.89 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	52.6	78.8
126	17.1	6.2	9.2

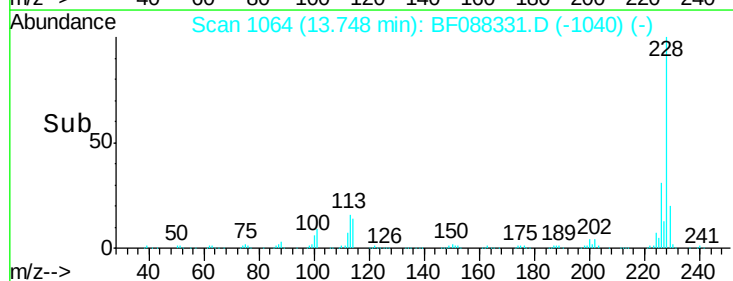
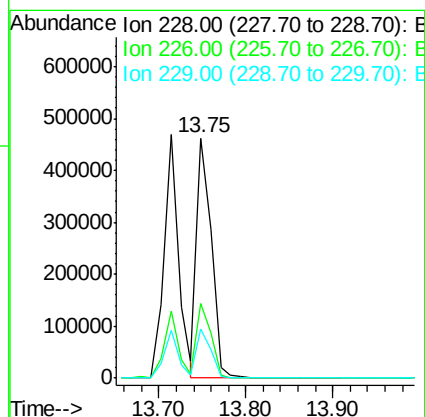
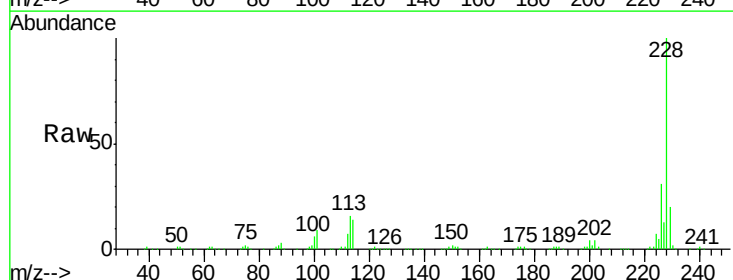
Manual Integrations
 APPROVED

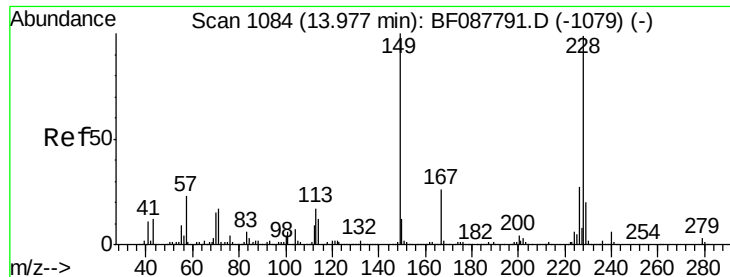
sohil
 6/27/2016 8:11:38 PM



#82
 Chrysene
 Concen: 39.08 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.4	38.2
229	20.2	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.03 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

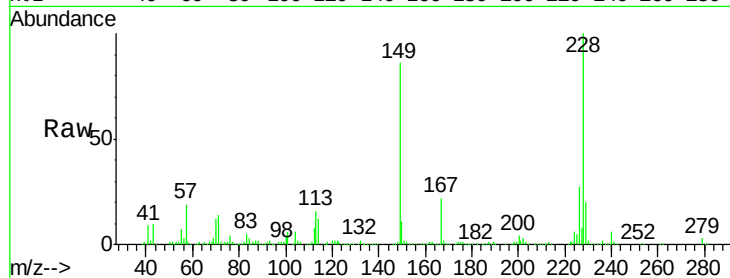
ClientSampleId :

