

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086928.D
 Acq On : 12 May 2016 14:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:03:31 PM

Quant Time: May 12 16:27:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 15:26:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	184235	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	751464	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	352577	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	662779	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	394681	20.00	ng	-0.01
86) Perylene-d12	15.12	264	346869	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	843140	77.50	ng	-0.02
7) Phenol-d6	6.30	99	1078215	74.16	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1256898	83.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	328903	88.12	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1576773	75.16	ng	-0.01
78) Terphenyl-d14	12.72	244	1558974	83.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	218089	40.83	ng	# 70
3) Pyridine	2.71	79	609827	46.71	ng	# 55
4) n-Nitrosodimethylamine	2.67	42	415009	43.83	ng	# 50
6) Aniline	6.30	93	697936	39.69	ng	# 84
8) 2-Chlorophenol	6.42	128	521883	39.76	ng	99
9) Benzaldehyde	6.17	77	314810	37.39	ng	99
10) Phenol	6.31	94	623857	36.10	ng	71
11) bis(2-Chloroethyl)ether	6.38	93	571786	42.43	ng	91
12) 1,3-Dichlorobenzene	6.56	146	522831m	36.80	ng	
13) 1,4-Dichlorobenzene	6.64	146	534514m	36.90	ng	
14) 1,2-Dichlorobenzene	6.80	146	506338	40.10	ng	99
15) Benzyl Alcohol	6.79	79	395345	39.38	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1110996	37.92	ng	60
17) 2-Methylphenol	6.91	107	391674	37.50	ng	# 79
18) Hexachloroethane	7.13	117	211594	38.82	ng	96
19) n-Nitroso-di-n-propylamine	7.06	70	399599	39.33	ng	# 68
20) 3+4-Methylphenols	7.07	107	538819	39.49	ng	# 61
22) Acetophenone	7.05	105	724405	40.81	ng	# 97
24) Nitrobenzene	7.22	77	607695	39.47	ng	97
25) Isophorone	7.46	82	1056227	38.04	ng	98
26) 2-Nitrophenol	7.54	139	294873	43.57	ng	94
27) 2,4-Dimethylphenol	7.60	122	483156	41.91	ng	90
28) bis(2-Chloroethoxy)methane	7.68	93	584832	39.05	ng	98
29) 2,4-Dichlorophenol	7.79	162	420475	41.44	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	464521	40.95	ng	98
31) Naphthalene	7.94	128	1488434	39.55	ng	100
32) Benzoic acid	7.76	122	252997	37.37	ng	85
33) 4-Chloroaniline	8.00	127	570228	38.99	ng	# 90
34) Hexachlorobutadiene	8.06	225	259503	39.42	ng	99
35) Caprolactam	8.40	113	142556	41.30	ng	96
36) 4-Chloro-3-methylphenol	8.50	107	477911	38.84	ng	91
37) 2-Methylnaphthalene	8.63	142	921851	41.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	417998	40.78	ng	100
40) Hexachlorocyclopentadiene	8.78	237	174070	35.77	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086928.D
 Acq On : 12 May 2016 14:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

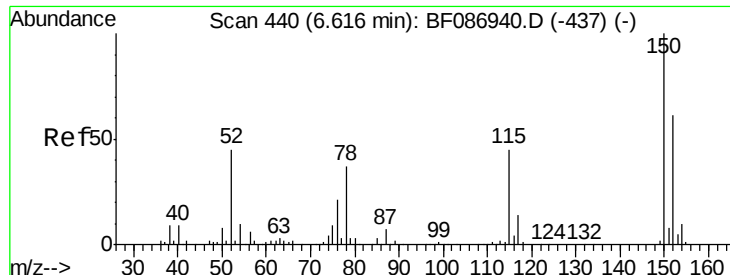
Manual Integrations
 APPROVED

sohil
 5/13/2016 8:03:31 PM

Quant Time: May 12 16:27:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 15:26:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	266415	38.87	ng	94
43) 2,4,5-Trichlorophenol	8.96	196	282407	39.84	ng #	83
45) 1,1'-Biphenyl	9.10	154	1201195	42.83	ng	97
46) 2-Chloronaphthalene	9.12	162	930950	42.37	ng	99
47) 2-Nitroaniline	9.22	65	319813	39.83	ng #	76
48) Acenaphthylene	9.53	152	1390832	43.04	ng	99
49) Dimethylphthalate	9.40	163	1016926	37.81	ng	99
50) 2,6-Dinitrotoluene	9.47	165	232994	41.16	ng #	65
51) Acenaphthene	9.70	154	866540	43.10	ng	98
52) 3-Nitroaniline	9.64	138	246726	41.40	ng	84
53) 2,4-Dinitrophenol	9.75	184	100155	38.98	ng #	87
54) Dibenzofuran	9.87	168	1089287	42.21	ng	98
55) 4-Nitrophenol	9.83	139	142674m	38.42	ng	
56) 2,4-Dinitrotoluene	9.87	165	297187	42.42	ng #	87
57) Fluorene	10.20	166	841924	38.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	227364	42.60	ng	96
59) Diethylphthalate	10.10	149	1077618	41.11	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	407299	41.79	ng	96
61) 4-Nitroaniline	10.25	138	252507	44.11	ng #	70
62) Azobenzene	10.36	77	1176176	41.59	ng	87
64) 4,6-Dinitro-2-methylphenol	10.27	198	157745	38.31	ng #	19
65) n-Nitrosodiphenylamine	10.33	169	794287	39.01	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	276066	41.08	ng #	80
67) Hexachlorobenzene	10.75	284	303831	38.69	ng #	81
68) Atrazine	10.87	200	285902	42.03	ng	95
69) Pentachlorophenol	10.96	266	153232	42.22	ng	97
70) Phenanthrene	11.16	178	1355363	38.32	ng	99
71) Anthracene	11.21	178	1320339	36.50	ng	100
72) Carbazole	11.38	167	1298879	41.77	ng	99
73) Di-n-butylphthalate	11.71	149	1439179	37.90	ng #	98
74) Fluoranthene	12.34	202	1252218	34.42	ng	98
76) Benzidine	12.48	184	517249	51.41	ng	97
77) Pyrene	12.57	202	1373038	45.44	ng	99
79) Butylbenzylphthalate	13.20	149	551296	43.14	ng #	73
80) Benzo(a)anthracene	13.76	228	973669	43.95	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	591466	42.02	ng	99
82) Chrysene	13.79	228	967458	42.93	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	645241	41.97	ng #	96
84) Di-n-octyl phthalate	14.37	149	1030244	40.45	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.38	276	932004	49.70	ng	95
87) Benzo(b)fluoranthene	14.75	252	790393m	35.06	ng	
88) Benzo(k)fluoranthene	14.78	252	814867m	44.15	ng	
89) Benzo(a)pyrene	15.07	252	779969	40.11	ng	99
90) Dibenzo(a,h)anthracene	16.39	278	772447	47.14	ng	97
91) Benzo(g,h,i)perylene	16.75	276	808219	48.54	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

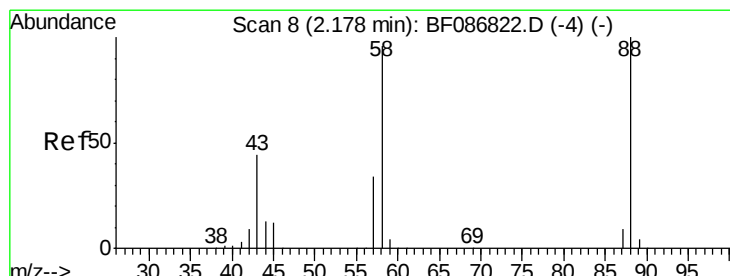
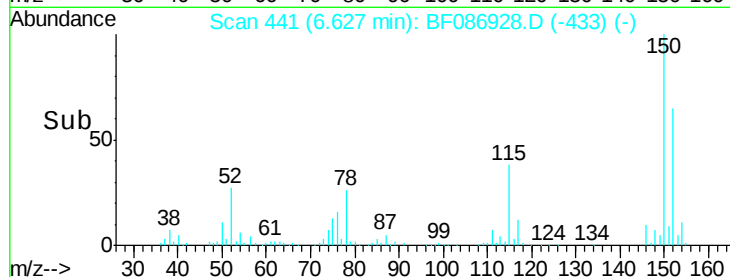
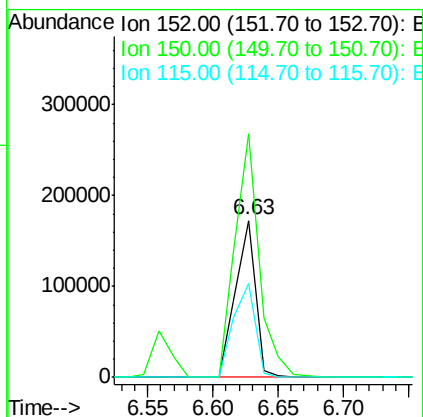
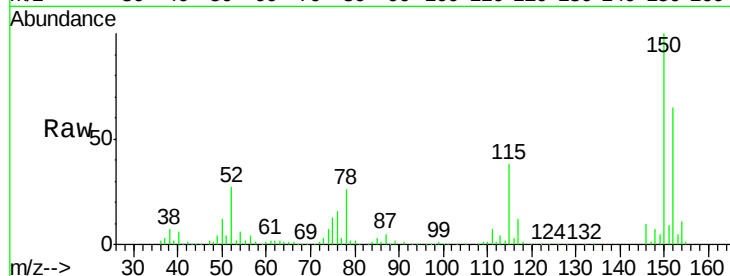
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	184235
Ion Ratio	Lower	Upper	
152	100		
150	155.0	125.8	188.6
115	59.4	51.5	77.3

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#2

1,4-Dioxane

Concen: 40.83 ng

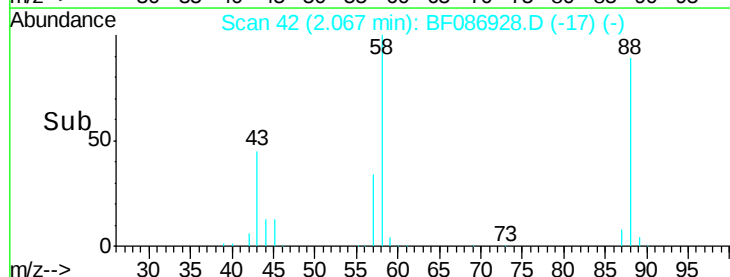
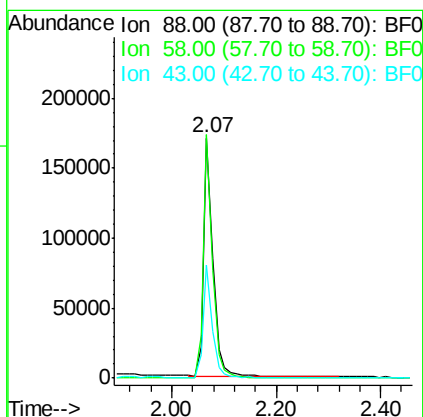
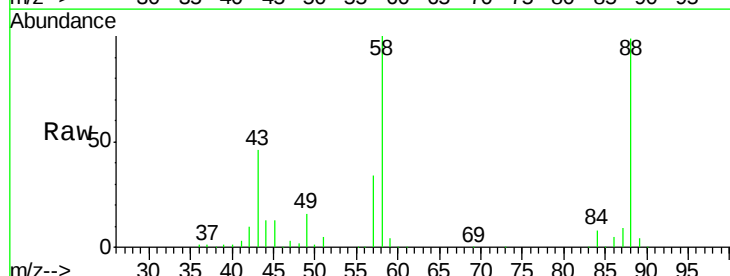
RT: 2.07 min Scan# 42

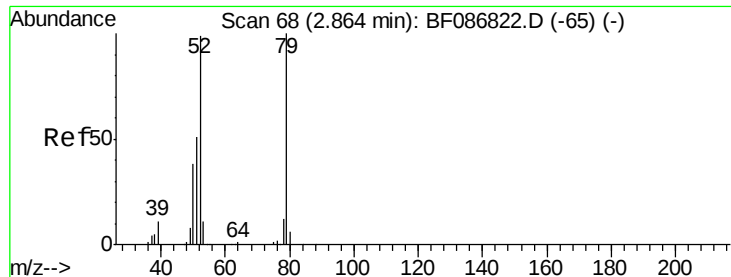
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	88	Resp:	218089
Ion Ratio	Lower	Upper	
88	100		
58	98.6	59.6	89.4#
43	45.0	21.8	32.6#





#3

Pyridine

Concen: 46.71 ng

RT: 2.71 min Scan# 98

Delta R.T. -0.02 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

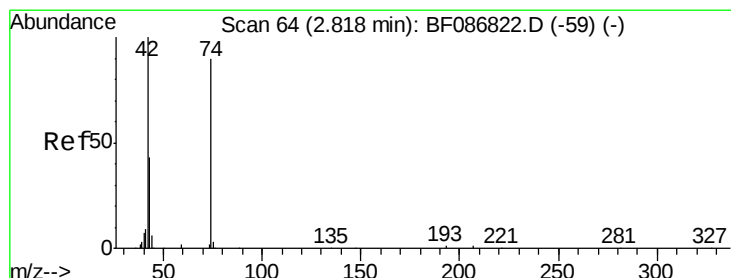
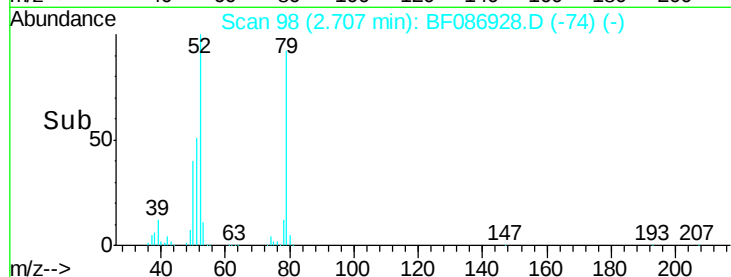
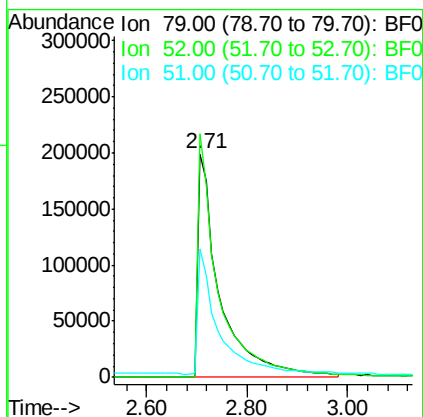
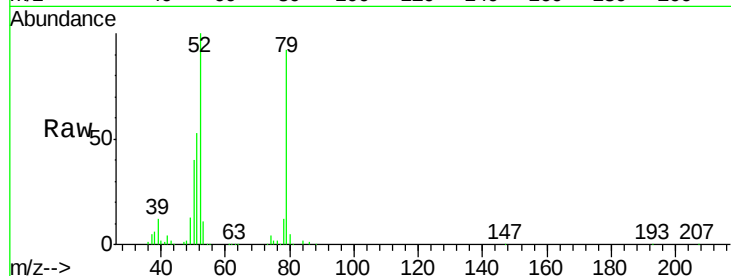
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	609827
Ion Ratio	Lower	Upper	
79	100		
52	109.1	55.9	83.9#
51	57.3	28.1	42.1#

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#4

n-Nitrosodimethylamine

Concen: 43.83 ng

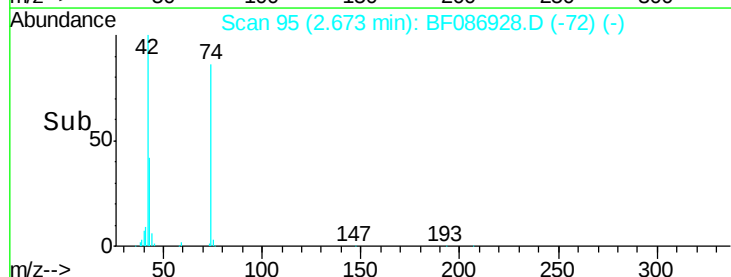
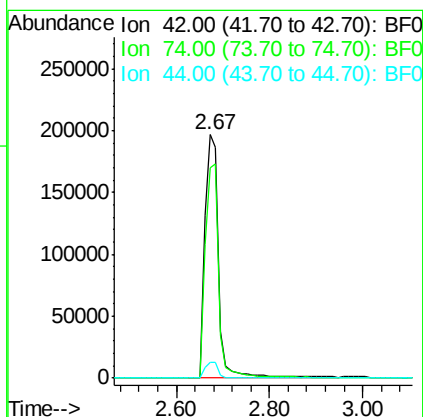
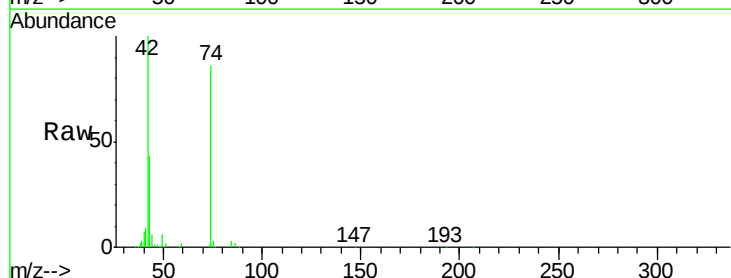
RT: 2.67 min Scan# 95

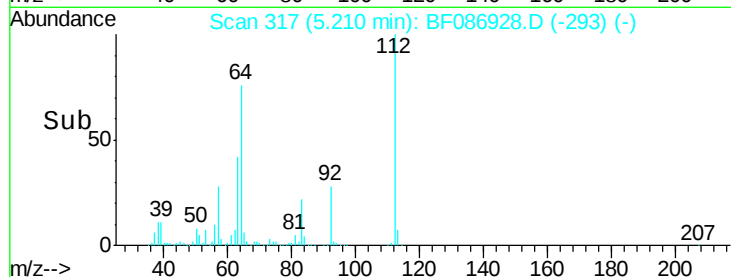
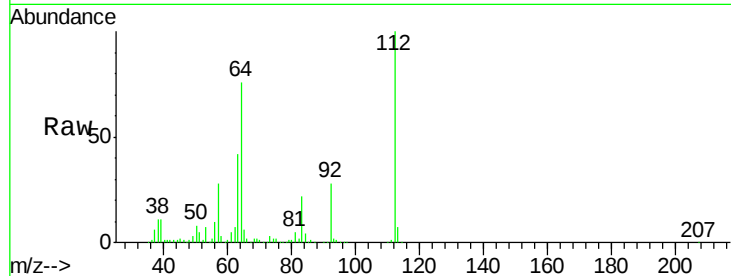
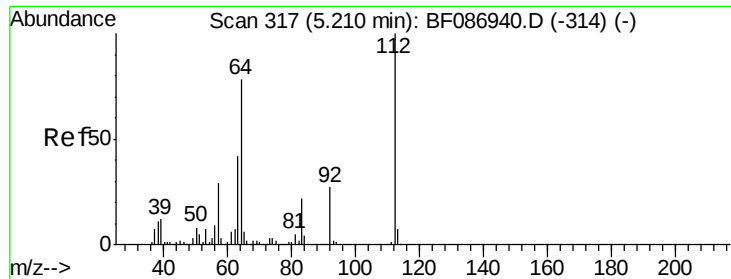
Delta R.T. -0.03 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	42	Resp:	415009
Ion Ratio	Lower	Upper	
42	100		
74	86.2	123.4	185.0#
44	6.3	5.8	8.6





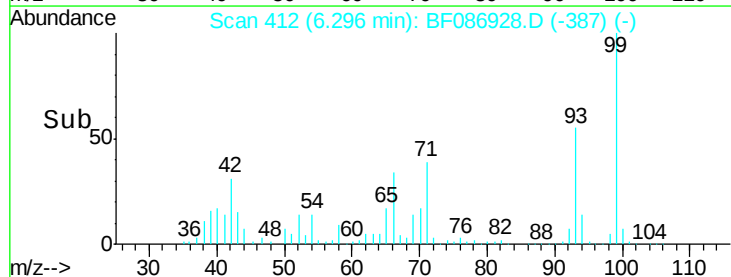
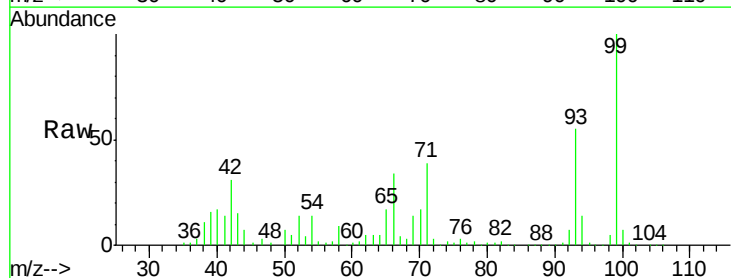
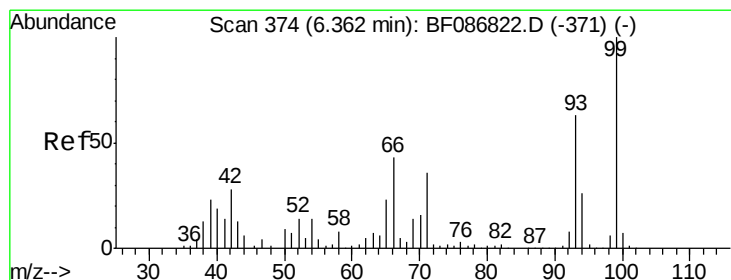
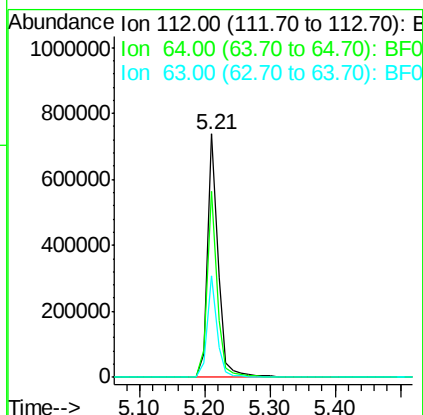
#5
2-Fluorophenol
Concen: 77.50 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.02 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	76.2	52.1	78.1
63	41.7	25.7	38.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

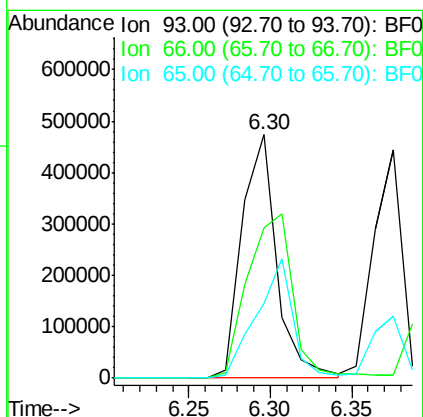
Manual Integrations
APPROVED

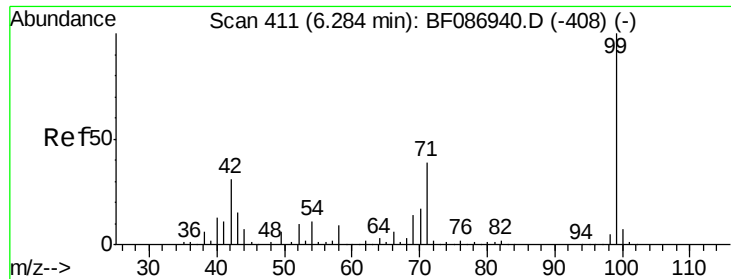
sohil
5/13/2016 8:03:31 PM



#6
Aniline
Concen: 39.69 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	61.7	39.0	58.6
65	30.6	20.6	31.0





#7

Phenol-d6

Concen: 74.16 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1078215

Ion Ratio Lower Upper

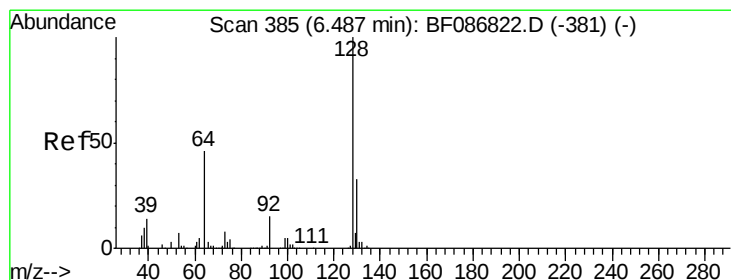
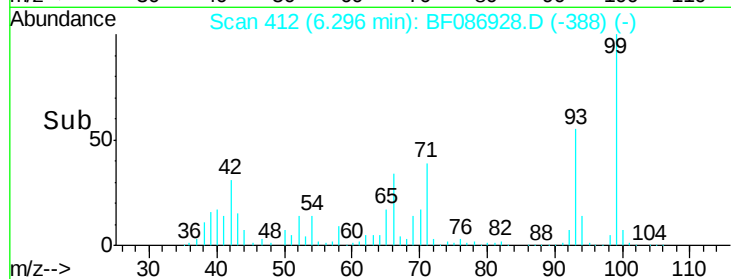
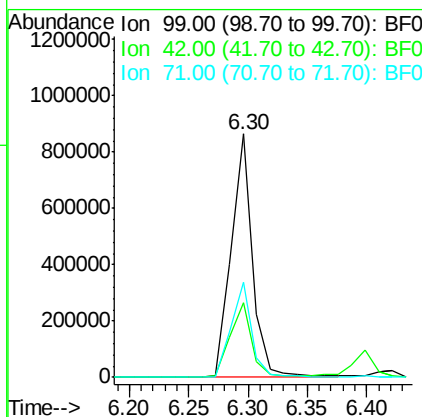
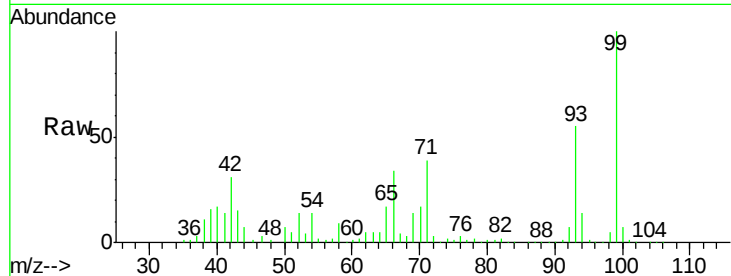
99 100

42 30.9 13.6 20.4#

71 39.2 24.6 36.8#

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#8

2-Chlorophenol

Concen: 39.76 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

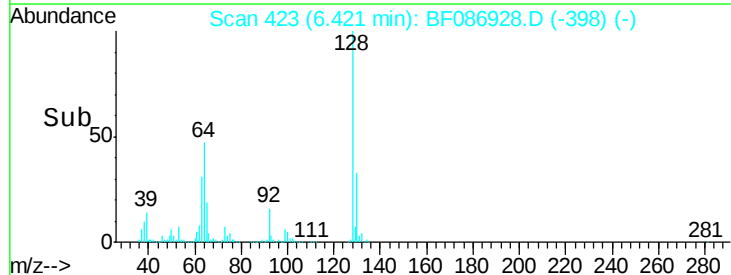
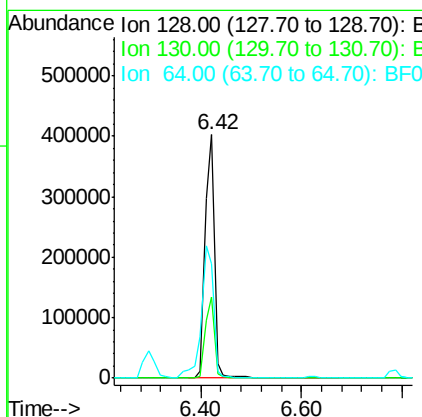
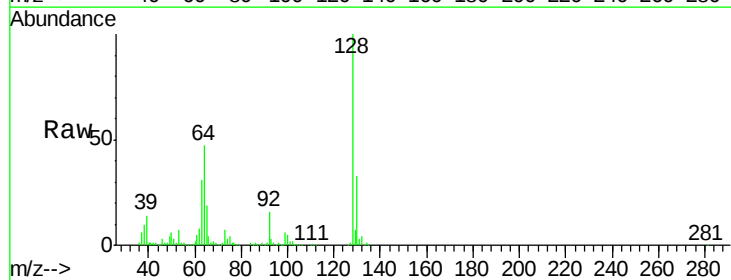
Tgt Ion: 128 Resp: 521883

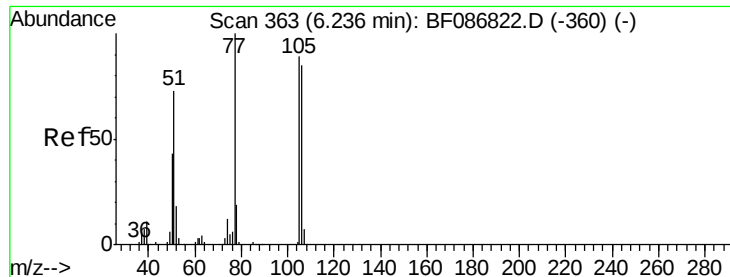
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 46.8 27.3 67.3





#9

Benzaldehyde

Concen: 37.39 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

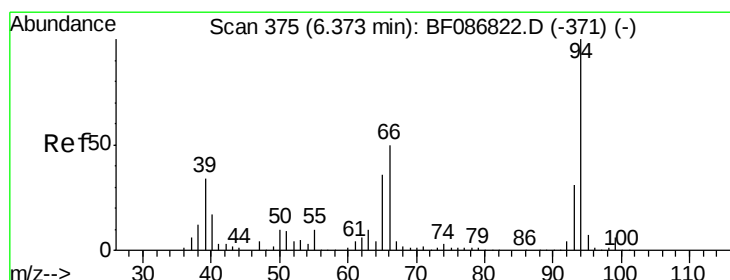
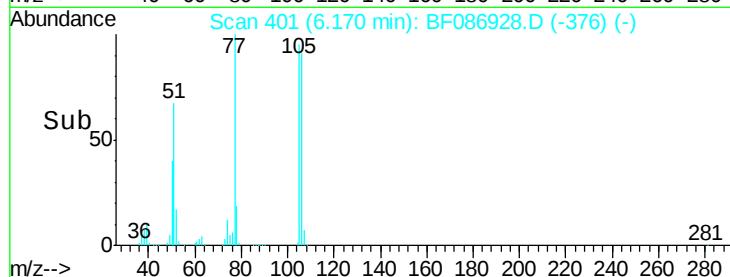
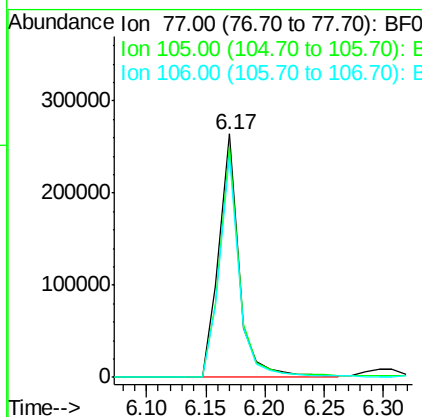
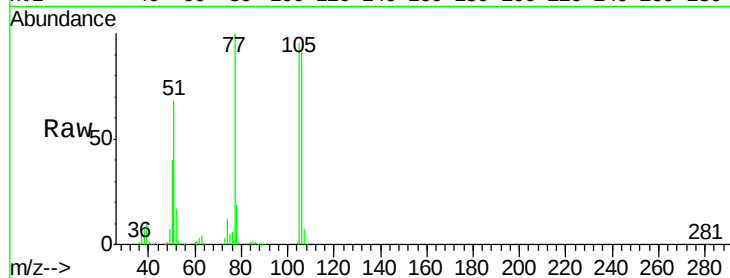
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	314810
Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.7	112.7
106	90.9	70.8	110.8

