

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087213.D
 Acq On : 20 May 2016 5:40
 Operator : UM/SJ
 Sample : H3132-03MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:14:17 PM

Quant Time: May 20 07:58:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	131294	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	525014	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	238869	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	407067	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	238908	20.00	ng	-0.05
86) Perylene-d12	15.06	264	250052	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1023316	131.01	ng	-0.02
7) Phenol-d6	6.25	99	1342360	128.13	ng	-0.03
23) Nitrobenzene-d5	7.15	82	1012224	96.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	359589	136.23	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1360595	94.33	ng	-0.05
78) Terphenyl-d14	12.66	244	1077044	101.98	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	132761	33.04	ng	# 64
3) Pyridine	2.79	79	255588	26.30	ng	# 67
4) n-Nitrosodimethylamine	2.71	42	314913	45.72	ng	# 48
6) Aniline	6.25	93	105726	7.94	ng	# 1
8) 2-Chlorophenol	6.36	128	429033	45.14	ng	93
9) Benzaldehyde	6.12	77	54203	7.55	ng	94
10) Phenol	6.26	94	548311	41.63	ng	83
11) bis(2-Chloroethyl)ether	6.32	93	431617	43.65	ng	87
12) 1,3-Dichlorobenzene	6.50	146	407075m	40.30	ng	
13) 1,4-Dichlorobenzene	6.58	146	414539m	40.10	ng	
14) 1,2-Dichlorobenzene	6.74	146	391151	43.22	ng	98
15) Benzyl Alcohol	6.74	79	377225	48.37	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.87	45	838572	41.25	ng	57
17) 2-Methylphenol	6.87	107	348568	44.66	ng	# 78
18) Hexachloroethane	7.07	117	159135	40.27	ng	98
19) n-Nitroso-di-n-propylamine	7.00	70	328267	41.22	ng	# 66
20) 3+4-Methylphenols	7.03	107	475720	46.21	ng	# 60
22) Acetophenone	6.99	105	627757	48.86	ng	# 97
24) Nitrobenzene	7.16	77	469810	40.85	ng	94
25) Isophorone	7.42	82	903519	46.85	ng	# 94
26) 2-Nitrophenol	7.48	139	230489	48.37	ng	# 78
27) 2,4-Dimethylphenol	7.54	122	371898	45.74	ng	87
28) bis(2-Chloroethoxy)methane	7.62	93	498246	47.06	ng	98
29) 2,4-Dichlorophenol	7.74	162	374353	52.24	ng	95
30) 1,2,4-Trichlorobenzene	7.80	180	379259	47.70	ng	99
31) Naphthalene	7.87	128	1224401	47.73	ng	98
32) Benzoic acid	7.72	122	236857	48.87	ng	93
33) 4-Chloroaniline	7.96	127	69126	6.48	ng	# 89
34) Hexachlorobutadiene	8.00	225	220243	48.81	ng	97
35) Caprolactam	8.34	113	100741m	42.22	ng	
36) 4-Chloro-3-methylphenol	8.46	107	382717	44.28	ng	89
37) 2-Methylnaphthalene	8.57	142	807154	49.19	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	344222	49.34	ng	99
40) Hexachlorocyclopentadiene	8.72	237	117470	47.17	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087213.D
 Acq On : 20 May 2016 5:40
 Operator : UM/SJ
 Sample : H3132-03MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

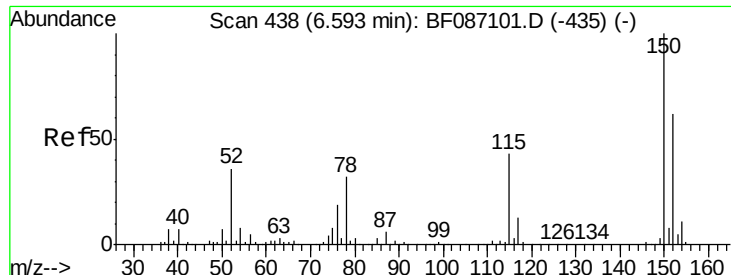
Manual Integrations
 APPROVED

sohil
 5/20/2016 7:14:17 PM

Quant Time: May 20 07:58:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	235421	52.03	ng	92
43) 2,4,5-Trichlorophenol	8.91	196	234293	49.85	ng	# 85
45) 1,1'-Biphenyl	9.04	154	1025315	51.77	ng	99
46) 2-Chloronaphthalene	9.06	162	767647	50.48	ng	99
47) 2-Nitroaniline	9.18	65	311504	53.46	ng	89
48) Acenaphthylene	9.47	152	1103527	47.53	ng	99
49) Dimethylphthalate	9.35	163	901564	49.48	ng	100
50) 2,6-Dinitrotoluene	9.42	165	197086	49.81	ng	# 86
51) Acenaphthene	9.63	154	681501	46.98	ng	98
52) 3-Nitroaniline	9.59	138	62771	14.66	ng	94
53) 2,4-Dinitrophenol	9.70	184	141245	63.35	ng	# 83
54) Dibenzofuran	9.82	168	1036201	55.24	ng	100
55) 4-Nitrophenol	9.78	139	164681m	61.81	ng	
56) 2,4-Dinitrotoluene	9.83	165	250524	49.44	ng	# 68
57) Fluorene	10.15	166	719704	47.76	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	195294	53.35	ng	98
59) Diethylphthalate	10.04	149	845092	48.58	ng	99
60) 4-Chlorophenyl-phenylether	10.15	204	355273	49.73	ng	95
61) 4-Nitroaniline	10.20	138	156716	37.06	ng	# 78
62) Azobenzene	10.31	77	1015942	50.68	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	93185	34.76	ng	# 23
65) n-Nitrosodiphenylamine	10.27	169	601772	46.98	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	211511	50.53	ng	# 75
67) Hexachlorobenzene	10.70	284	232299	47.86	ng	# 78
68) Atrazine	10.81	200	164077	39.26	ng	93
69) Pentachlorophenol	10.90	266	193910	106.36	ng	96
70) Phenanthrene	11.11	178	1114817	50.49	ng	100
71) Anthracene	11.15	178	1051108	47.07	ng	100
72) Carbazole	11.32	167	887658	43.52	ng	99
73) Di-n-butylphthalate	11.66	149	1232074	52.58	ng	# 99
74) Fluoranthene	12.28	202	904738	40.90	ng	97
76) Benzidine	12.43	184	28507	4.11	ng	99
77) Pyrene	12.51	202	969270	56.16	ng	100
79) Butylbenzylphthalate	13.14	149	462246	63.44	ng	# 82
80) Benzo(a)anthracene	13.70	228	716393	51.86	ng	98
81) 3,3'-Dichlorobenzidine	13.67	252	54859	6.24	ng	# 96
82) Chrysene	13.74	228	759572	56.83	ng	100
83) Bis(2-ethylhexyl)phthalate	13.70	149	563373	63.53	ng	97
84) Di-n-octyl phthalate	14.31	149	927620	60.73	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.30	276	669462	57.07	ng	95
87) Benzo(b)fluoranthene	14.70	252	726414m	43.79	ng	
88) Benzo(k)fluoranthene	14.72	252	725850m	58.77	ng	
89) Benzo(a)pyrene	15.01	252	699651	50.46	ng	96
90) Dibenzo(a,h)anthracene	16.30	278	573682	49.14	ng	96
91) Benzo(g,h,i)perylene	16.66	276	549425	46.59	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

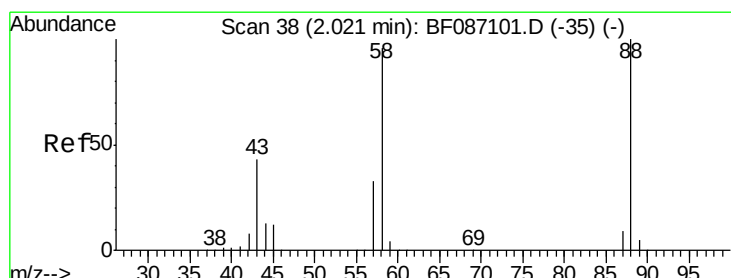
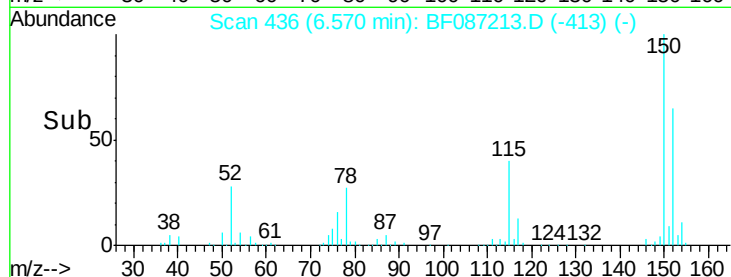
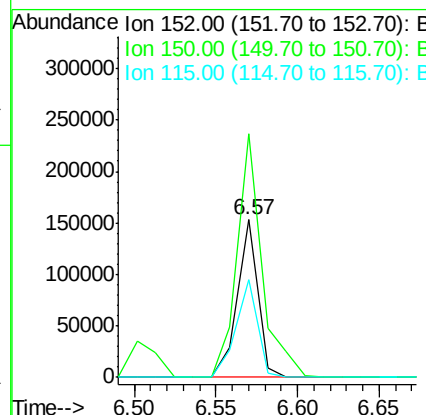
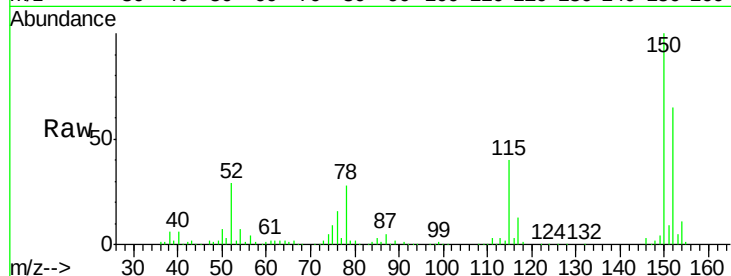
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	152	Resp:	131294
Ion Ratio	Lower	Upper	
152	100		
150	154.6	125.8	188.6
115	62.3	51.5	77.3

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#2

1,4-Dioxane

Concen: 33.04 ng

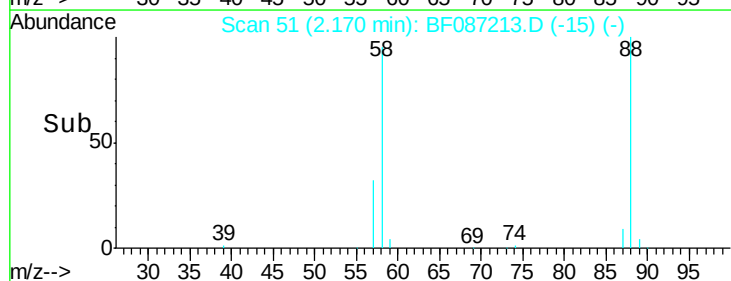
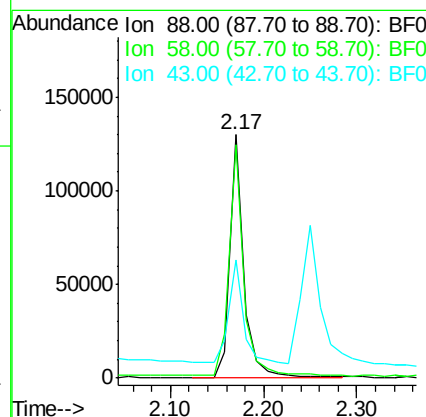
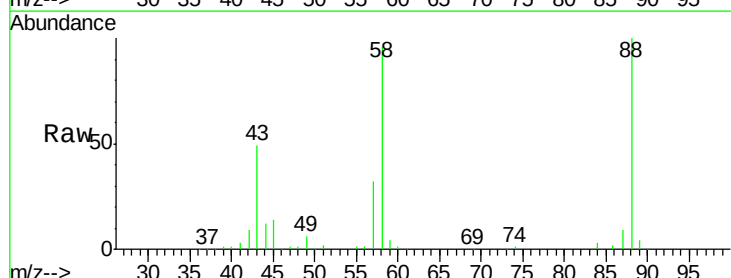
RT: 2.17 min Scan# 51

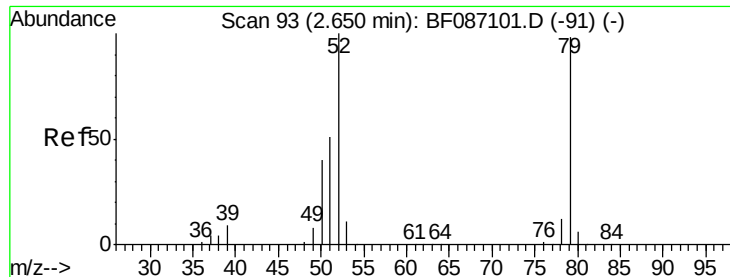
Delta R.T. 0.11 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion:	88	Resp:	132761
Ion Ratio	Lower	Upper	
88	100		
58	99.4	59.6	89.4#
43	0.0	21.8	32.6#





#3

Pyridine

Concen: 26.30 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.10 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

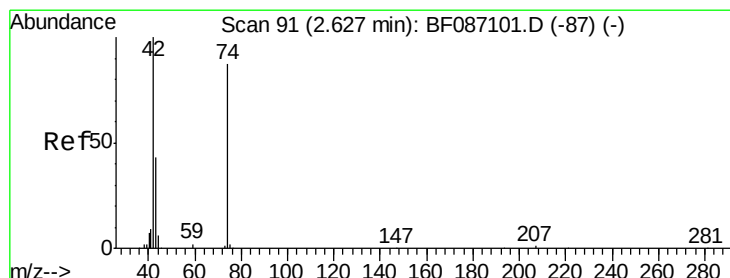
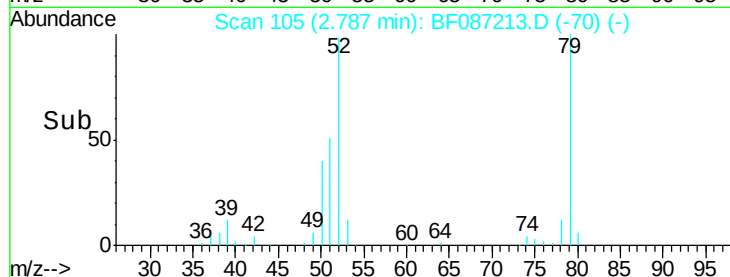
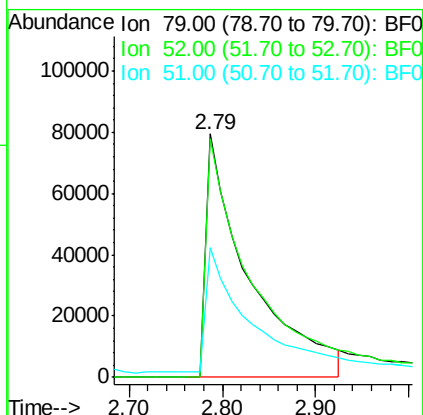
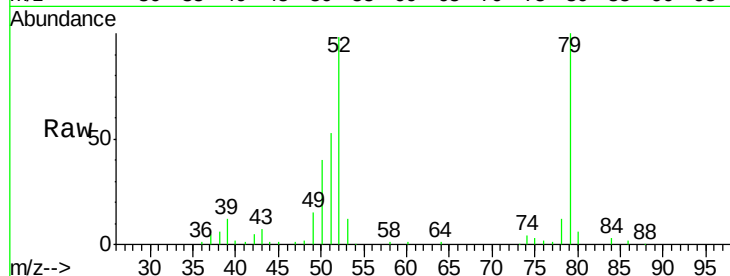
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	79	Resp:	255588
Ion Ratio	Lower	Upper	
79	100		
52	97.9	55.9	83.9#
51	53.4	28.1	42.1#

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#4

n-Nitrosodimethylamine

Concen: 45.72 ng

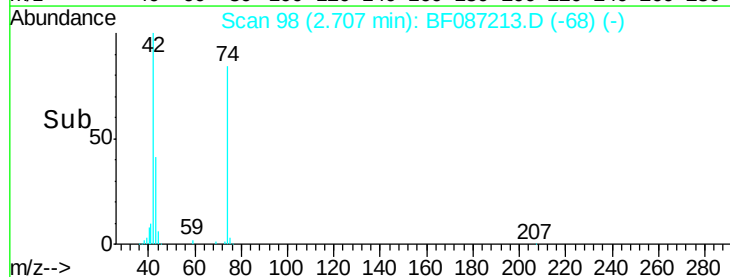
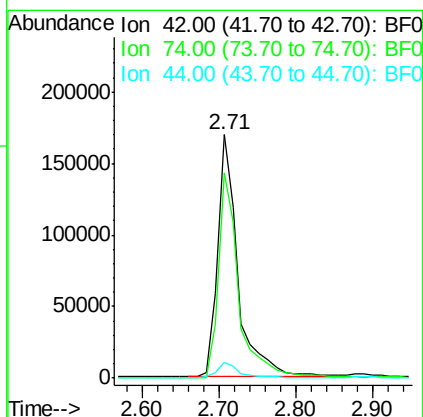
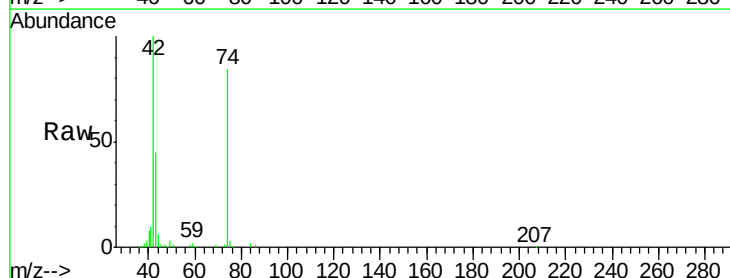
RT: 2.71 min Scan# 98

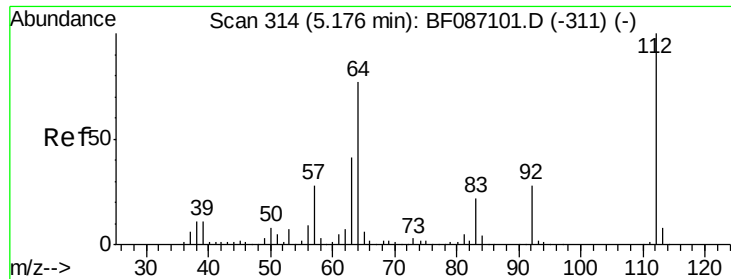
Delta R.T. 0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion:	42	Resp:	314913
Ion Ratio	Lower	Upper	
42	100		
74	84.2	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 131.01 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 112 Resp: 1023316

Ion Ratio Lower Upper

112 100

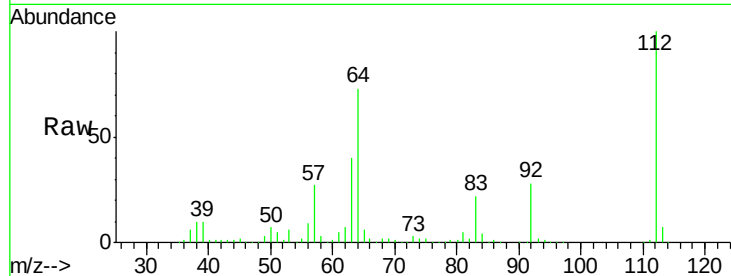
64 72.5 52.1 78.1

63 40.2 25.7 38.5#

Manual Integrations
APPROVED

sohil

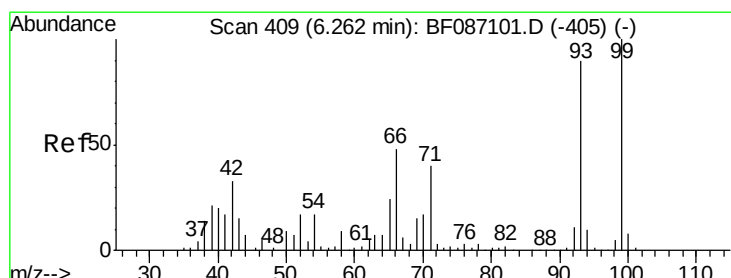
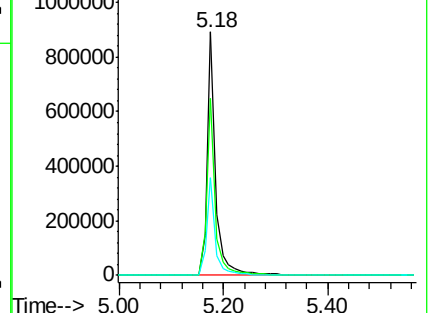
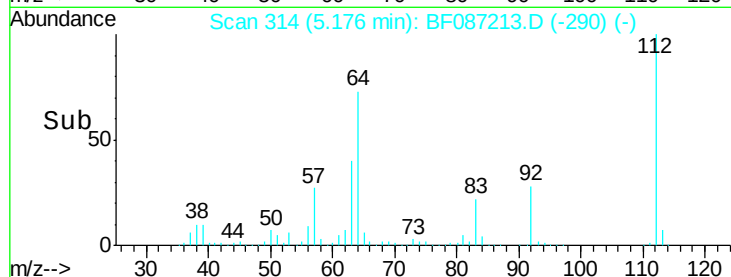
5/20/2016 7:14:17 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.94 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

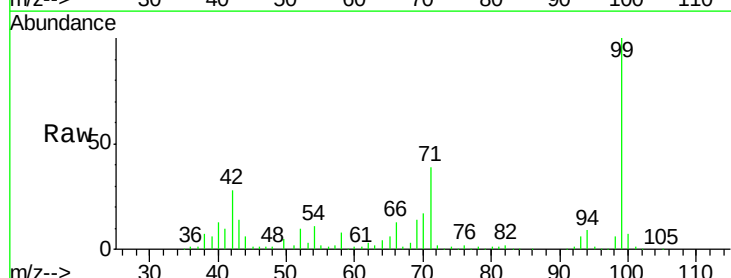
Tgt Ion: 93 Resp: 105726

Ion Ratio Lower Upper

93 100

66 226.4 39.0 58.6#

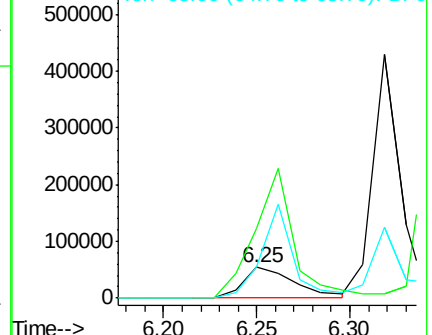
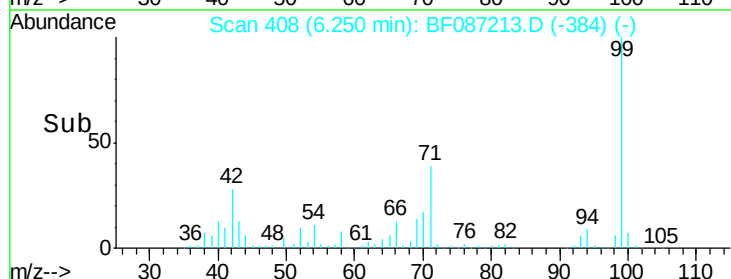
65 101.9 20.6 31.0#

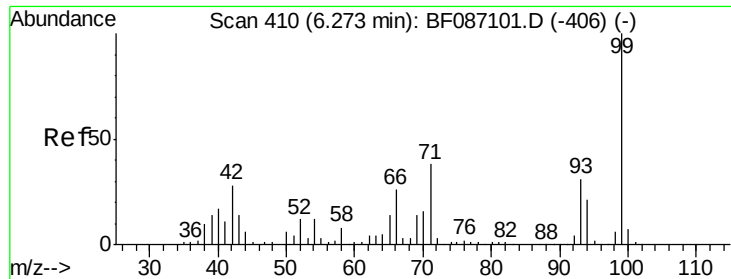


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.13 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 99 Resp: 1342360

Ion Ratio Lower Upper

99 100

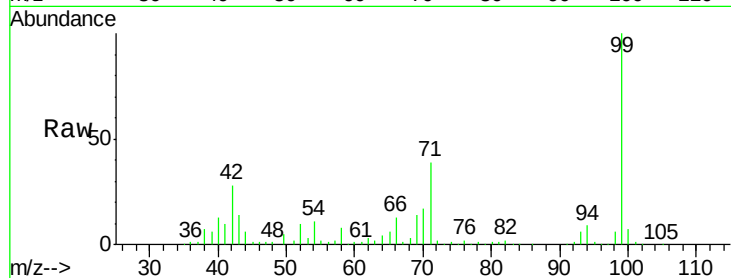
42 27.8 13.6 20.4#

71 38.8 24.6 36.8#

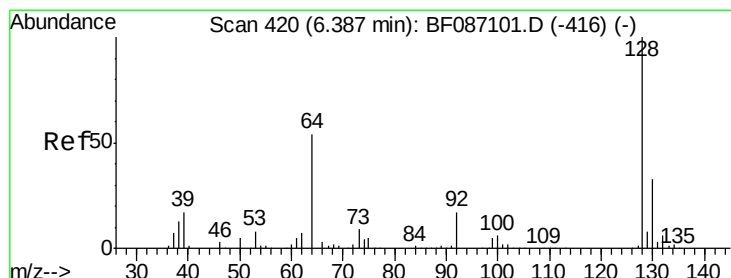
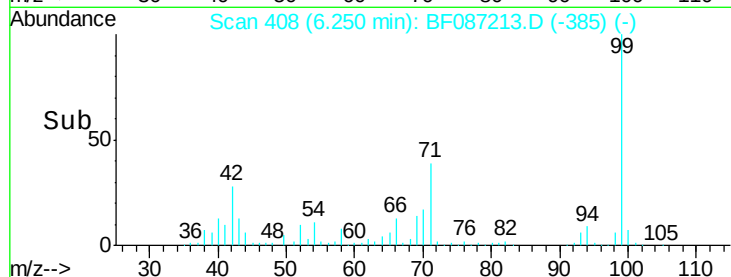
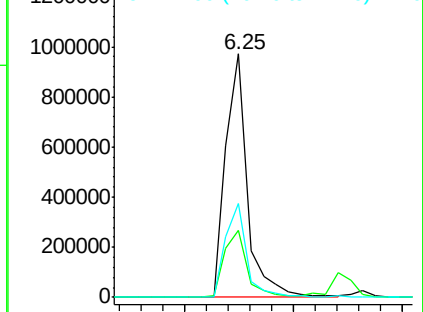
Manual Integrations
APPROVED

sohil

5/20/2016 7:14:17 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.14 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

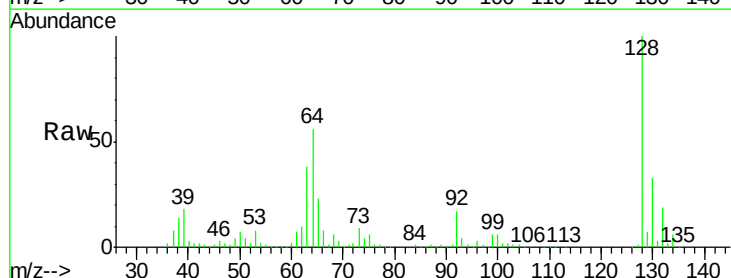
Tgt Ion: 128 Resp: 429033

Ion Ratio Lower Upper

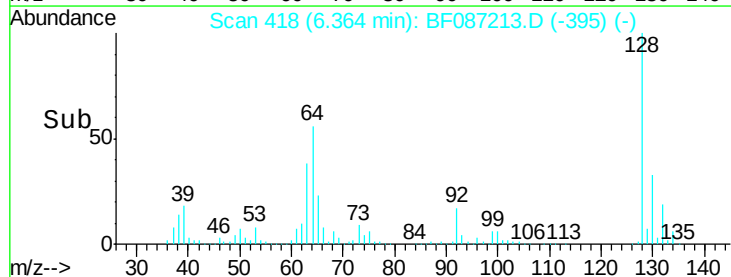
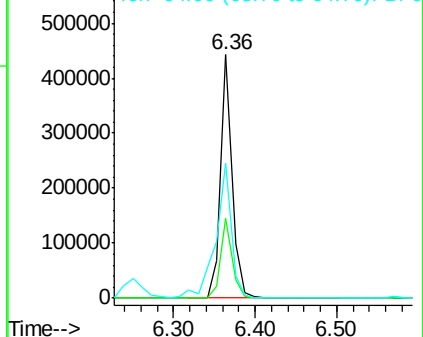
128 100

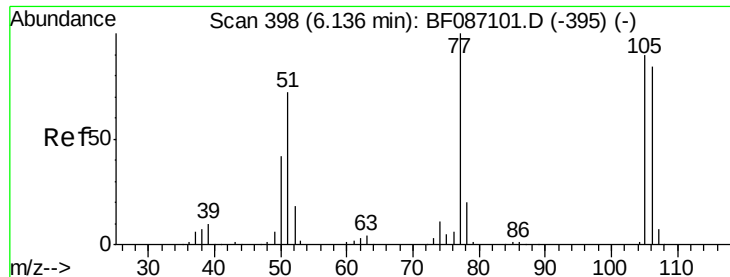
130 32.8 12.5 52.5

64 55.5 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





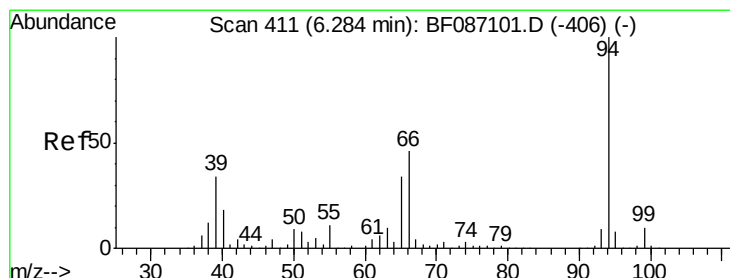
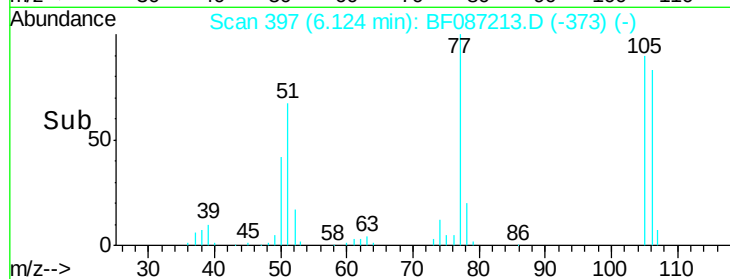
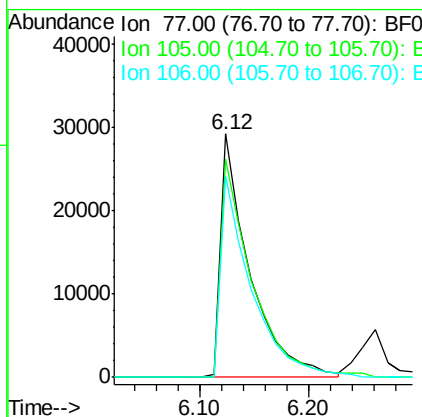
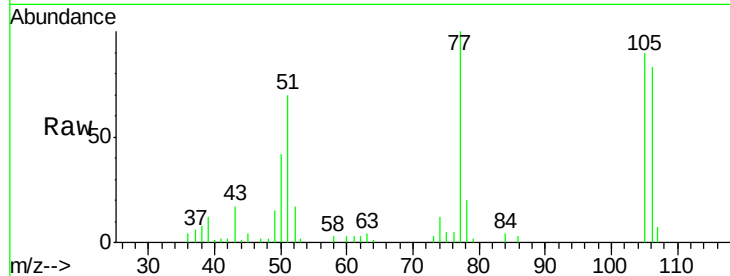
#9
Benzaldehyde
Concen: 7.55 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 77 Resp: 54203
Ion Ratio Lower Upper
77 100
105 89.5 72.7 112.7
106 82.8 70.8 110.8

