

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081949.D
 Acq On : 1 Oct 2015 20:11
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:02:51 AM

Quant Time: Oct 02 03:11:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137690	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	545099	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	267947	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	514904	20.00	ng	-0.03
75) Chrysene-d12	14.06	240	435293	20.00	ng	-0.06
86) Perylene-d12	15.51	264	350822	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	550095	72.53	ng	-0.03
7) Phenol-d6	6.53	99	680056	71.25	ng	-0.03
23) Nitrobenzene-d5	7.47	82	643879	78.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	210547	77.59	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1170073	70.72	ng	-0.05
78) Terphenyl-d14	13.01	244	1155152	85.98	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	134407	40.75	ng	84
3) Pyridine	3.25	79	324484	37.79	ng	# 83
4) n-Nitrosodimethylamine	3.21	42	133342	34.19	ng	90
6) Aniline	6.56	93	463647	36.16	ng	# 87
8) 2-Chlorophenol	6.69	128	311487	37.19	ng	95
9) Benzaldehyde	6.45	77	199841	31.97	ng	# 78
10) Phenol	6.54	94	380233	35.52	ng	70
11) bis(2-Chloroethyl)ether	6.64	93	337822	40.69	ng	91
12) 1,3-Dichlorobenzene	6.83	146	370515m	37.45	ng	
13) 1,4-Dichlorobenzene	6.91	146	394268m	38.16	ng	
14) 1,2-Dichlorobenzene	7.07	146	345030	37.48	ng	99
15) Benzyl Alcohol	7.04	79	229919	33.37	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	410784	35.00	ng	79
17) 2-Methylphenol	7.15	107	267915	39.45	ng	# 86
18) Hexachloroethane	7.41	117	124971	38.64	ng	89
19) n-Nitroso-di-n-propylamine	7.31	70	202428	34.90	ng	# 77
20) 3+4-Methylphenols	7.30	107	297732	34.71	ng	# 75
22) Acetophenone	7.31	105	425371	38.17	ng	# 83
24) Nitrobenzene	7.49	77	321161	36.17	ng	# 67
25) Isophorone	7.73	82	612186	37.77	ng	# 92
26) 2-Nitrophenol	7.81	139	184203	43.22	ng	# 82
27) 2,4-Dimethylphenol	7.84	122	294060	39.22	ng	# 83
28) bis(2-Chloroethoxy)methane	7.94	93	362768	37.69	ng	# 96
29) 2,4-Dichlorophenol	8.05	162	289739	39.85	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	317501	39.12	ng	98
31) Naphthalene	8.21	128	860627	35.63	ng	97
32) Benzoic acid	7.95	122	147852	35.26	ng	# 69
33) 4-Chloroaniline	8.26	127	398053	38.11	ng	# 96
34) Hexachlorobutadiene	8.32	225	188820	39.33	ng	98
35) Caprolactam	8.64	113	83399	41.43	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	271037	38.12	ng	# 80
37) 2-Methylnaphthalene	8.89	142	604960	36.69	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	325905	39.62	ng	98
40) Hexachlorocyclopentadiene	9.05	237	163969	38.71	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081949.D
 Acq On : 1 Oct 2015 20:11
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

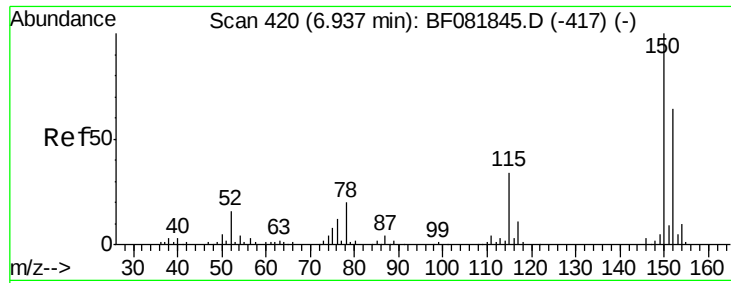
Manual Integrations
 APPROVED

apatel
 10/2/2015 9:02:51 AM

Quant Time: Oct 02 03:11:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	199636	35.40	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	245486	42.33	ng	97
45) 1,1'-Biphenyl	9.36	154	741320	35.86	ng	93
46) 2-Chloronaphthalene	9.38	162	589417	36.31	ng	# 93
47) 2-Nitroaniline	9.49	65	188941	39.65	ng	# 80
48) Acenaphthylene	9.81	152	982456	37.82	ng	97
49) Dimethylphthalate	9.67	163	733890	39.68	ng	# 97
50) 2,6-Dinitrotoluene	9.73	165	153606	38.25	ng	# 68
51) Acenaphthene	9.98	154	607385	39.37	ng	89
52) 3-Nitroaniline	9.90	138	185449	39.92	ng	# 68
53) 2,4-Dinitrophenol	10.00	184	65718	46.99	ng	# 62
54) Dibenzofuran	10.15	168	827209	37.94	ng	94
55) 4-Nitrophenol	10.06	139	116349	34.66	ng	# 72
56) 2,4-Dinitrotoluene	10.13	165	189132	36.95	ng	# 73
57) Fluorene	10.49	166	645825	41.24	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	200308m	43.54	ng	
59) Diethylphthalate	10.35	149	667856	38.66	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	317115	39.73	ng	94
61) 4-Nitroaniline	10.51	138	184167	39.54	ng	# 53
62) Azobenzene	10.64	77	666403	39.52	ng	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	108538	46.74	ng	# 73
65) n-Nitrosodiphenylamine	10.61	169	590104	37.88	ng	92
66) 4-Bromophenyl-phenylether	10.97	248	214121	41.24	ng	# 91
67) Hexachlorobenzene	11.03	284	205285	35.04	ng	# 90
68) Atrazine	11.12	200	186698	38.62	ng	83
69) Pentachlorophenol	11.22	266	133658	40.04	ng	99
70) Phenanthrene	11.45	178	963568	38.65	ng	96
71) Anthracene	11.50	178	992405	37.92	ng	96
72) Carbazole	11.66	167	937517	39.58	ng	95
73) Di-n-butylphthalate	11.98	149	1008452	41.70	ng	# 97
74) Fluoranthene	12.63	202	1009248	36.59	ng	93
76) Benzidine	12.77	184	546297	41.65	ng	# 97
77) Pyrene	12.87	202	1023784	39.37	ng	97
79) Butylbenzylphthalate	13.49	149	433934	44.35	ng	# 83
80) Benzo(a)anthracene	14.05	228	881245	37.60	ng	96
81) 3,3'-Dichlorobenzidine	14.02	252	344675	43.54	ng	# 93
82) Chrysene	14.09	228	951484	48.38	ng	94
83) Bis(2-ethylhexyl)phthalate	14.04	149	558989	45.54	ng	# 92
84) Di-n-octyl phthalate	14.65	149	942723	47.19	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.94	276	675964	36.86	ng	# 88
87) Benzo(b)fluoranthene	15.09	252	683545m	34.13	ng	
88) Benzo(k)fluoranthene	15.12	252	846980m	46.14	ng	
89) Benzo(a)pyrene	15.45	252	695258	40.02	ng	# 84
90) Dibenzo(a,h)anthracene	16.96	278	552369	37.89	ng	# 80
91) Benzo(g,h,i)perylene	17.37	276	532062	35.62	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

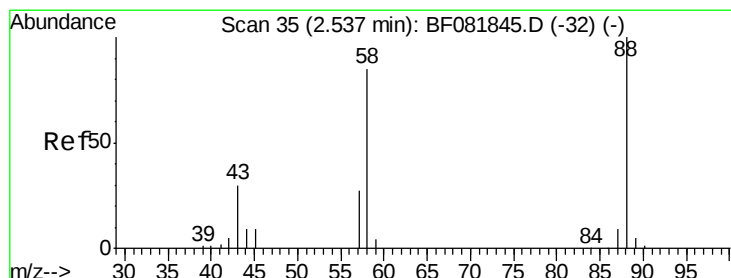
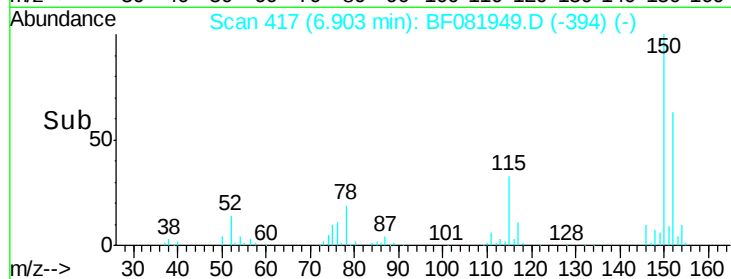
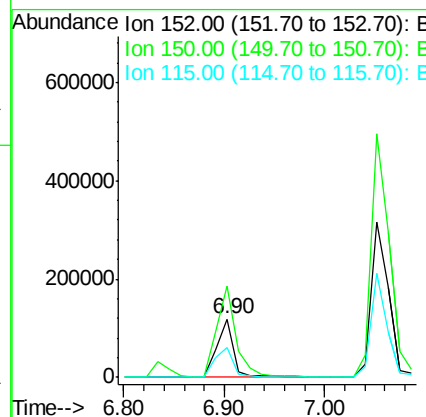
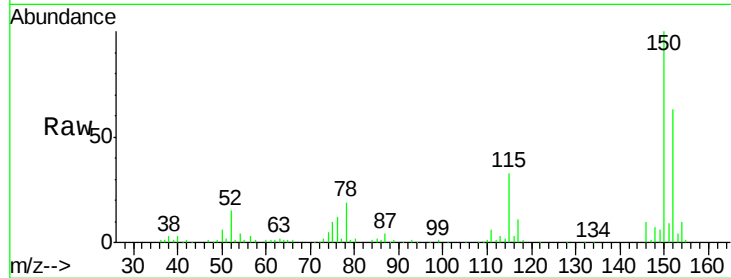
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	137690
Ion Ratio	Lower	Upper	
152	100		
150	157.6	124.7	187.1
115	52.0	39.0	58.4

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#2

1,4-Dioxane

Concen: 40.75 ng

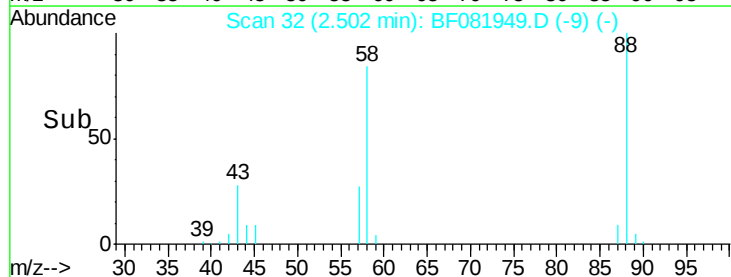
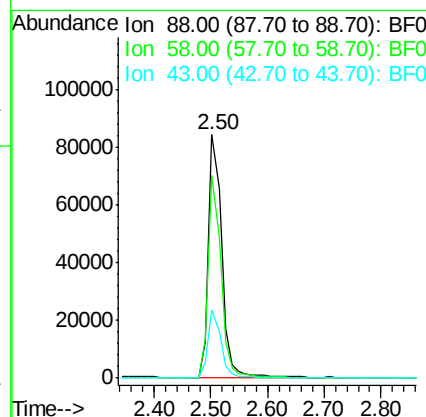
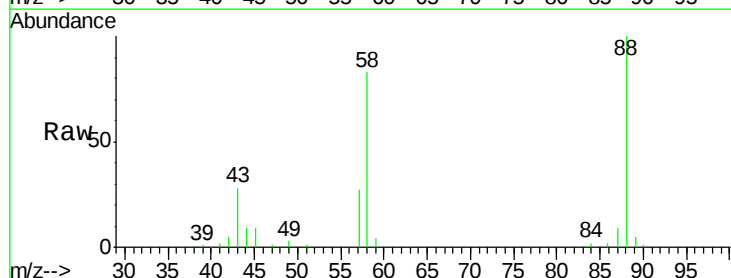
RT: 2.50 min Scan# 32