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#10

Phenol

Concen: 36.10 ng

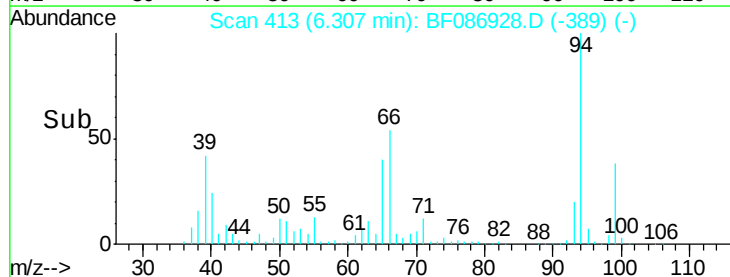
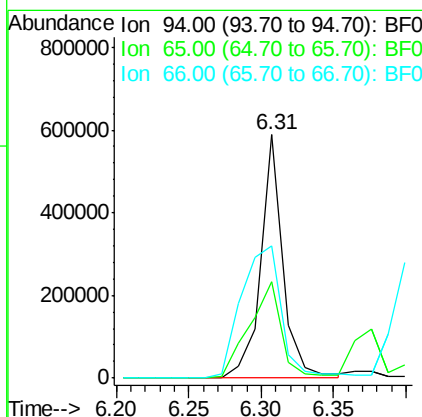
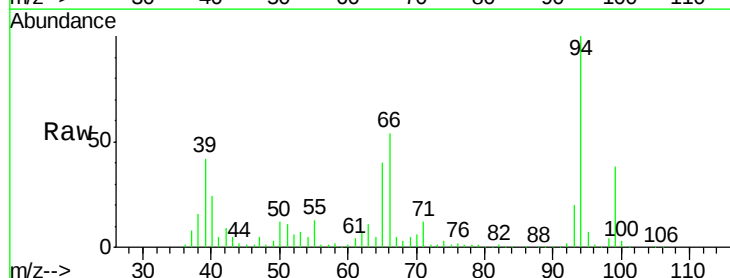
RT: 6.31 min Scan# 413

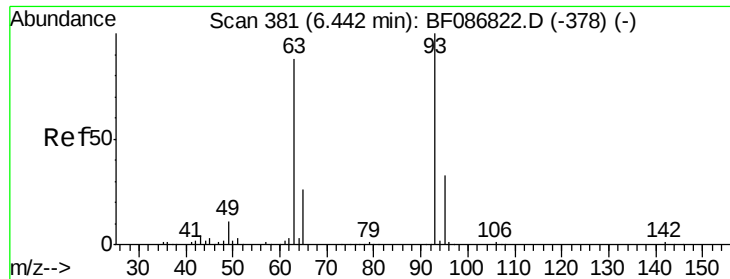
Delta R.T. -0.02 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	94	Resp:	623857
Ion	Ratio	Lower	Upper
94	100		
65	39.5	7.2	47.2
66	54.4	14.9	54.9





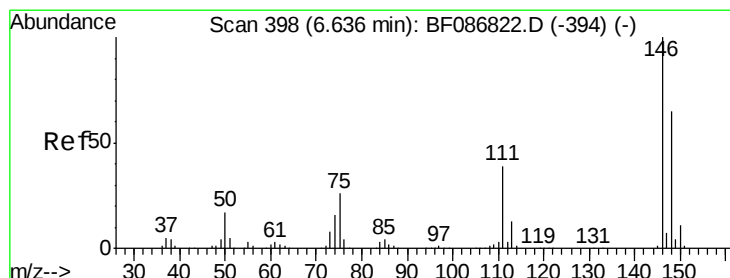
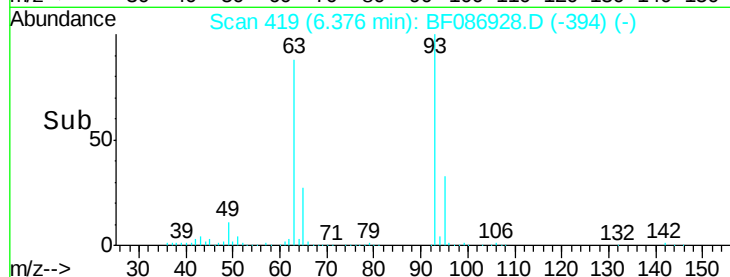
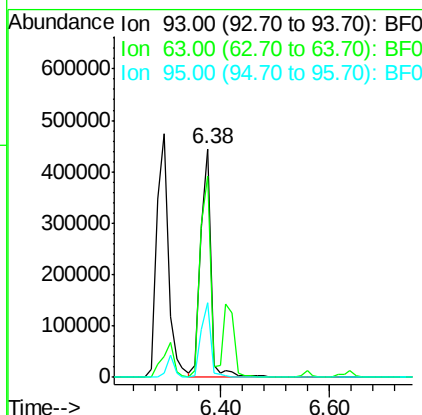
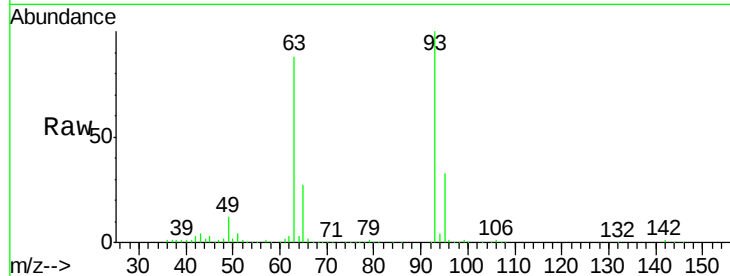
#11
bis(2-Chloroethyl)ether
Concen: 42.43 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	571786		
63	87.9	58.0	98.0	
95	32.8	11.9	51.9	

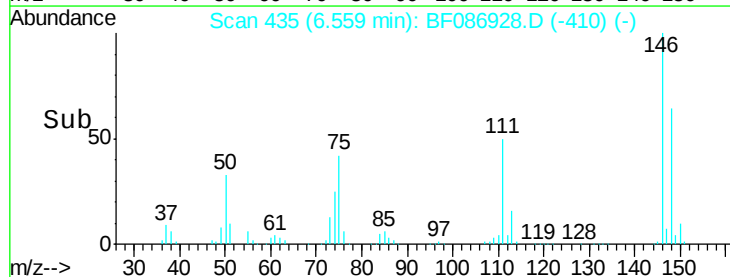
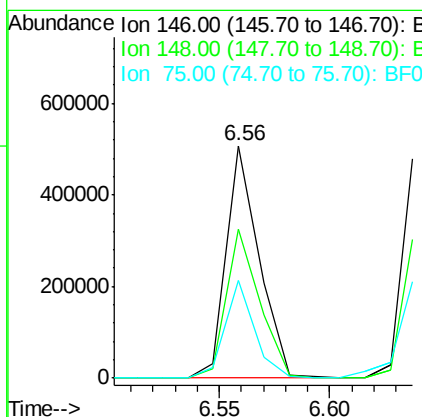
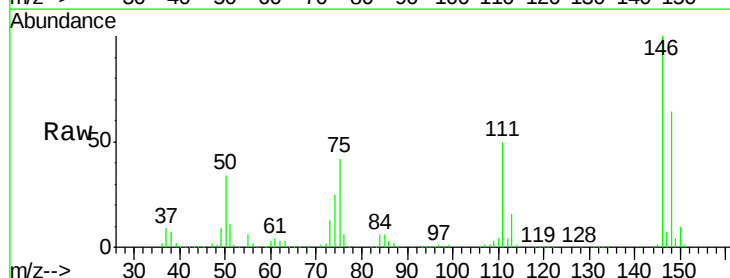
Manual Integrations
APPROVED

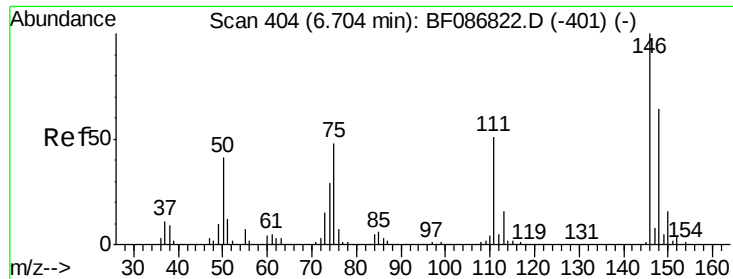
sohil
5/13/2016 8:03:31 PM



#12
1,3-Dichlorobenzene
Concen: 36.80 ng m
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	522831		
148	63.9	52.4	78.6	
75	42.3	22.8	34.2#	





#13

1,4-Dichlorobenzene

Concen: 36.90 ng m

RT: 6.64 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

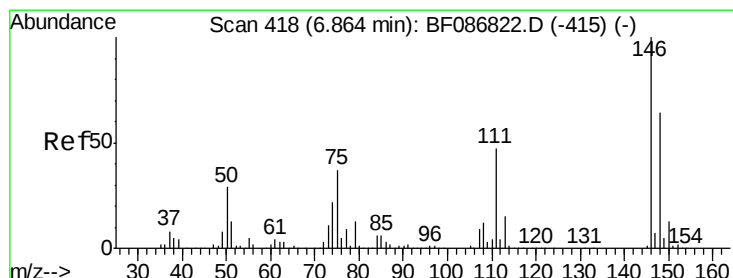
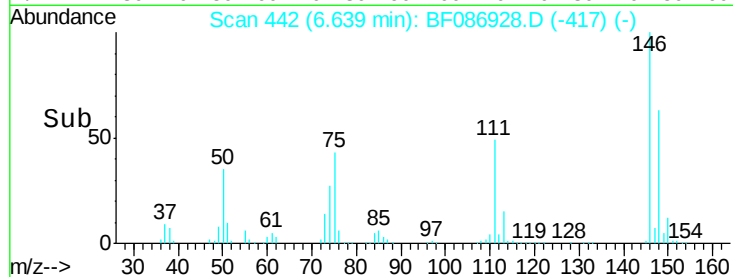
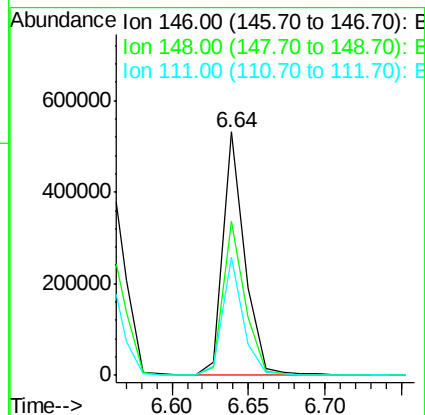
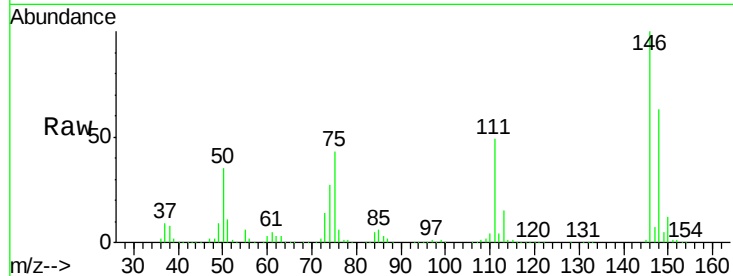
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	534514
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.4
111	48.8	30.7	46.1#

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#14

1,2-Dichlorobenzene

Concen: 40.10 ng

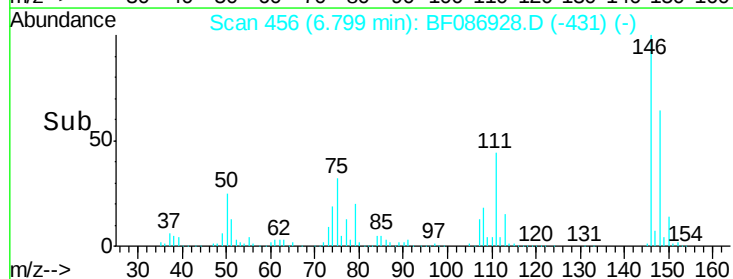
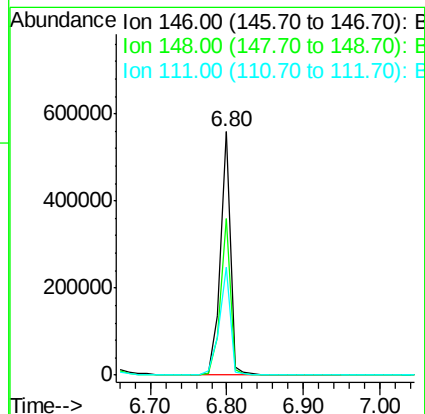
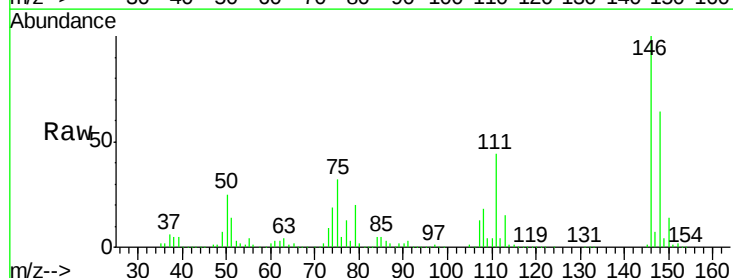
RT: 6.80 min Scan# 456

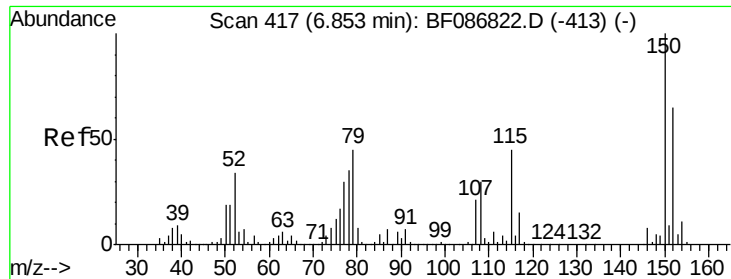
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	146	Resp:	506338
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	44.2	36.2	54.4





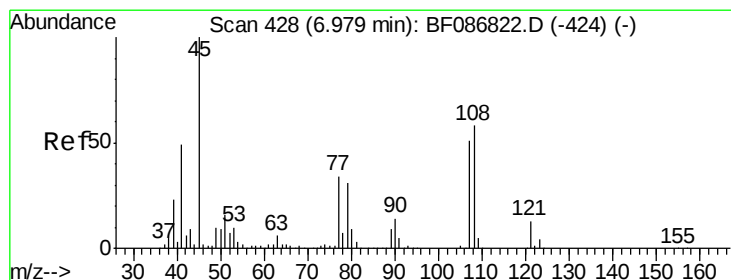
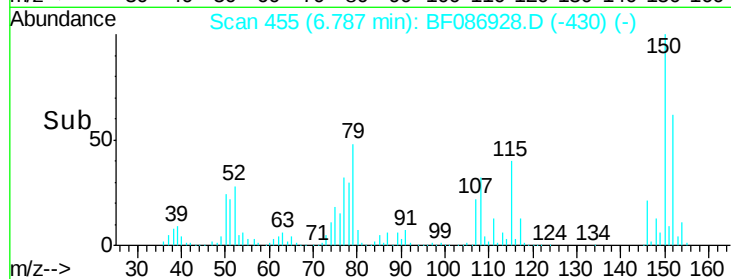
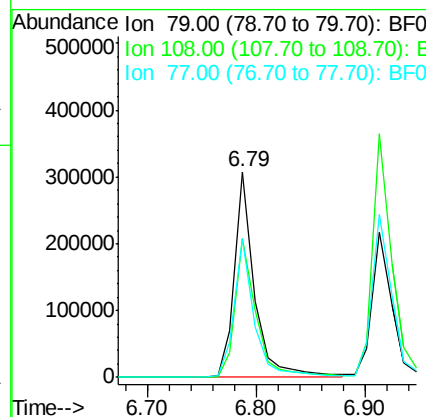
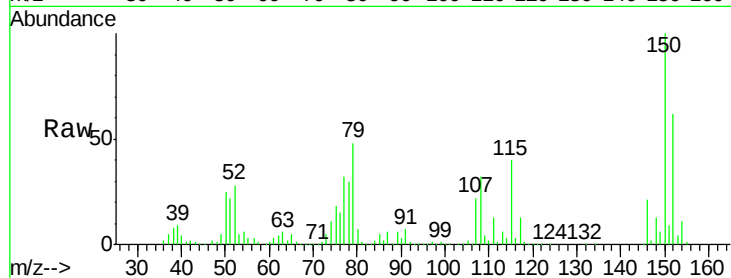
#15
Benzyl Alcohol
Concen: 39.38 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	395345		
108	67.7	68.4	102.6#	
77	67.1	50.6	76.0	

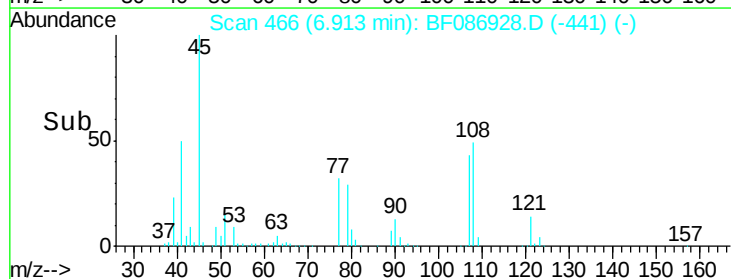
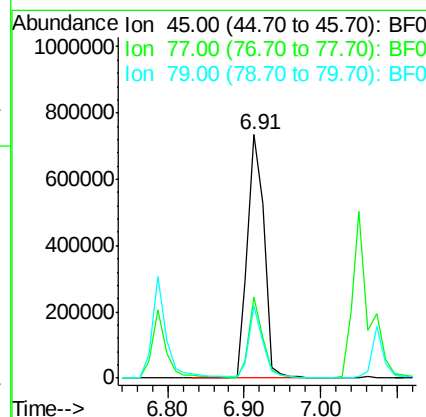
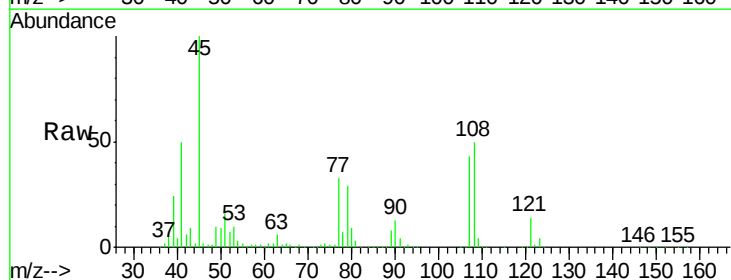
Manual Integrations
APPROVED

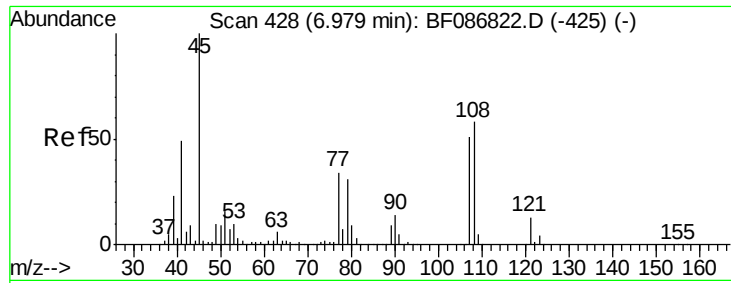
sohil
5/13/2016 8:03:31 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.92 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1110996		
77	33.2	0.0	36.4	
79	29.4	0.0	33.4	





#17

2-Methylphenol

Concen: 37.50 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF086928.D

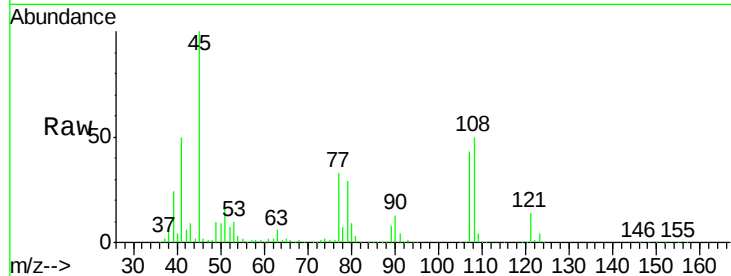
Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

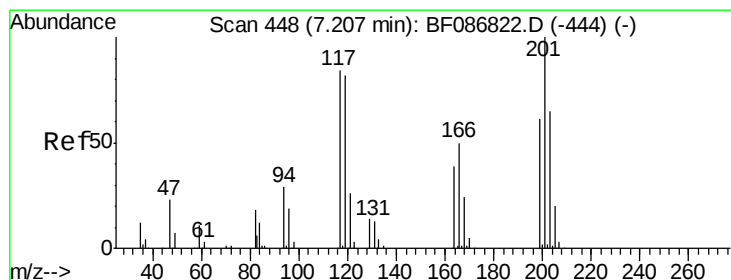
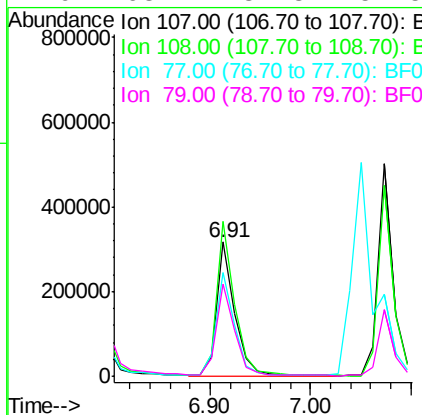
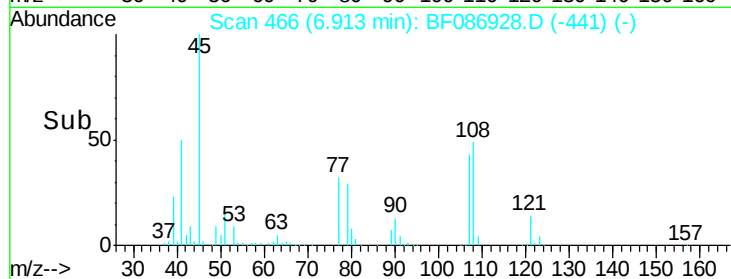
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	391674		
108	114.9	93.7	140.5	
77	76.9	33.4	50.0	
79	68.2	34.3	51.5	

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#18

Hexachloroethane

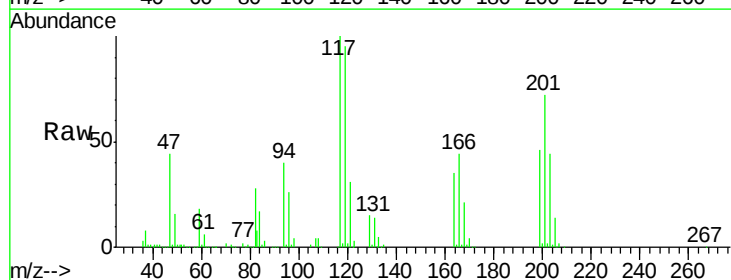
Concen: 38.82 ng

RT: 7.13 min Scan# 485

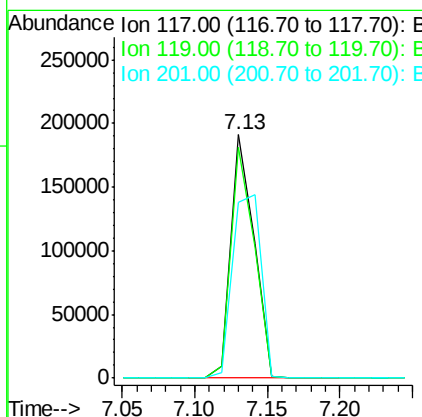
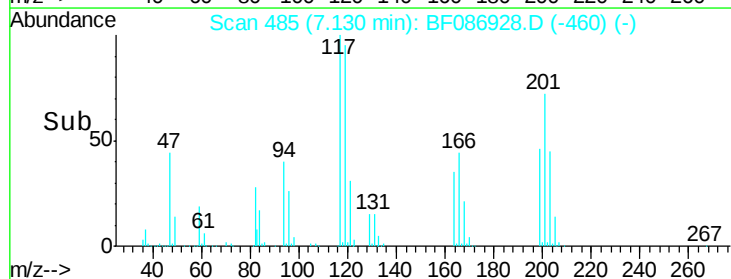
Delta R.T. -0.01 min

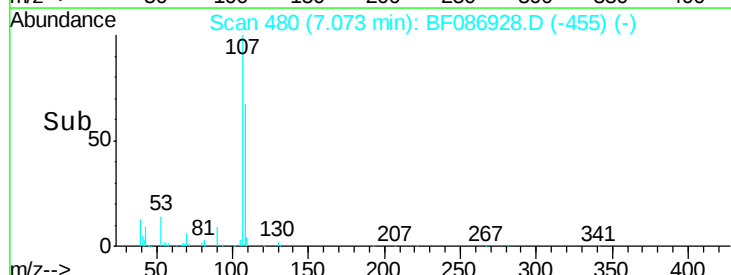
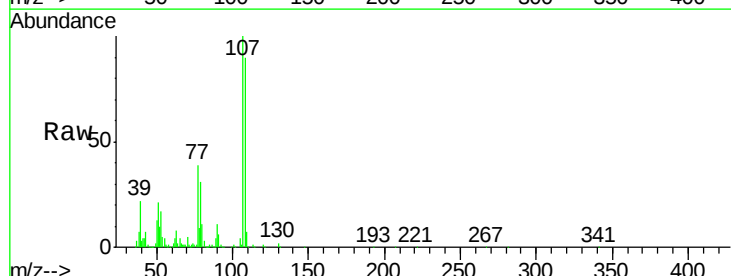
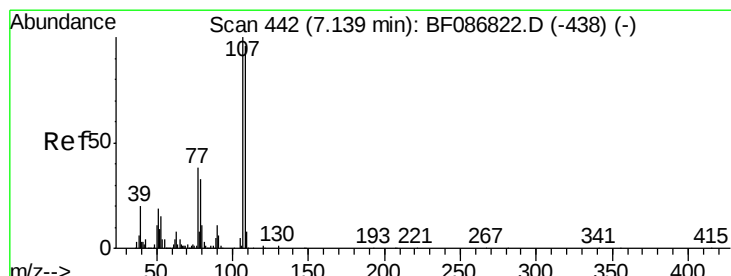
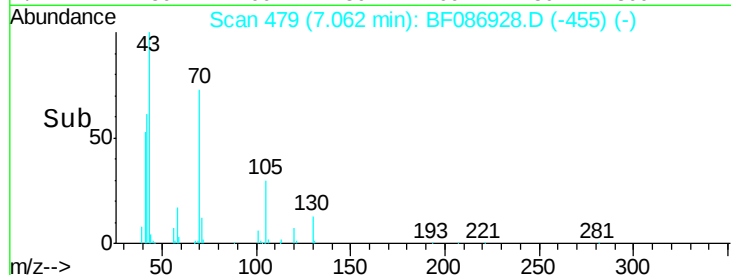
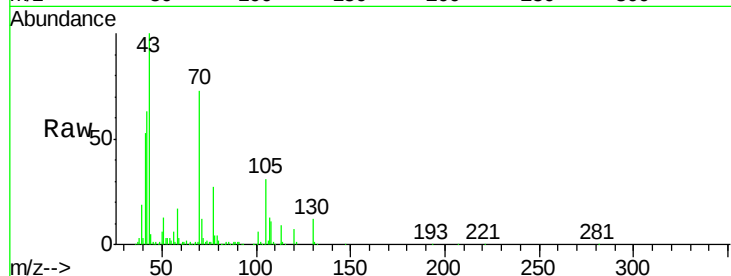
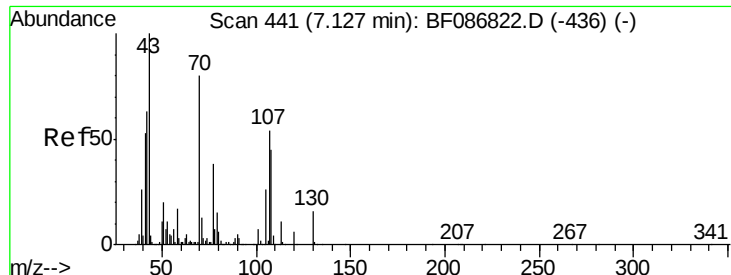
Lab File: BF086928.D

Acq: 12 May 2016 14:06



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	211594		
119	94.6	76.5	114.7	
201	72.0	63.0	94.6	





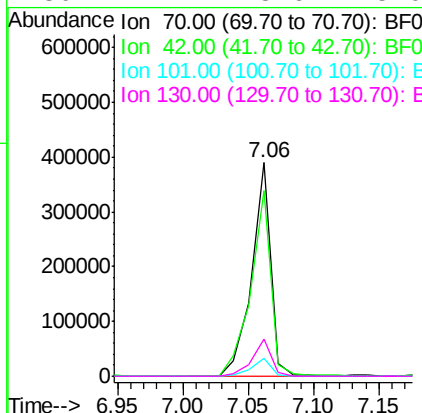
#19
n-Nitroso-di-n-propylamine
Concen: 39.33 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	86.6	43.1	64.7#
101	8.6	8.1	12.1
130	17.2	18.6	28.0#

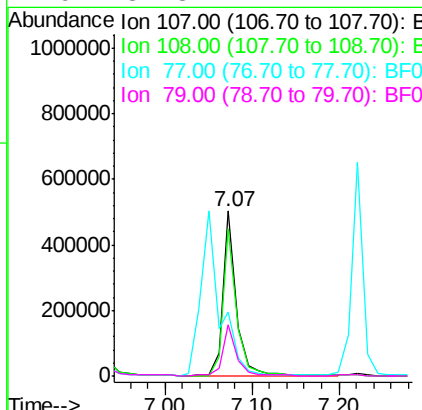
Manual Integrations
APPROVED

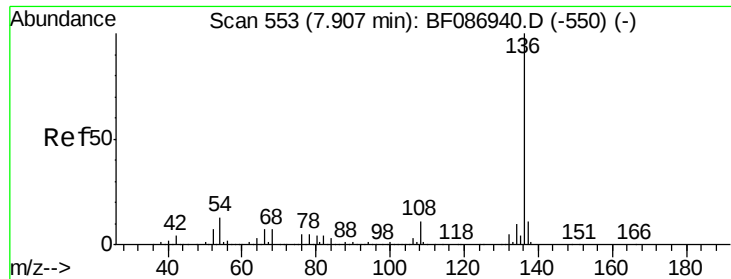
sohil
5/13/2016 8:03:31 PM



#20
3+4-Methylphenols
Concen: 39.49 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.6	68.5	108.5
77	38.6	101.6	141.6#
79	31.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF086928.D

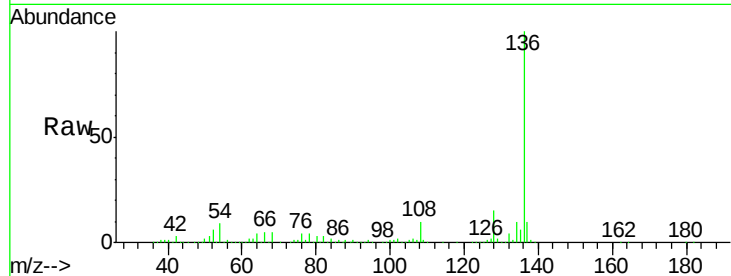
Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