SSTDCCC040

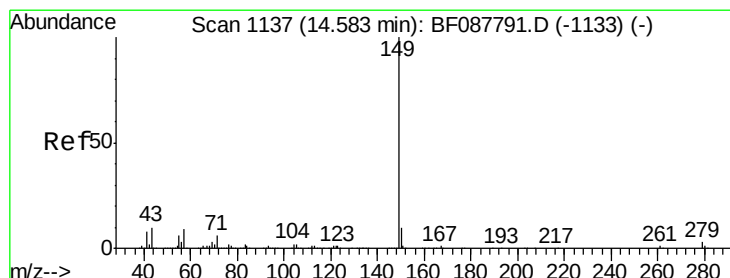
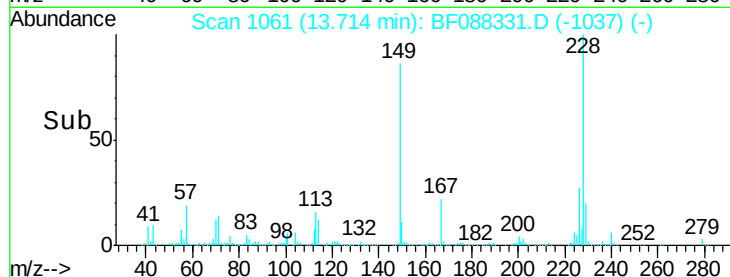
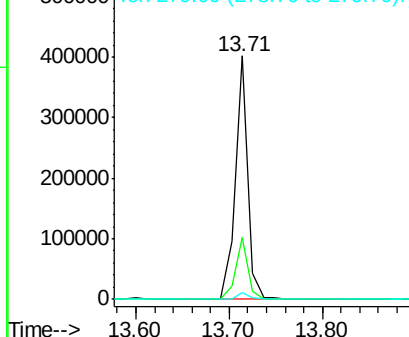
Tgt Ion:	149	Resp:	379701
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	3.0	2.0	3.0

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 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: 39.23 ng

RT: 14.32 min Scan# 1114

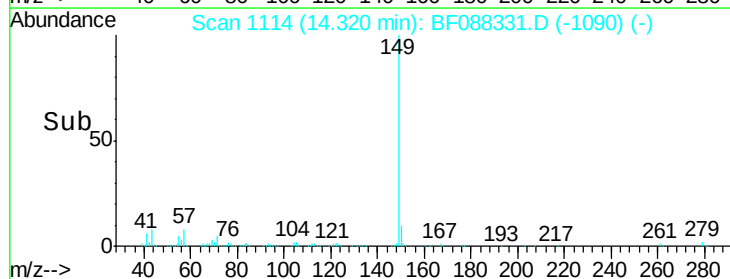
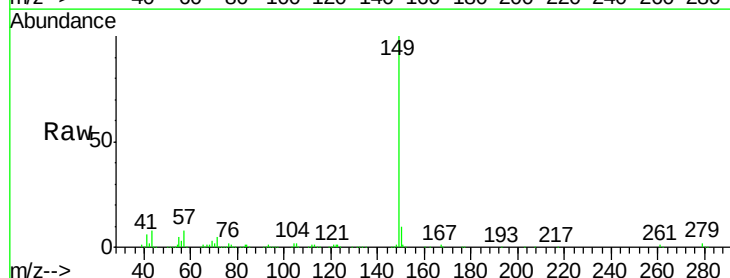
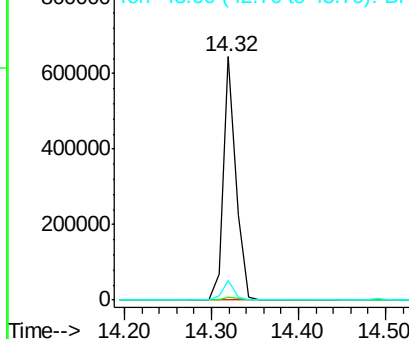
Delta R.T. -0.02 min

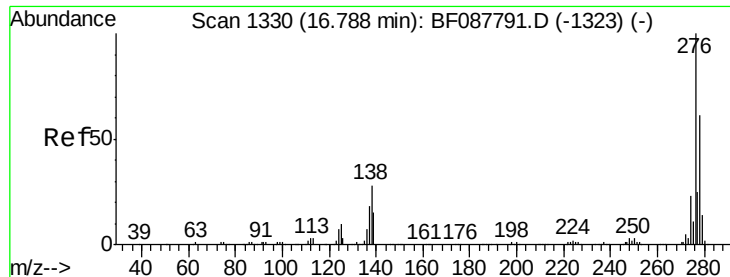
Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	149	Resp:	653648
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	7.5	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