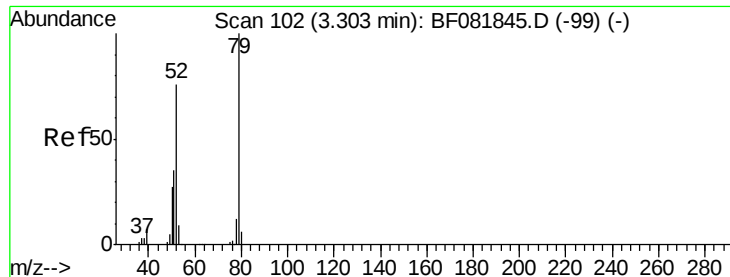
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	88	Resp:	134407
Ion Ratio	Lower	Upper	
88	100		
58	79.6	77.7	116.5
43	26.9	26.6	40.0





#3

Pyridine

Concen: 37.79 ng

RT: 3.25 min Scan# 97

Delta R.T. -0.06 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

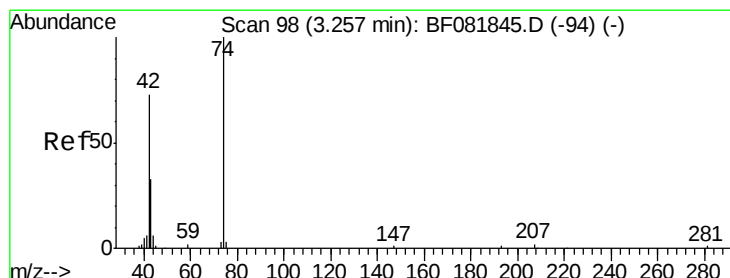
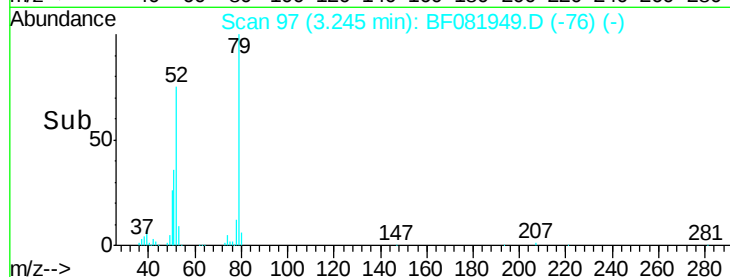
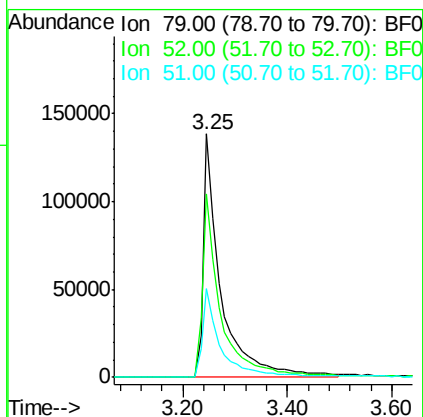
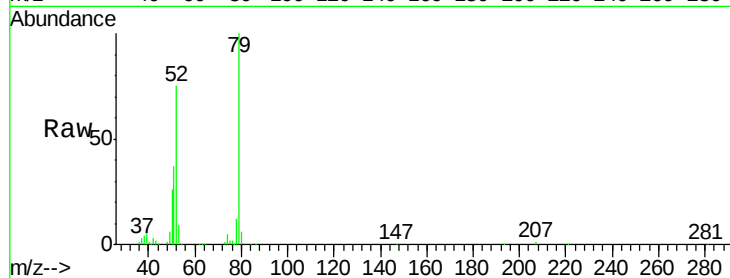
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	324484
Ion Ratio	Lower	Upper	
79	100		
52	75.4	76.8	115.2#
51	36.6	32.2	48.4

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#4

n-Nitrosodimethylamine

Concen: 34.19 ng

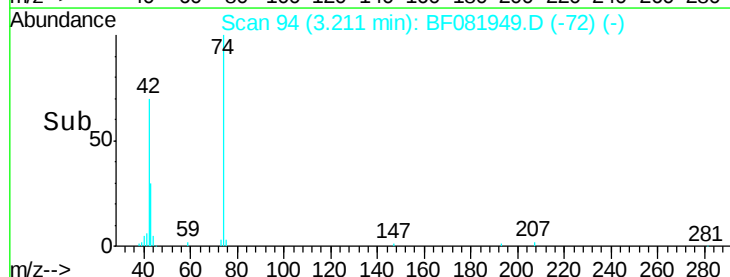
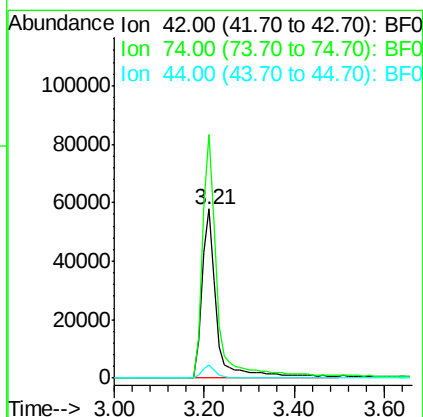
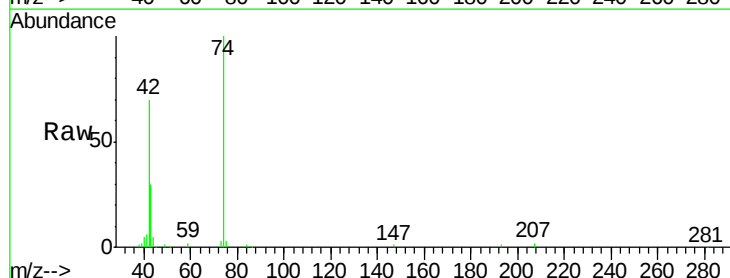
RT: 3.21 min Scan# 94

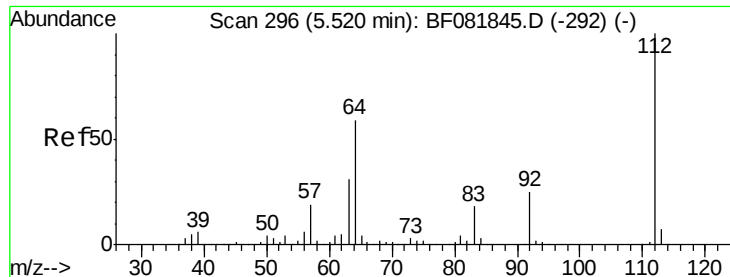
Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	42	Resp:	133342
Ion Ratio	Lower	Upper	
42	100		
74	143.9	105.0	157.6
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 72.53 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

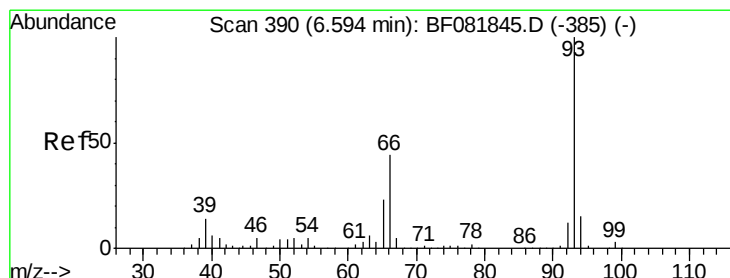
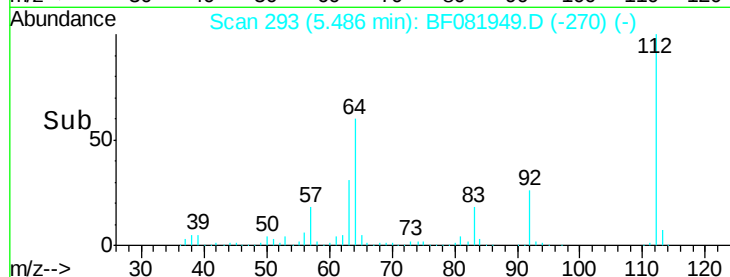
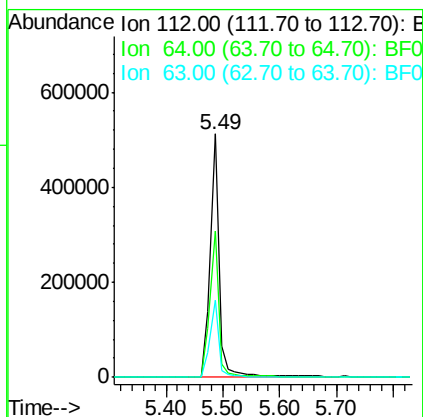
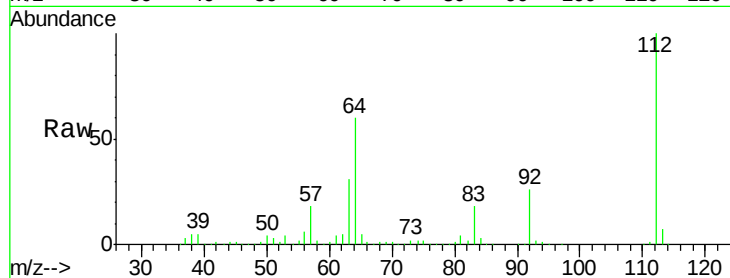
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	550095
Ion Ratio		Lower	Upper
112	100		
64	59.9	39.7	59.5#
63	31.5	17.4	26.0#

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#6

Aniline

Concen: 36.16 ng

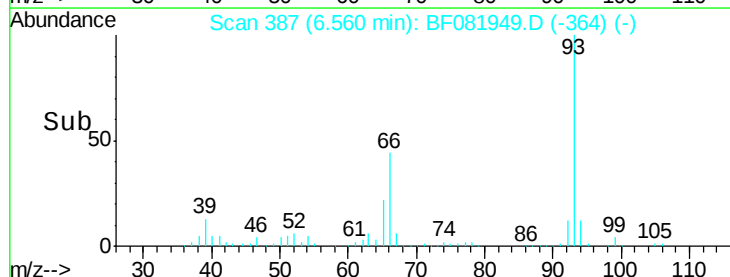
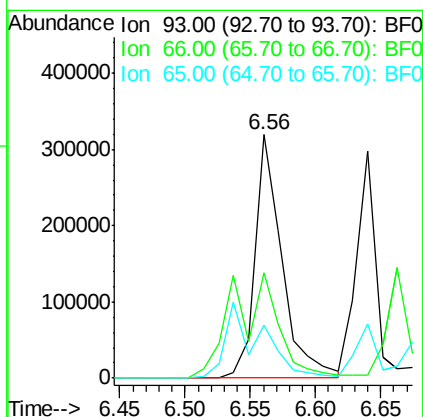
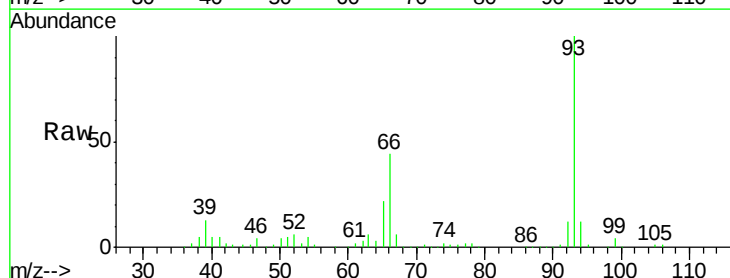
RT: 6.56 min Scan# 387

