

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
 Data File : BF084330.D
 Acq On : 8 Jan 2016 16:18
 Operator : SJ/UM
 Sample : PB87668BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM

Quant Time: Jan 08 23:30:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	249314	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1054539	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	490427	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	906268	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	661857	20.00	ng	-0.05
86) Perylene-d12	15.45	264	570559	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1171094	75.98	ng	-0.02
7) Phenol-d6	6.50	99	1521339	78.59	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1360098	71.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	420997	85.03	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2340161	83.86	ng	-0.03
78) Terphenyl-d14	12.97	244	2228259	75.15	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	239308	32.77	ng	# 75
3) Pyridine	3.25	79	720777	35.41	ng	# 70
4) n-Nitrosodimethylamine	3.22	42	382698	36.62	ng	79
6) Aniline	6.52	93	508309	17.95	ng	96
8) 2-Chlorophenol	6.65	128	714039	40.83	ng	96
9) Benzaldehyde	6.40	77	155652	12.35	ng	94
10) Phenol	6.51	94	735653	33.42	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	648116	38.01	ng	# 79
12) 1,3-Dichlorobenzene	6.80	146	711765m	39.45	ng	
13) 1,4-Dichlorobenzene	6.88	146	734259	40.59	ng	94
14) 1,2-Dichlorobenzene	7.02	146	616888	35.61	ng	97
15) Benzyl Alcohol	7.00	79	545200	33.48	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1073289	34.57	ng	85
17) 2-Methylphenol	7.13	107	587797	40.10	ng	95
18) Hexachloroethane	7.37	117	269571	37.26	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	454265	34.66	ng	# 73
20) 3+4-Methylphenols	7.28	107	647487	37.58	ng	# 68
22) Acetophenone	7.26	105	972626	38.36	ng	94
24) Nitrobenzene	7.45	77	782902	40.74	ng	93
25) Isophorone	7.69	82	1360769	37.55	ng	97
26) 2-Nitrophenol	7.76	139	344794	39.42	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	617308	34.87	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	810423	36.61	ng	100
29) 2,4-Dichlorophenol	8.01	162	590046	40.01	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	611577	40.17	ng	# 96
31) Naphthalene	8.17	128	1867958	39.04	ng	98
32) Benzoic acid	7.92	122	284739	28.00	ng	93
33) 4-Chloroaniline	8.21	127	179468	8.18	ng	97
34) Hexachlorobutadiene	8.28	225	319205	36.47	ng	98
35) Caprolactam	8.59	113	194240m	39.07	ng	
36) 4-Chloro-3-methylphenol	8.70	107	659478	39.92	ng	93
37) 2-Methylnaphthalene	8.85	142	1250104	36.40	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	539514	38.27	ng	98
40) Hexachlorocyclopentadiene	9.01	237	614828	72.24	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
 Data File : BF084330.D
 Acq On : 8 Jan 2016 16:18
 Operator : SJ/UM
 Sample : PB87668BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM

Quant Time: Jan 08 23:30:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	388268	36.81	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	400463	39.60	nq	# 90
45) 1,1'-Biphenyl	9.32	154	1407291	36.11	nq	99
46) 2-Chloronaphthalene	9.34	162	1089354	35.58	nq	97
47) 2-Nitroaniline	9.45	65	453067	44.84	nq	# 85
48) Acenaphthylene	9.77	152	1816581	40.16	nq	99
49) Dimethylphthalate	9.63	163	1432222	40.85	nq	# 90
50) 2,6-Dinitrotoluene	9.69	165	298929	38.87	nq	# 55
51) Acenaphthene	9.94	154	1316297	43.38	nq	97
52) 3-Nitroaniline	9.86	138	192128	20.16	nq	# 80
53) 2,4-Dinitrophenol	9.96	184	259136	79.15	nq	# 89
54) Dibenzofuran	10.11	168	1655034	41.91	nq	97
55) 4-Nitrophenol	10.03	139	450034	65.07	nq	# 78
56) 2,4-Dinitrotoluene	10.09	165	382538	39.31	nq	# 80
57) Fluorene	10.45	166	1281871	42.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	317562	36.78	nq	97
59) Diethylphthalate	10.33	149	1299846	37.60	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	580103	45.30	nq	97
61) 4-Nitroaniline	10.48	138	349351	41.13	nq	90
62) Azobenzene	10.60	77	1511319	39.86	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	212068	38.31	nq	94
65) n-Nitrosodiphenylamine	10.57	169	1139577	39.33	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	397385	40.74	nq	# 92
67) Hexachlorobenzene	10.99	284	390849	35.60	nq	# 77
68) Atrazine	11.09	200	371986	39.23	nq	98
69) Pentachlorophenol	11.20	266	413490	72.64	nq	99
70) Phenanthrene	11.41	178	2002867	42.25	nq	97
71) Anthracene	11.46	178	1737297	37.39	nq	97
72) Carbazole	11.62	167	1785588	39.30	nq	98
73) Di-n-butylphthalate	11.95	149	1980807	39.80	nq	# 95
74) Fluoranthene	12.59	202	1921429	38.80	nq	98
76) Benzidine	12.72	184	586394	24.71	nq	99
77) Pyrene	12.82	202	1963722	37.81	nq	99
79) Butylbenzylphthalate	13.45	149	909963	40.49	nq	93
80) Benzo(a)anthracene	14.01	228	1535196	39.50	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	326362	24.06	nq	# 95
82) Chrysene	14.05	228	1522205	40.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1120617	39.47	nq	98
84) Di-n-octyl phthalate	14.63	149	2007944	41.89	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.84	276	1189324	40.18	nq	100
87) Benzo(b)fluoranthene	15.04	252	1319868m	35.36	nq	
88) Benzo(k)fluoranthene	15.07	252	1393403m	45.65	nq	
89) Benzo(a)pyrene	15.39	252	1235775	39.04	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	988288	36.28	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	974918	34.56	nq	99

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



#1

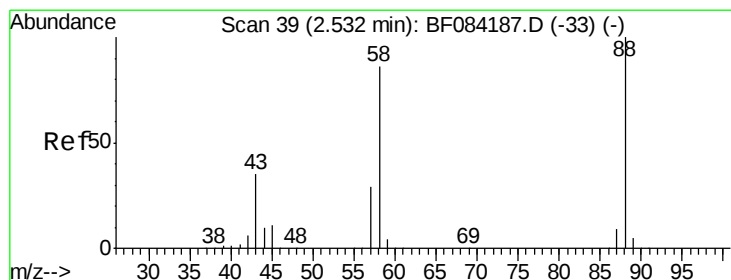
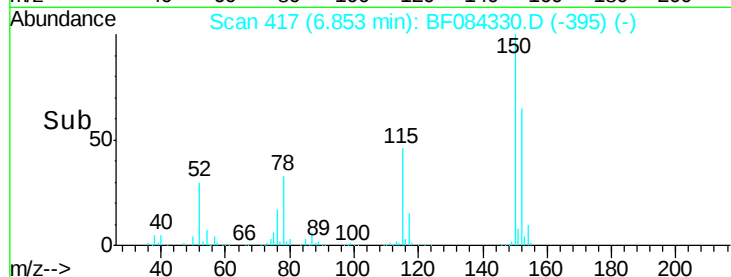
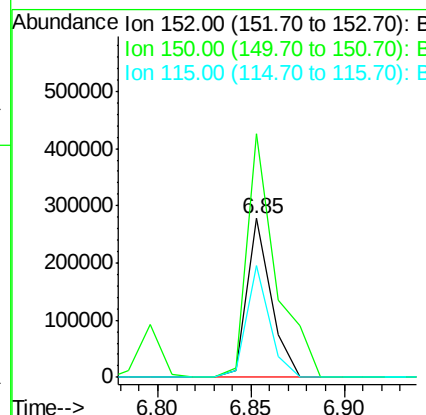
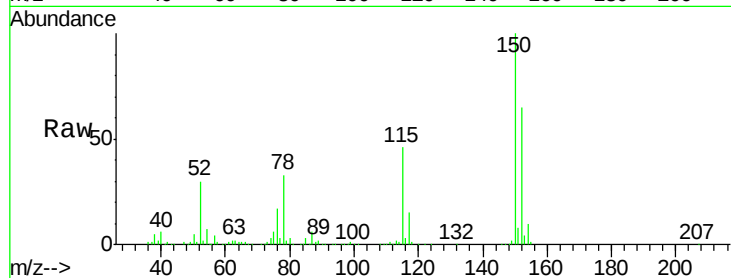
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.0	184.4
115	70.4	51.4	77.2

Manual Integrations
APPROVED

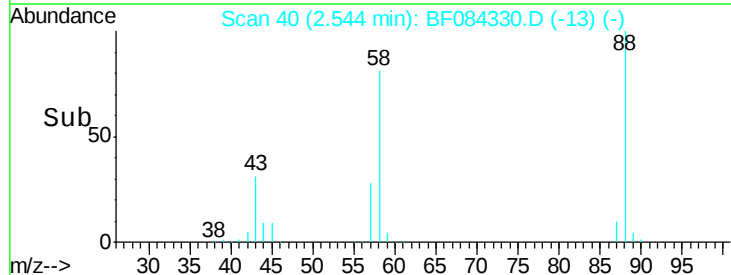
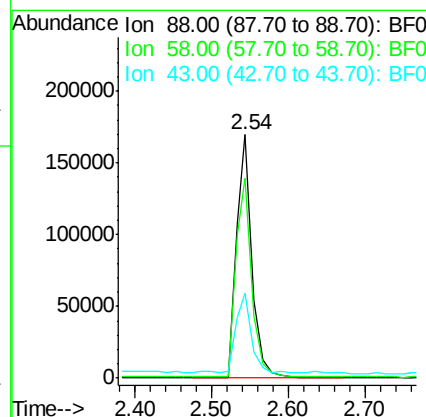
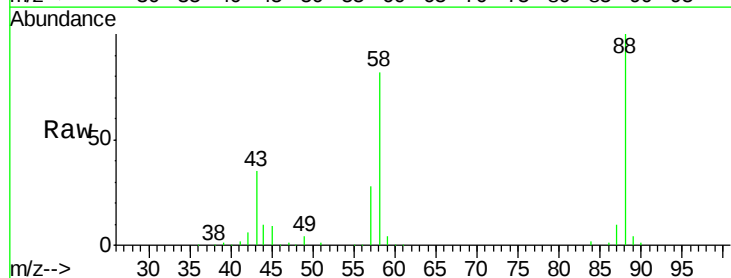
Sohil
1/10/2016 9:51:30 AM

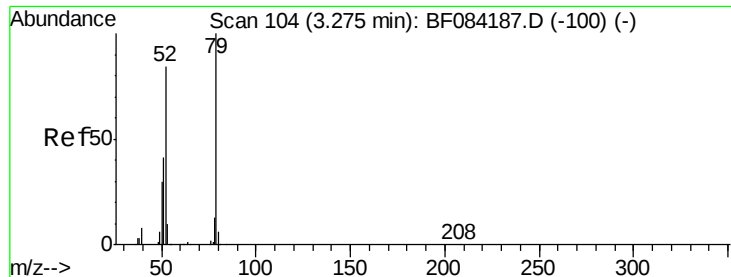


#2

1,4-Dioxane
Concen: 32.77 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.01 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	51.2	76.8#
43	34.5	19.5	29.3#





#3

Pvridine

Concen: 35.41 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

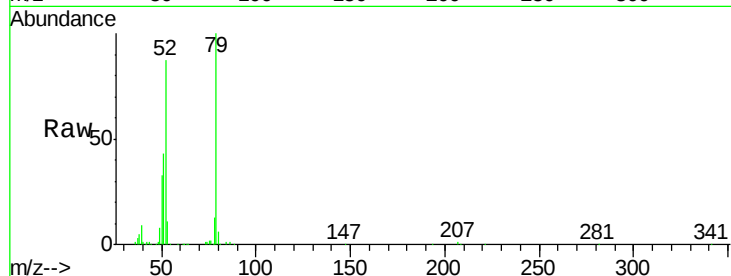
ClientSampleId :

PB87668BSD

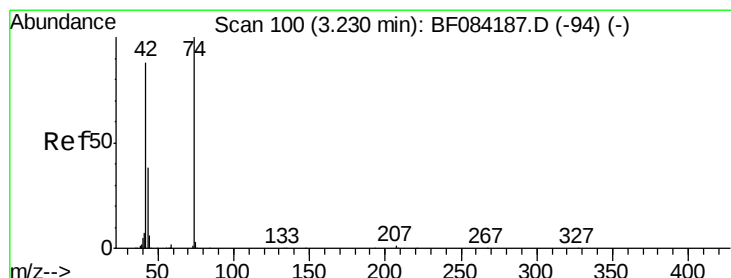
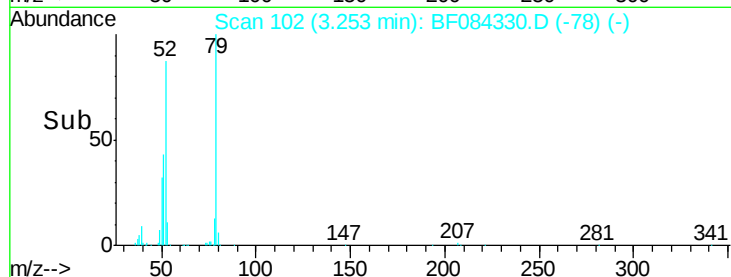
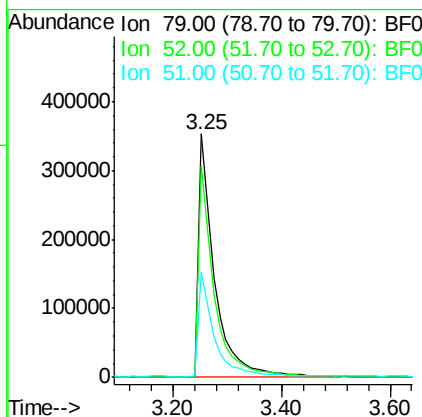
Manual Integrations
APPROVED

Sohil

1/10/2016 9:51:30 AM



Tot Ion	Ratio	Lower	Upper
79	100		
52	87.2	49.0	73.4#
51	43.3	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 36.62 ng

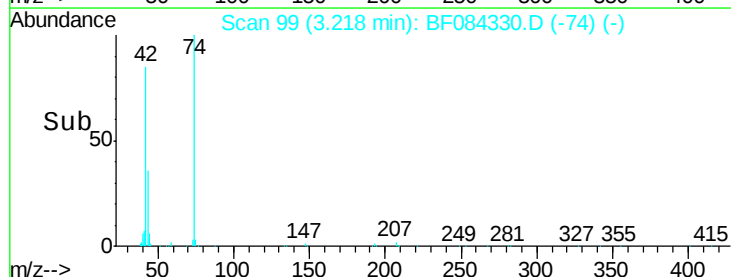
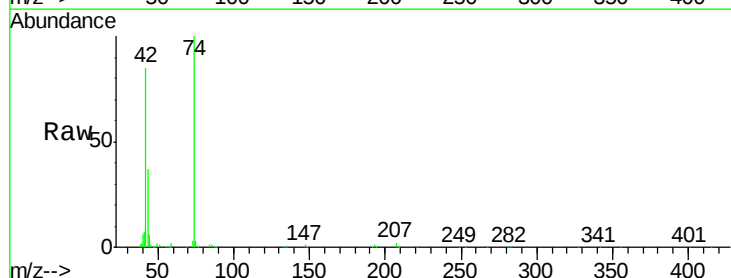
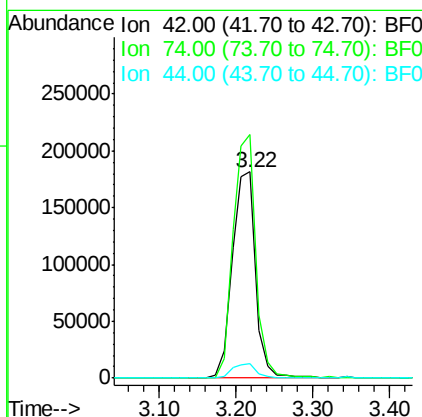
RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.1	115.7	173.5
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 75.98 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion:112 Resp: 1171094

Ion Ratio Lower Upper

112 100

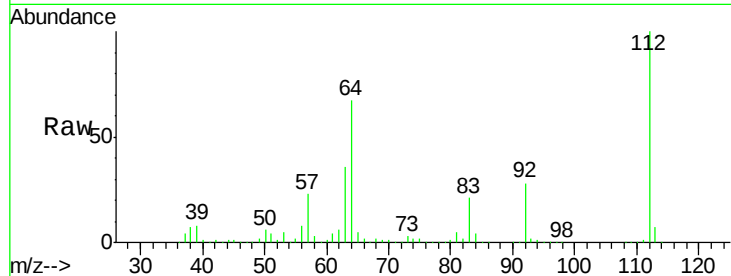
64 67.3 36.6 55.0#

63 35.8 19.4 29.0#

Manual Integrations
APPROVED

Sohil

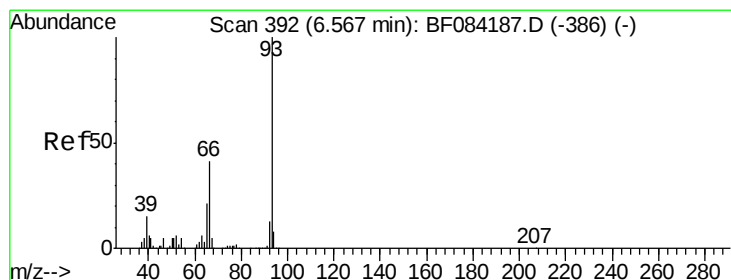
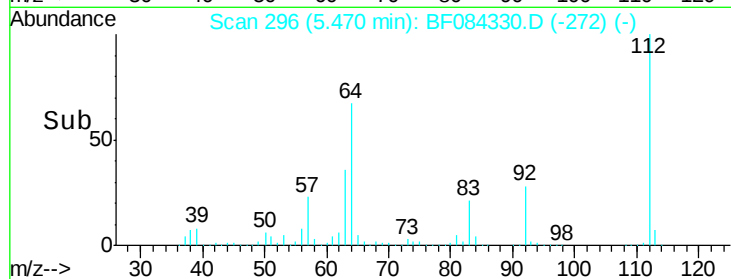
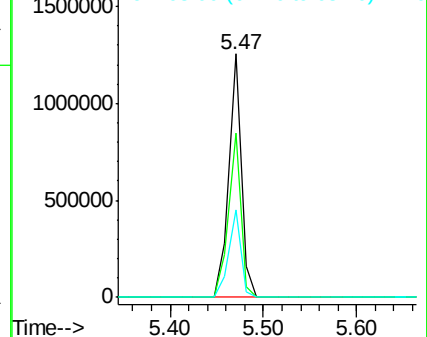
1/10/2016 9:51:30 AM



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: 17.95 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

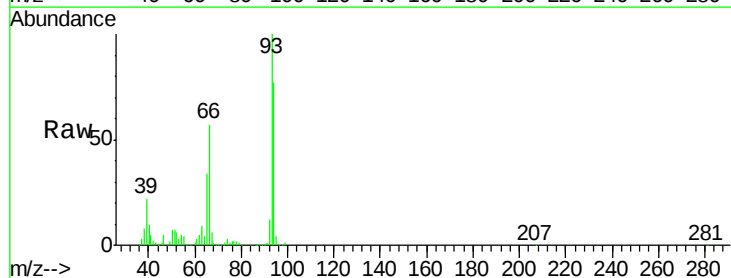
Tgt Ion: 93 Resp: 508309

Ion Ratio Lower Upper

93 100

66 56.9 44.9 67.3

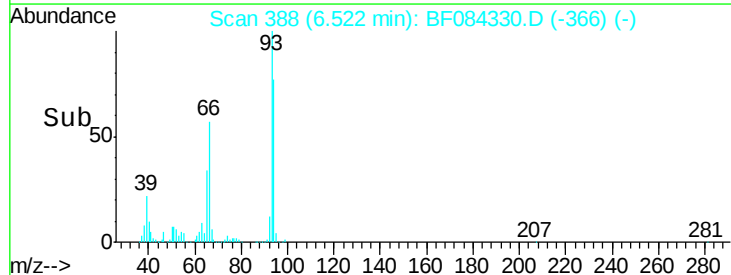
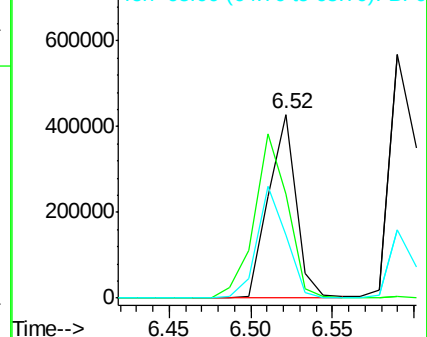
65 34.1 23.7 35.5

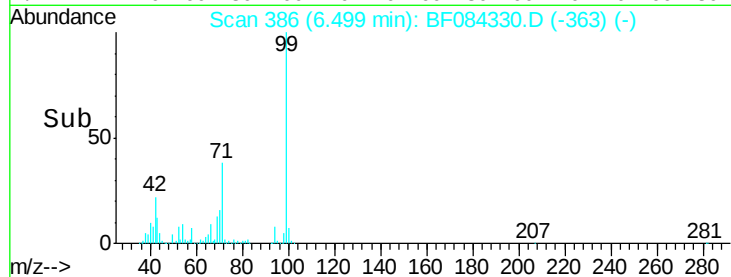
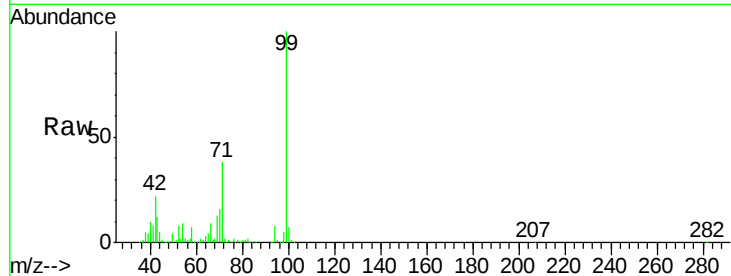
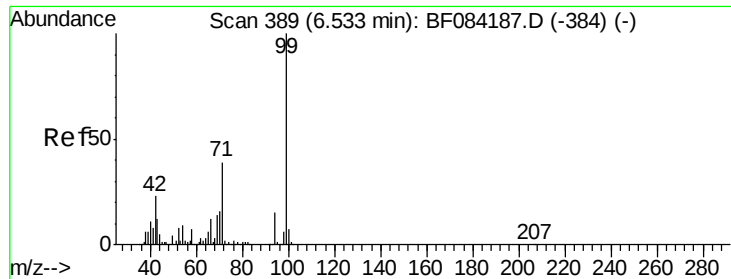


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.59 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tot Ion: 99 Resp: 1521339

Ion Ratio Lower Upper

99 100

42 22.3 12.8 19.2#

71 38.0 30.9 46.3

Instrument :

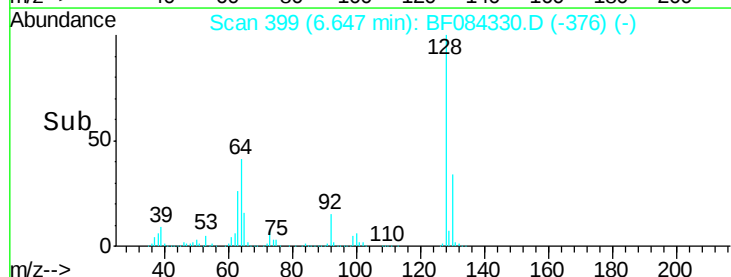
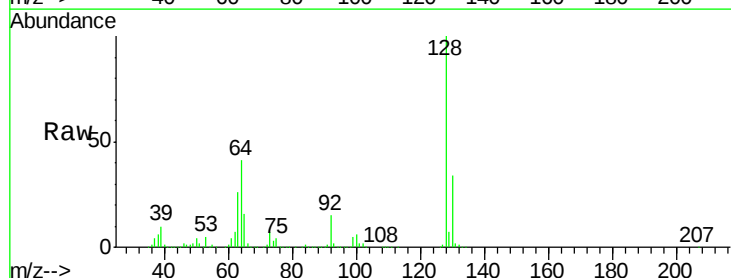
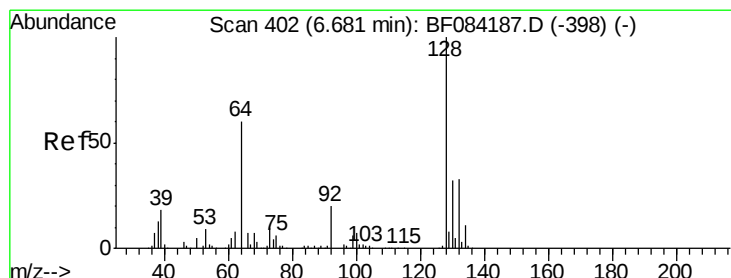
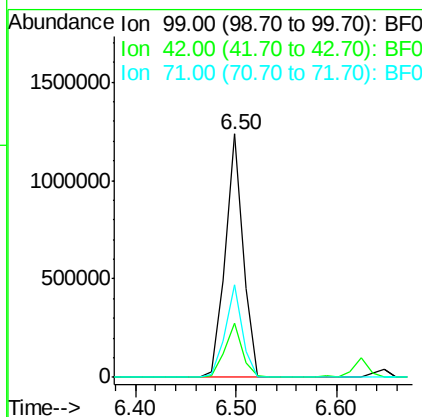
BNA_F

ClientSampleId :

PB87668BSD

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#8

2-Chlorophenol

Concen: 40.83 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

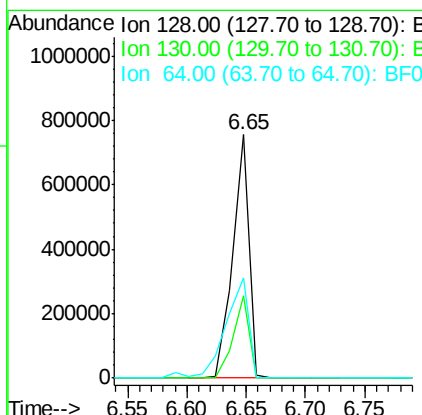
Tgt Ion: 128 Resp: 714039

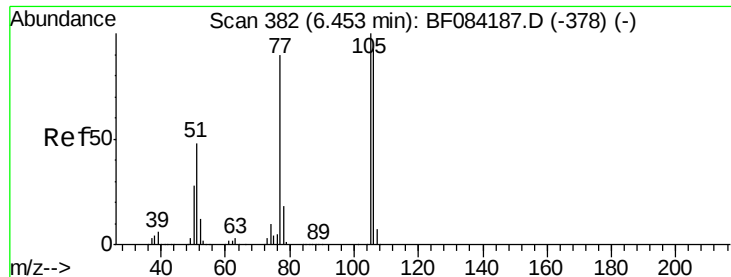
Ion Ratio Lower Upper

128 100

130 33.8 11.6 51.6

64 41.3 23.8 63.8





#9

Benzaldehyde

Concen: 12.35 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

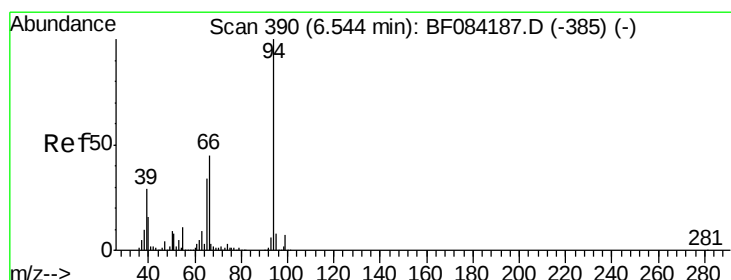
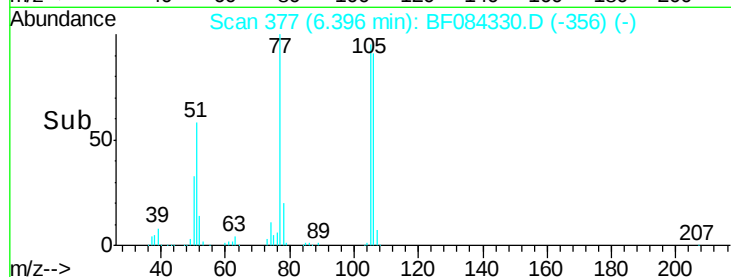
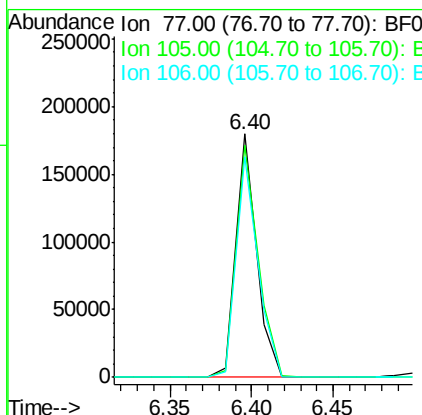
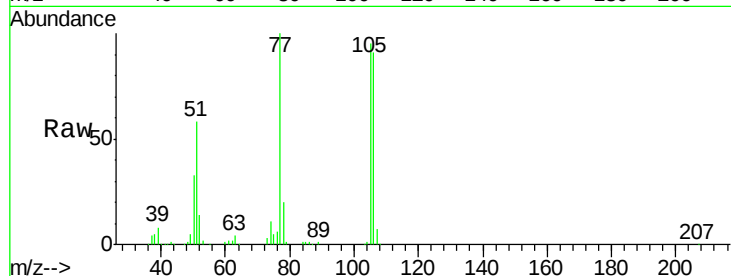
ClientSampleId :

PB87668BSD

Tot Ion:	77	Resp:	155652
Ion Ratio	Lower	Upper	
77	100		
105	95.4	83.0	123.0
106	90.6	74.6	114.6