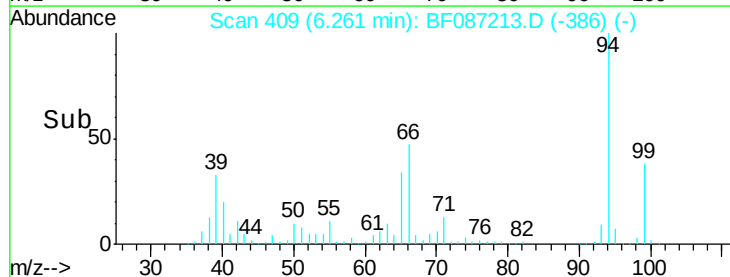
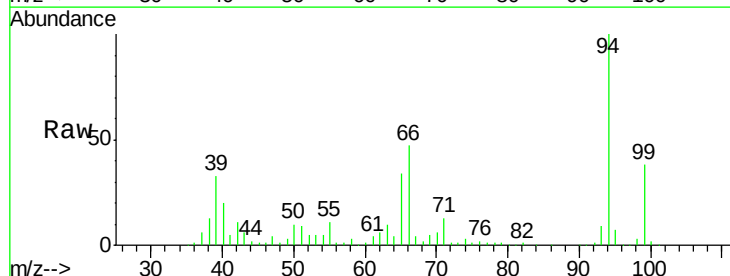
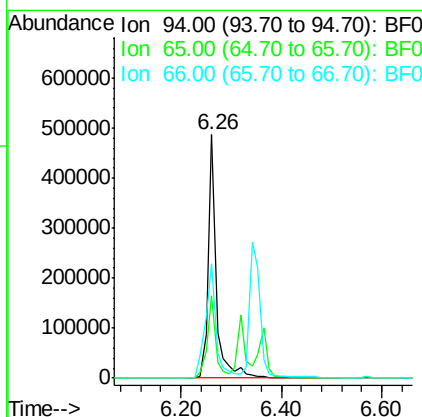
Manual Integrations
APPROVED

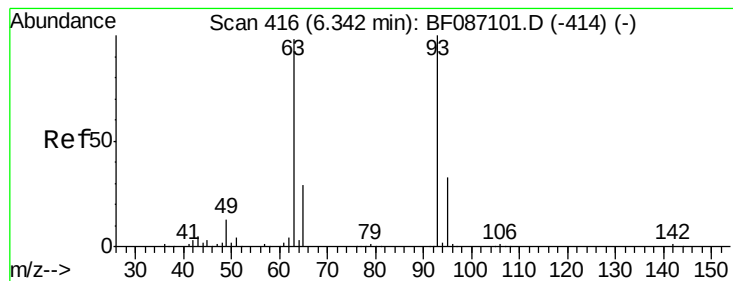
sohil
5/20/2016 7:14:17 PM



#10
Phenol
Concen: 41.63 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 94 Resp: 548311
Ion Ratio Lower Upper
94 100
65 33.9 7.2 47.2
66 46.9 14.9 54.9





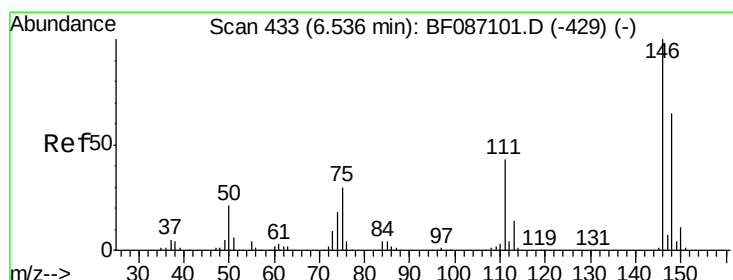
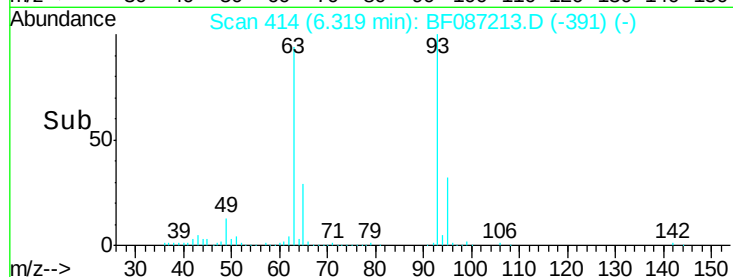
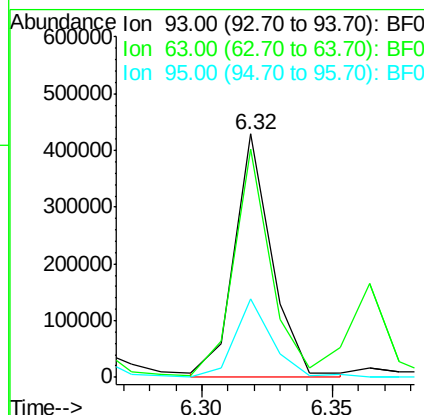
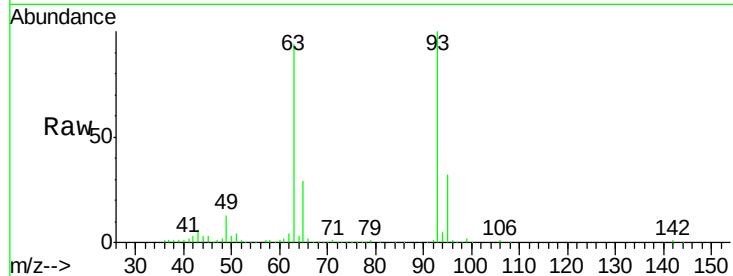
#11
 bis(2-Chloroethyl)ether
 Concen: 43.65 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	94.0	58.0	98.0
95	32.3	11.9	51.9

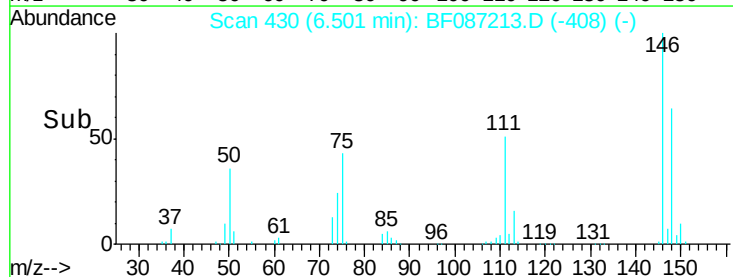
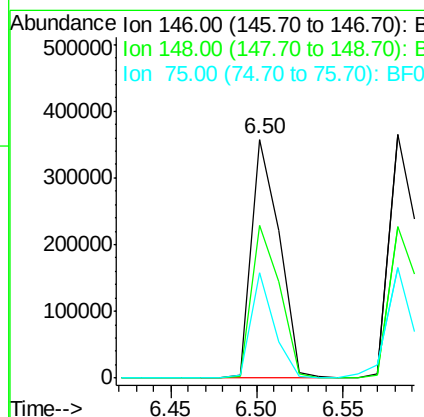
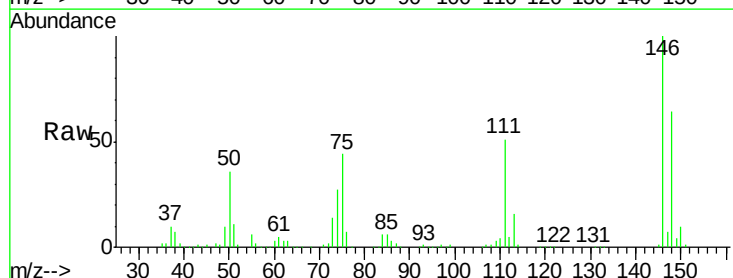
Manual Integrations
 APPROVED

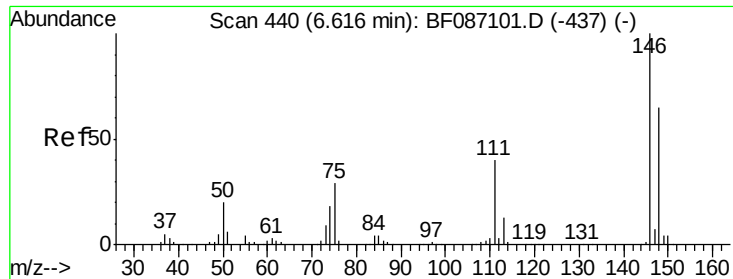
sohil
 5/20/2016 7:14:17 PM



#12
 1,3-Dichlorobenzene
 Concen: 40.30 ng m
 RT: 6.50 min Scan# 430
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.9	52.4	78.6
75	44.0	22.8	34.2





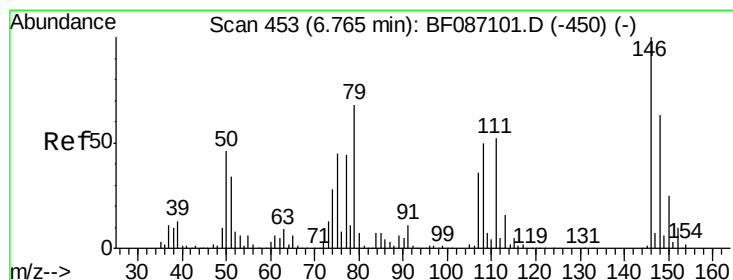
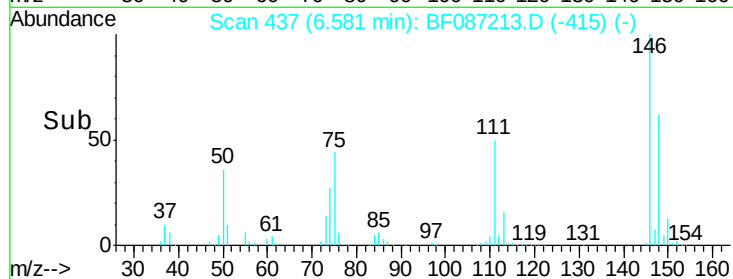
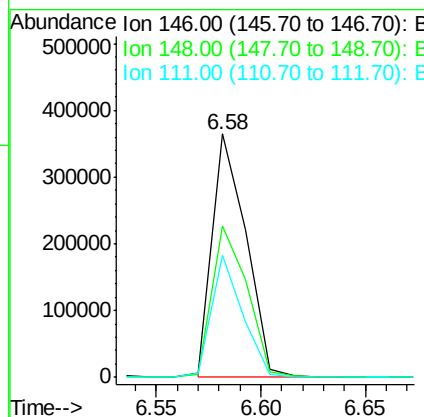
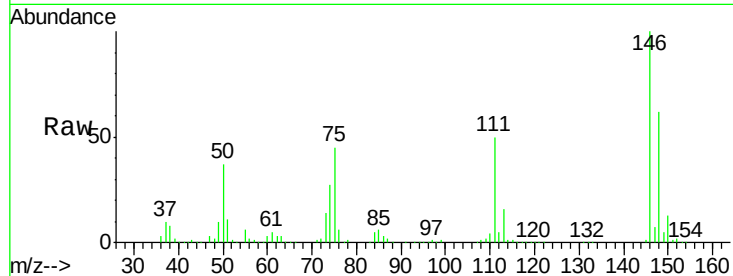
#13
 1,4-Dichlorobenzene
 Concen: 40.10 ng m
 RT: 6.58 min Scan# 437
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.4
111	50.0	30.7	46.1

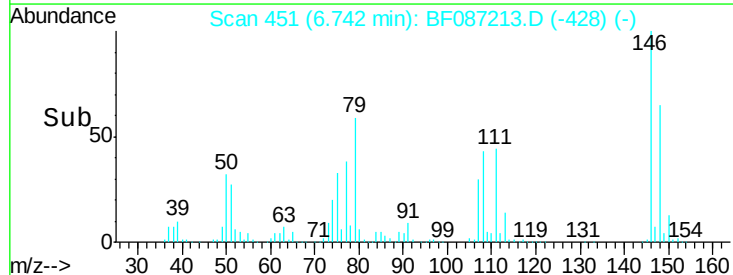
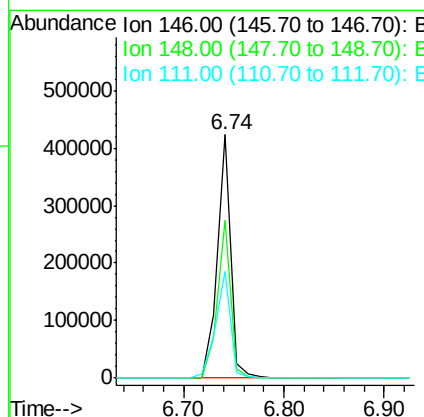
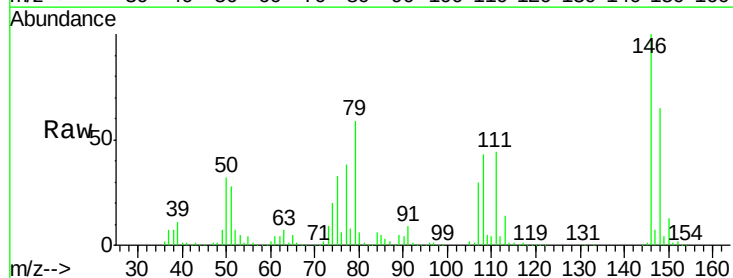
Manual Integrations
 APPROVED

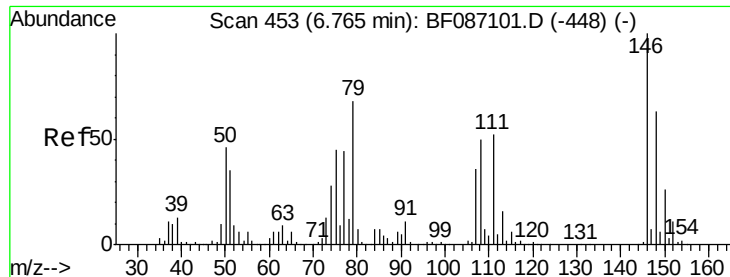
sohil
 5/20/2016 7:14:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.22 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	44.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 48.37 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087213.D

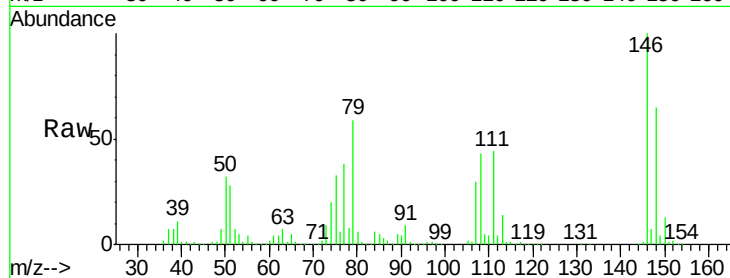
Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS



Tgt Ion: 79 Resp: 377225

Ion Ratio Lower Upper

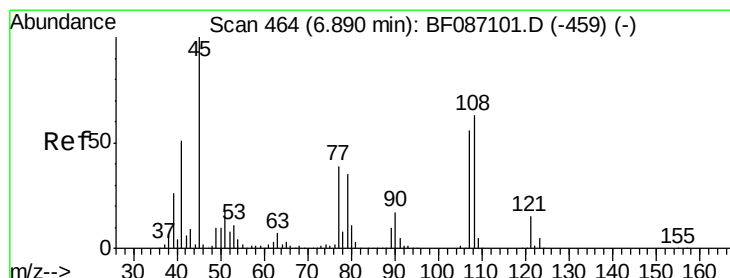
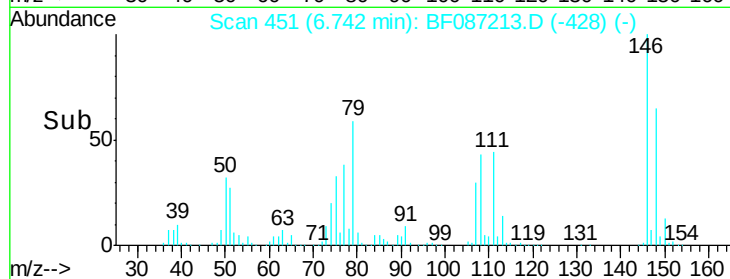
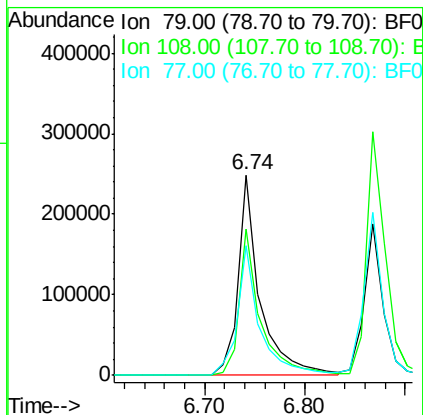
79 100

108 73.0 68.4 102.6

77 64.7 50.6 76.0

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.25 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

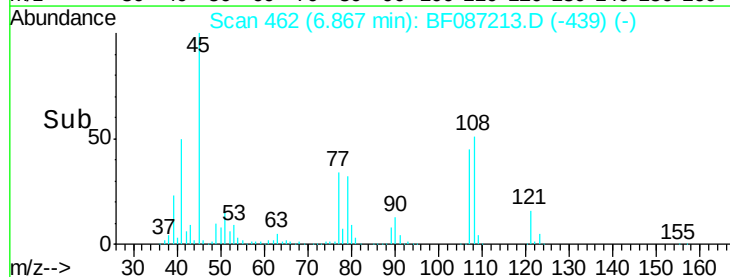
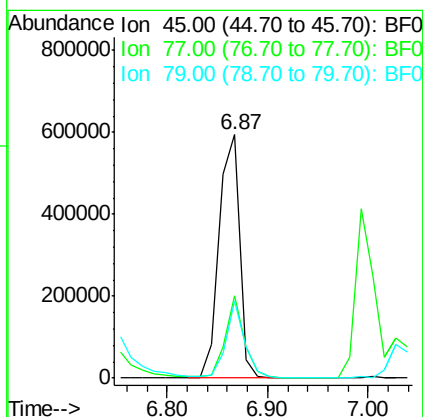
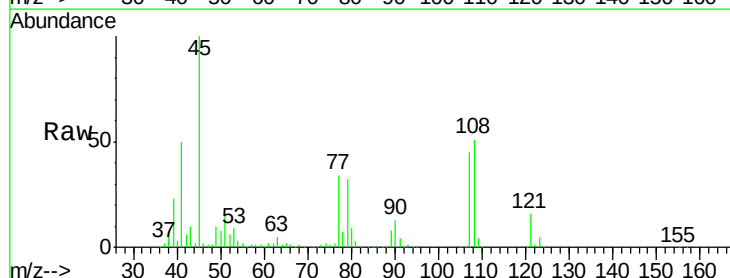
Tgt Ion: 45 Resp: 838572

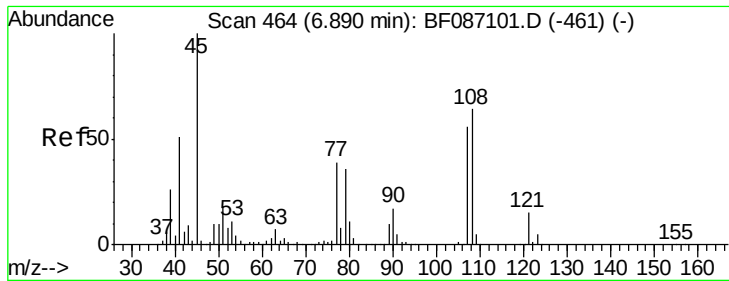
Ion Ratio Lower Upper

45 100

77 34.0 0.0 36.4

79 31.6 0.0 33.4





#17

2-Methylphenol

Concen: 44.66 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

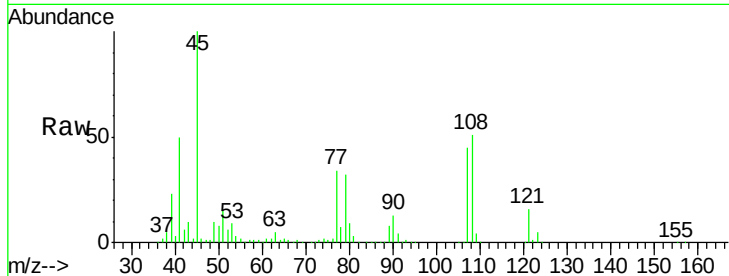
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

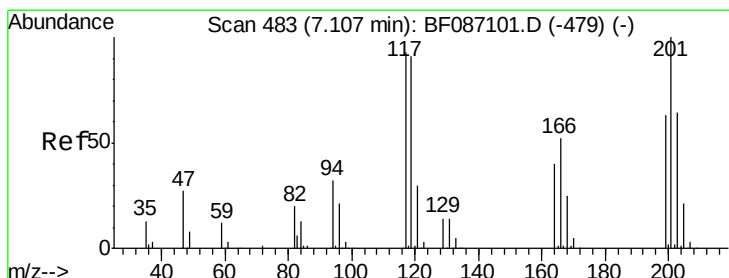
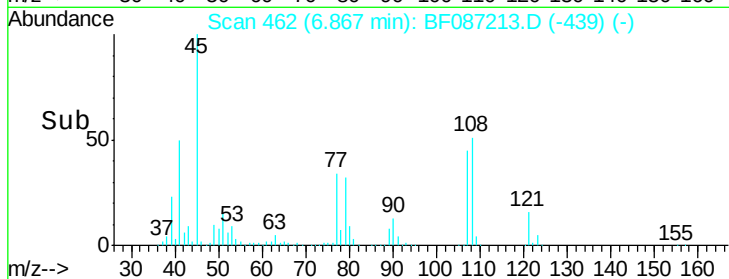
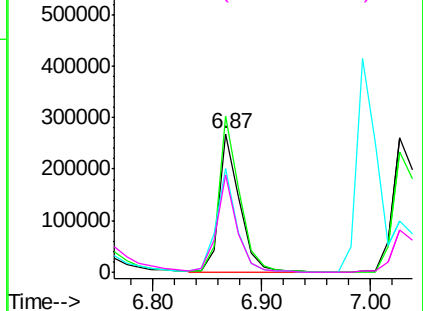
Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM

Tgt Ion:	107	Resp:	348568
Ion Ratio	Lower	Upper	
107	100		
108	112.3	93.7	140.5
77	75.1	33.4	50.0#
79	69.9	34.3	51.5#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.27 ng

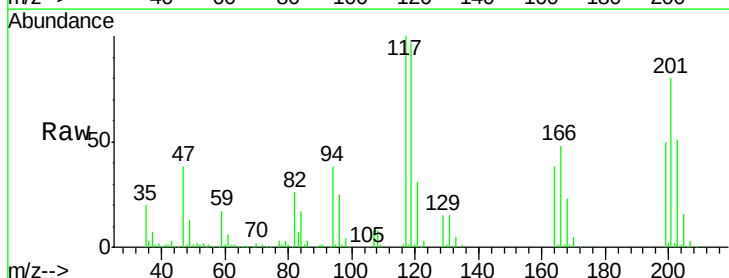
RT: 7.07 min Scan# 480

Delta R.T. -0.05 min

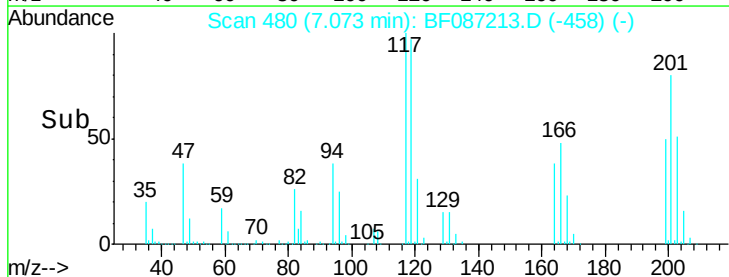
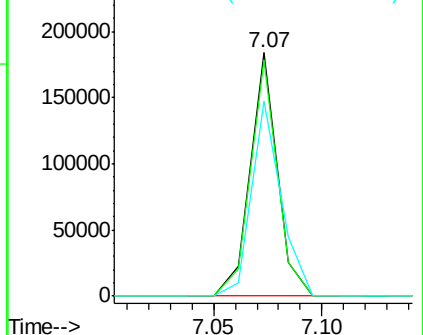
Lab File: BF087213.D

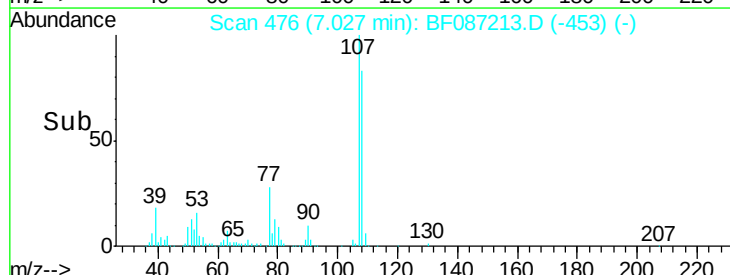
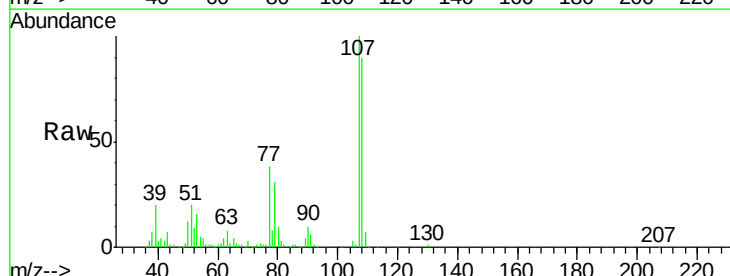
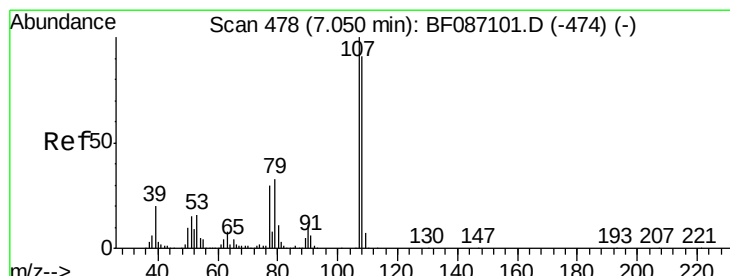
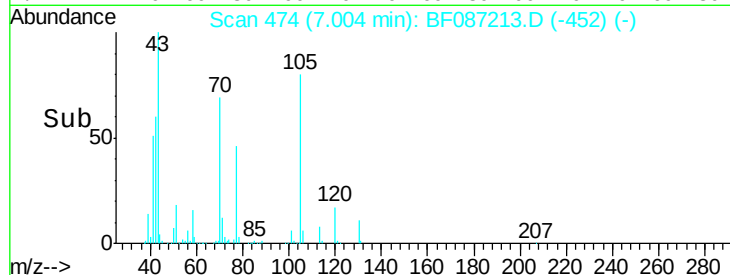
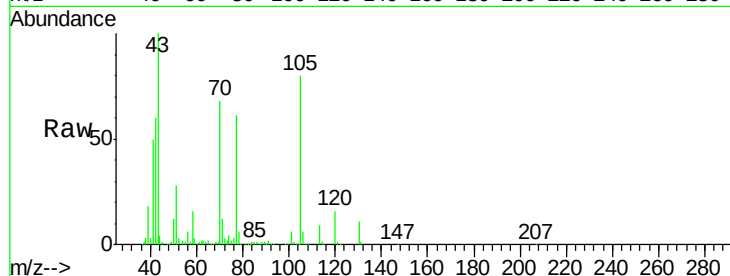
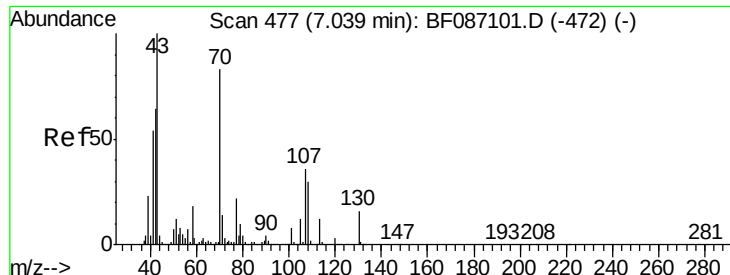
Acq: 20 May 2016 5:40

Tgt Ion:	117	Resp:	159135
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.5	114.7
201	80.3	63.0	94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





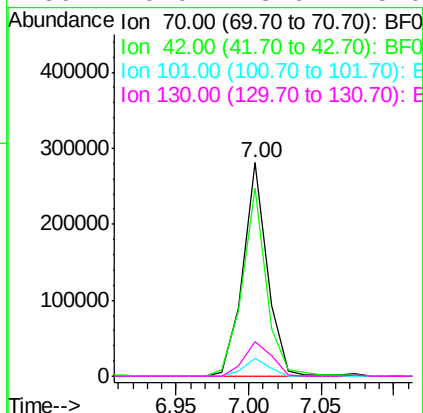
#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	87.9	43.1	64.7#
101	8.4	8.1	12.1
130	16.0	18.6	28.0#

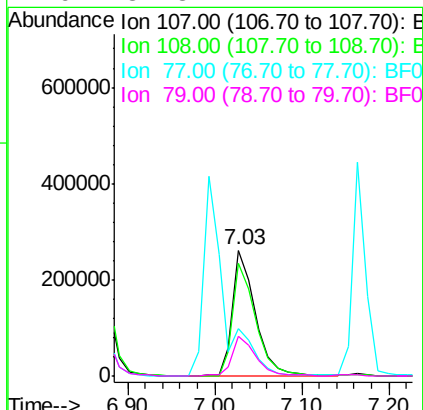
Manual Integrations
APPROVED

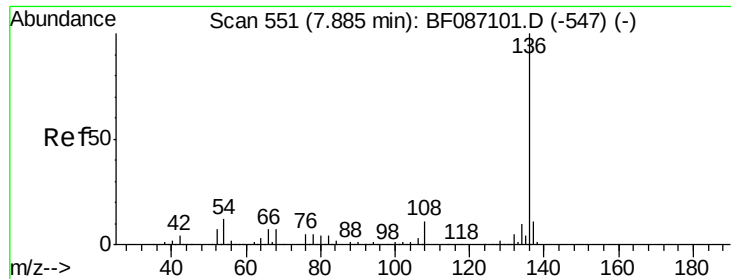
sohil
5/20/2016 7:14:17 PM



#20
3+4-Methylphenols
Concen: 46.21 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.6	68.5	108.5
77	37.9	101.6	141.6#
79	31.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087213.D

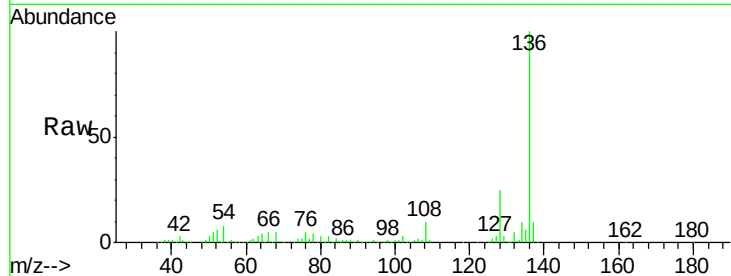
Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