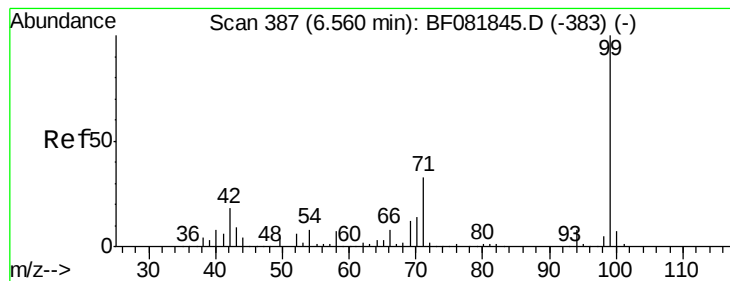
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	93	Resp:	463647
Ion Ratio		Lower	Upper
93	100		
66	43.5	27.2	40.8#
65	21.8	14.7	22.1





#7

Phenol-d6

Concen: 71.25 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

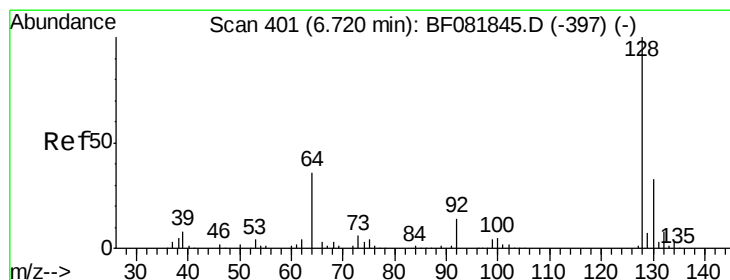
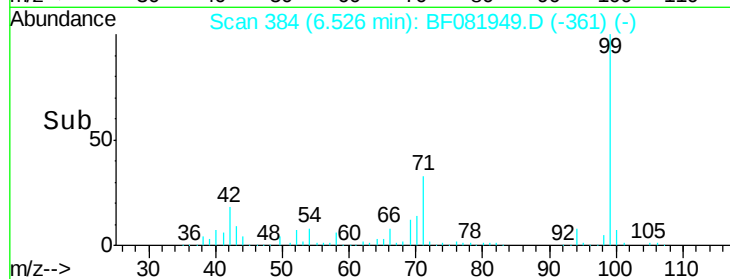
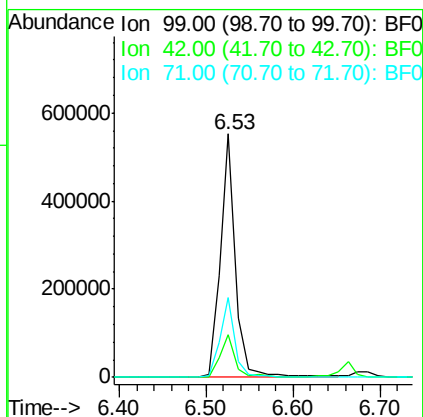
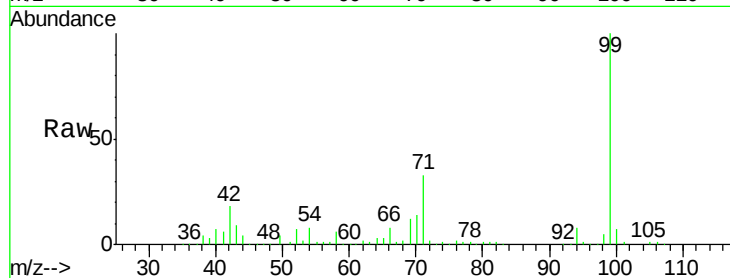
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	99	Resp:	680056
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.7	20.5
71	32.9	14.2	21.2#

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#8

2-Chlorophenol

Concen: 37.19 ng

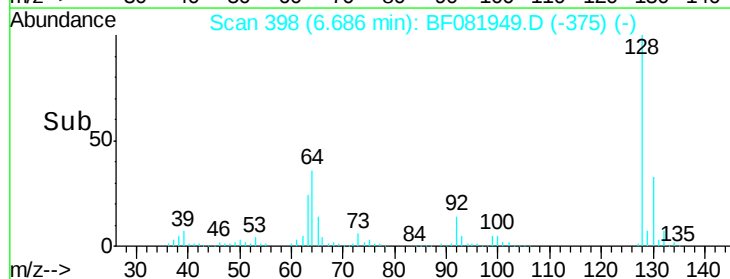
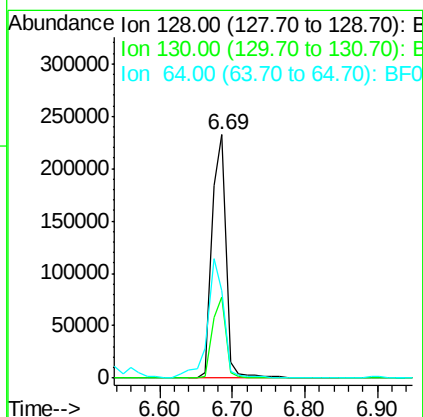
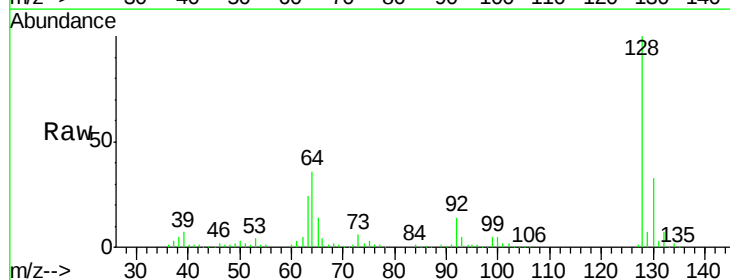
RT: 6.69 min Scan# 398

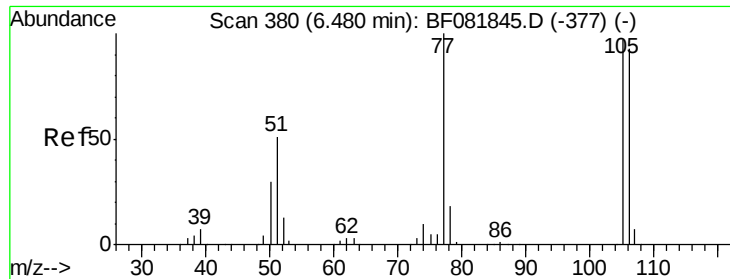
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	128	Resp:	311487
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.2	52.2
64	35.8	20.5	60.5





#9

Benzaldehyde

Concen: 31.97 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

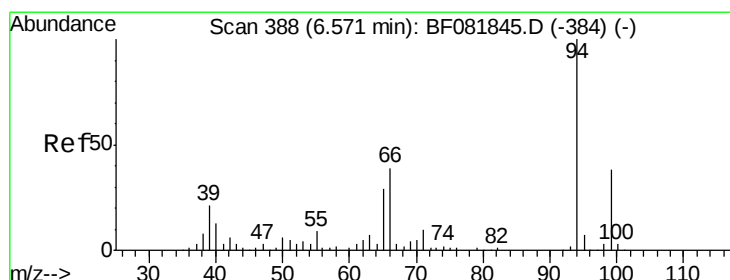
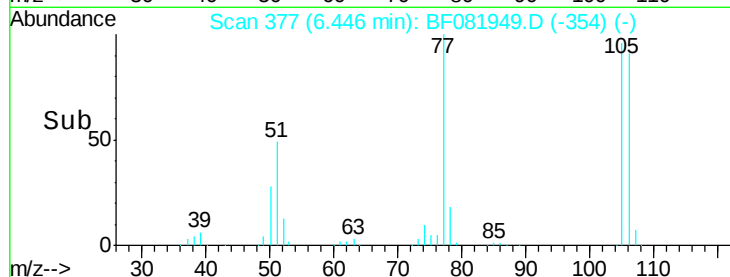
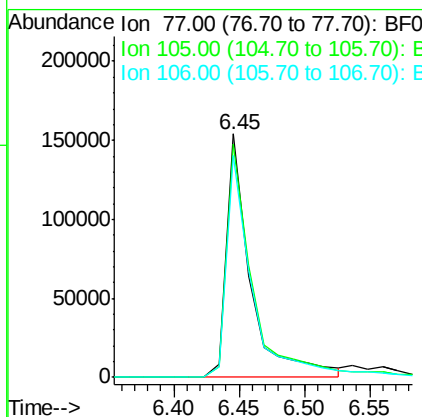
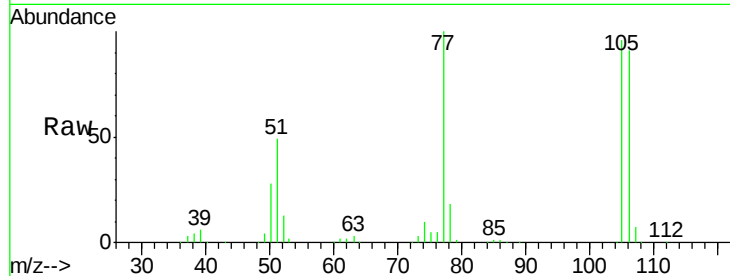
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	199841
Ion Ratio	Lower	Upper	
77	100		
105	95.6	91.6	131.6
106	91.2	102.6	142.6#

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#10

Phenol

Concen: 35.52 ng

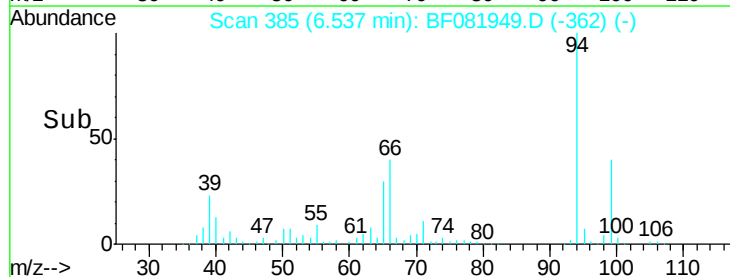
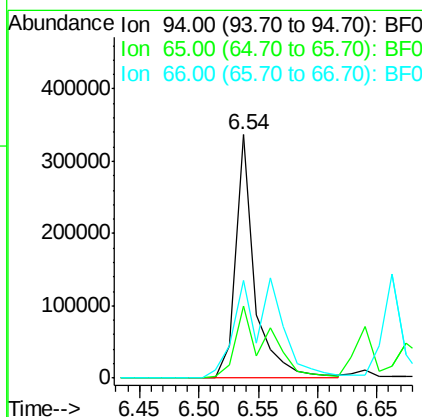
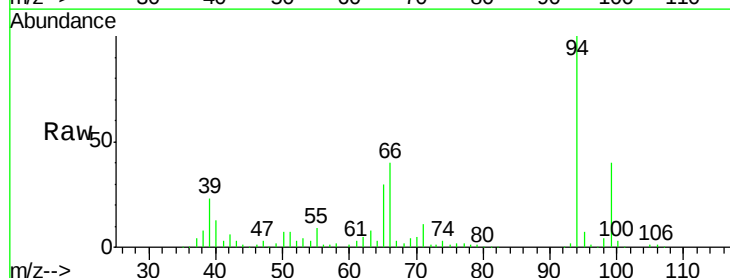
RT: 6.54 min Scan# 385

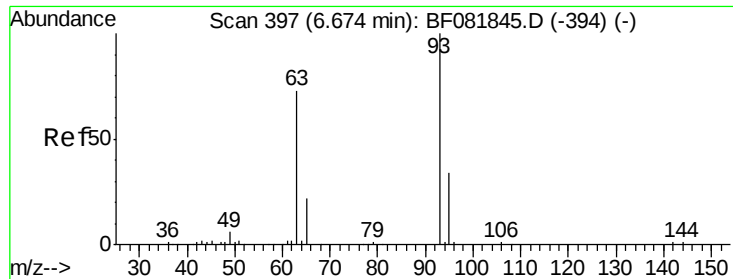
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	94	Resp:	380233
Ion Ratio	Lower	Upper	
94	100		
65	29.6	0.7	40.7
66	40.0	0.8	40.8