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#10

Phenol

Concen: 33.42 ng

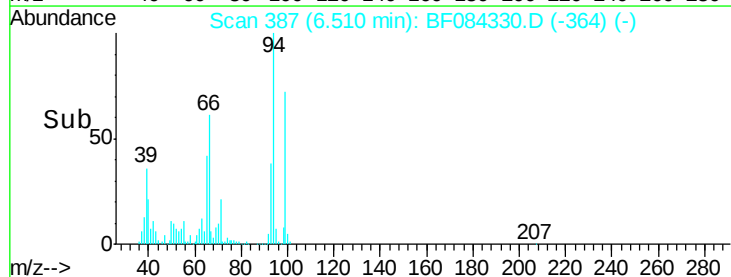
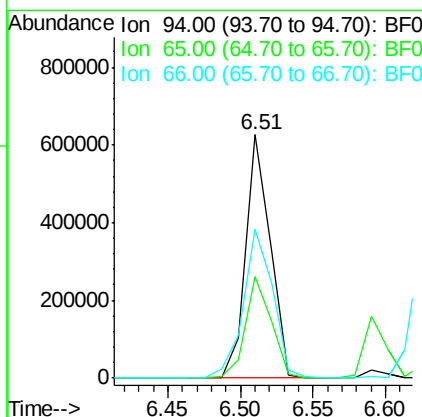
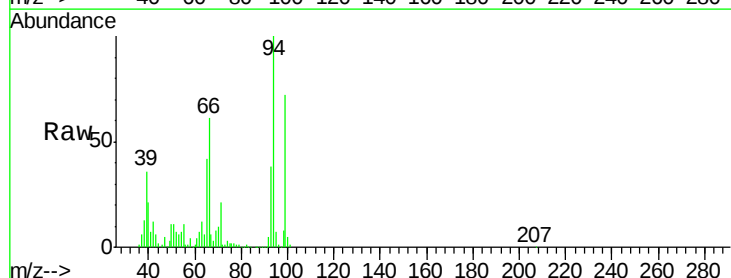
RT: 6.51 min Scan# 387

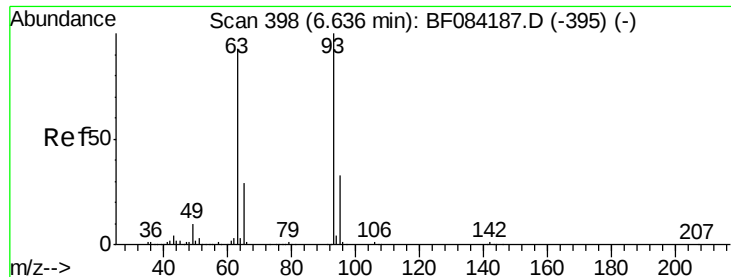
Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion:	94	Resp:	735653
Ion Ratio	Lower	Upper	
94	100		
65	41.8	12.9	52.9
66	61.2	32.7	72.7





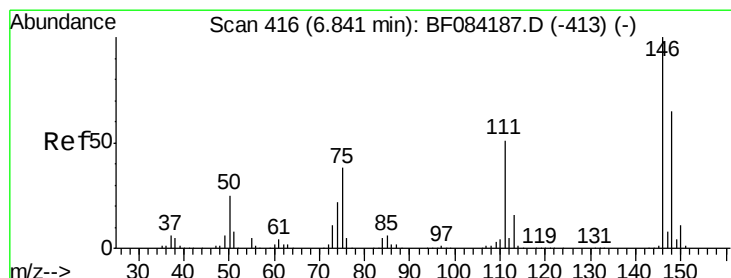
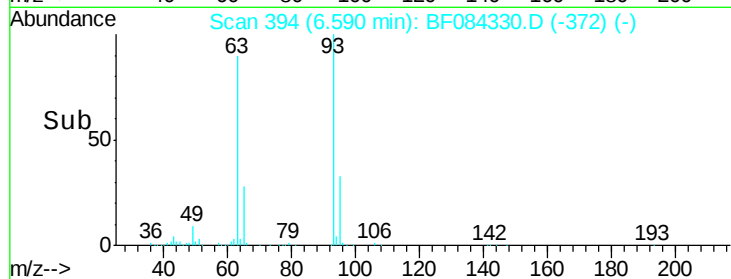
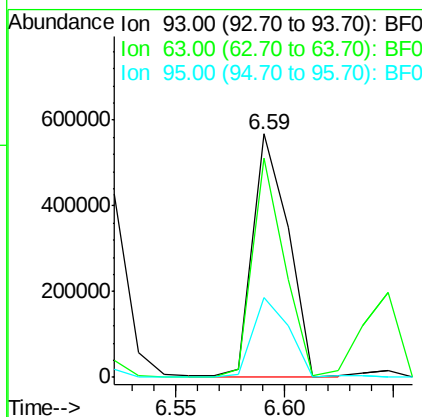
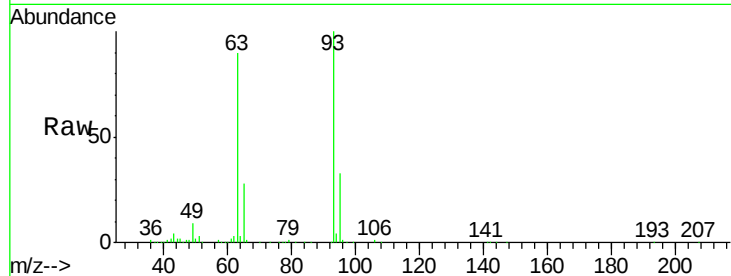
#11
bis(2-Chloroethyl)ether
Concen: 38.01 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	648116		
63	90.2	45.9	85.9#	
95	32.6	12.3	52.3	

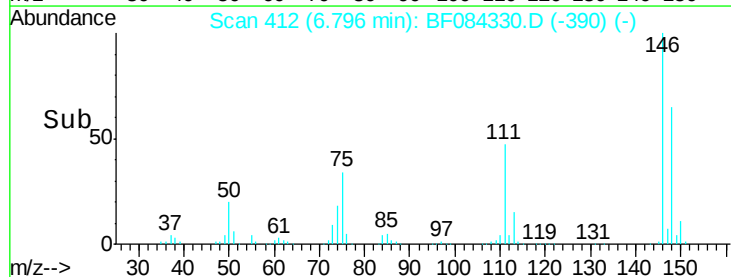
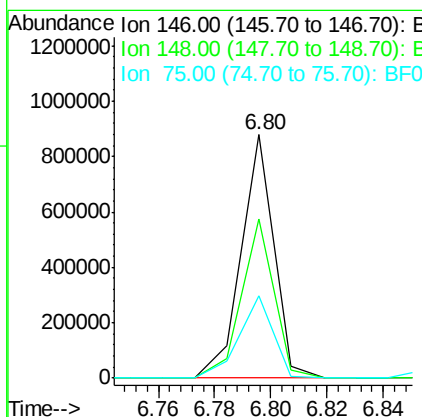
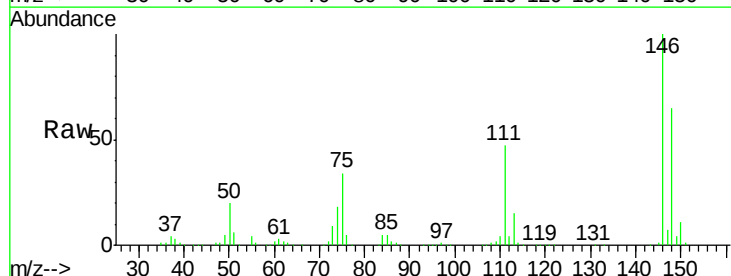
Manual Integrations
APPROVED

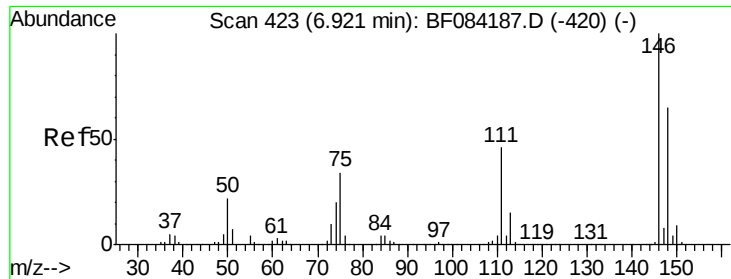
Sohil
1/10/2016 9:51:30 AM



#12
1,3-Dichlorobenzene
Concen: 39.45 ng m
RT: 6.80 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	711765		
148	65.3	51.9	77.9	
75	33.6	20.5	30.7#	





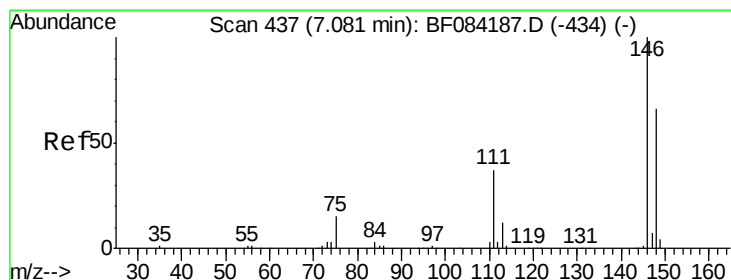
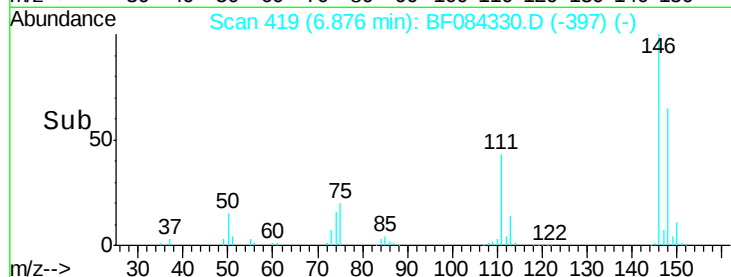
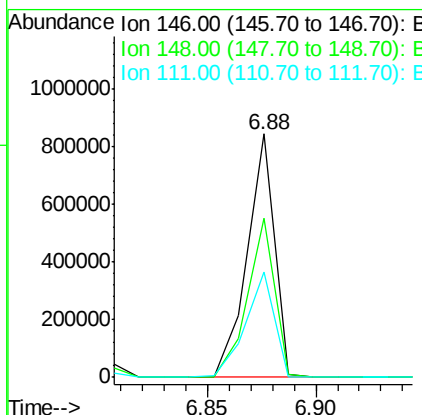
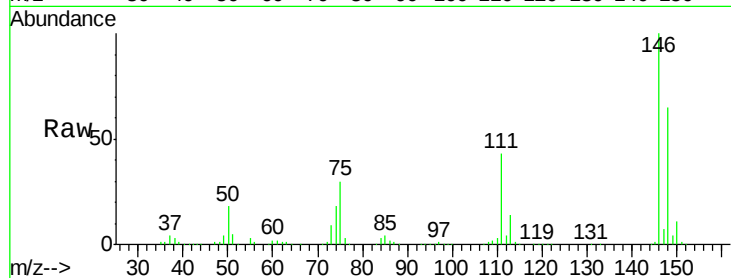
#13
 1,4-Dichlorobenzene
 Concen: 40.59 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	43.2	41.6	62.4

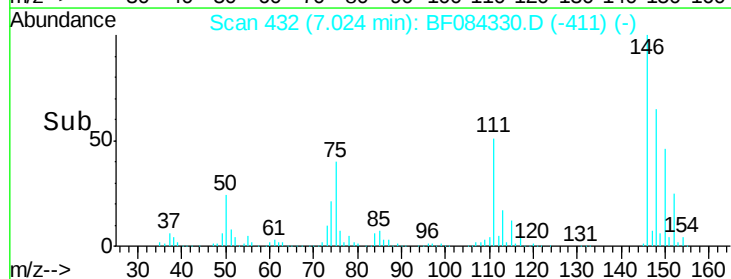
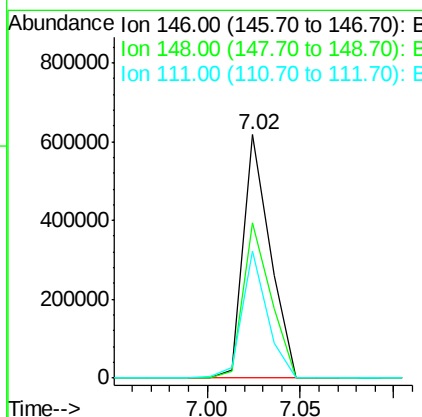
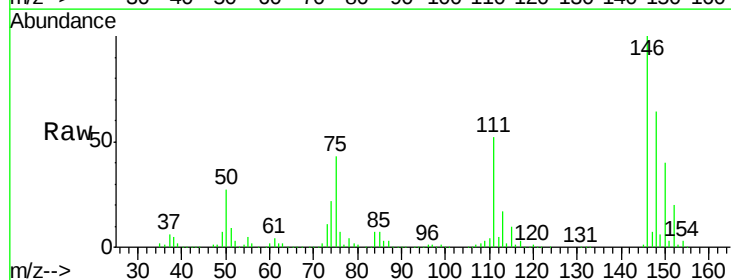
Manual Integrations
 APPROVED

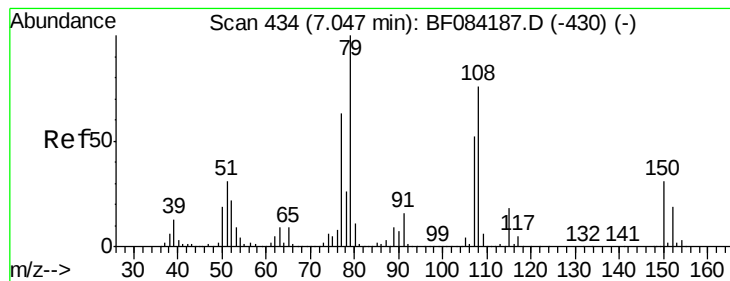
Sohil
 1/10/2016 9:51:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.61 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	52.2	38.0	57.0





#15

Benzyl Alcohol

Concen: 33.48 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

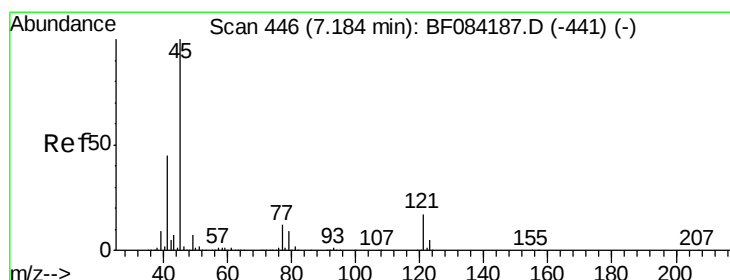
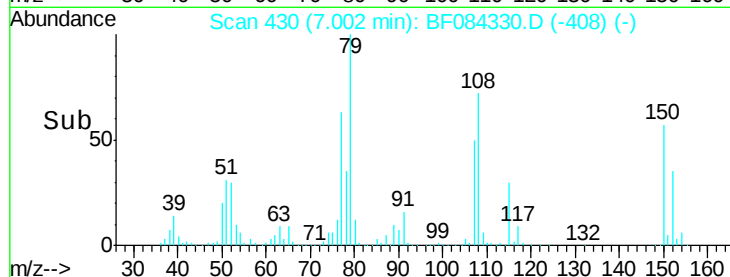
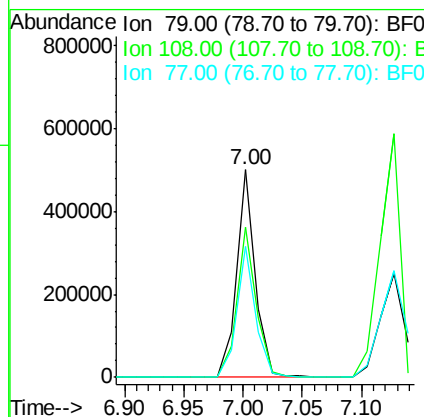
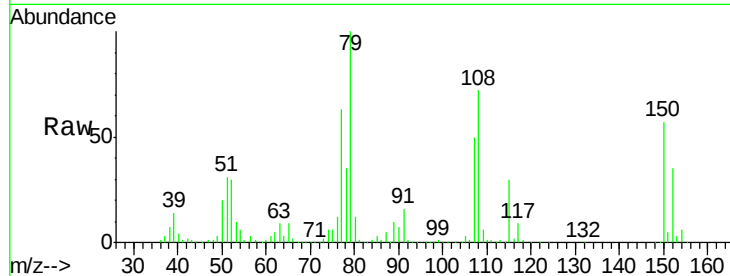
ClientSampleId :

PB87668BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	69.0	103.4
77	63.0	50.0	75.0

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.57 ng

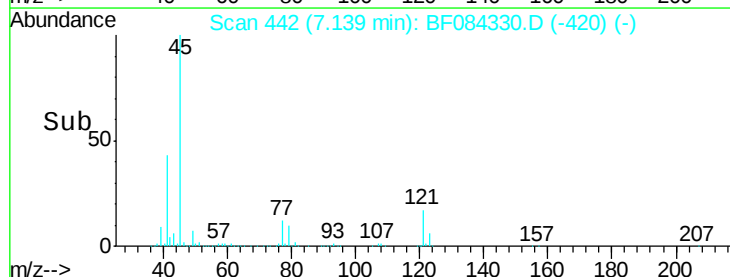
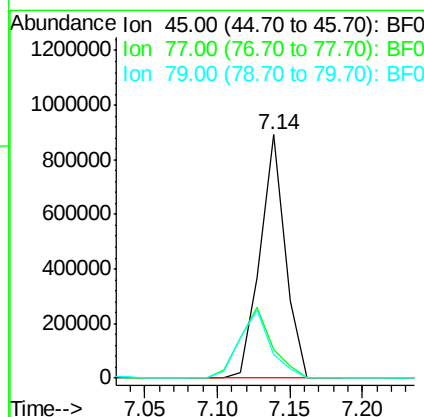
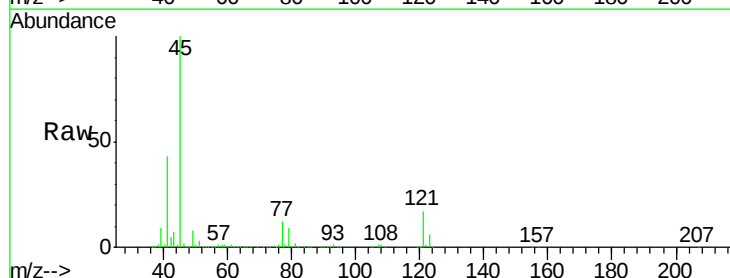
RT: 7.14 min Scan# 442

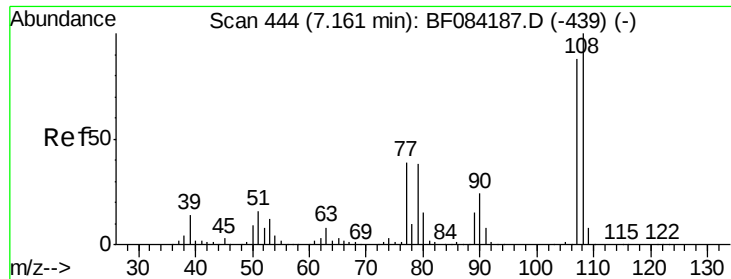
Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	39.6
79	9.5	0.0	35.0





#17

2-Methylphenol

Concen: 40.10 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

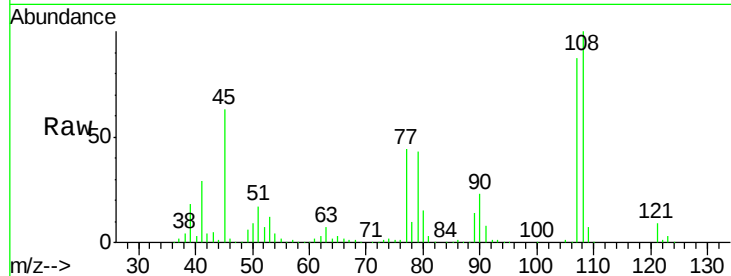
ClientSampleId :

PB87668BSD

Tot Ion	107	Resp	587797
Ion Ratio	Lower	Upper	
107	100		
108	114.8	89.8	134.6
77	50.4	35.7	53.5
79	48.8	35.7	53.5

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



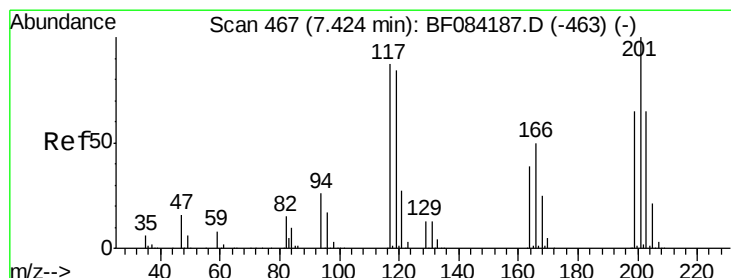
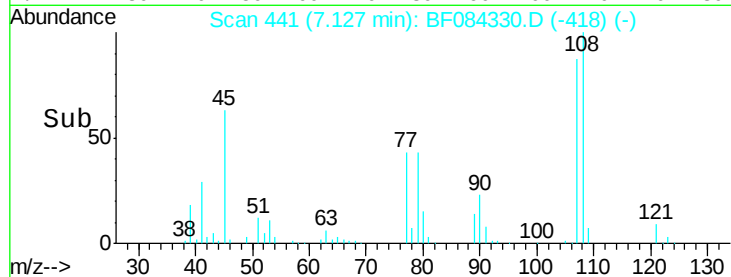
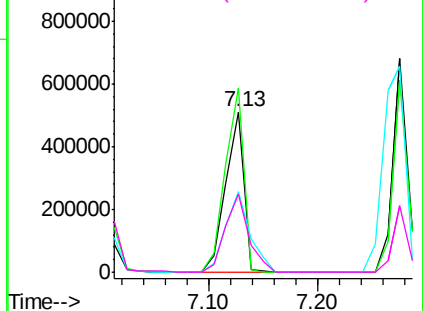
Abundance

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: 37.26 ng

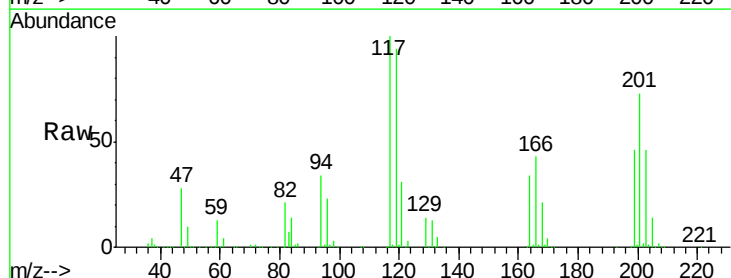
RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion	117	Resp	269571
Ion Ratio	Lower	Upper	
117	100		
119	94.2	77.4	116.0
201	72.5	68.6	103.0

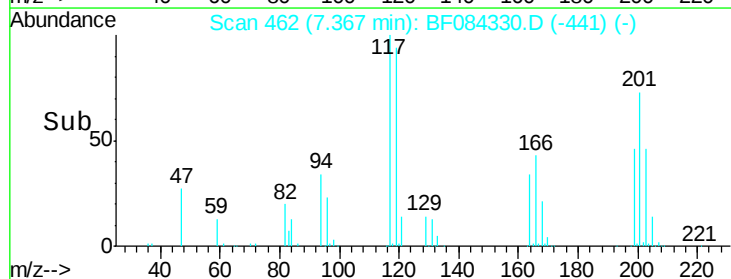
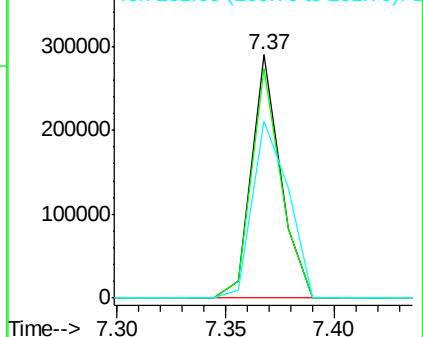


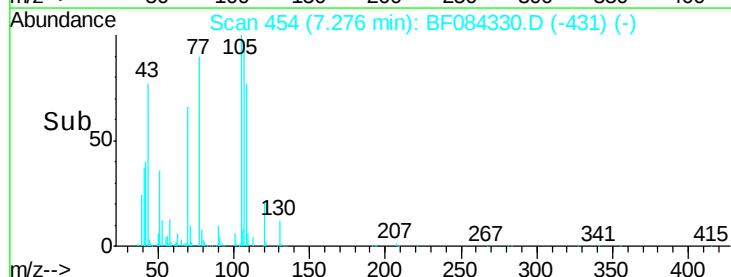
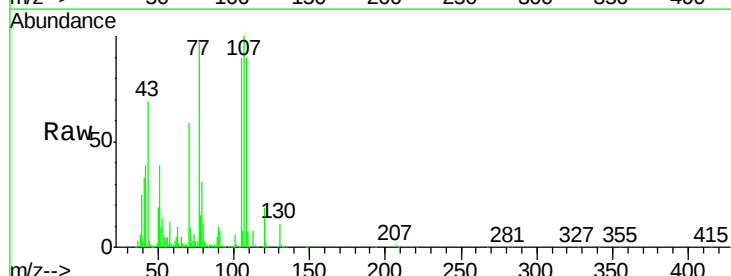
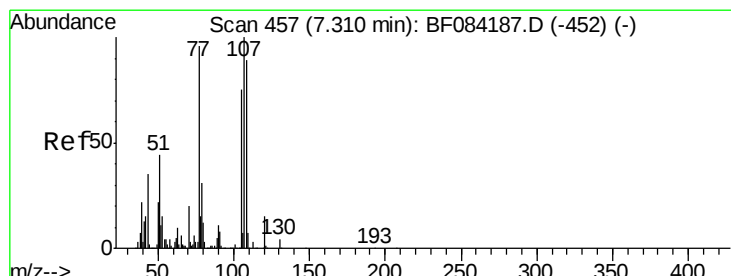
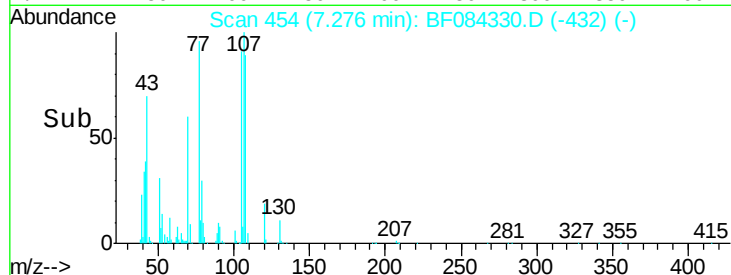
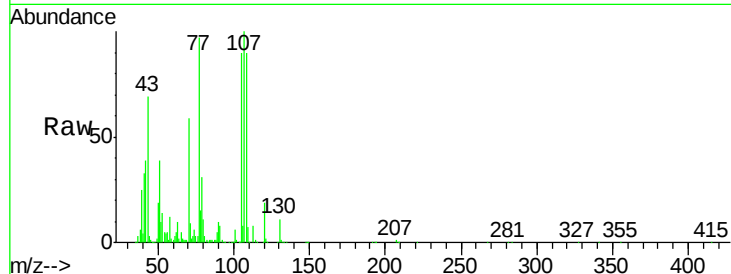
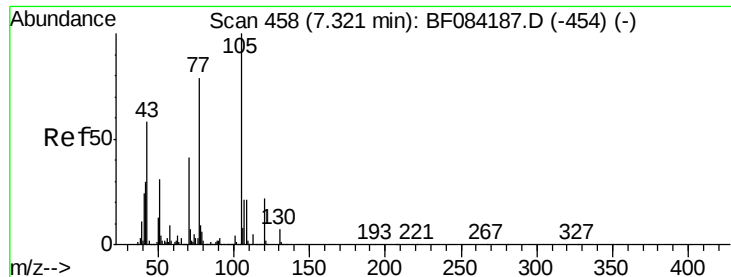
Abundance

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





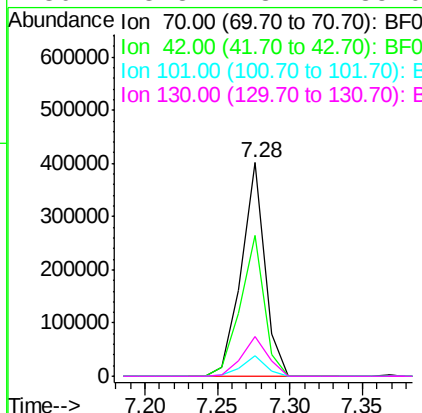
#19
n-Nitroso-di-n-propylamine
Concen: 34.66 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		454265		
42	65.9	33.3	49.9#		
101	9.4	9.3	13.9		
130	18.8	23.4	35.0#		

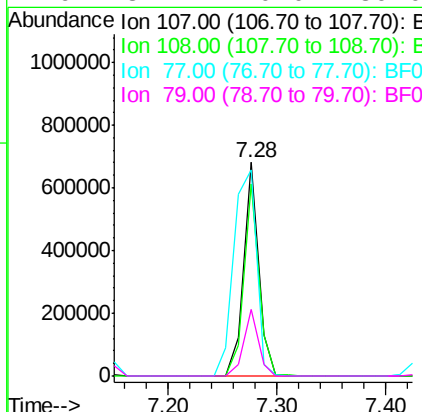
Manual Integrations
APPROVED

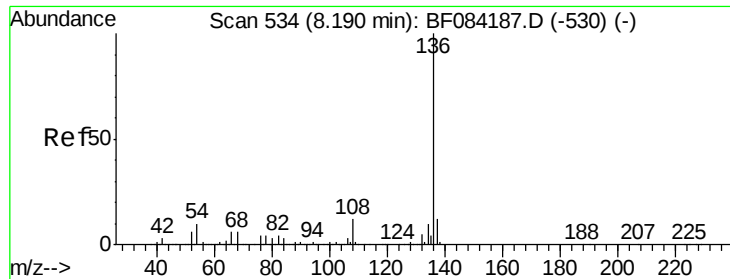
Sohil
1/10/2016 9:51:30 AM



#20
3+4-Methylphenols
Concen: 37.58 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		647487		
108	89.7	74.6	114.6		
77	96.6	0.7	40.7#		
79	31.1	0.0	39.0		