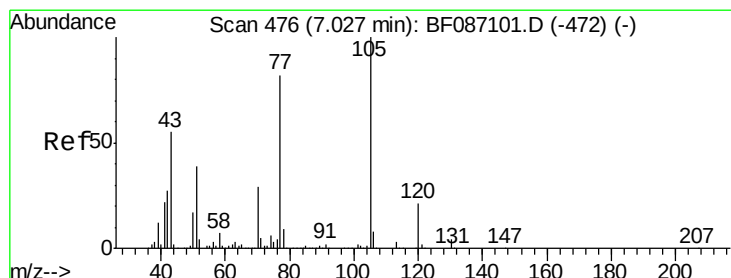
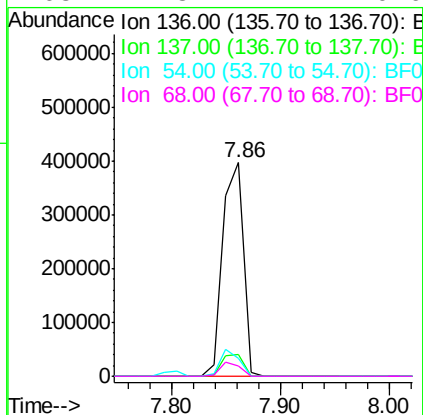
FB-BWR-BB-R10-C51(0-15FT)MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	525014		
137	10.2	8.8	13.2	
54	8.3	5.0	7.4	
68	4.8	4.4	6.6	

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#22

Acetophenone

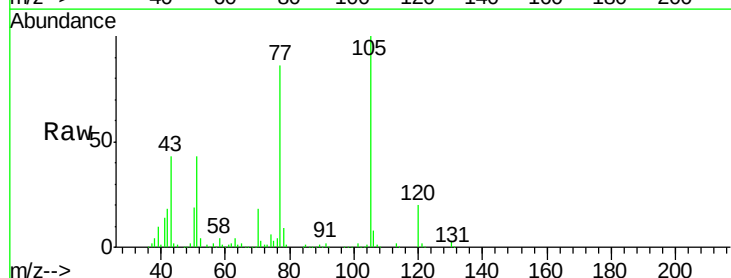
Concen: 48.86 ng

RT: 6.99 min Scan# 473

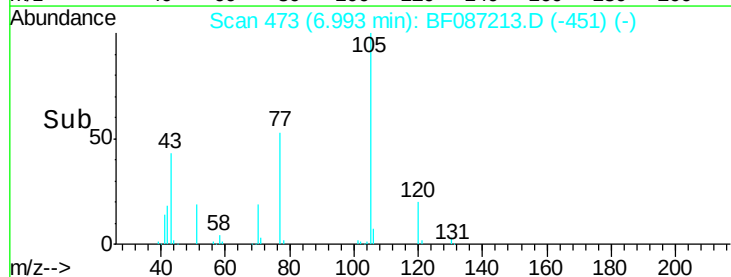
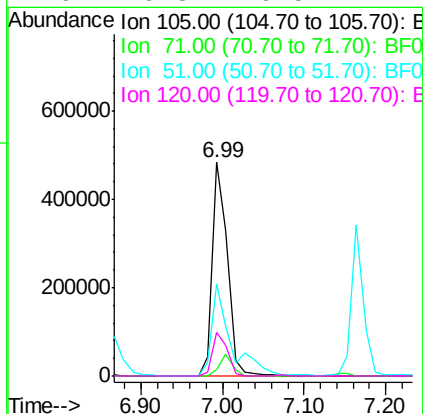
Delta R.T. -0.05 min

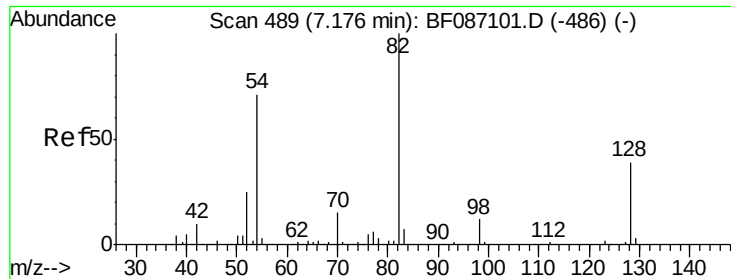
Lab File: BF087213.D

Acq: 20 May 2016 5:40



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	627757		
71	3.0	4.8	7.2	
51	43.3	32.6	49.0	
120	20.3	16.5	24.7	





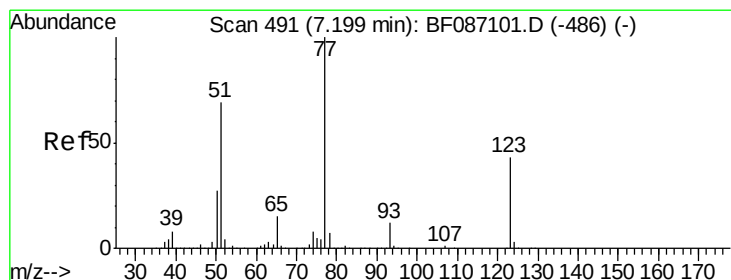
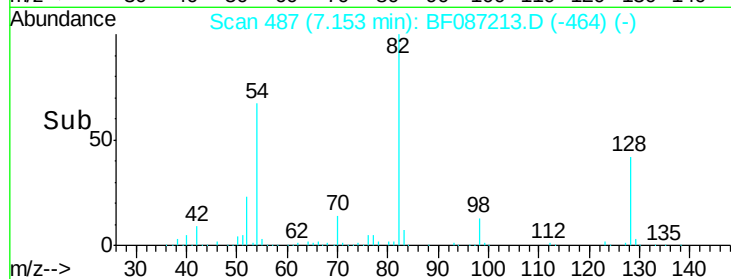
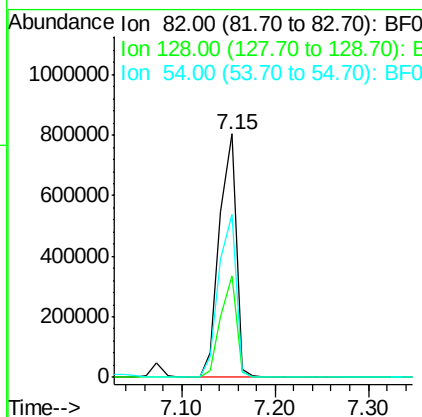
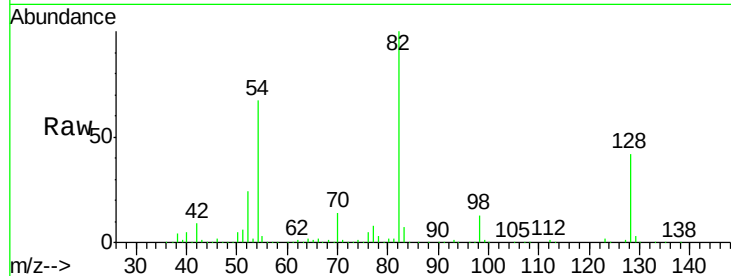
#23
 Nitrobenzene-d5
 Concen: 96.09 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 82 Resp: 1012224
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 67.2 38.1 57.1#

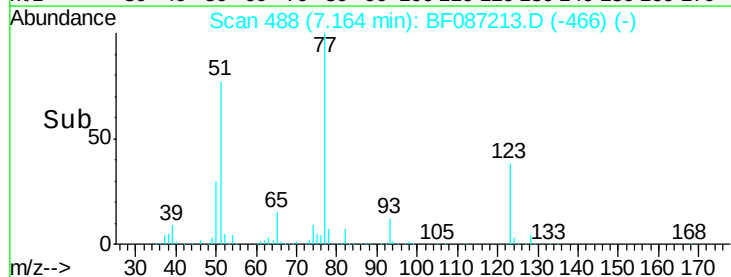
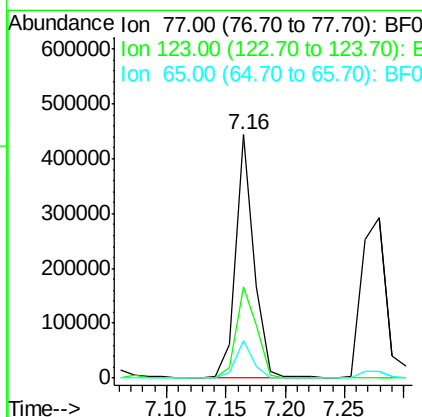
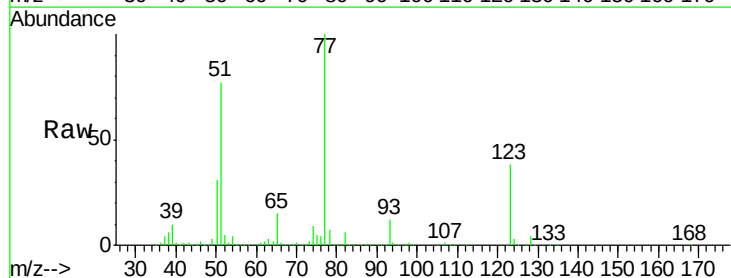
Manual Integrations
 APPROVED

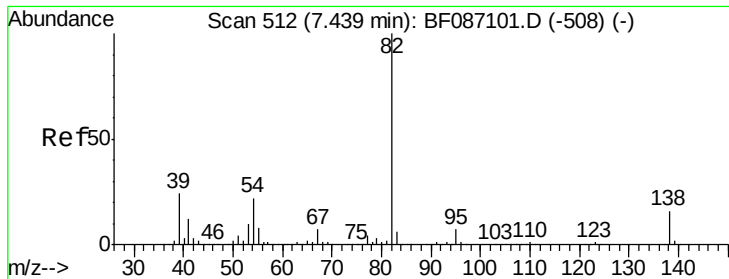
sohil
 5/20/2016 7:14:17 PM



#24
 Nitrobenzene
 Concen: 40.85 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion: 77 Resp: 469810
 Ion Ratio Lower Upper
 77 100
 123 37.6 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 46.85 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

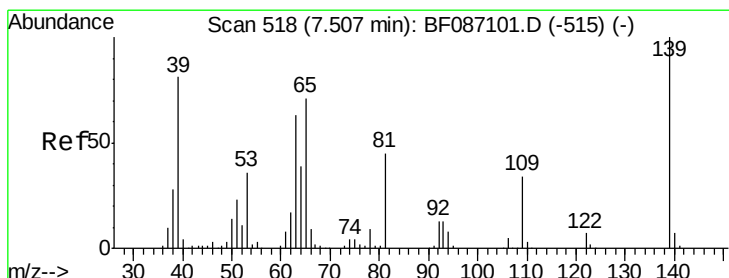
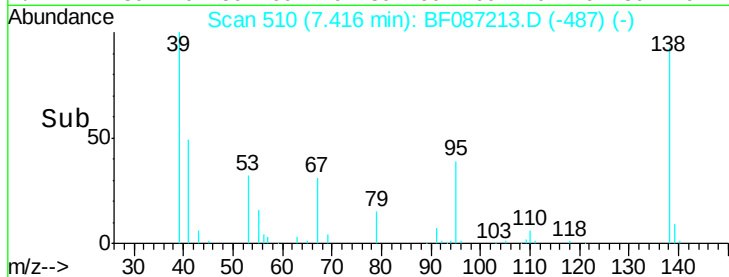
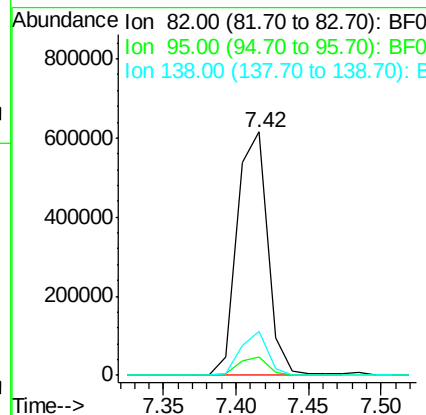
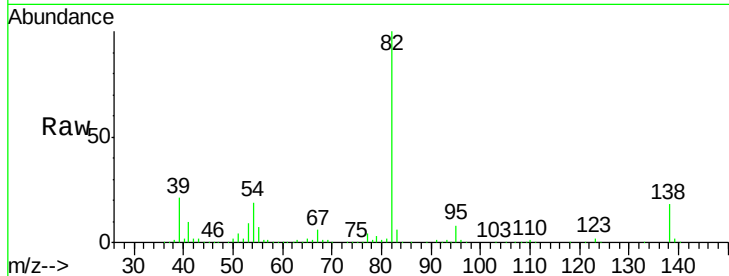
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	82	Resp:	903519
Ion Ratio		Lower	Upper
82	100		
95	7.7	5.1	7.7#
138	18.3	12.4	18.6

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#26

2-Nitrophenol

Concen: 48.37 ng

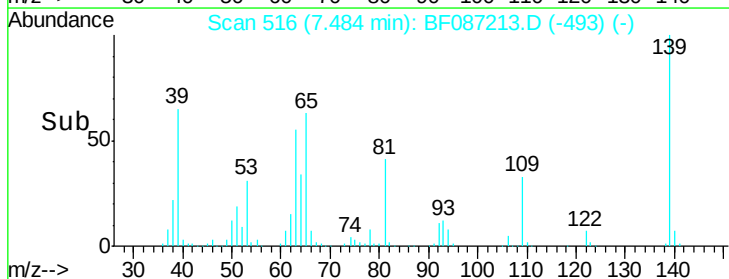
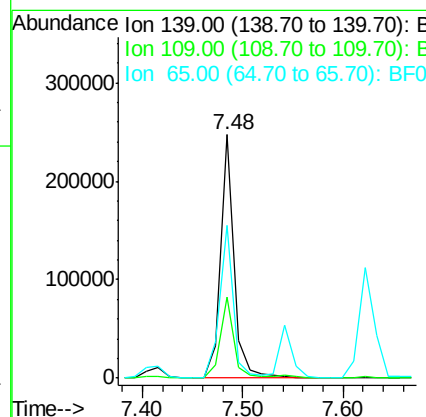
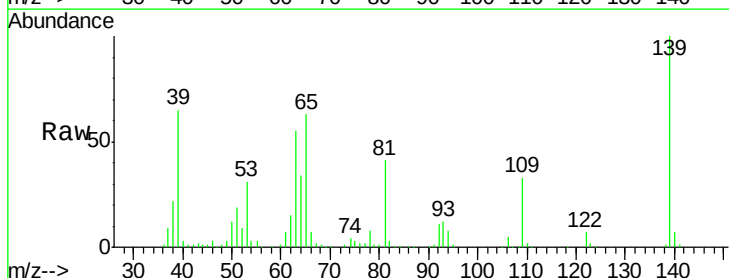
RT: 7.48 min Scan# 516

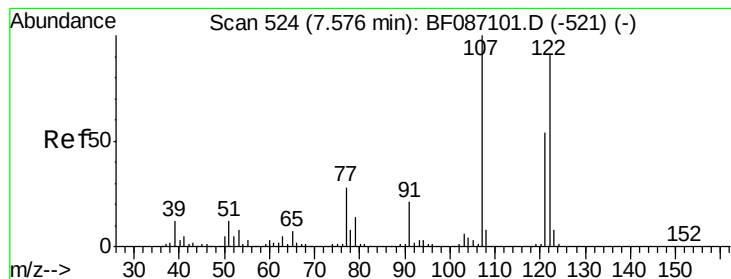
Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion:	139	Resp:	230489
Ion Ratio		Lower	Upper
139	100		
109	33.3	19.5	29.3#
65	62.8	37.5	56.3#





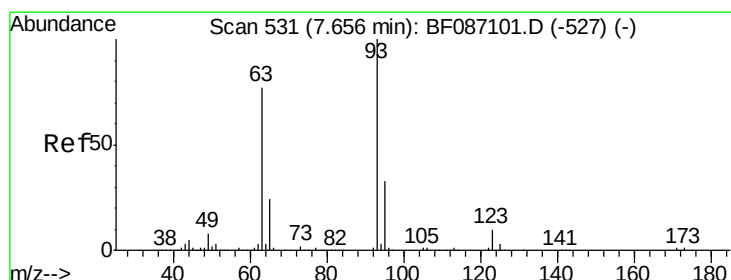
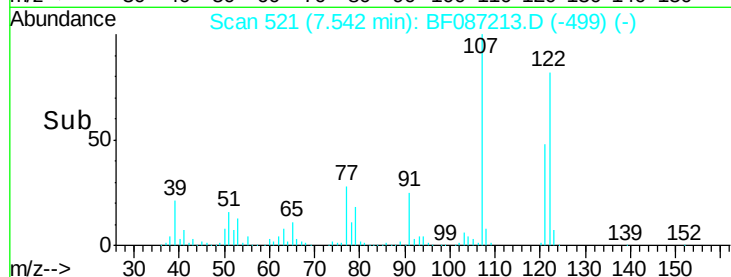
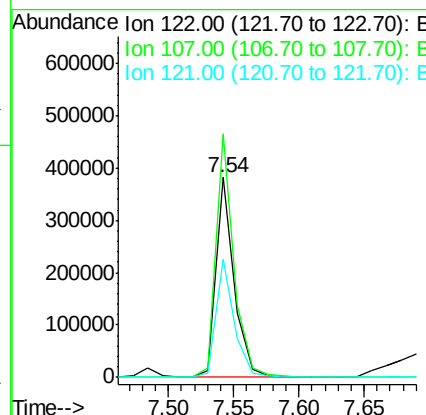
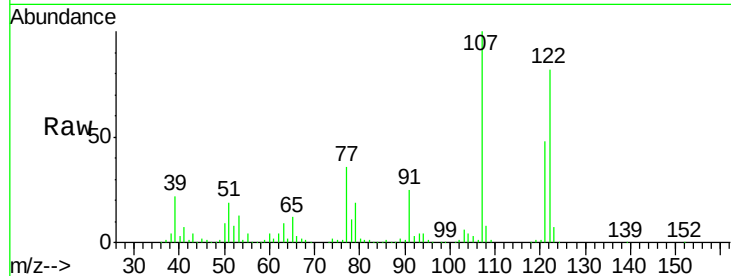
#27
 2,4-Dimethylphenol
 Concen: 45.74 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	371898		
107	121.9	82.0	123.0	
121	58.9	46.1	69.1	

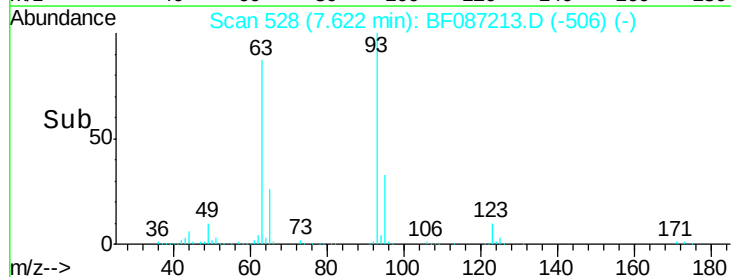
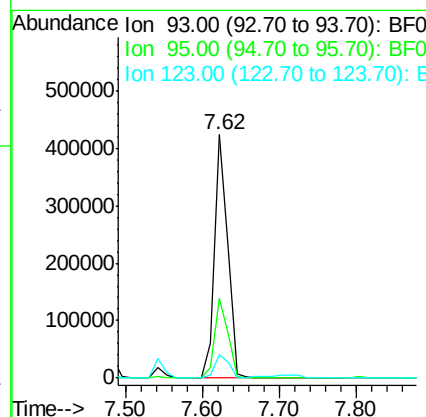
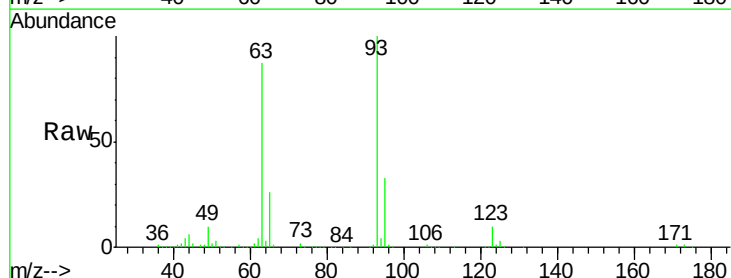
Manual Integrations
 APPROVED

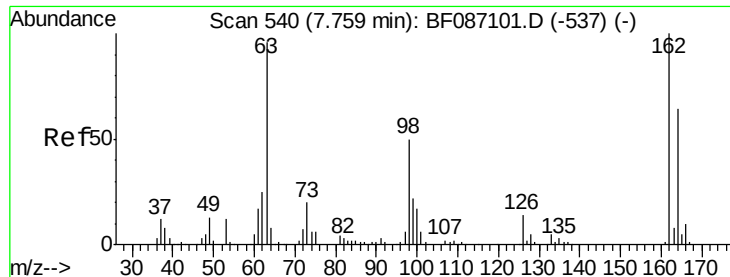
sohil
 5/20/2016 7:14:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.06 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	498246		
95	32.5	26.0	39.0	
123	9.7	9.5	14.3	





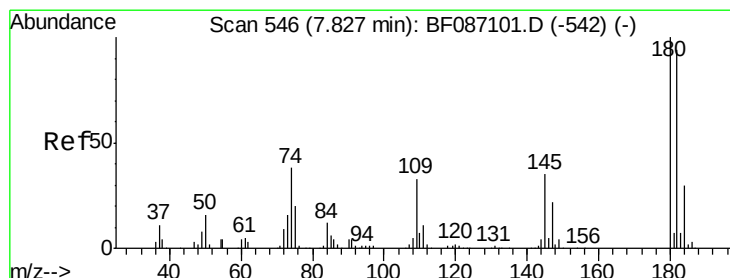
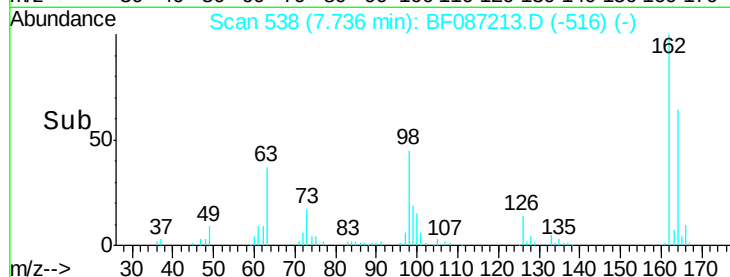
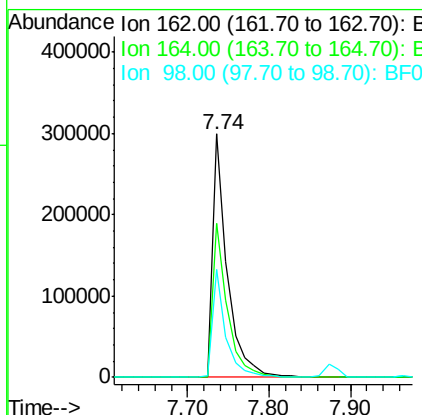
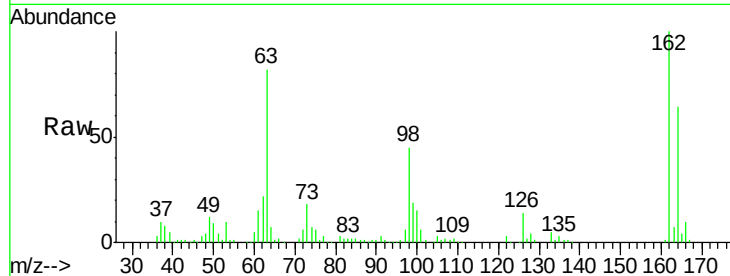
#29
 2,4-Dichlorophenol
 Concen: 52.24 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	162	Resp:	374353
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.2	82.2
98	44.5	19.0	59.0

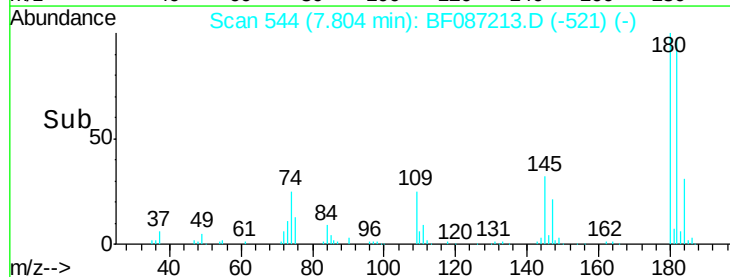
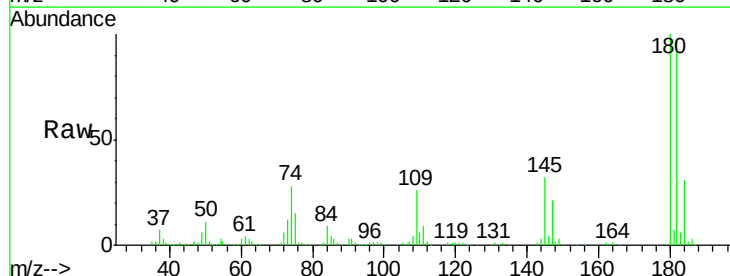
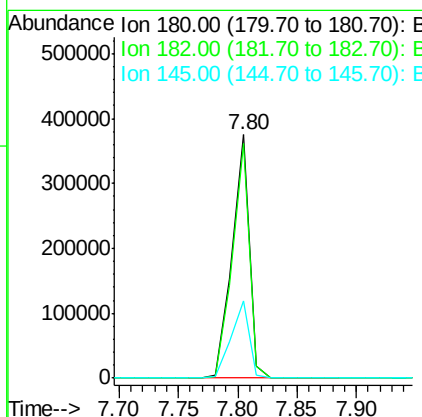
Manual Integrations
 APPROVED

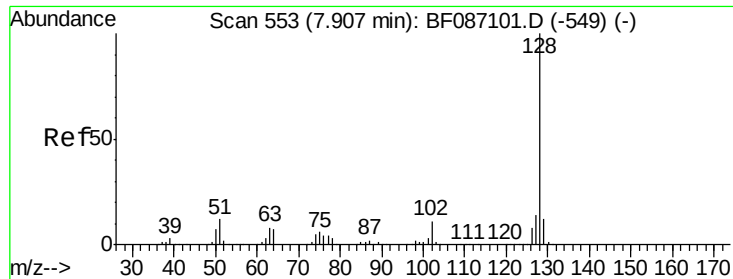
sohil
 5/20/2016 7:14:17 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.70 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion:	180	Resp:	379259
Ion Ratio	Lower	Upper	
180	100		
182	96.6	78.0	117.0
145	31.6	24.2	36.2





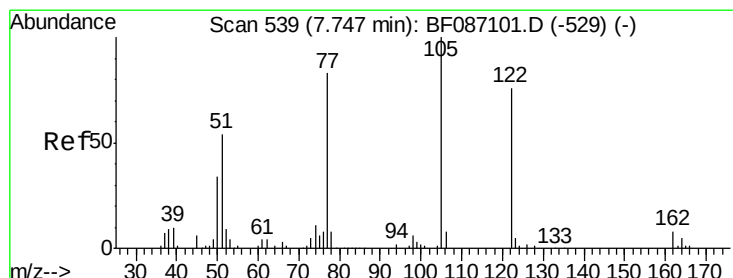
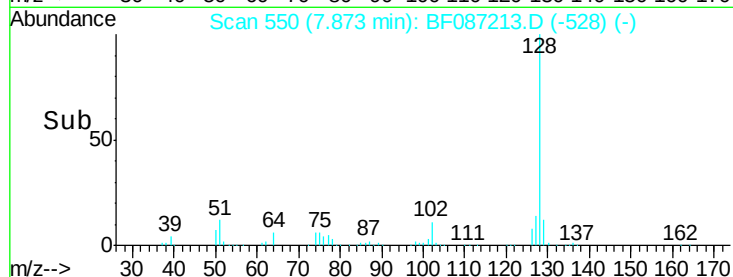
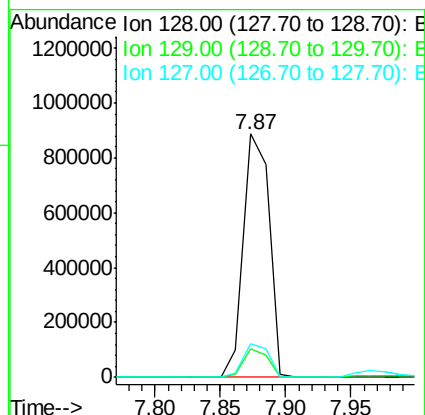
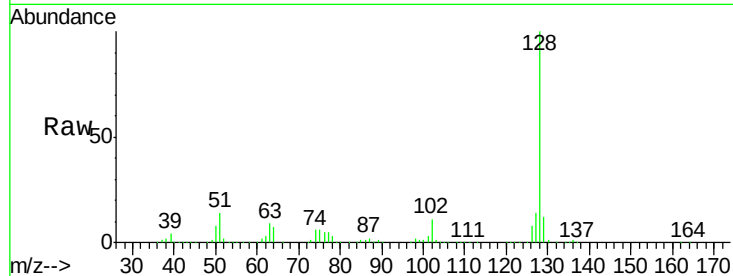
#31
Naphthalene
Concen: 47.73 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.9	10.8	16.2

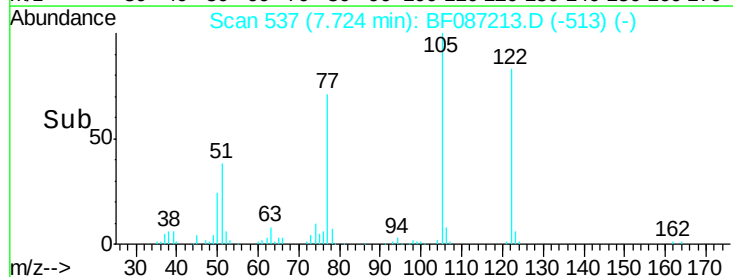
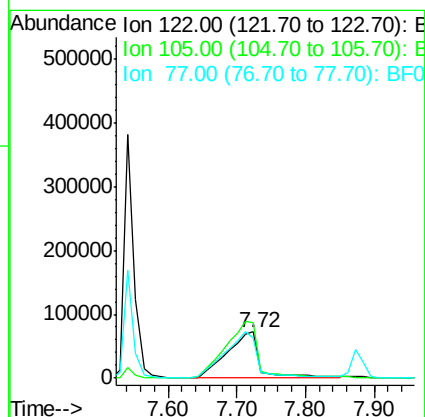
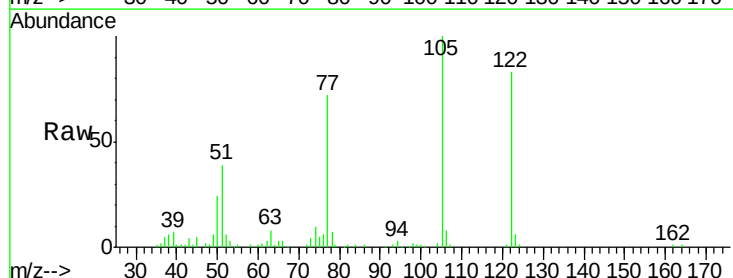
Manual Integrations
APPROVED

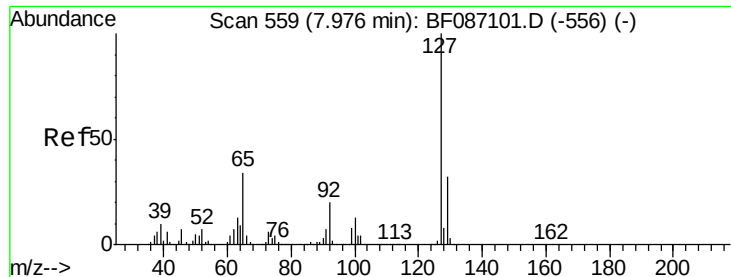
sohil
5/20/2016 7:14:17 PM



#32
Benzoic acid
Concen: 48.87 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	92.6	132.6
77	86.3	60.0	100.0