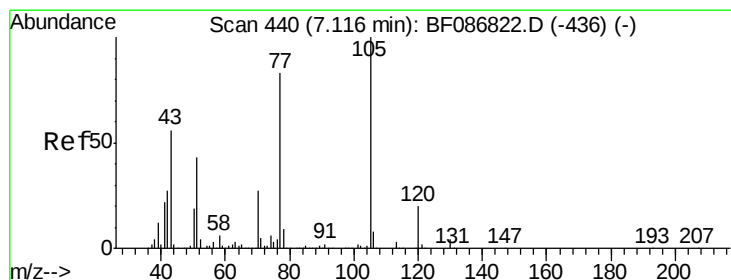
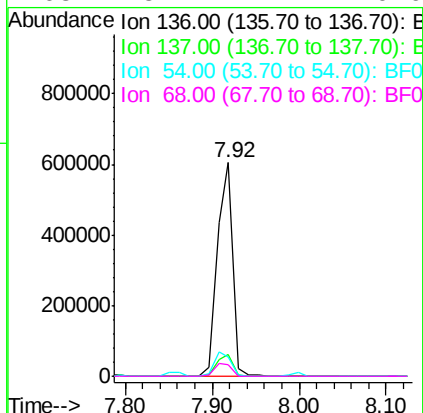
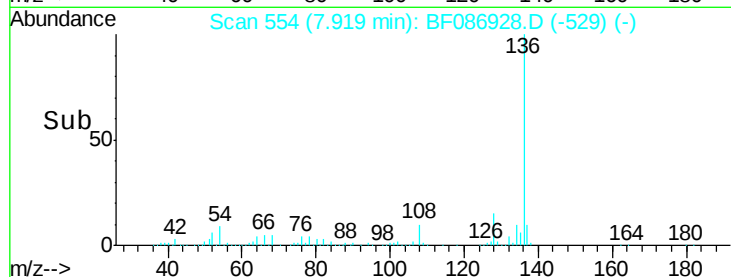
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	751464		
137	10.5	8.8	13.2	
54	9.2	5.0	7.4#	
68	5.4	4.4	6.6	

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#22

Acetophenone

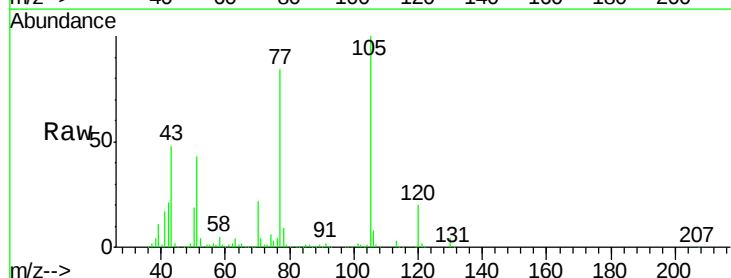
Concen: 40.81 ng

RT: 7.05 min Scan# 478

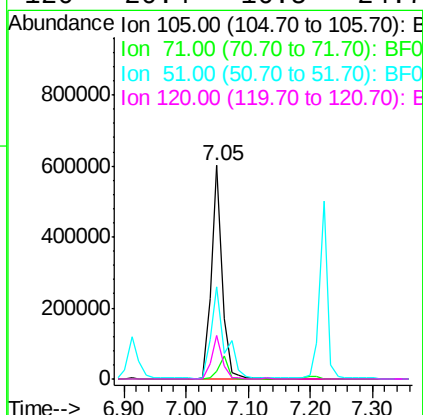
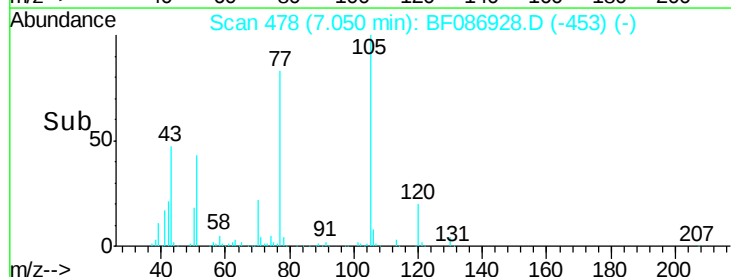
Delta R.T. -0.01 min

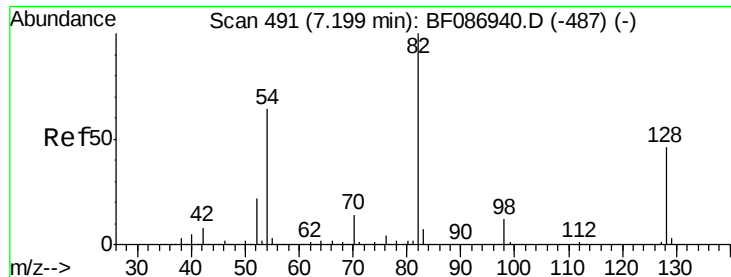
Lab File: BF086928.D

Acq: 12 May 2016 14:06



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	724405		
71	3.7	4.8	7.2#	
51	43.0	32.6	49.0	
120	20.4	16.5	24.7	





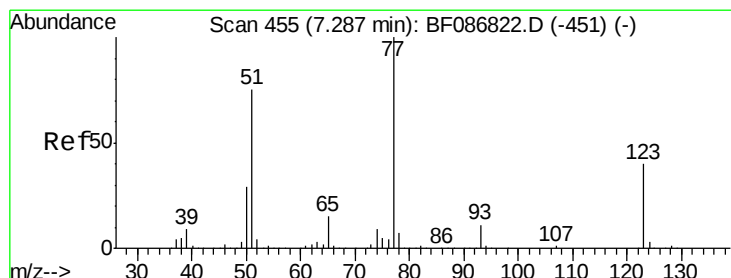
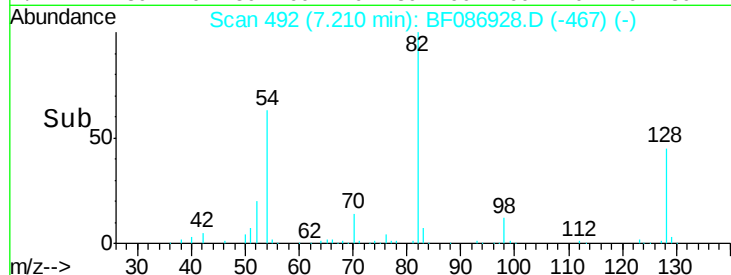
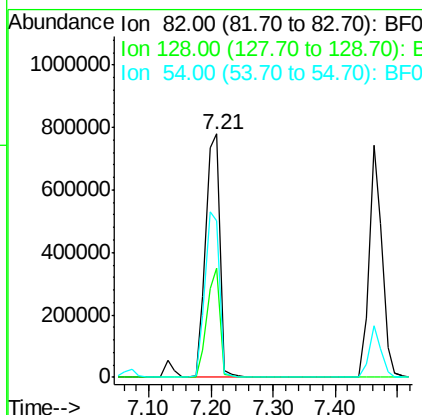
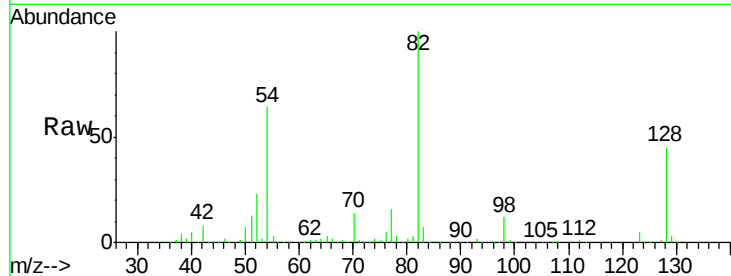
#23
 Nitrobenzene-d5
 Concen: 83.99 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1256898
 Ion Ratio Lower Upper
 82 100
 128 45.0 40.6 61.0
 54 64.4 38.1 57.1#

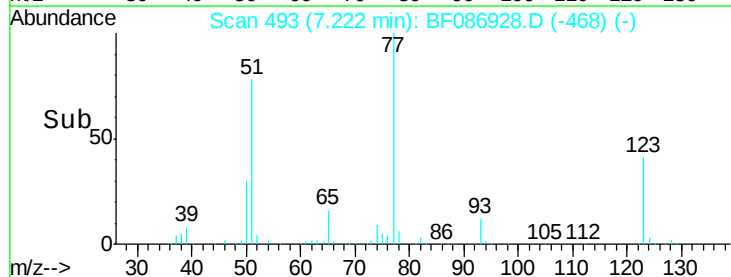
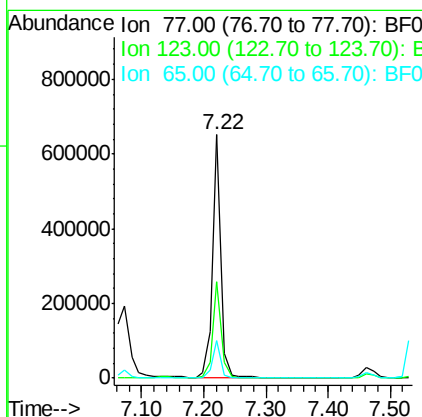
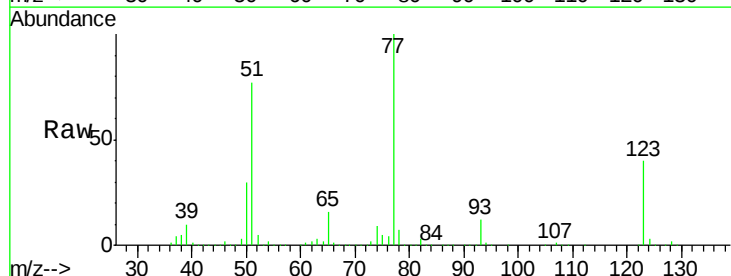
Manual Integrations
 APPROVED

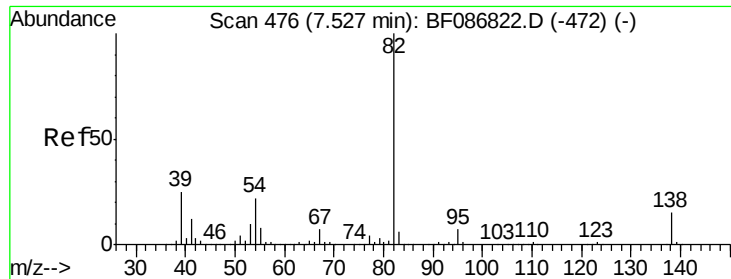
sohil
 5/13/2016 8:03:31 PM



#24
 Nitrobenzene
 Concen: 39.47 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion: 77 Resp: 607695
 Ion Ratio Lower Upper
 77 100
 123 39.8 33.0 49.4
 65 15.5 10.8 16.2





#25

Isophorone

Concen: 38.04 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

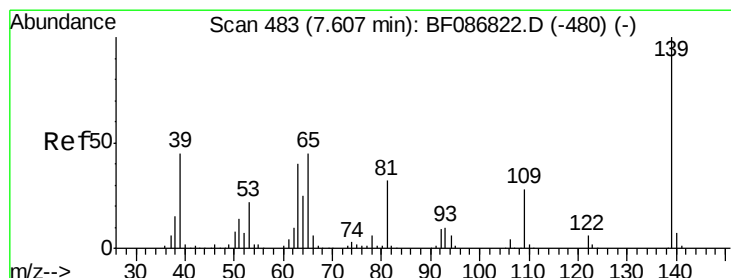
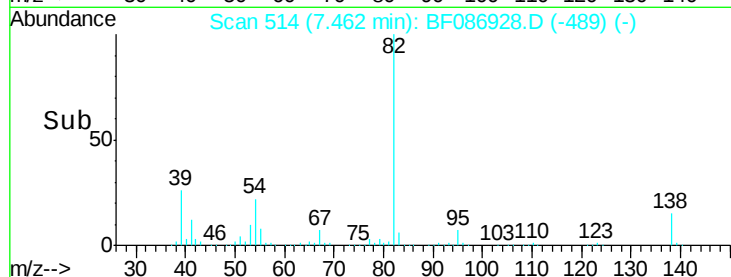
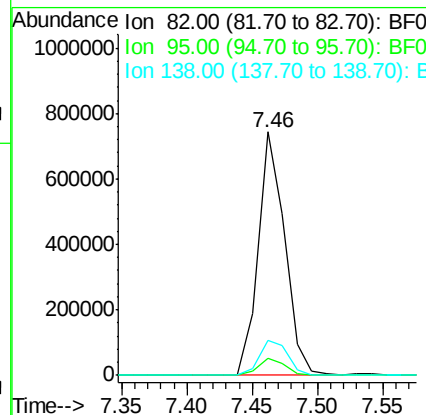
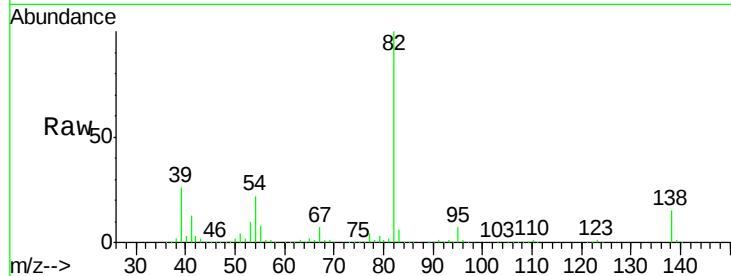
SSTDCCC040

Tgt Ion: 82 Resp: 1056227

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.1	7.7
138	14.6	12.4	18.6

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#26

2-Nitrophenol

Concen: 43.57 ng

RT: 7.54 min Scan# 521

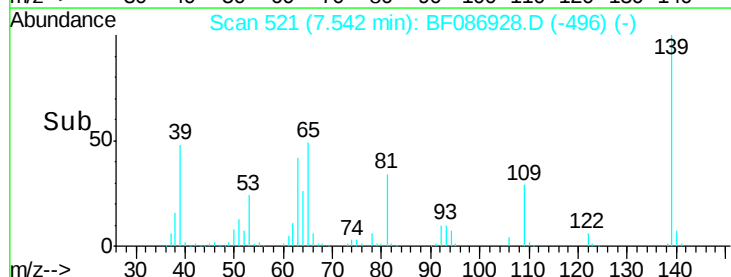
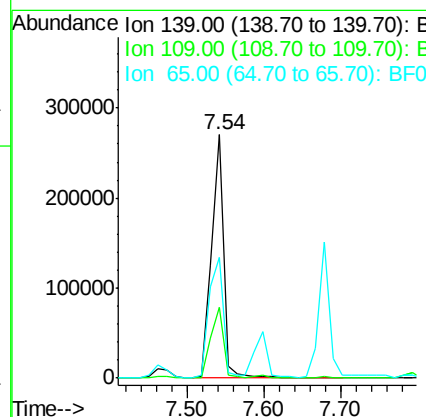
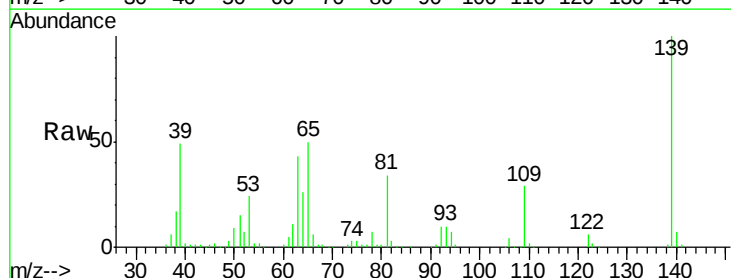
Delta R.T. -0.01 min

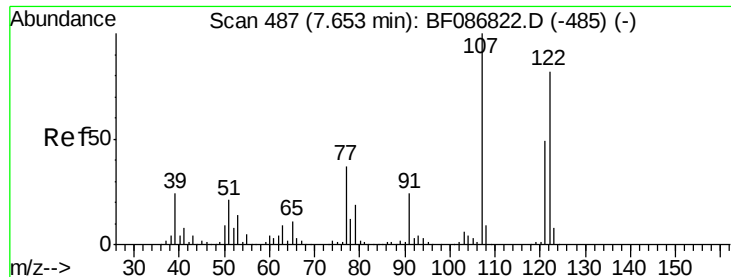
Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion: 139 Resp: 294873

Ion	Ratio	Lower	Upper
139	100		
109	29.0	19.5	29.3
65	49.5	37.5	56.3





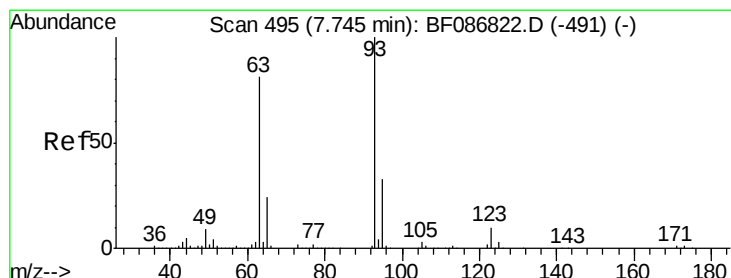
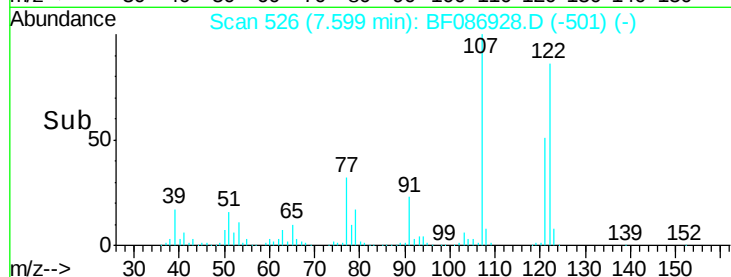
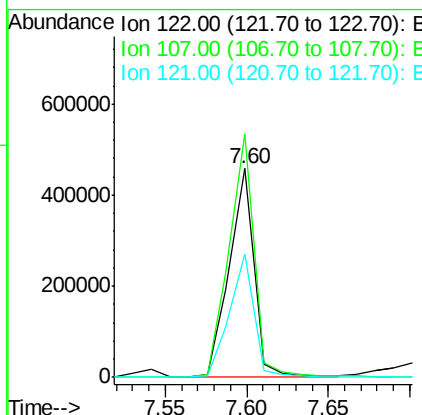
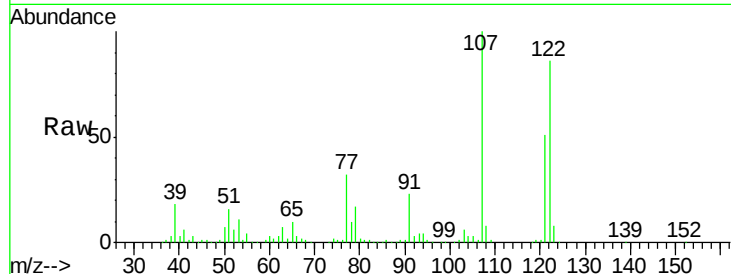
#27
 2,4-Dimethylphenol
 Concen: 41.91 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	483156		
107	116.5	82.0	123.0	
121	59.2	46.1	69.1	

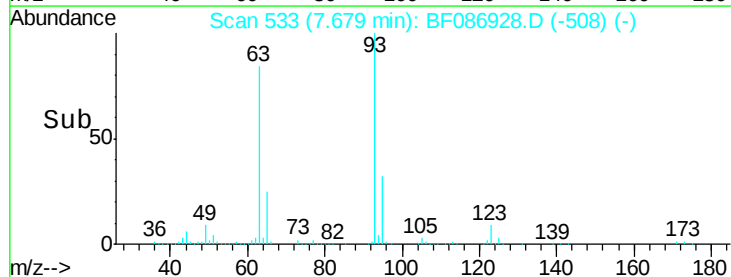
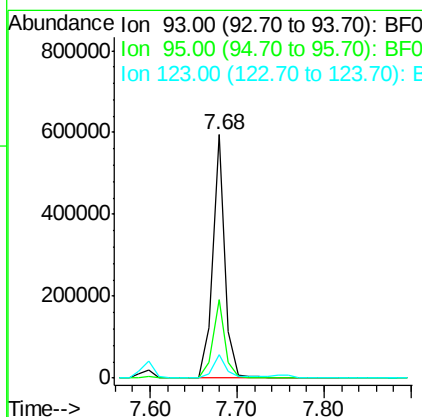
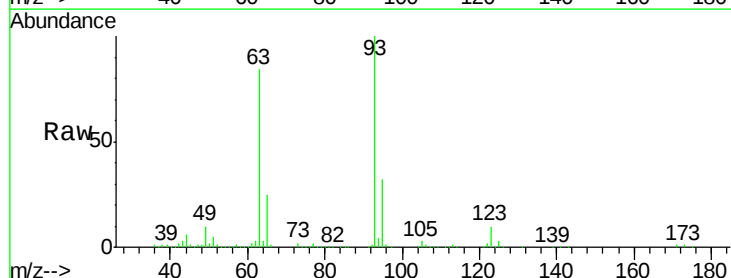
Manual Integrations
 APPROVED

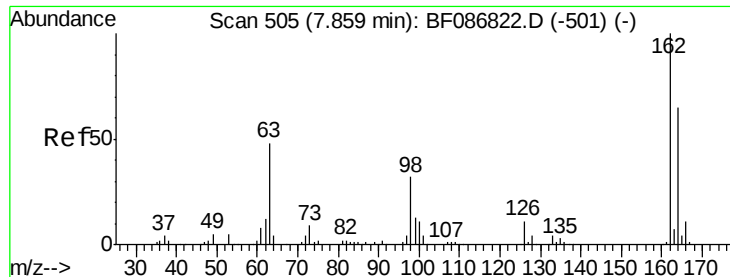
sohil
 5/13/2016 8:03:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.05 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	584832		
95	32.1	26.0	39.0	
123	9.6	9.5	14.3	





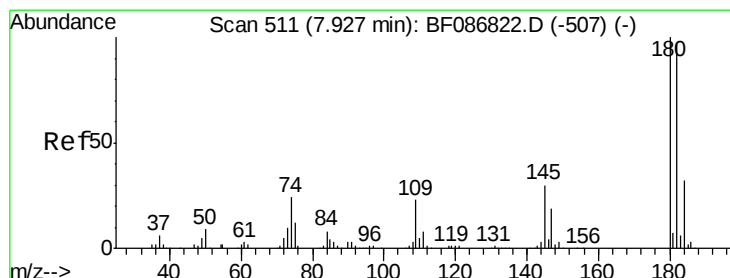
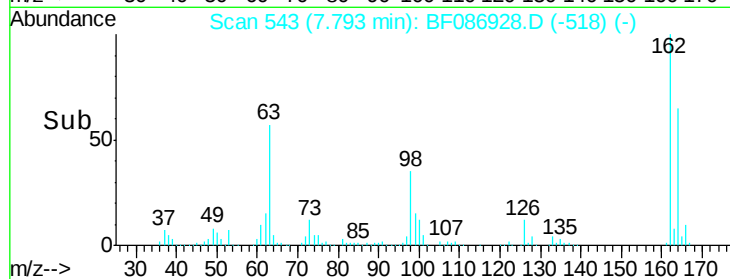
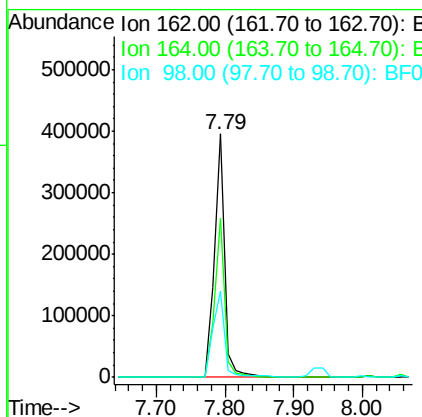
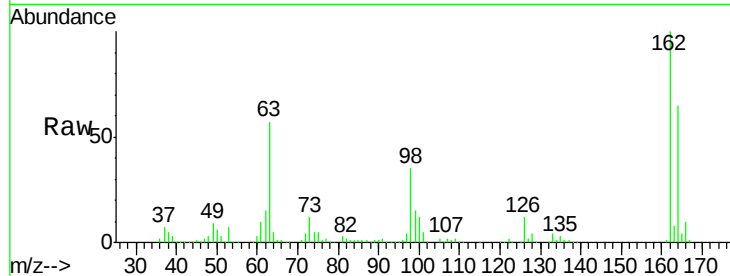
#29
 2,4-Dichlorophenol
 Concen: 41.44 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	420475		
164	65.2	42.2	82.2	
98	35.2	19.0	59.0	

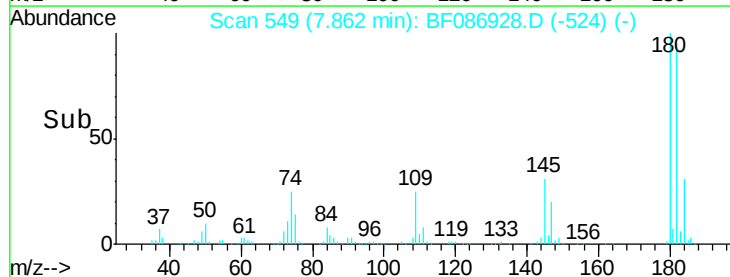
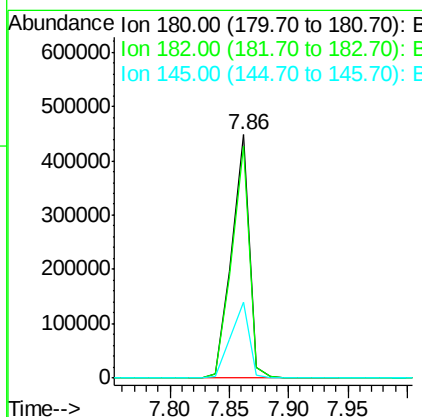
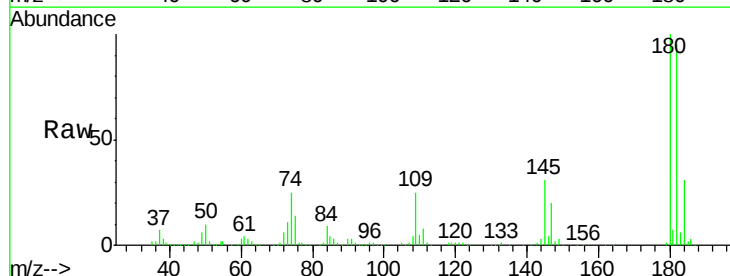
Manual Integrations
 APPROVED

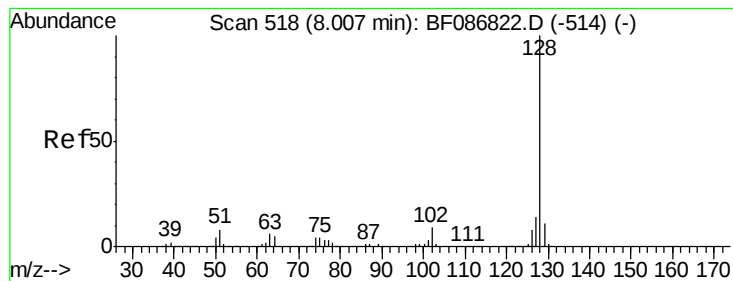
sohil
 5/13/2016 8:03:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.95 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	464521		
182	95.2	78.0	117.0	
145	30.9	24.2	36.2	





#31

Naphthalene

Concen: 39.55 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

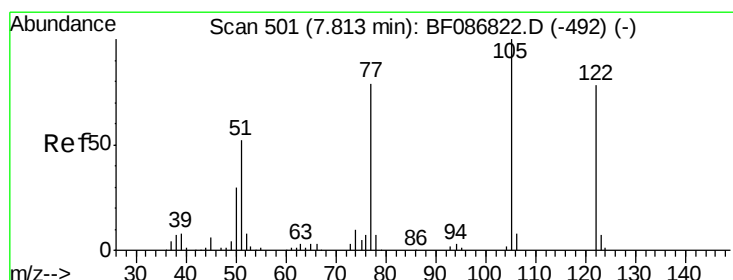
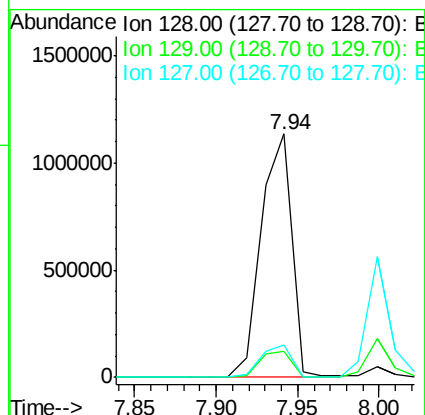
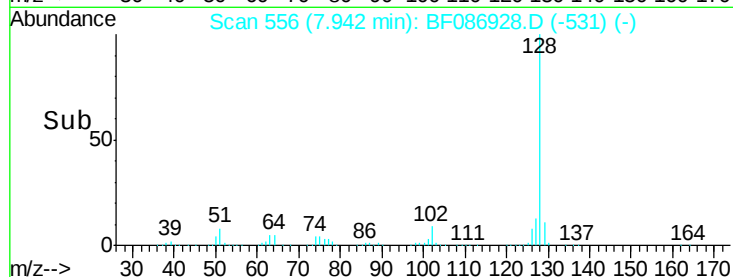
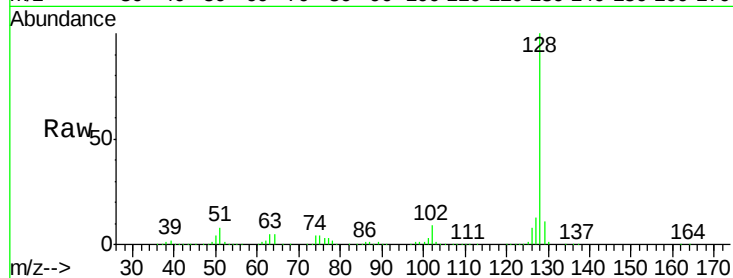
ClientSampleId :

SSTDCCC040

Tgt Ion:	128	Resp:	1488434
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.4	10.8	16.2

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#32

Benzoic acid

Concen: 37.37 ng

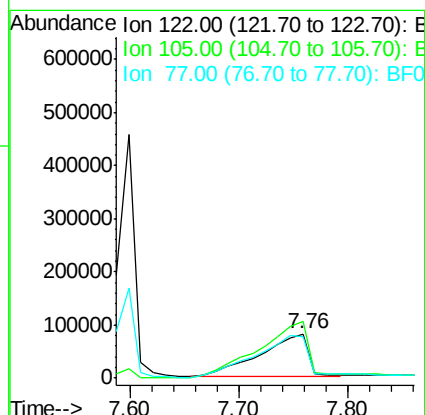
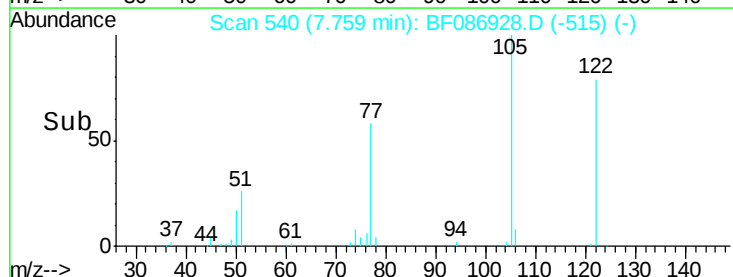
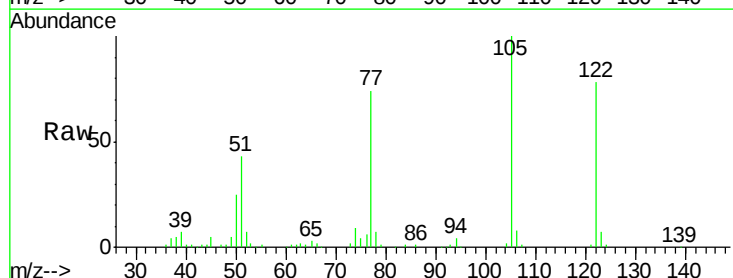
RT: 7.76 min Scan# 540