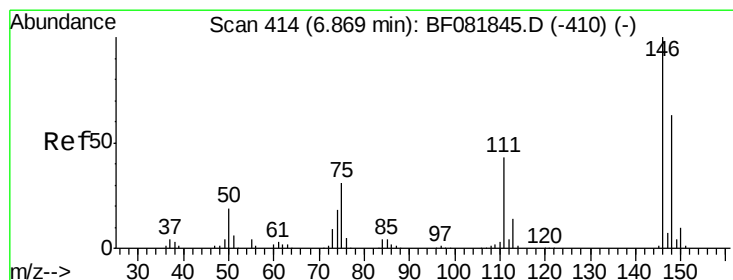
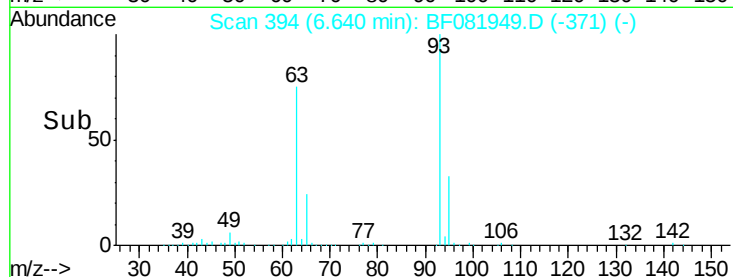
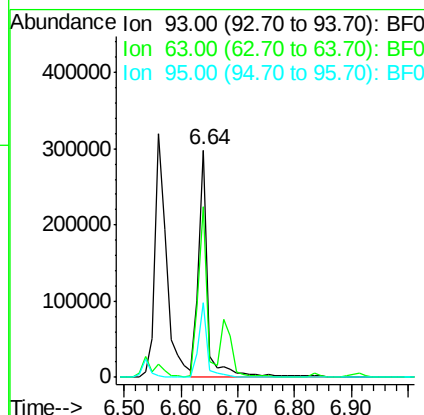
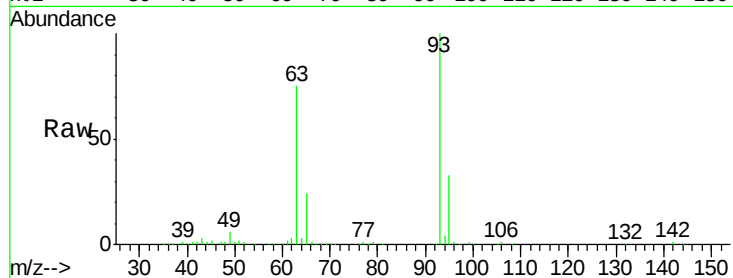
#11
bis(2-Chloroethyl)ether
Concen: 40.69 ng
RT: 6.64 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	337822		
63	75.1	65.6	105.6	
95	32.8	13.6	53.6	

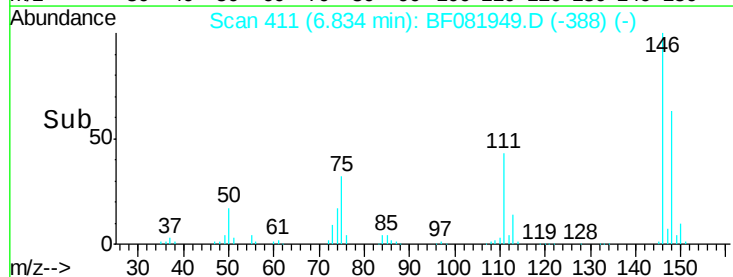
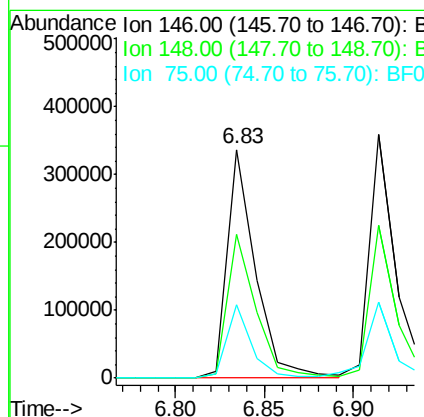
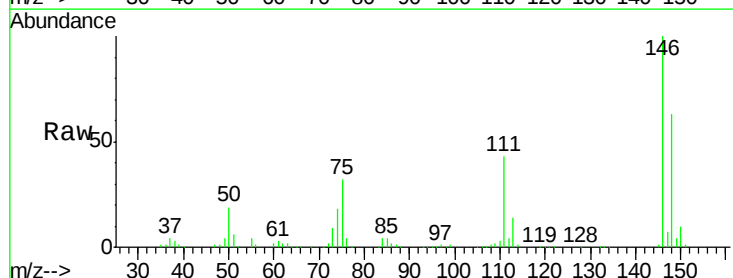
Manual Integrations
APPROVED

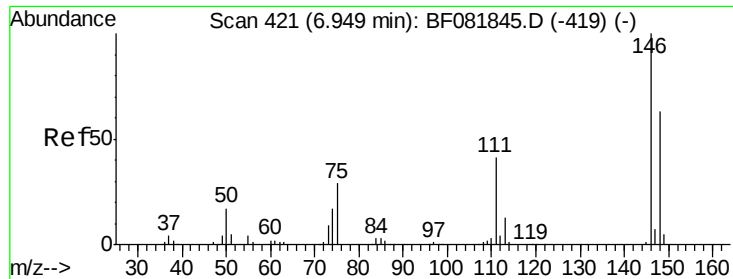
apatel
10/2/2015 9:02:51 AM



#12
1,3-Dichlorobenzene
Concen: 37.45 ng m
RT: 6.83 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	370515		
148	62.8	51.0	76.4	
75	31.9	15.0	22.6	





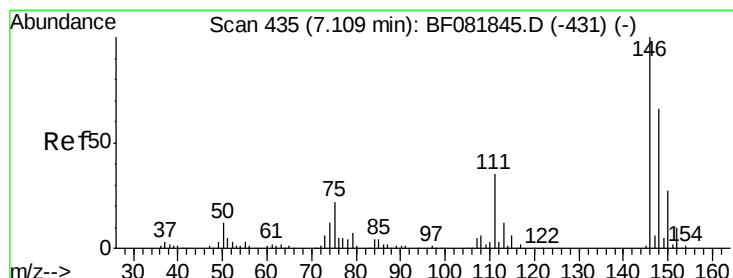
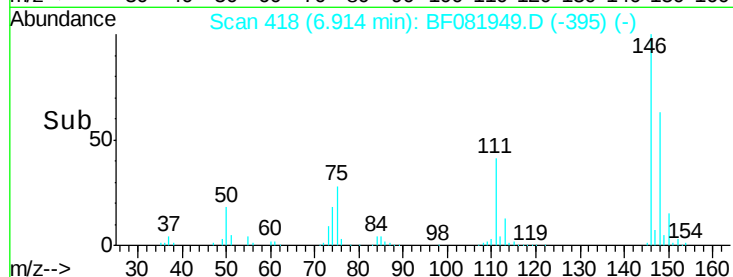
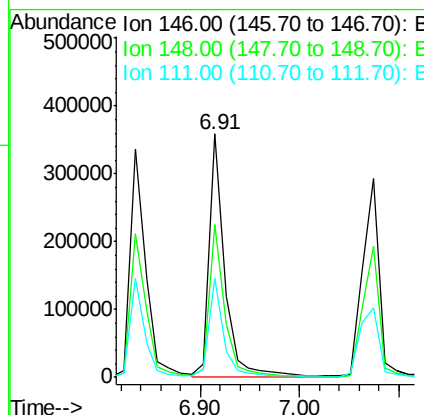
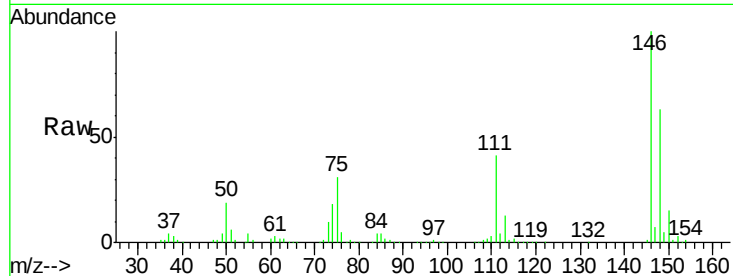
#13
 1,4-Dichlorobenzene
 Concen: 38.16 ng m
 RT: 6.91 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	394268		
148	62.6	51.8	77.6	
111	40.9	24.9	37.3#	

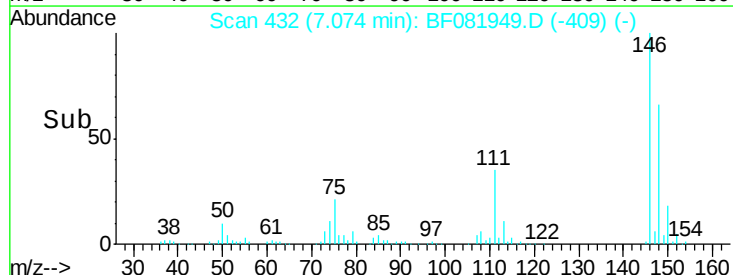
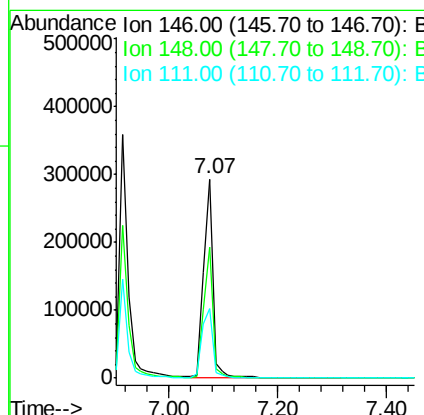
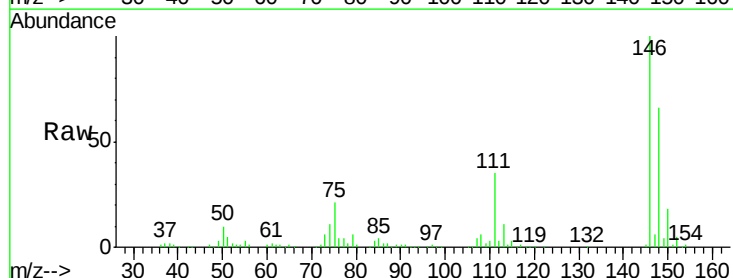
Manual Integrations
 APPROVED

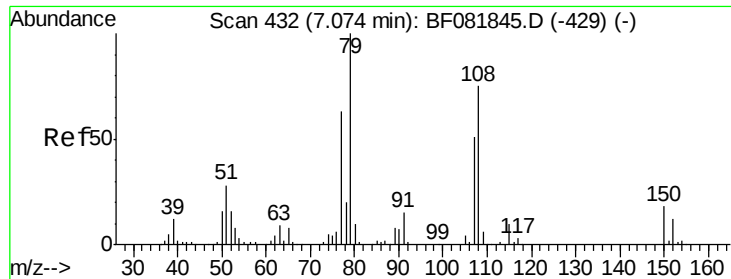
apatel
 10/2/2015 9:02:51 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.48 ng
 RT: 7.07 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	345030		
148	66.0	52.7	79.1	
111	34.9	28.8	43.2	





#15

Benzyl Alcohol

Concen: 33.37 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 229919
Ion Ratio Lower Upper