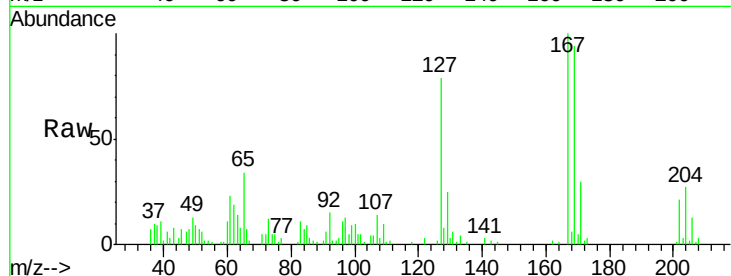
#33
4-Chloroaniline
Concen: 6.48 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

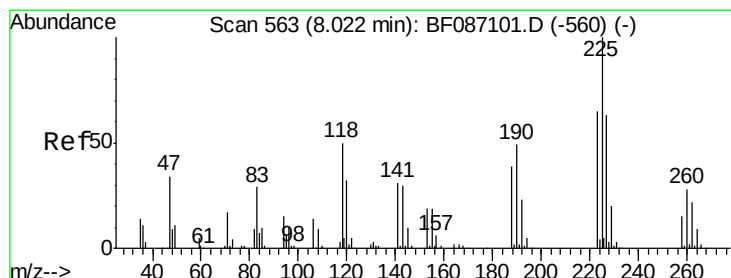
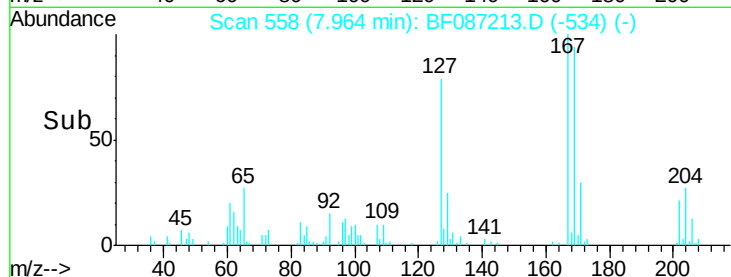
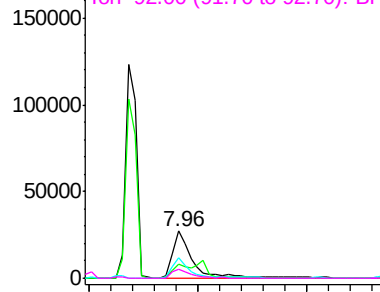
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	69126		
129	31.2	26.2	39.4	
65	42.7	23.0	34.4	
92	18.7	15.1	22.7	

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM

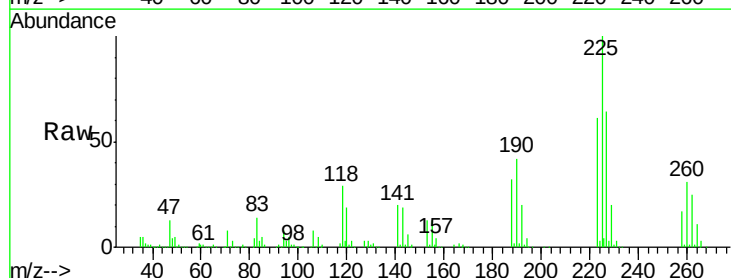


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

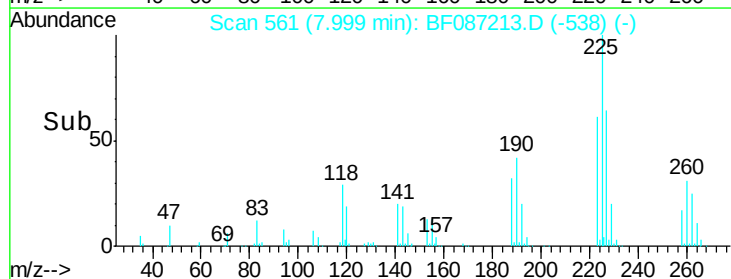
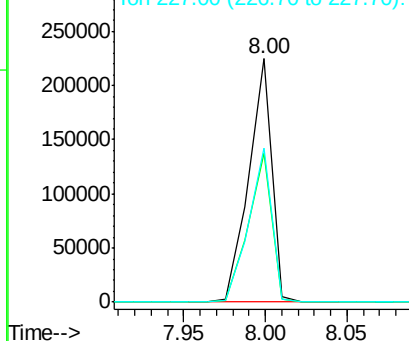


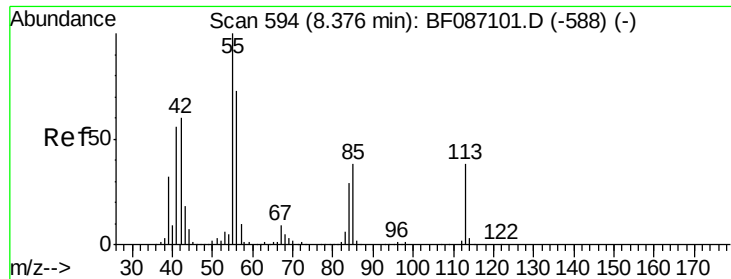
#34
Hexachlorobutadiene
Concen: 48.81 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	220243		
223	61.3	51.5	77.3	
227	63.5	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.22 ng m

RT: 8.34 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:113 Resp: 100741

Ion Ratio Lower Upper

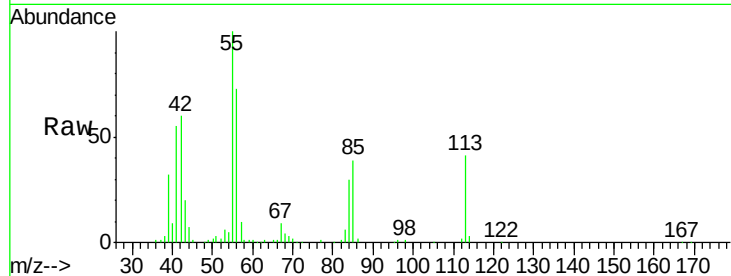
113 100

55 243.9 162.0 202.0#

56 177.7 115.3 155.3#

Manual Integrations
APPROVED

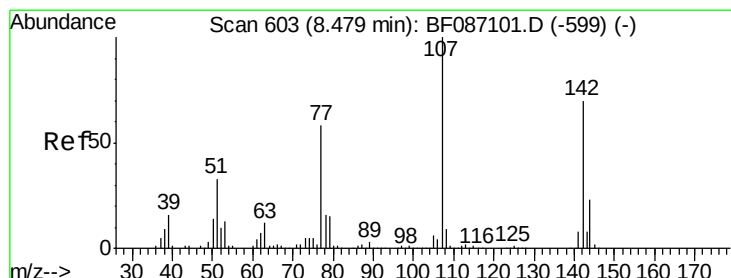
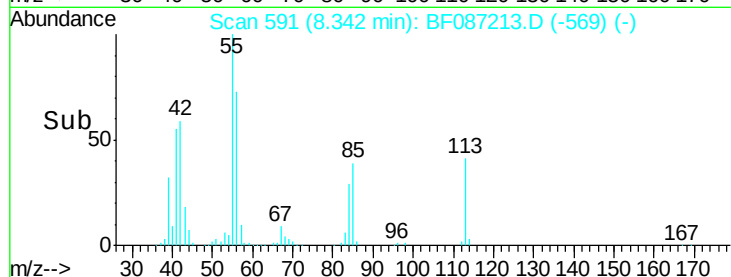
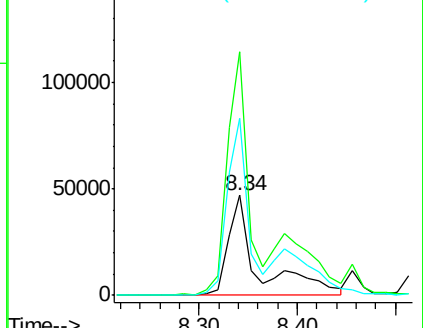
sohil
5/20/2016 7:14:17 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.28 ng

RT: 8.46 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

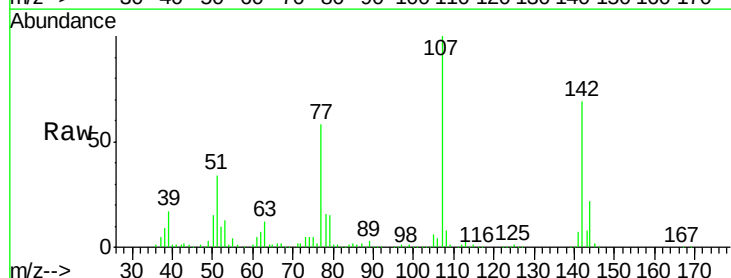
Tgt Ion:107 Resp: 382717

Ion Ratio Lower Upper

107 100

144 21.8 20.7 31.1

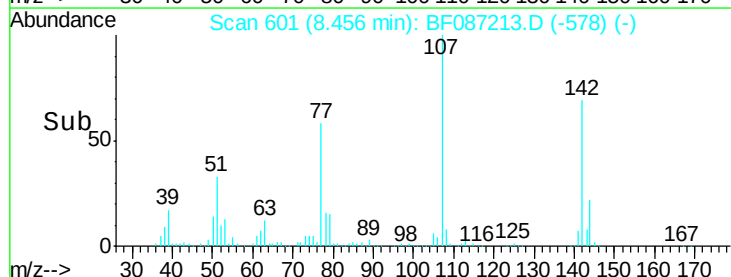
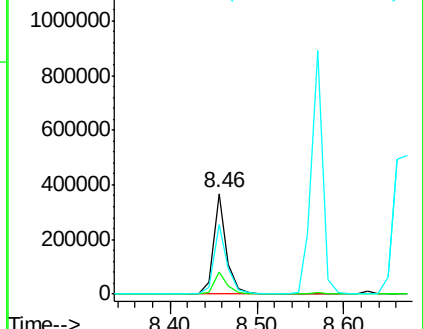
142 68.7 63.2 94.8

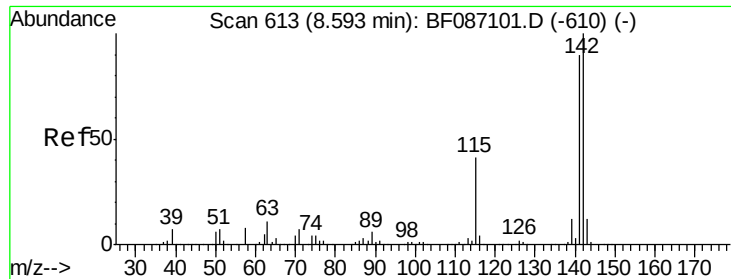


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





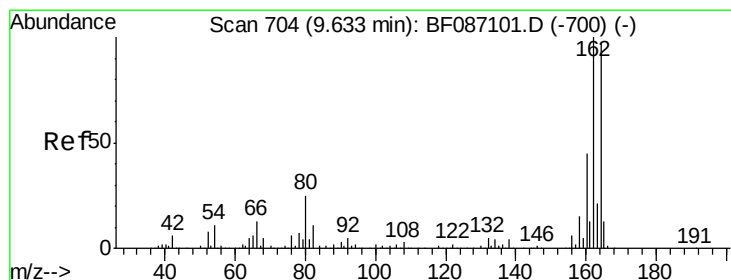
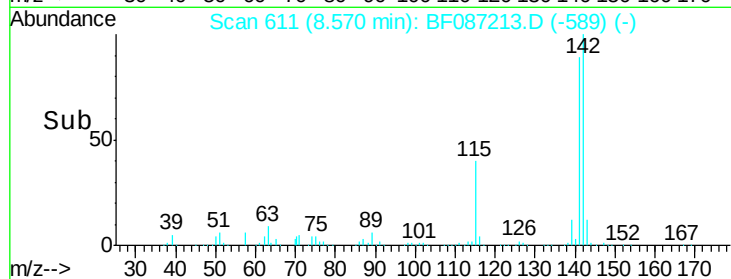
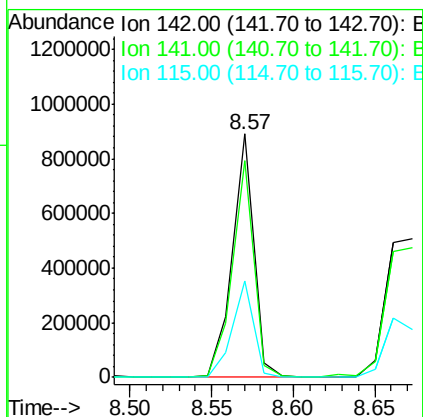
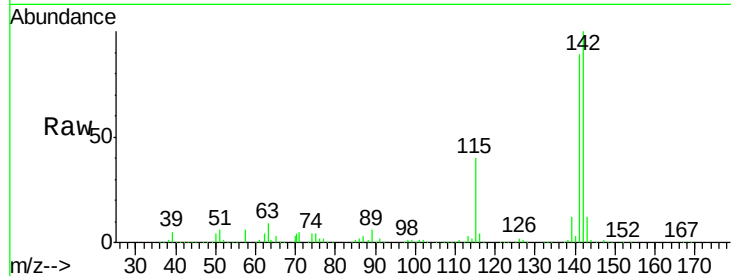
#37
2-Methylnaphthalene
Concen: 49.19 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	807154		
141	89.1	71.0	106.6	
115	39.8	26.6	39.8	

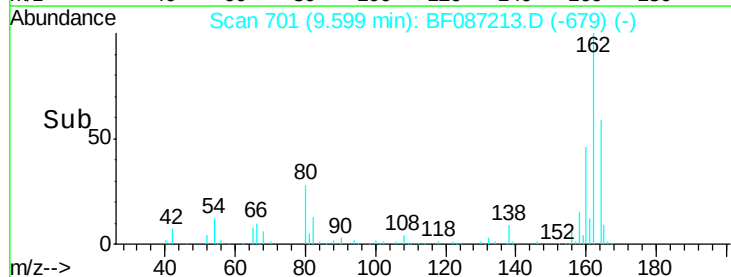
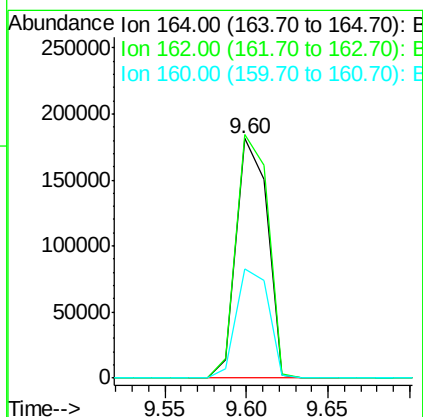
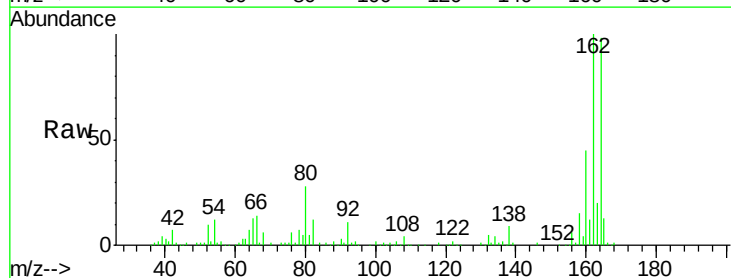
Manual Integrations
APPROVED

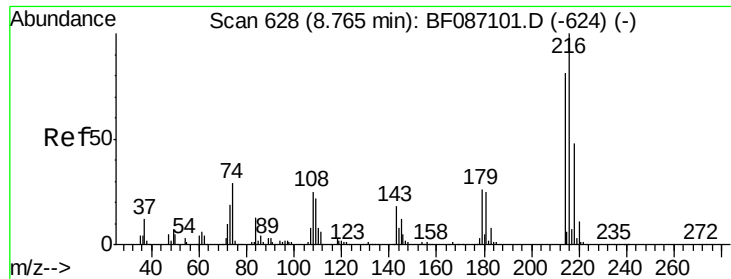
sohil
5/20/2016 7:14:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	238869		
162	101.8	82.8	124.2	
160	45.5	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.34 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

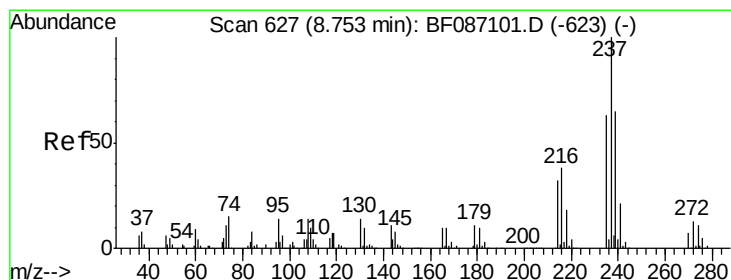
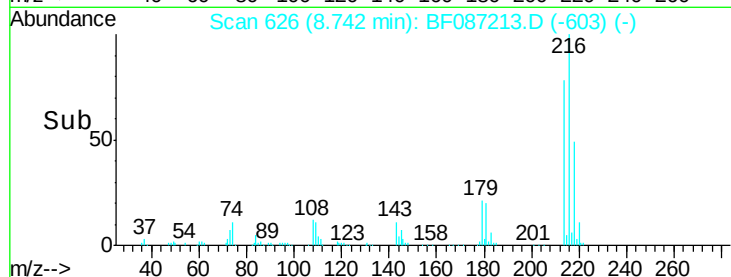
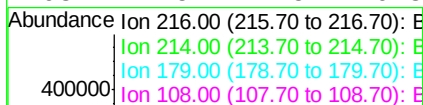
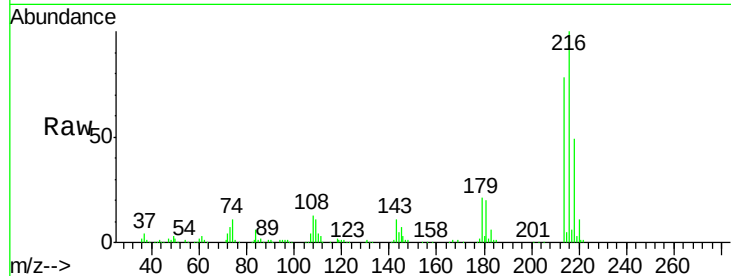
FB-BWR-BB-R10-C51(0-15FT)MS

Manual Integrations
APPROVED

sohil

5/20/2016 7:14:17 PM

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		344222		
214	79.3	62.6	93.8		
179	23.3	18.2	27.4		
108	21.5	17.5	26.3		



#40

Hexachlorocyclopentadiene

Concen: 47.17 ng

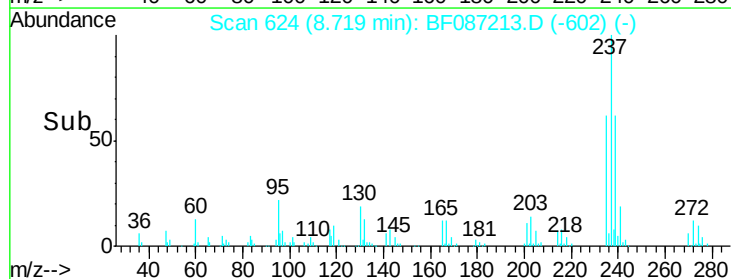
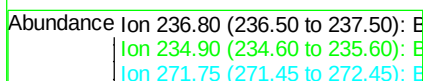
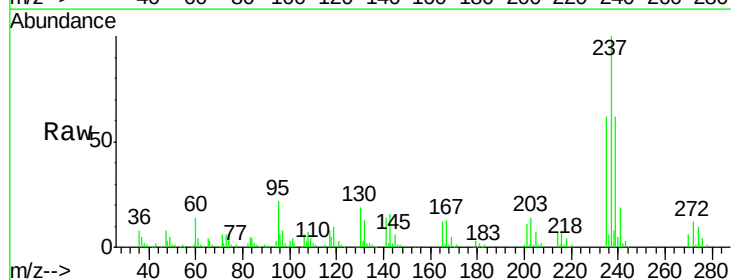
RT: 8.72 min Scan# 624

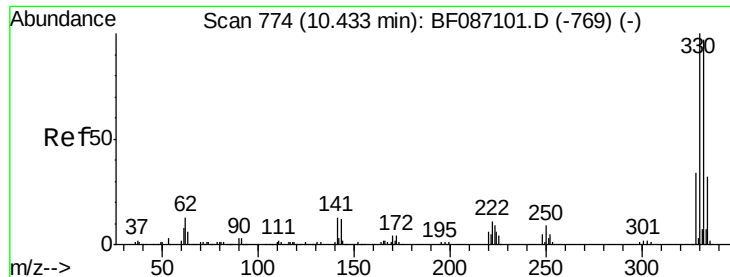
Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		117470		
235	61.8	47.2	87.2		
272	11.9	0.0	31.1		





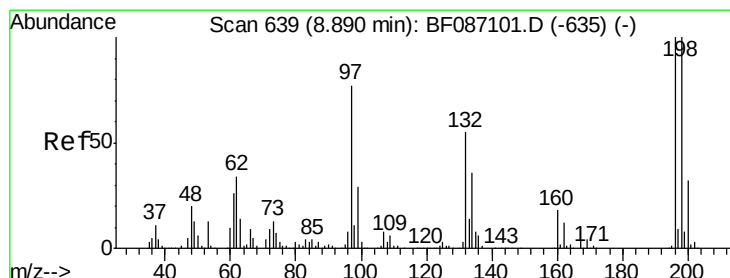
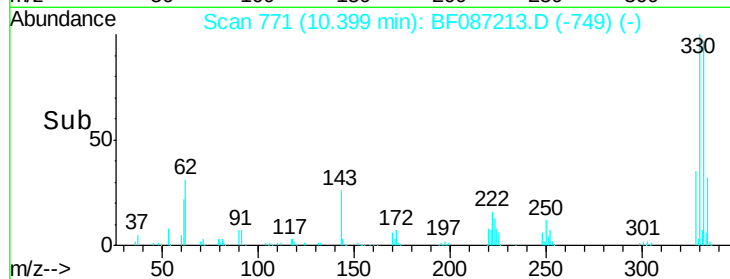
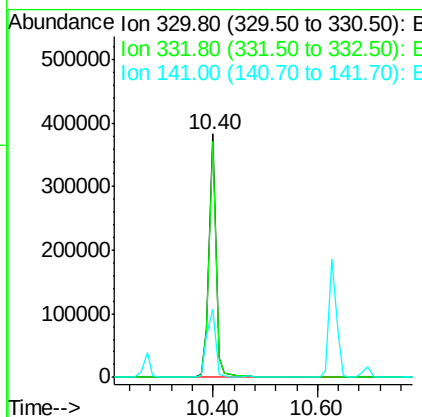
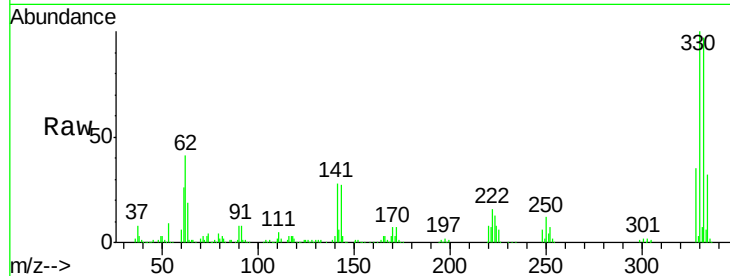
#41
 2,4,6-Tribromophenol
 Concen: 136.23 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	359589		
332	96.5	79.0	118.4	
141	35.3	31.2	46.8	

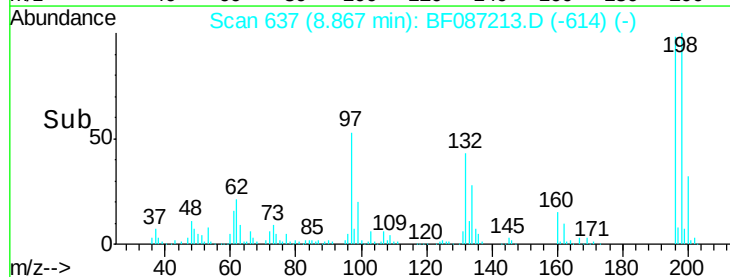
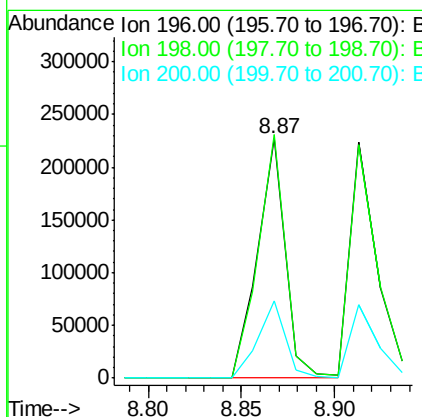
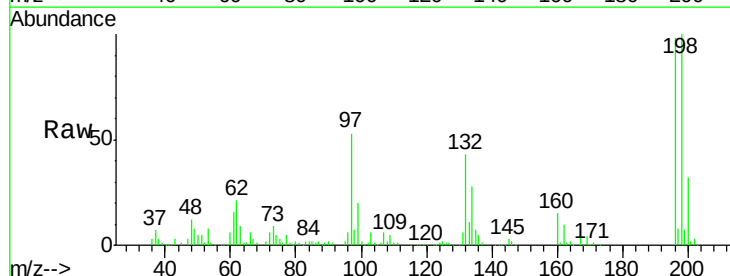
Manual Integrations
 APPROVED

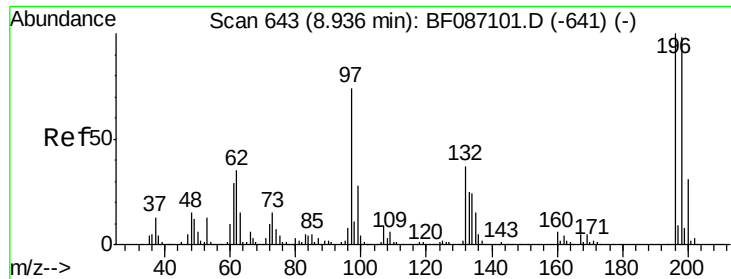
sohil
 5/20/2016 7:14:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 52.03 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235421		
198	101.7	74.7	112.1	
200	32.2	23.8	35.6	





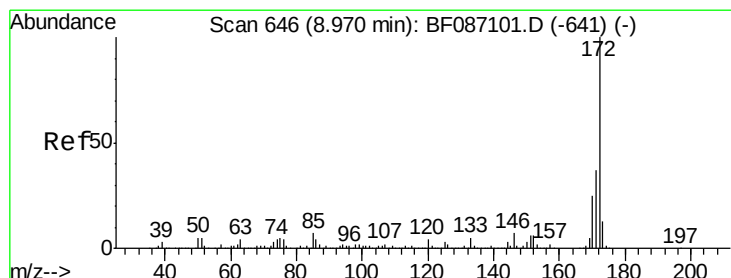
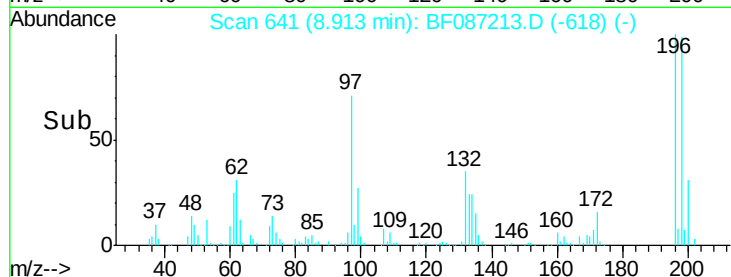
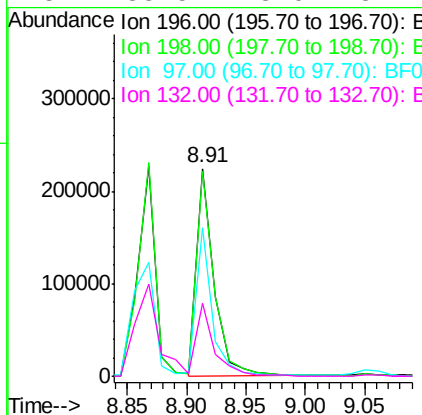
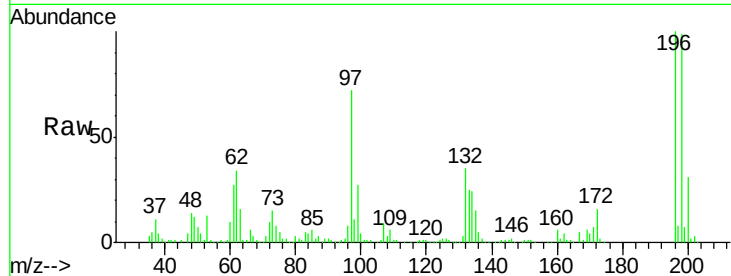
#43
 2,4,5-Trichlorophenol
 Concen: 49.85 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234293		
198	98.8	77.5	116.3	
97	71.8	34.8	52.2	
132	35.5	23.0	34.4	

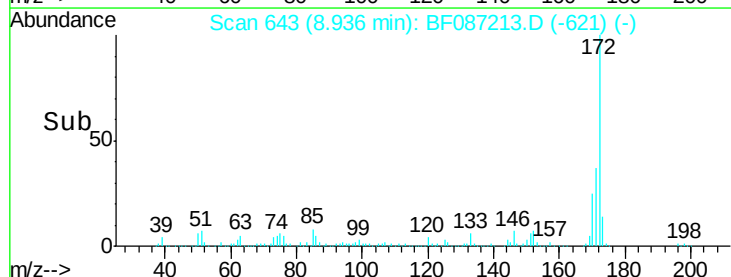
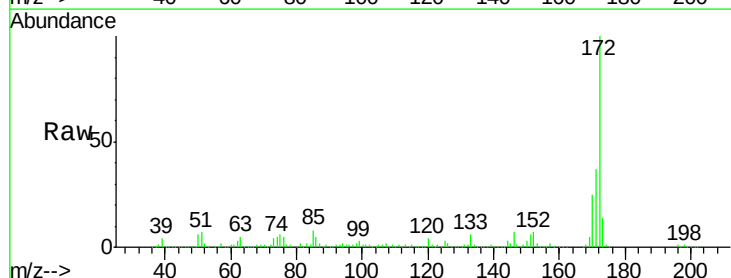
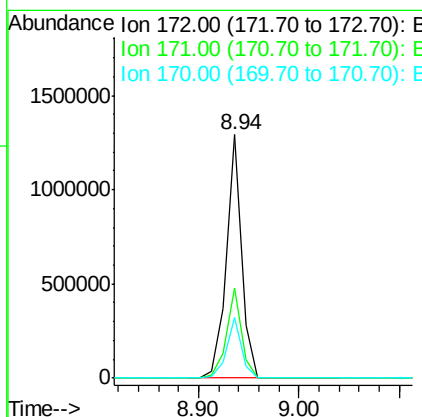
Manual Integrations
 APPROVED