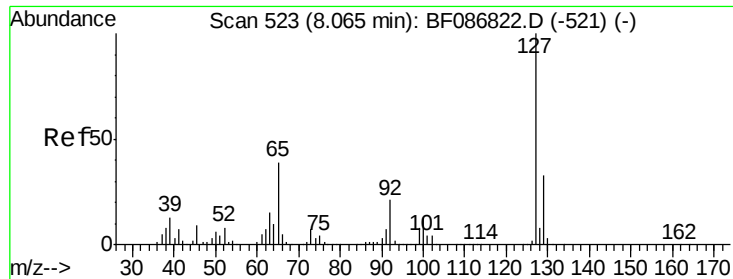
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	122	Resp:	252997
Ion	Ratio	Lower	Upper
122	100		
105	128.1	92.6	132.6
77	94.2	60.0	100.0





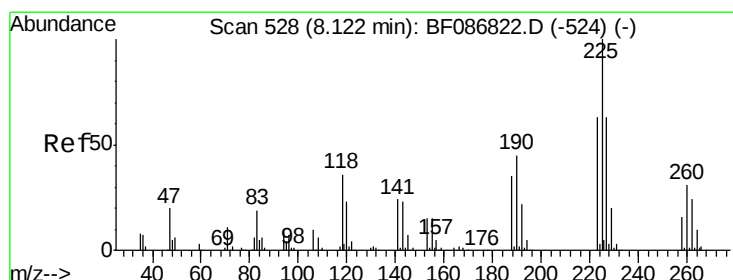
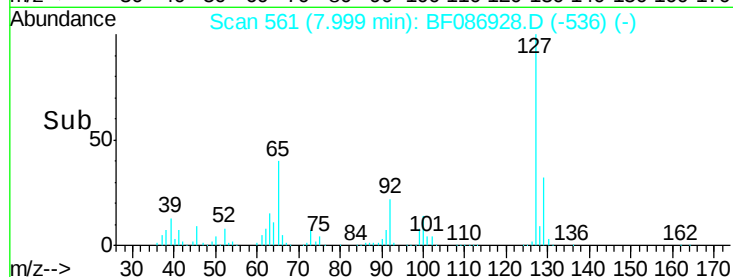
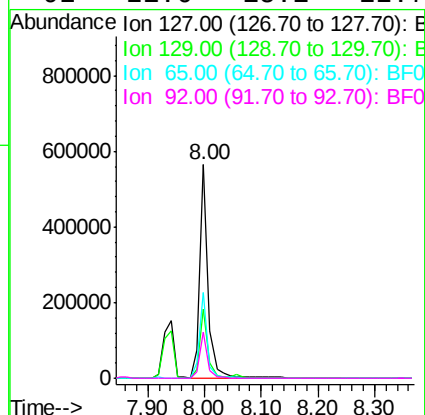
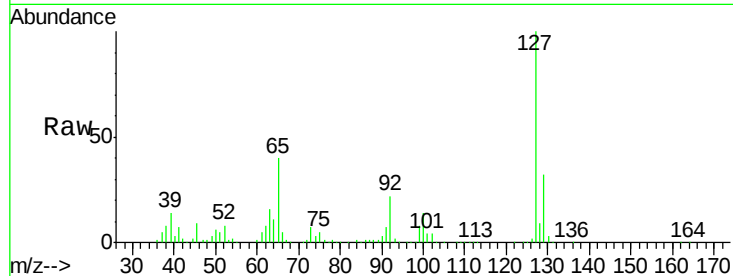
#33
4-Chloroaniline
Concen: 38.99 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	570228		
129	32.2	26.2	39.4	
65	40.2	23.0	34.4	
92	21.6	15.1	22.7	

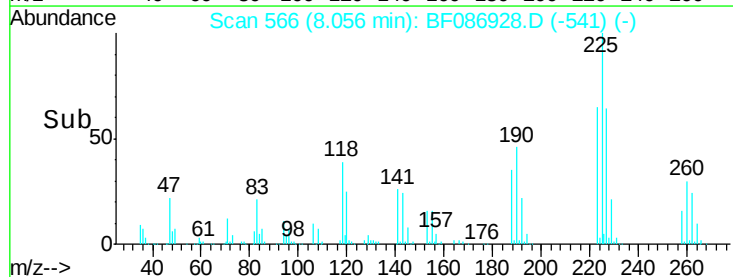
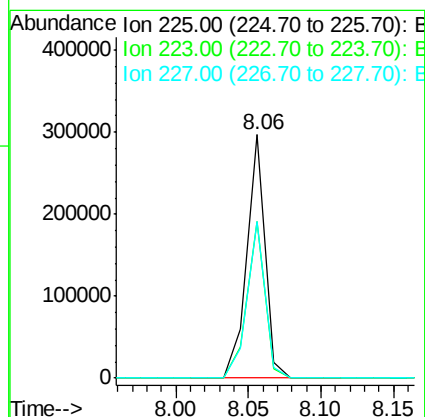
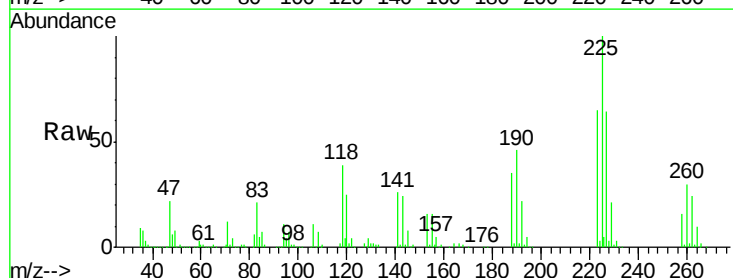
Manual Integrations
APPROVED

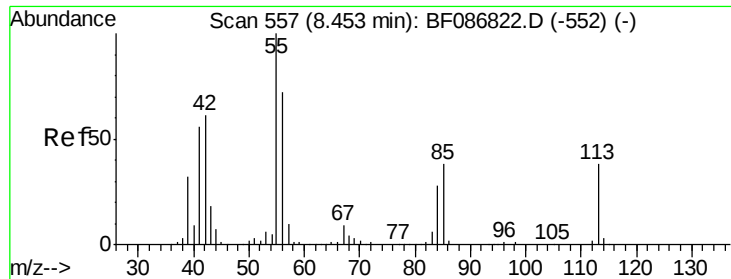
sohil
5/13/2016 8:03:31 PM



#34
Hexachlorobutadiene
Concen: 39.42 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	259503		
223	64.6	51.5	77.3	
227	64.1	52.2	78.2	





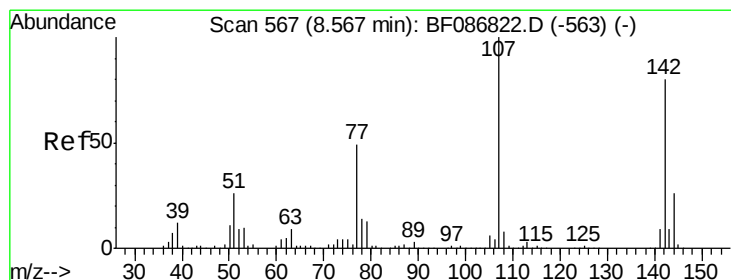
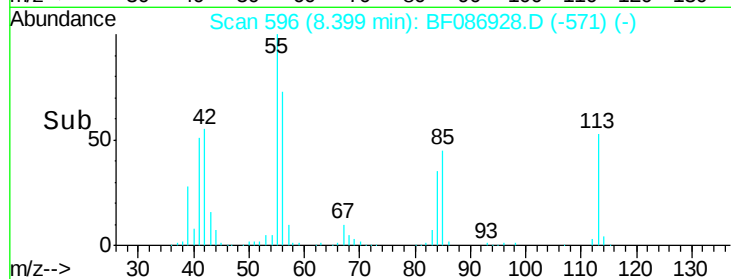
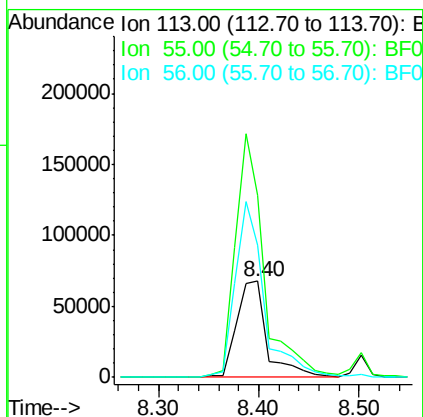
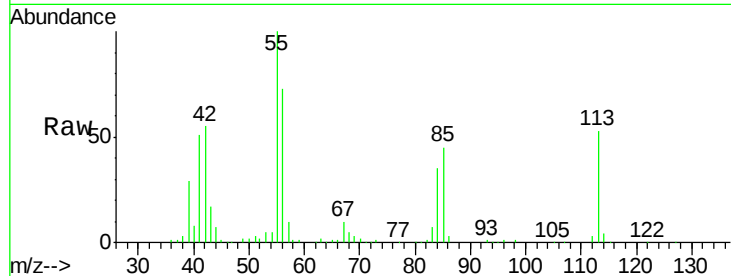
#35
 Caprolactam
 Concen: 41.30 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	189.5	162.0	202.0	
56	138.1	115.3	155.3	

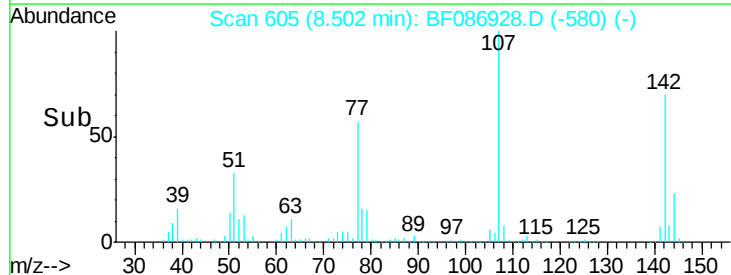
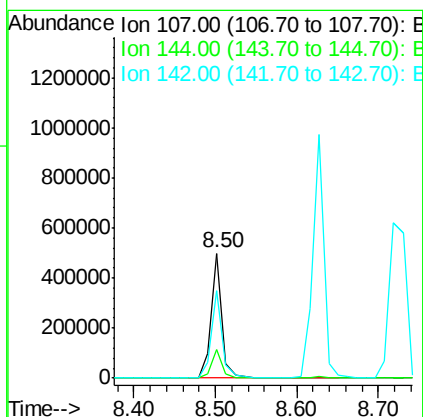
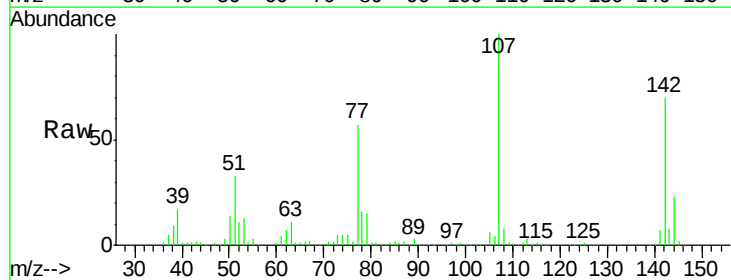
Manual Integrations
 APPROVED

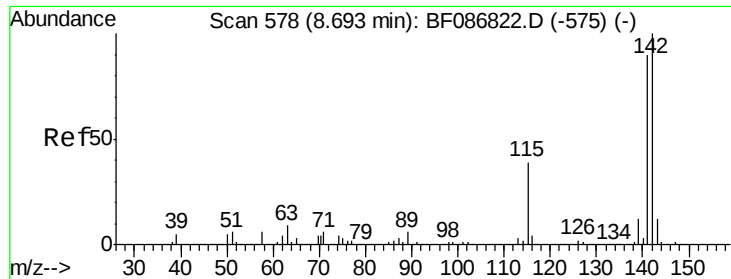
sohil
 5/13/2016 8:03:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.84 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.8	20.7	31.1	
142	70.2	63.2	94.8	





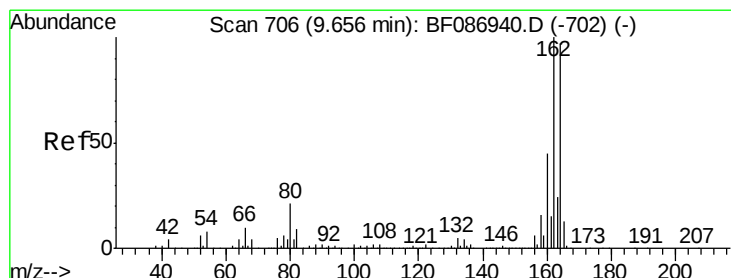
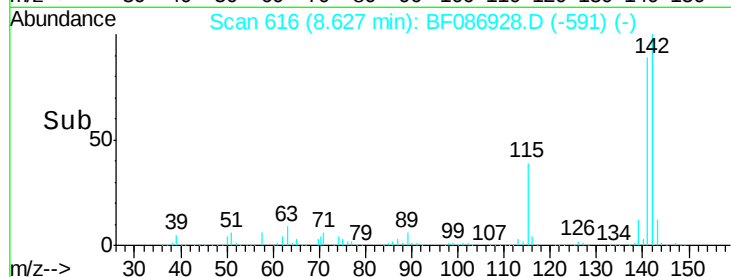
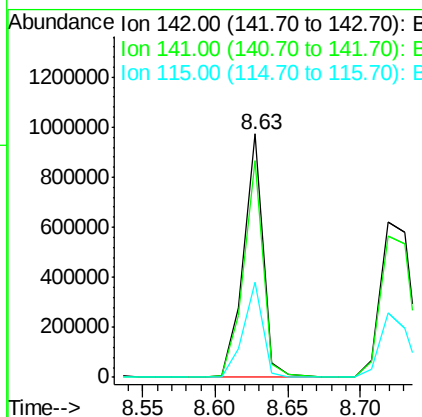
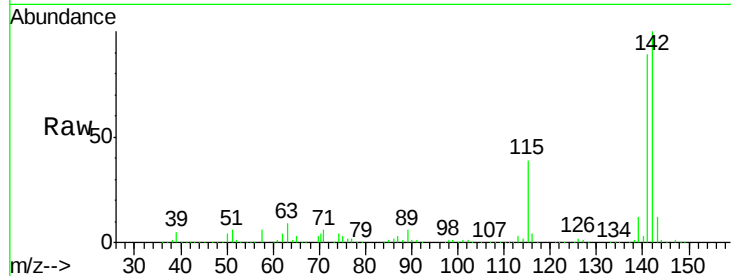
#37
 2-Methylnaphthalene
 Concen: 41.89 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	921851		
141	89.0	71.0	106.6	
115	38.9	26.6	39.8	

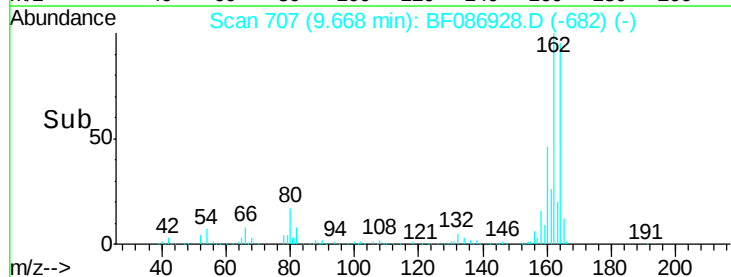
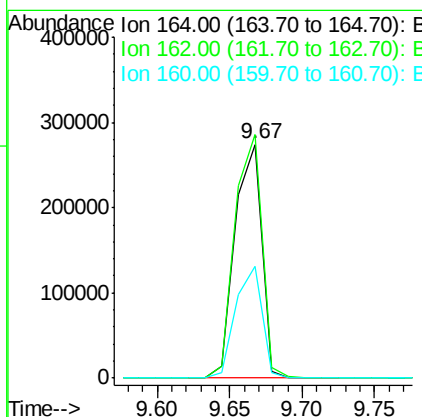
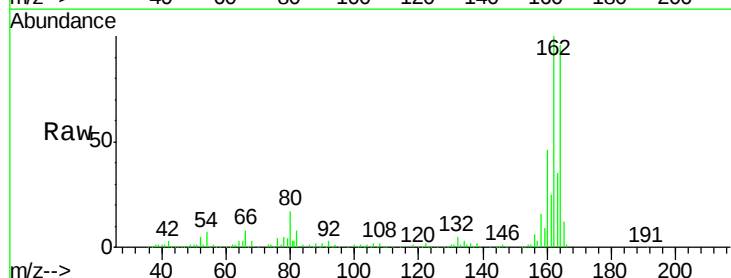
Manual Integrations
 APPROVED

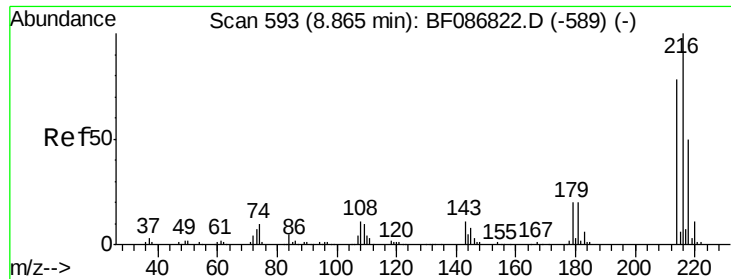
sohil
 5/13/2016 8:03:31 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	352577		
162	104.2	82.8	124.2	
160	48.0	36.9	55.3	





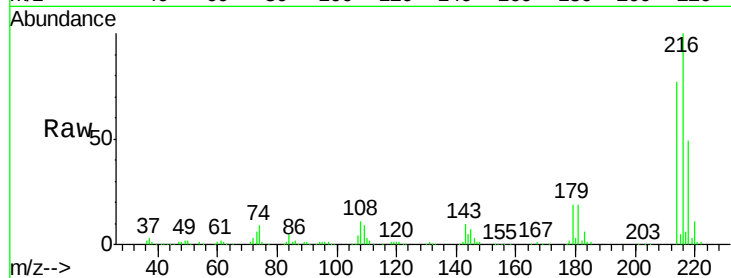
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.78 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

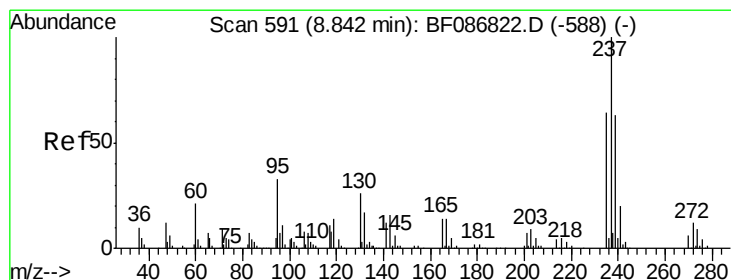
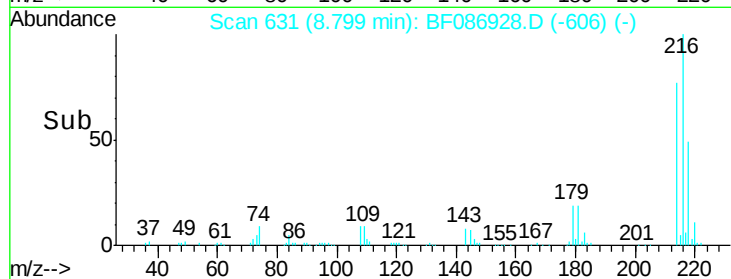
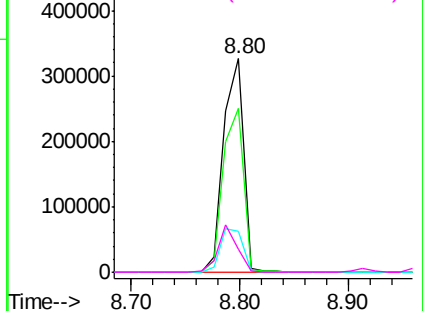
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	417998		
214	78.4	62.6	93.8	
179	22.7	18.2	27.4	
108	21.3	17.5	26.3	

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:03:31 PM

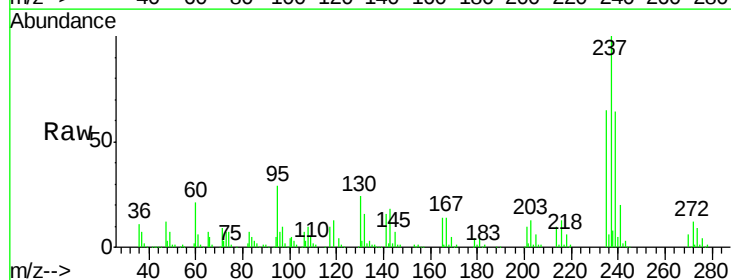


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

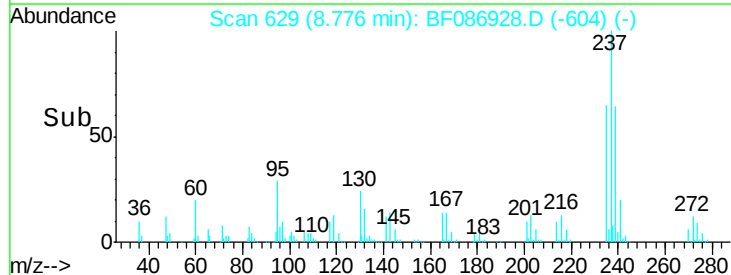
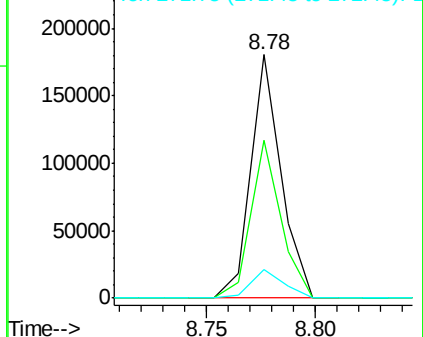


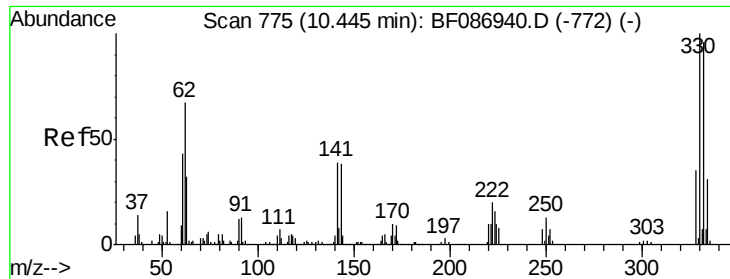
#40
 Hexachlorocyclopentadiene
 Concen: 35.77 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	174070		
235	64.6	47.2	87.2	
272	11.9	0.0	31.1	



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





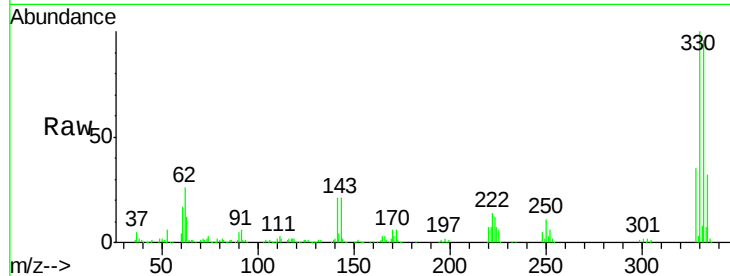
#41
 2,4,6-Tribromophenol
 Concen: 88.12 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

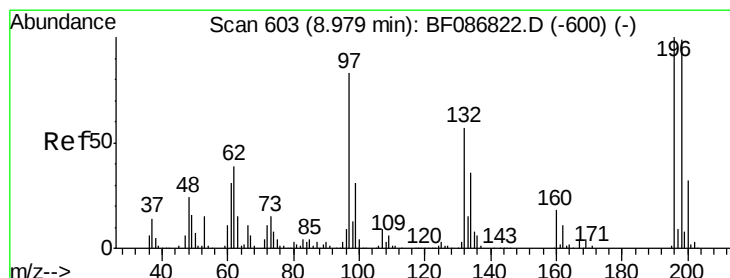
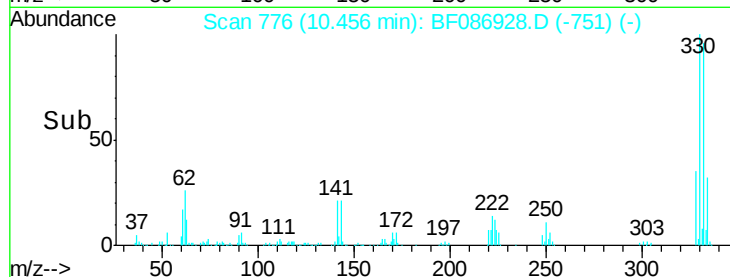
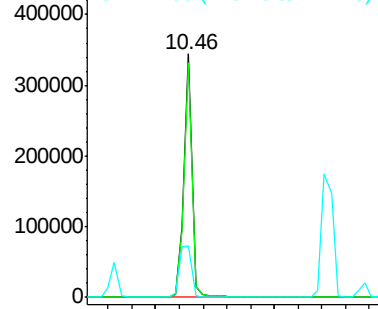
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	328903		
332	95.8	79.0	118.4	
141	32.9	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:03:31 PM



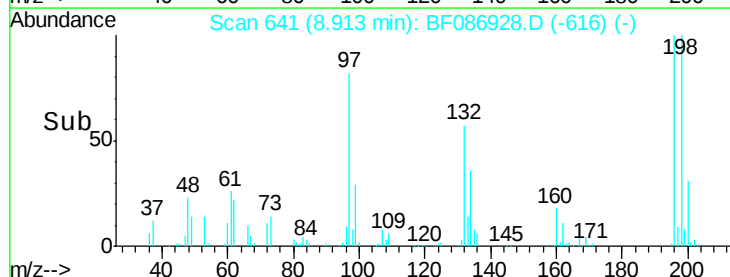
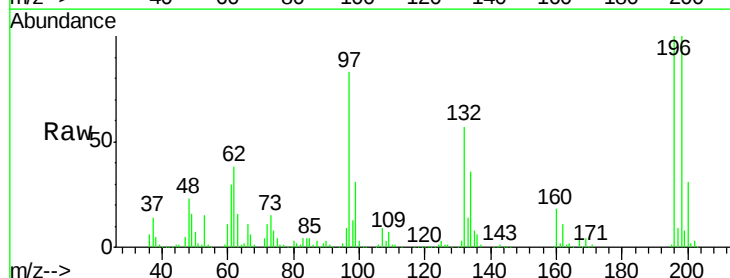
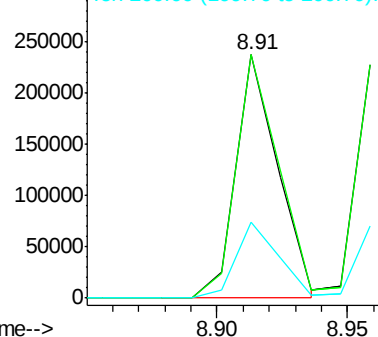
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

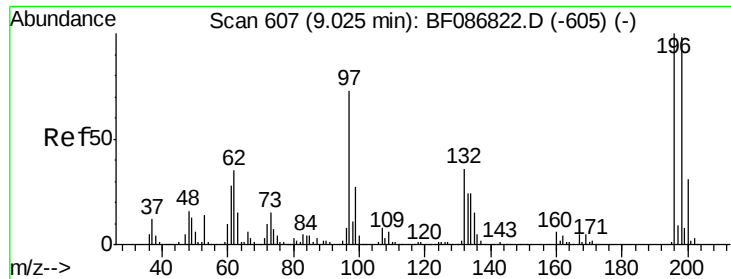


#42
 2,4,6-Trichlorophenol
 Concen: 38.87 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266415		
198	100.1	74.7	112.1	
200	31.0	23.8	35.6	

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





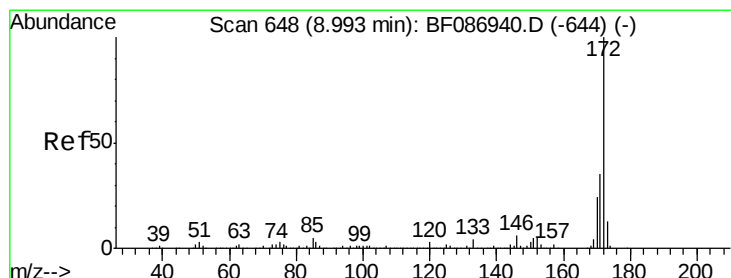
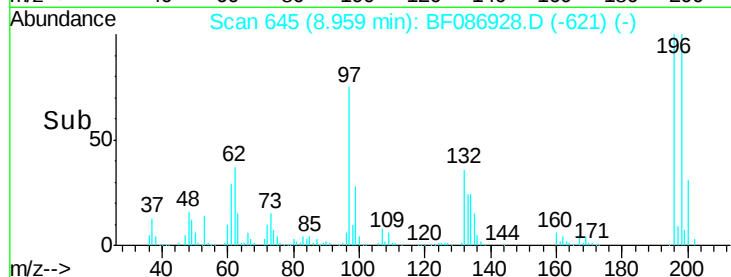
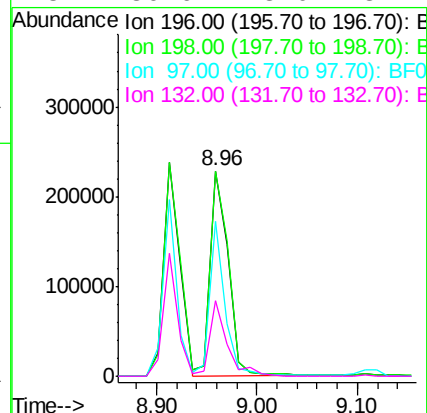
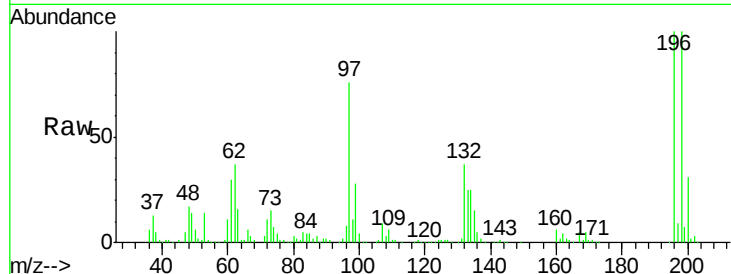
#43
 2,4,5-Trichlorophenol
 Concen: 39.84 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282407		
198	100.1	77.5	116.3	
97	75.6	34.8	52.2	
132	36.6	23.0	34.4	

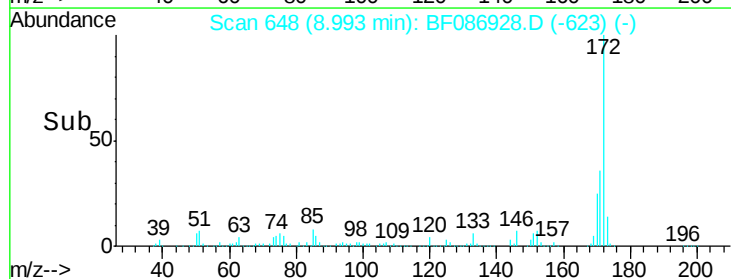
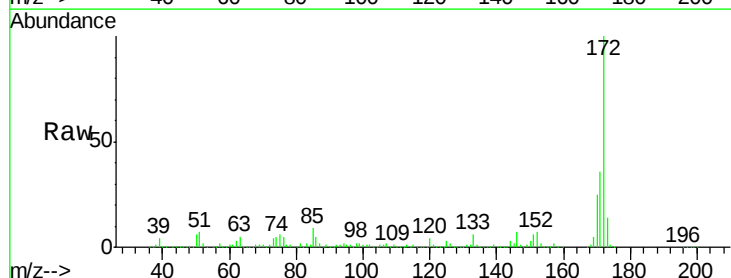
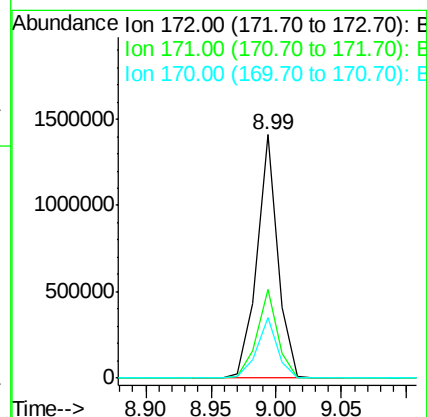
Manual Integrations
 APPROVED