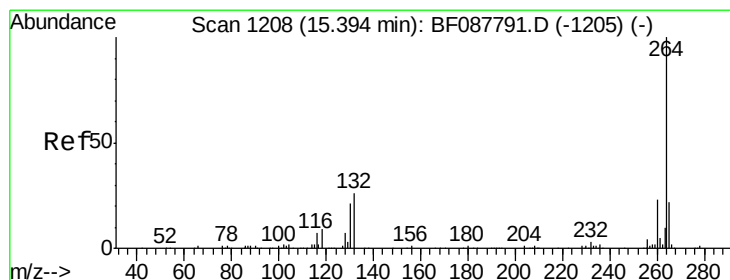
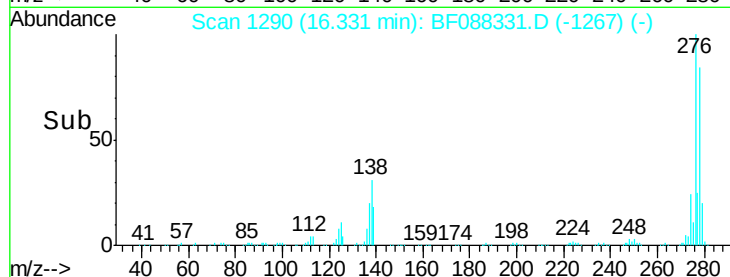
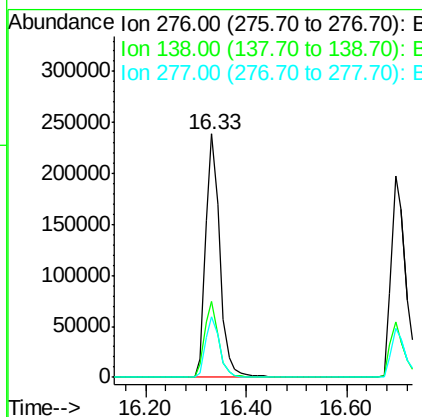
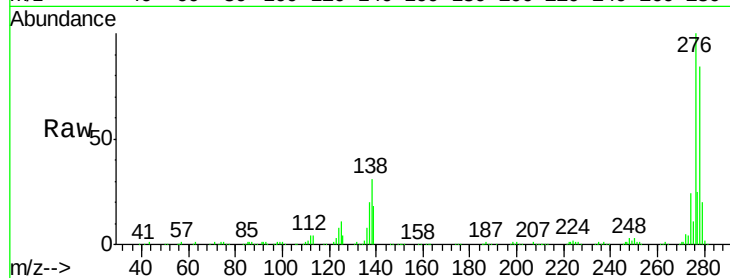
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.56 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. -0.03 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.6	0.0	0.0#
277	24.8	0.0	0.0#

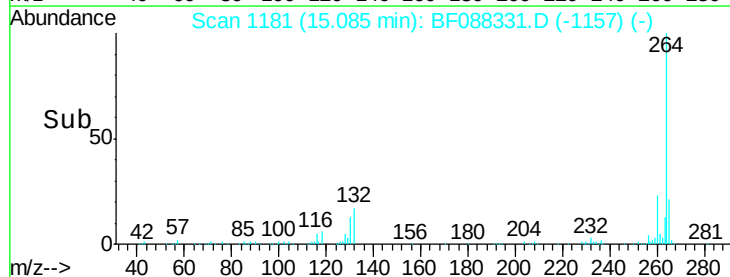
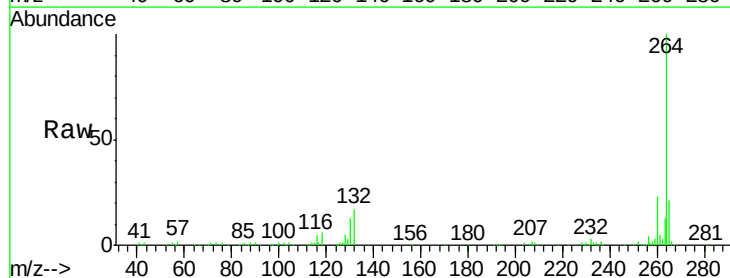
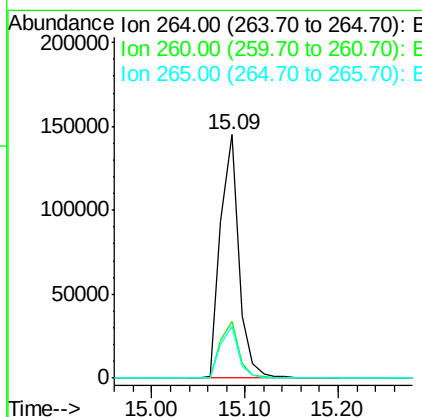
Manual Integrations
 APPROVED