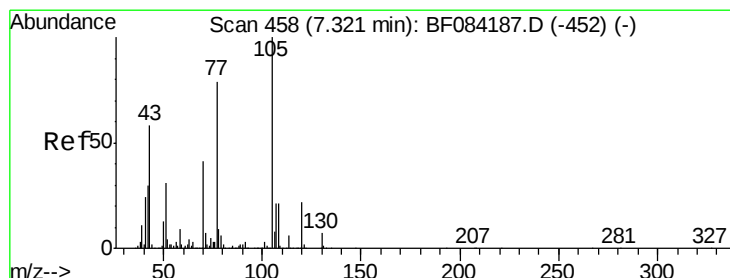
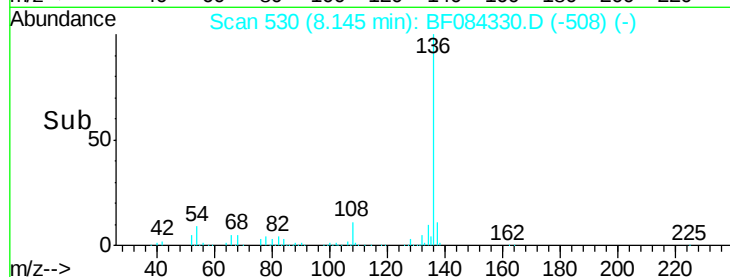
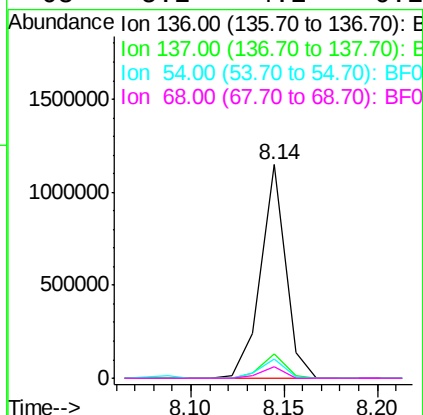
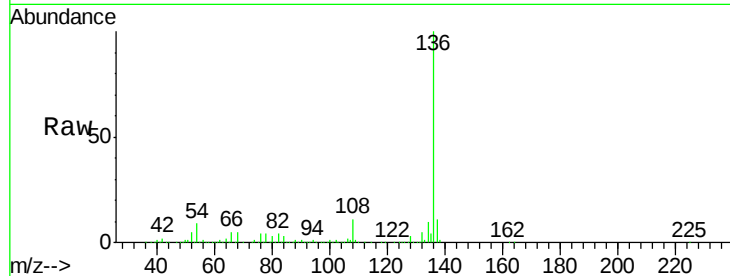
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	136	Resp	1054539
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.1	5.8	8.8#
68	5.2	4.2	6.2

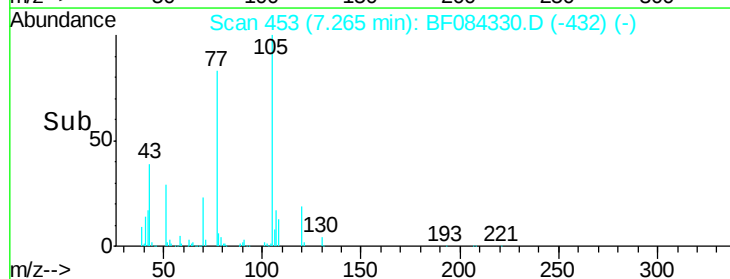
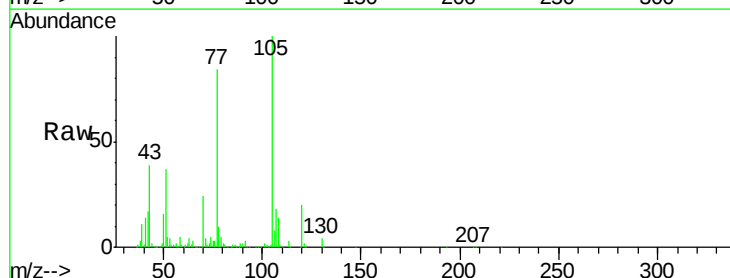
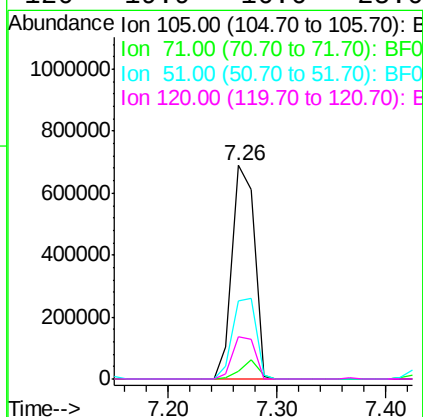
Manual Integrations
APPROVED

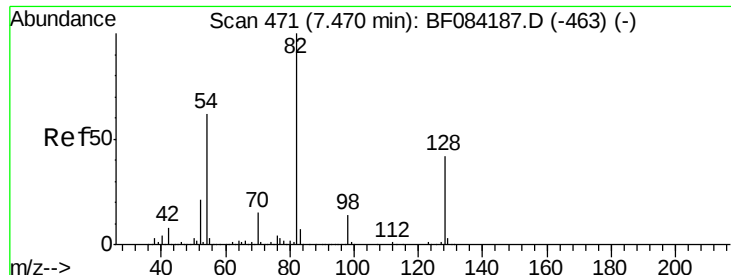
Sohil
1/10/2016 9:51:30 AM



#22
Acetophenone
Concen: 38.36 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	105	Resp	972626
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.7	5.5
51	36.5	25.1	37.7
120	19.9	16.6	25.0





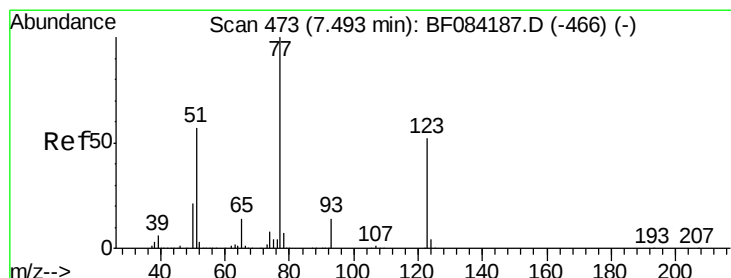
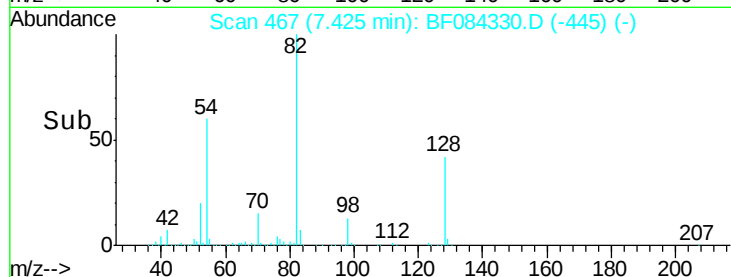
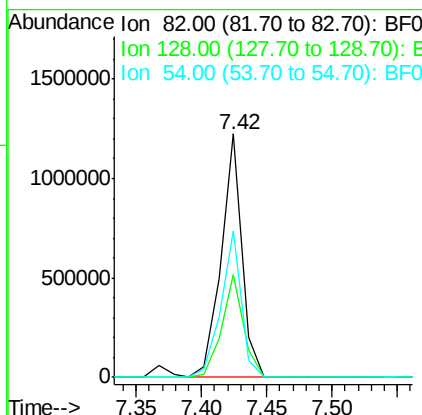
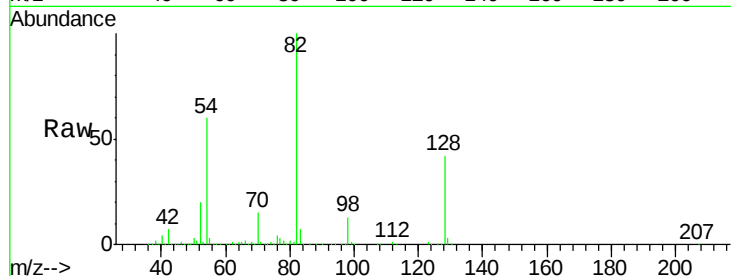
#23
 Nitrobenzene-d5
 Concen: 71.78 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion	82	Resp	1360098
Ion Ratio	100	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	60.3	38.4	57.6

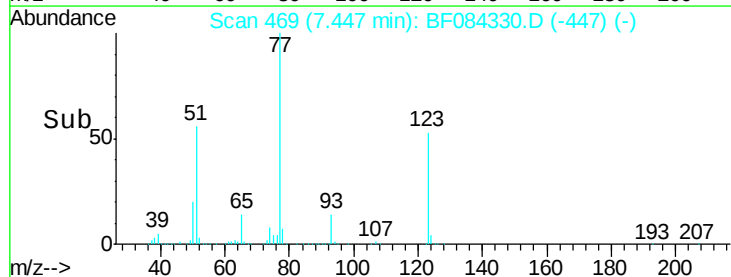
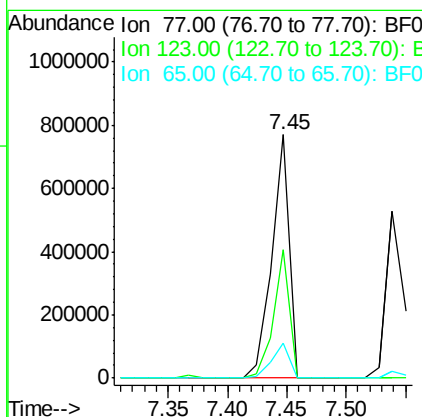
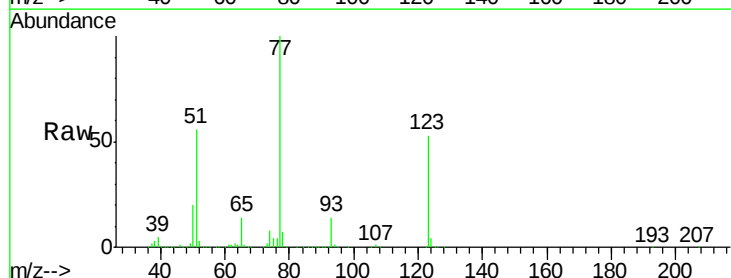
Manual Integrations
 APPROVED

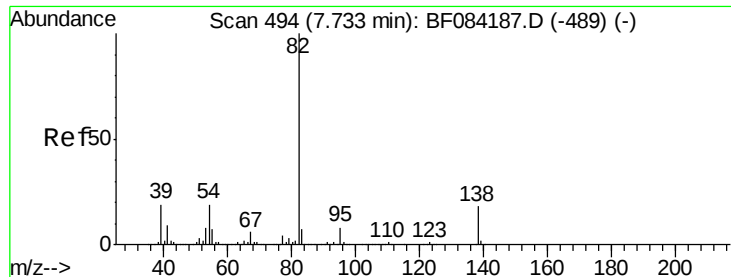
Sohil
 1/10/2016 9:51:30 AM



#24
 Nitrobenzene
 Concen: 40.74 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Tgt Ion	77	Resp	782902
Ion Ratio	100	Lower	Upper
77	100		
123	52.6	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 37.55 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion: 82 Resp: 1360769

Ion Ratio Lower Upper

82 100

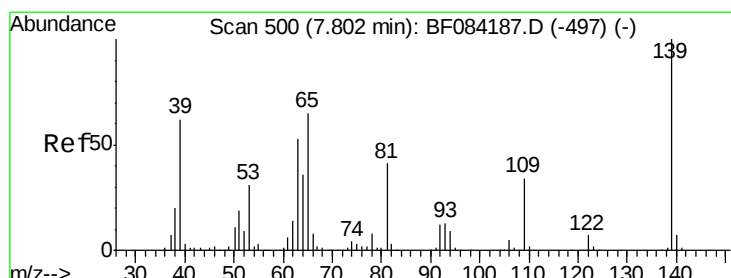
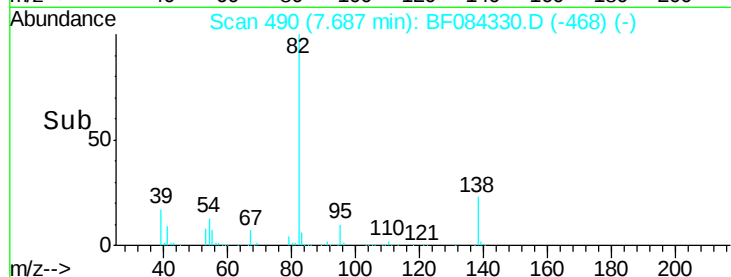
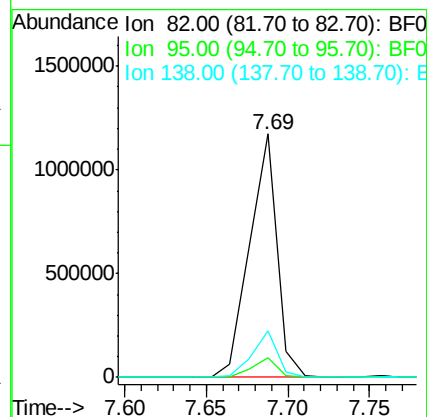
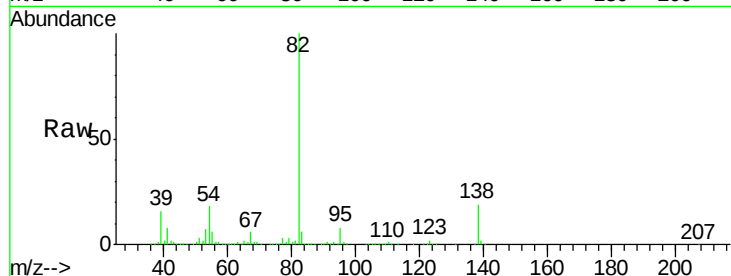
95 8.1 6.6 10.0

138 19.0 13.6 20.4

Manual Integrations
APPROVED

Sohil

1/10/2016 9:51:30 AM



#26

2-Nitrophenol

Concen: 39.42 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

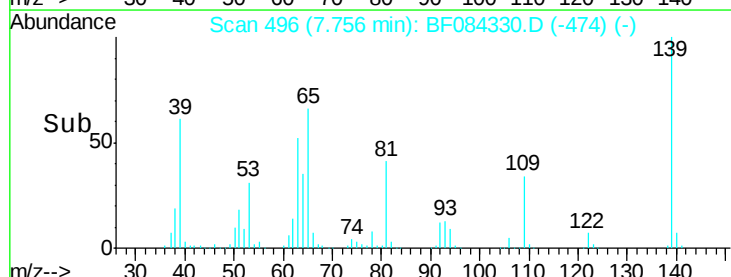
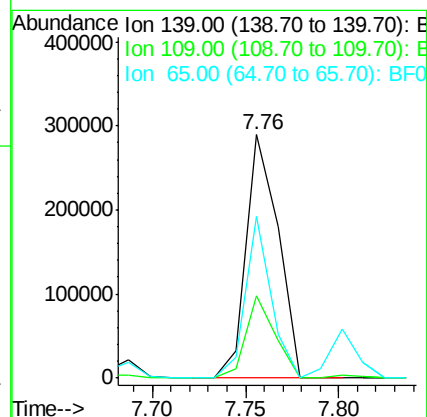
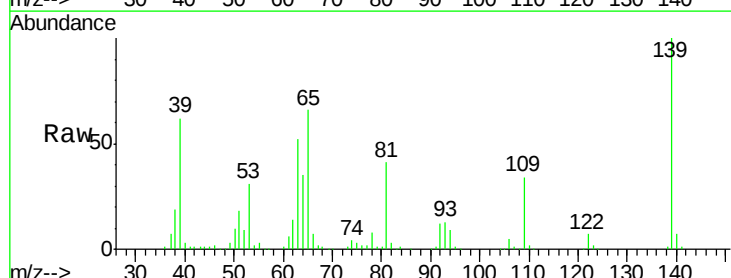
Tgt Ion: 139 Resp: 344794

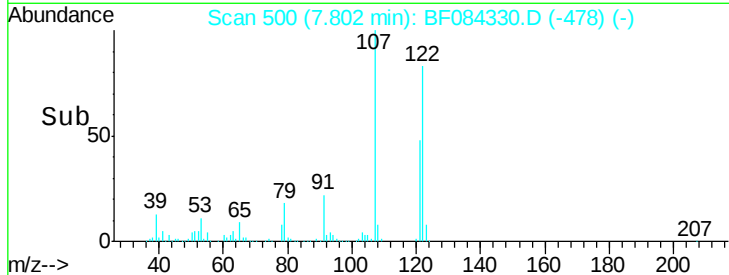
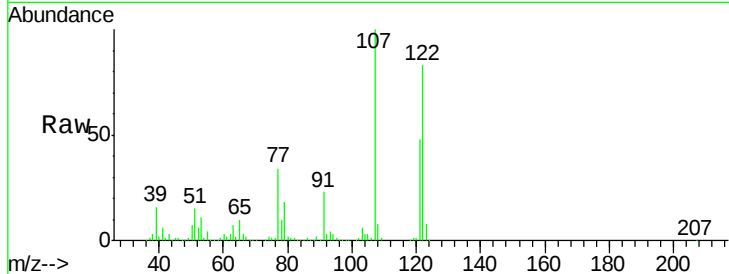
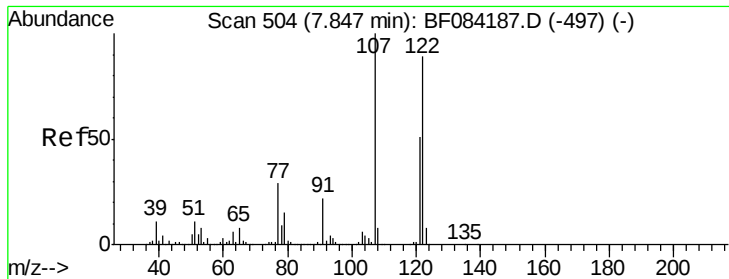
Ion Ratio Lower Upper

139 100

109 33.8 25.4 38.2

65 66.2 32.3 48.5#





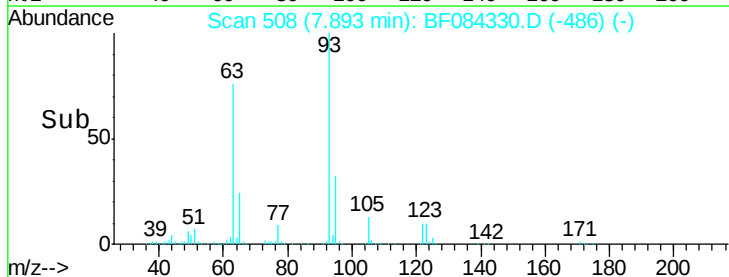
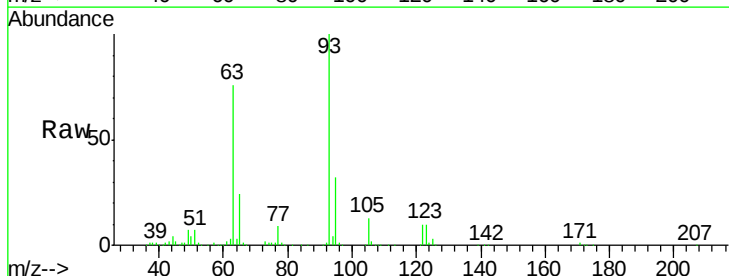
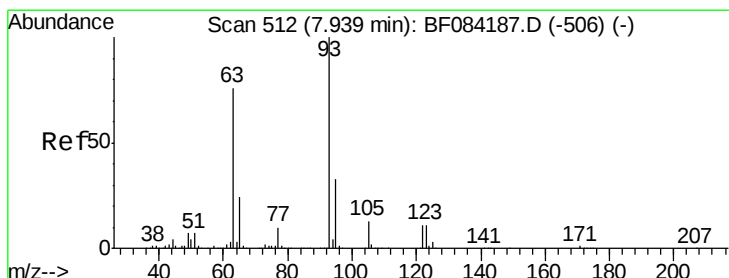
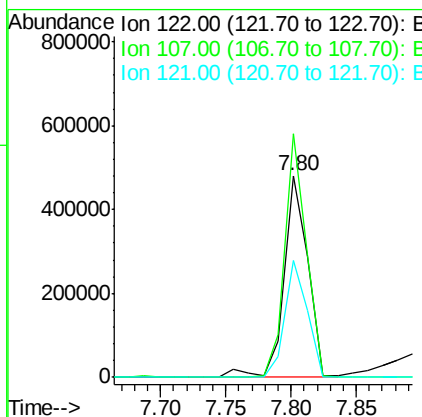
#27
2,4-Dimethylphenol
Concen: 34.87 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tot Ion	Ratio	Resp	Lower	Upper
122	100	617308		
107	120.8	99.1	148.7	
121	57.9	47.9	71.9	

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

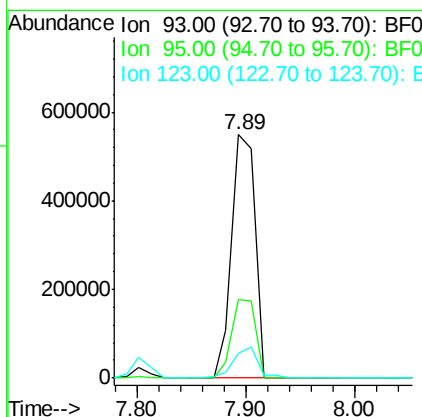
Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.61 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	810423		
95	32.4	25.8	38.6	
123	10.4	8.6	12.8	





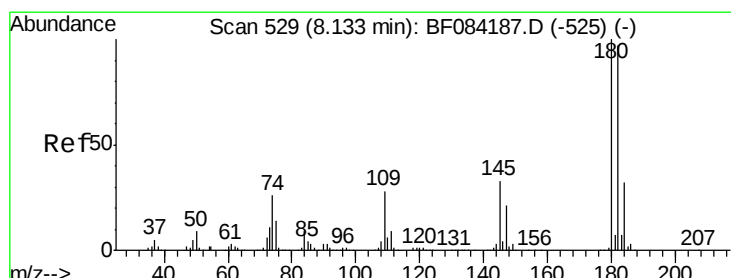
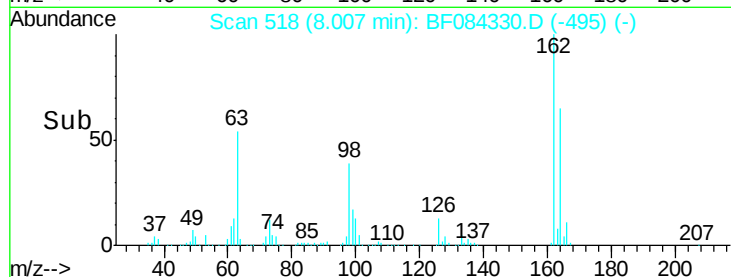
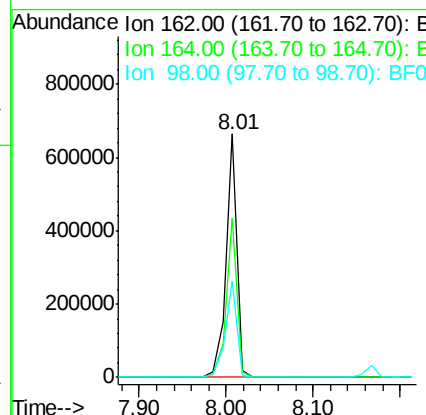
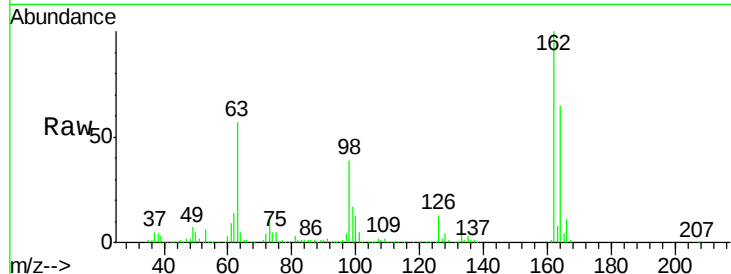
#29
2,4-Dichlorophenol
Concen: 40.01 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	590046		
164	65.4		44.1	84.1
98	39.4		20.2	60.2

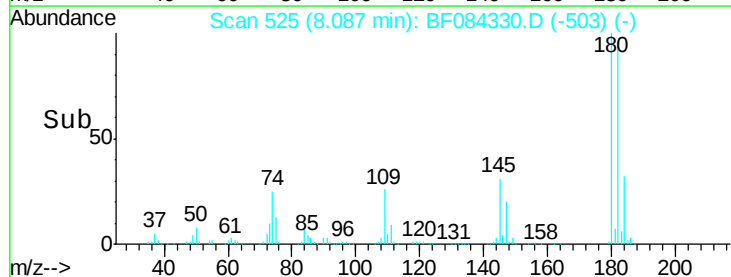
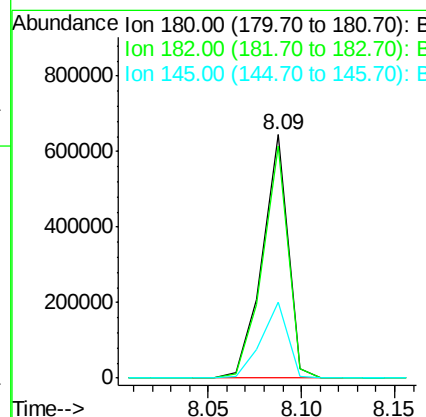
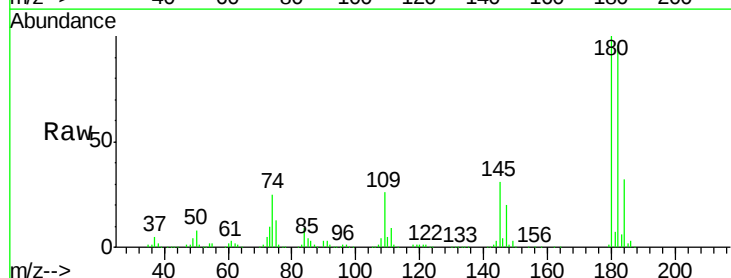
Manual Integrations
APPROVED

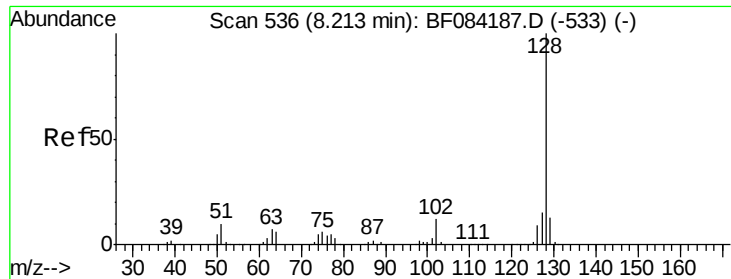
Sohil
1/10/2016 9:51:30 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.17 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	611577		
182	95.6		76.4	114.6
145	31.4		31.6	47.4#





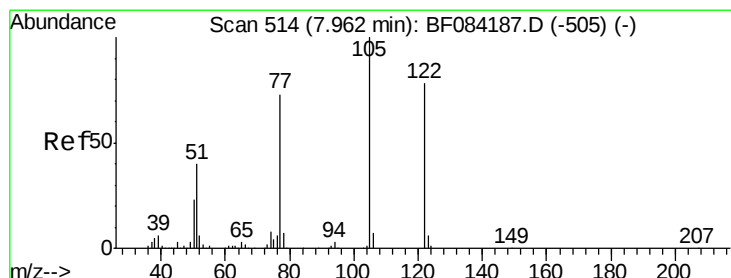
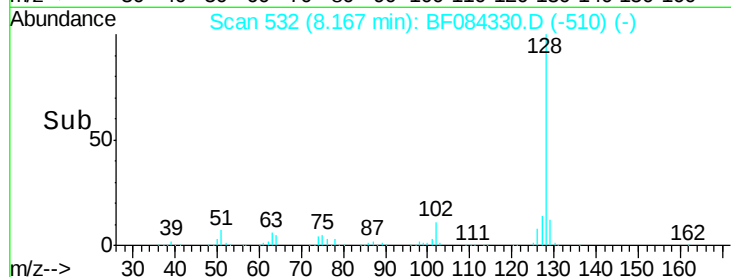
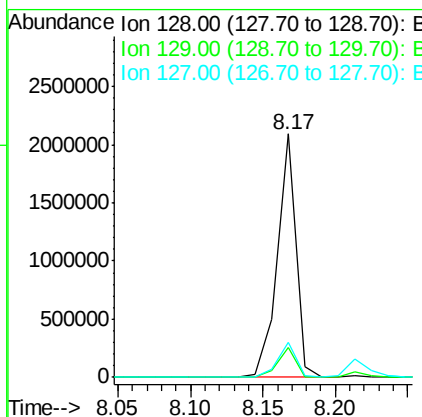
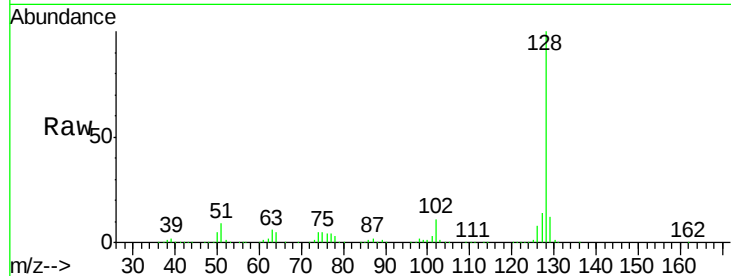
#31
Naphthalene
Concen: 39.04 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	14.5	11.1	16.7

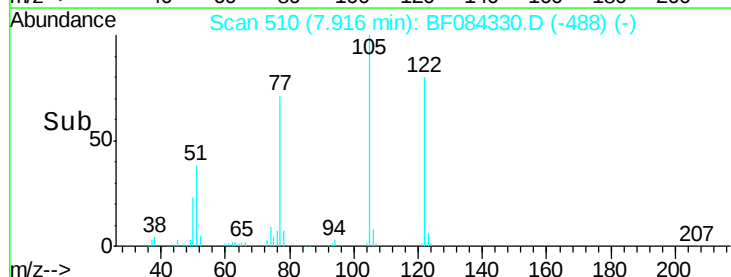
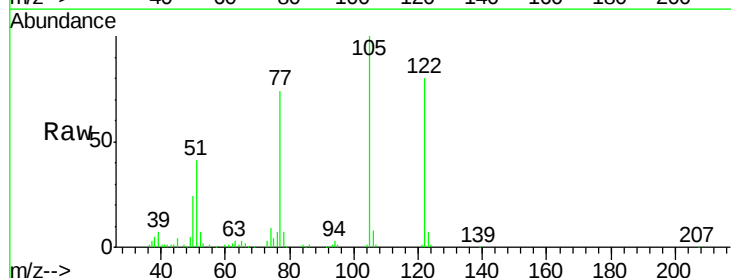
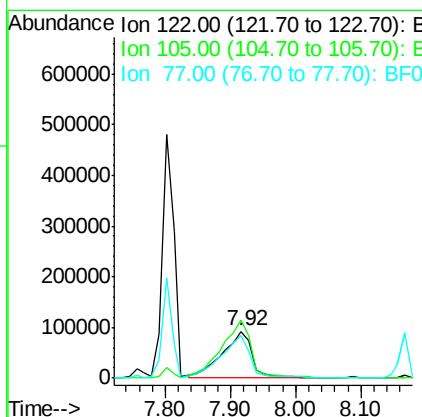
Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#32
Benzoic acid
Concen: 28.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	100.3	140.3
77	92.6	63.5	103.5