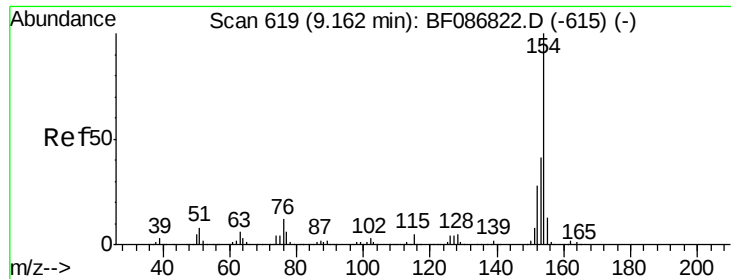
sohil
 5/13/2016 8:03:31 PM



#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1576773		
171	36.4	29.0	43.6	
170	24.8	19.8	29.8	





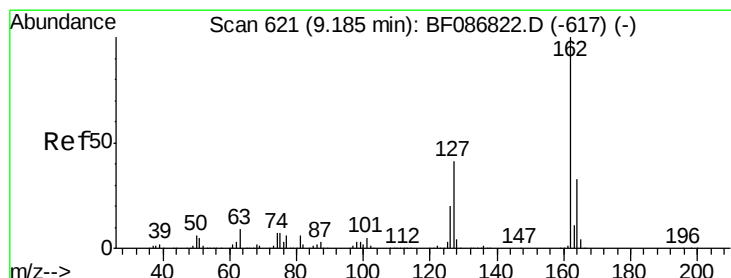
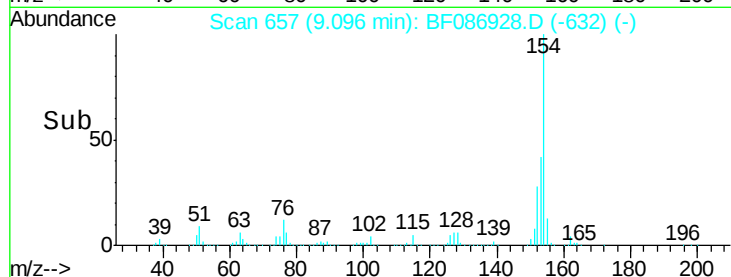
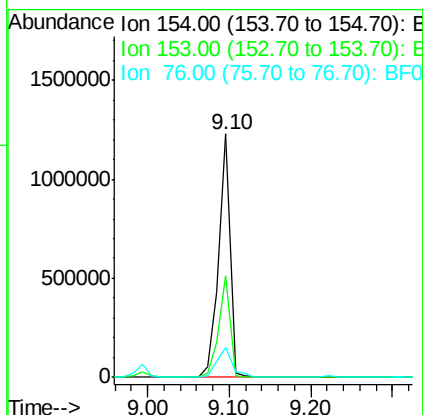
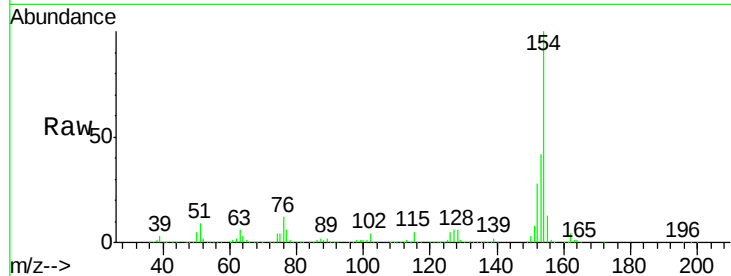
#45
 1,1'-Biphenyl
 Concen: 42.83 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1201195
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.3 60.3
 76 12.4 0.0 30.2

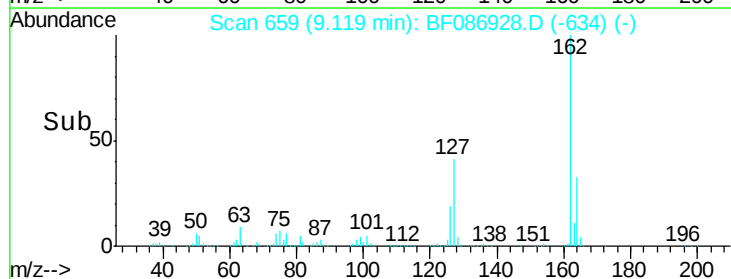
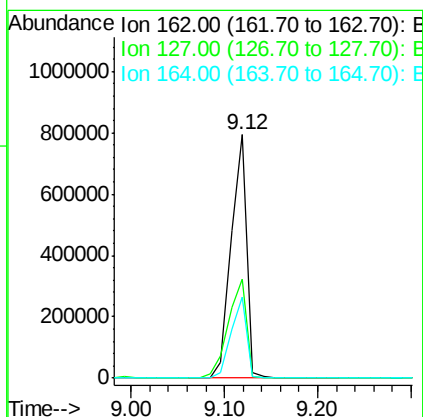
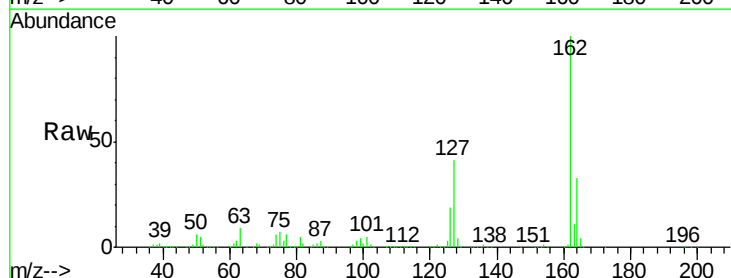
Manual Integrations
 APPROVED

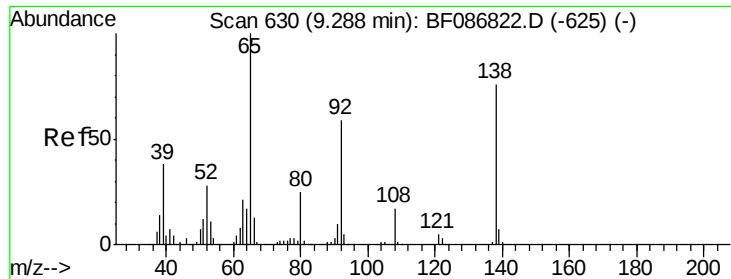
sohil
 5/13/2016 8:03:31 PM



#46
 2-Chloronaphthalene
 Concen: 42.37 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion:162 Resp: 930950
 Ion Ratio Lower Upper
 162 100
 127 40.7 31.8 47.6
 164 33.5 27.0 40.6





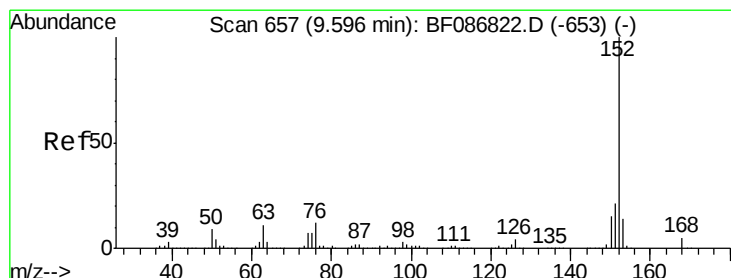
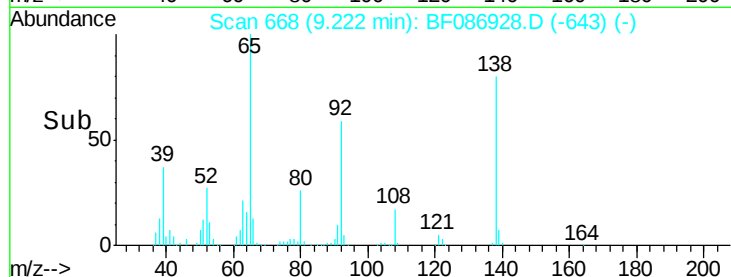
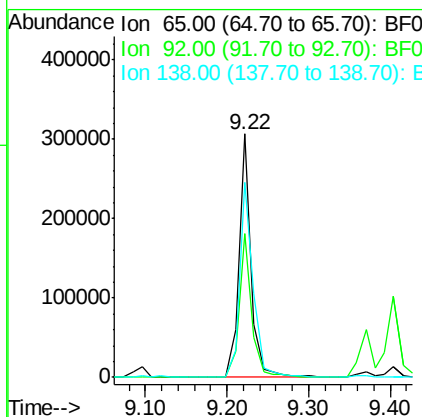
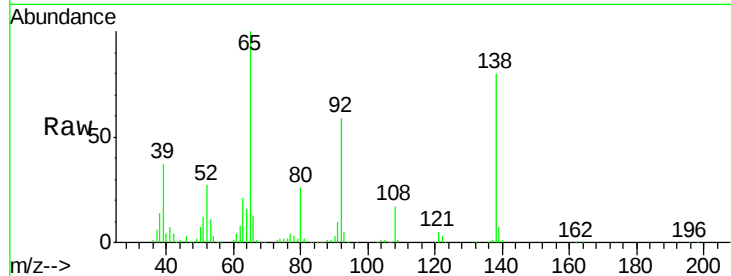
#47
 2-Nitroaniline
 Concen: 39.83 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.3	57.4	86.2
138	79.9	90.1	135.1#

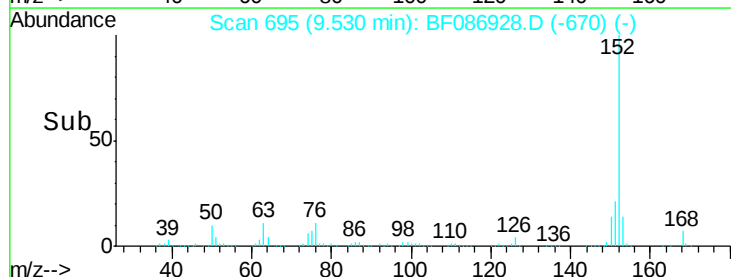
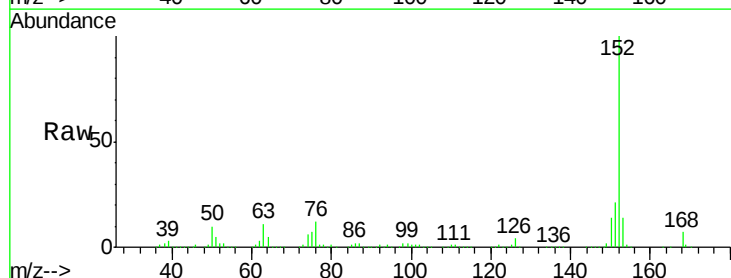
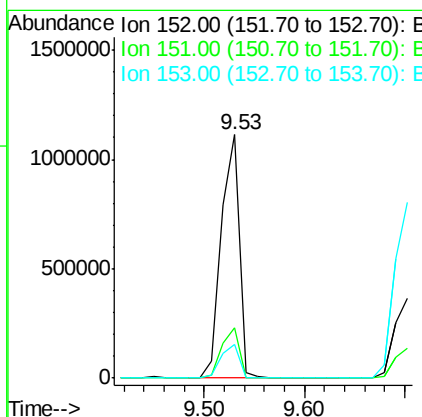
Manual Integrations
 APPROVED

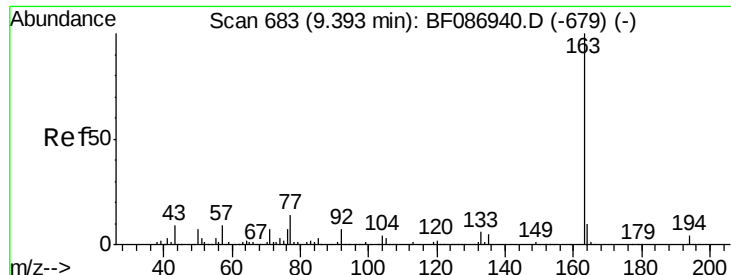
sohil
 5/13/2016 8:03:31 PM



#48
 Acenaphthylene
 Concen: 43.04 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.7	10.9	16.3





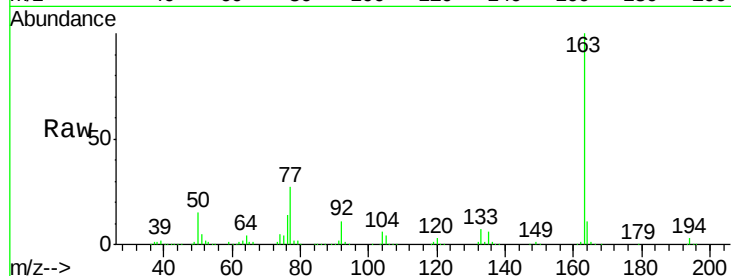
#49
Dimethylphthalate
Concen: 37.81 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

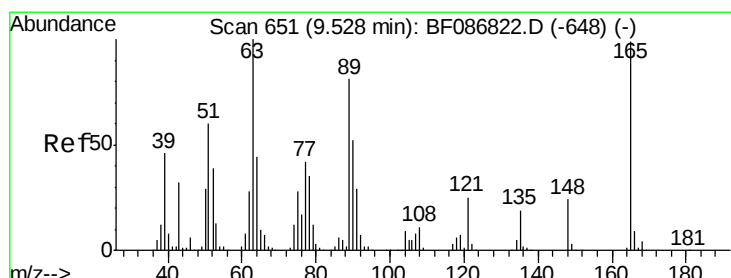
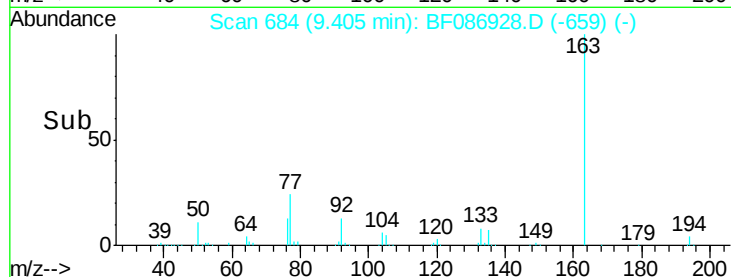
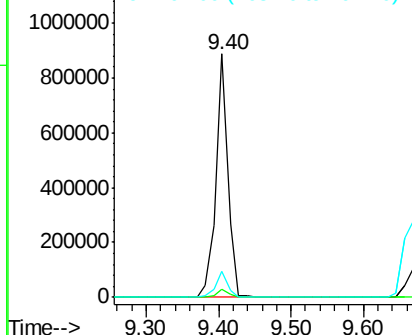
Tgt Ion:163 Resp: 1016926
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 8.2 12.4

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM

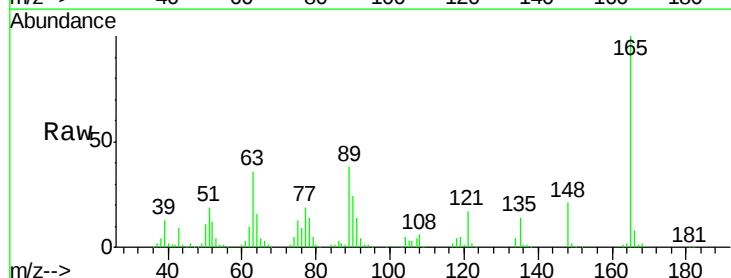


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

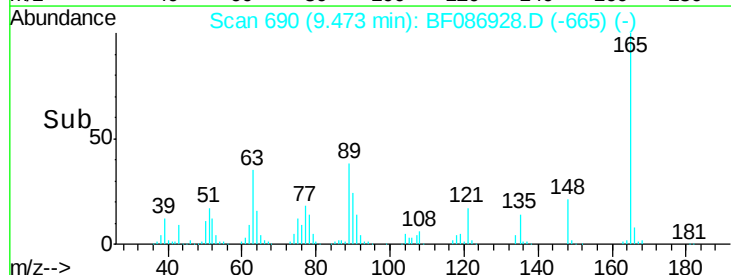
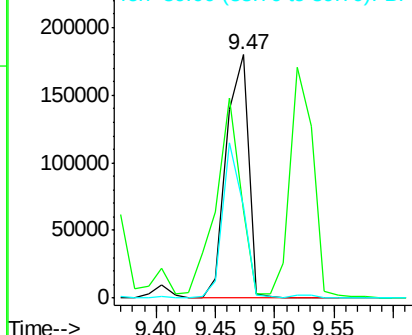


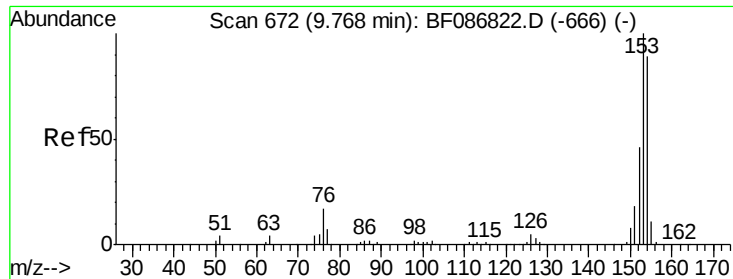
#50
2,6-Dinitrotoluene
Concen: 41.16 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion:165 Resp: 232994
Ion Ratio Lower Upper
165 100
63 35.8 51.8 77.8#
89 37.6 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.10 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF086928.D

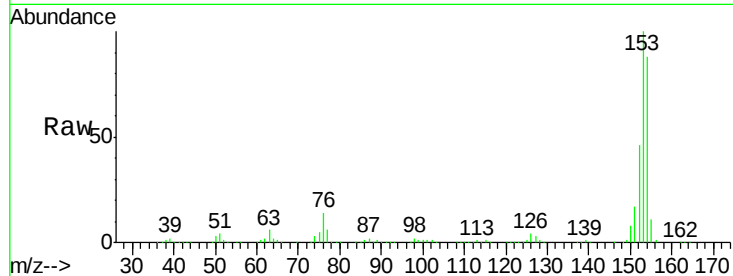
Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

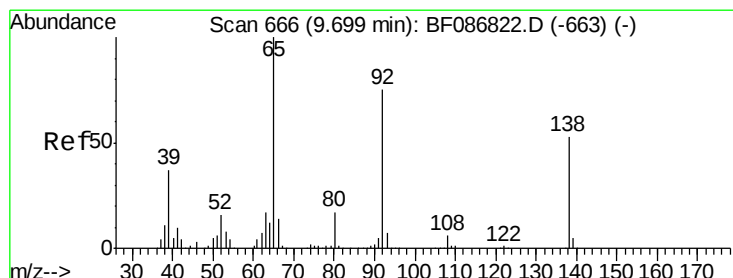
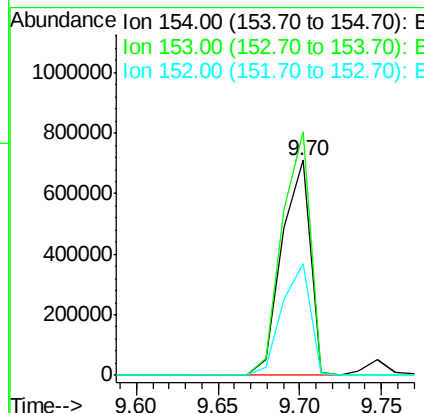
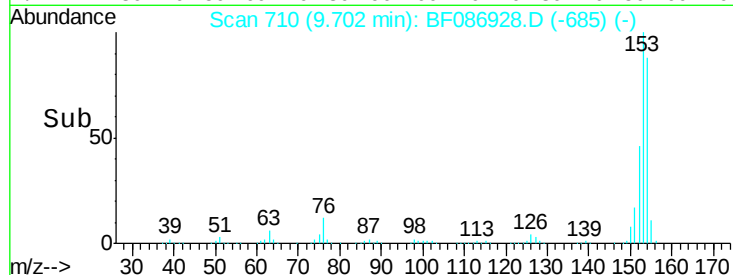
SSTDCCC040



Tgt Ion:	154	Resp:	866540
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.6
152	51.6	43.4	65.0

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#52

3-Nitroaniline

Concen: 41.40 ng

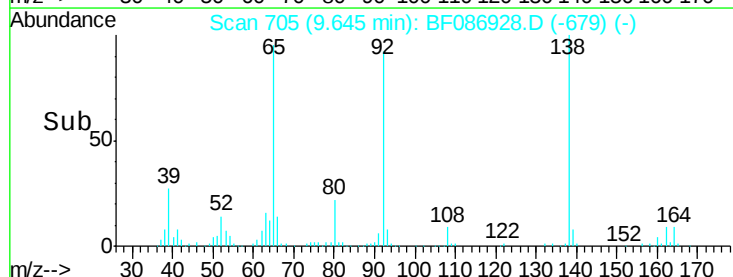
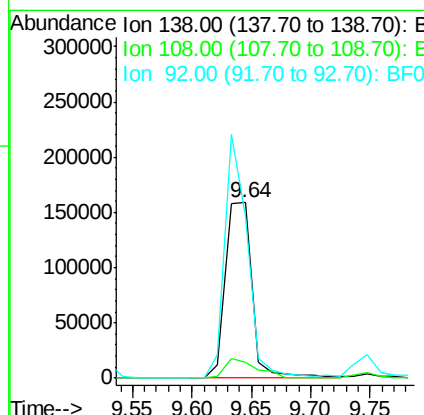
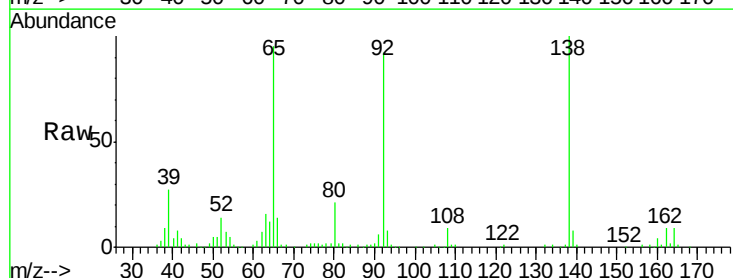
RT: 9.64 min Scan# 705

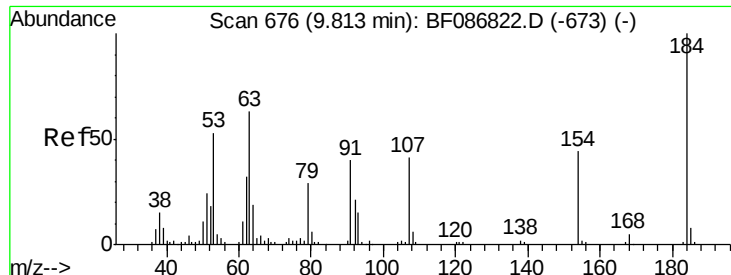
Delta R.T. -0.00 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	138	Resp:	246726
Ion Ratio	Lower	Upper	
138	100		
108	8.9	7.8	11.6
92	91.9	87.8	131.8





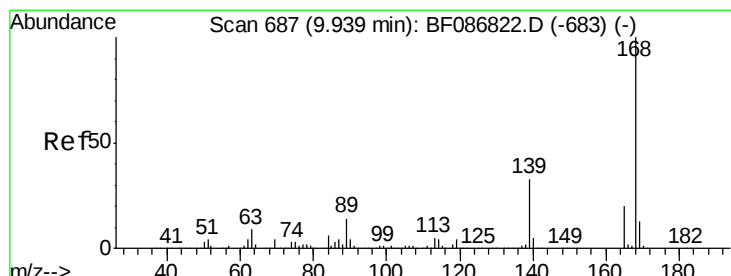
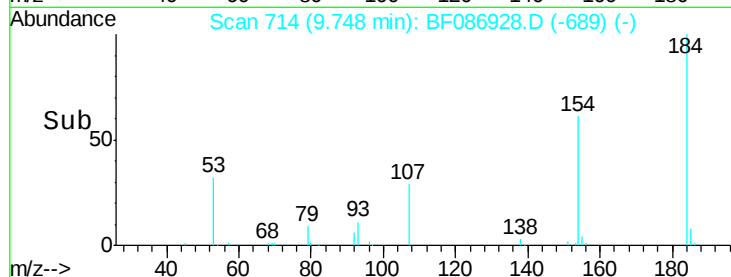
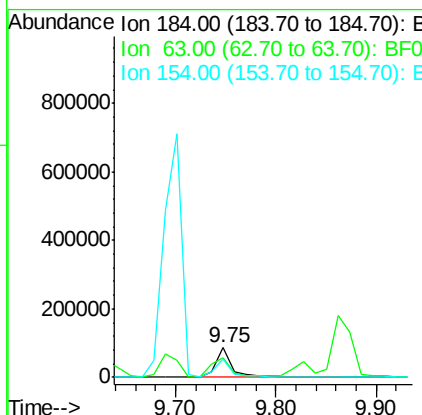
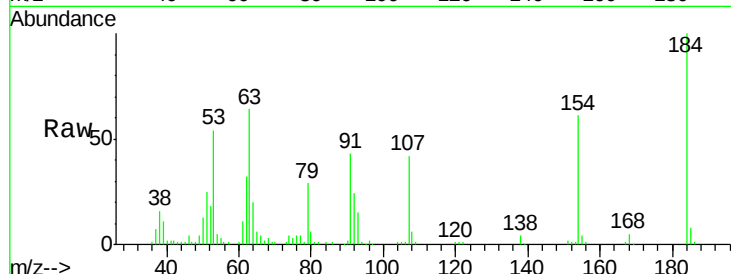
#53
2,4-Dinitrophenol
Concen: 38.98 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	100155		
63	64.5	55.8	83.8	
154	61.5	62.4	93.6	

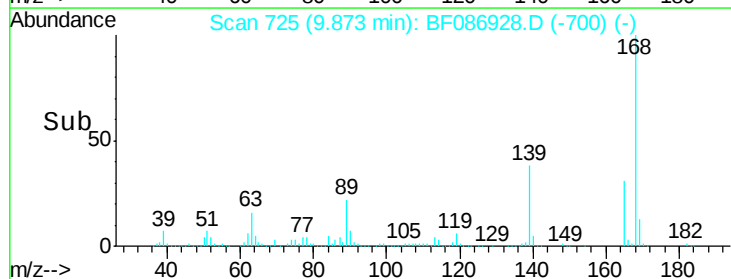
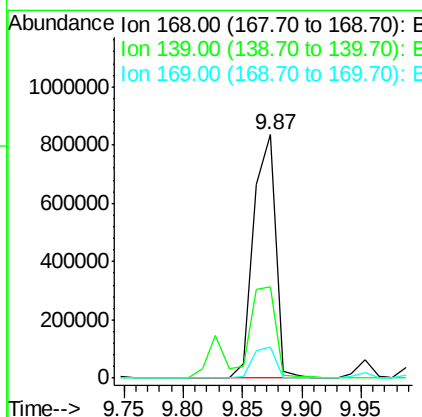
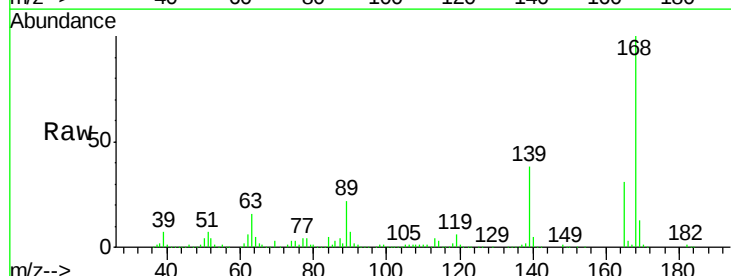
Manual Integrations
APPROVED

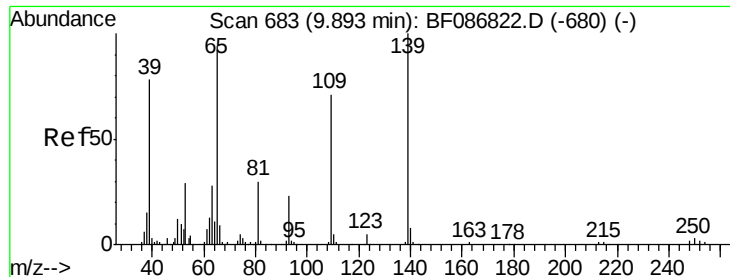
sohil
5/13/2016 8:03:31 PM



#54
Dibenzofuran
Concen: 42.21 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1089287		
139	37.7	31.4	47.0	
169	13.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 38.42 ng m

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

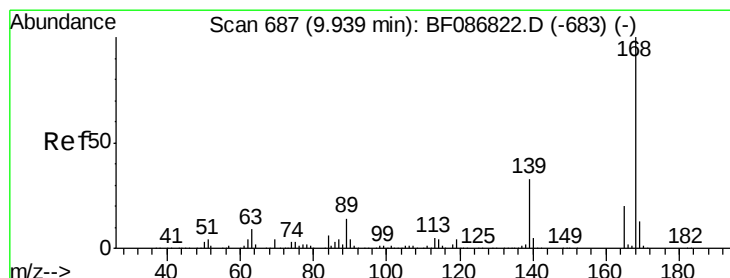
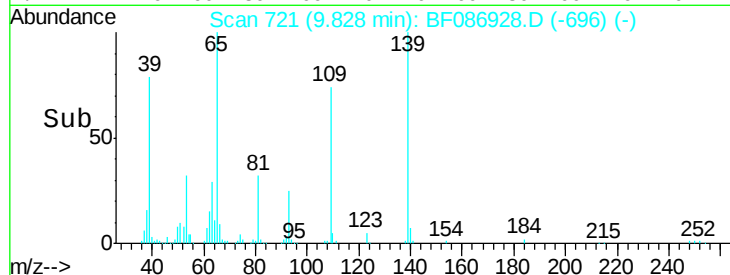
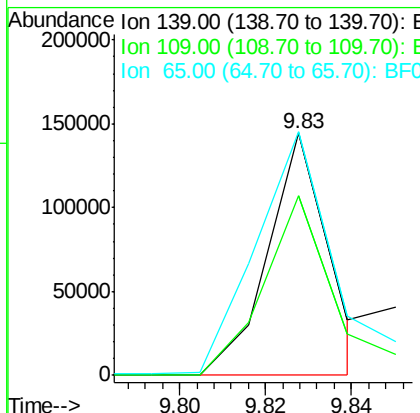
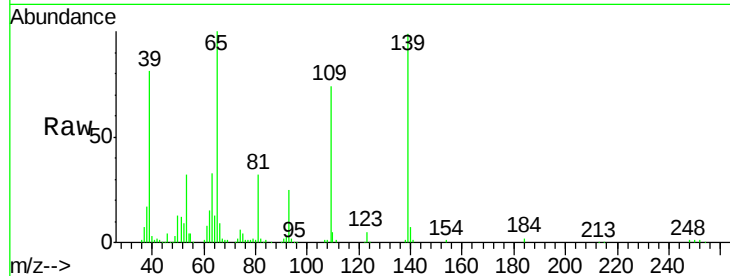
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	142674
Ion Ratio	Lower	Upper	
139	100		
109	74.2	36.9	76.9
65	100.5	64.0	104.0