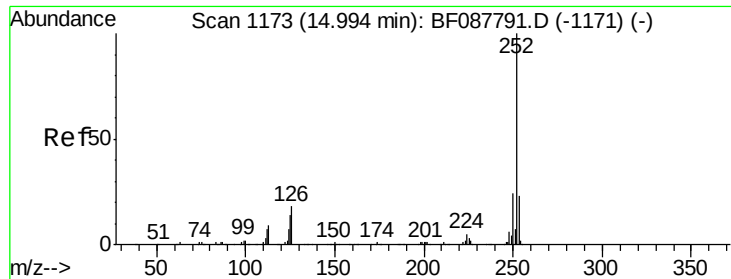
sohil
 6/27/2016 8:11:38 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 39.43 ng m

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

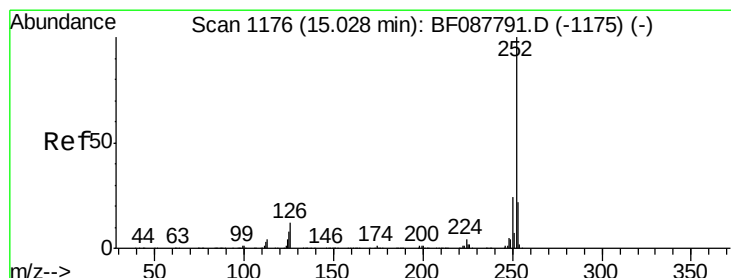
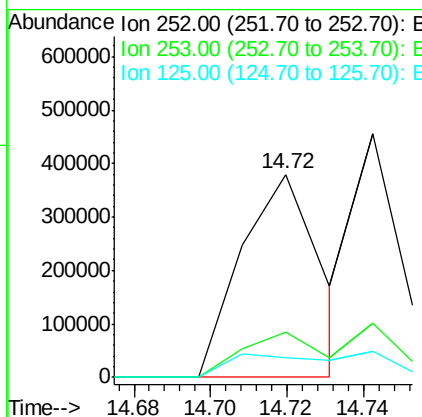
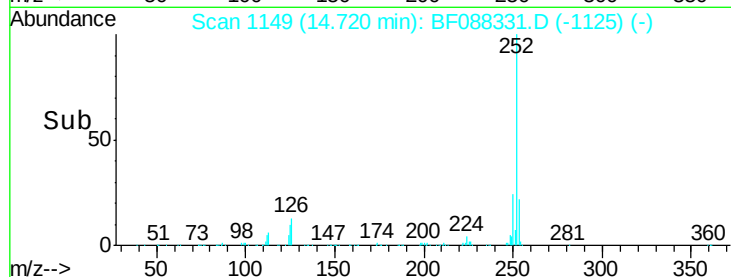
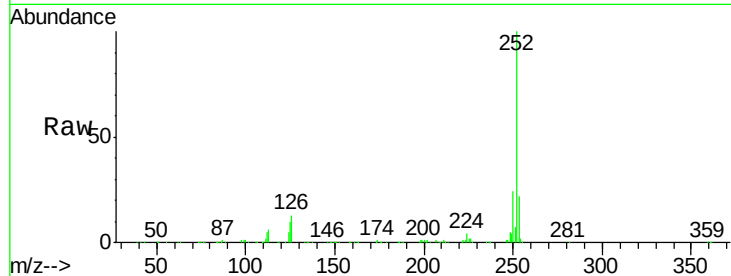
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	548317
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	9.8	7.1	10.7

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



#88

Benzo(k)fluoranthene

Concen: 37.93 ng m

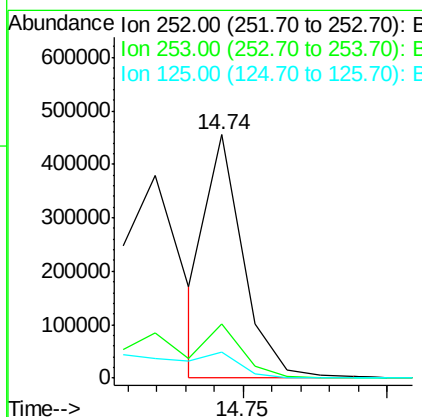
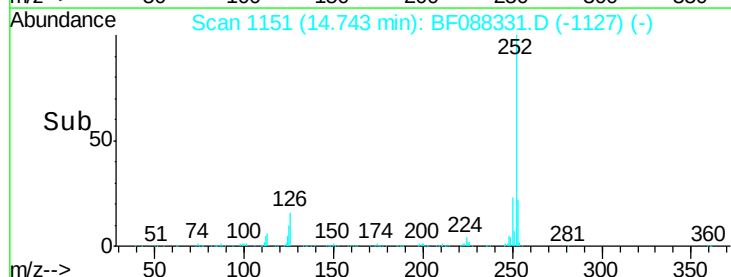
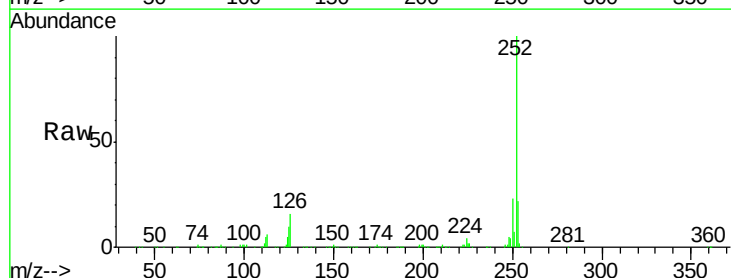
RT: 14.74 min Scan# 1151