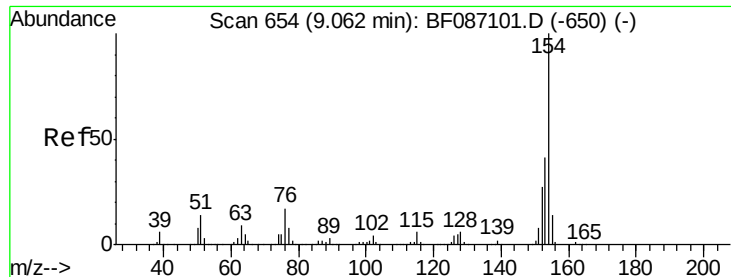
sohil
 5/20/2016 7:14:17 PM



#44
 2-Fluorobiphenyl
 Concen: 94.33 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1360595		
171	37.2	29.0	43.6	
170	25.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 51.77 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:154 Resp: 1025315

Ion Ratio Lower Upper

154 100

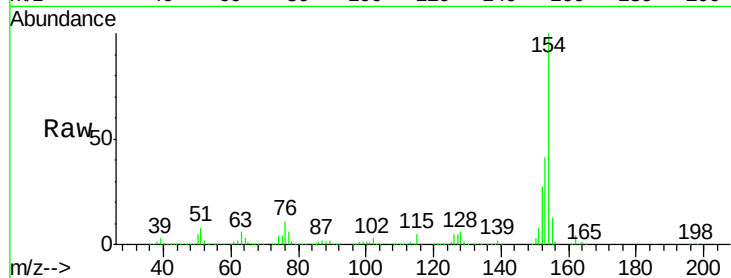
153 40.9 20.3 60.3

76 11.1 0.0 30.2

Manual Integrations
APPROVED

sohil

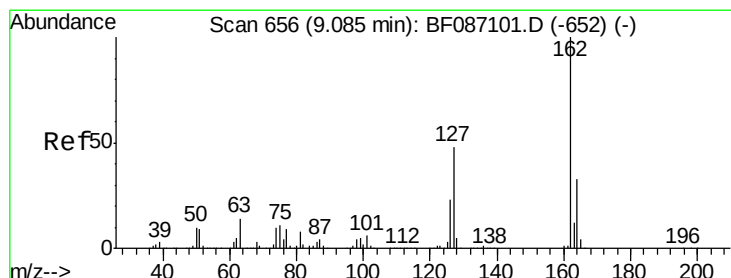
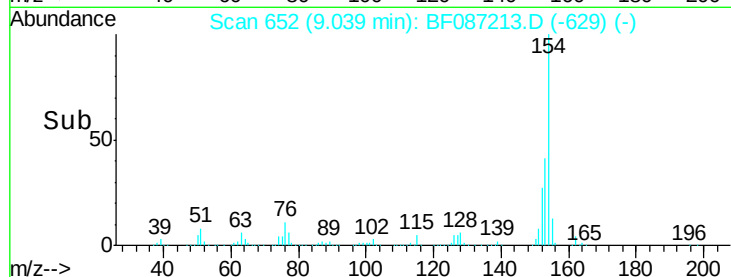
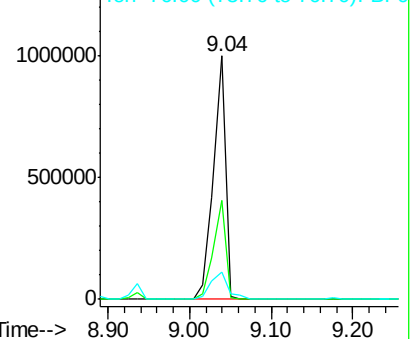
5/20/2016 7:14:17 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.48 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

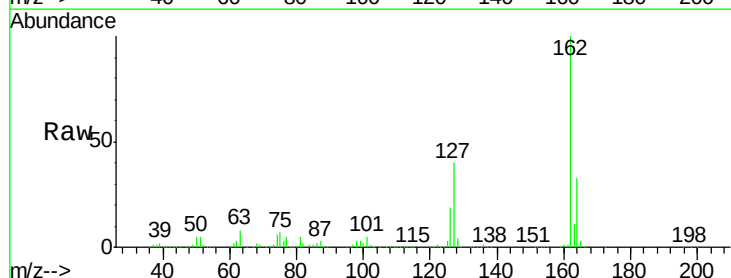
Tgt Ion:162 Resp: 767647

Ion Ratio Lower Upper

162 100

127 39.6 31.8 47.6

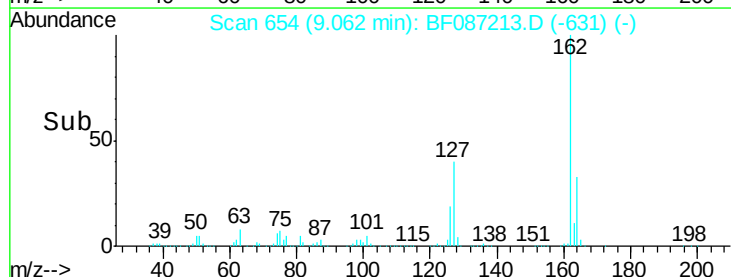
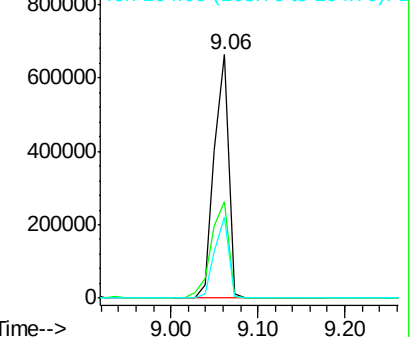
164 33.2 27.0 40.6

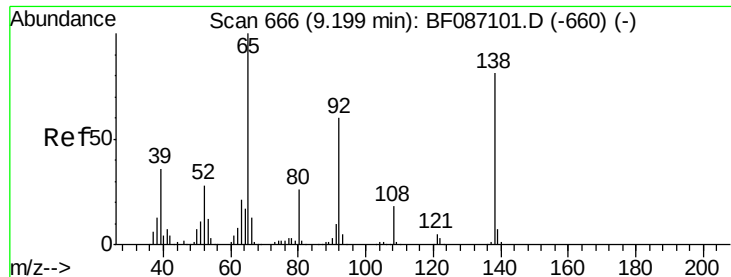


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





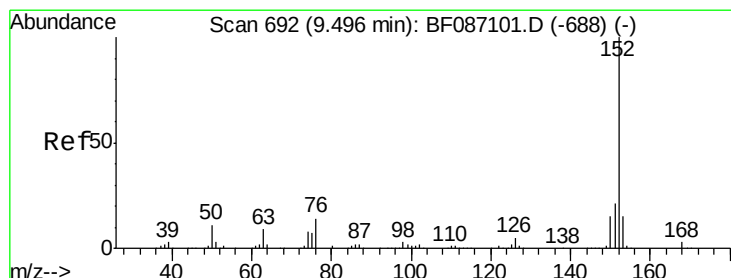
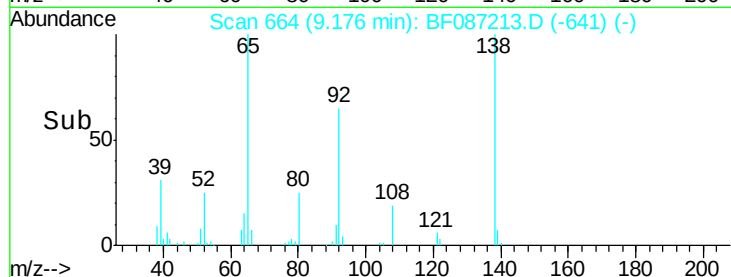
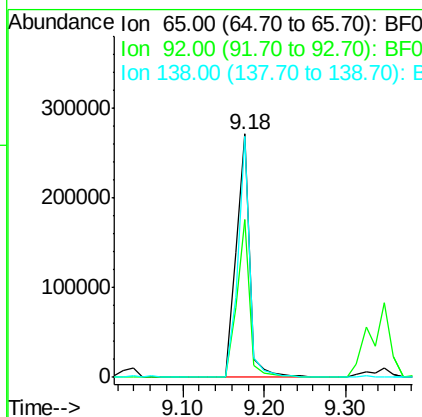
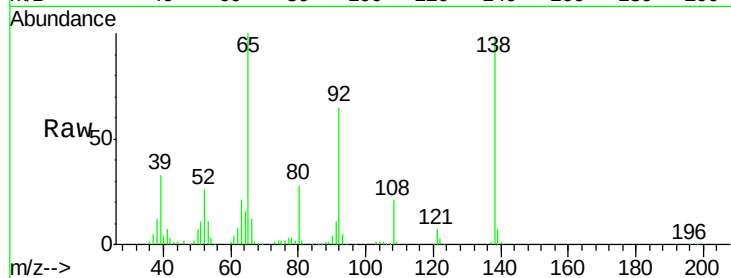
#47
2-Nitroaniline
Concen: 53.46 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	311504		
92	64.8	57.4	86.2	
138	99.1	90.1	135.1	

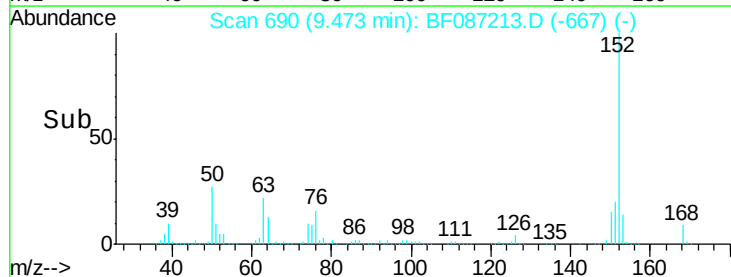
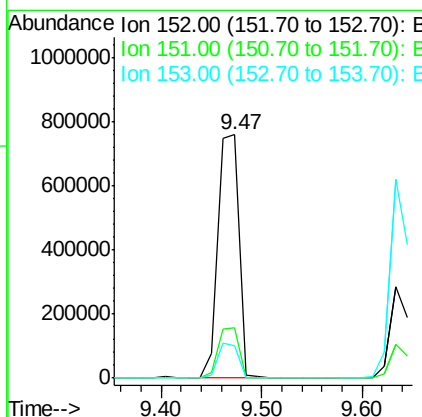
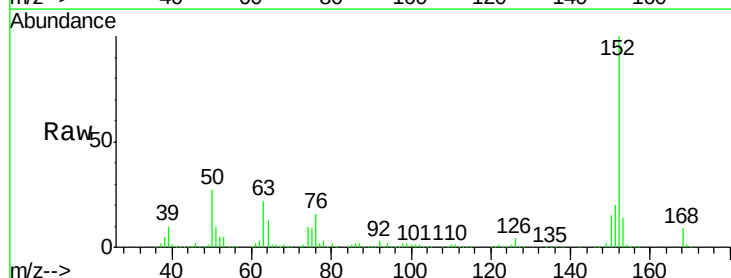
Manual Integrations
APPROVED

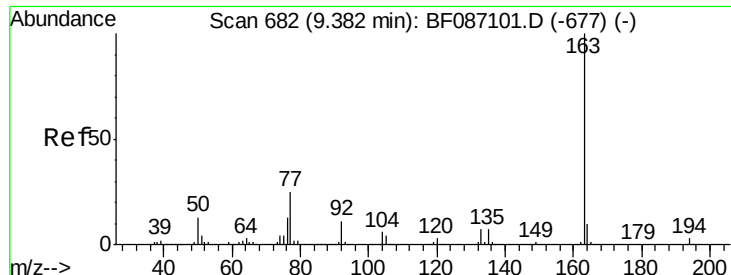
sohil
5/20/2016 7:14:17 PM



#48
Acenaphthylene
Concen: 47.53 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1103527		
151	20.5	16.8	25.2	
153	13.6	10.9	16.3	





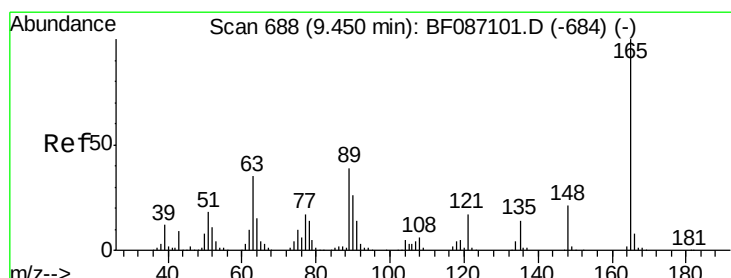
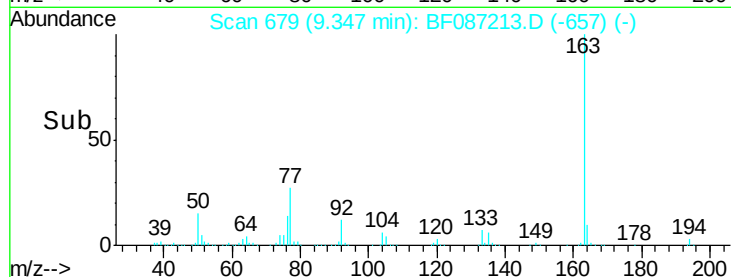
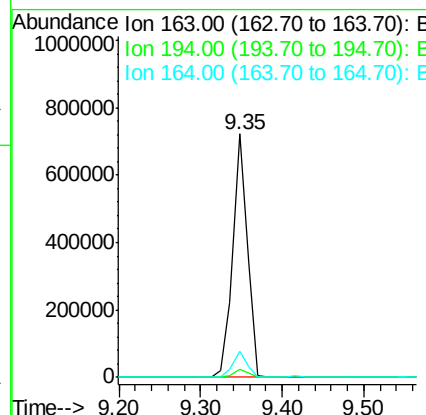
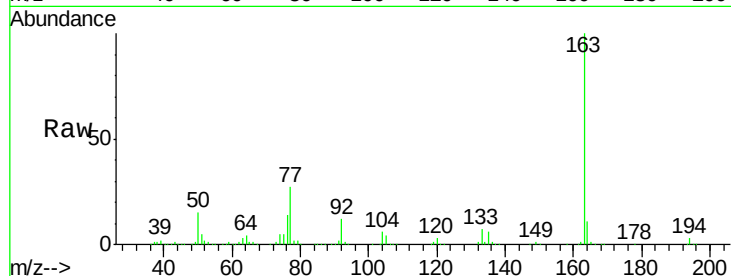
#49
Dimethylphthalate
Concen: 49.48 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.2	12.4

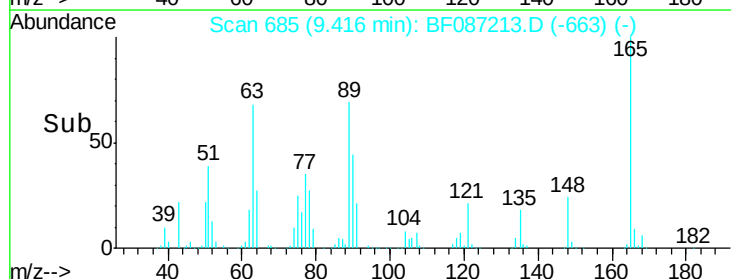
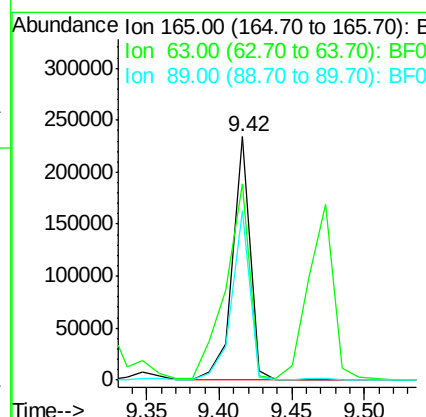
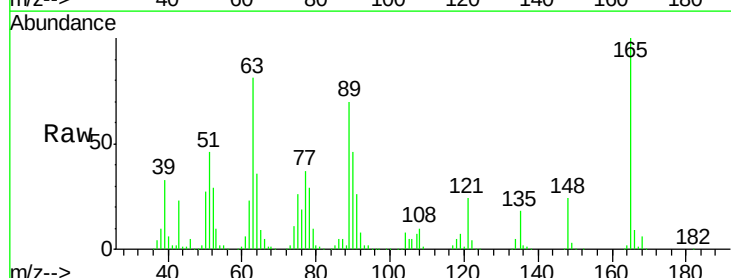
Manual Integrations
APPROVED

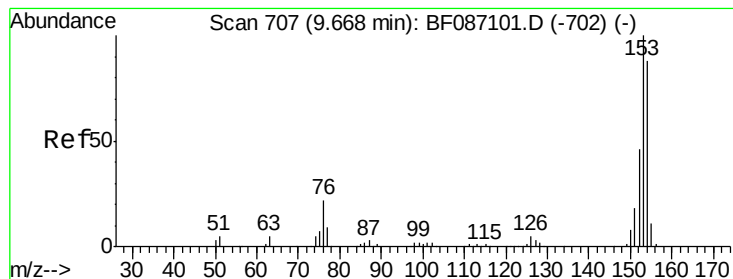
sohil
5/20/2016 7:14:17 PM



#50
2,6-Dinitrotoluene
Concen: 49.81 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	80.7	51.8	77.8#
89	69.7	50.7	76.1





#51

Acenaphthene

Concen: 46.98 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF087213.D

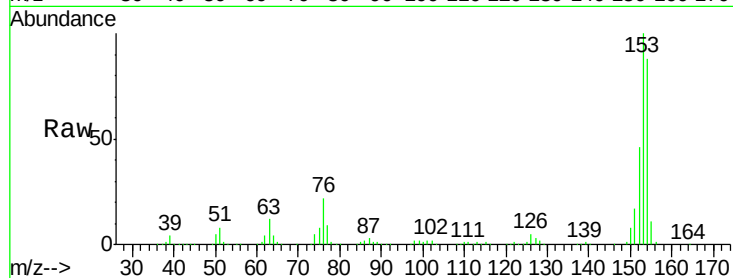
Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

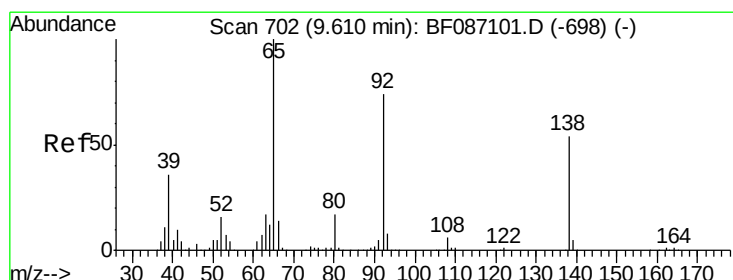
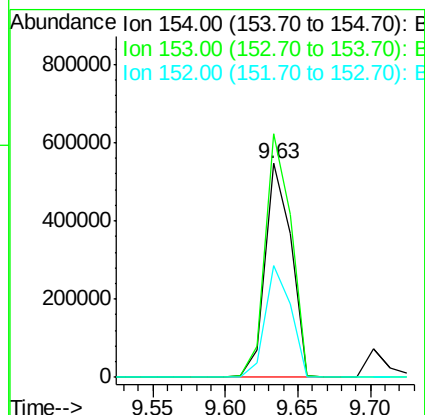
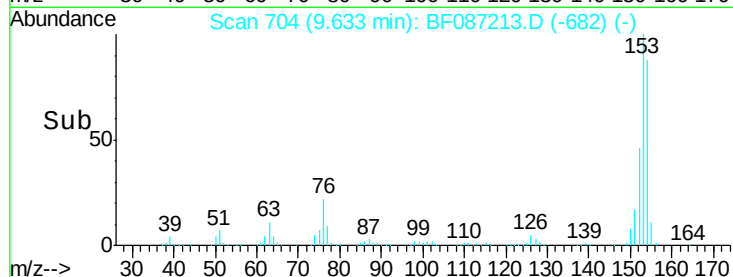
FB-BWR-BB-R10-C51(0-15FT)MS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.0	89.8	134.6	
152	52.2	43.4	65.0	

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#52

3-Nitroaniline

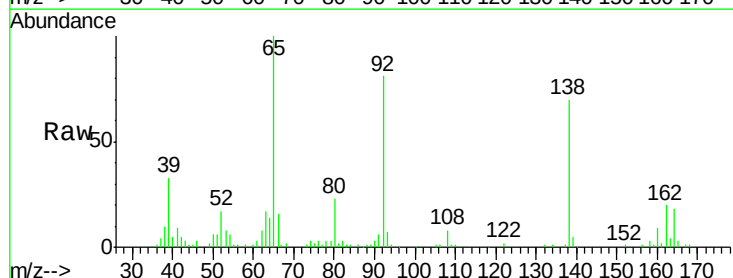
Concen: 14.66 ng

RT: 9.59 min Scan# 700

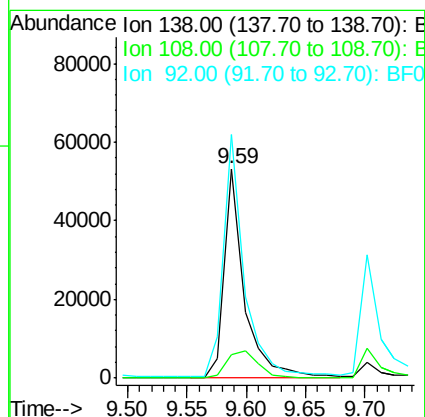
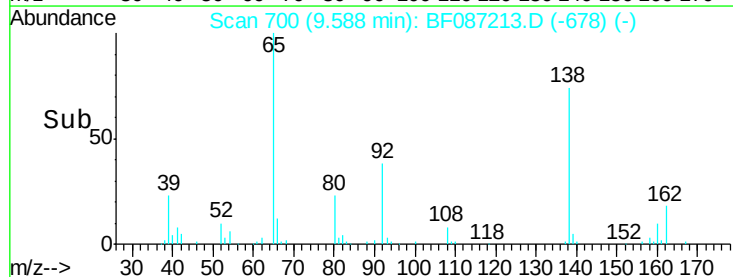
Delta R.T. -0.05 min

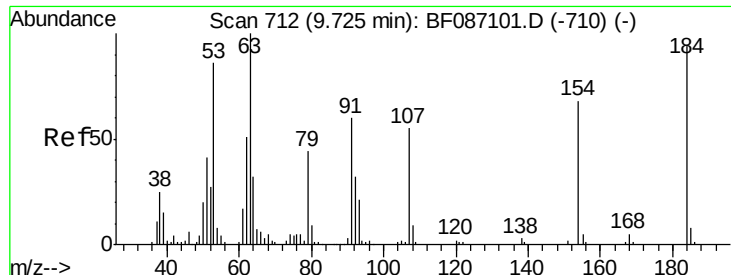
Lab File: BF087213.D

Acq: 20 May 2016 5:40



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.3	7.8	11.6	
92	116.4	87.8	131.8	





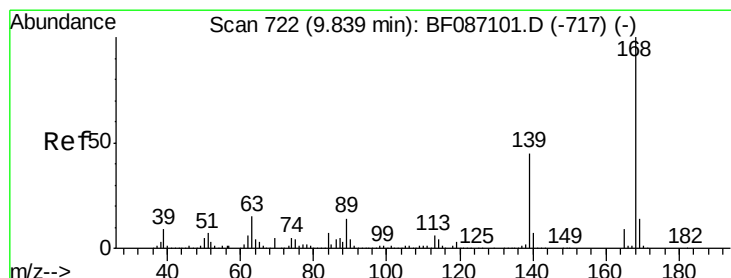
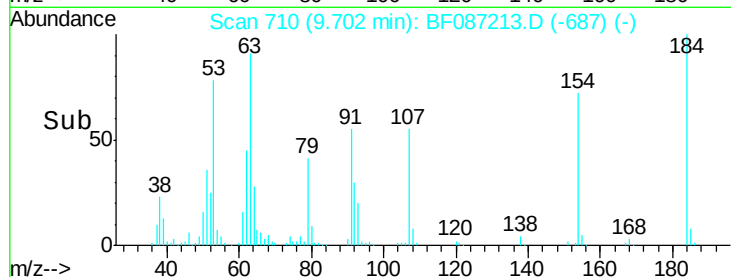
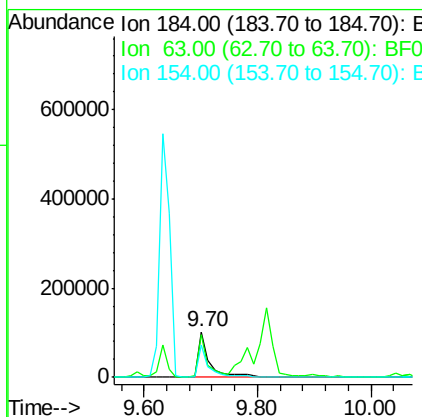
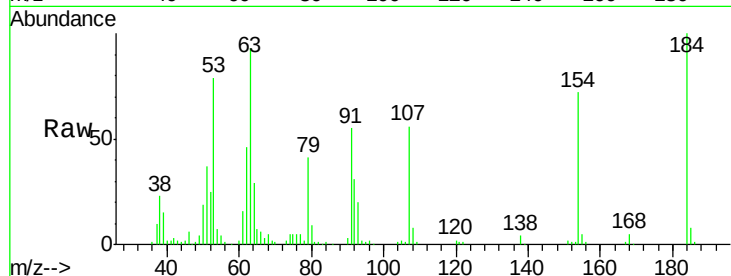
#53
 2,4-Dinitrophenol
 Concen: 63.35 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	141245		
63	92.8	55.8	83.8#	
154	71.6	62.4	93.6	

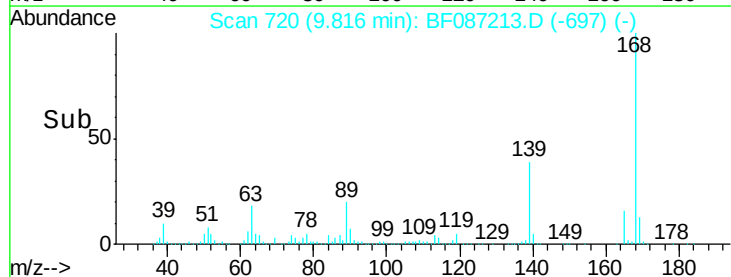
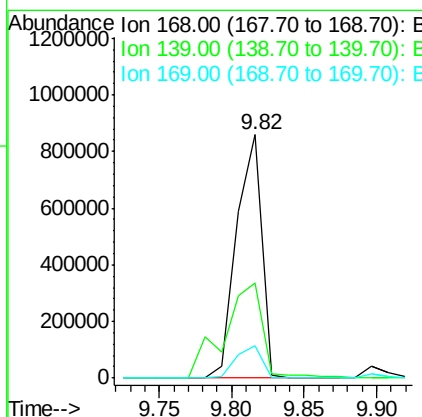
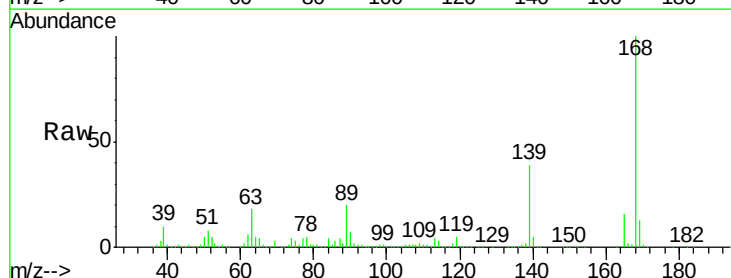
Manual Integrations
 APPROVED

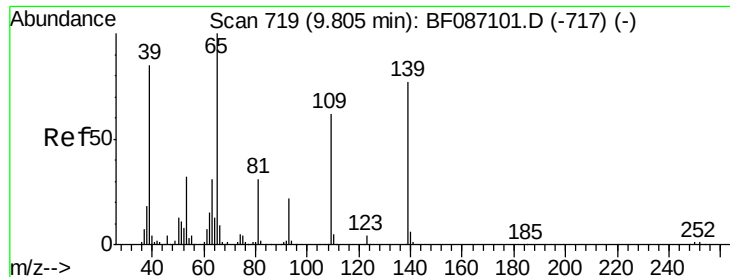
sohil
 5/20/2016 7:14:17 PM



#54
 Dibenzofuran
 Concen: 55.24 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1036201		
139	39.3	31.4	47.0	
169	13.1	10.7	16.1	





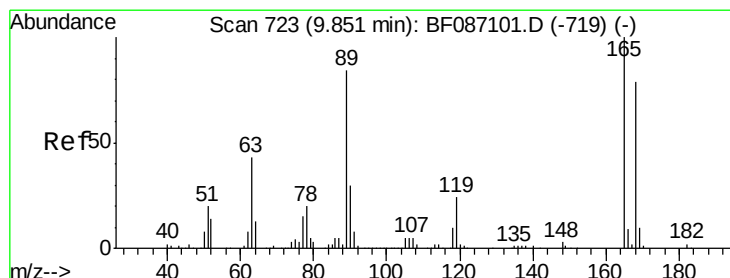
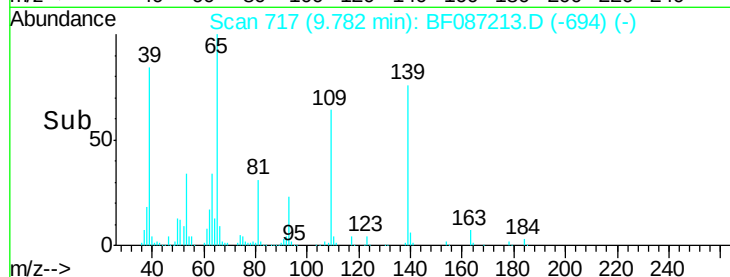
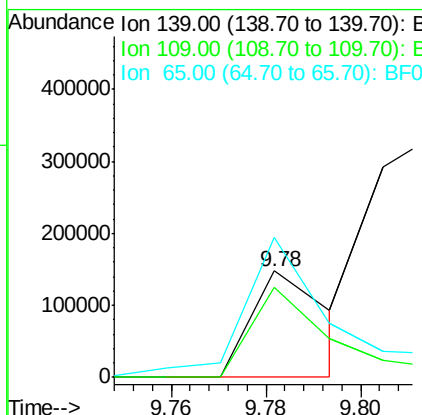
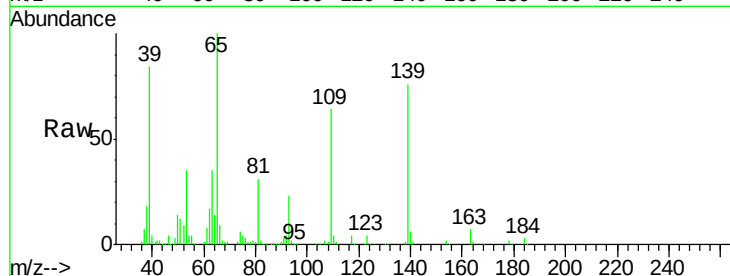
#55
4-Nitrophenol
Concen: 61.81 ng m
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	164681		
109	84.2	36.9	76.9#	
65	132.3	64.0	104.0#	