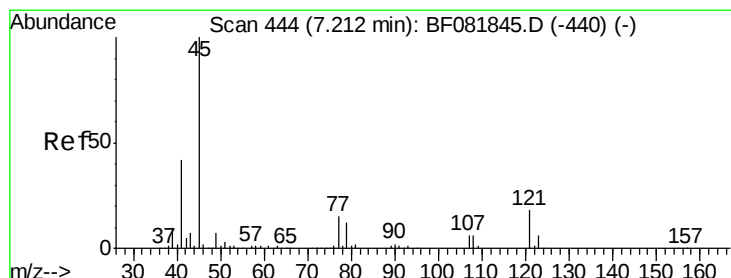
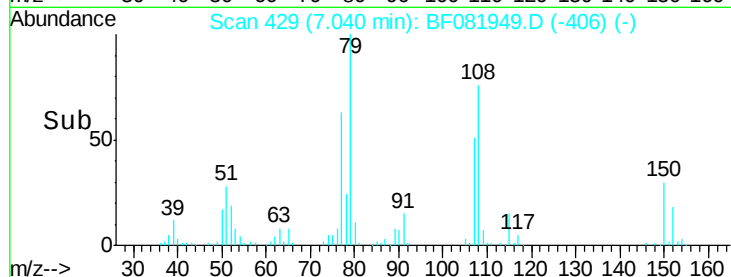
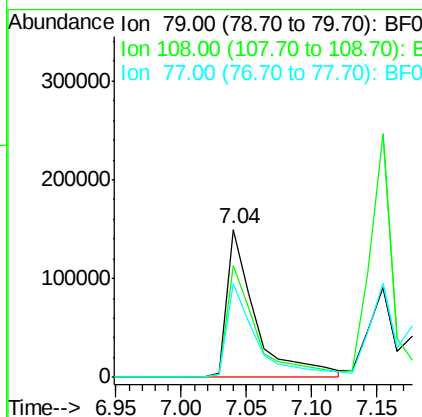
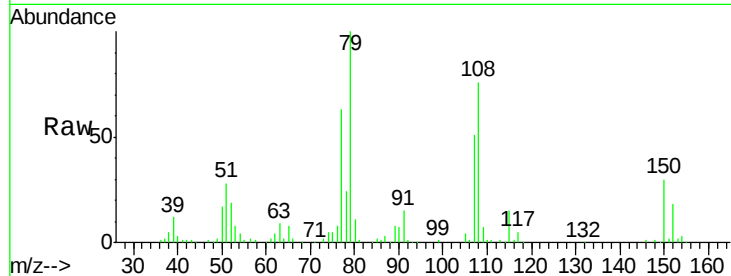
79 100

108 75.6 88.6 132.8#

77 63.2 47.0 70.4

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.00 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF081949.D

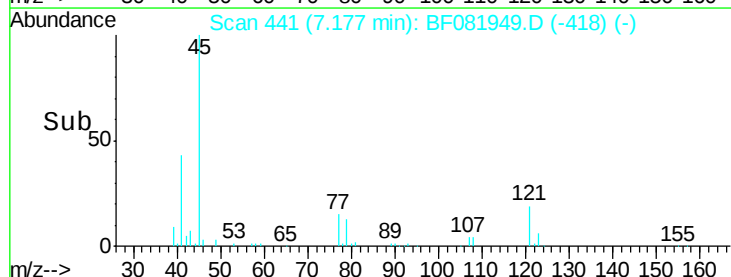
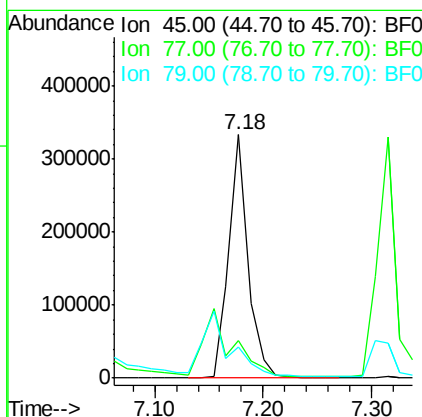
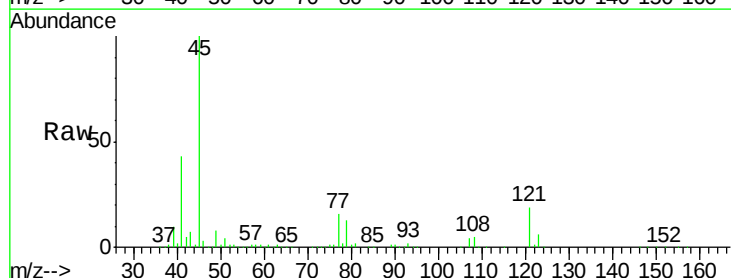
Acq: 1 Oct 2015 20:11

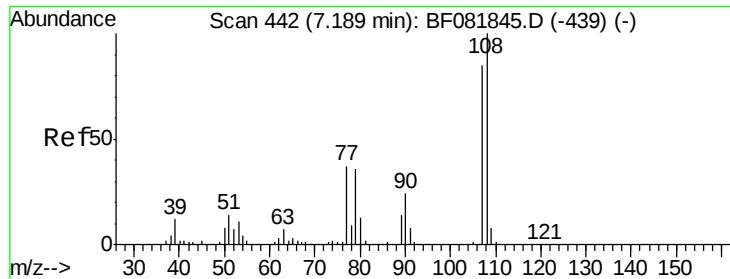
Tgt Ion: 45 Resp: 410784
Ion Ratio Lower Upper

45 100

77 15.6 0.0 28.1

79 12.8 0.0 26.0





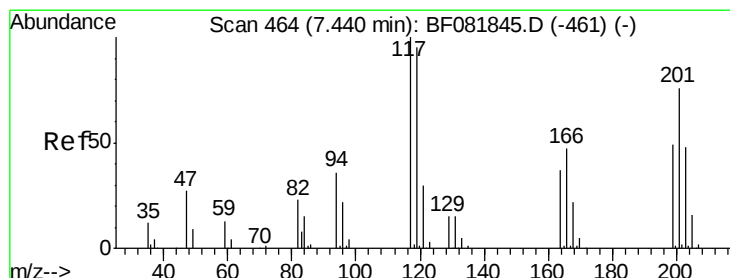
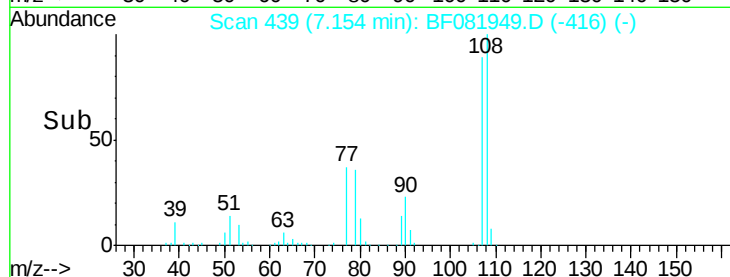
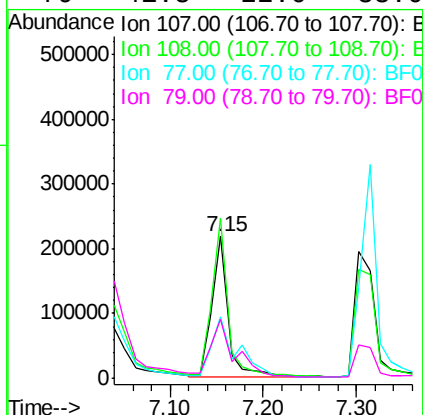
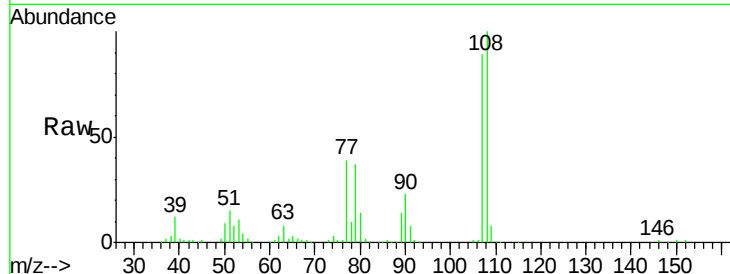
#17
2-Methylphenol
Concen: 39.45 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.5	96.6	145.0
77	43.4	23.3	34.9
79	41.8	22.0	33.0

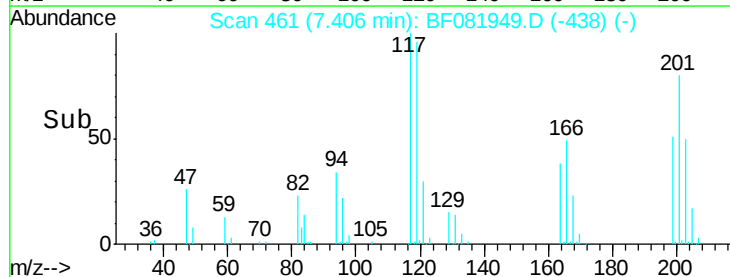
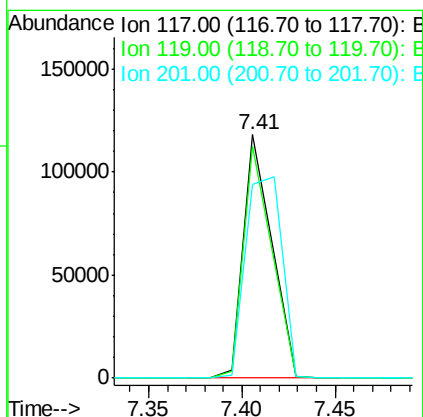
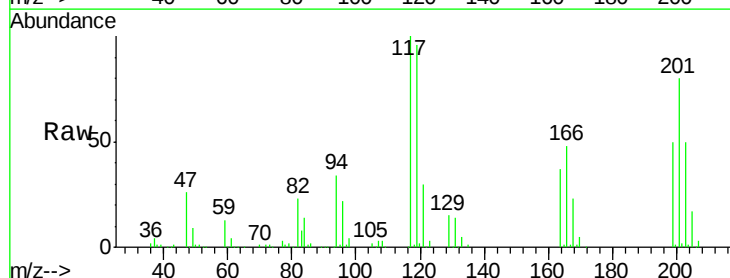
Manual Integrations
APPROVED

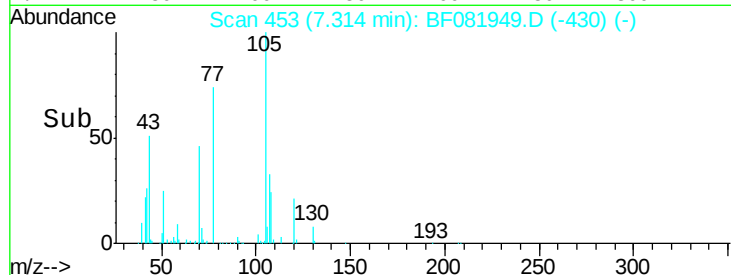
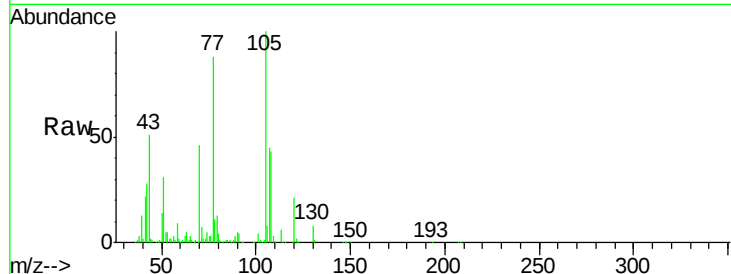
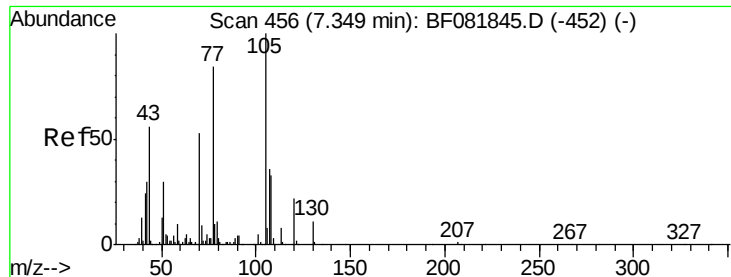
apatel
10/2/2015 9:02:51 AM