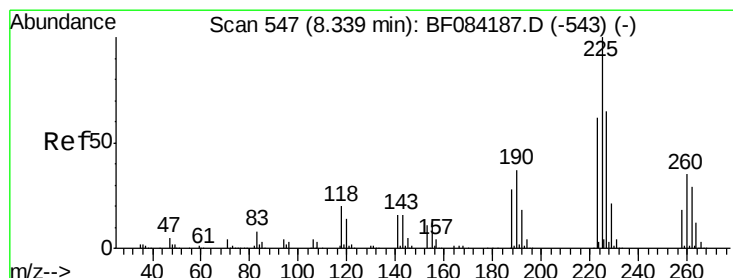
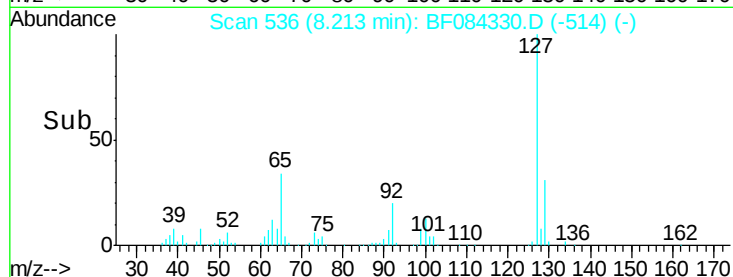
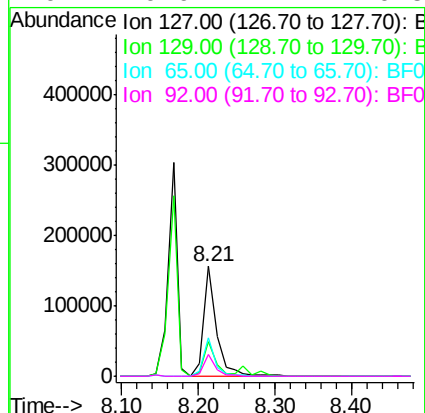
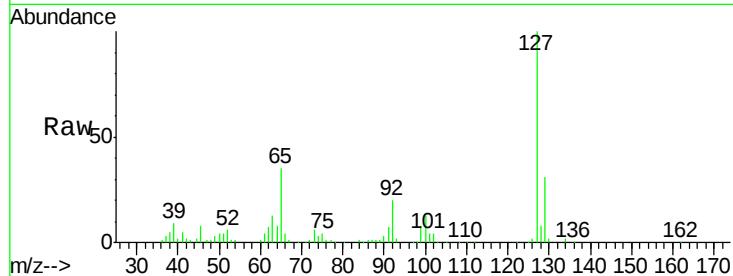
#33
4-Chloroaniline
Concen: 8.18 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		179468		
129	31.5	26.5	39.7		
65	34.6	27.2	40.8		
92	19.9	17.7	26.5		

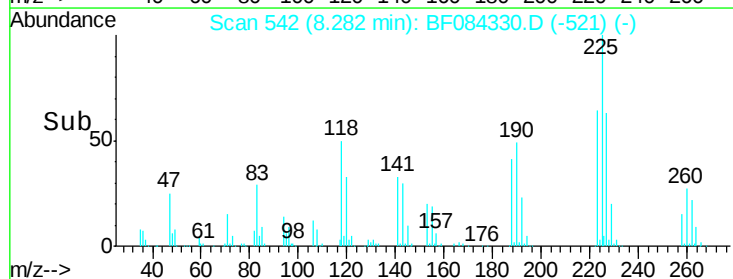
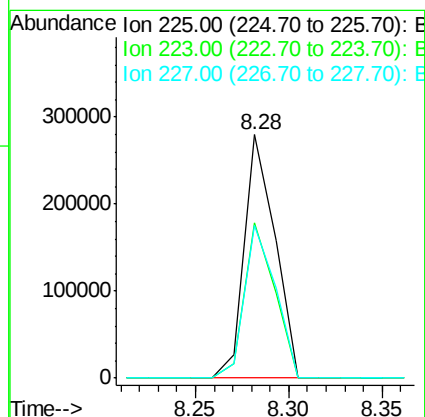
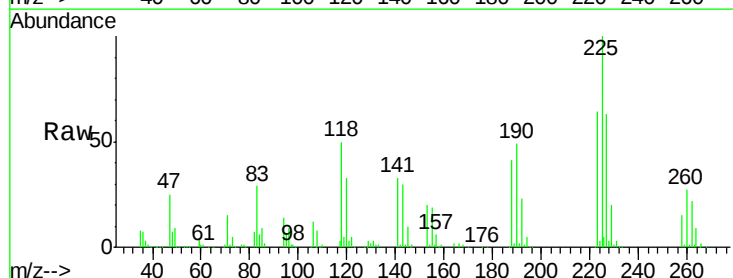
Manual Integrations
APPROVED

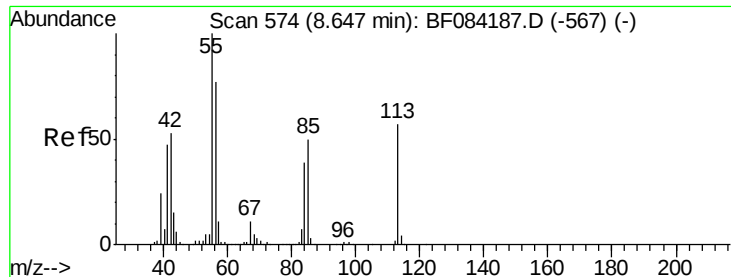
Sohil
1/10/2016 9:51:30 AM



#34
Hexachlorobutadiene
Concen: 36.47 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		319205		
223	64.0	49.4	74.0		
227	62.8	50.8	76.2		





#35

Caprolactam

Concen: 39.07 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

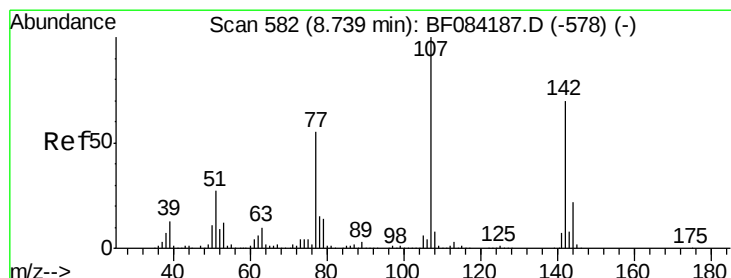
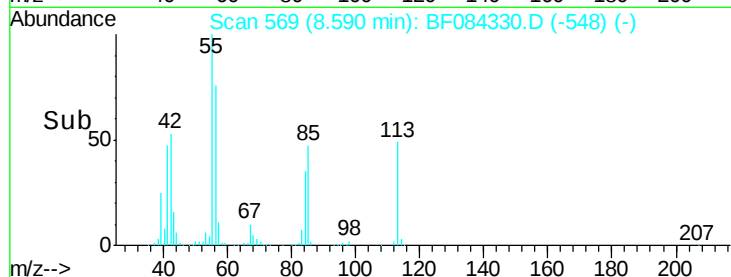
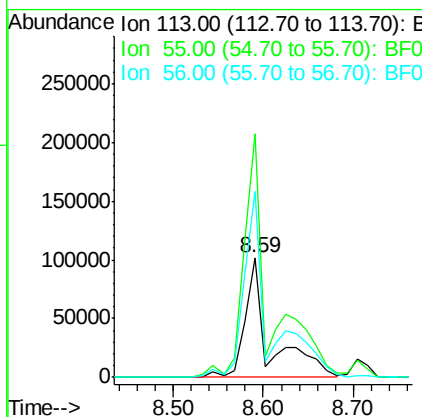
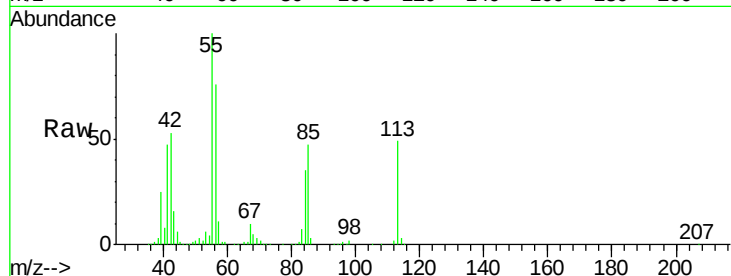
ClientSampled :

PB87668BSD

Tot Ion:	113	Resp:	194240
Ion Ratio	Lower	Upper	
113	100		
55	203.2	116.9	156.9#
56	155.1	93.8	133.8#

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#36

4-Chloro-3-methylphenol

Concen: 39.92 ng/ml

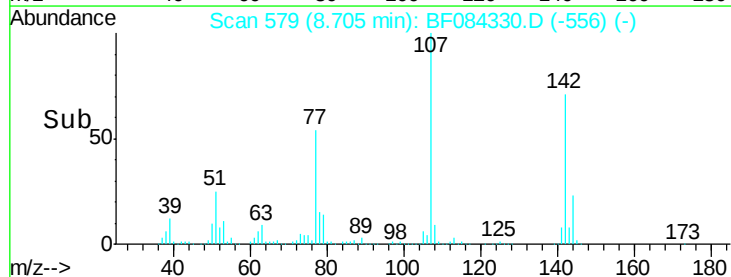
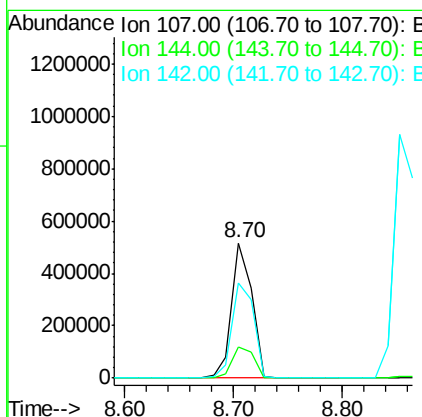
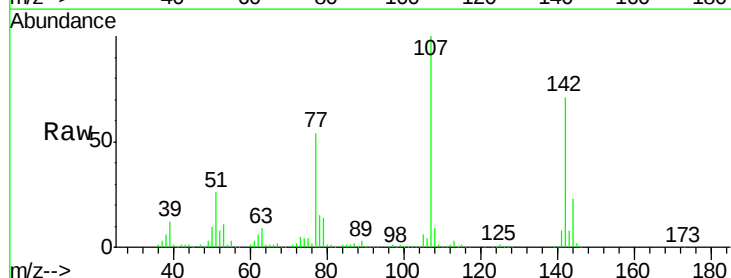
RT: 8.70 min Scan# 579

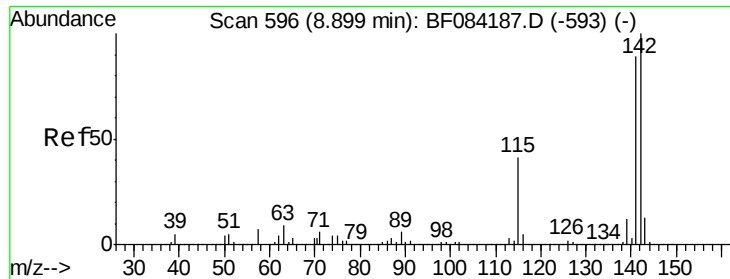
Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion:	107	Resp:	659478
Ion Ratio	Lower	Upper	
107	100		
144	22.7	19.7	29.5
142	70.8	61.8	92.6





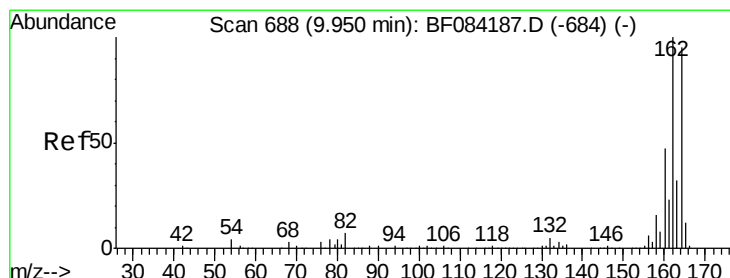
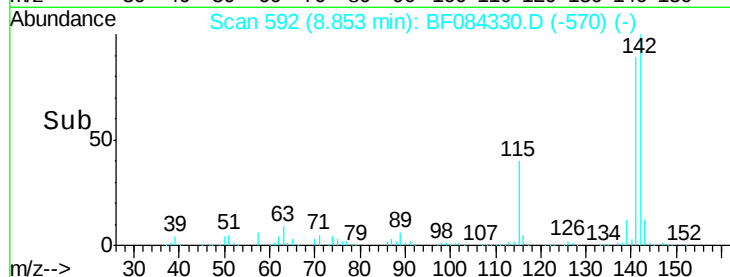
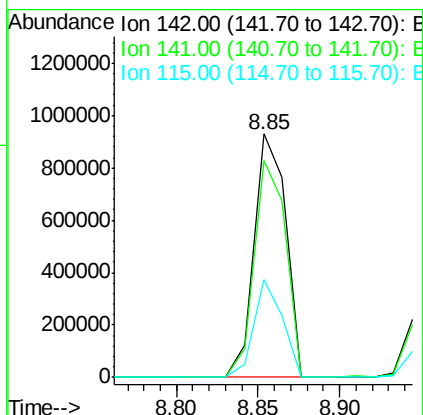
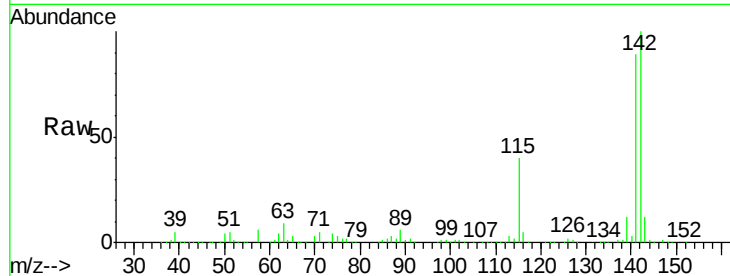
#37
2-Methylnaphthalene
Concen: 36.40 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.4	108.6
115	40.3	27.9	41.9

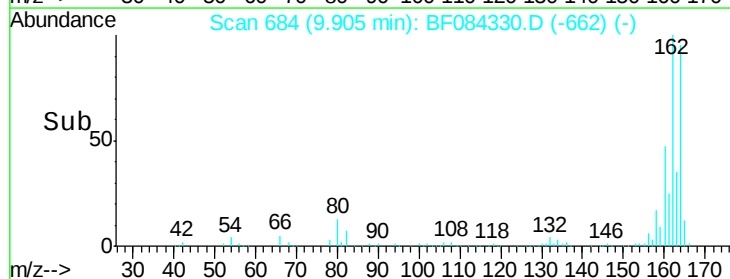
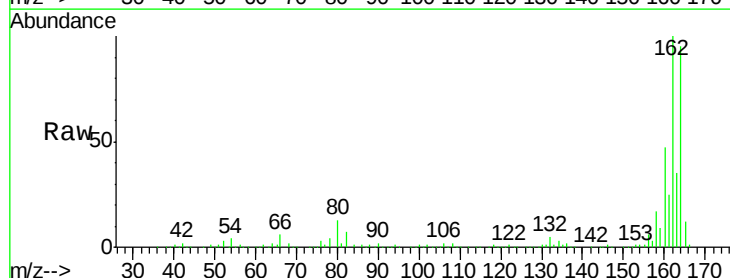
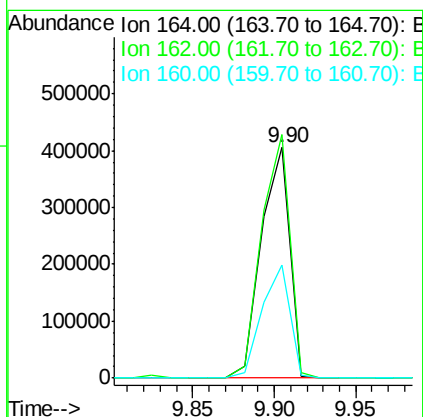
Manual Integrations
APPROVED

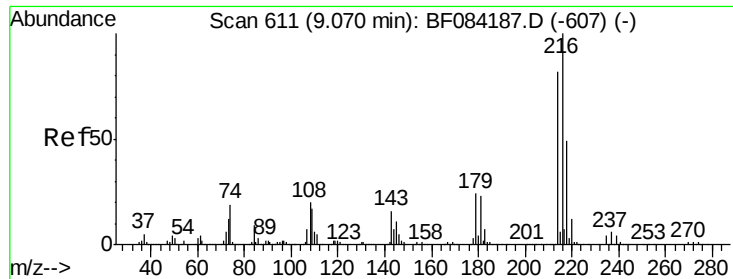
Sohil
1/10/2016 9:51:30 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	49.2	37.5	56.3





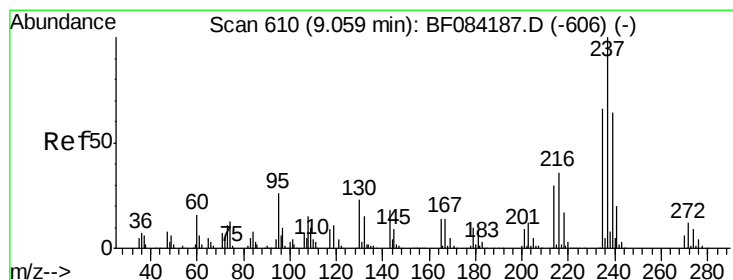
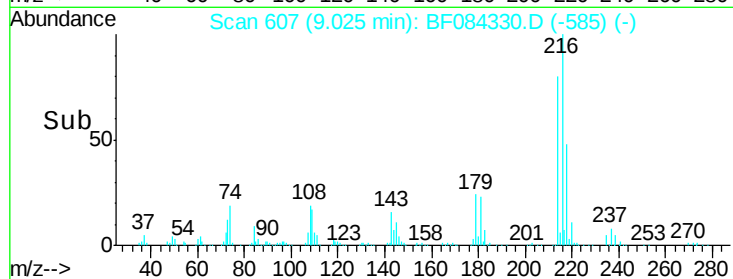
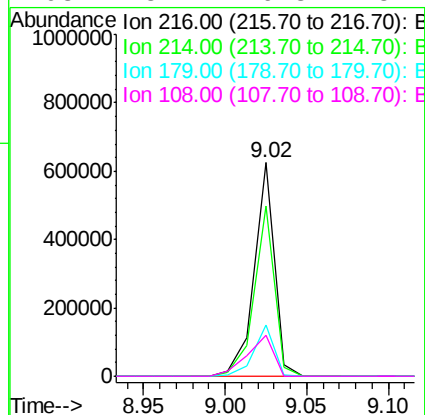
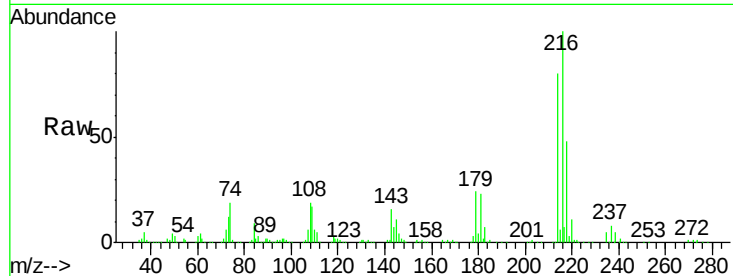
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.27 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion:	216	Resp:	539514
Ion Ratio		Lower	Upper
216	100		
214	79.3	64.2	96.2
179	24.2	18.7	28.1
108	25.1	16.8	25.2

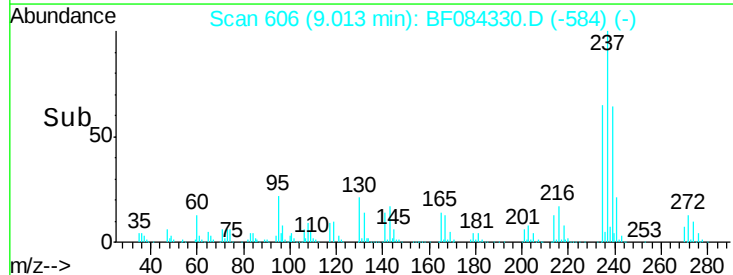
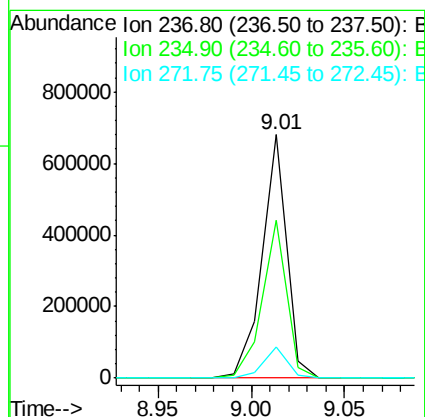
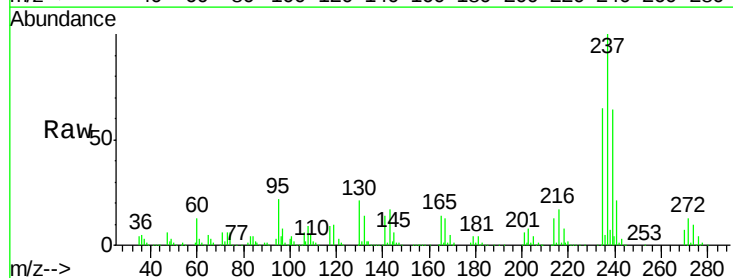
Manual Integrations
 APPROVED

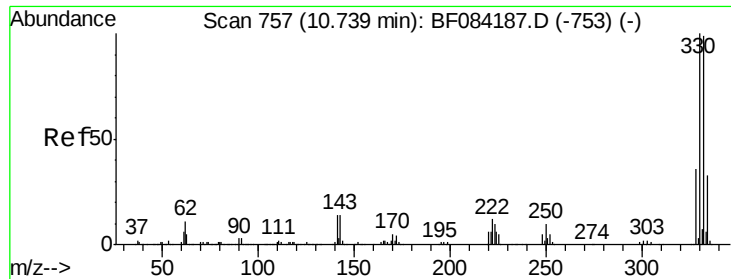
Sohil
 1/10/2016 9:51:30 AM



#40
 Hexachlorocyclopentadiene
 Concen: 72.24 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Tgt Ion:	237	Resp:	614828
Ion Ratio		Lower	Upper
237	100		
235	64.7	43.1	83.1
272	12.9	0.0	35.1





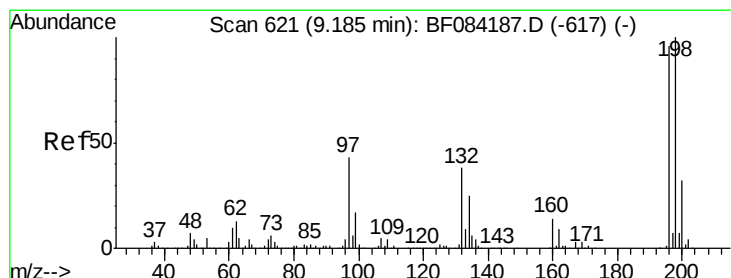
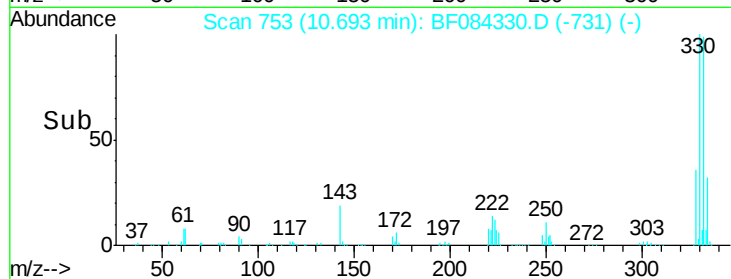
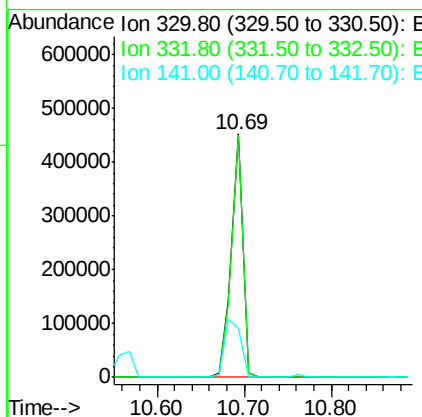
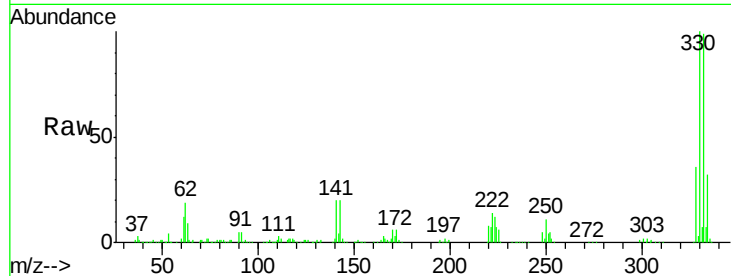
#41
 2,4,6-Tribromophenol
 Concen: 85.03 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	420997		
332	97.9	76.6	114.8	
141	34.2	27.8	41.6	

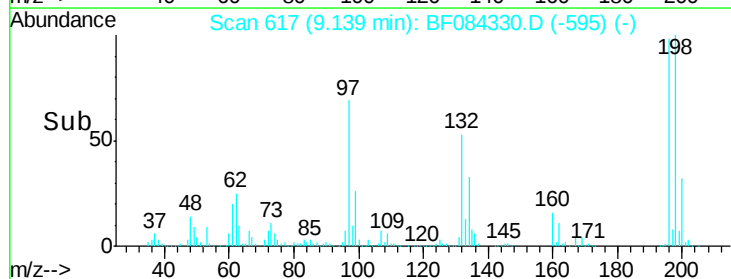
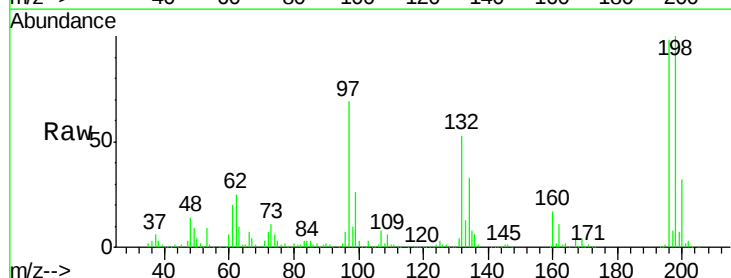
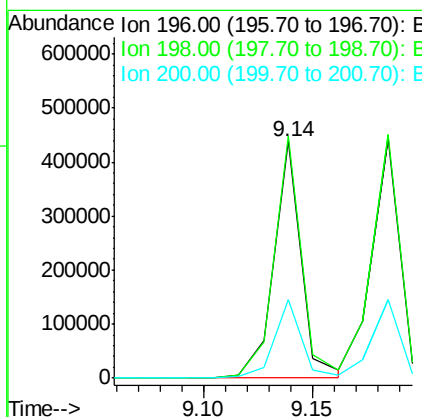
Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM



#42
 2,4,6-Trichlorophenol
 Concen: 36.81 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	388268		
198	102.3	77.7	116.5	
200	33.1	24.6	37.0	





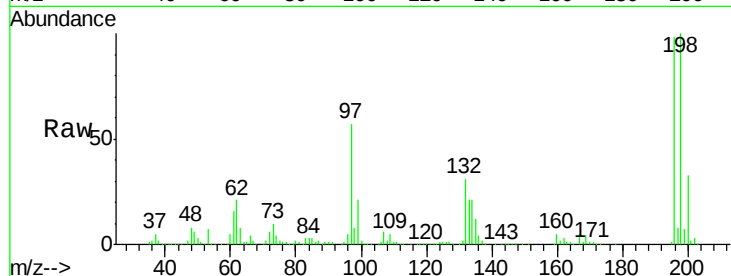
#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	400463		
198	101.5	79.0	118.6	
97	57.6	33.0	49.6	
132	31.6	21.1	31.7	

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM



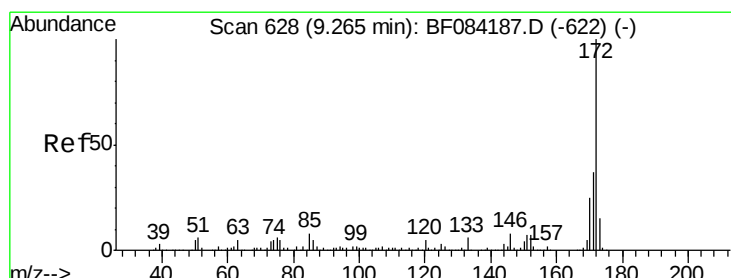
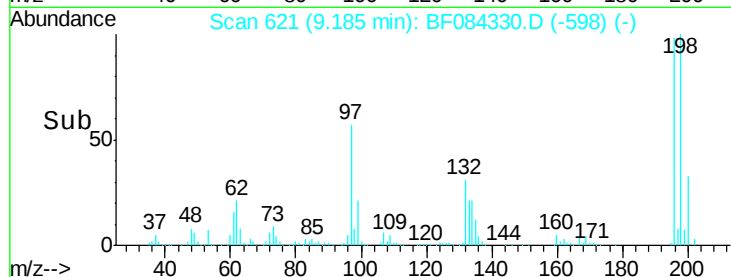
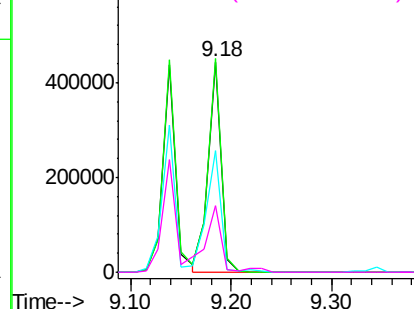
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.86 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