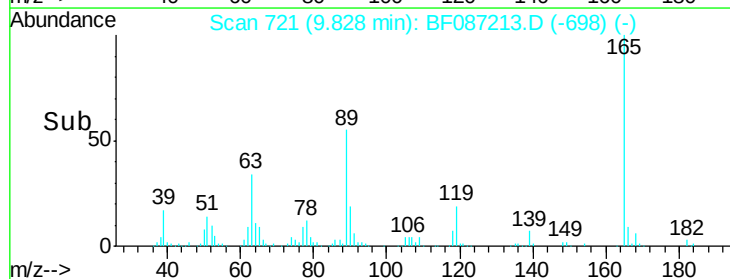
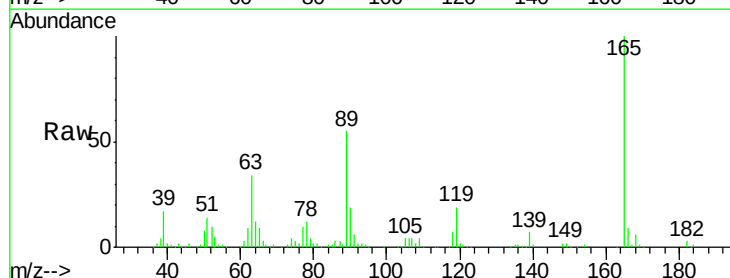
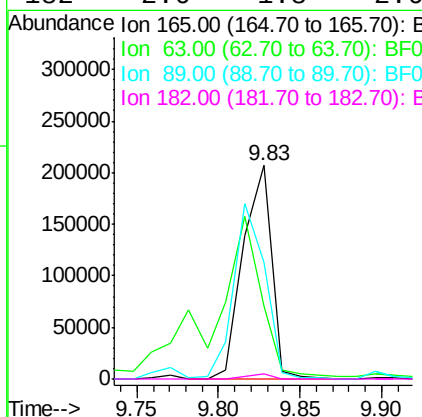
Manual Integrations
APPROVED

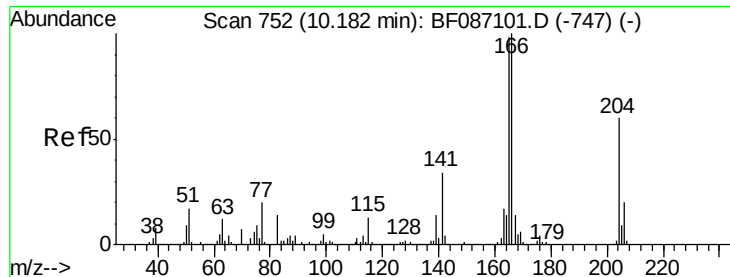
sohil
5/20/2016 7:14:17 PM



#56
2,4-Dinitrotoluene
Concen: 49.44 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	250524		
63	34.4	44.3	66.5#	
89	54.8	70.0	105.0#	
182	2.6	1.8	2.6	





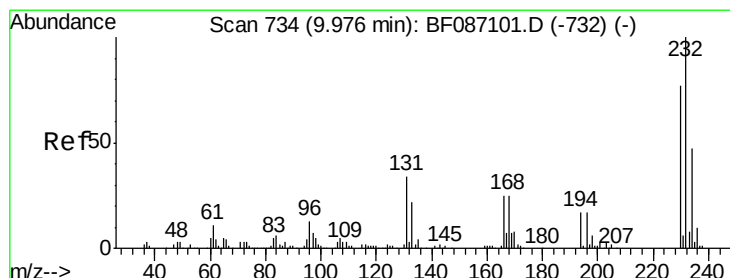
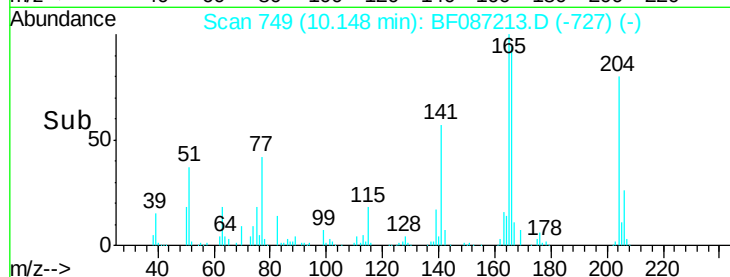
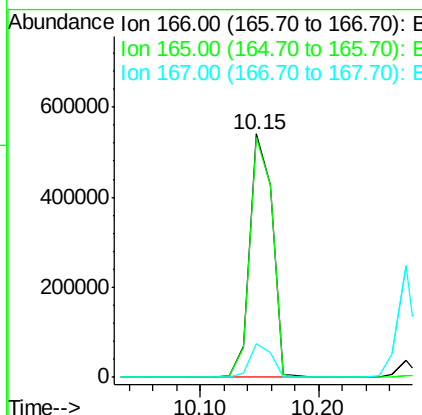
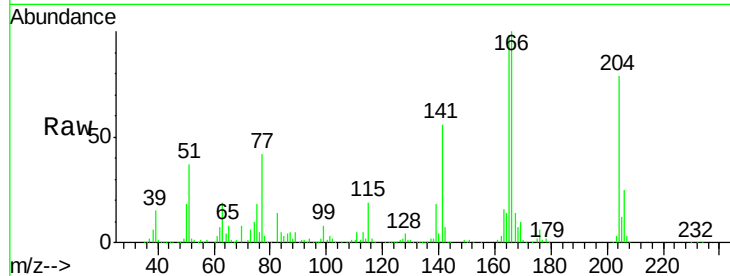
#57
Fluorene
 Concen: 47.76 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	719704		
165	98.5	79.0	118.6	
167	13.8	10.6	15.8	

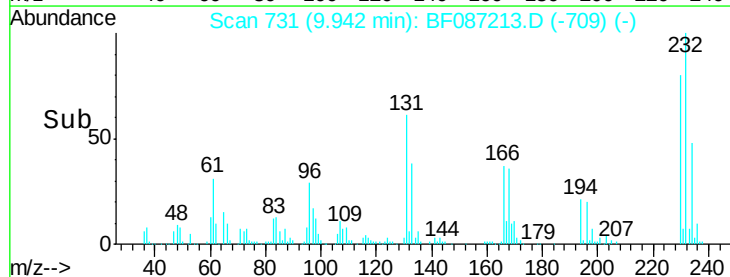
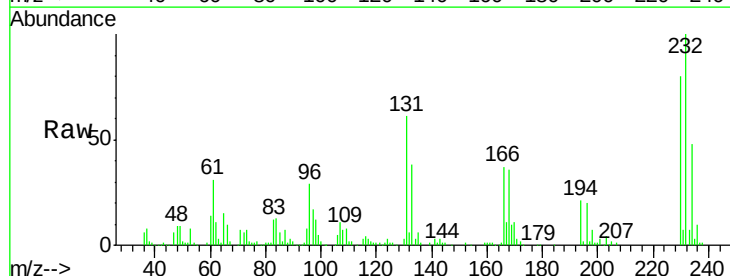
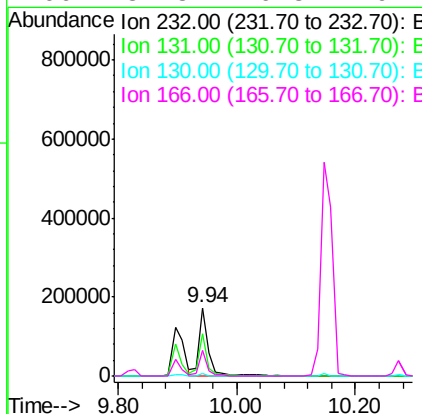
Manual Integrations
 APPROVED

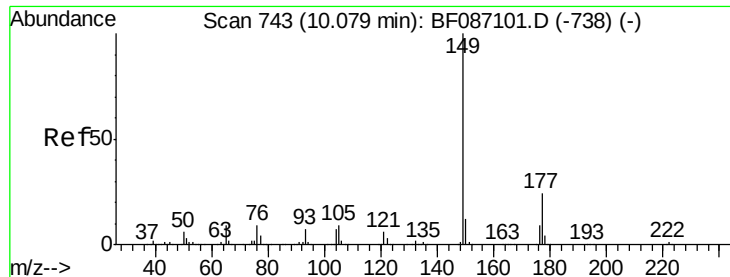
sohil
 5/20/2016 7:14:17 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.35 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	195294		
131	53.6	41.9	62.9	
130	2.7	2.2	3.4	
166	31.8	26.8	40.2	





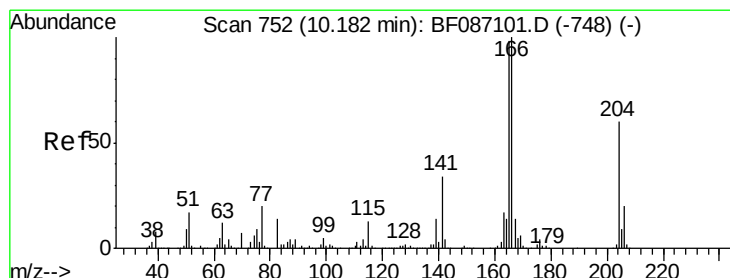
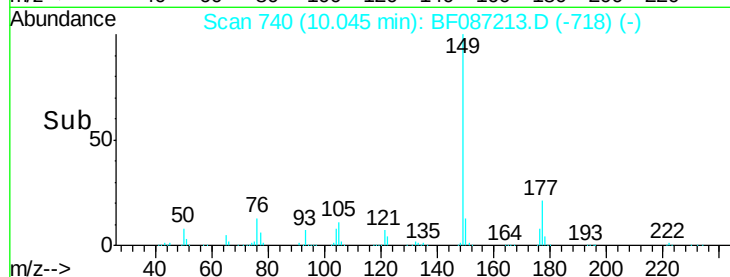
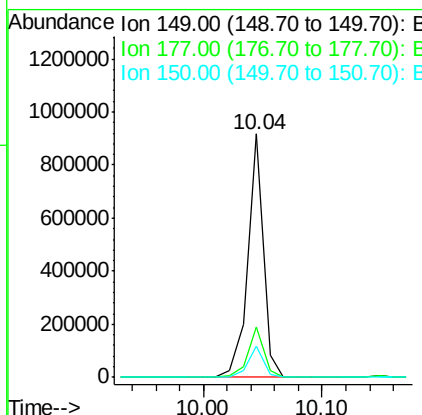
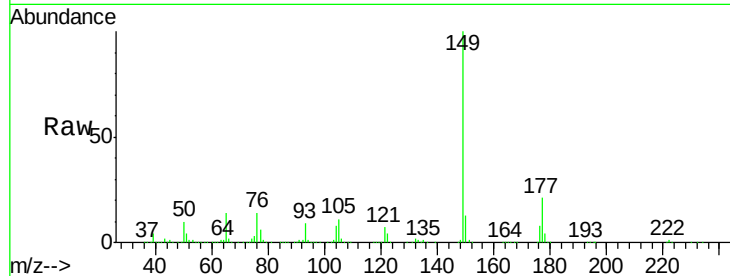
#59
Diethylphthalate
Concen: 48.58 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	845092		
177	20.9	16.6	24.8	
150	12.9	10.0	15.0	

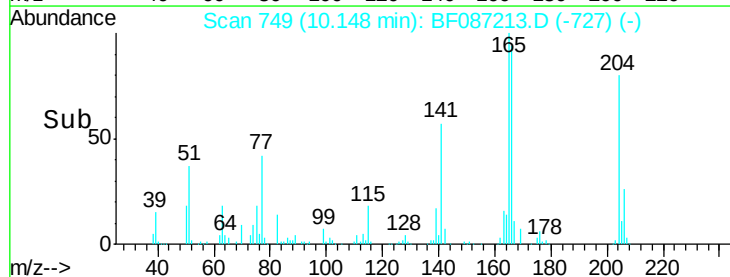
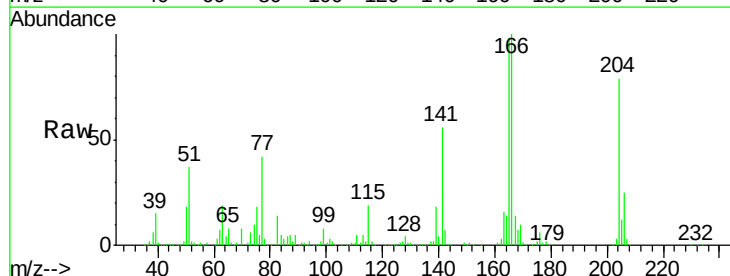
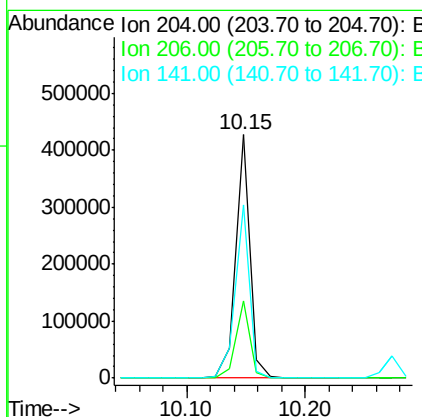
Manual Integrations
APPROVED

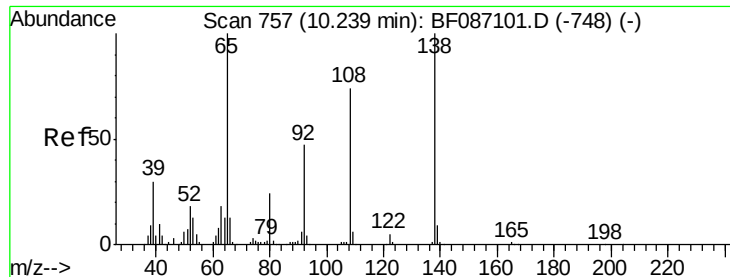
sohil
5/20/2016 7:14:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.73 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	355273		
206	31.9	25.4	38.0	
141	70.9	61.6	92.4	





#61

4-Nitroaniline

Concen: 37.06 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

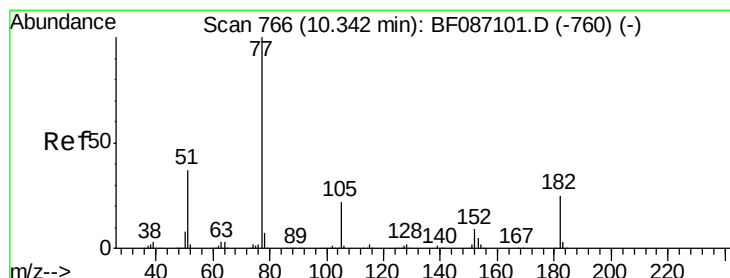
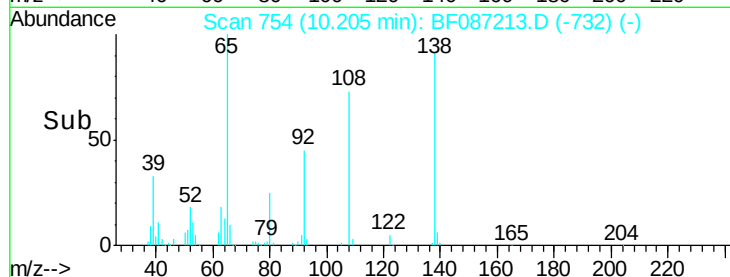
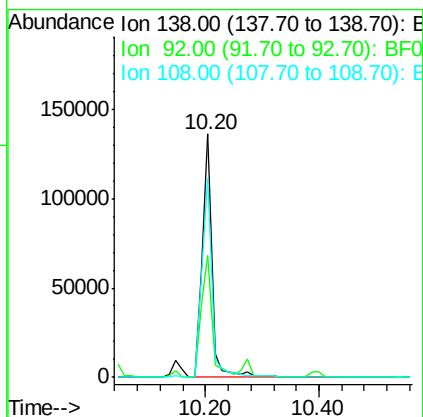
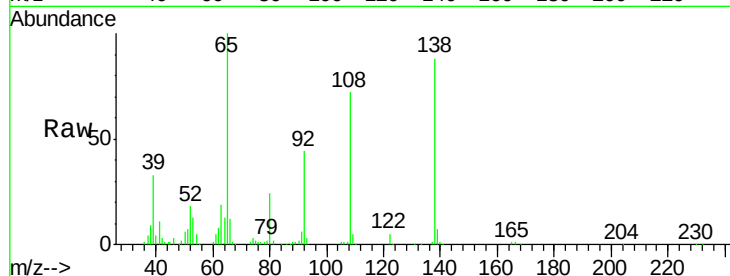
FB-BWR-BB-R10-C51(0-15FT)MS

Manual Integrations
APPROVED

sohil

5/20/2016 7:14:17 PM

Tgt Ion:	138	Resp:	156716
Ion Ratio	Lower	Upper	
138	100		
92	50.2	24.7	64.7
108	81.6	37.4	77.4#



#62

Azobenzene

Concen: 50.68 ng

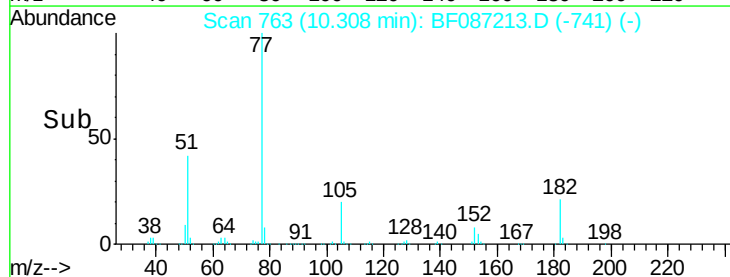
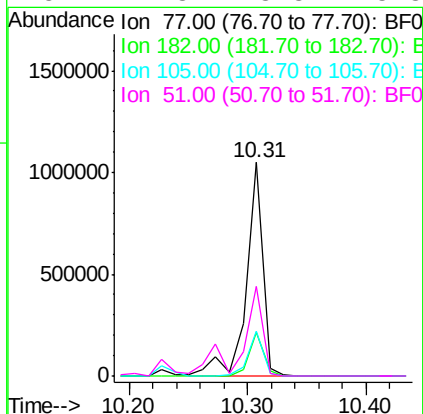
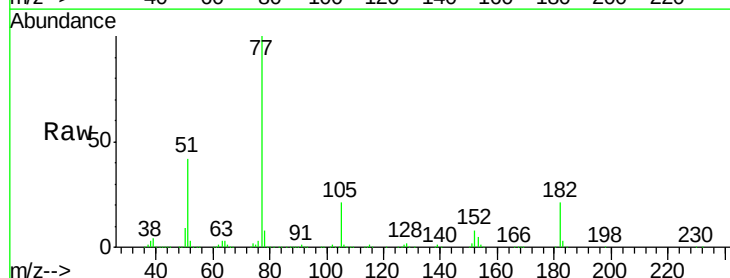
RT: 10.31 min Scan# 763

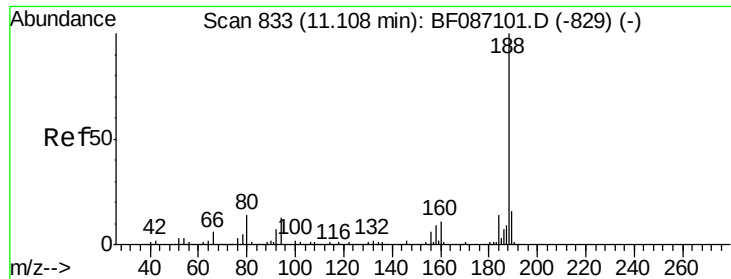
Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion:	77	Resp:	1015942
Ion Ratio	Lower	Upper	
77	100		
182	20.6	0.0	38.8
105	20.8	3.2	43.2
51	41.8	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

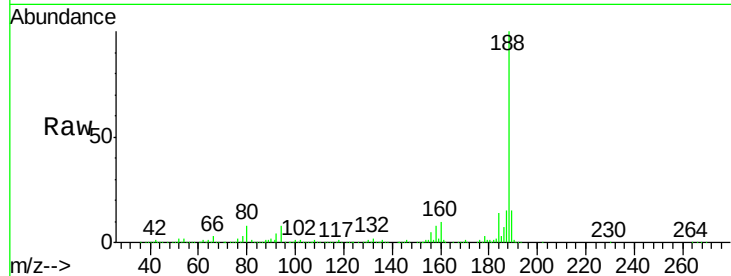
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	188	Resp:	407067
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.8	10.2
80	8.3	7.1	10.7

Manual Integrations
APPROVED

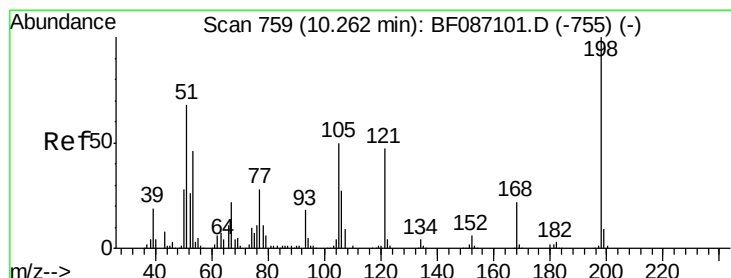
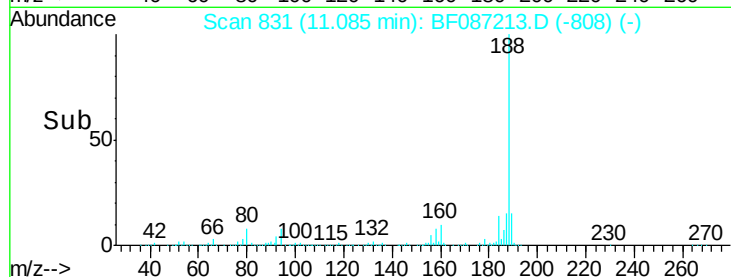
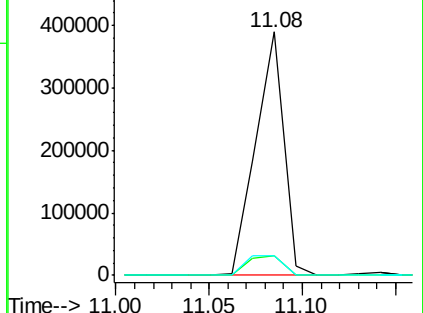
sohil
5/20/2016 7:14:17 PM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 34.76 ng

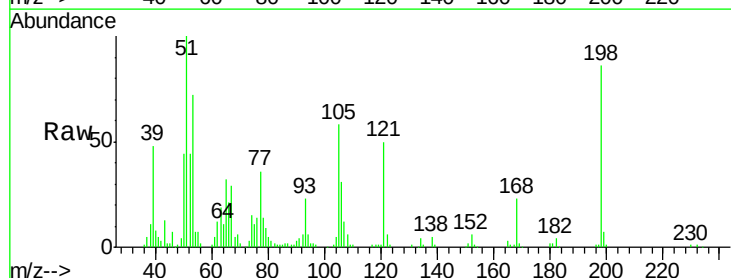
RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

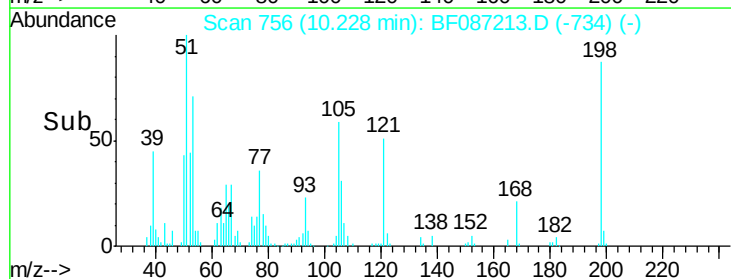
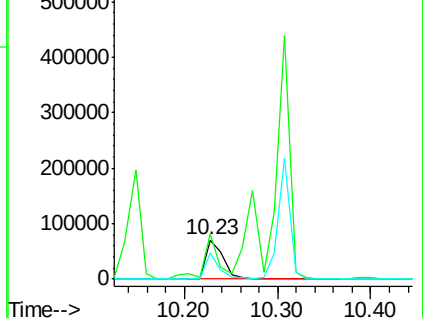
Tgt Ion:	198	Resp:	93185
Ion Ratio	Lower	Upper	
198	100		
51	116.5	20.5	60.5#
105	68.1	24.5	64.5#

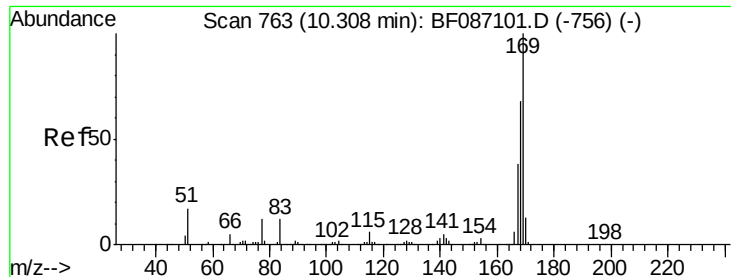


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.98 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

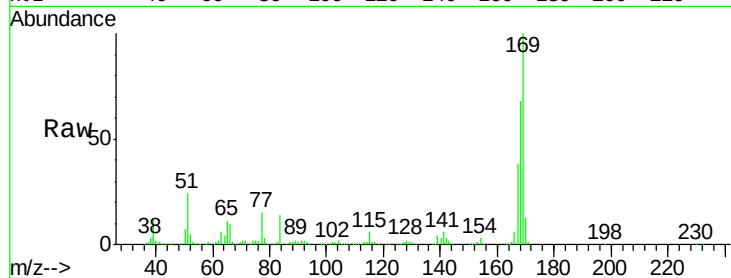
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

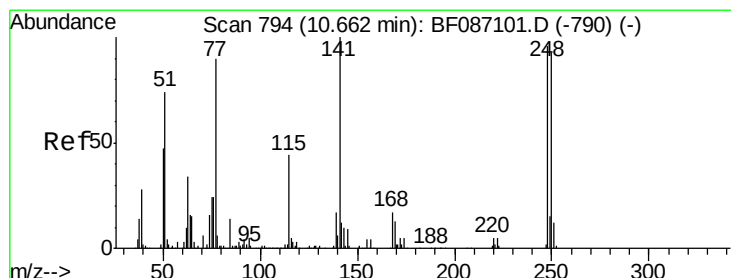
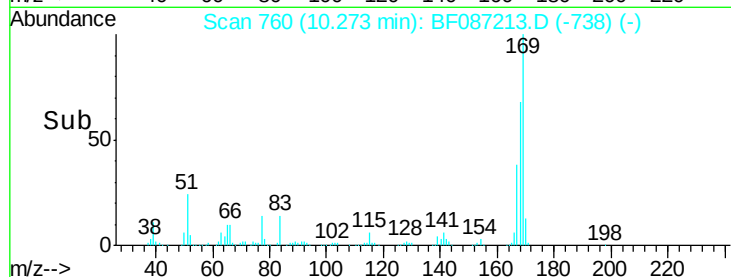
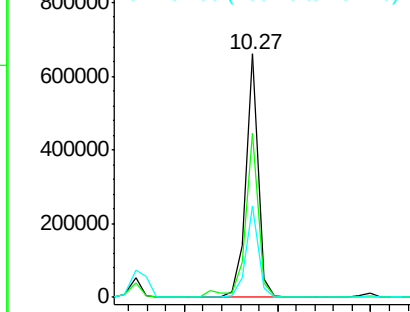
Tgt Ion:	169	Resp:	601772
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.8	80.6
167	37.7	29.5	44.3

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.53 ng

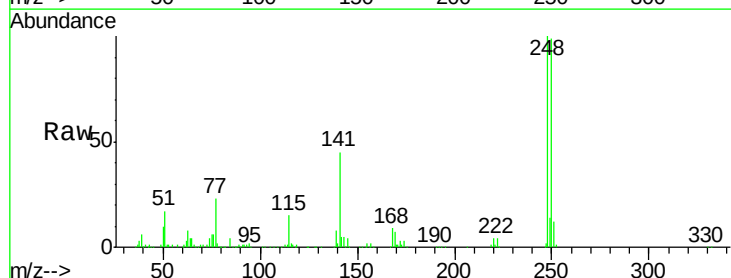
RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

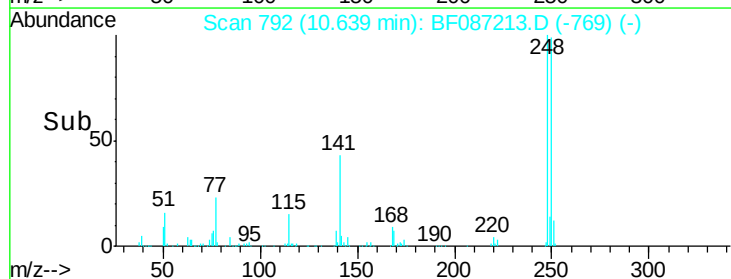
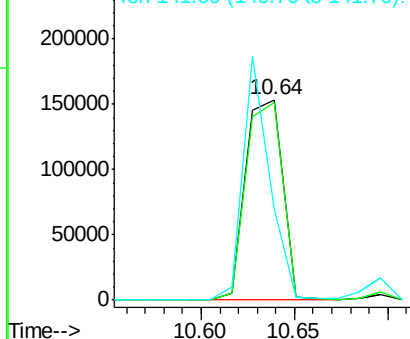
Lab File: BF087213.D

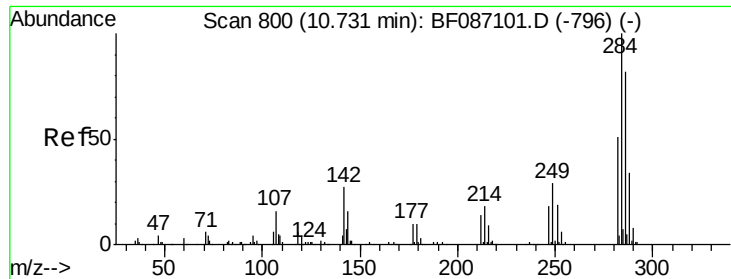
Acq: 20 May 2016 5:40

Tgt Ion:	248	Resp:	211511
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.6	117.8
141	45.4	76.0	114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.86 ng

RT: 10.70 min Scan# 797

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

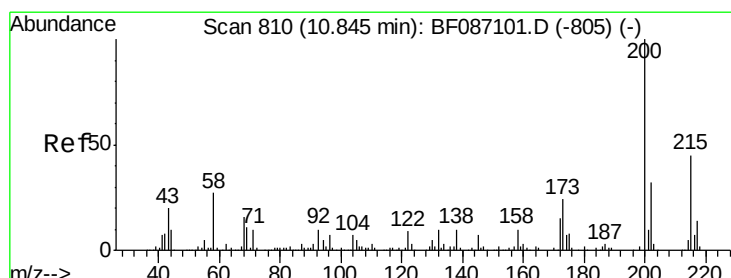
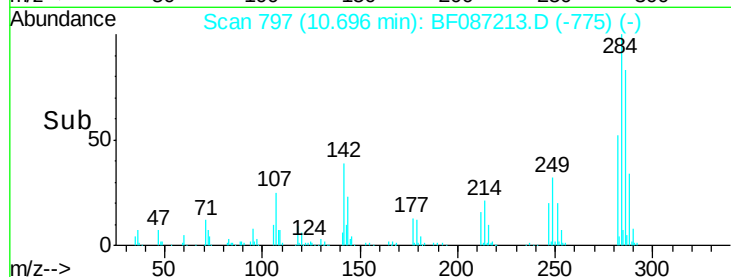
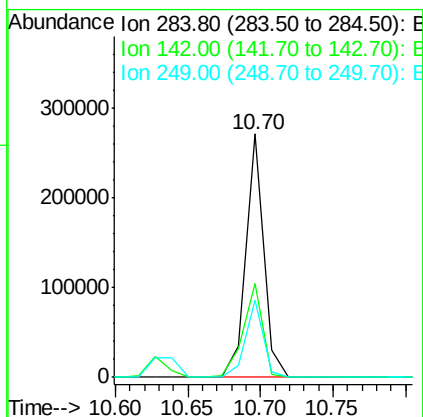
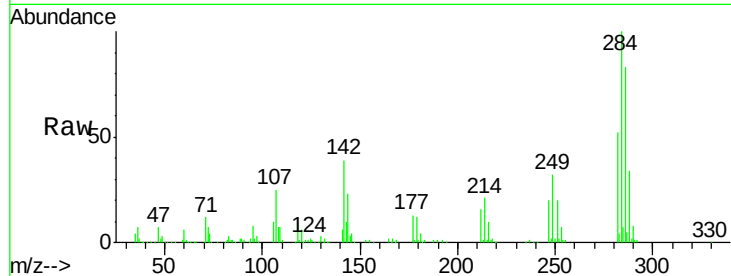
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	284	Resp:	232299
Ion Ratio	Lower	Upper	
284	100		
142	38.5	16.7	25.1#
249	31.6	21.3	31.9