#18
Hexachloroethane
Concen: 38.64 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.5	83.8	125.6
201	79.8	55.1	82.7





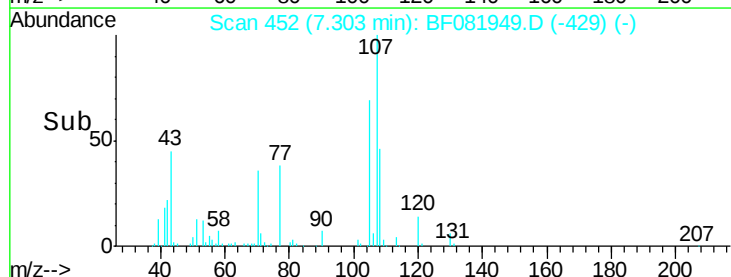
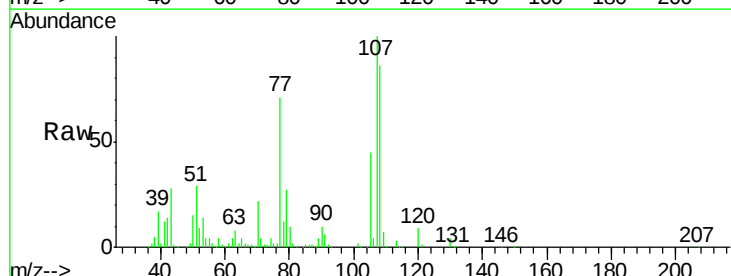
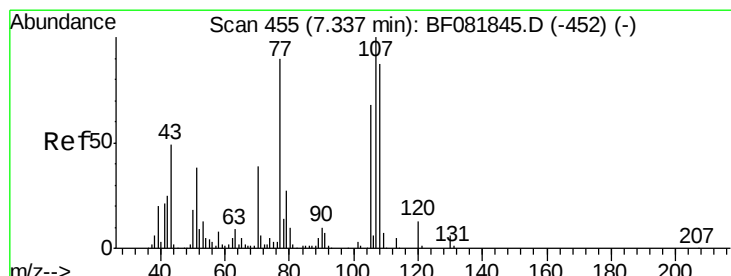
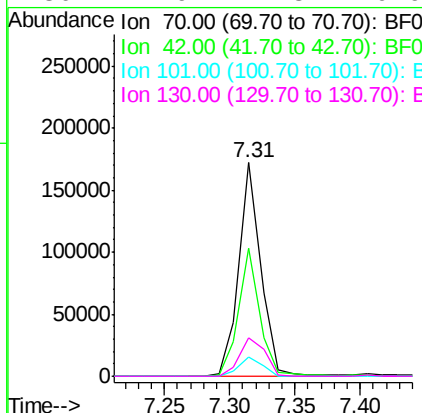
#19
n-Nitroso-di-n-propylamine
Concen: 34.90 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		202428		
42	59.9	63.8	95.6#		
101	9.1	9.2	13.8#		
130	17.9	27.3	40.9#		

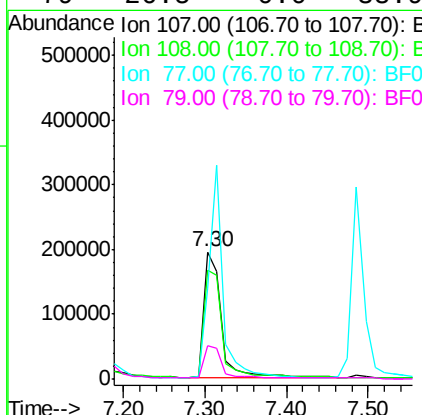
Manual Integrations
APPROVED

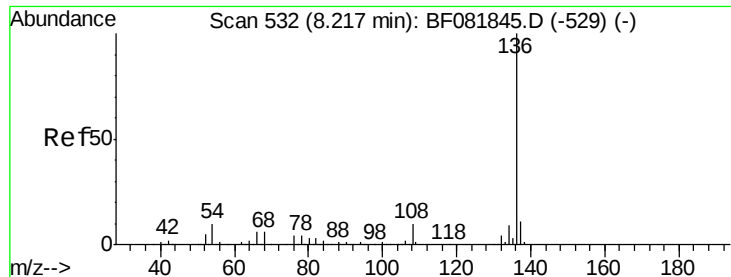
apatel
10/2/2015 9:02:51 AM



#20
3+4-Methylphenols
Concen: 34.71 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		297732		
108	85.9	74.6	114.6		
77	71.1	0.7	40.7#		
79	26.5	0.0	38.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081949.D

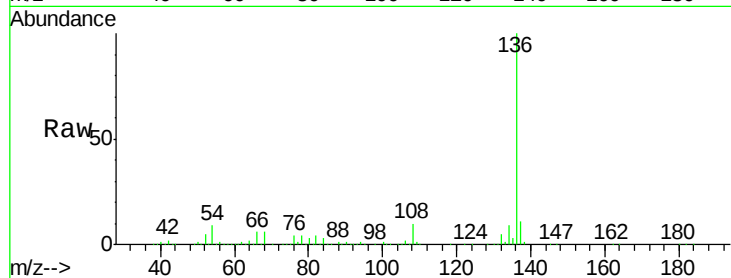
Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 545099

Ion Ratio Lower Upper

136 100

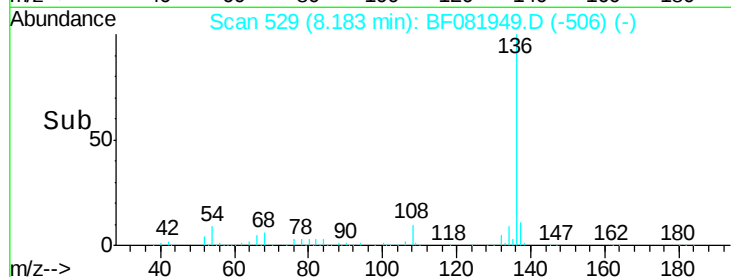
137 11.4 9.0 13.6

54 9.2 8.2 12.2

68 6.1 5.8 8.6

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

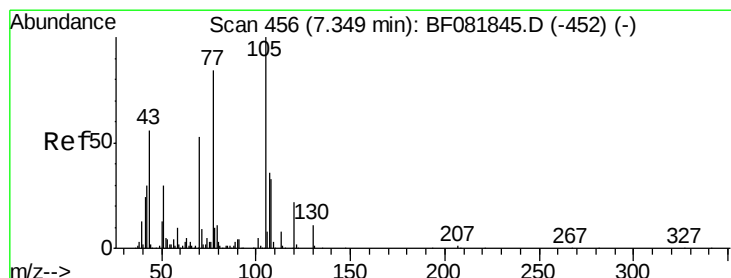
8.18

400000

200000

0

Time-->



#22

Acetophenone

Concen: 38.17 ng

RT: 7.31 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:105 Resp: 425371

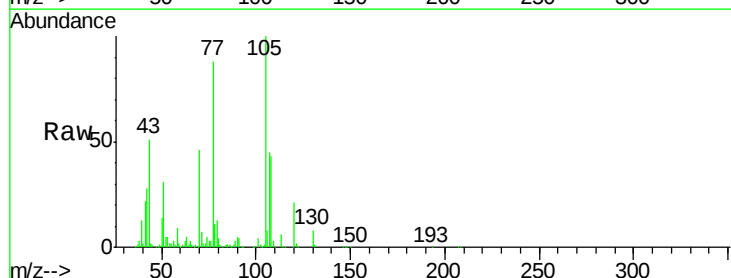
Ion Ratio Lower Upper

105 100

71 7.4 4.7 7.1#

51 30.6 22.0 33.0

120 21.0 30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

7.31

400000

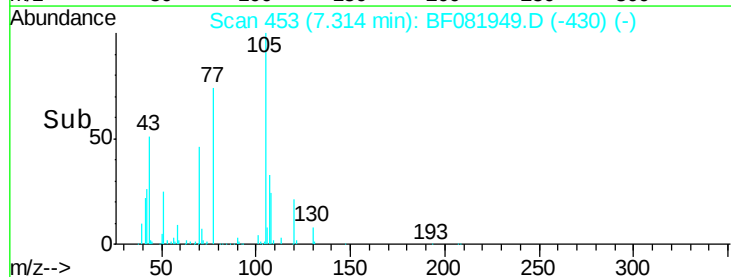
300000

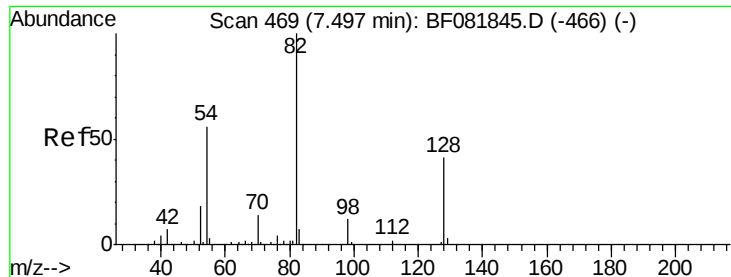
200000

100000

0

Time-->





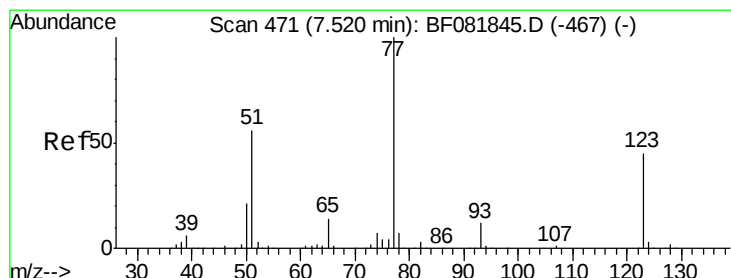
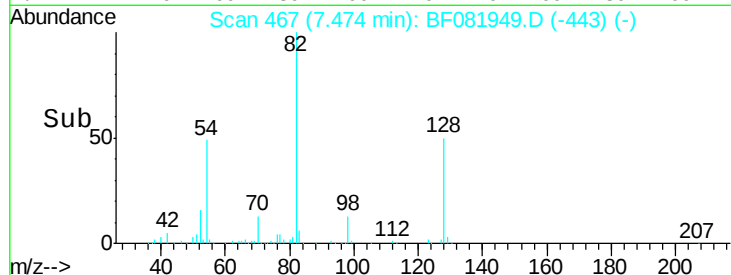
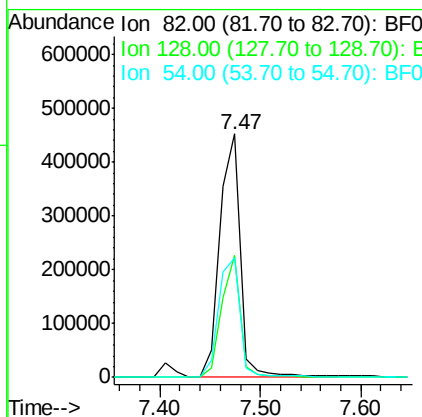
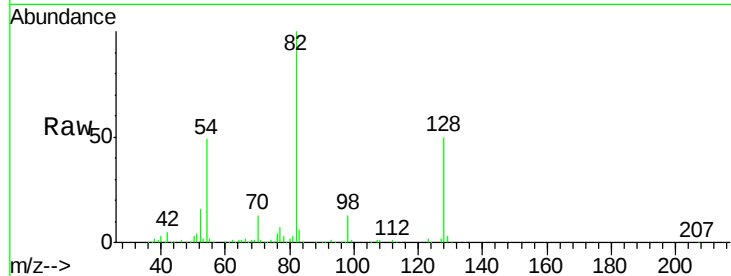
#23
 Nitrobenzene-d5
 Concen: 78.74 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.4	51.0	76.6#
54	49.2	47.5	71.3