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#56

2,4-Dinitrotoluene

Concen: 42.42 ng

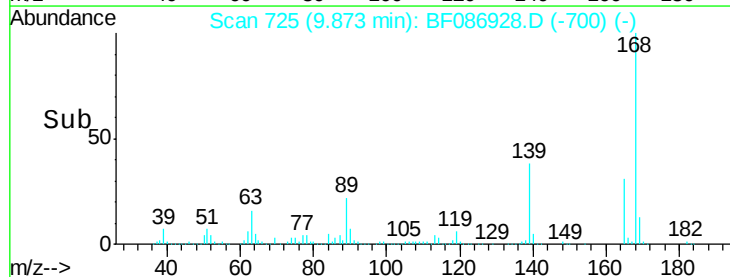
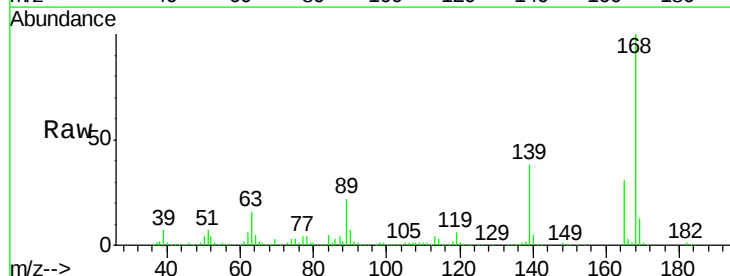
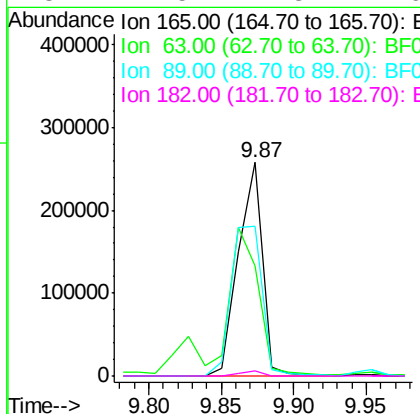
RT: 9.87 min Scan# 725

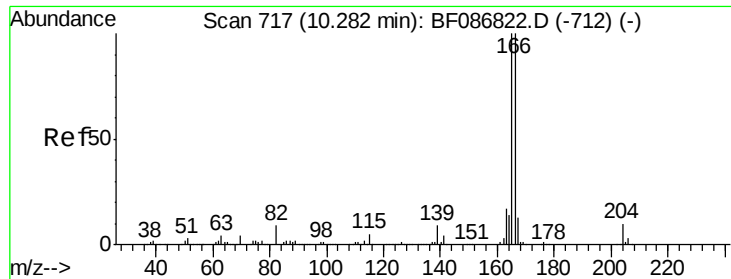
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	165	Resp:	297187
Ion Ratio	Lower	Upper	
165	100		
63	51.7	44.3	66.5
89	70.0	70.0	105.0#
182	2.5	1.8	2.6





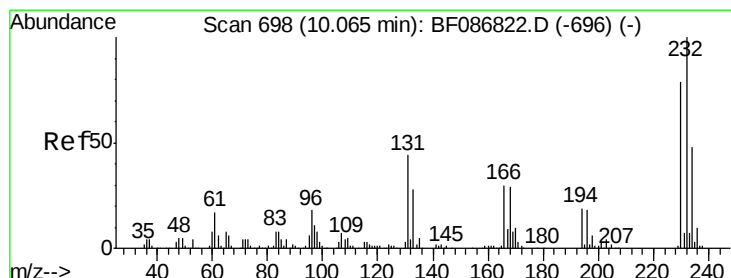
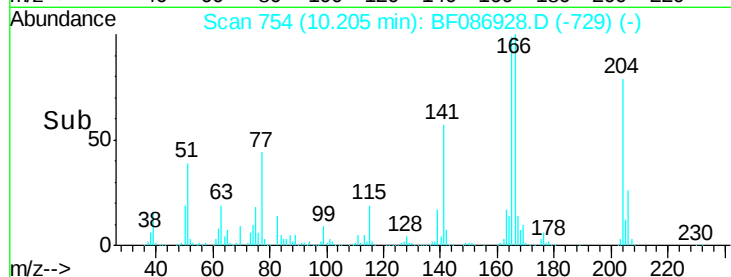
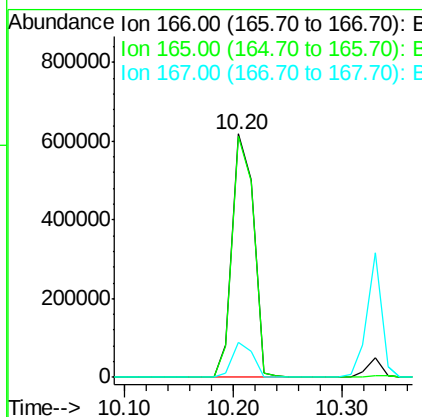
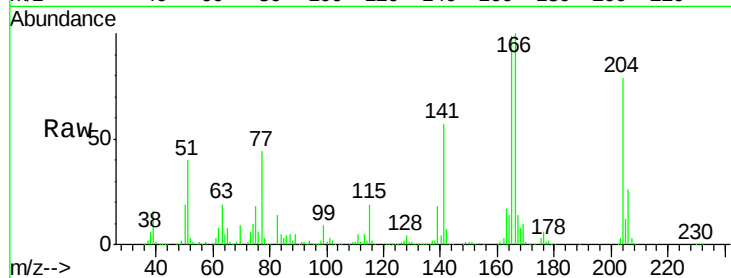
#57
Fluorene
 Concen: 38.25 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	841924		
165	99.2	79.0	118.6	
167	14.2	10.6	15.8	

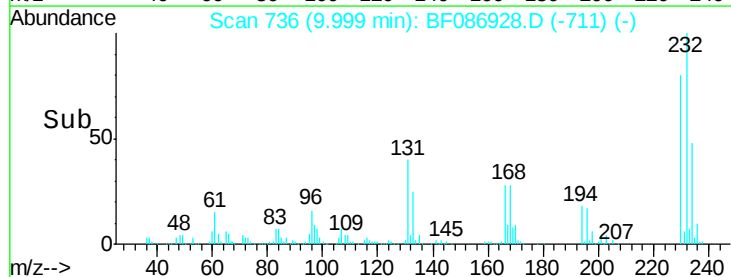
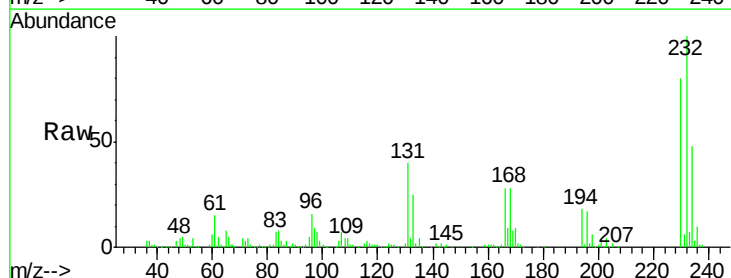
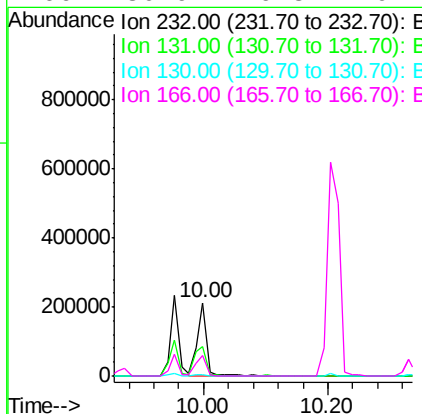
Manual Integrations
 APPROVED

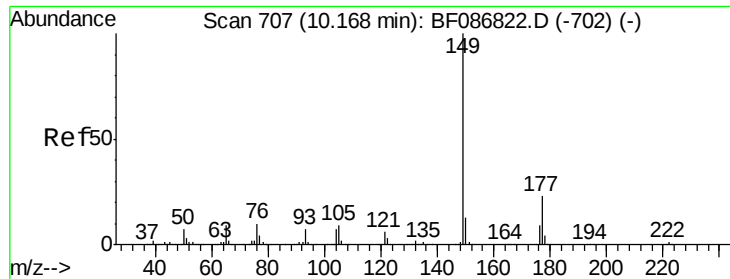
sohil
 5/13/2016 8:03:31 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.60 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	227364		
131	49.8	41.9	62.9	
130	2.4	2.2	3.4	
166	30.9	26.8	40.2	





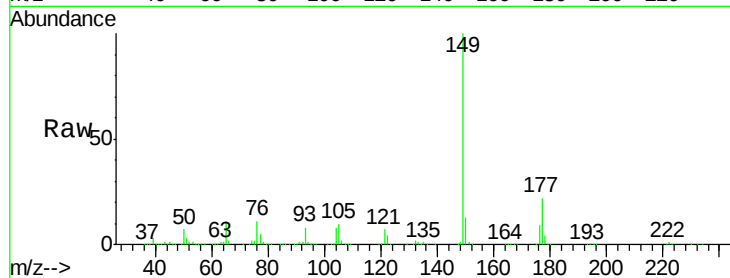
#59
Diethylphthalate
Concen: 41.11 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

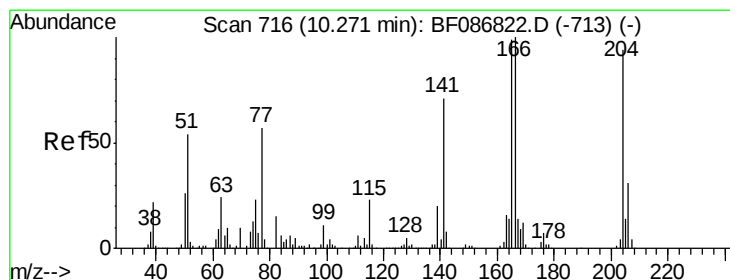
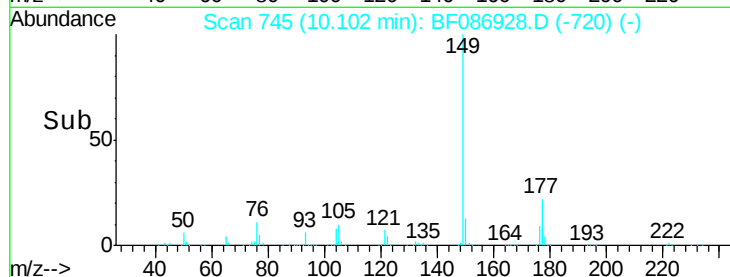
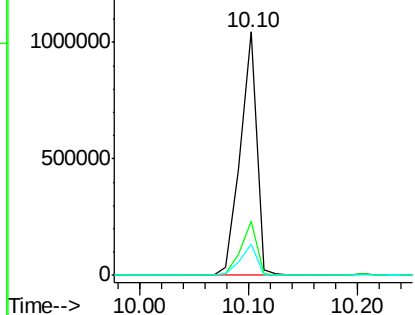
Tgt Ion:149 Resp: 1077618
Ion Ratio Lower Upper
149 100
177 22.3 16.6 24.8
150 12.7 10.0 15.0

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM

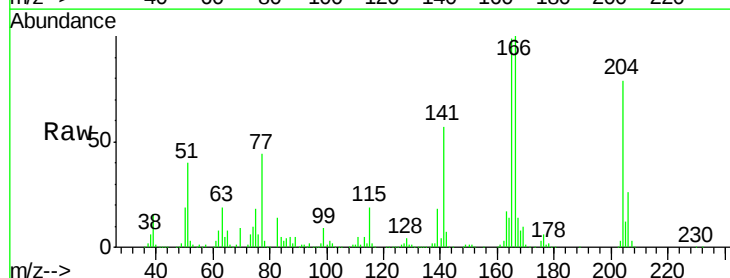


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

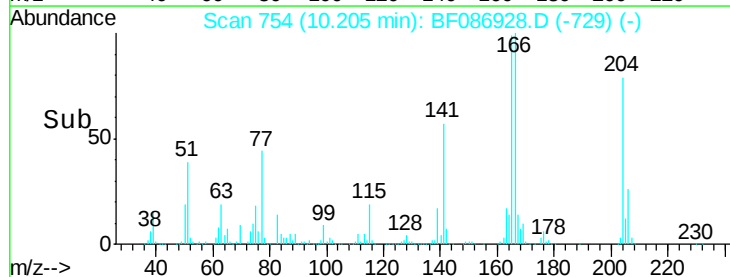
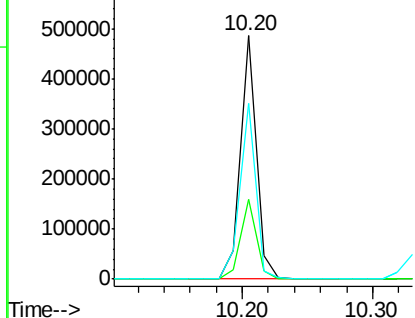


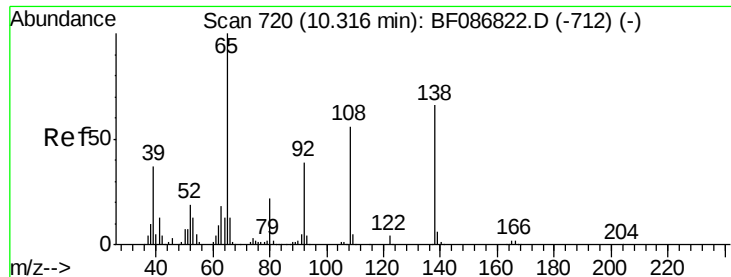
#60
4-Chlorophenyl-phenylether
Concen: 41.79 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion:204 Resp: 407299
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 72.1 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.11 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF086928.D

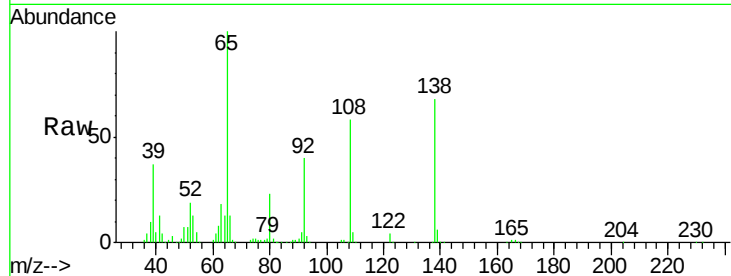
Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 138 Resp: 252507

Ion Ratio Lower Upper

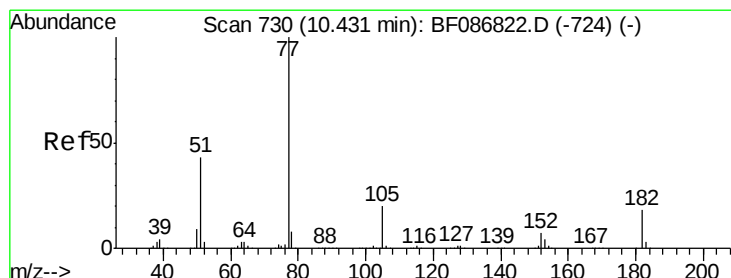
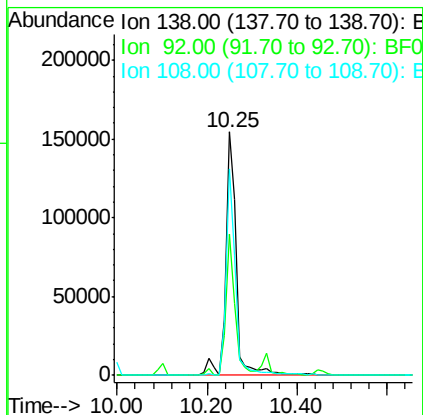
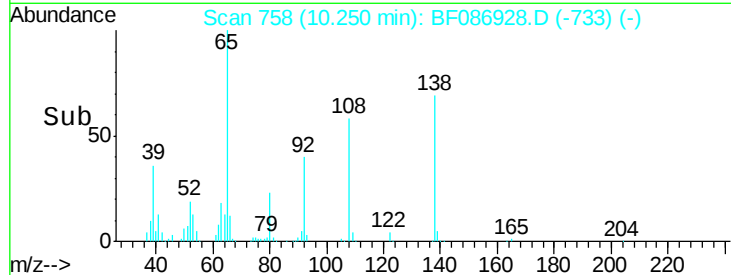
138 100

92 58.1 24.7 64.7

108 84.7 37.4 77.4#

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#62

Azobenzene

Concen: 41.59 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion: 77 Resp: 1176176

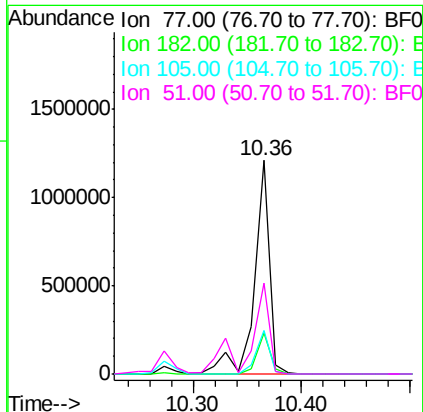
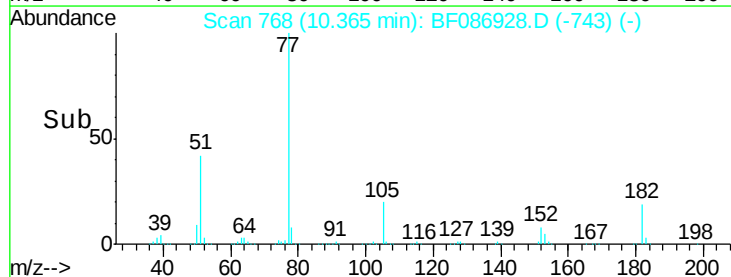
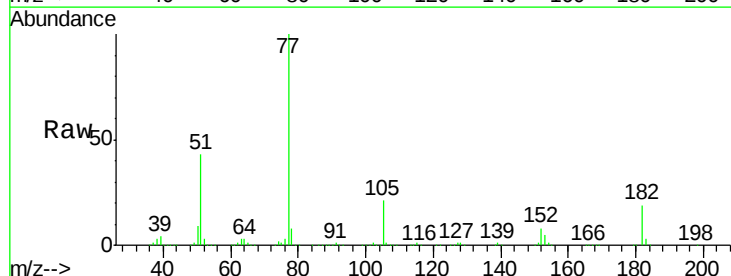
Ion Ratio Lower Upper

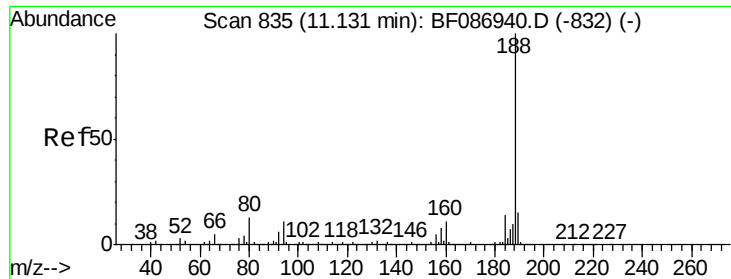
77 100

182 19.4 0.0 38.8

105 20.6 3.2 43.2

51 42.5 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

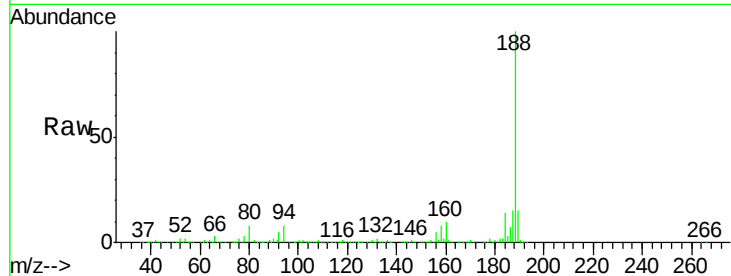
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	662779
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.8	10.2
80	8.4	7.1	10.7

Manual Integrations
APPROVED

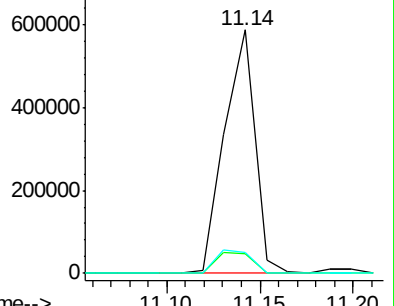
sohil
5/13/2016 8:03:31 PM



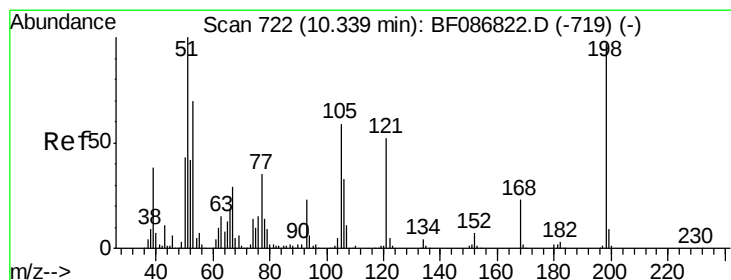
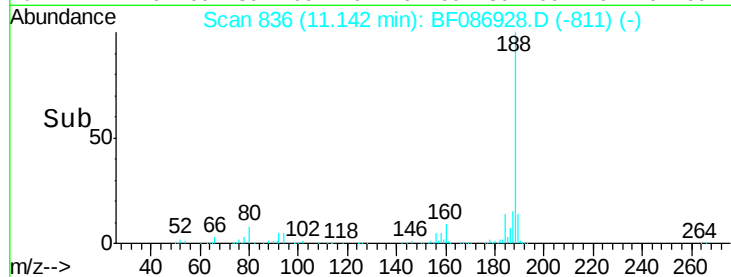
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 38.31 ng

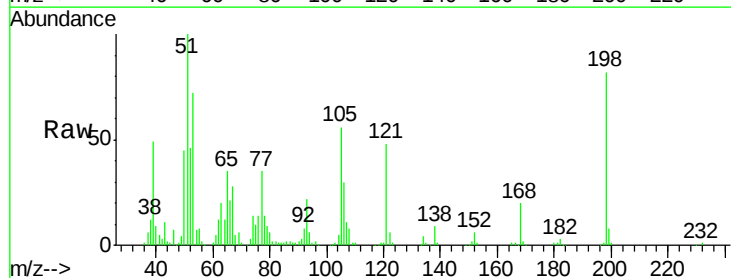
RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

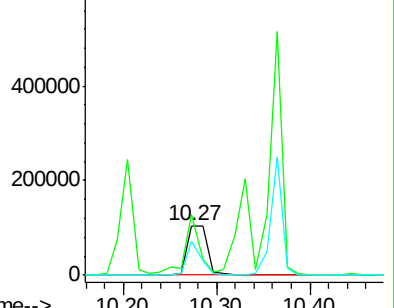
Tgt Ion:	198	Resp:	157745
Ion Ratio	Lower	Upper	
198	100		
51	122.1	20.5	60.5#
105	68.0	24.5	64.5#



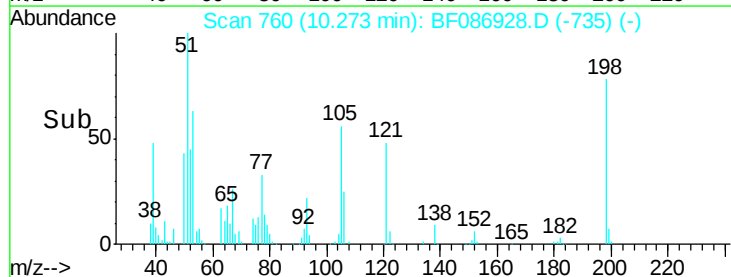
Abundance Ion 198.00 (197.70 to 198.70): E

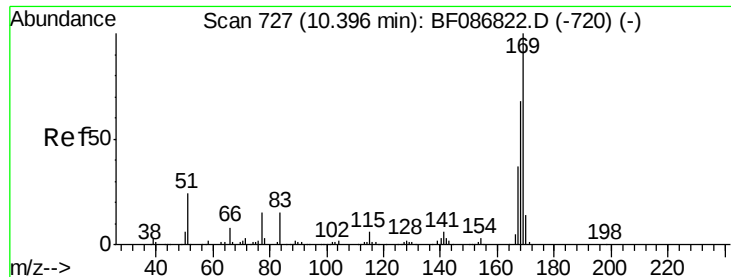
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 39.01 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

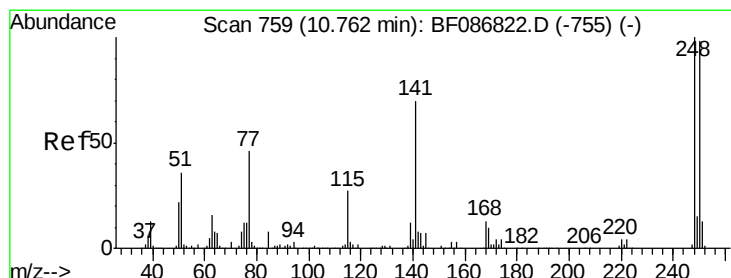
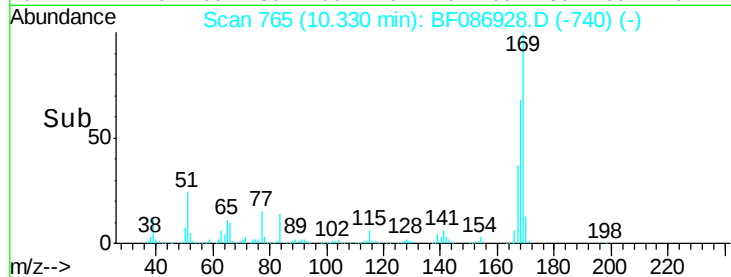
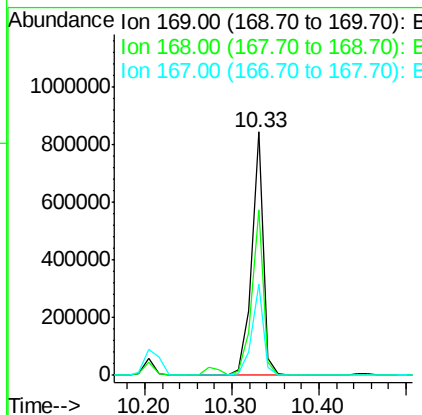
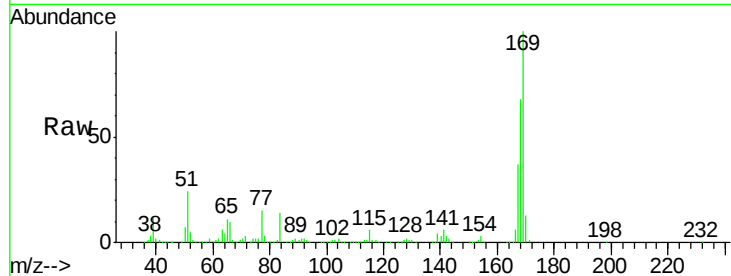
ClientSampleId :

SSTDCCC040

Tgt Ion:	169	Resp:	794287
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.6
167	37.4	29.5	44.3

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#66

4-Bromophenyl-phenylether

Concen: 41.08 ng

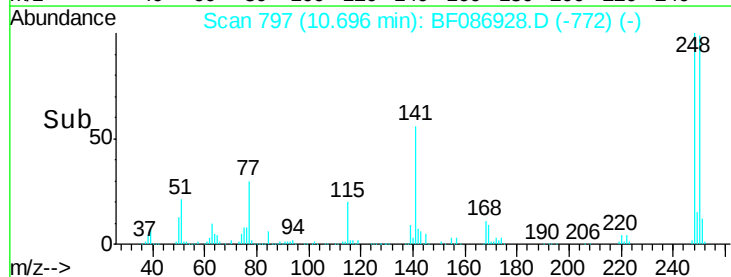
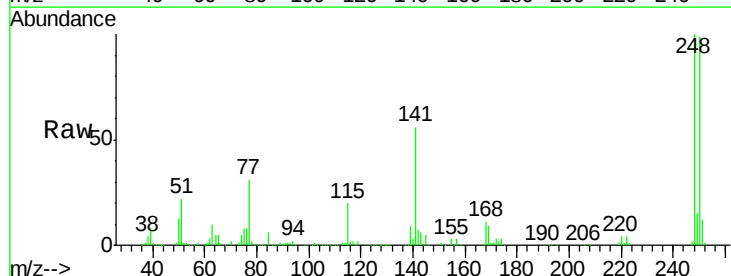
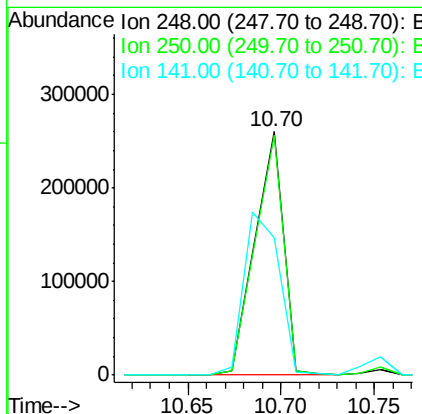
RT: 10.70 min Scan# 797

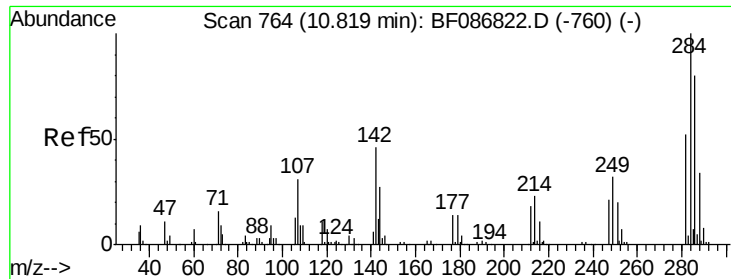
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	248	Resp:	276066
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.6	117.8
141	56.3	76.0	114.0#





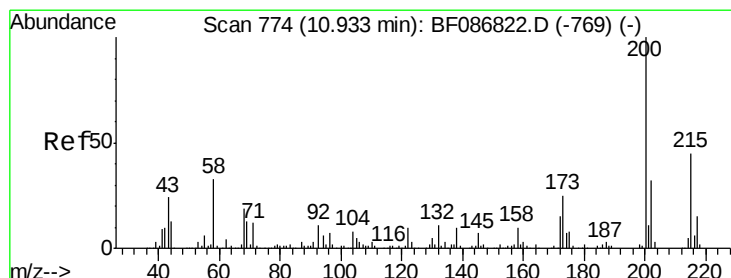
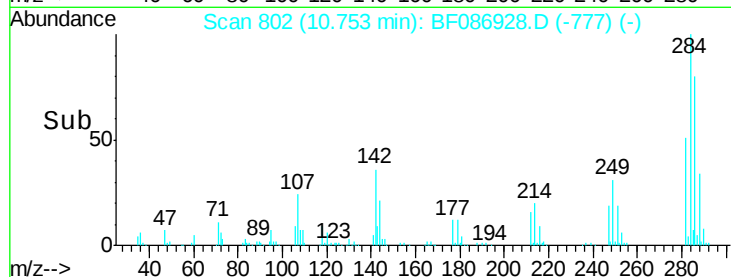
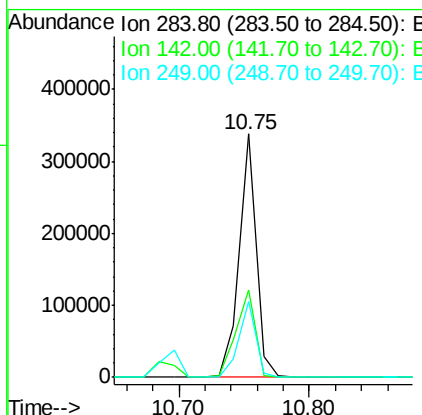
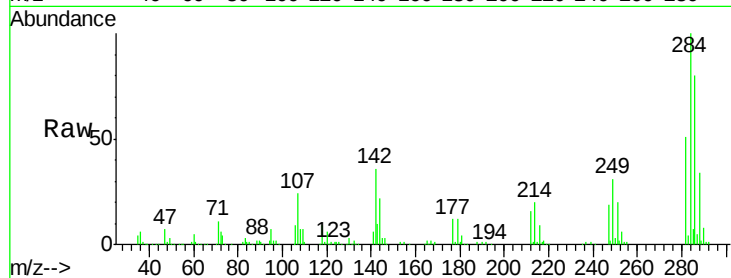
#67
Hexachlorobenzene
Concen: 38.69 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	303831		
142	36.1	16.7	25.1#	
249	30.9	21.3	31.9	