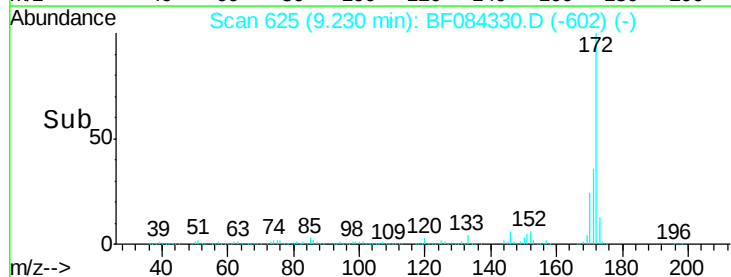
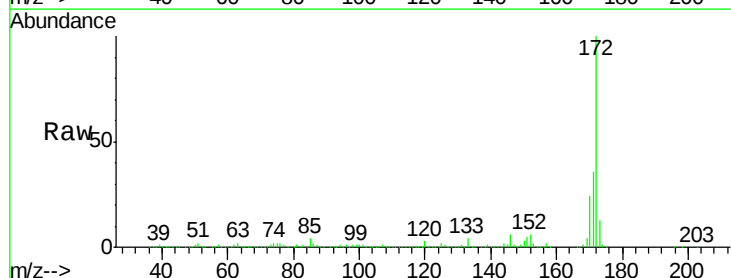
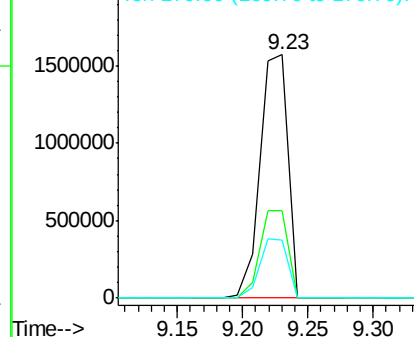
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2340161		
171	36.1	28.9	43.3	
170	24.1	18.6	27.8	

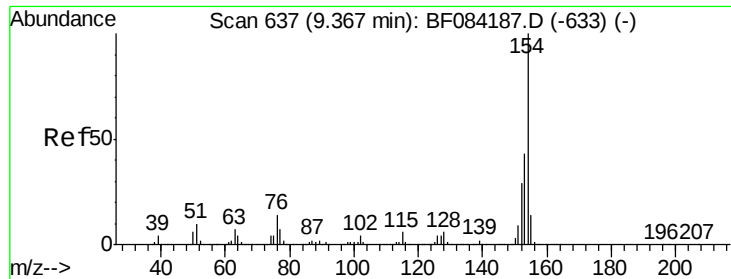
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





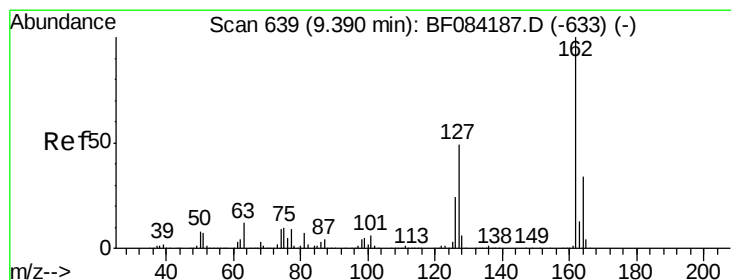
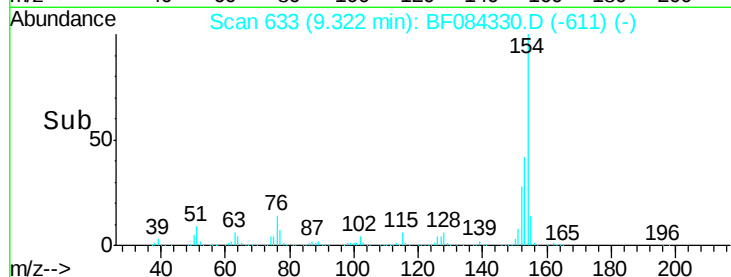
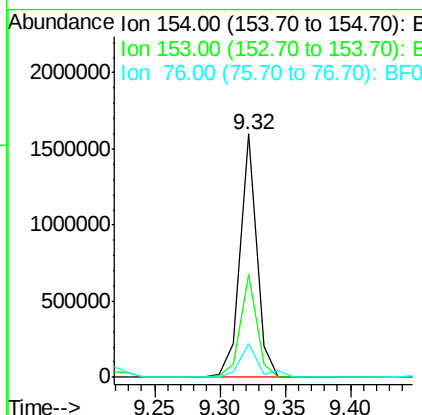
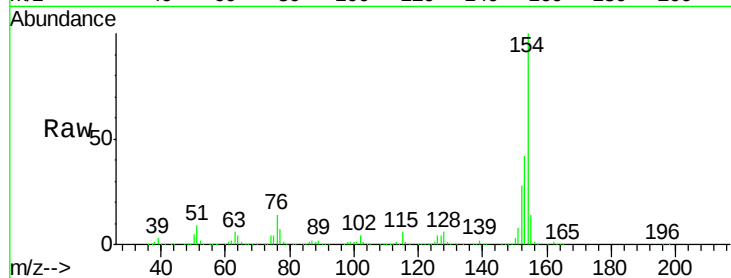
#45
1,1'-Biphenyl
Concen: 36.11 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.6	61.6
76	13.7	0.0	32.7

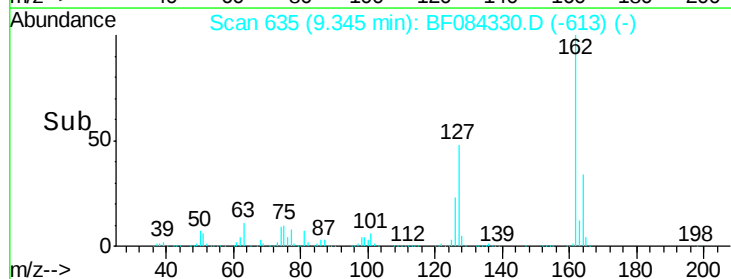
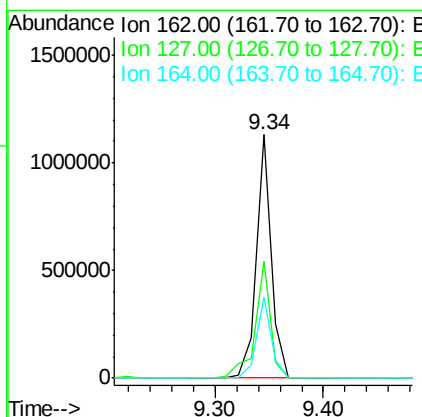
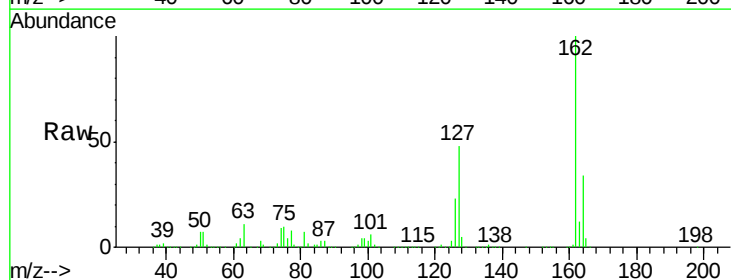
Manual Integrations
APPROVED

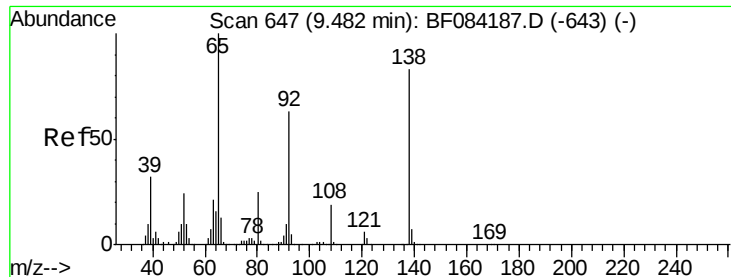
Sohil
1/10/2016 9:51:30 AM



#46
2-Chloronaphthalene
Concen: 35.58 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.8	40.2	60.4
164	33.5	25.7	38.5





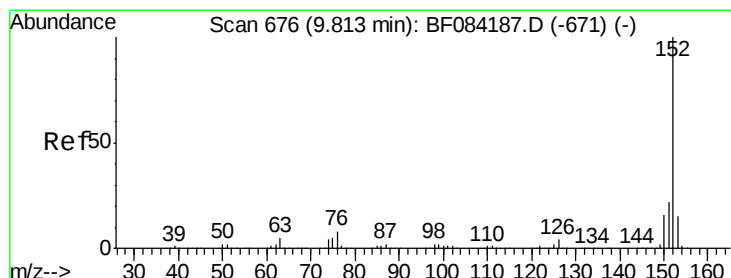
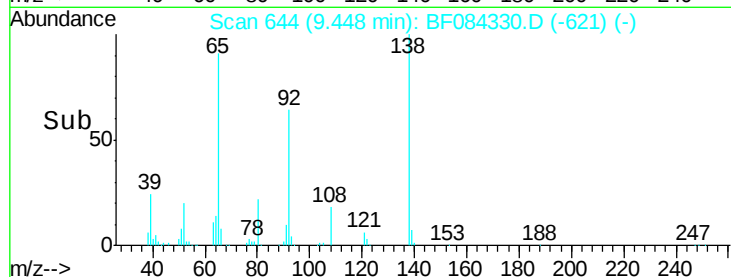
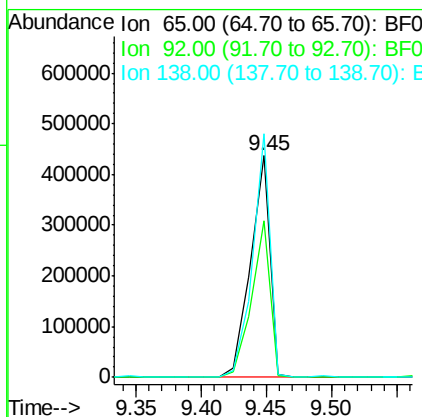
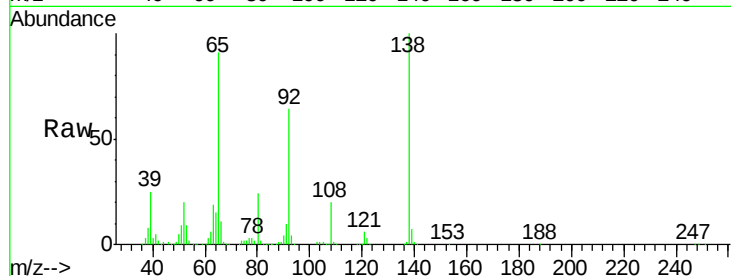
#47
2-Nitroaniline
Concen: 44.84 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.4	80.2
138	109.8	71.1	106.7

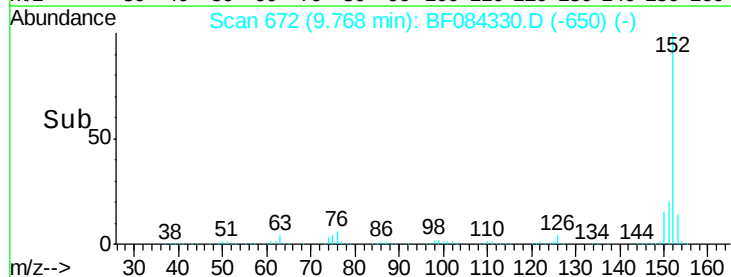
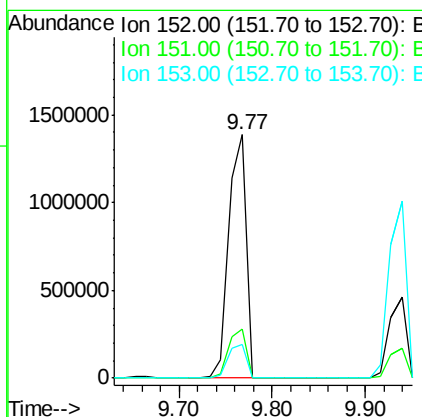
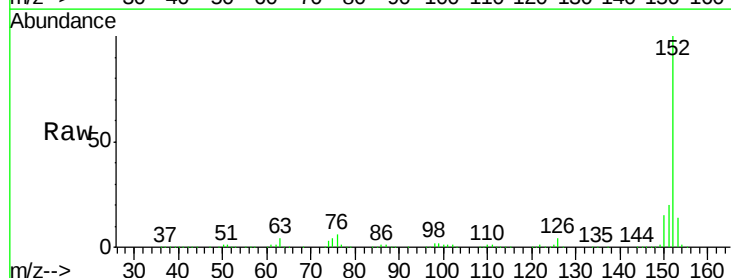
Manual Integrations
APPROVED

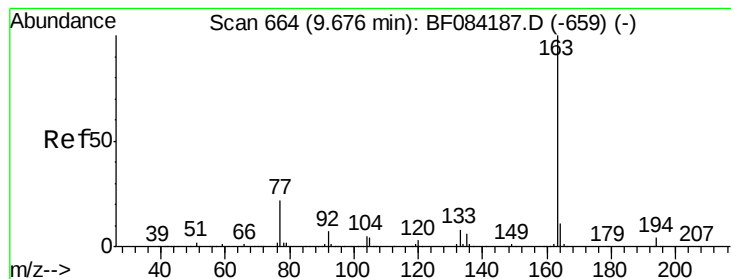
Sohil
1/10/2016 9:51:30 AM



#48
Acenaphthylene
Concen: 40.16 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.0	10.4	15.6





#49

Dimethylphthalate

Concen: 40.85 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

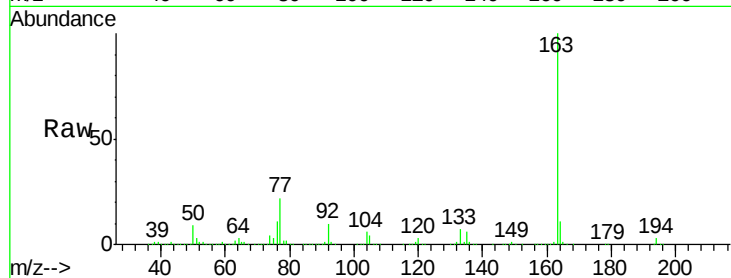
ClientSampleId :

PB87668BSD

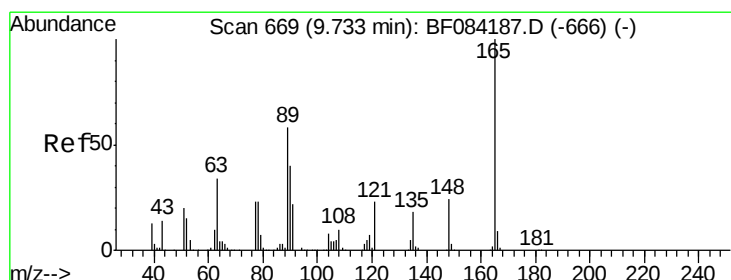
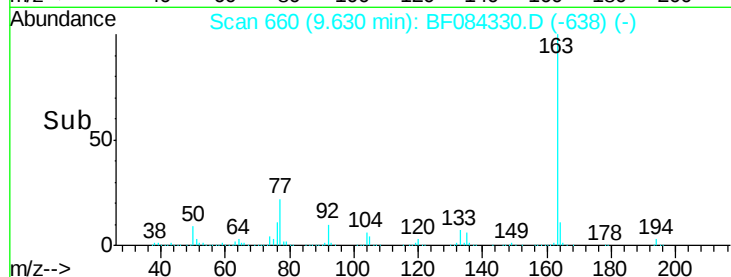
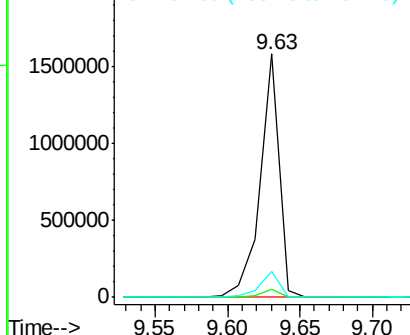
Tot Ion:	163	Resp:	1432222
Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.7	8.0	12.0

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



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



#50

2,6-Dinitrotoluene

Concen: 38.87 ng

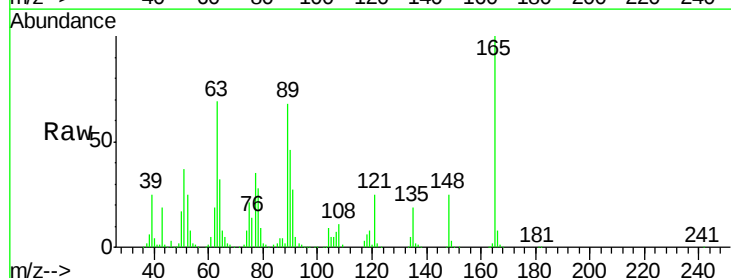
RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

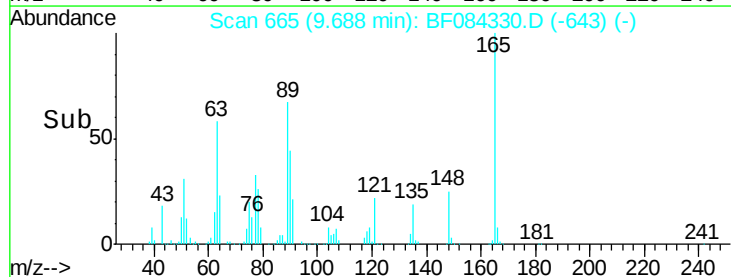
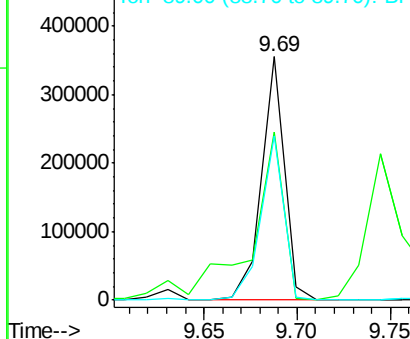
Lab File: BF084330.D

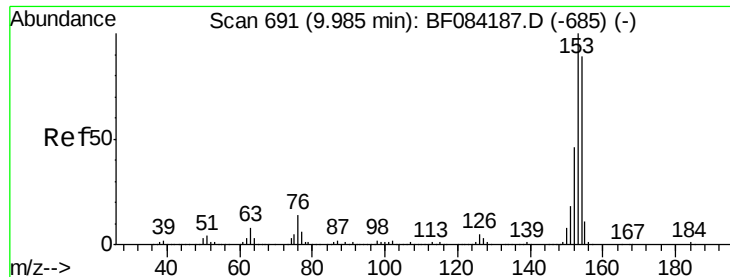
Acq: 8 Jan 2016 16:18

Tgt Ion:	165	Resp:	298929
Ion	Ratio	Lower	Upper
165	100		
63	68.8	28.8	43.2#
89	67.7	35.1	52.7#



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





#51

Acenaphthene

Concen: 43.38 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion:154 Resp: 1316297

Ion Ratio Lower Upper

154 100

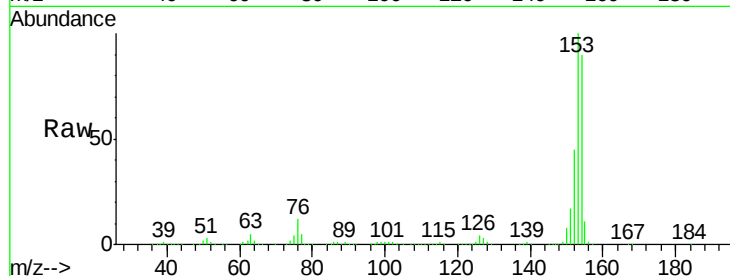
153 111.5 91.5 137.3

152 50.7 43.0 64.6

Manual Integrations
APPROVED

Sohil

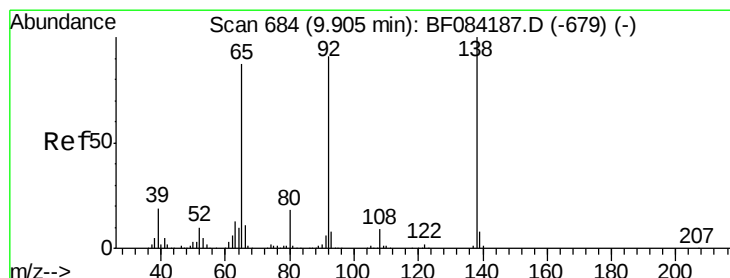
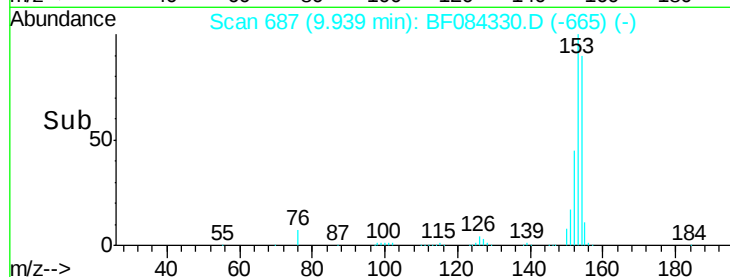
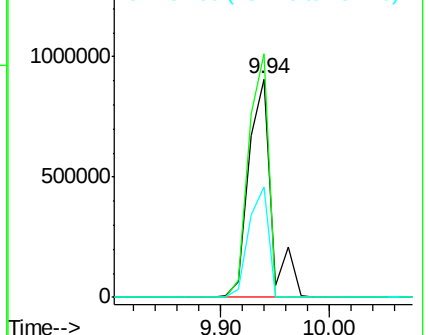
1/10/2016 9:51:30 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.16 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

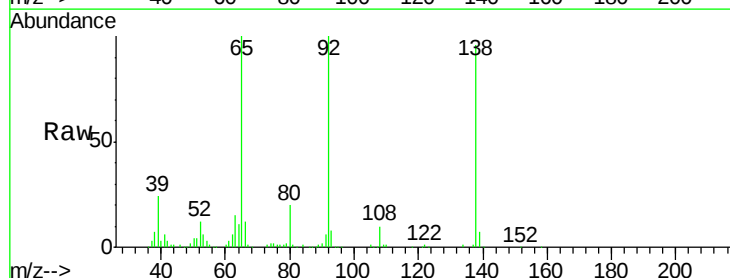
Tgt Ion:138 Resp: 192128

Ion Ratio Lower Upper

138 100

108 10.4 10.5 15.7#

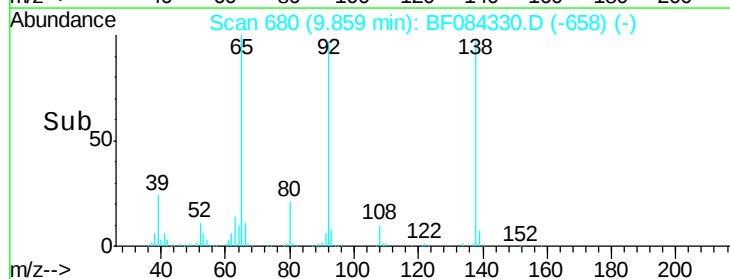
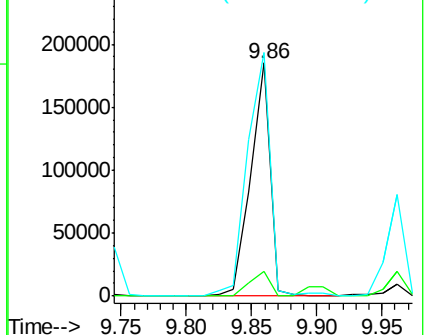
92 104.6 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





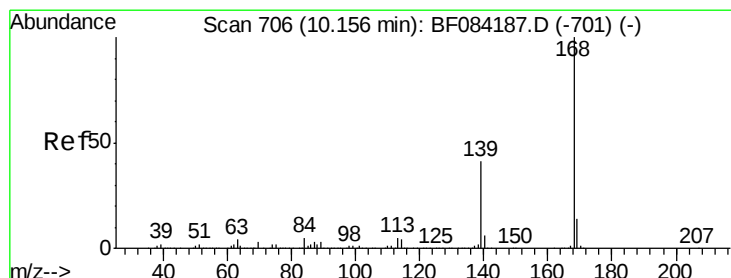
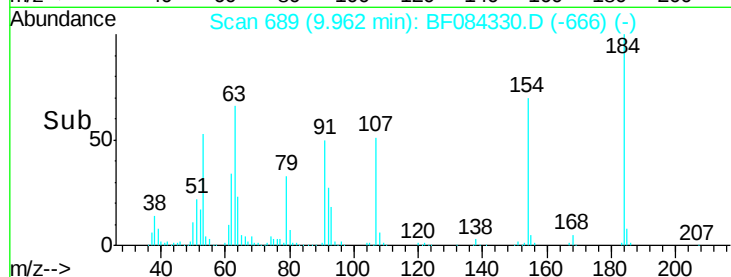
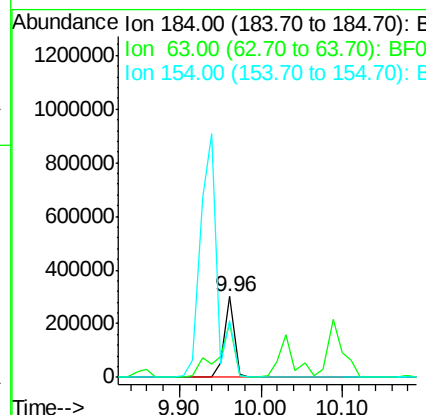
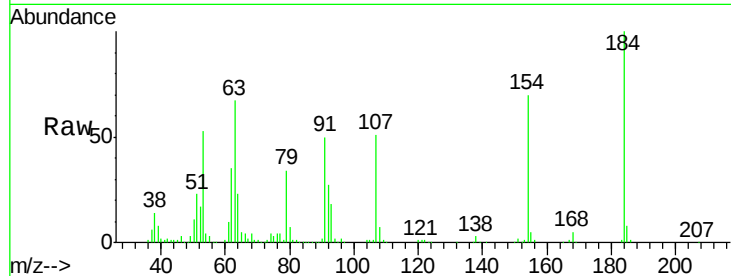
#53
2,4-Dinitrophenol
Concen: 79.15 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	259136		
63	66.8	43.1	64.7#	
154	70.3	60.5	90.7	

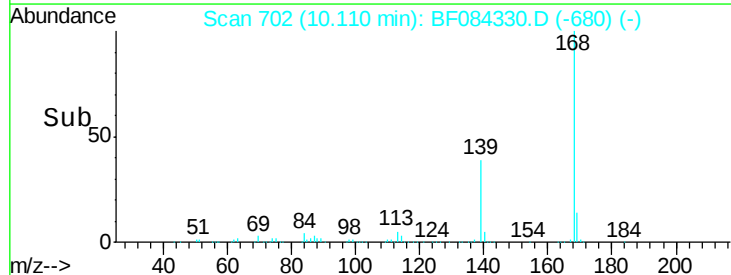
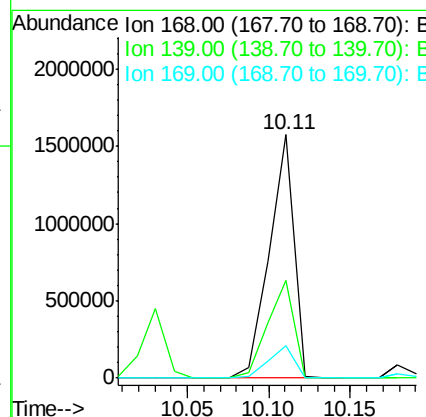
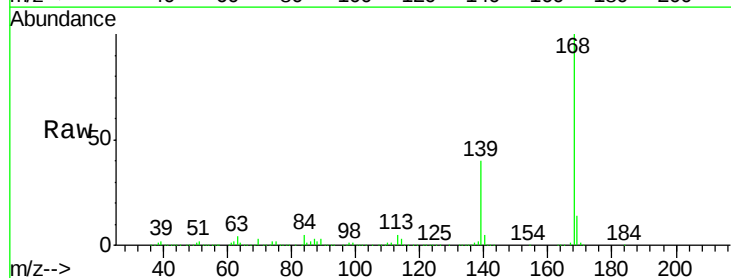
Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#54
Dibenzofuran
Concen: 41.91 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1655034		
139	40.0	30.5	45.7	
169	13.5	10.4	15.6	





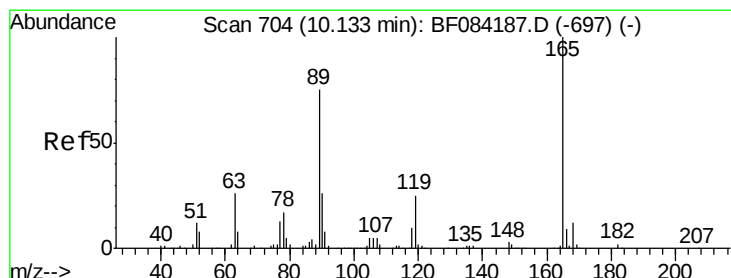
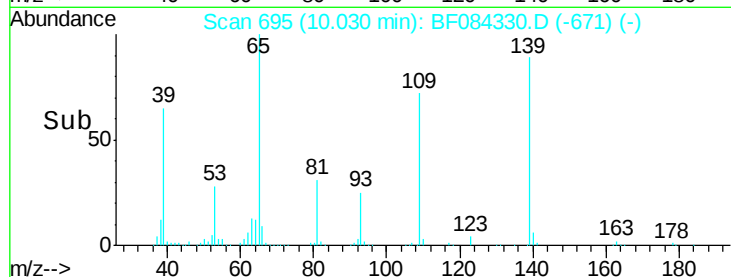
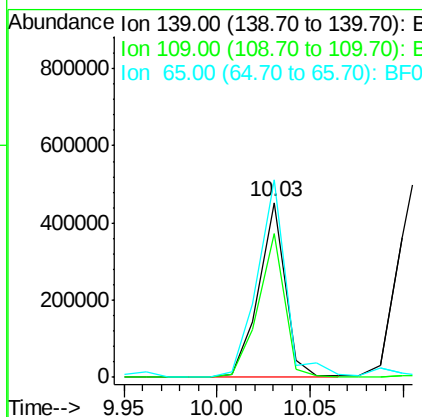
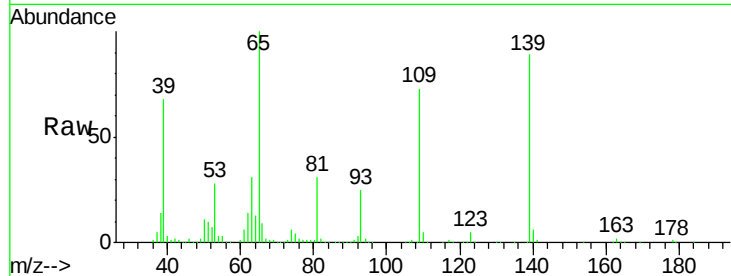
#55
4-Nitrophenol
Concen: 65.07 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	450034		
109	82.2	58.5	98.5	
65	113.0	57.6	97.6	