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



#68

Atrazine

Concen: 39.26 ng

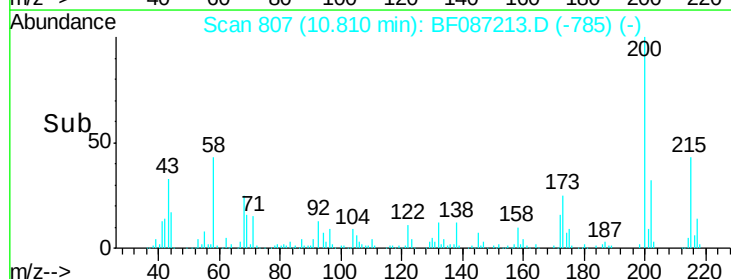
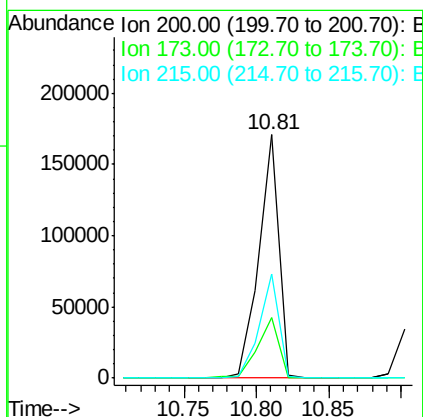
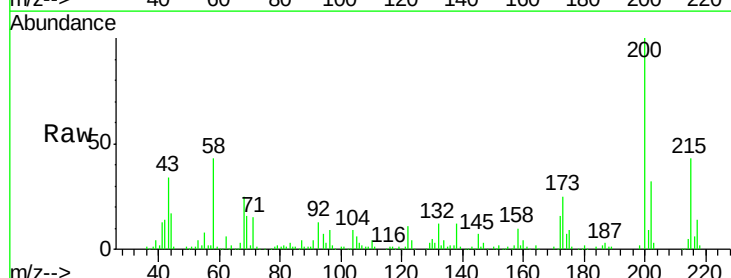
RT: 10.81 min Scan# 807

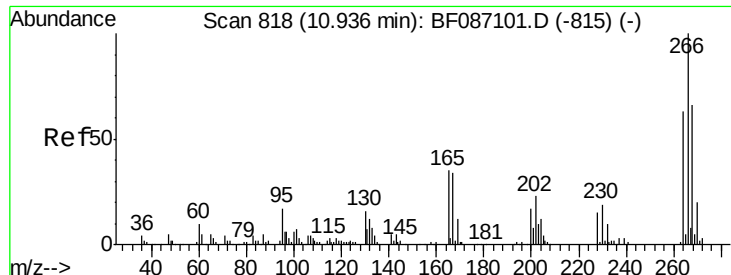
Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion:	200	Resp:	164077
Ion Ratio	Lower	Upper	
200	100		
173	25.1	8.5	48.5
215	42.7	27.2	67.2





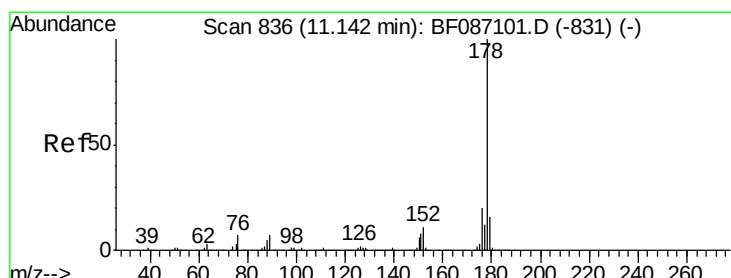
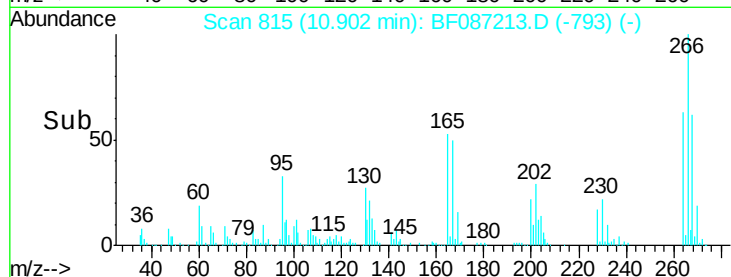
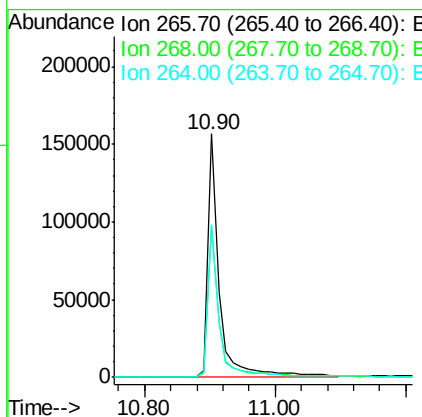
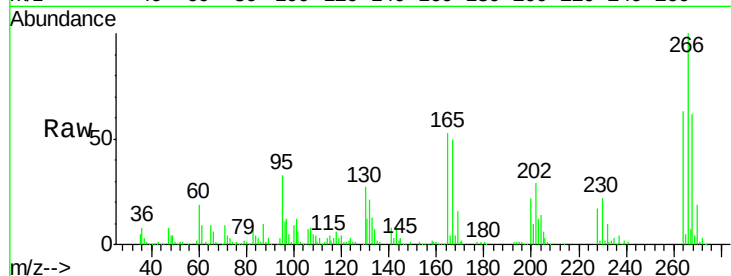
#69
 Pentachlorophenol
 Concen: 106.36 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	193910		
268	62.0	51.5	77.3	
264	62.6	52.9	79.3	

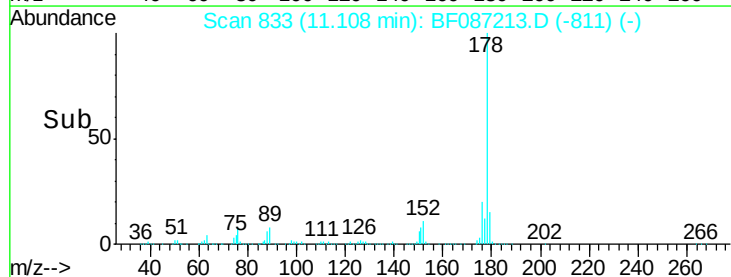
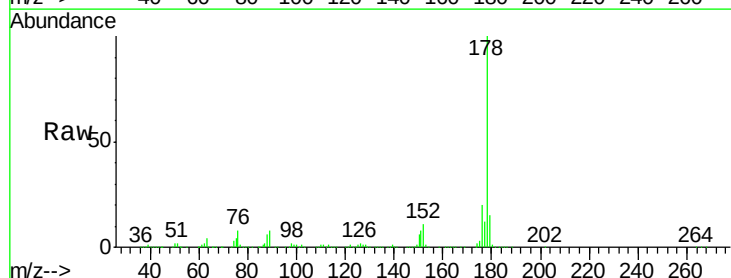
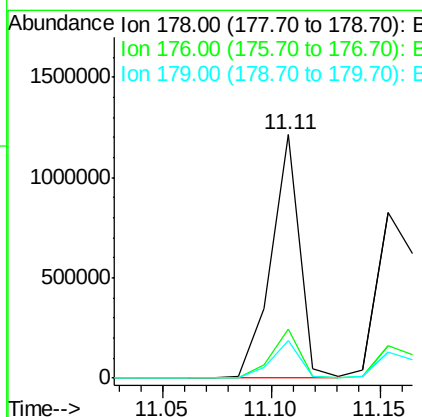
Manual Integrations
 APPROVED

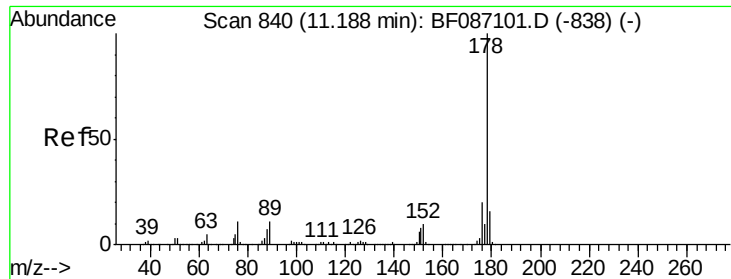
sohil
 5/20/2016 7:14:17 PM



#70
 Phenanthrene
 Concen: 50.49 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1114817		
176	20.0	16.0	24.0	
179	15.5	12.6	18.8	





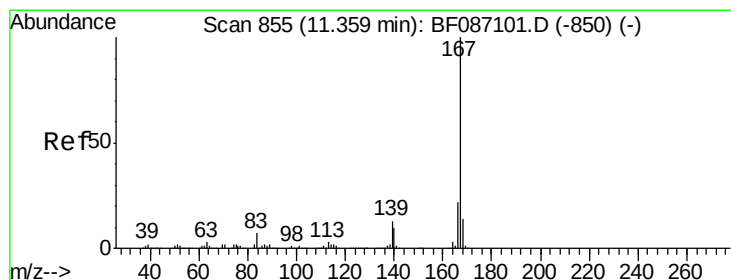
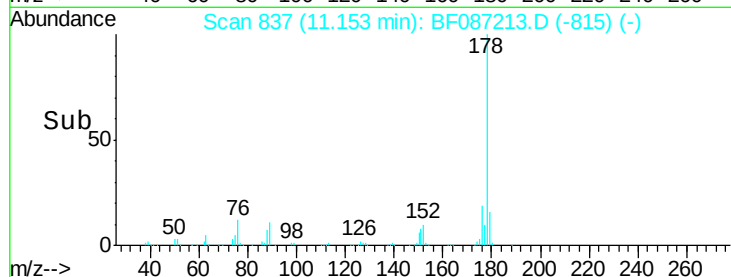
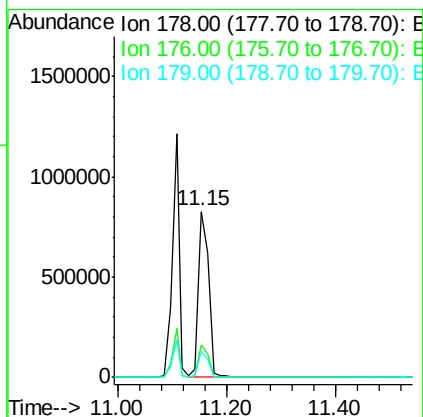
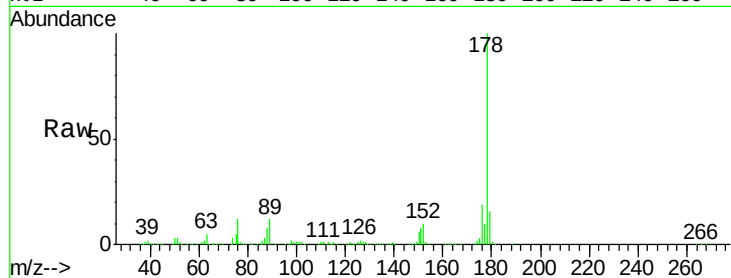
#71
 Anthracene
 Concen: 47.07 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:178 Resp: 1051108
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.0 12.7 19.1

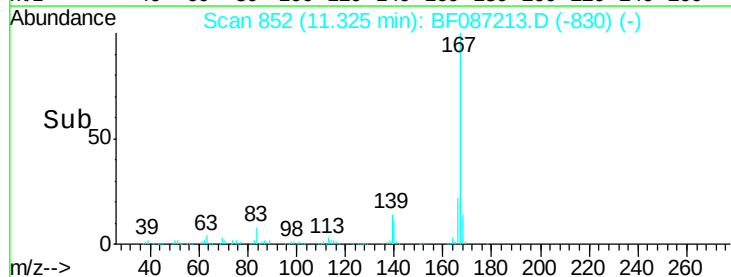
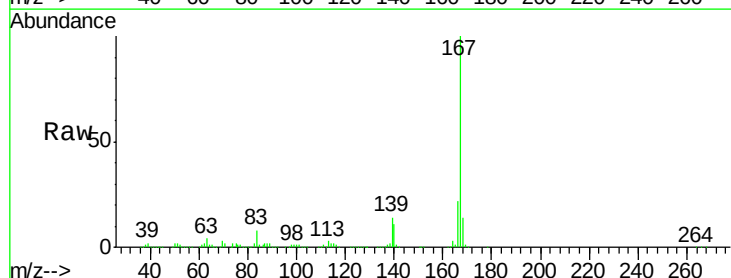
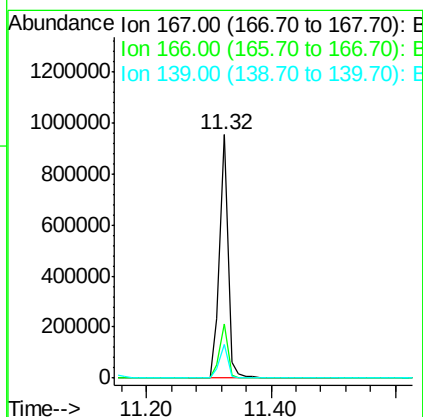
Manual Integrations
 APPROVED

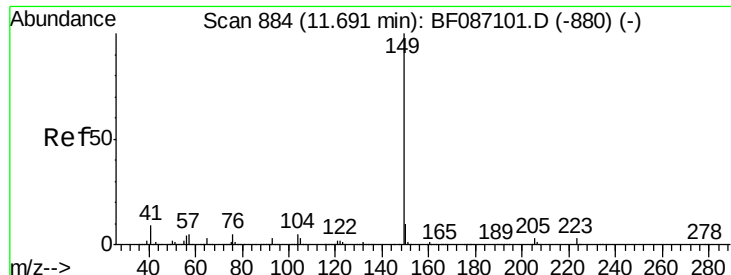
sohil
 5/20/2016 7:14:17 PM



#72
 Carbazole
 Concen: 43.52 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion:167 Resp: 887658
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 52.58 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

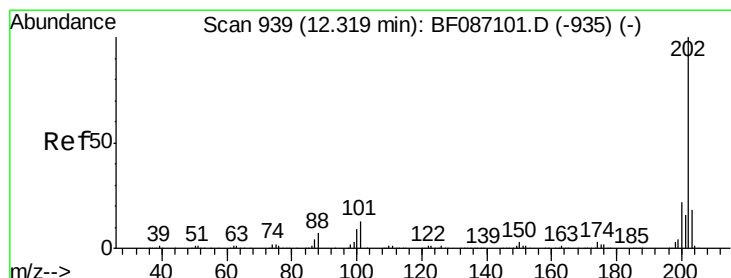
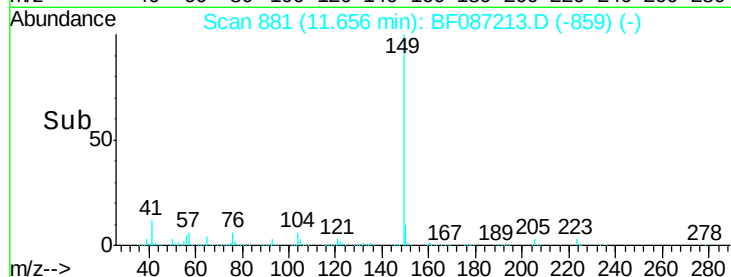
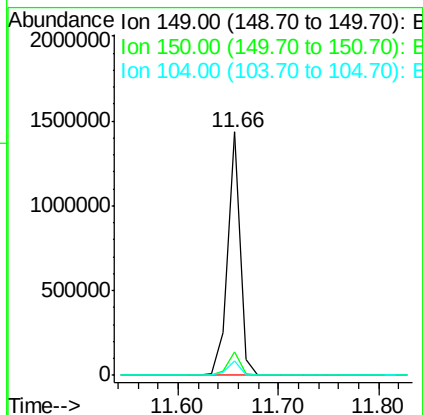
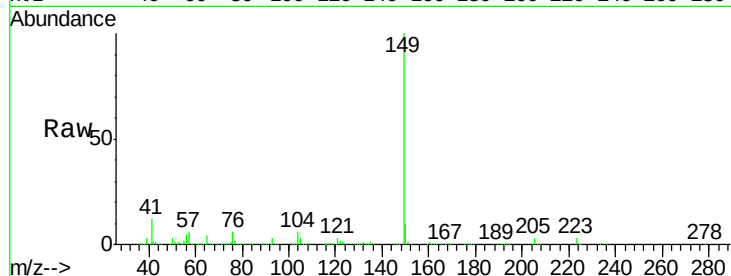
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.9	3.8	5.6



#74

Fluoranthene

Concen: 40.90 ng

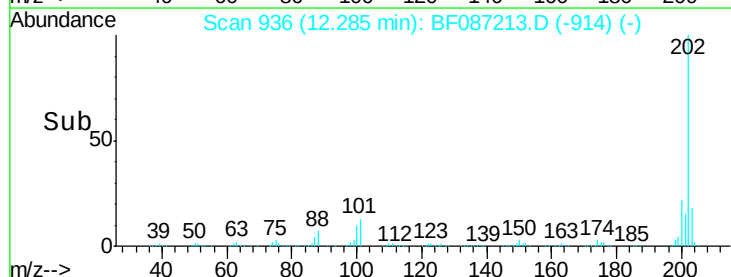
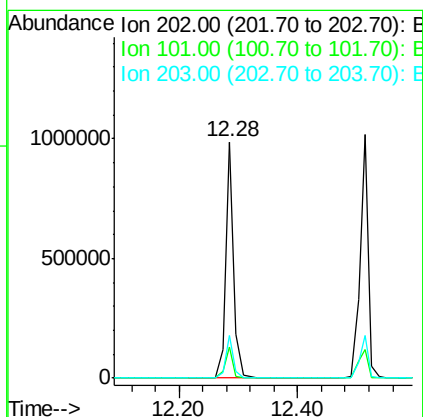
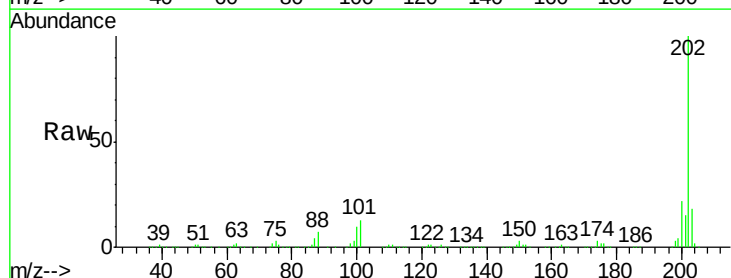
RT: 12.28 min Scan# 936

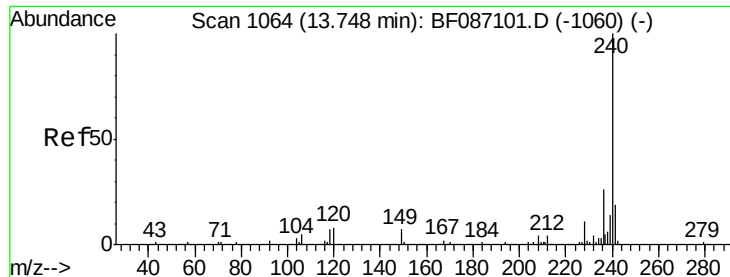
Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	35.4
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

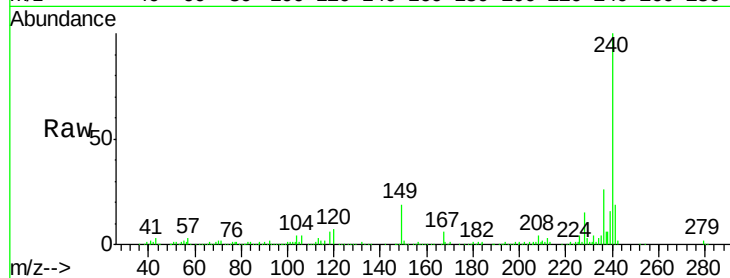
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	240	Resp:	238908
Ion Ratio	Lower	Upper	
240	100		
120	6.9	11.2	16.8#
236	26.2	21.2	31.8

Manual Integrations
APPROVED

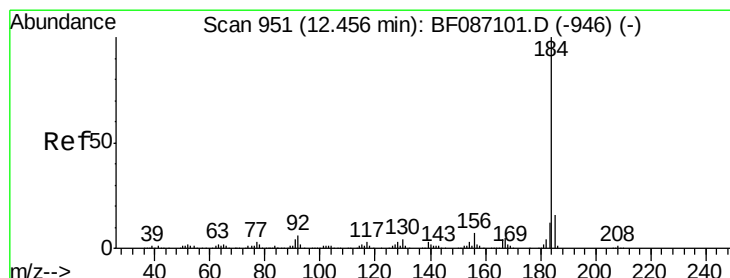
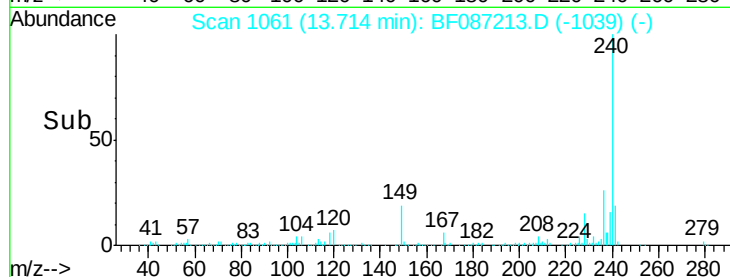
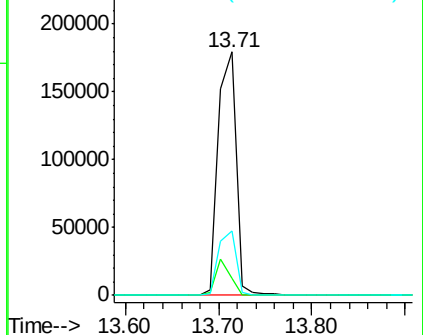
sohil
5/20/2016 7:14:17 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.11 ng

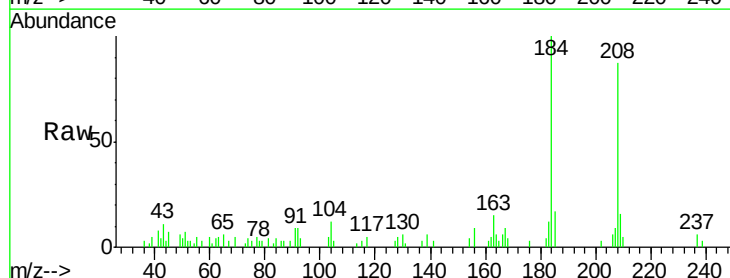
RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

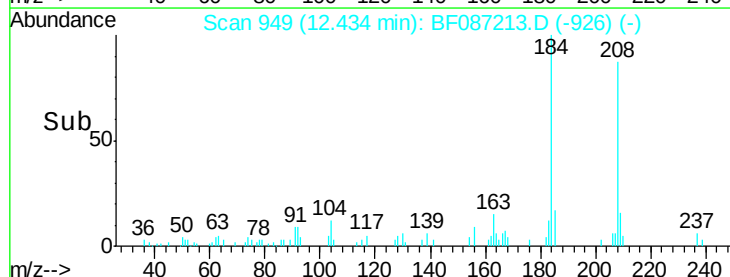
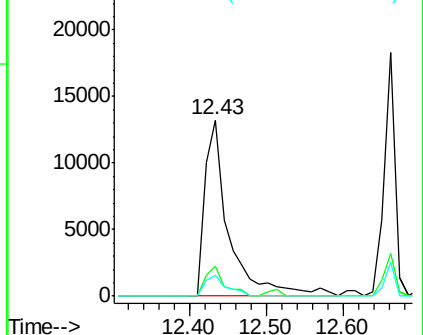
Tgt Ion:	184	Resp:	28507
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.6	20.4
183	11.6	9.8	14.6

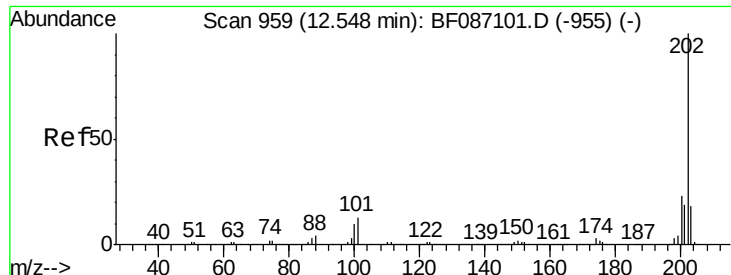


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





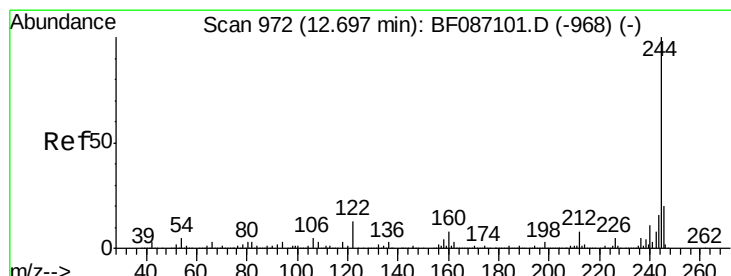
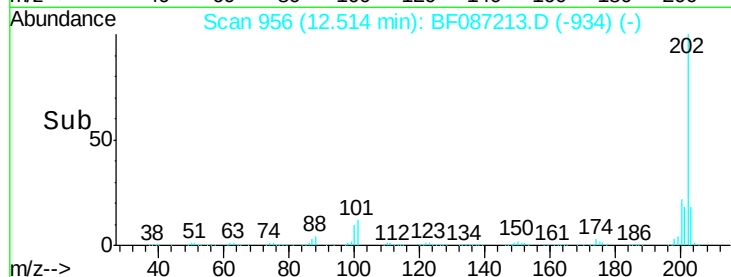
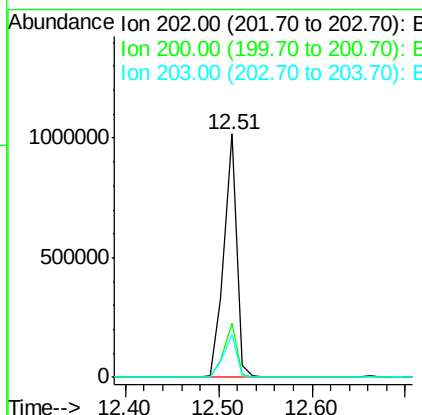
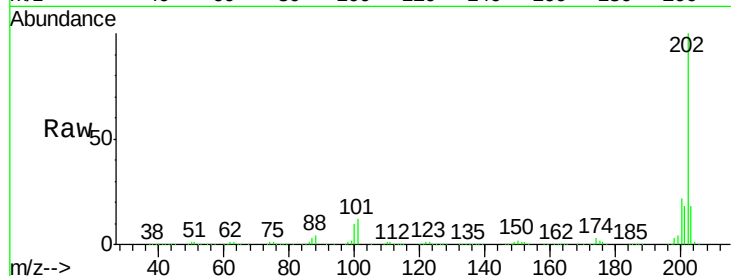
#77
Pyrene
 Concen: 56.16 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.7	26.5
203	17.8	14.2	21.4

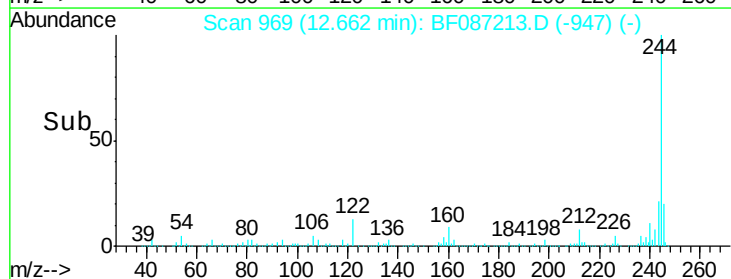
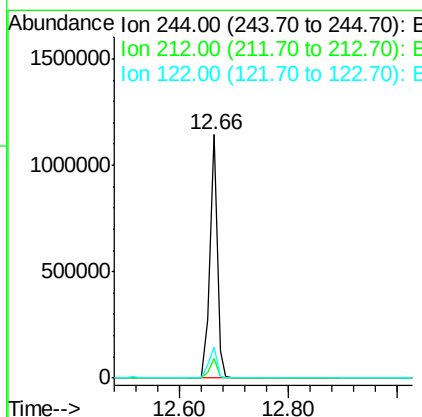
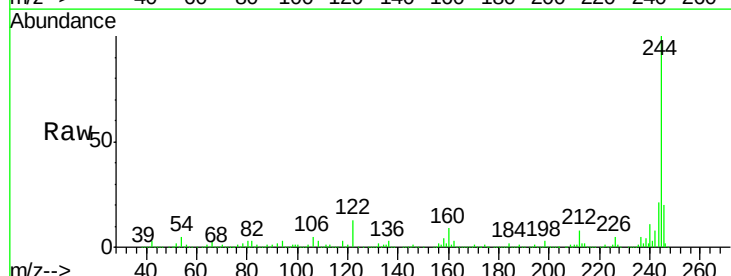
Manual Integrations
 APPROVED

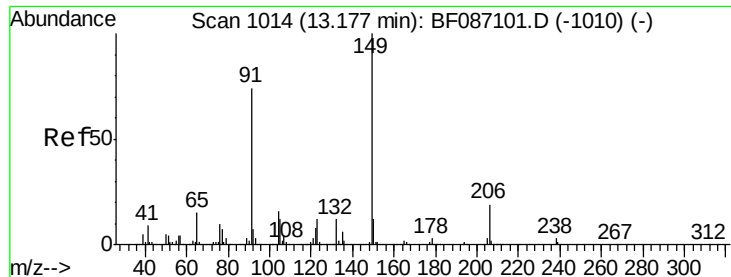
sohil
 5/20/2016 7:14:17 PM



#78
Terphenyl-d14
 Concen: 101.98 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.8	6.2	9.2
122	12.9	12.0	18.0





#79

Butylbenzylphthalate

Concen: 63.44 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

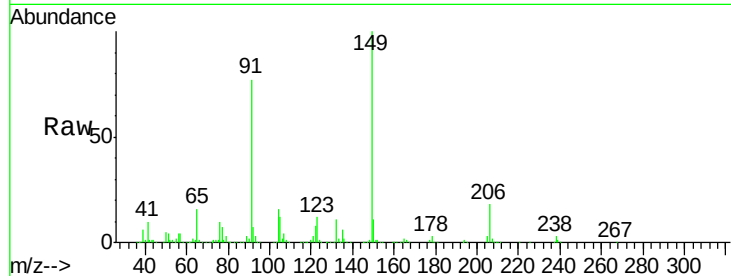
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	149	Resp:	462246
Ion Ratio	Lower	Upper	
149	100		
91	76.7	48.0	72.0#
206	17.9	15.8	23.6