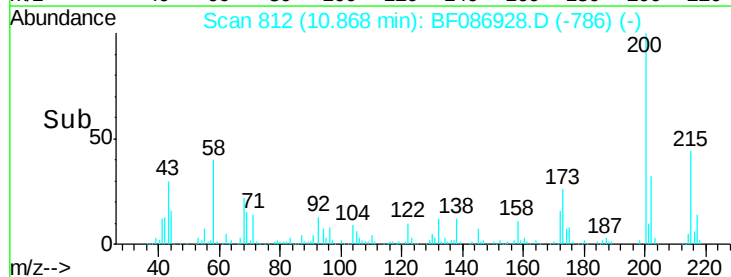
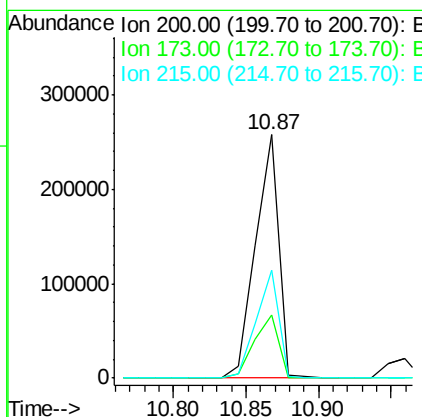
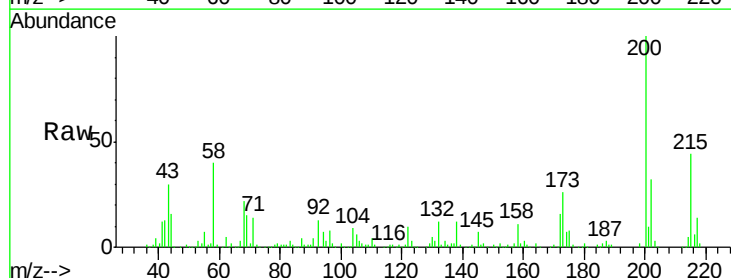
Manual Integrations
APPROVED

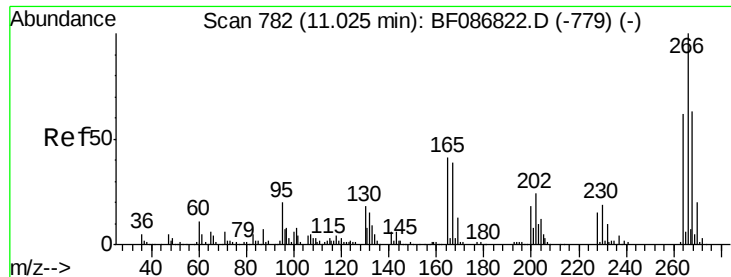
sohil
5/13/2016 8:03:31 PM



#68
Atrazine
Concen: 42.03 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	285902		
173	25.8	8.5	48.5	
215	44.4	27.2	67.2	





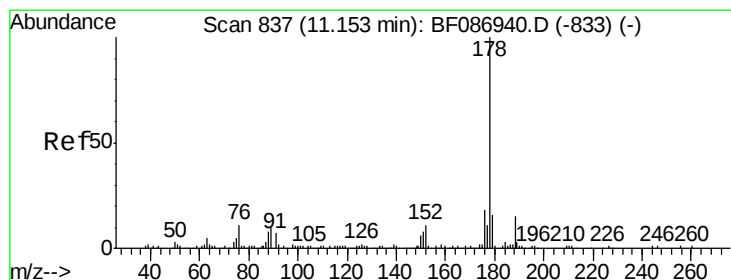
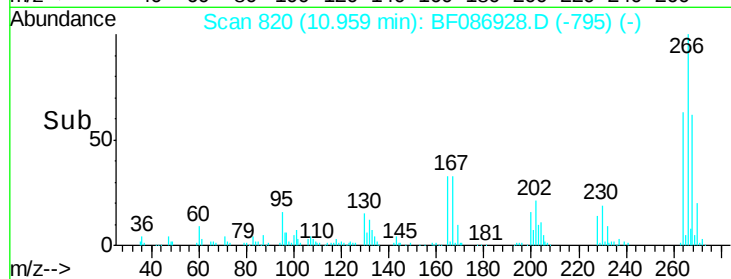
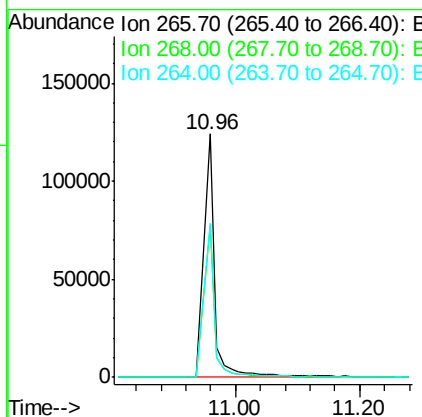
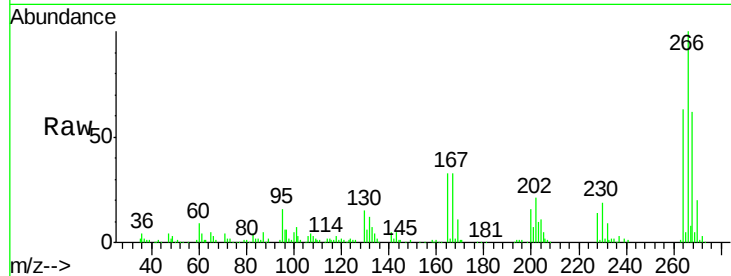
#69
 Pentachlorophenol
 Concen: 42.22 ng
 RT: 10.96 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	153232		
268	62.2	51.5	77.3	
264	63.2	52.9	79.3	

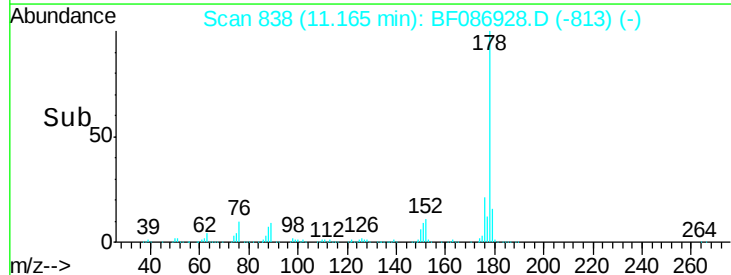
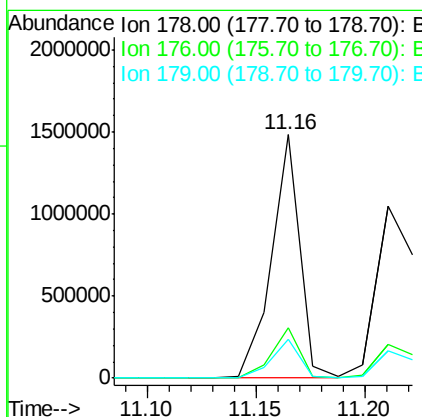
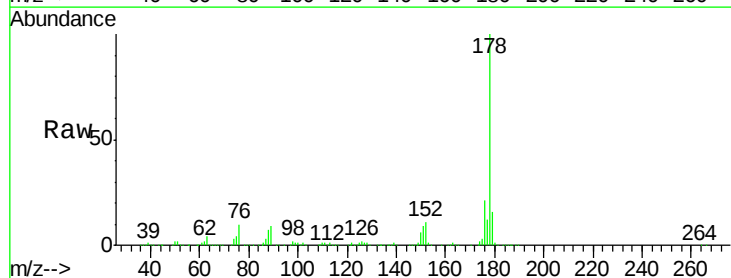
Manual Integrations
 APPROVED

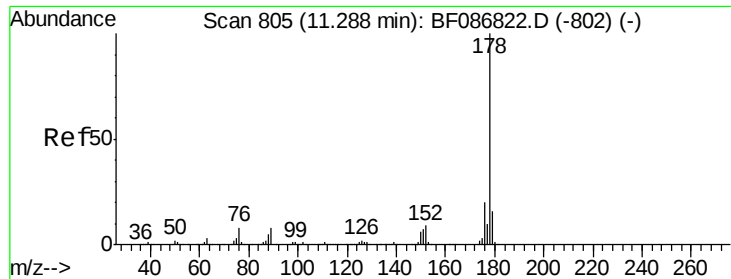
sohil
 5/13/2016 8:03:31 PM



#70
 Phenanthrene
 Concen: 38.32 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1355363		
176	20.5	16.0	24.0	
179	16.2	12.6	18.8	





#71

Anthracene

Concen: 36.50 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1320339

Ion Ratio Lower Upper

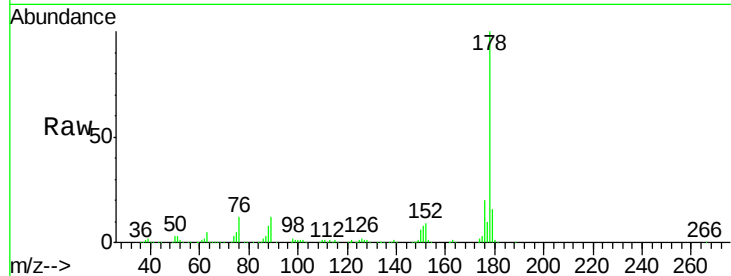
178 100

176 19.6 15.6 23.4

179 16.0 12.7 19.1

Manual Integrations
APPROVED

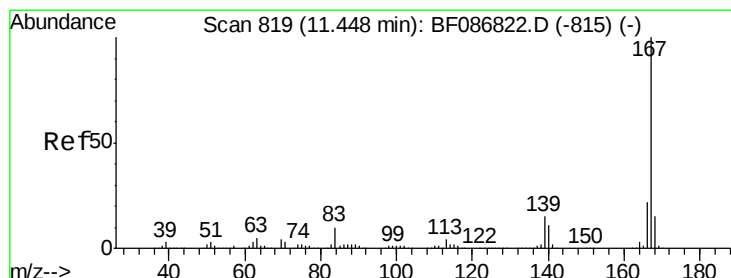
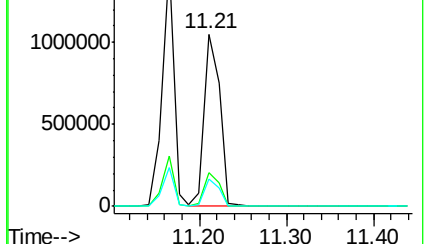
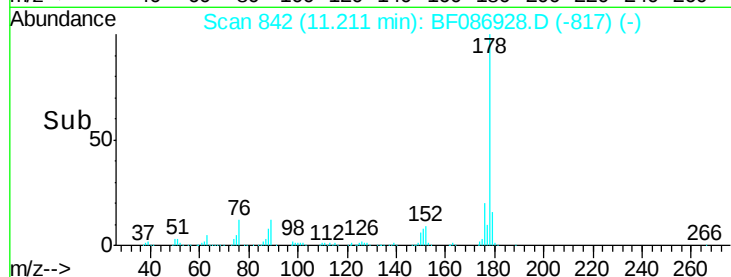
sohil
5/13/2016 8:03:31 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.77 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

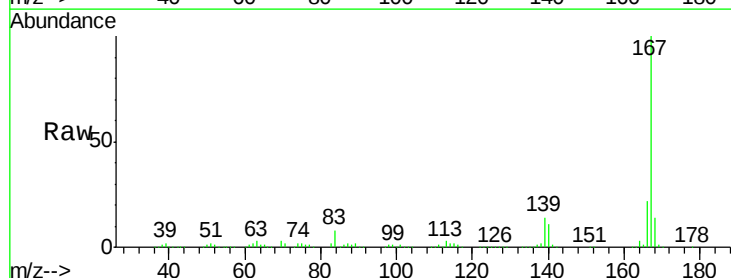
Tgt Ion:167 Resp: 1298879

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

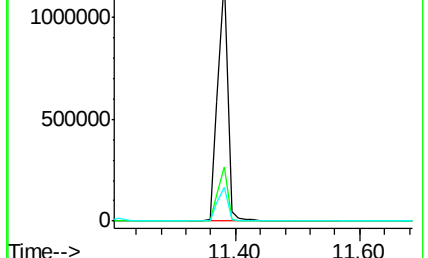
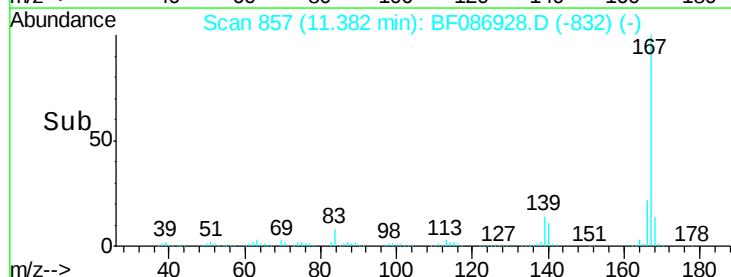
139 13.6 10.8 16.2

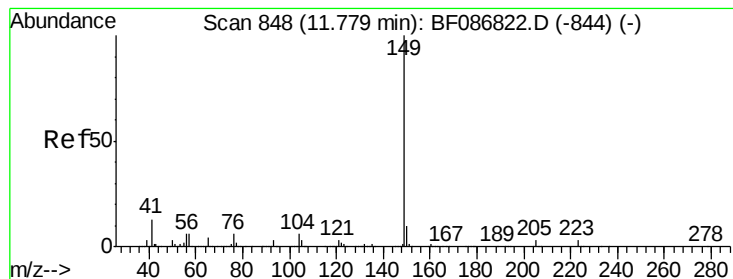


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.90 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

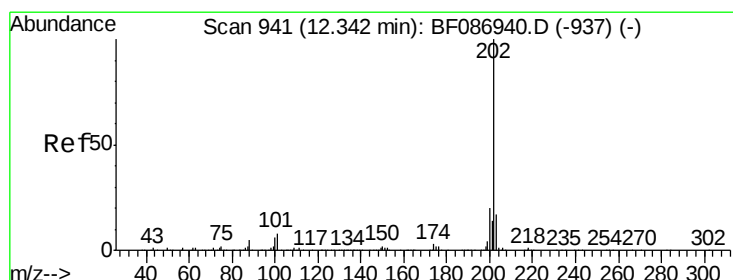
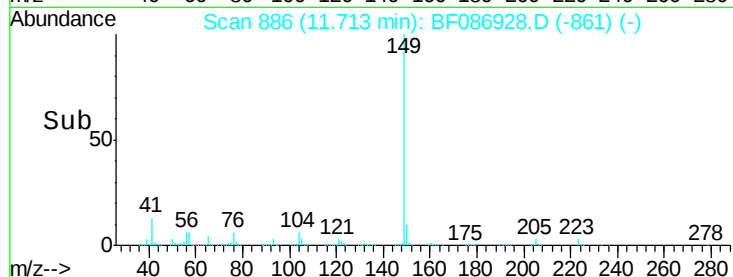
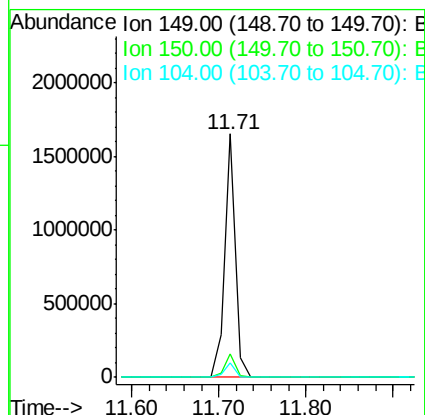
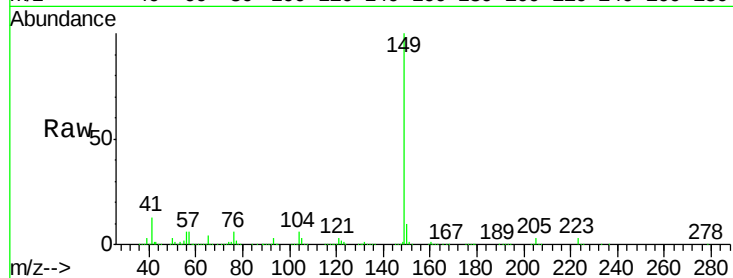
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1439179
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.6	11.4
104	6.1	3.8	5.6#

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#74

Fluoranthene

Concen: 34.42 ng

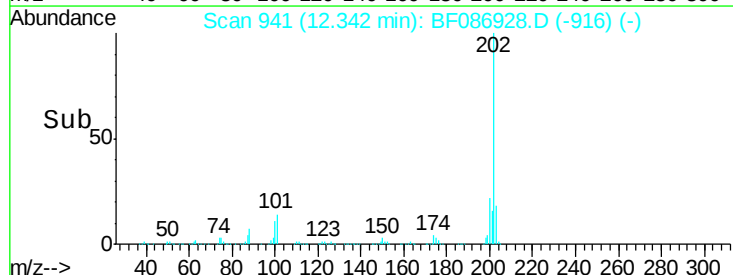
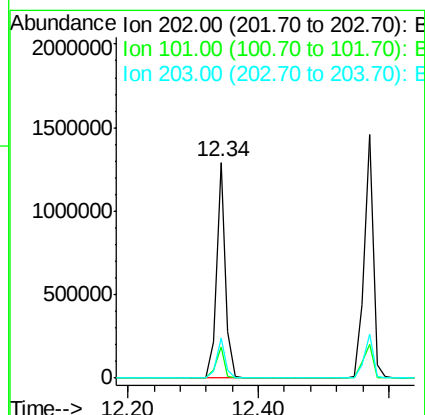
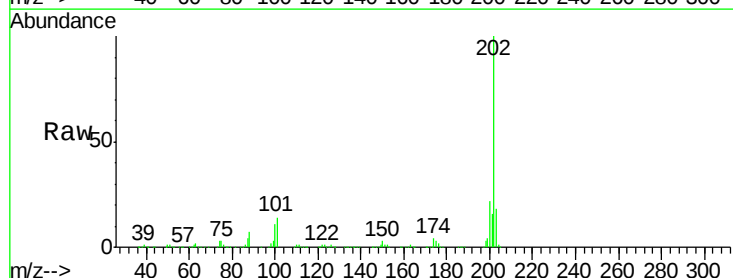
RT: 12.34 min Scan# 941

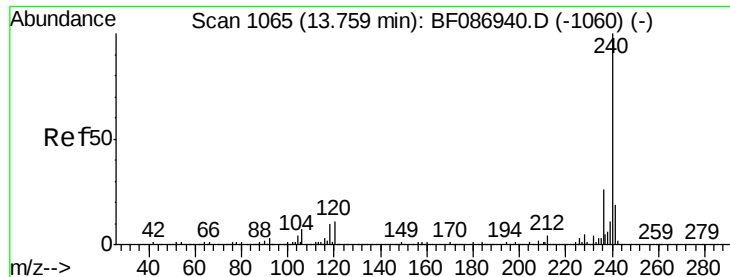
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	202	Resp:	1252218
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	35.4
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

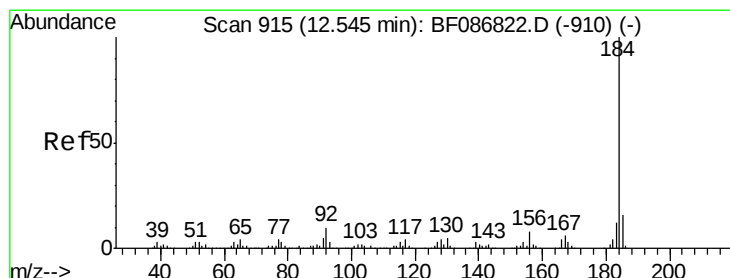
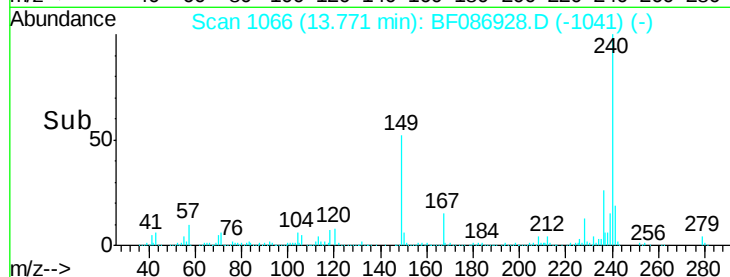
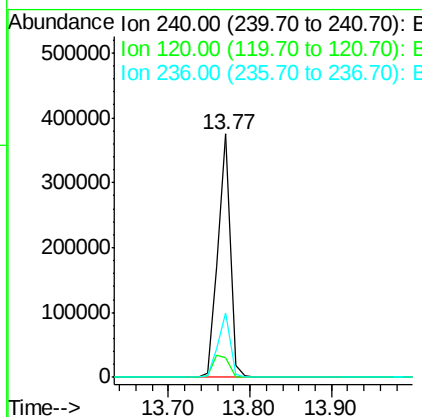
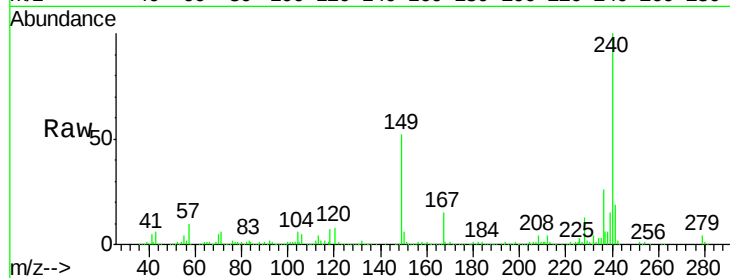
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	394681
Ion Ratio	Lower	Upper	
240	100		
120	8.0	11.2	16.8#
236	26.2	21.2	31.8

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#76

Benzidine

Concen: 51.41 ng

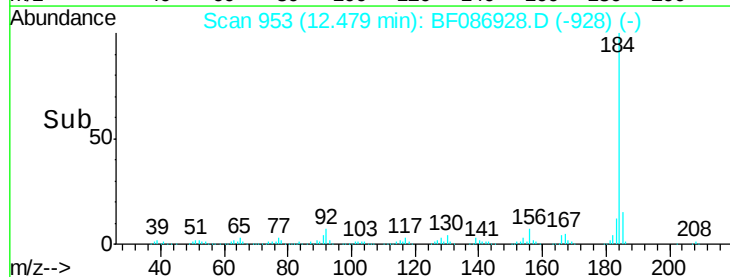
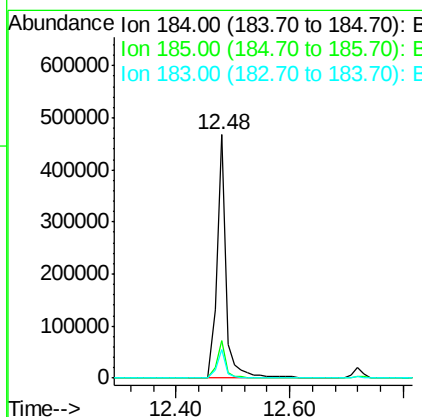
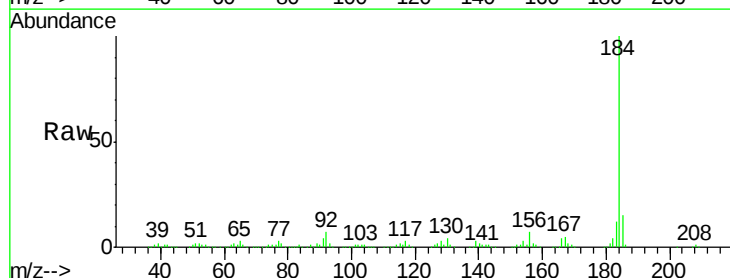
RT: 12.48 min Scan# 953

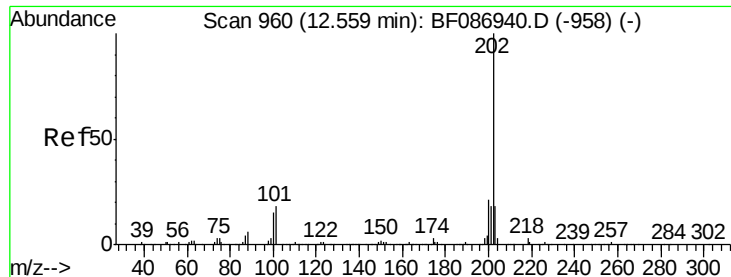
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	184	Resp:	517249
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	11.9	9.8	14.6





#77

Pyrene

Concen: 45.44 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1373038

Ion Ratio Lower Upper

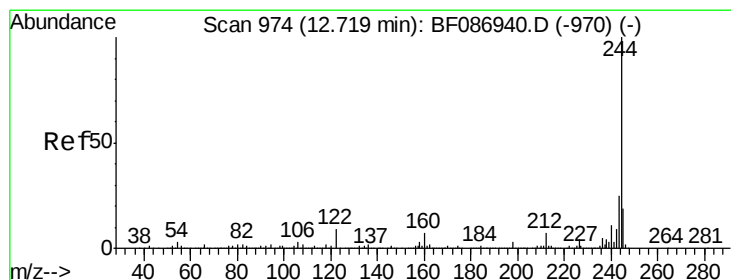
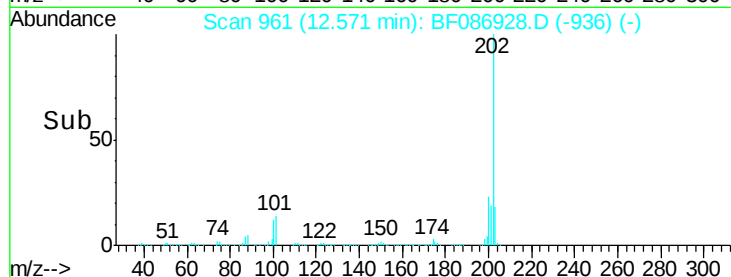
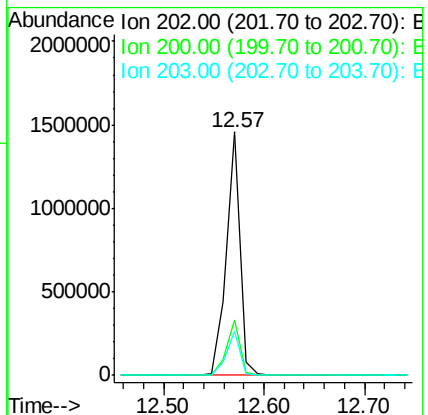
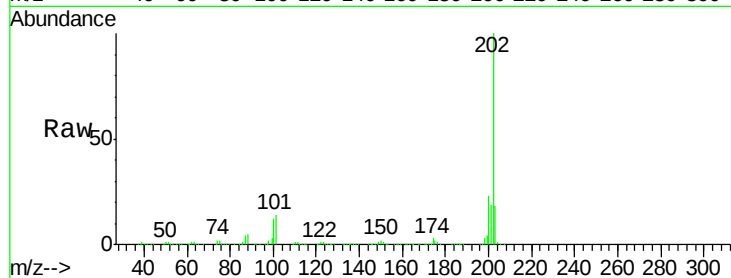
202 100

200 22.5 17.7 26.5

203 18.1 14.2 21.4

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#78

Terphenyl-d14

Concen: 83.81 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

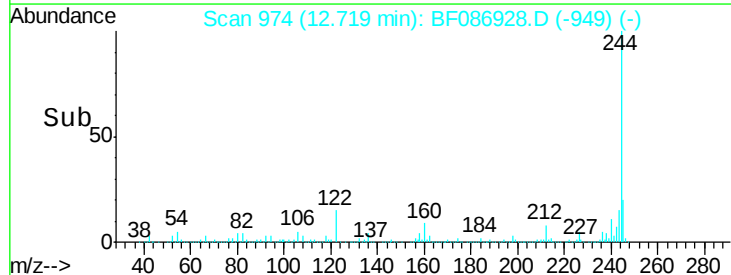
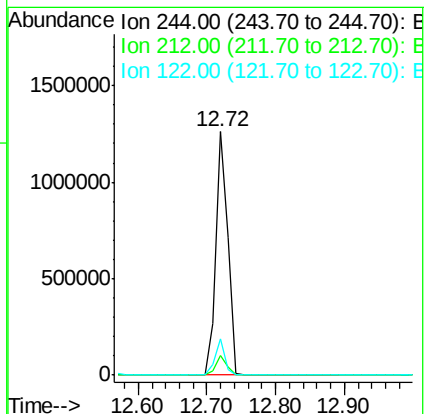
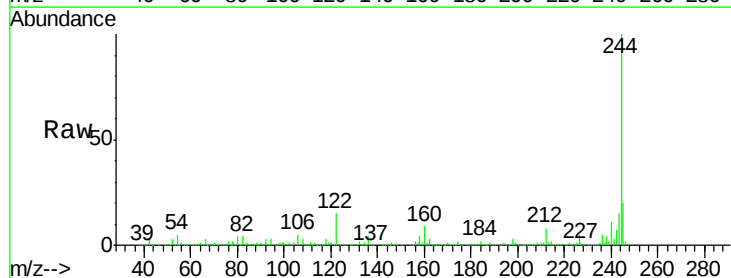
Tgt Ion:244 Resp: 1558974

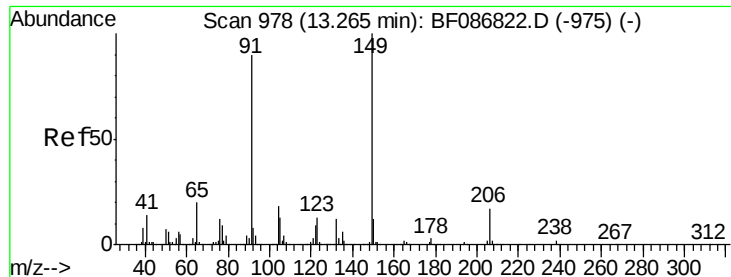
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 14.8 12.0 18.0