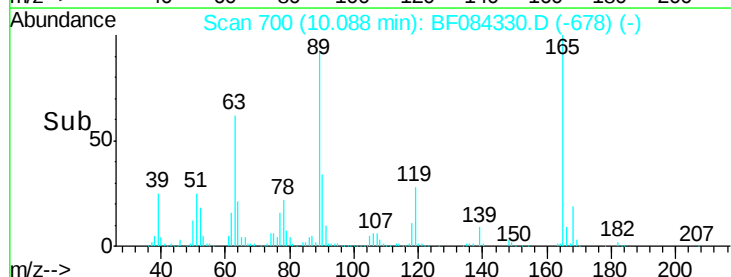
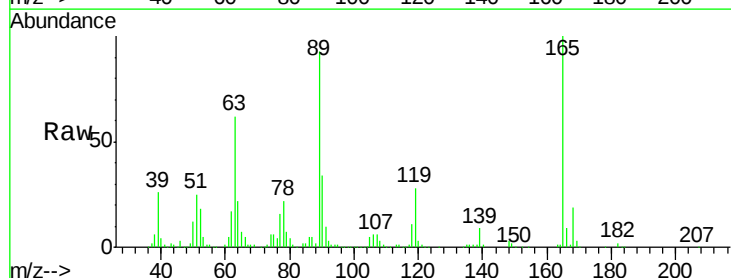
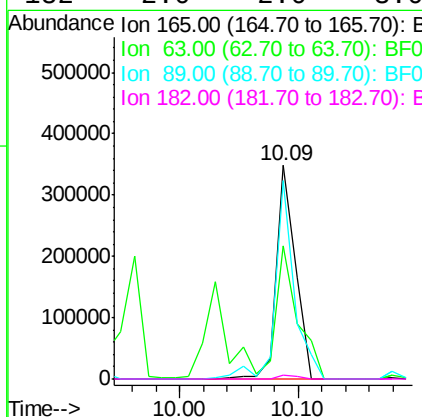
Manual Integrations
APPROVED

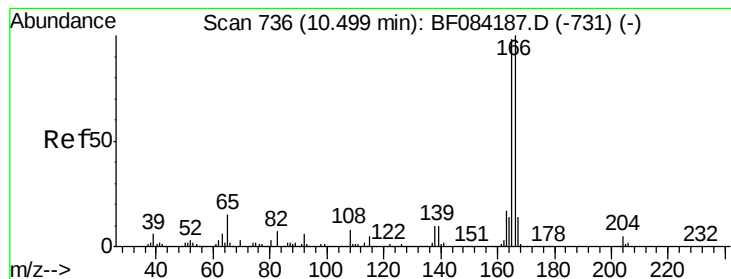
Sohil
1/10/2016 9:51:30 AM



#56
2,4-Dinitrotoluene
Concen: 39.31 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	382538		
63	62.3	36.7	55.1	
89	93.0	61.9	92.9	
182	2.0	2.0	3.0	





#57

Fluorene

Concen: 42.03 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion:166 Resp: 1281871

Ion Ratio Lower Upper

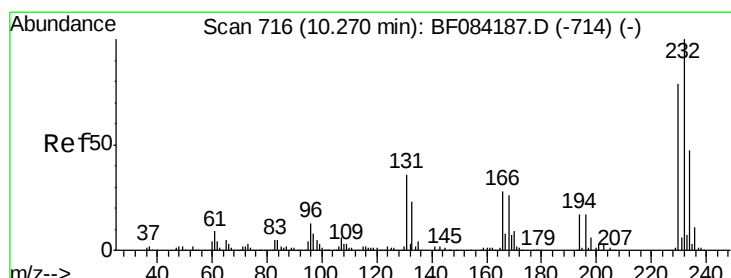
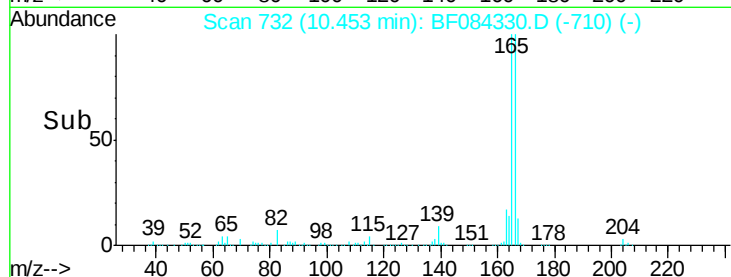
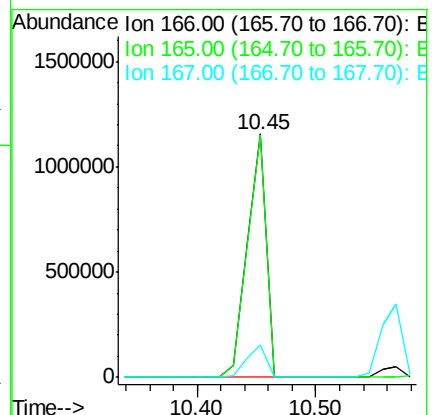
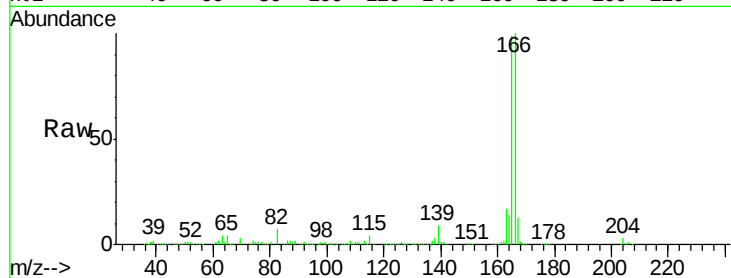
166 100

165 99.4 79.1 118.7

167 13.3 10.4 15.6

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.78 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion:232 Resp: 317562

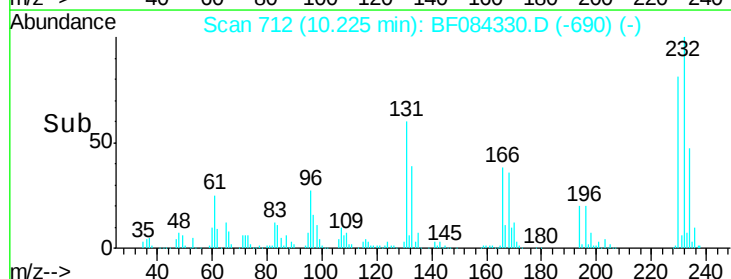
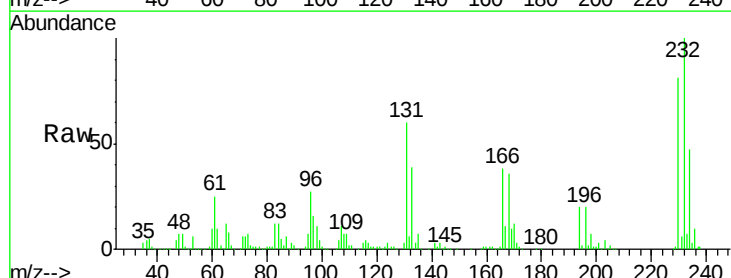
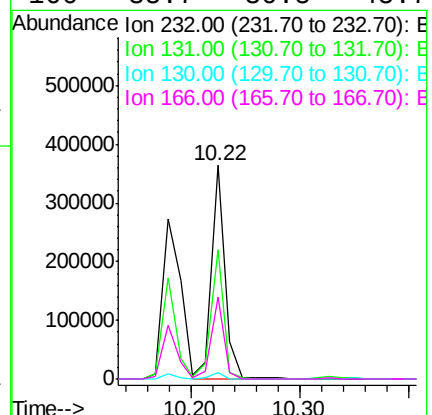
Ion Ratio Lower Upper

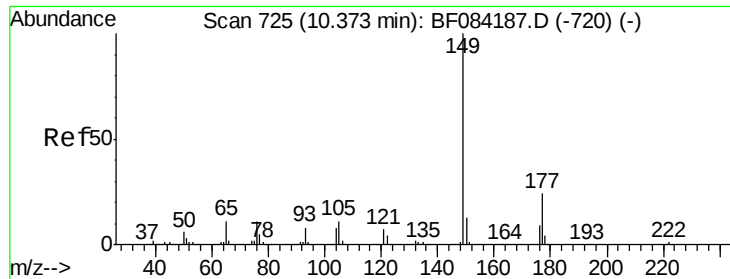
232 100

131 56.9 47.0 70.6

130 2.8 2.0 3.0

166 35.7 30.5 45.7





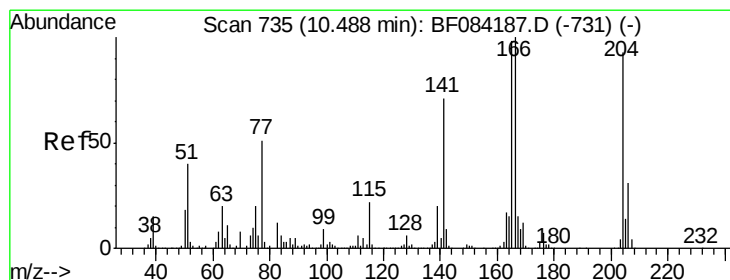
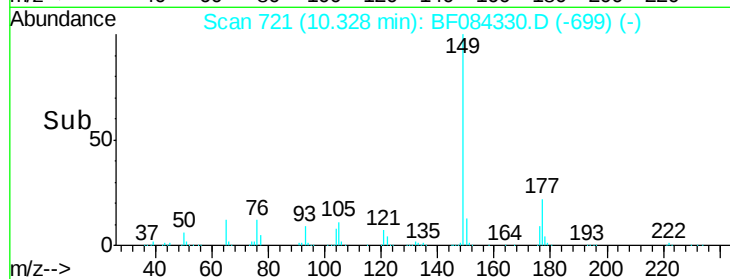
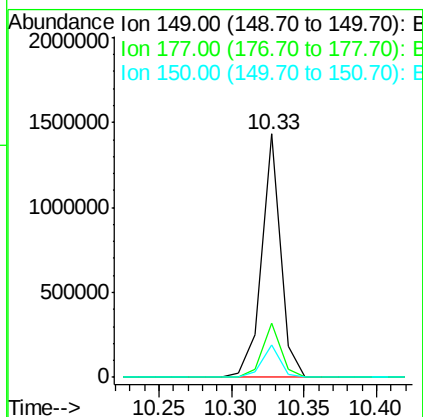
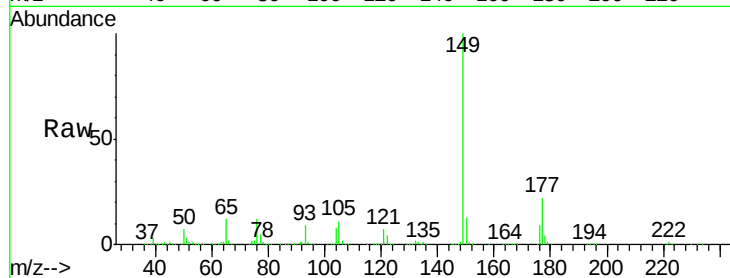
#59
Diethylphthalate
Concen: 37.60 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion:149 Resp: 1299846
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 13.3 9.8 14.8

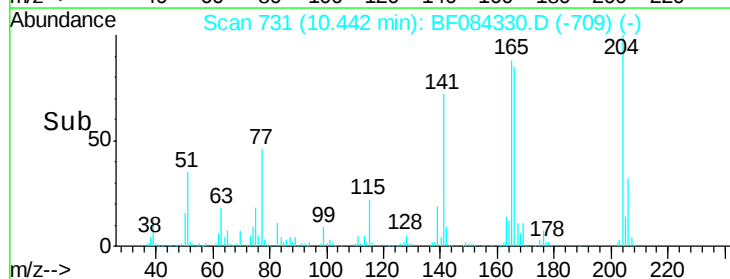
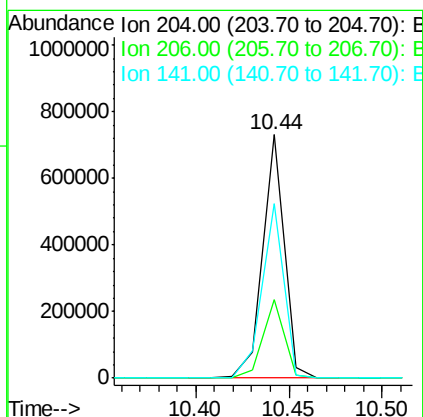
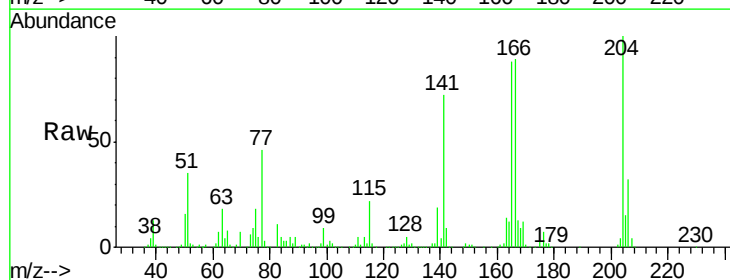
Manual Integrations
APPROVED

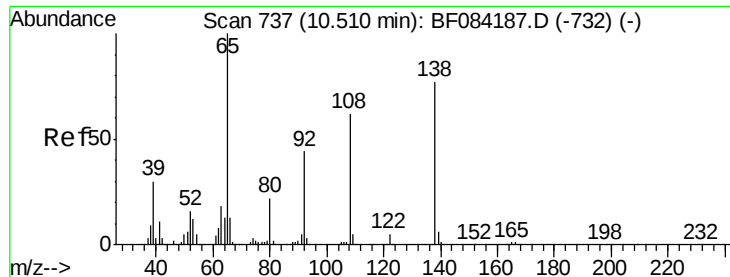
Sohil
1/10/2016 9:51:30 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.30 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion:204 Resp: 580103
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 71.9 55.1 82.7





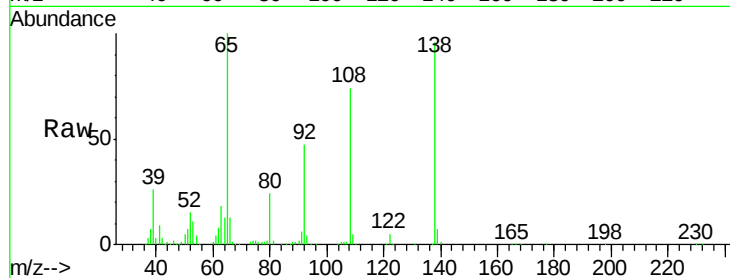
#61
4-Nitroaniline
Concen: 41.13 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	32.6	72.6
108	76.6	68.6	108.6

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM

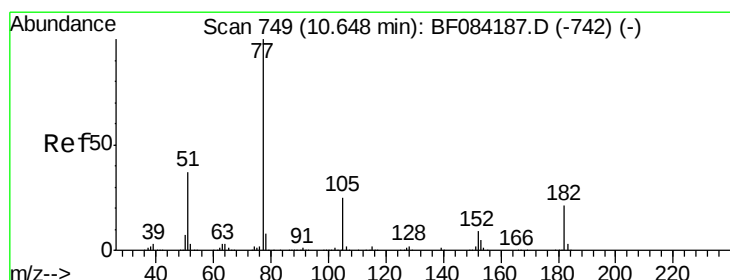
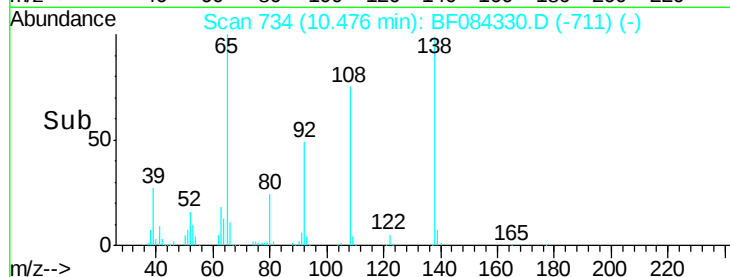
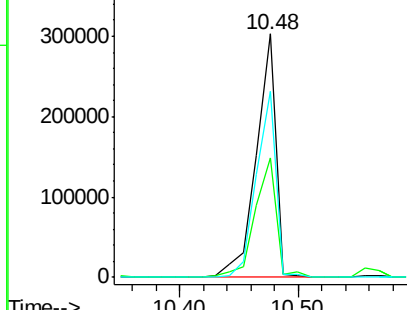


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 39.86 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	8.3	48.3
105	24.2	4.6	44.6
51	34.5	6.2	46.2

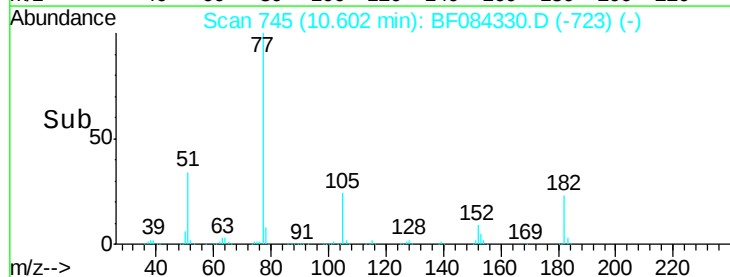
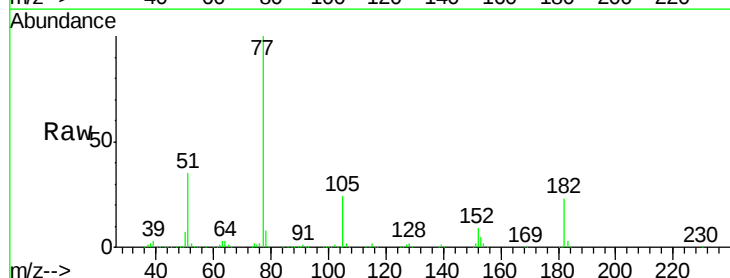
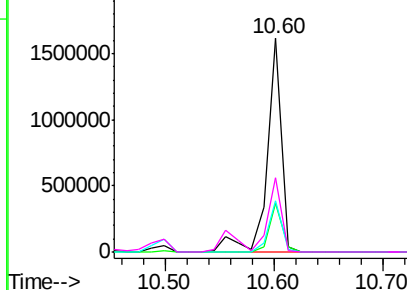
Abundance

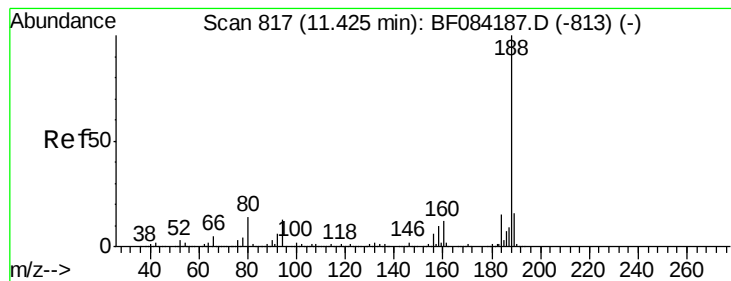
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

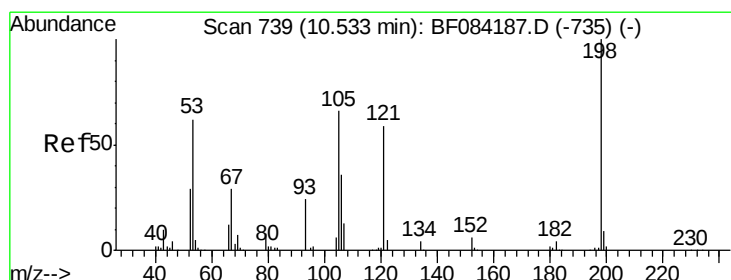
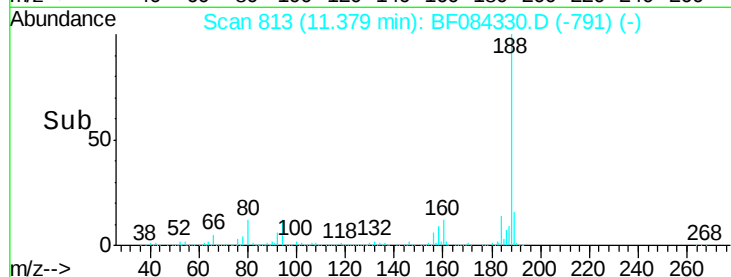
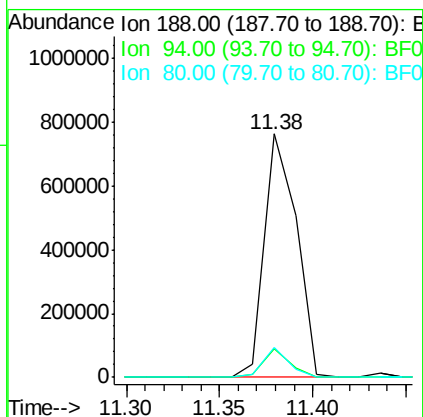
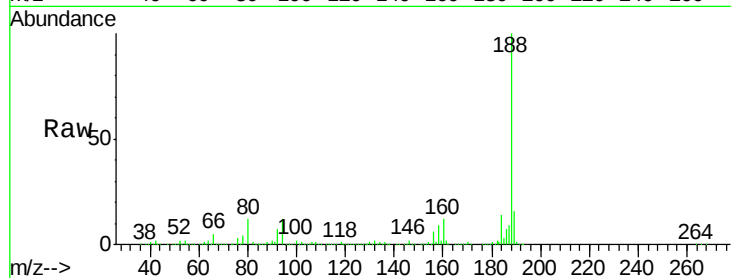
ClientSampleId :

PB87668BSD

Tot Ion:	188	Resp:	906268
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.0	13.4
80	12.3	9.6	14.4

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 38.31 ng

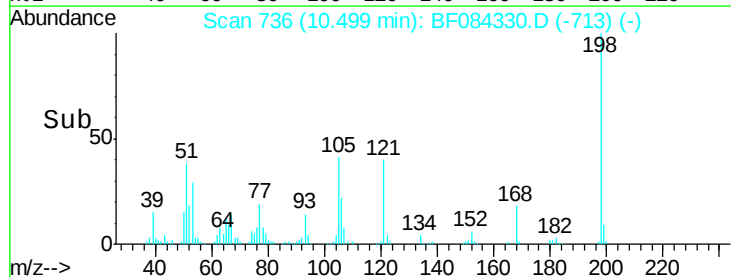
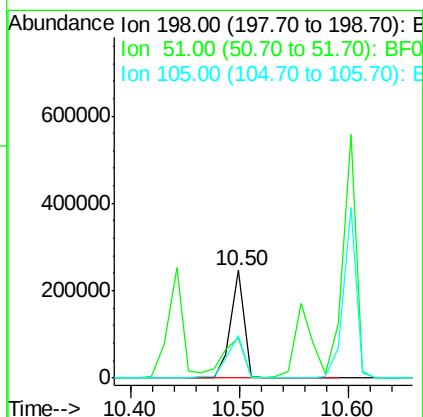
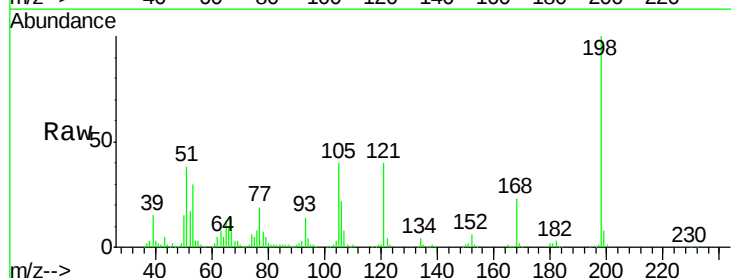
RT: 10.50 min Scan# 736

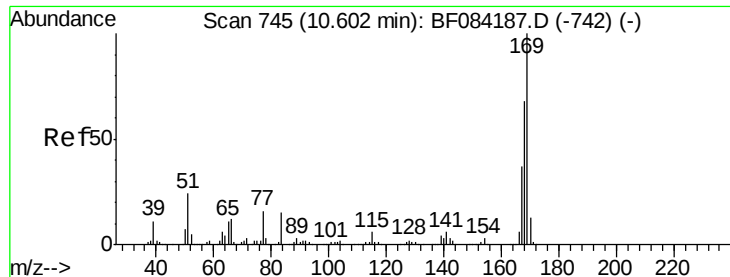
Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion:	198	Resp:	212068
Ion Ratio	Lower	Upper	
198	100		
51	37.9	18.9	58.9
105	40.1	26.4	66.4





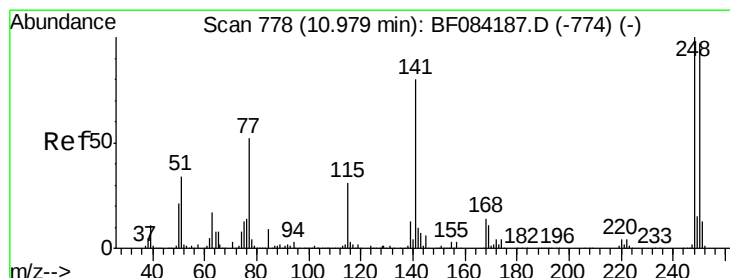
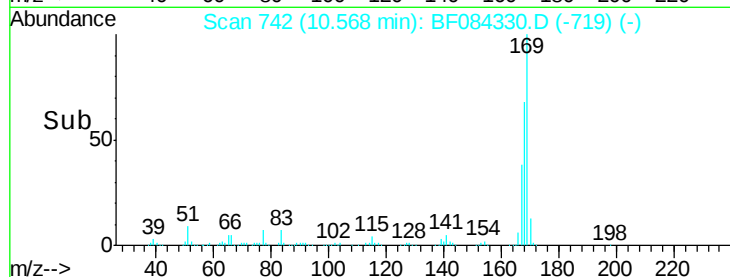
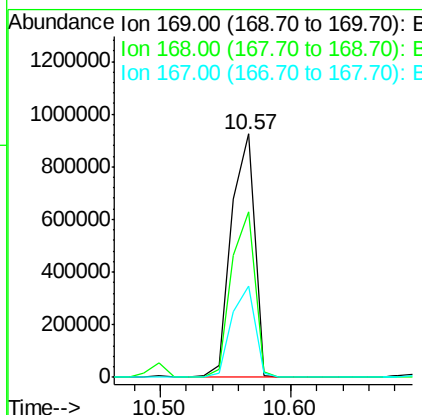
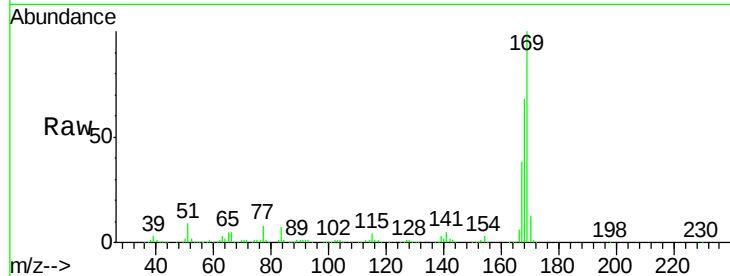
#65
n-Nitrosodiphenylamine
Concen: 39.33 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion:169 Resp: 1139577
Ion Ratio Lower Upper
169 100
168 68.0 55.1 82.7
167 37.6 30.0 45.0

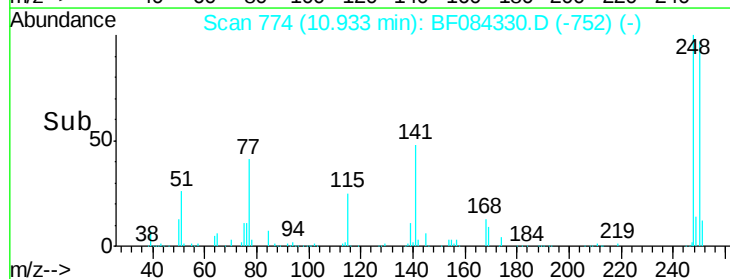
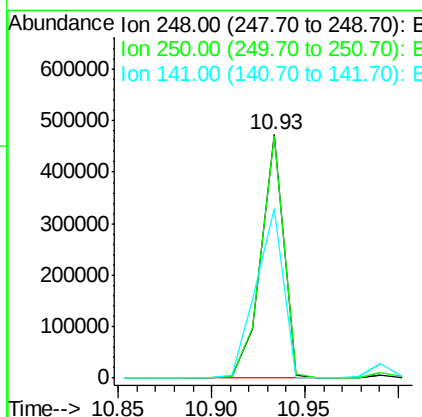
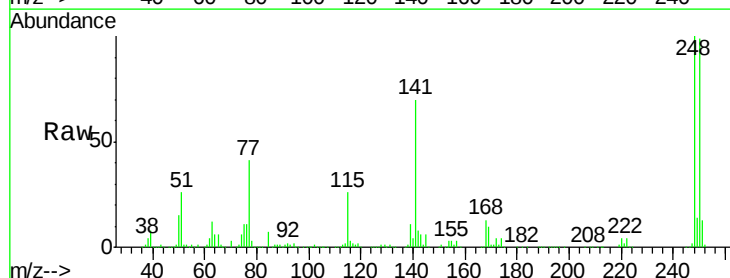
Manual Integrations
APPROVED

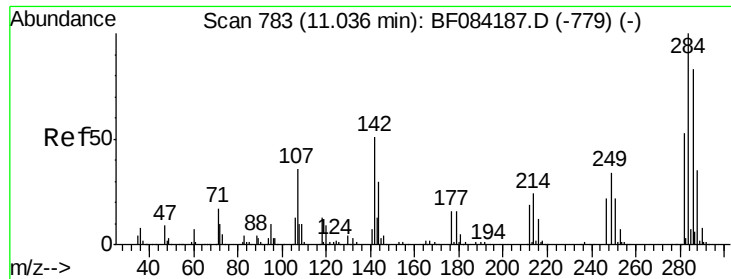
Sohil
1/10/2016 9:51:30 AM



#66
4-Bromophenyl-phenylether
Concen: 40.74 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion:248 Resp: 397385
Ion Ratio Lower Upper
248 100
250 99.4 78.4 117.6
141 69.8 44.0 66.0#





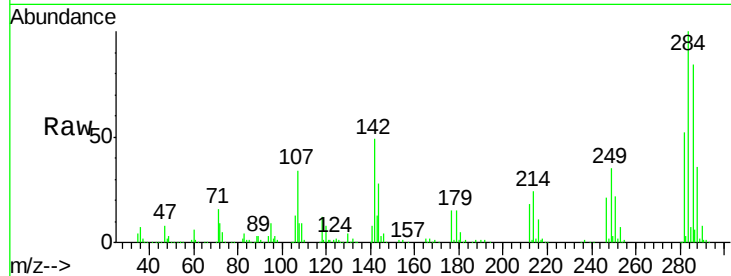
#67
Hexachlorobenzene
Concen: 35.60 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