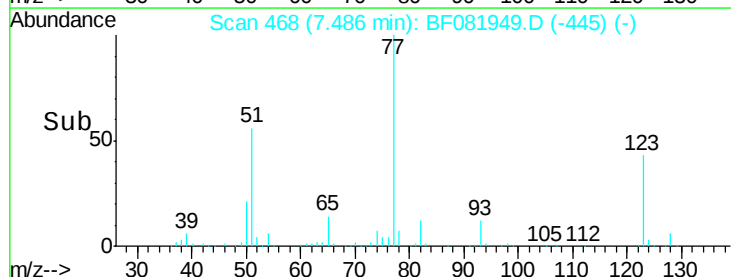
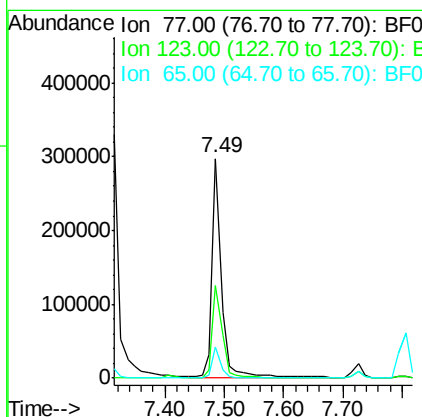
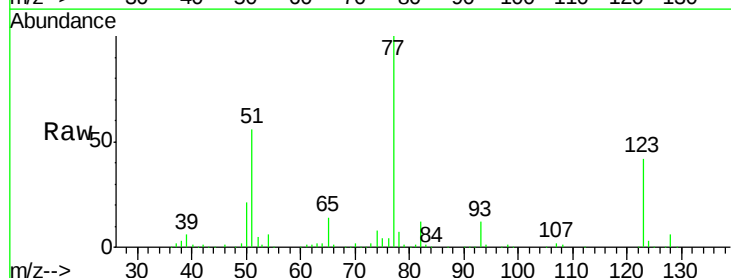
Manual Integrations
 APPROVED

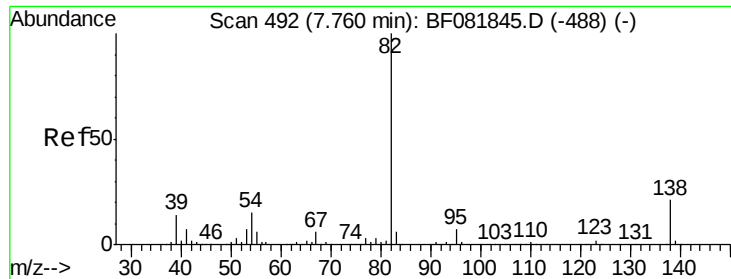
apatel
 10/2/2015 9:02:51 AM



#24
 Nitrobenzene
 Concen: 36.17 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	59.8	89.8#
65	14.0	10.2	15.4





#25

Isophorone

Concen: 37.77 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 612186
Ion Ratio Lower Upper

82 100

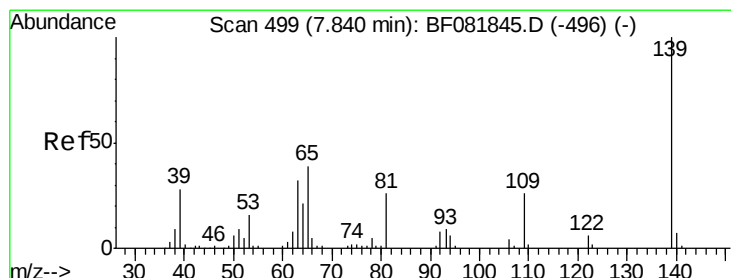
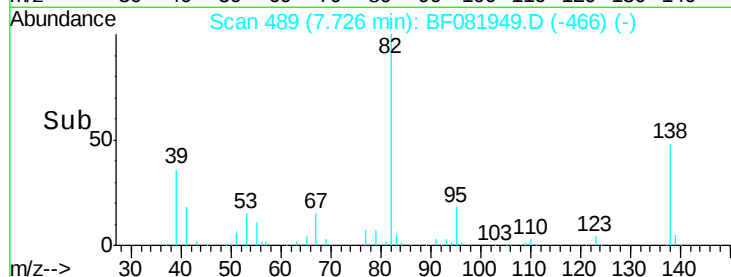
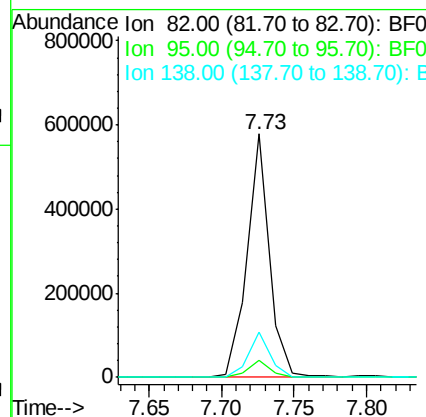
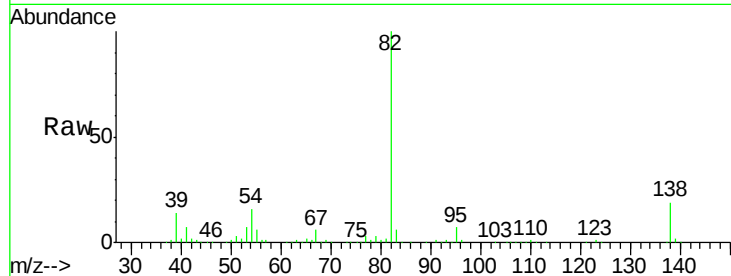
95 7.0 4.0 6.0#

138 18.5 18.3 27.5

Manual Integrations
APPROVED

apatel

10/2/2015 9:02:51 AM



#26

2-Nitrophenol

Concen: 43.22 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081949.D

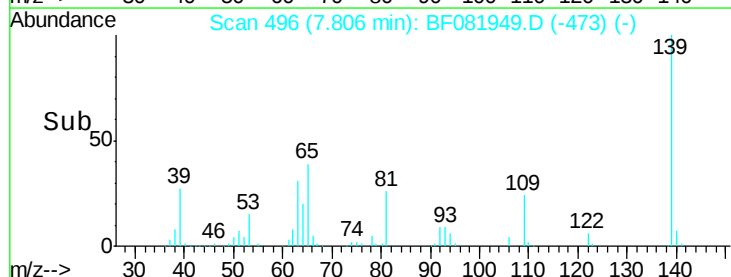
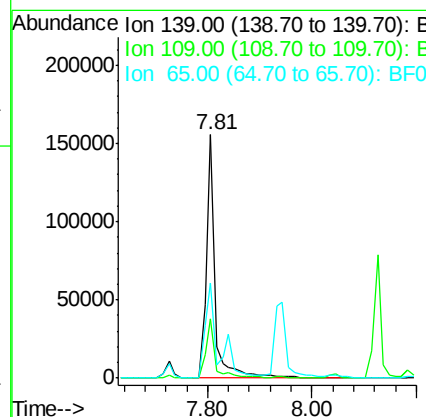
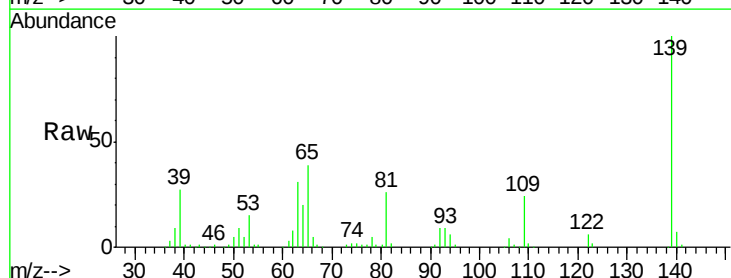
Acq: 1 Oct 2015 20:11

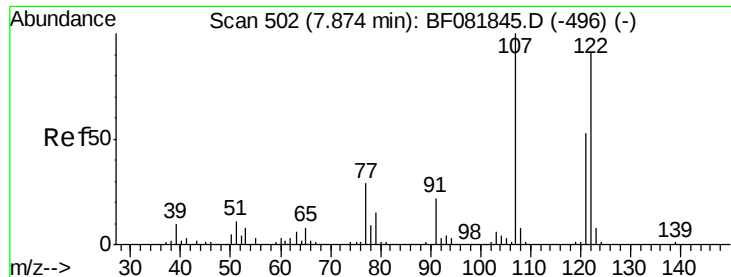
Tgt Ion: 139 Resp: 184203
Ion Ratio Lower Upper

139 100

109 24.2 11.0 16.4#

65 39.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 39.22 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

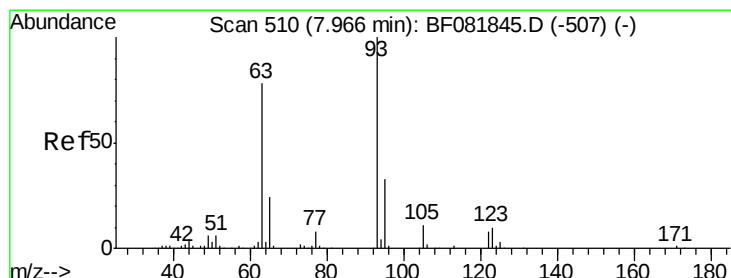
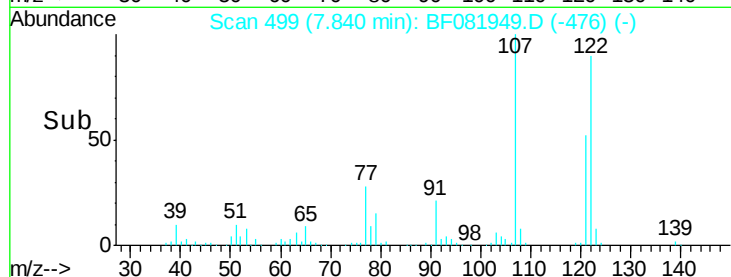
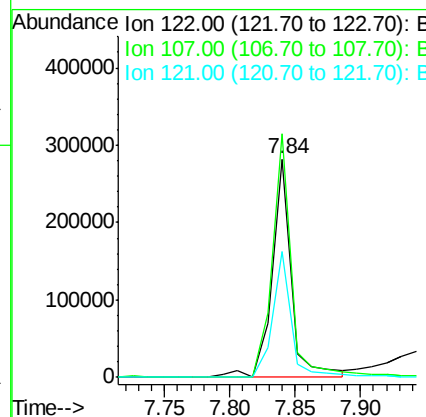
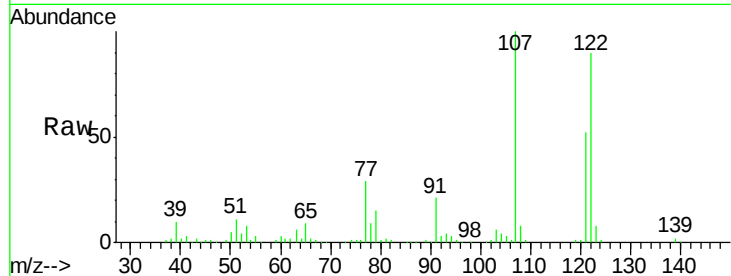
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	294060		
107	111.6	71.8	107.6#	
121	57.5	42.3	63.5	