#79

Butylbenzylphthalate

Concen: 43.14 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

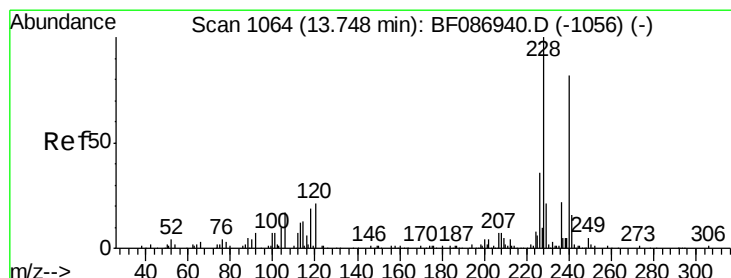
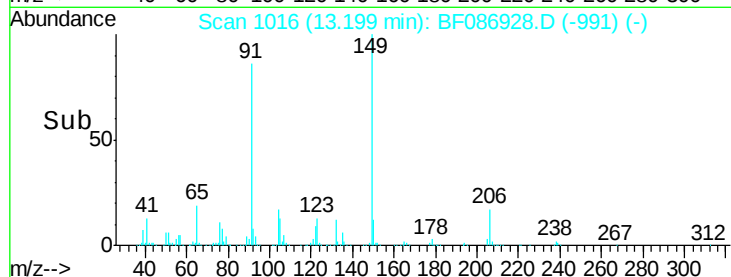
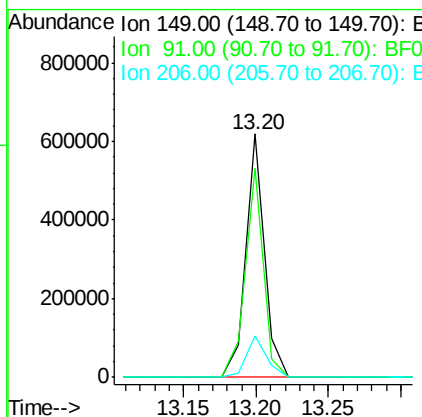
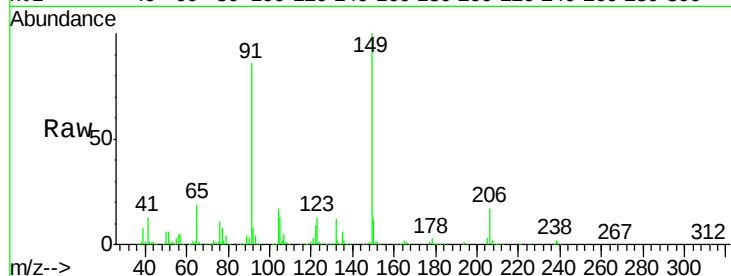
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	551296
Ion Ratio		Lower	Upper
149	100		
91	86.1	48.0	72.0#
206	17.0	15.8	23.6

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#80

Benzo(a)anthracene

Concen: 43.95 ng

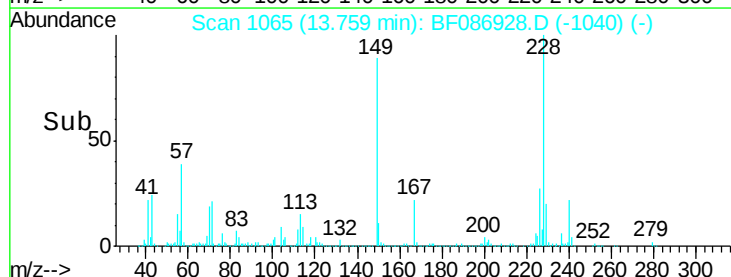
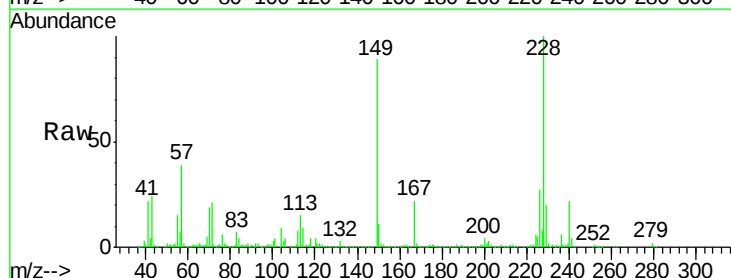
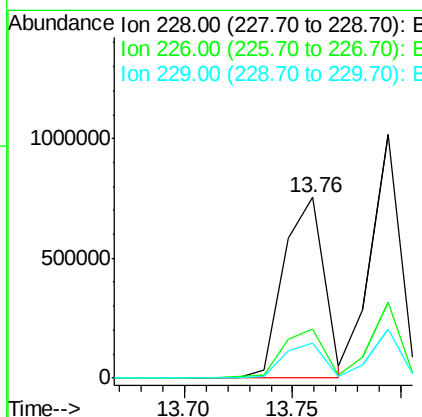
RT: 13.76 min Scan# 1065

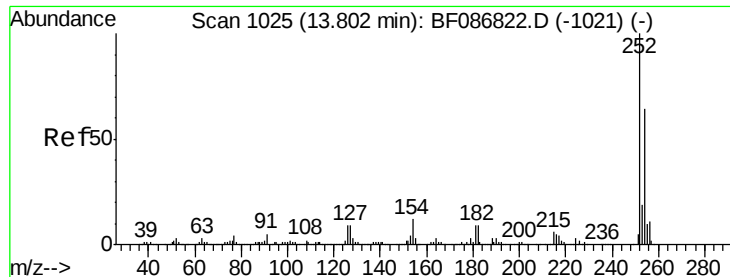
Delta R.T. -0.01 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion:	228	Resp:	973669
Ion Ratio		Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.5	16.6	25.0





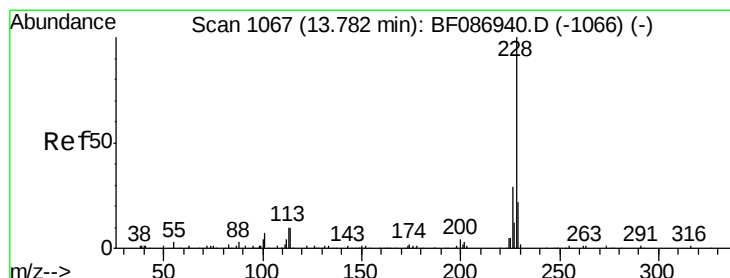
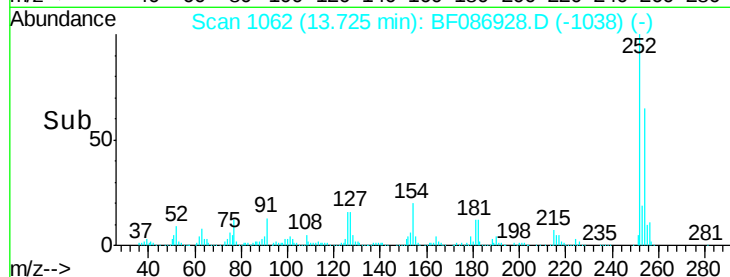
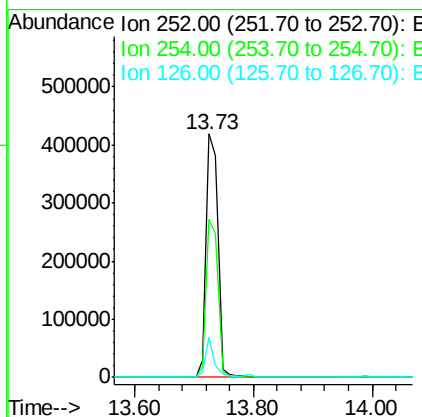
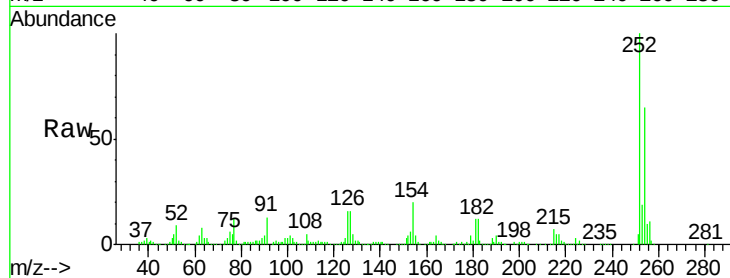
#81
 3,3'-Dichlorobenzidine
 Concen: 42.02 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	591466		
254	64.6	50.7	76.1	
126	16.3	12.7	19.1	

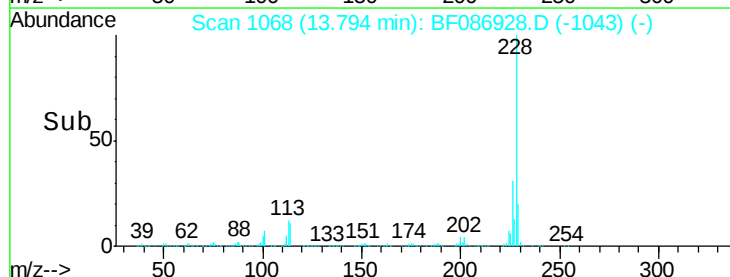
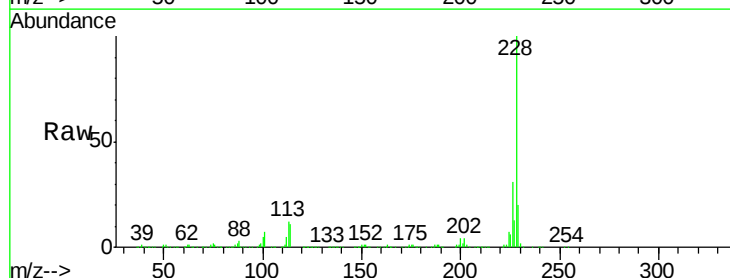
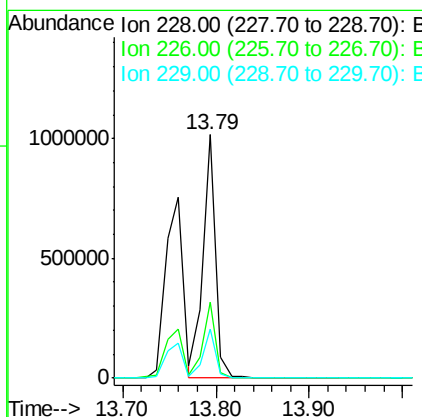
Manual Integrations
 APPROVED

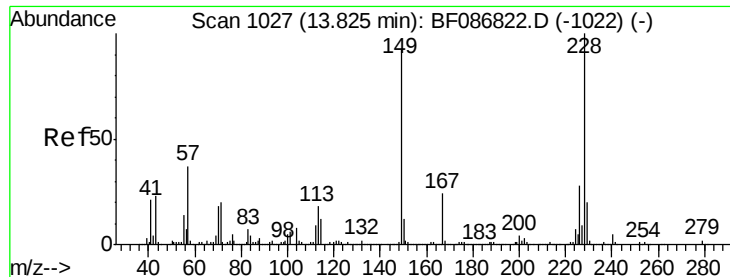
sohil
 5/13/2016 8:03:31 PM



#82
 Chrysene
 Concen: 42.93 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	967458		
226	31.2	24.4	36.6	
229	20.0	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.97 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086928.D

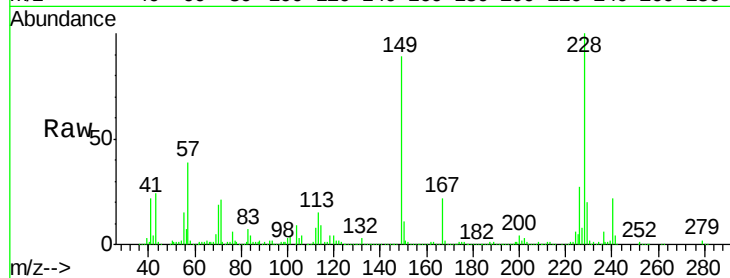
Acq: 12 May 2016 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 645241

Ion Ratio Lower Upper

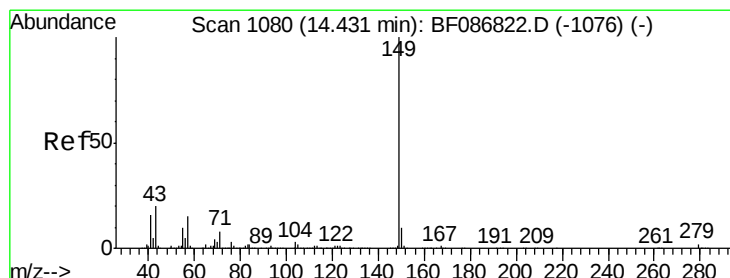
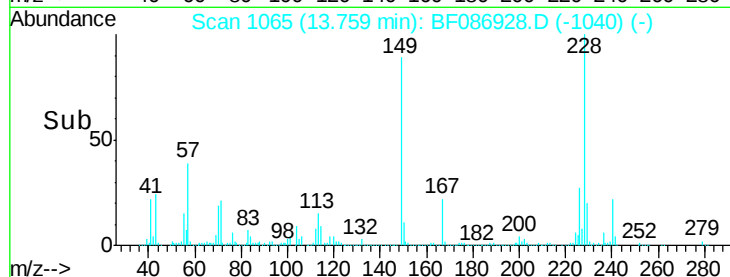
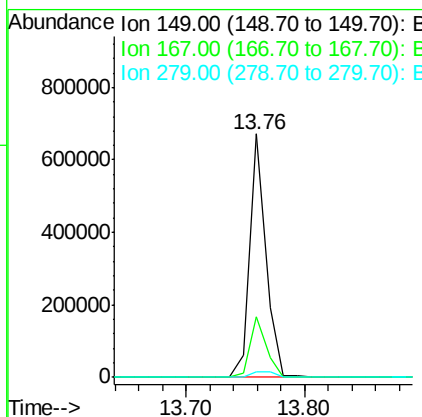
149 100

167 24.9 21.8 32.6

279 2.5 2.6 4.0#

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#84

Di-n-octyl phthalate

Concen: 40.45 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

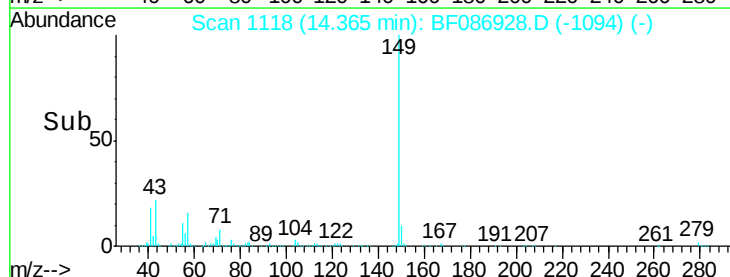
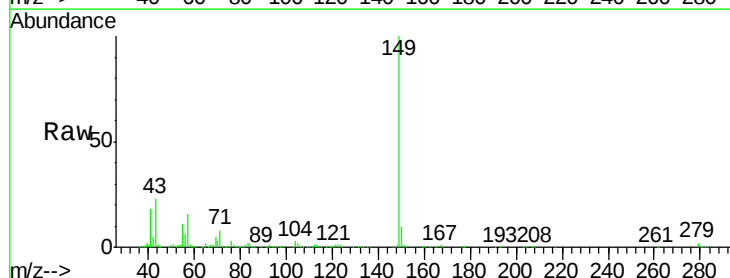
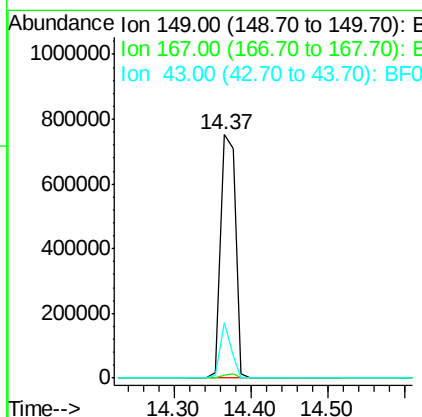
Tgt Ion:149 Resp: 1030244

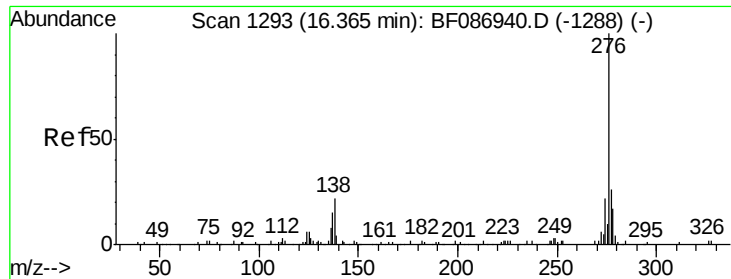
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.7 8.2 12.4#





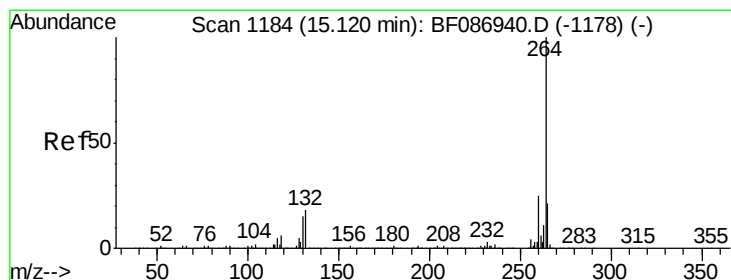
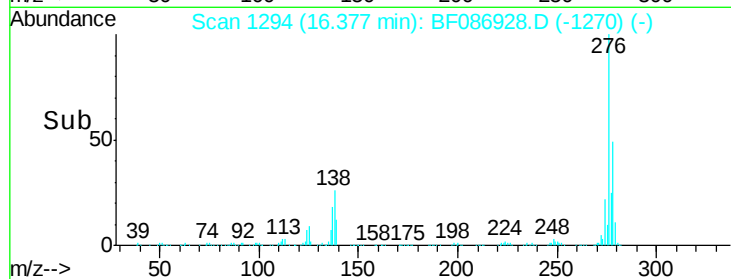
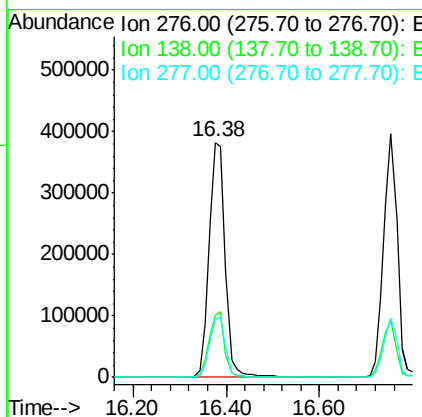
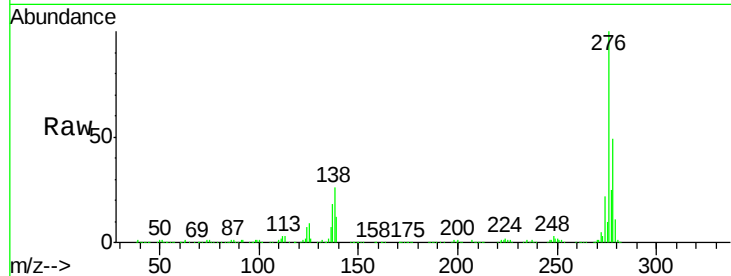
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.70 ng
 RT: 16.38 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.6	38.4
277	25.4	20.5	30.7

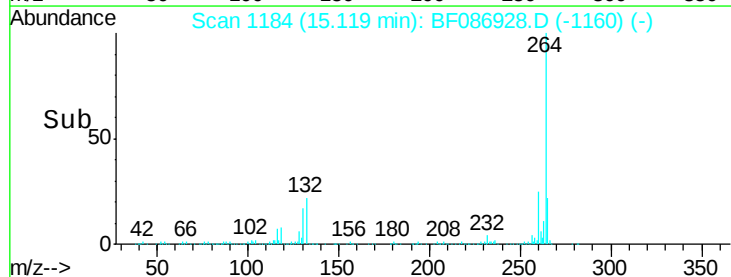
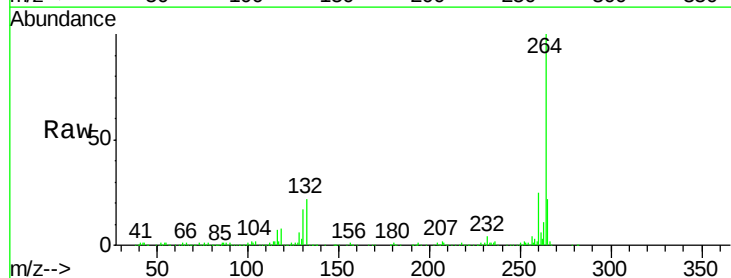
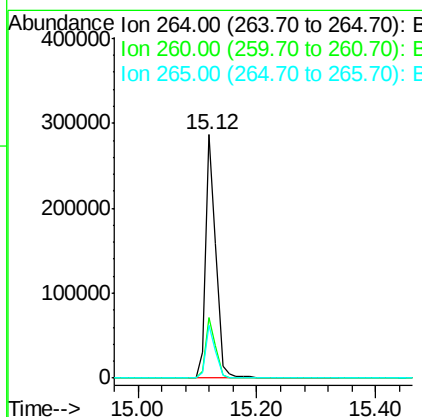
Manual Integrations
 APPROVED

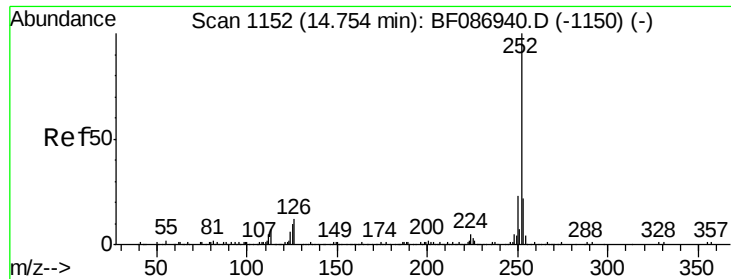
sohil
 5/13/2016 8:03:31 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.06 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Instrument :

BNA_F

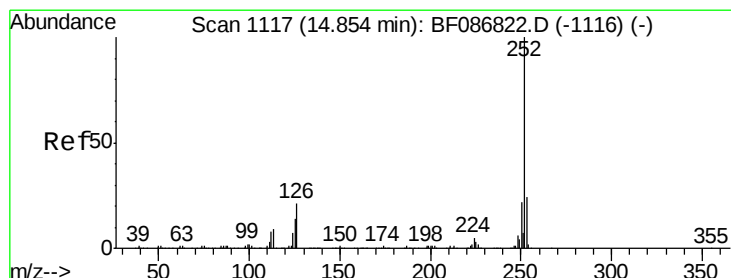
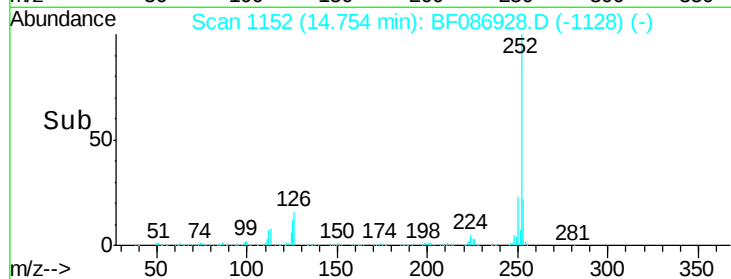
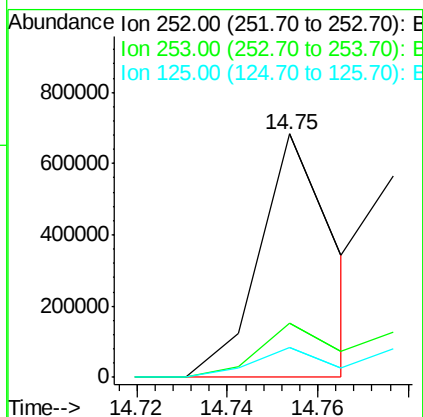
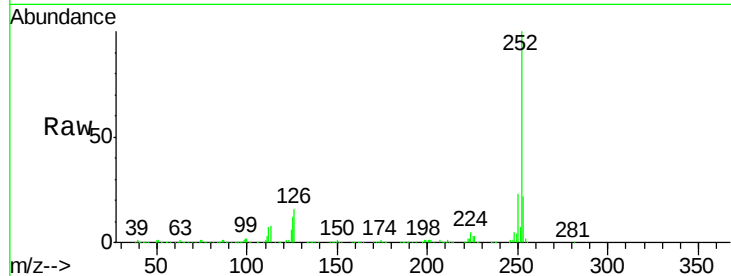
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.3	11.4	17.0

Manual Integrations
APPROVED

sohil
5/13/2016 8:03:31 PM



#88

Benzo(k)fluoranthene

Concen: 44.15 ng m

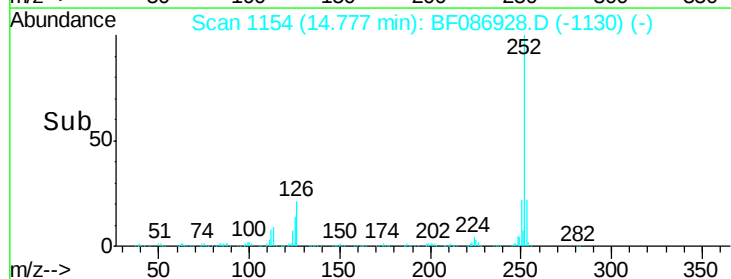
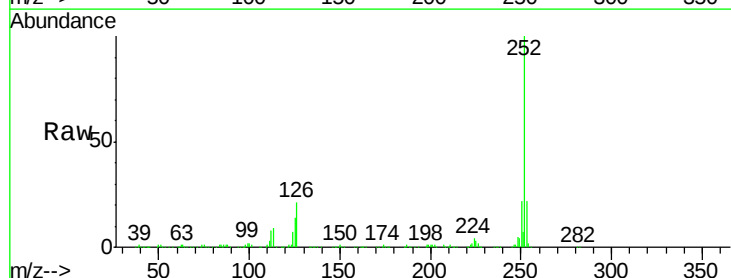
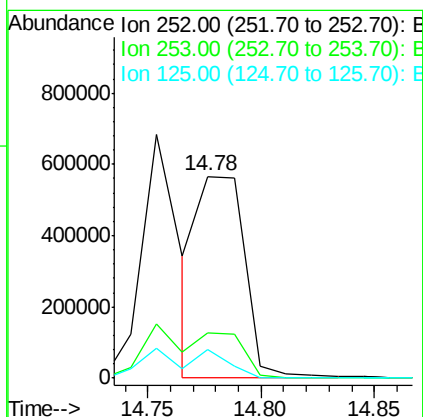
RT: 14.78 min Scan# 1154

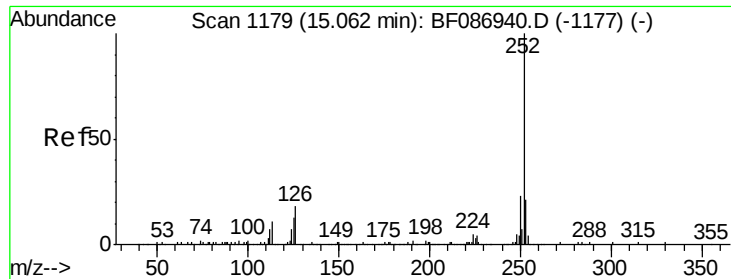
Delta R.T. -0.02 min

Lab File: BF086928.D

Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	14.2	9.1	13.7#





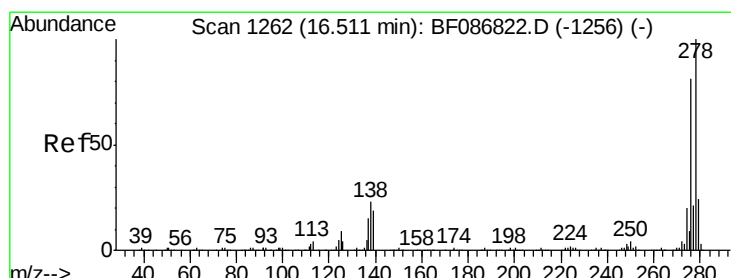
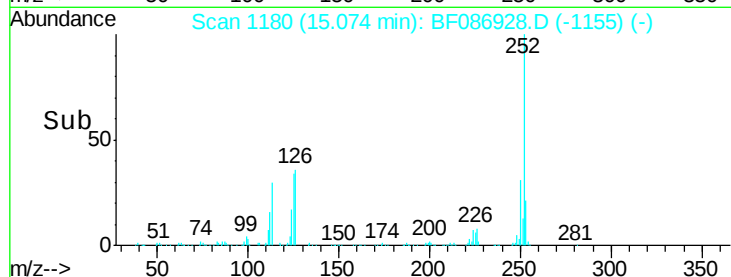
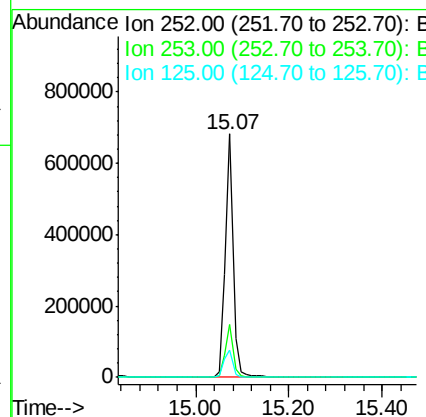
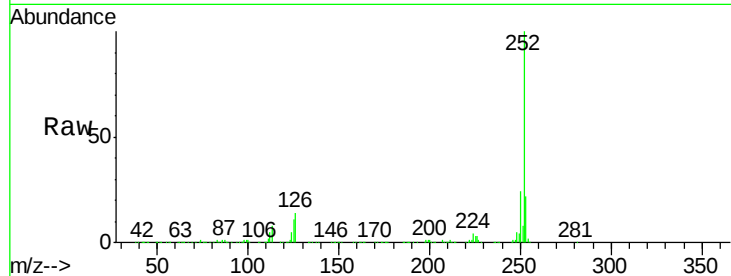
#89
Benzo(a)pyrene
Concen: 40.11 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	779969		
253	21.9		17.2	25.8
125	11.0		9.0	13.6

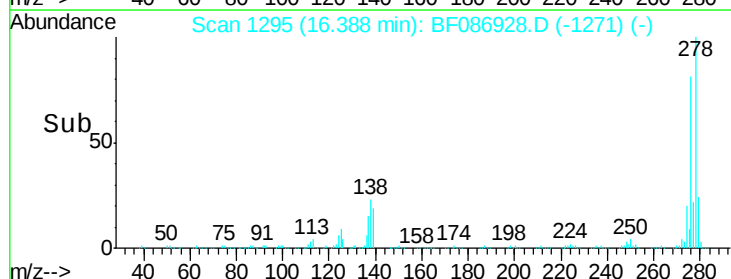
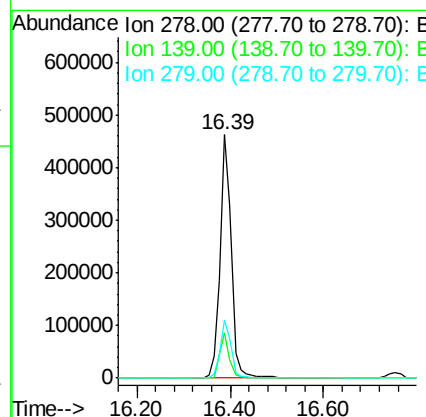
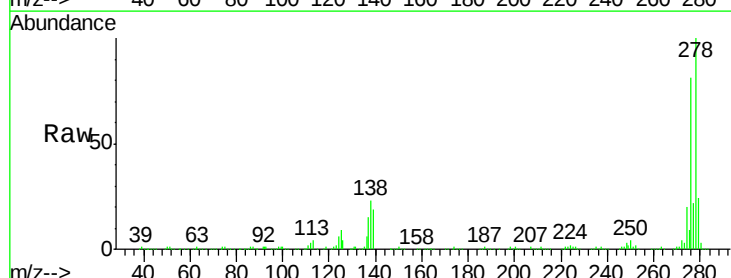
Manual Integrations
APPROVED

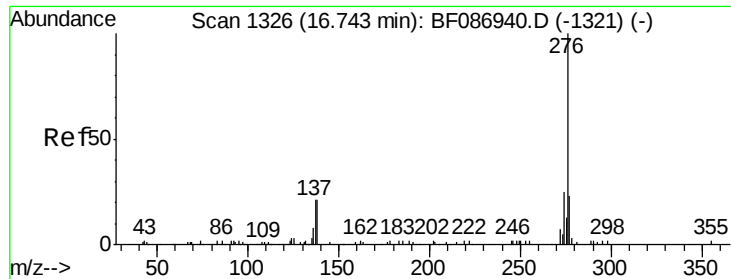
sohil
5/13/2016 8:03:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.14 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF086928.D
Acq: 12 May 2016 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	772447		
139	18.6		16.6	24.8
279	23.6		19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 48.54 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF086928.D
 Acq: 12 May 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	23.5	23.6	35.4#

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:03:31 PM