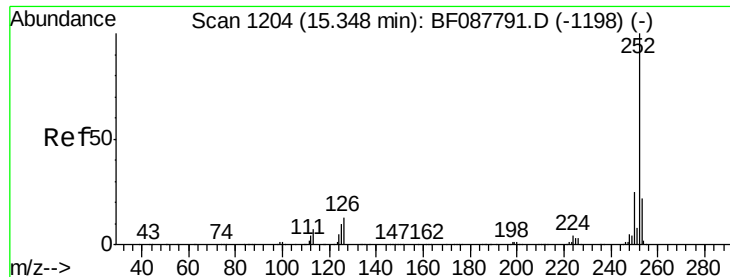
Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:	252	Resp:	397866
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	10.5	11.2	16.8#





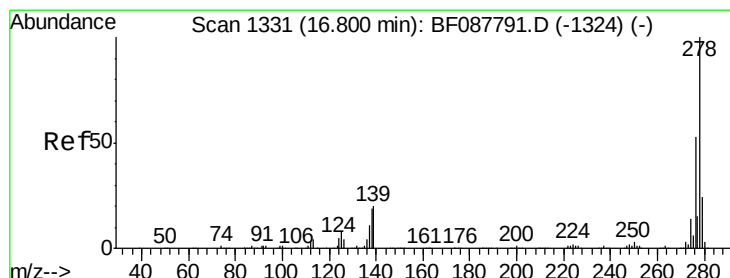
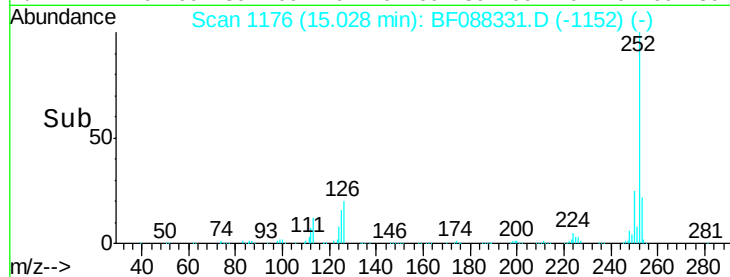
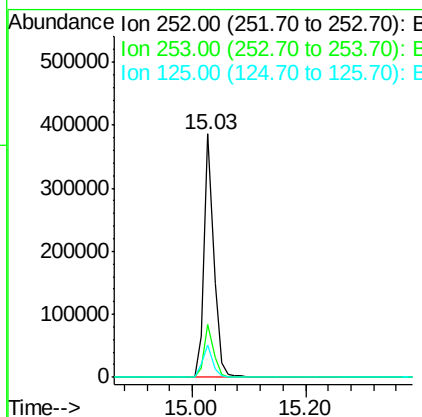
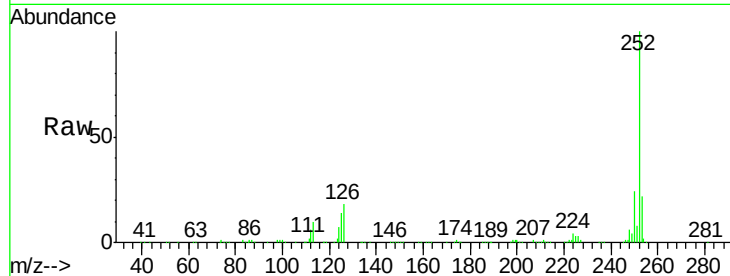
#89
Benzo(a)pyrene
Concen: 39.09 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	252	Resp:	439814
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	13.5	12.5	18.7