Manual Integrations
APPROVED

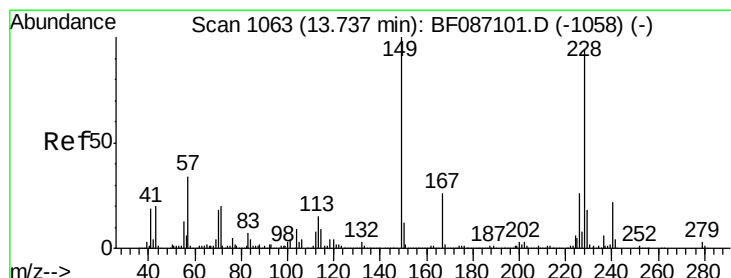
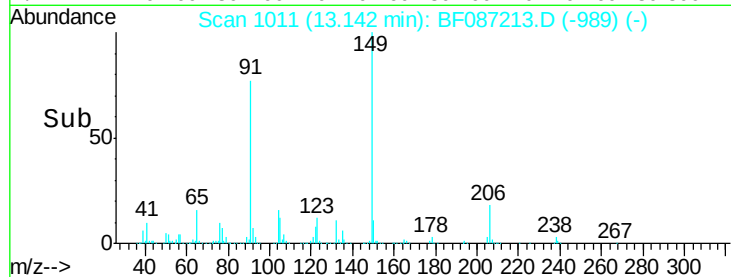
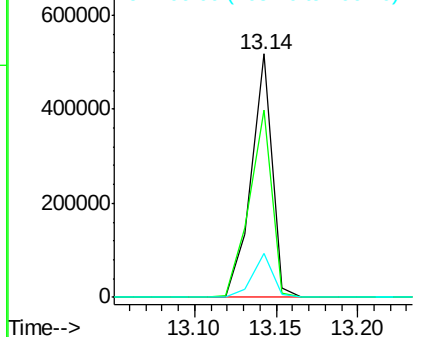
sohil
5/20/2016 7:14:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.86 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF087213.D

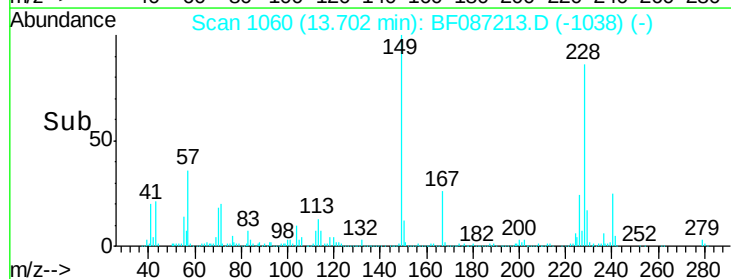
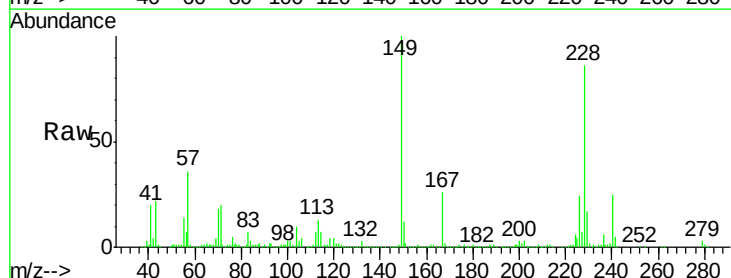
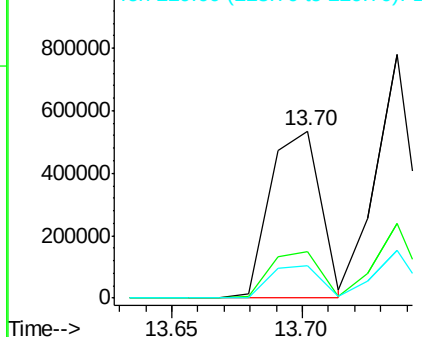
Acq: 20 May 2016 5:40

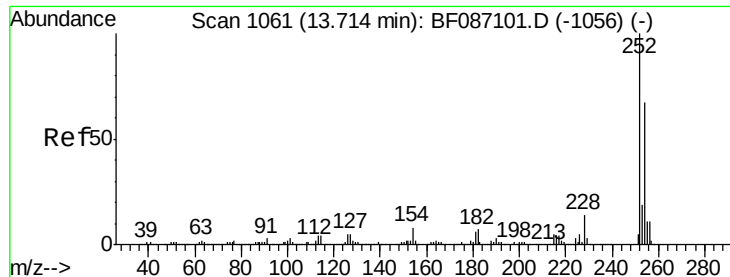
Tgt Ion:	228	Resp:	716393
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.5	33.7
229	19.5	16.6	25.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





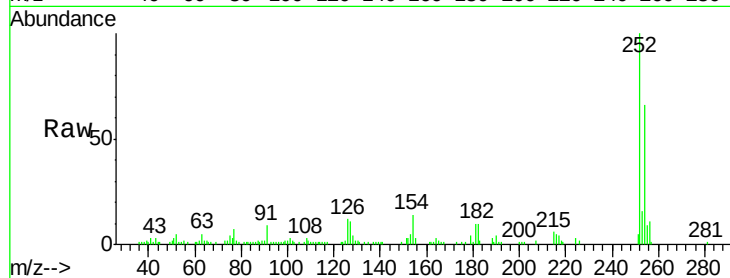
#81
 3,3'-Dichlorobenzidine
 Concen: 6.24 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.06 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

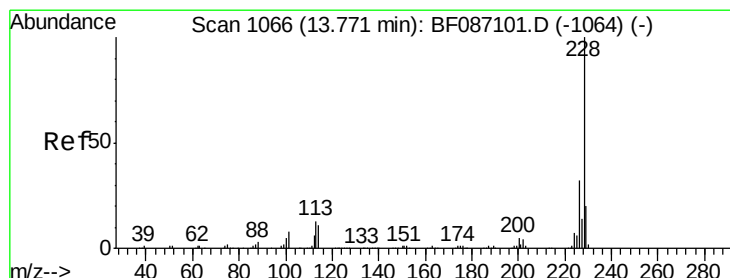
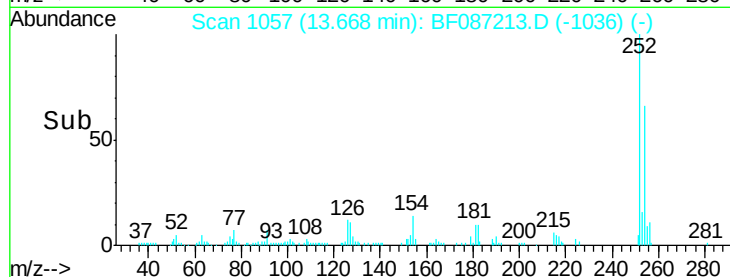
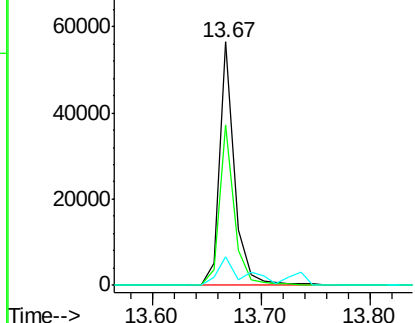
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	54859		
254	65.7	50.7	76.1	
126	11.7	12.7	19.1	

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:14:17 PM

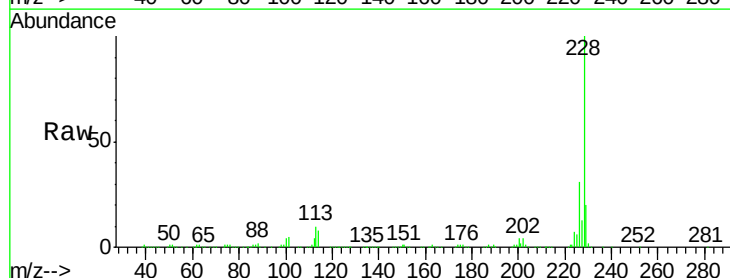


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

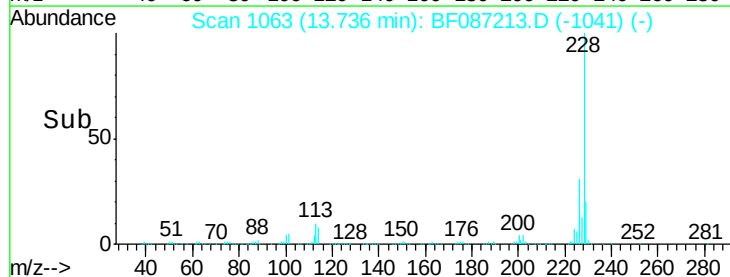
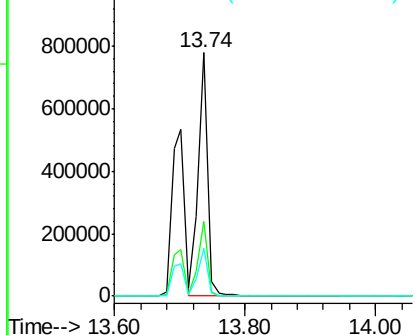


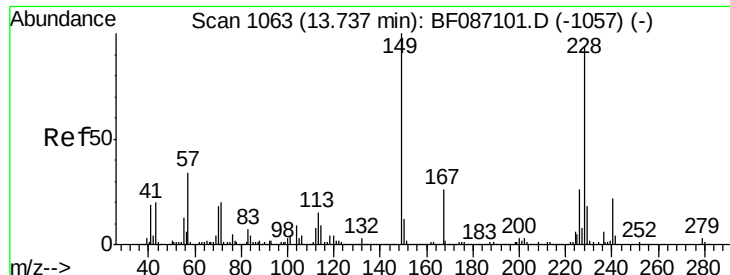
#82
 Chrysene
 Concen: 56.83 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	759572		
226	30.9	24.4	36.6	
229	19.8	15.8	23.8	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 63.53 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF087213.D

Acq: 20 May 2016 5:40

Instrument :

BNA_F

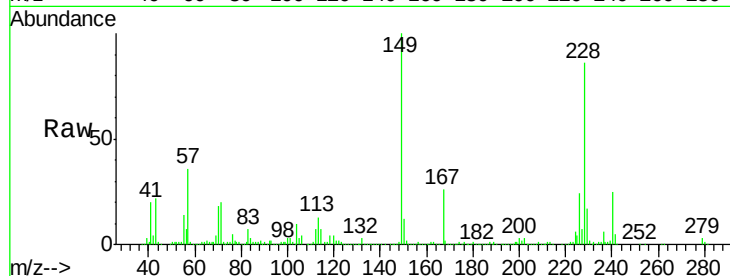
ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)MS

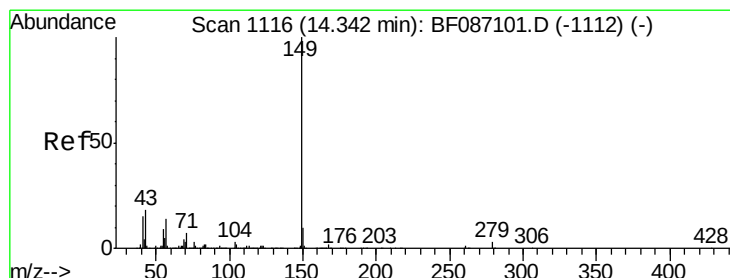
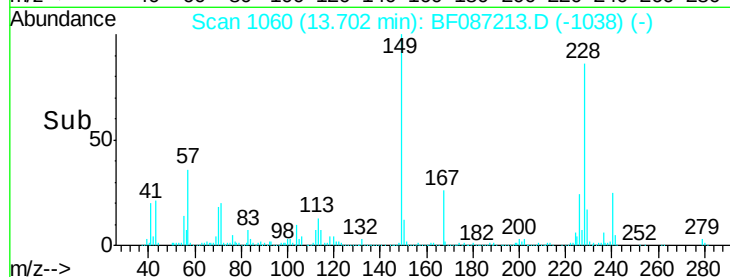
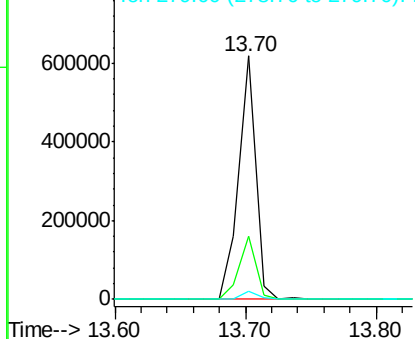
Tgt Ion:	149	Resp:	563373
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.8	32.6
279	3.1	2.6	4.0

Manual Integrations
APPROVED

sohil
5/20/2016 7:14:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 60.73 ng

RT: 14.31 min Scan# 1113

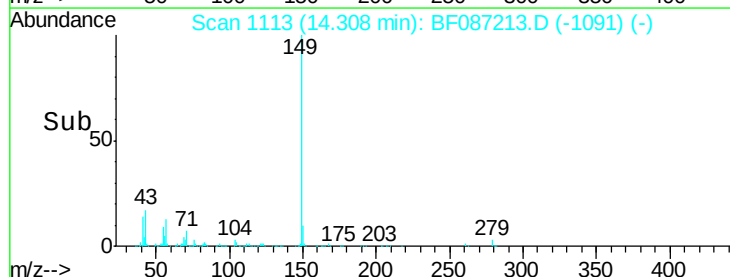
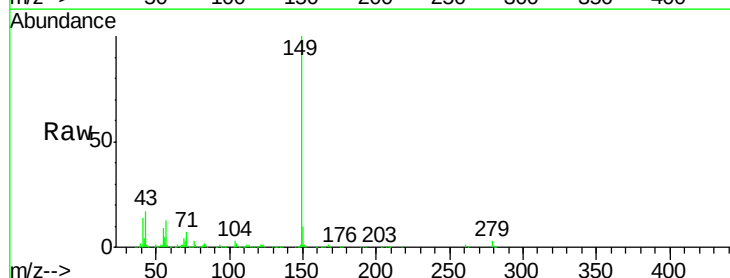
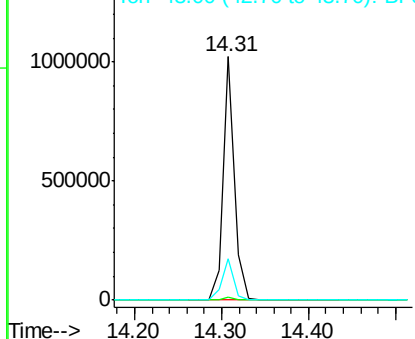
Delta R.T. -0.05 min

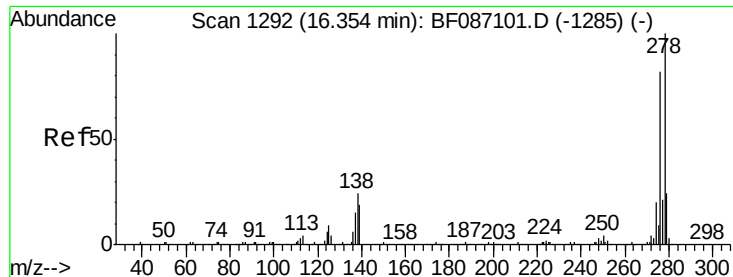
Lab File: BF087213.D

Acq: 20 May 2016 5:40

Tgt Ion:	149	Resp:	927620
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	17.0	8.2	12.4#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





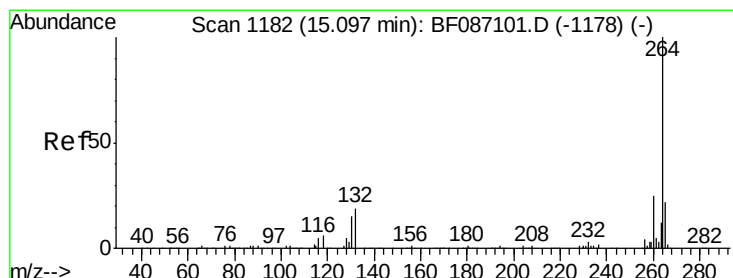
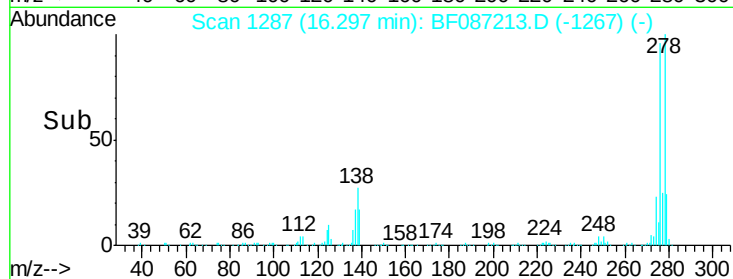
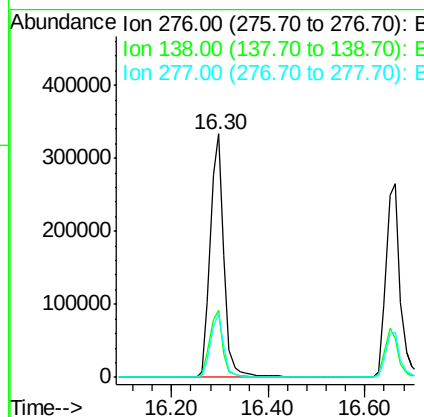
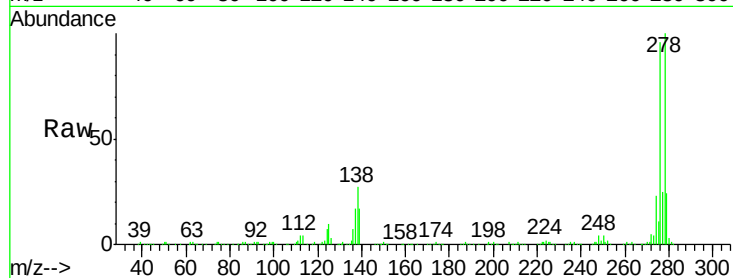
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.07 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.07 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:	276	Resp:	669462
Ion Ratio	Lower	Upper	
276	100		
138	27.2	25.6	38.4
277	25.3	20.5	30.7

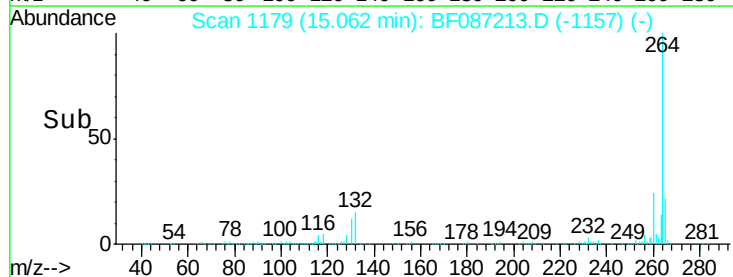
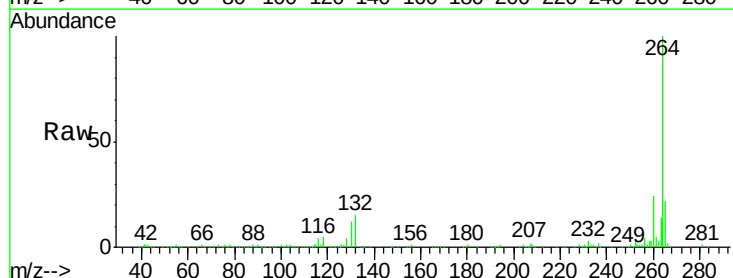
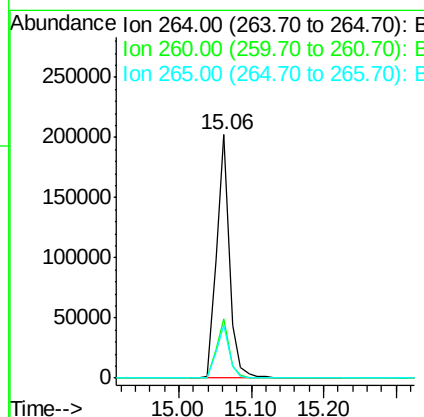
Manual Integrations
 APPROVED

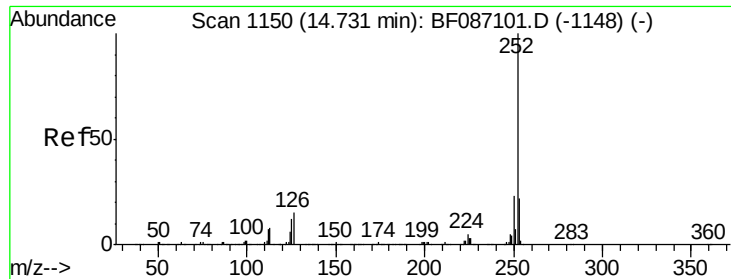
sohil
 5/20/2016 7:14:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Tgt Ion:	264	Resp:	250052
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9





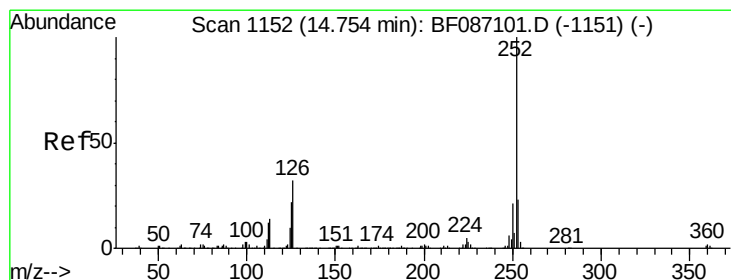
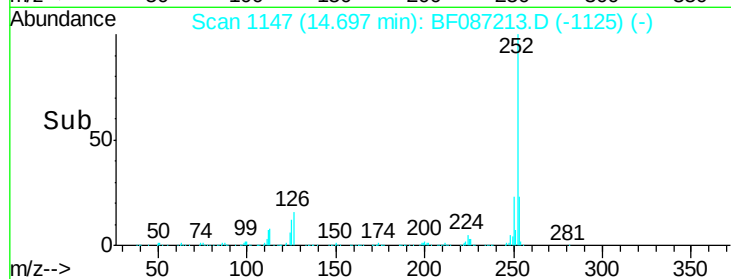
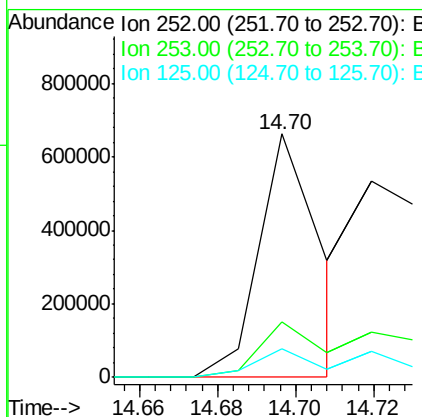
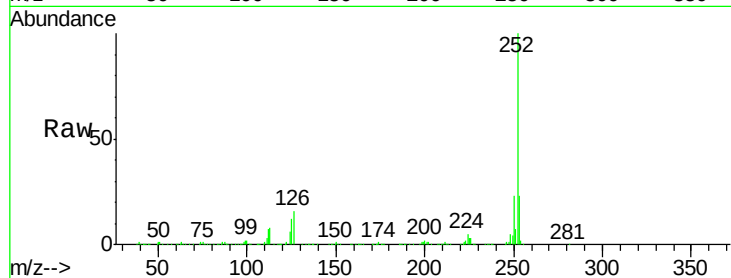
#87
Benzo(b)fluoranthene
Concen: 43.79 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.0	11.4	17.0

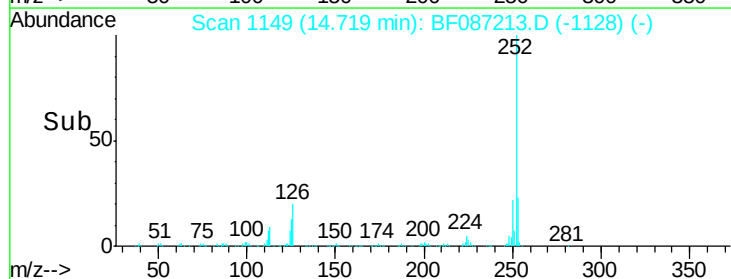
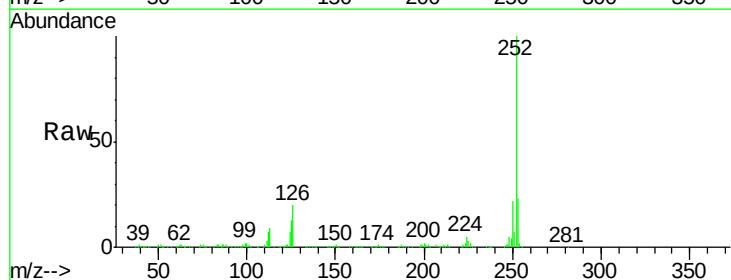
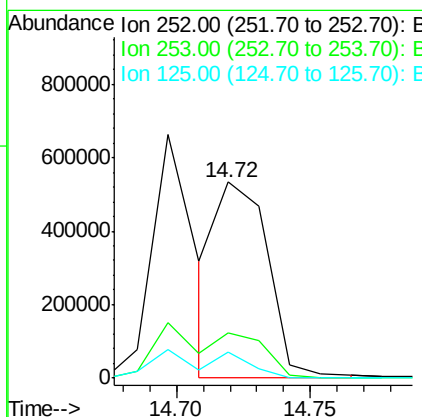
Manual Integrations
APPROVED

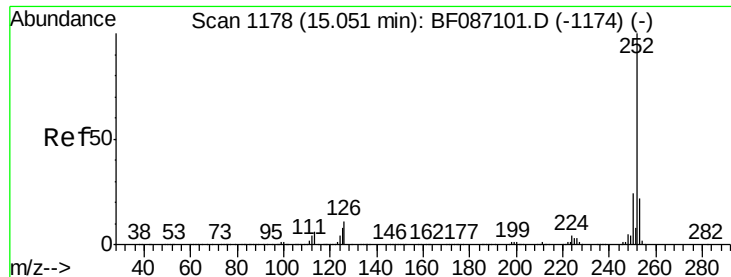
sohil
5/20/2016 7:14:17 PM



#88
Benzo(k)fluoranthene
Concen: 58.77 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.4	9.1	13.7





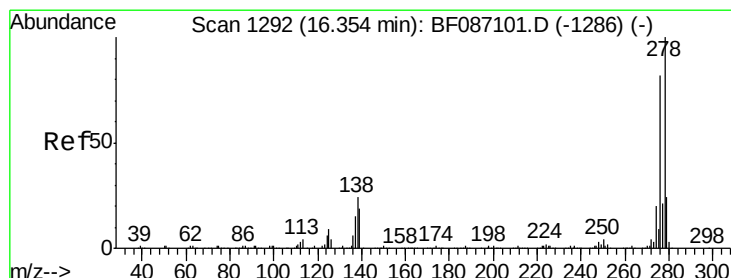
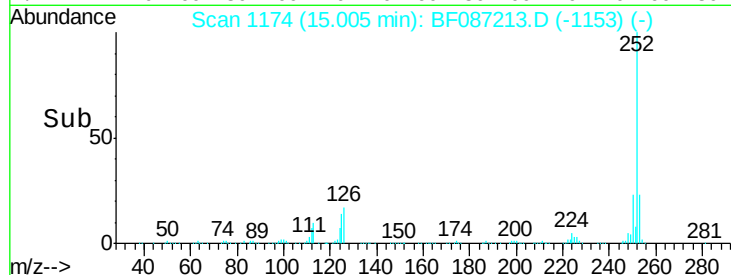
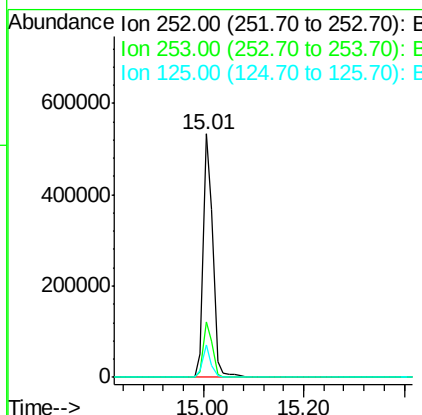
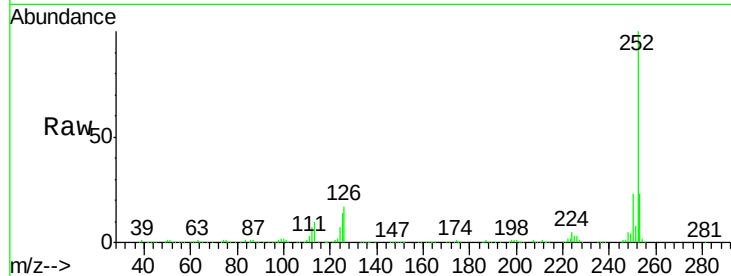
#89
Benzo(a)pyrene
Concen: 50.46 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.2	25.8
125	13.5	9.0	13.6

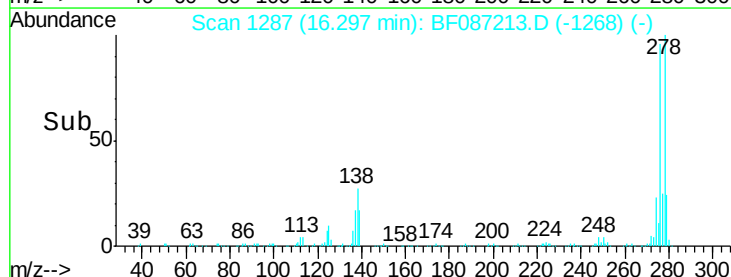
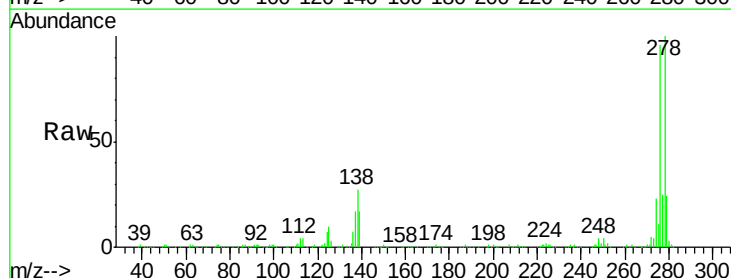
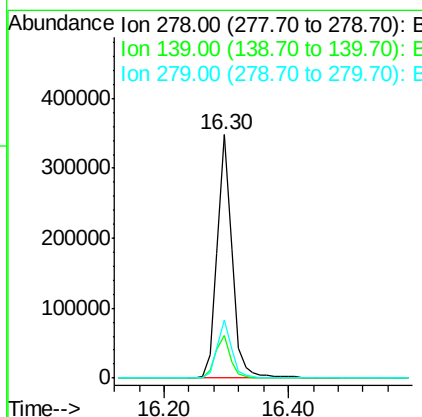
Manual Integrations
APPROVED

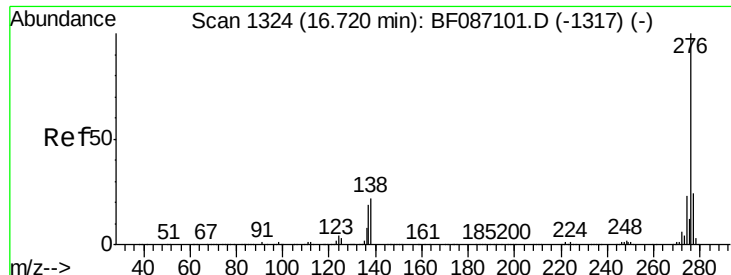
sohil
5/20/2016 7:14:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.14 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.08 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.3	16.6	24.8
279	23.9	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 46.59 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.08 min
 Lab File: BF087213.D
 Acq: 20 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	19.9	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:14:17 PM