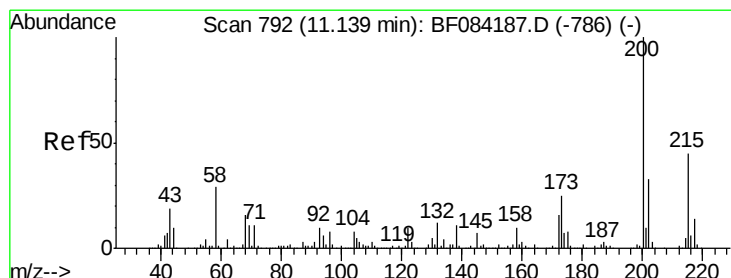
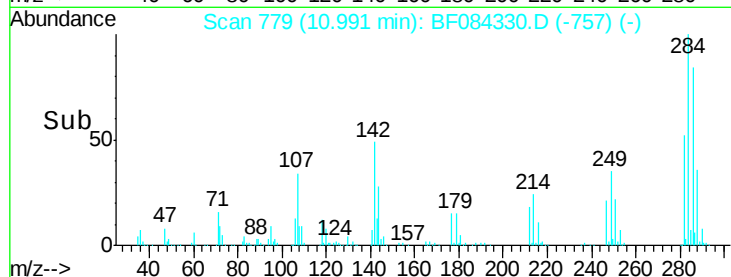
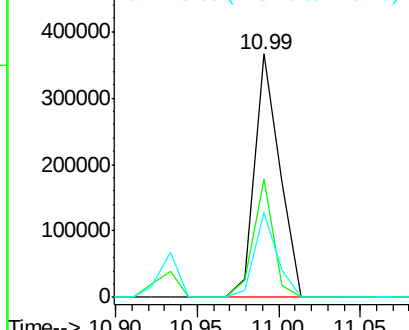
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	48.7	22.2	33.4#
249	34.7	24.6	37.0

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM

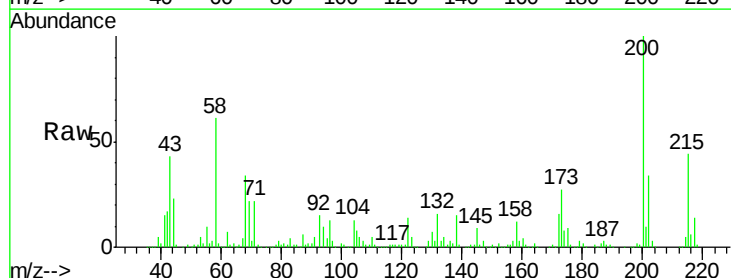


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

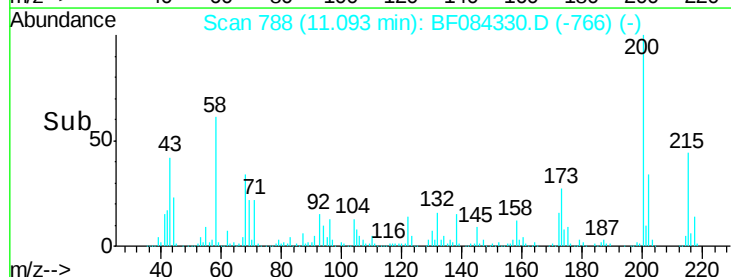
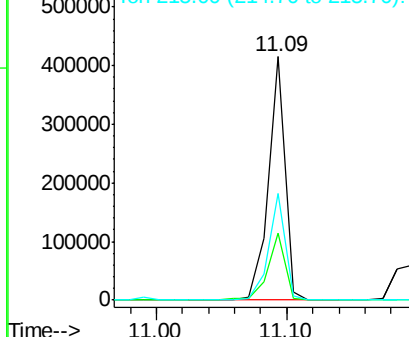


#68
Atrazine
Concen: 39.23 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	9.5	49.5
215	43.8	23.8	63.8



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





#69

Pentachlorophenol

Concen: 72.64 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

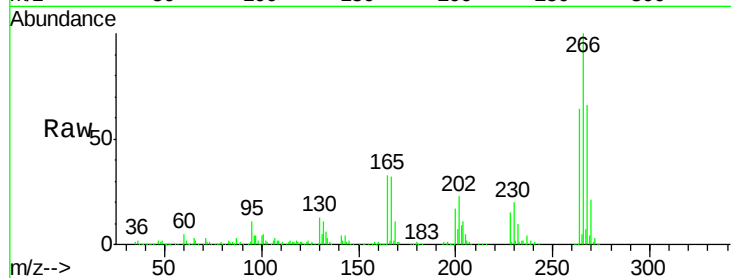
ClientSampleId :

PB87668BSD

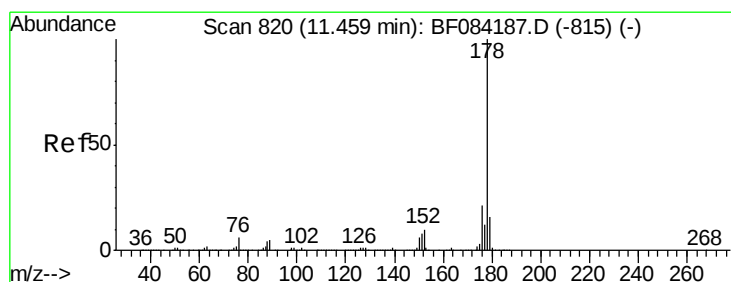
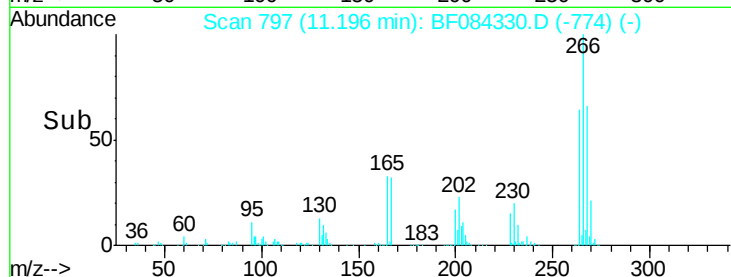
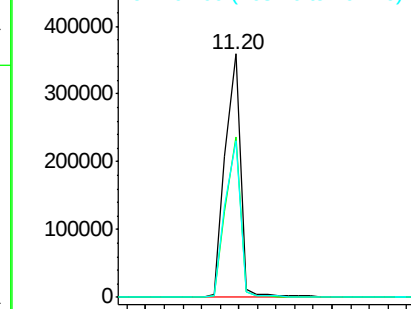
Tot Ion:	266	Resp:	413490
Ion Ratio		Lower	Upper
266	100		
268	66.0	52.4	78.6
264	64.3	50.2	75.2

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



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



#70

Phenanthrene

Concen: 42.25 ng

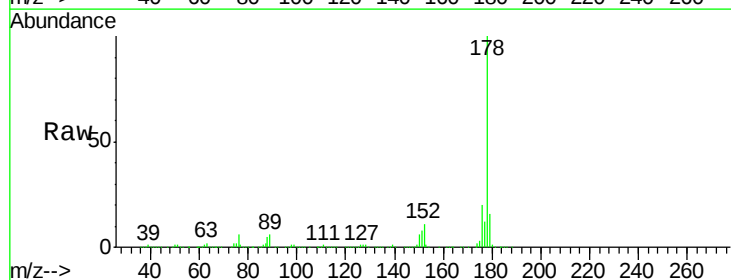
RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

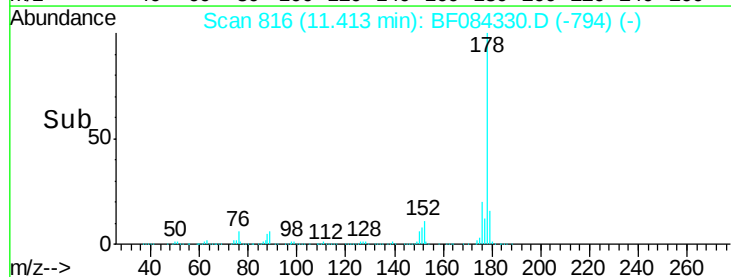
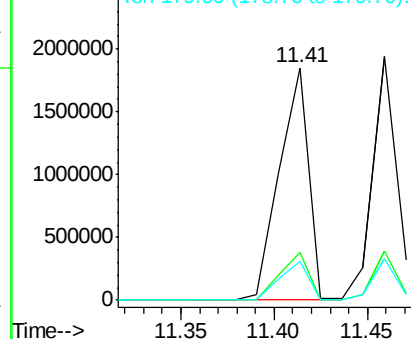
Lab File: BF084330.D

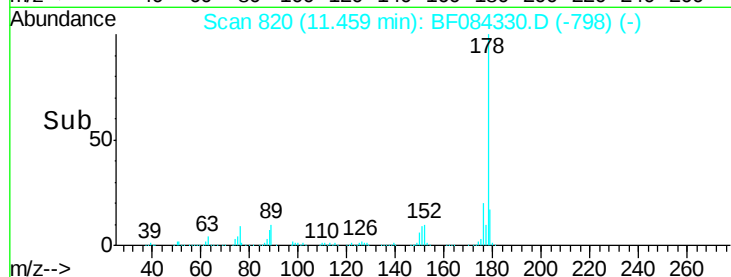
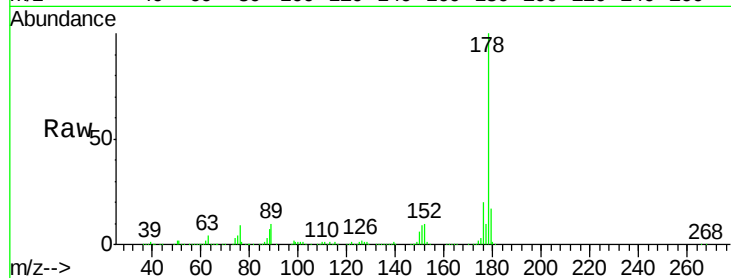
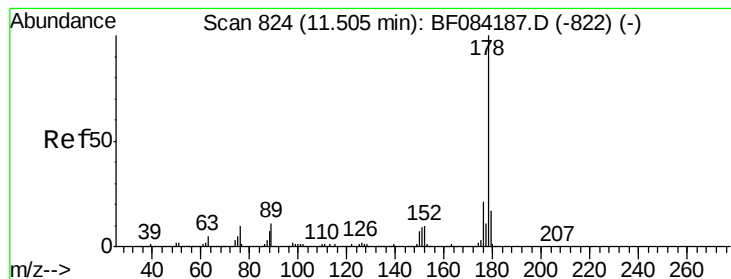
Acq: 8 Jan 2016 16:18

Tgt Ion:	178	Resp:	2002867
Ion Ratio		Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.5	12.0	18.0



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





#71

Anthracene

Concen: 37.39 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tot Ion:178 Resp: 1737297

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.0

179 16.9 12.5 18.7

Instrument :

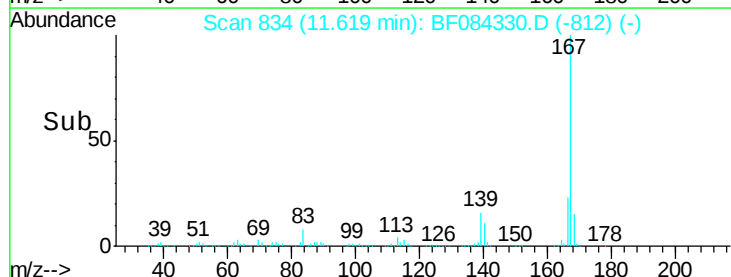
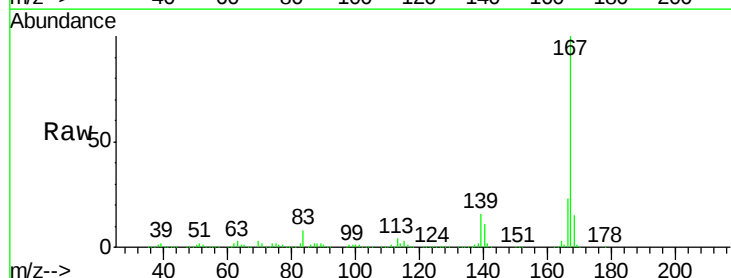
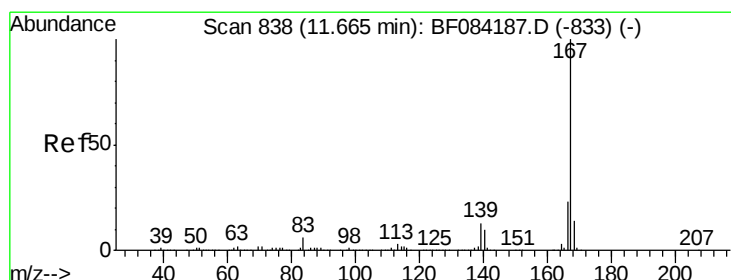
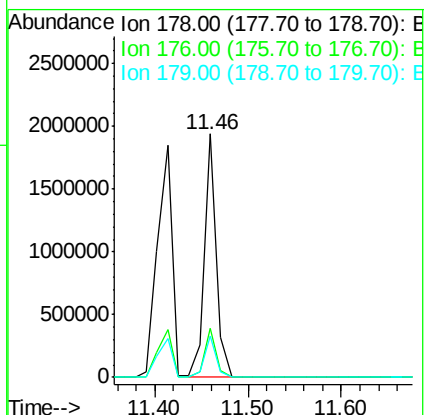
BNA_F

ClientSampled :

PB87668BSD

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#72

Carbazole

Concen: 39.30 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

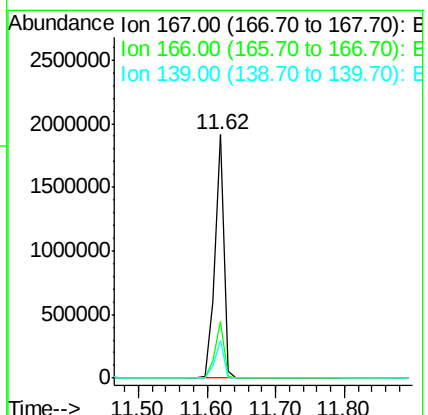
Tgt Ion:167 Resp: 1785588

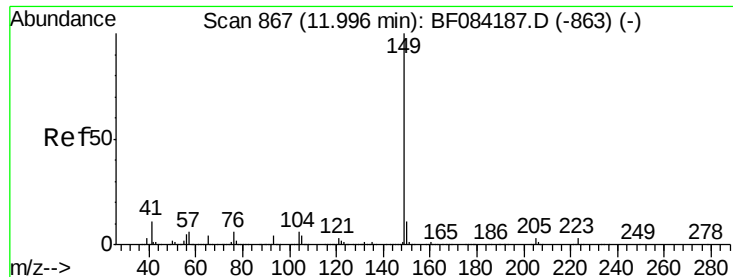
Ion Ratio Lower Upper

167 100

166 23.2 17.6 26.4

139 15.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.80 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion:149 Resp: 1980807

Ion Ratio Lower Upper

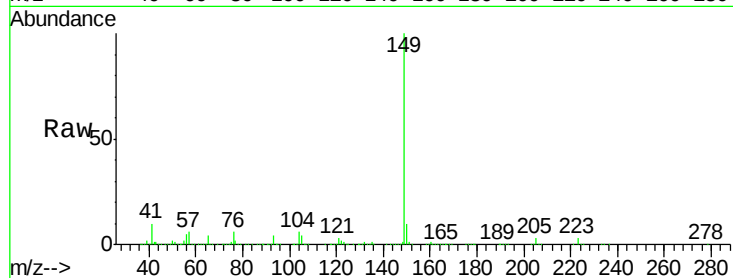
149 100

150 10.3 7.1 10.7

104 6.3 3.2 4.8#

Manual Integrations
APPROVED

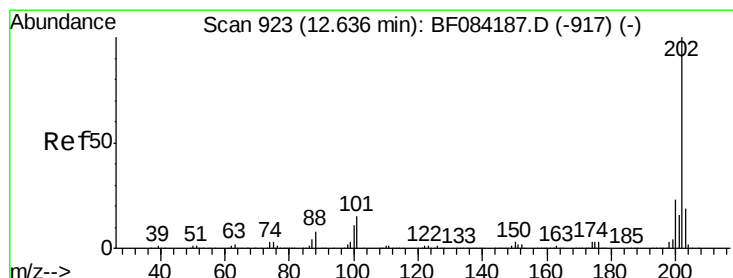
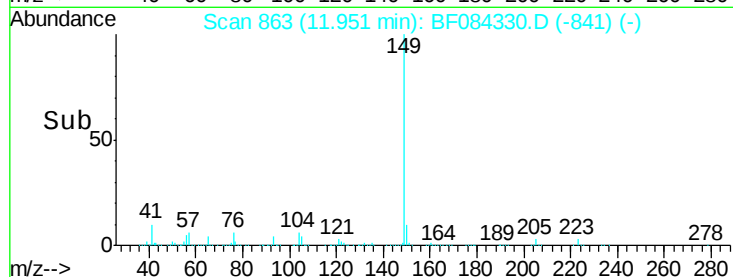
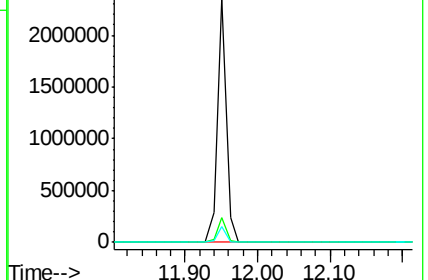
Sohil
1/10/2016 9:51:30 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.80 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

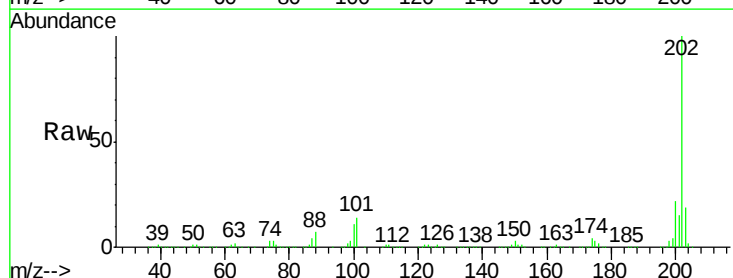
Tgt Ion:202 Resp: 1921429

Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.8

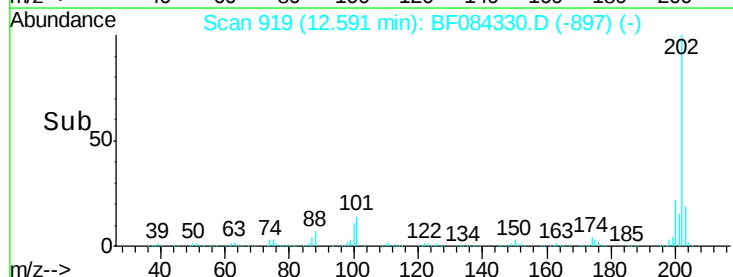
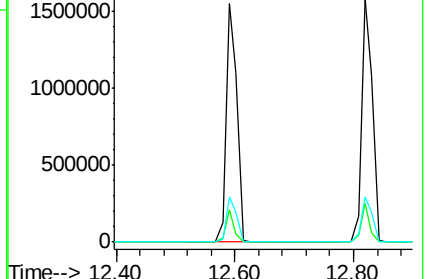
203 18.9 0.0 37.9

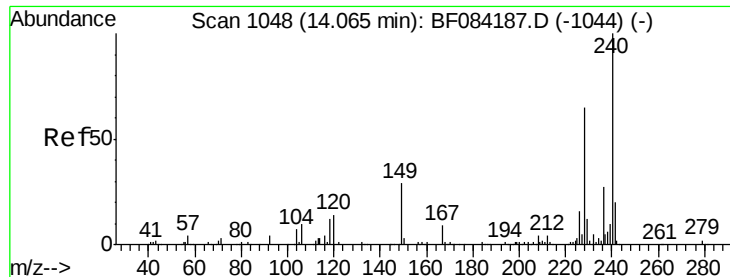


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

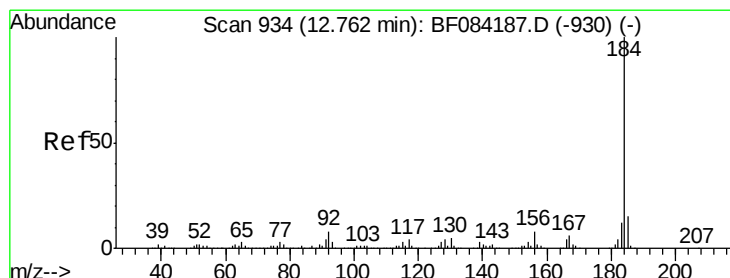
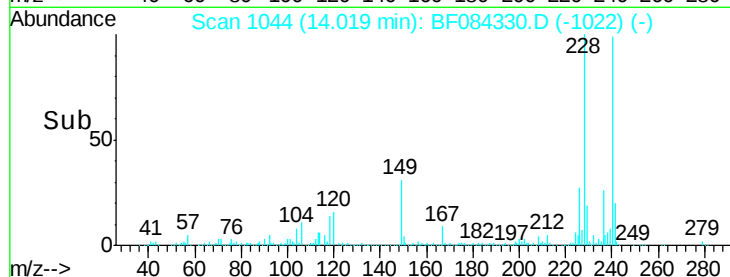
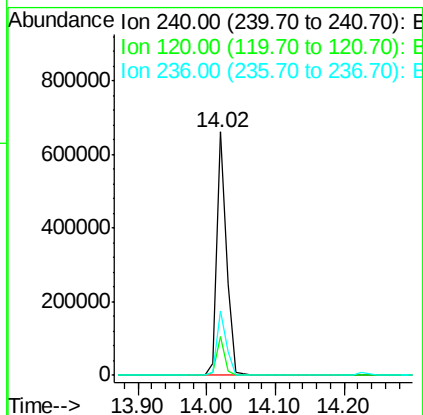
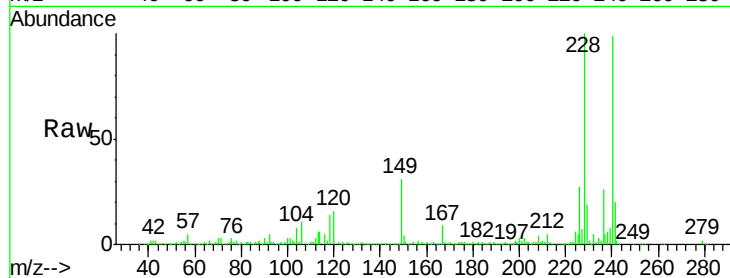
ClientSampleId :

PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	661857		
120	15.7	9.5	14.3#	
236	26.6	20.6	31.0	

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM



#76

Benzidine

Concen: 24.71 ng

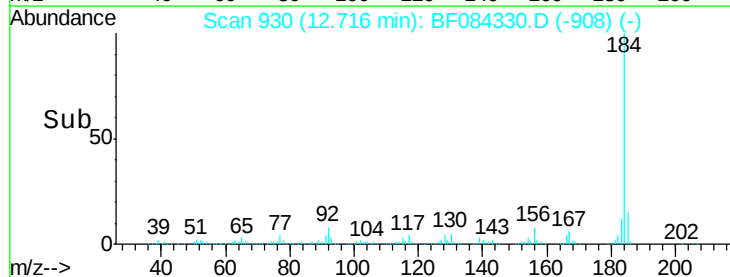
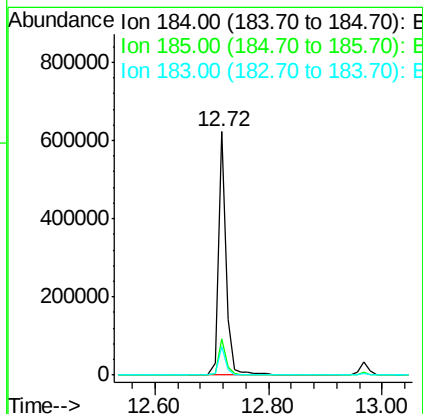
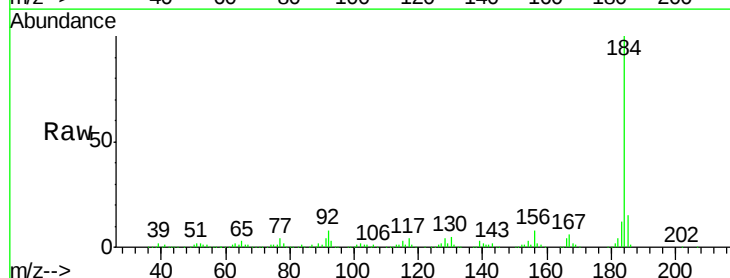
RT: 12.72 min Scan# 930

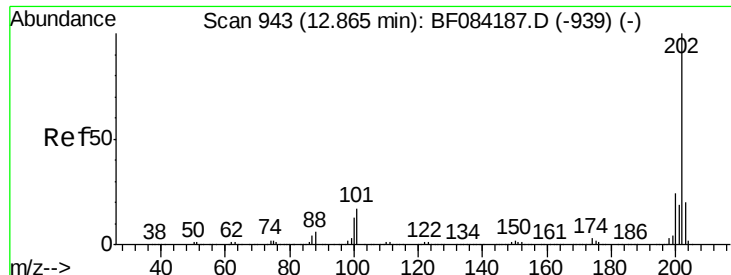
Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	586394		
185	15.1	12.2	18.2	
183	11.5	9.8	14.8	





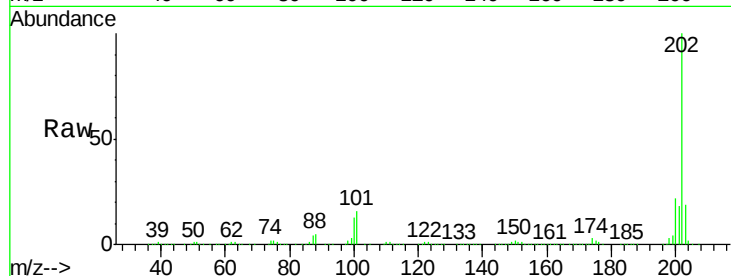
#77
Pvrene
Concen: 37.81 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

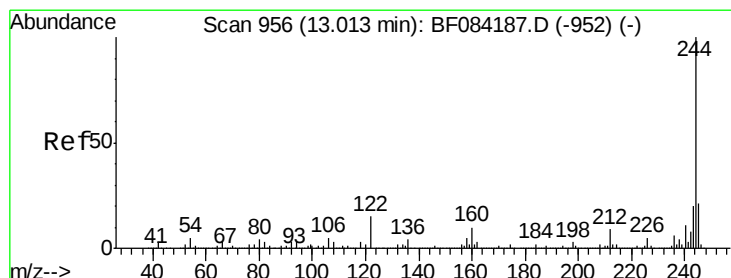
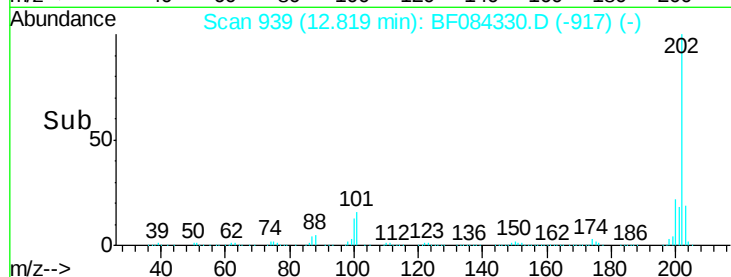
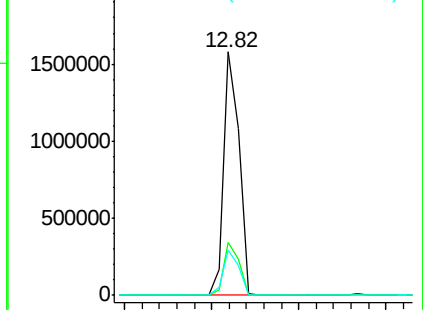
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.7	14.3	21.5

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:30 AM

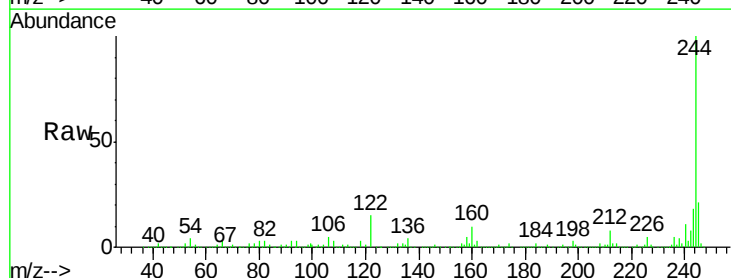


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

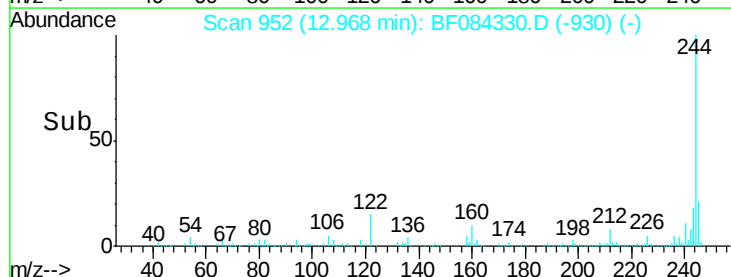
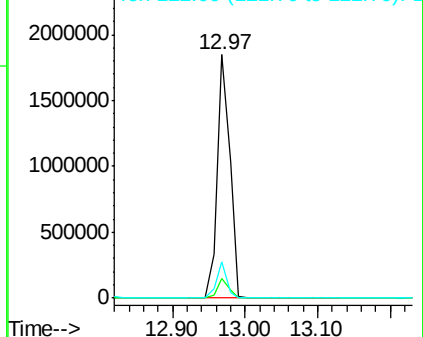


#78
Terphenyl-d14
Concen: 75.15 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.0	7.4	11.0