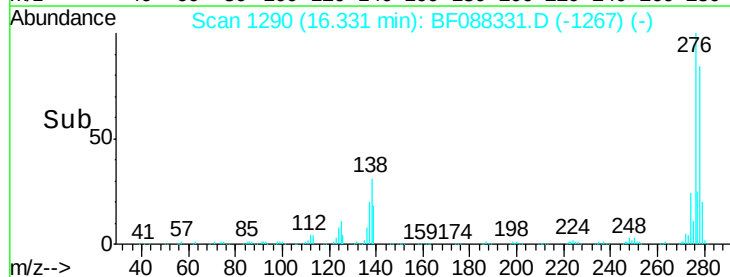
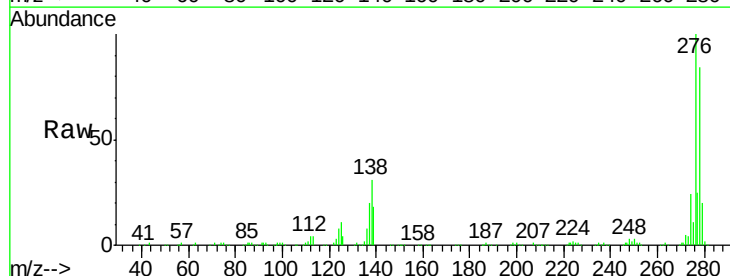
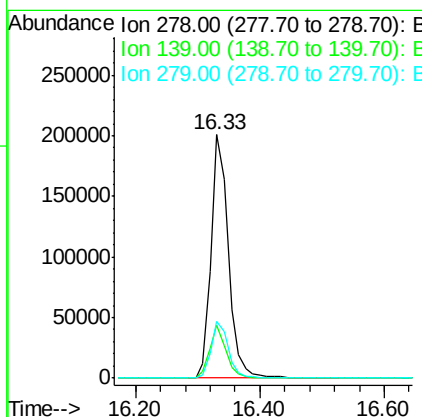
Manual Integrations
APPROVED

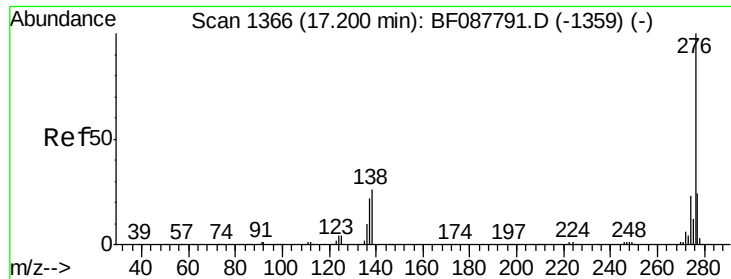
sohil
6/27/2016 8:11:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.93 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:	278	Resp:	385889
Ion Ratio	Lower	Upper	
278	100		
139	21.6	15.7	23.5
279	23.4	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 38.96 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF088331.D

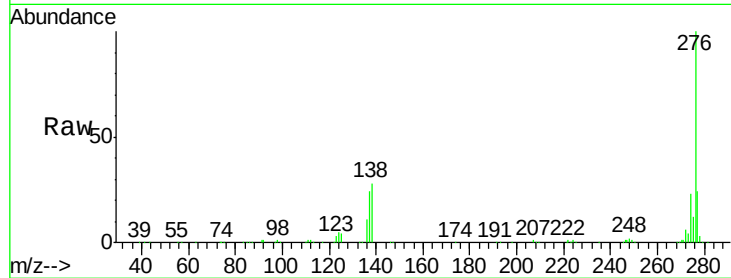
Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 276 Resp: 418831

Ion Ratio Lower Upper

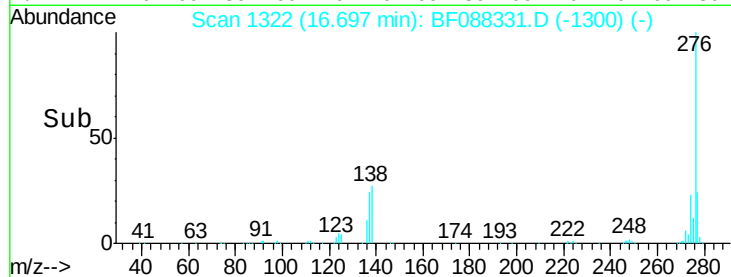
276 100

277 24.2 18.9 28.3

138 27.5 21.4 32.2

Manual Integrations
APPROVED

sohil
6/27/2016 8:11:38 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