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





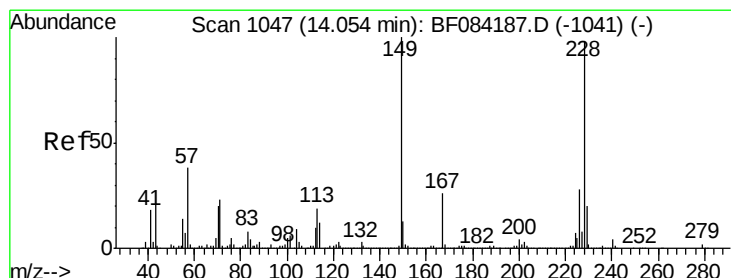
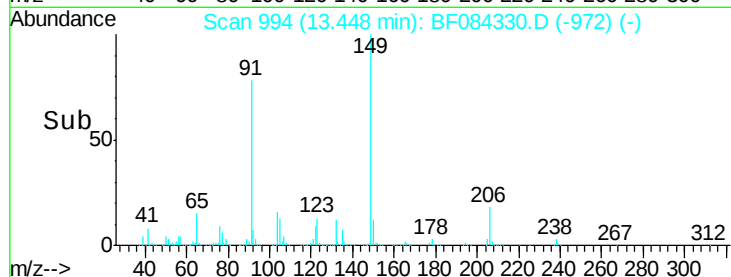
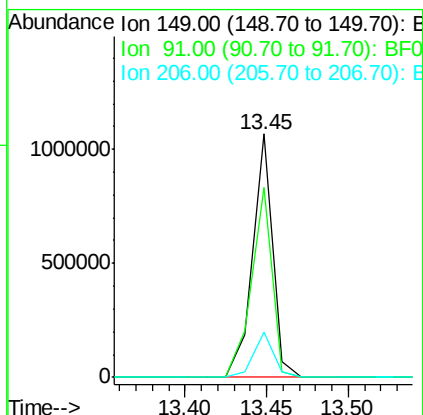
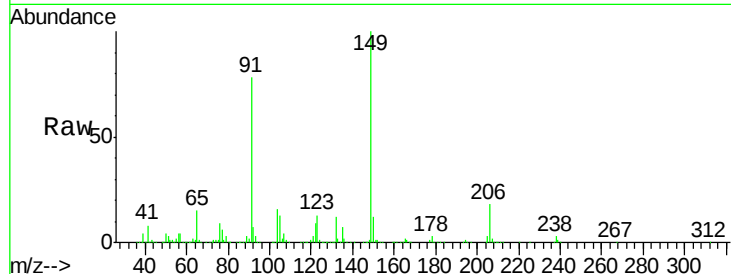
#79
Butylbenzylphthalate
Concen: 40.49 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	909963		
91	78.0		57.6	86.4
206	18.4		13.2	19.8

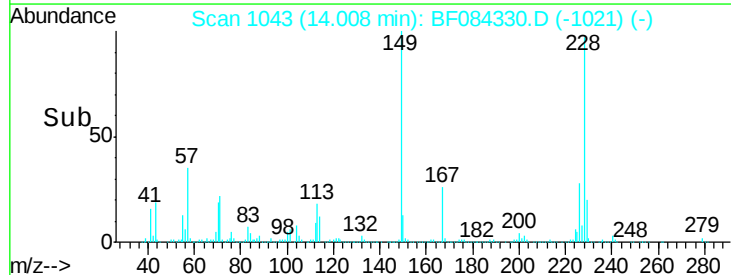
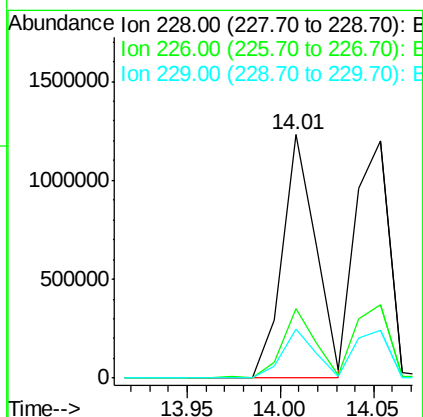
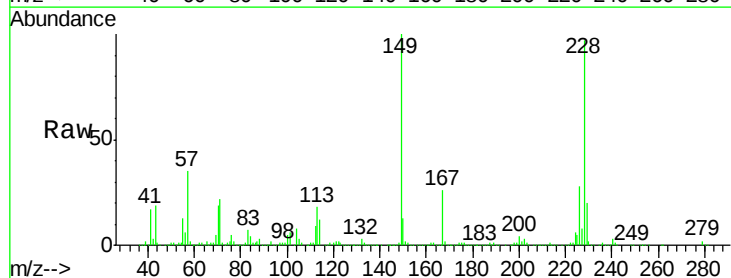
Manual Integrations
APPROVED

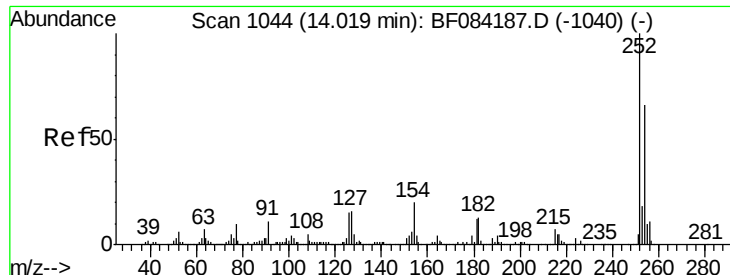
Sohil
1/10/2016 9:51:30 AM



#80
Benzo(a)anthracene
Concen: 39.50 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1535196		
226	28.5		21.8	32.6
229	20.3		15.8	23.8





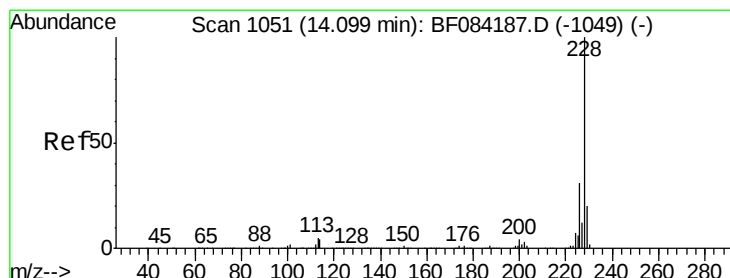
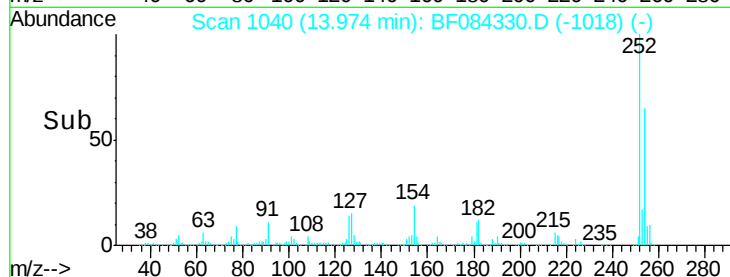
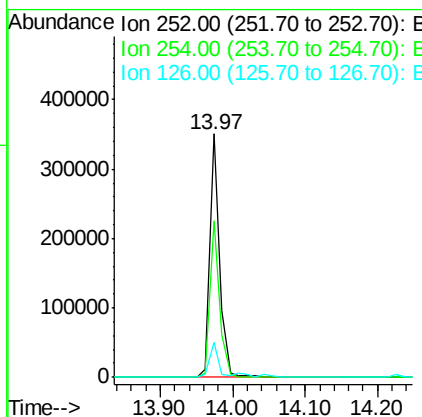
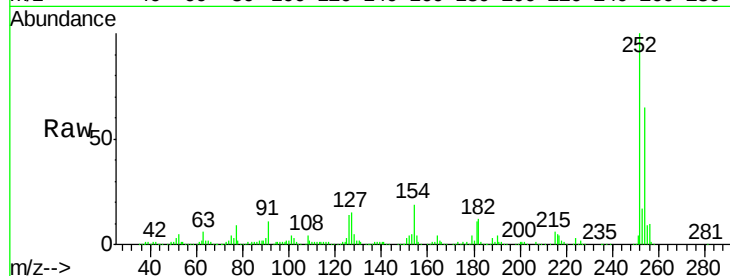
#81
 3,3'-Dichlorobenzidine
 Concen: 24.06 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	53.5	80.3
126	14.3	4.9	7.3

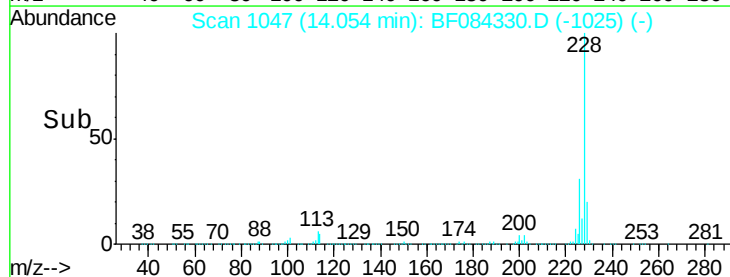
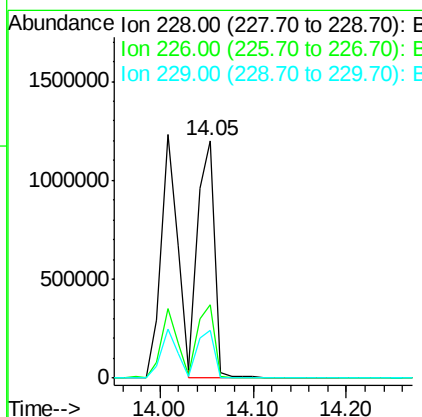
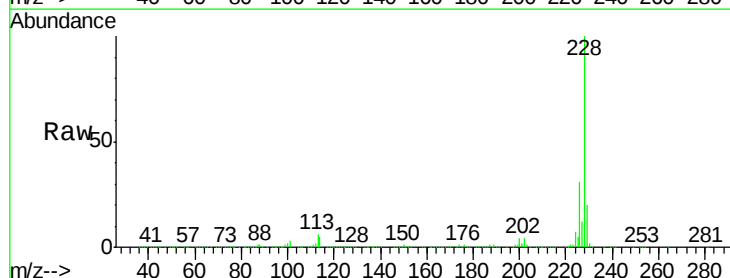
Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM



#82
 Chrysene
 Concen: 40.76 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.3	36.5
229	20.3	16.1	24.1





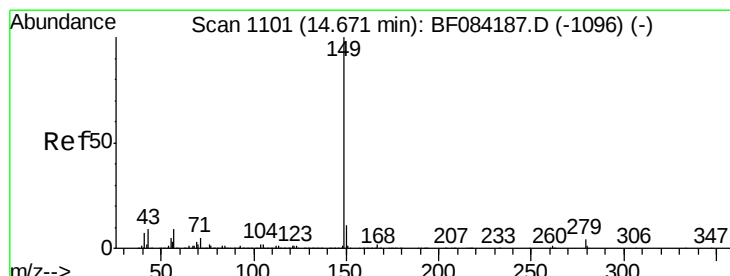
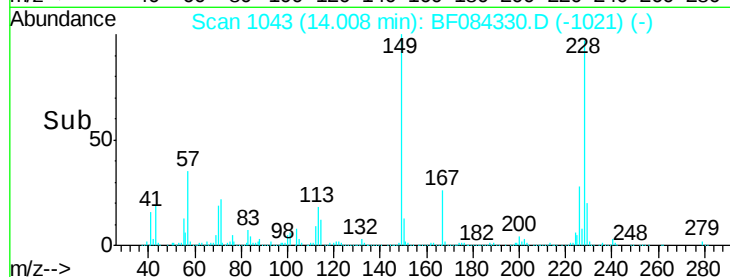
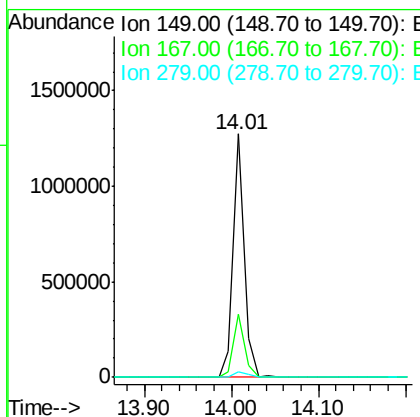
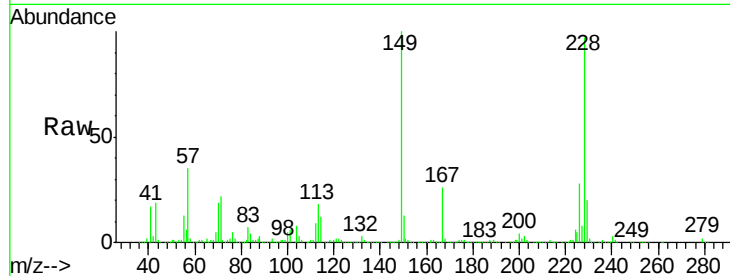
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.47 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion:149 Resp: 1120617
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.7 29.5
 279 2.5 1.8 2.6

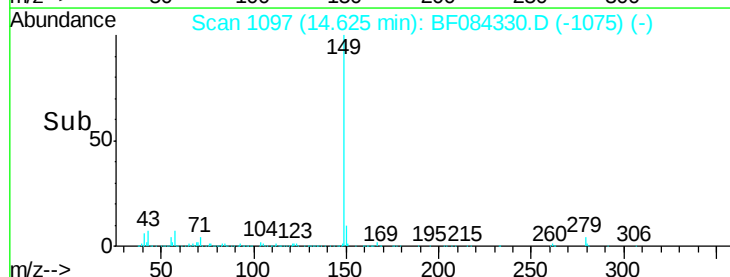
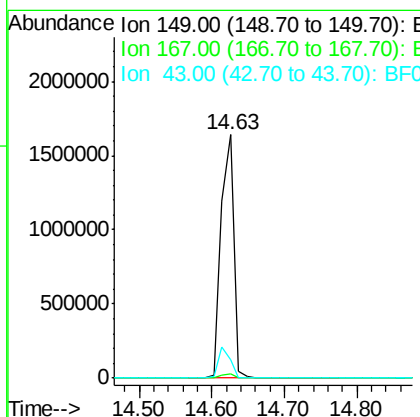
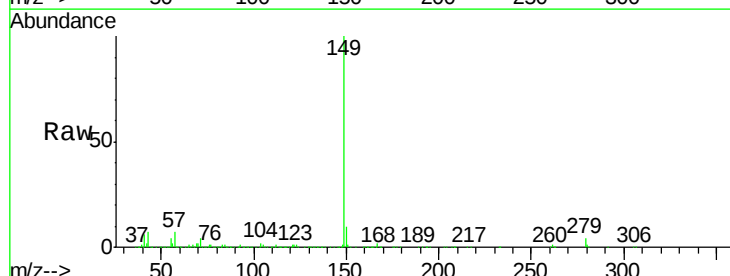
Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM



#84
 Di-n-octyl phthalate
 Concen: 41.89 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Tgt Ion:149 Resp: 2007944
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.18 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion:276 Resp: 1189324

Ion Ratio Lower Upper

276 100

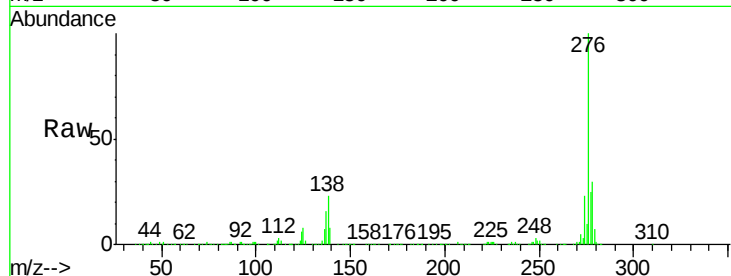
138 25.4 20.6 30.8

277 25.1 20.1 30.1

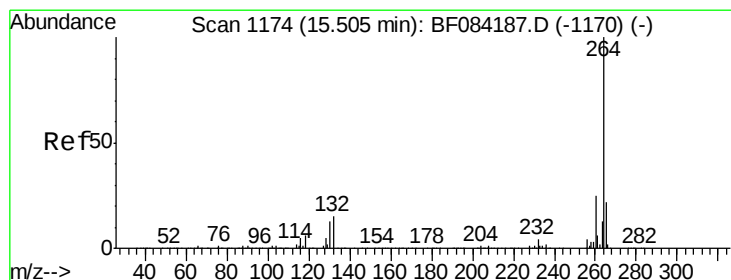
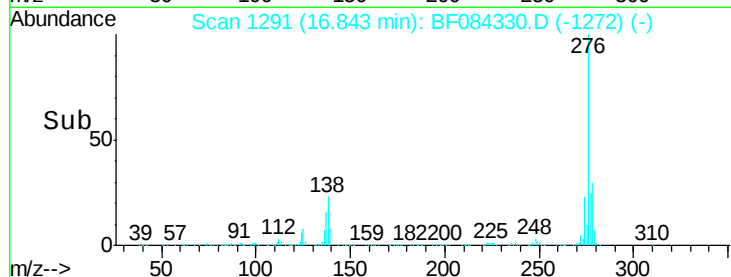
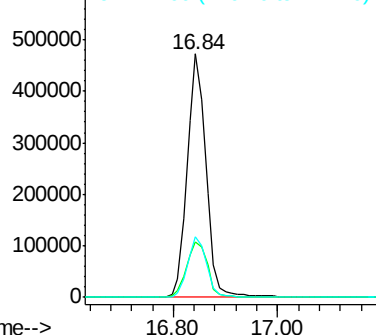
Manual Integrations
APPROVED

Sohil

1/10/2016 9:51:30 AM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

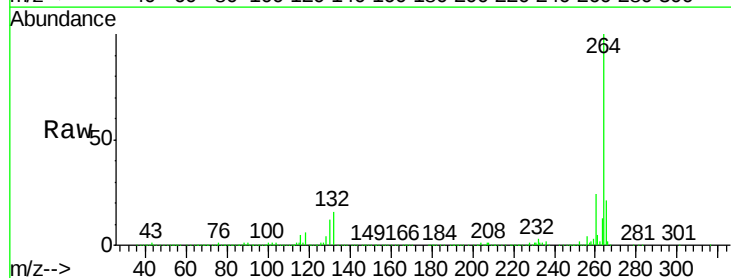
Tgt Ion:264 Resp: 570559

Ion Ratio Lower Upper

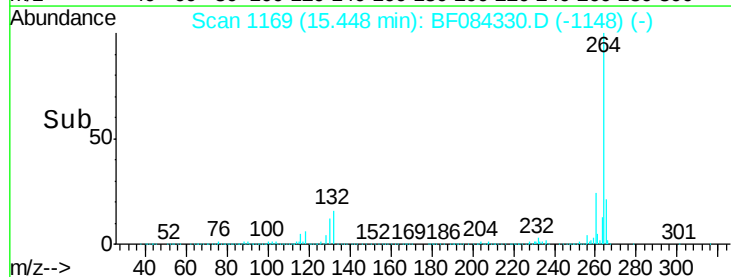
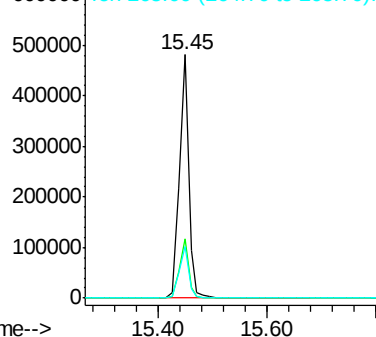
264 100

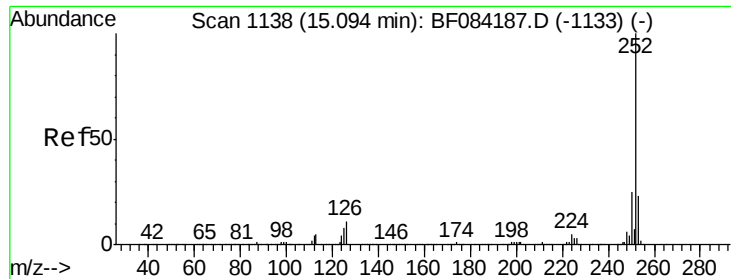
260 24.2 19.4 29.2

265 21.4 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.36 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

Instrument :

BNA_F

ClientSampleId :

PB87668BSD

Tot Ion:252 Resp: 1319868

Ion Ratio Lower Upper

252 100

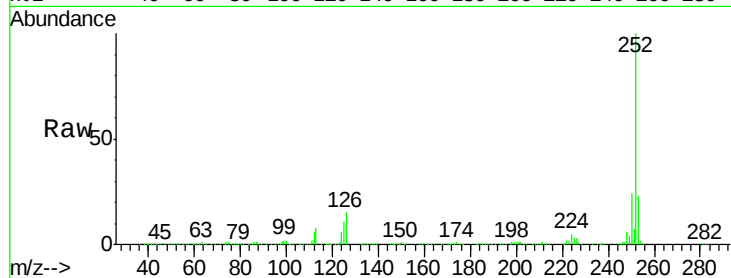
253 22.6 17.3 25.9

125 11.3 6.5 9.7#

Manual Integrations
APPROVED

Sohil

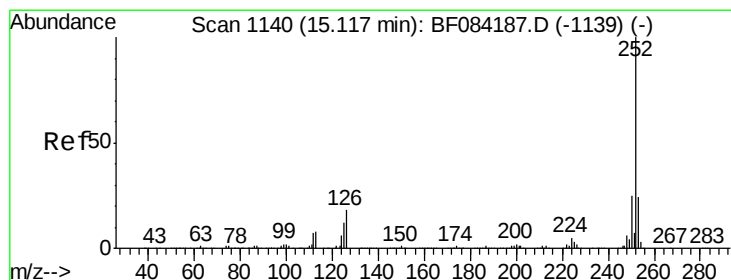
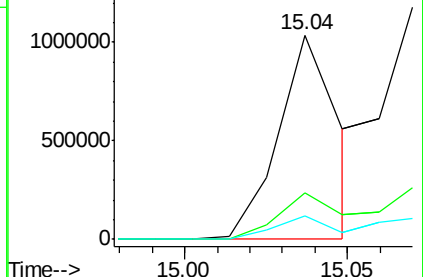
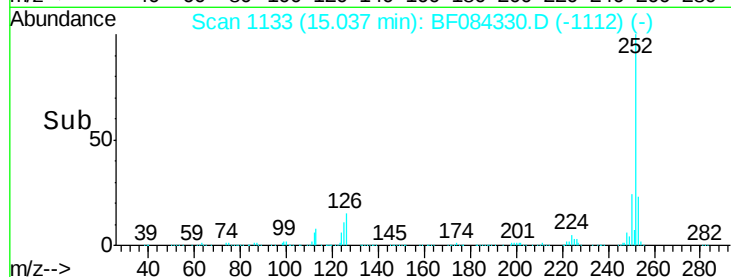
1/10/2016 9:51:30 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.65 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084330.D

Acq: 8 Jan 2016 16:18

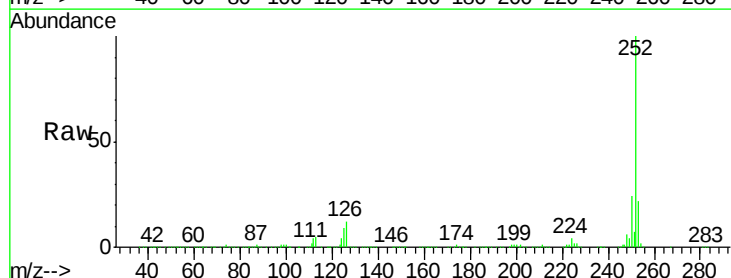
Tgt Ion:252 Resp: 1393403

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

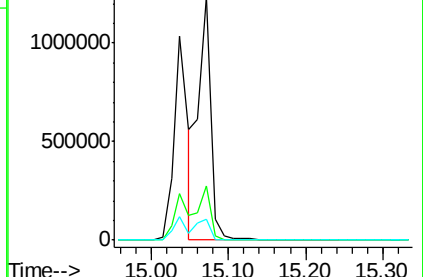
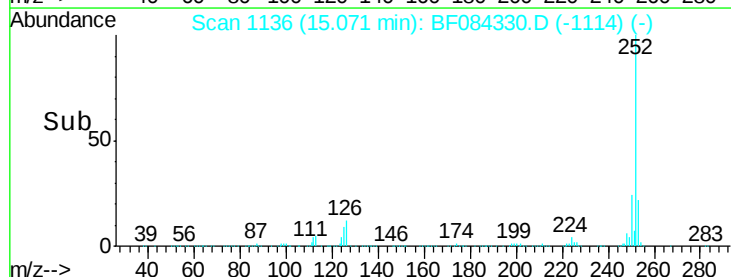
125 8.6 9.0 13.6#

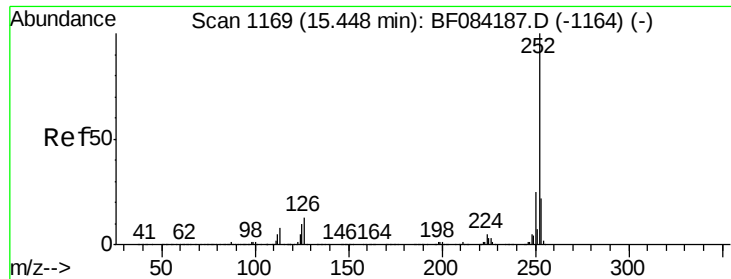


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





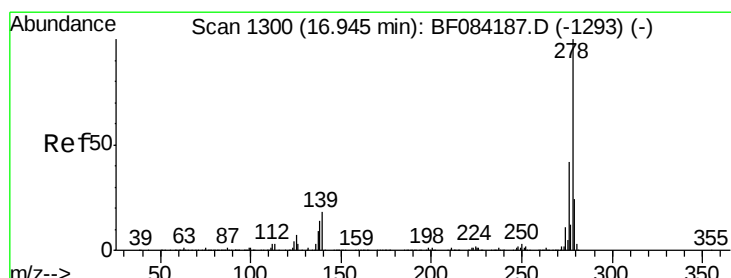
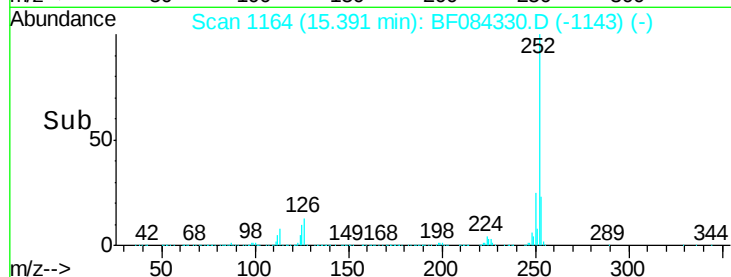
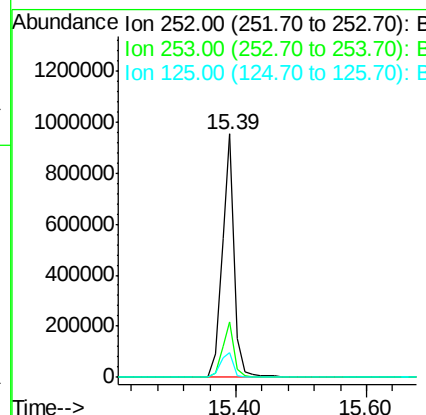
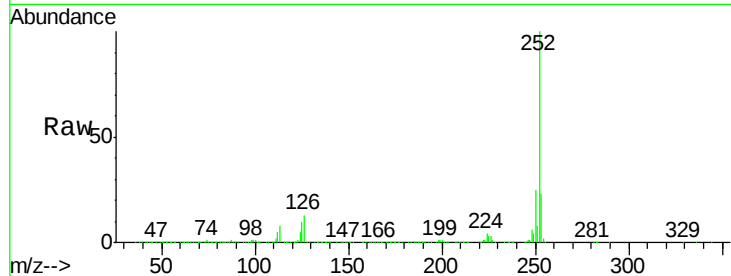
#89
Benzo(a)pyrene
Concen: 39.04 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Instrument :
BNA_F
ClientSampleId :
PB87668BSD

Tot Ion:252 Resp: 1235775
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.2 7.0 10.4

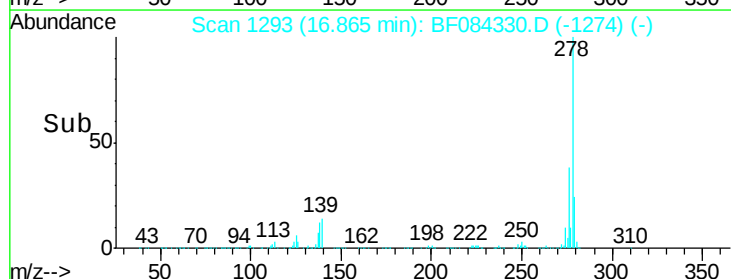
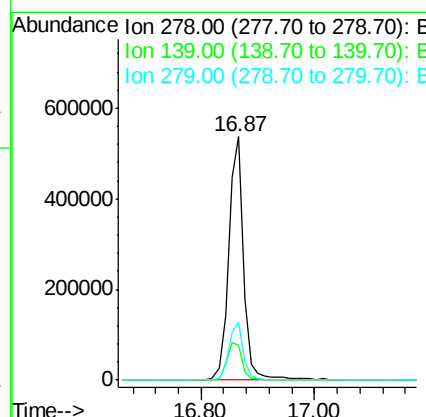
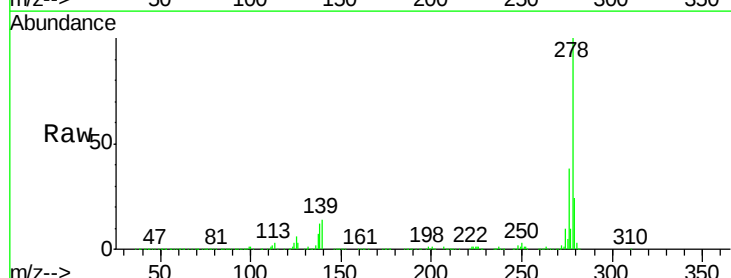
Manual Integrations
APPROVED

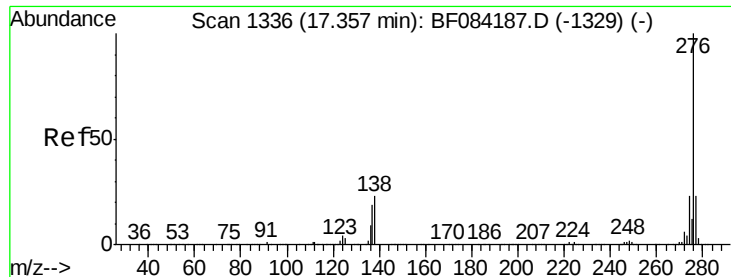
Sohil
1/10/2016 9:51:30 AM



#90
Dibenzo(a,h)anthracene
Concen: 36.28 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084330.D
Acq: 8 Jan 2016 16:18

Tgt Ion:278 Resp: 988288
Ion Ratio Lower Upper
278 100
139 14.5 15.0 22.4#
279 24.0 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 34.56 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.09 min
 Lab File: BF084330.D
 Acq: 8 Jan 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BSD

Tot Ion:	276	Resp:	974918
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.8	28.2
138	22.2	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:30 AM