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#28

bis(2-Chloroethoxy)methane

Concen: 37.69 ng

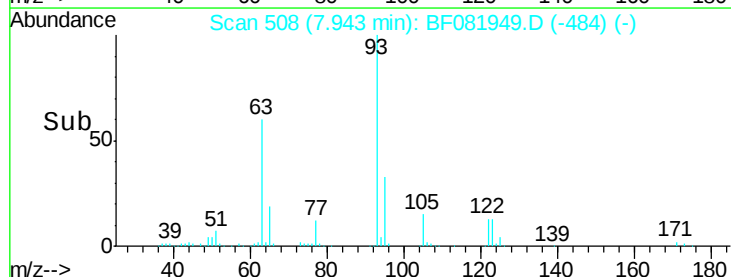
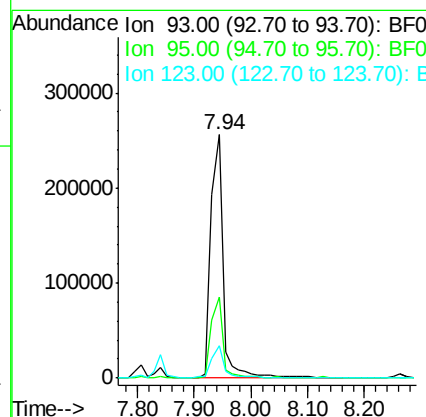
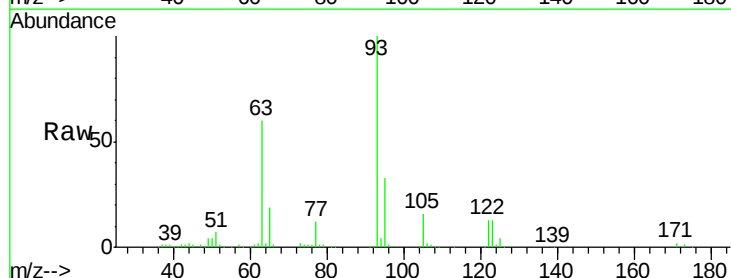
RT: 7.94 min Scan# 508

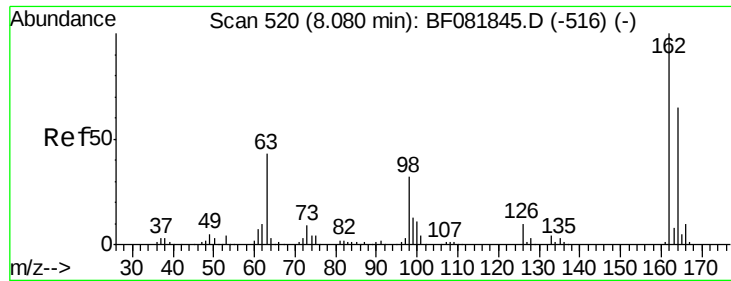
Delta R.T. -0.02 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362768		
95	33.5	27.5	41.3	
123	13.4	13.7	20.5#	





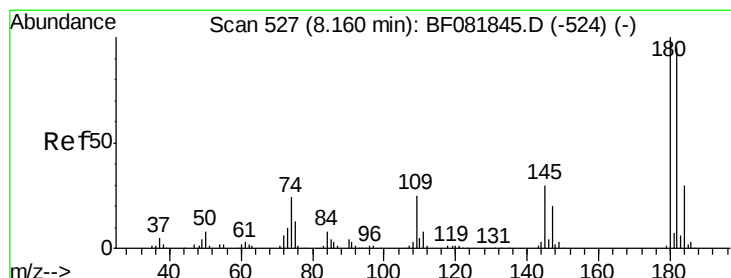
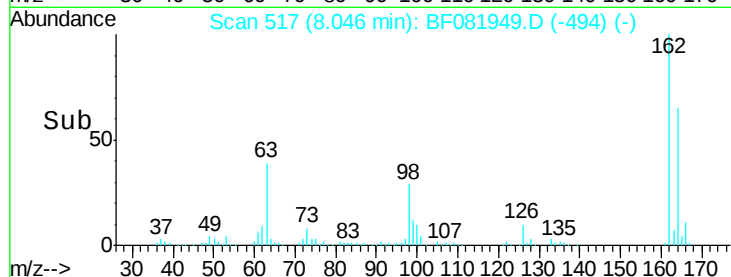
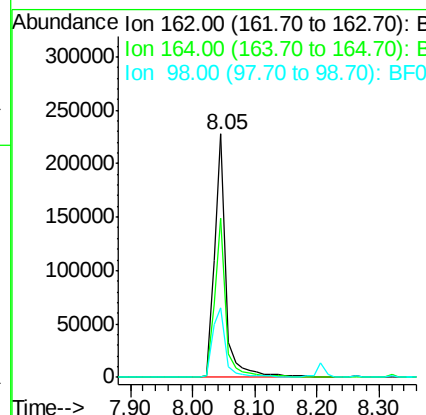
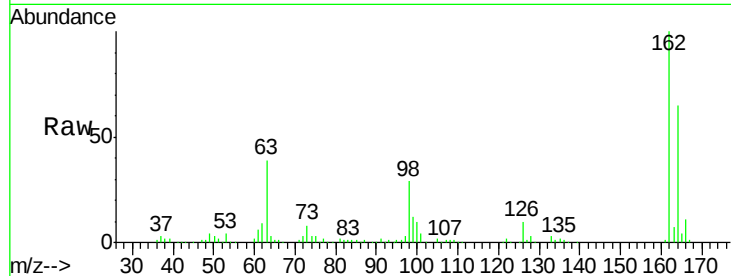
#29
 2,4-Dichlorophenol
 Concen: 39.85 ng
 RT: 8.05 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	289739		
164	65.3	44.9	84.9	
98	28.7	13.0	53.0	

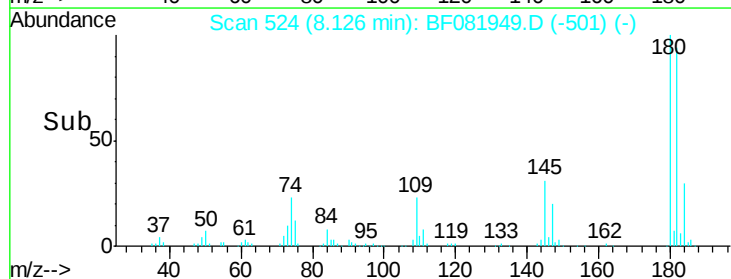
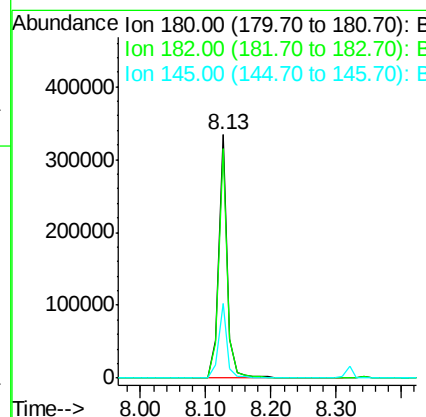
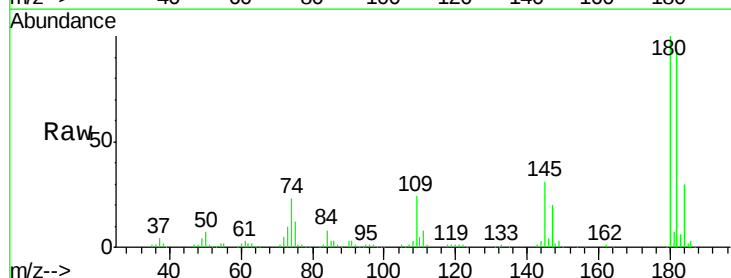
Manual Integrations
 APPROVED

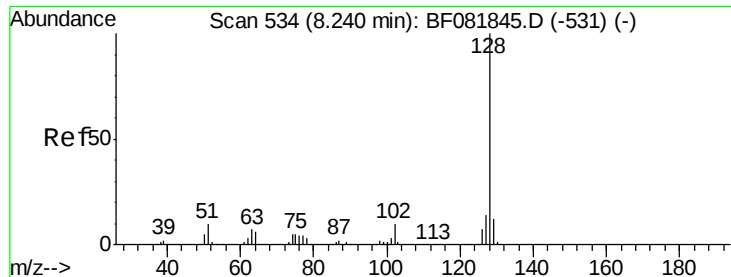
apatel
 10/2/2015 9:02:51 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.12 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	317501		
182	94.3	77.1	115.7	
145	30.6	23.3	34.9	





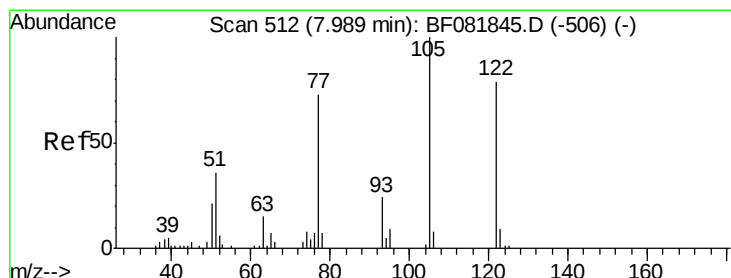
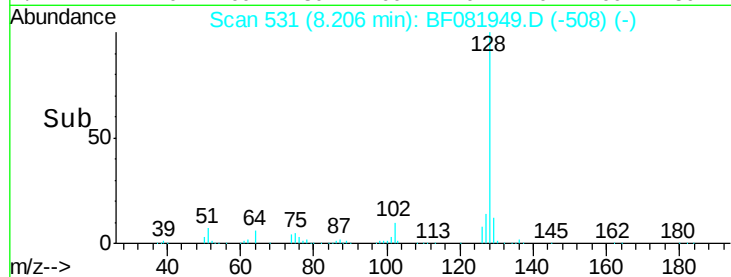
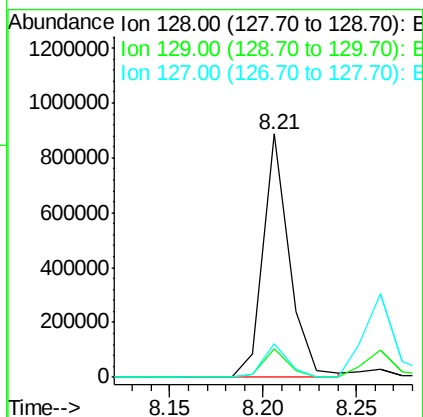
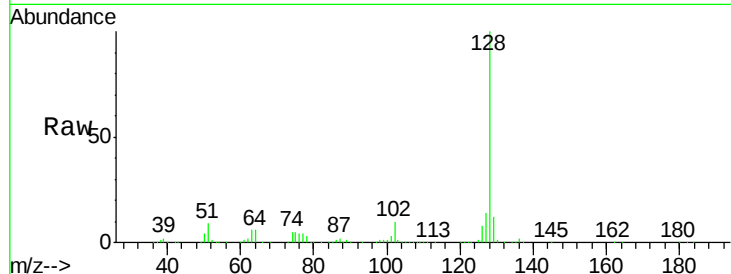
#31
Naphthalene
Concen: 35.63 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.7	8.4	12.6
127	13.6	9.9	14.9

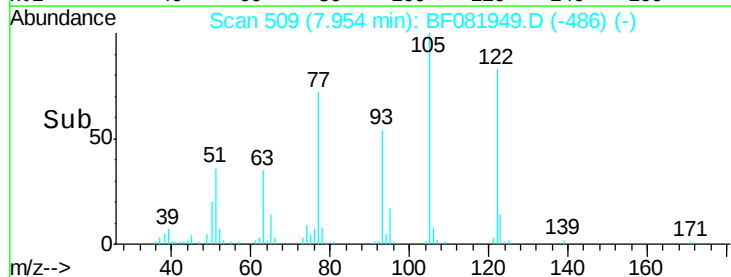
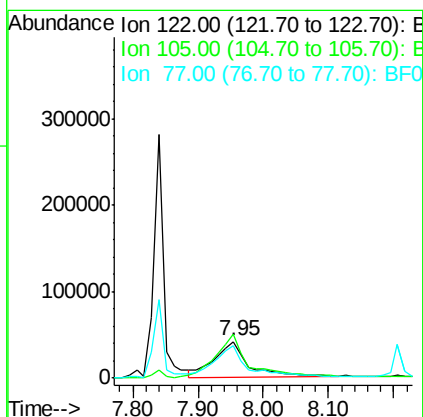
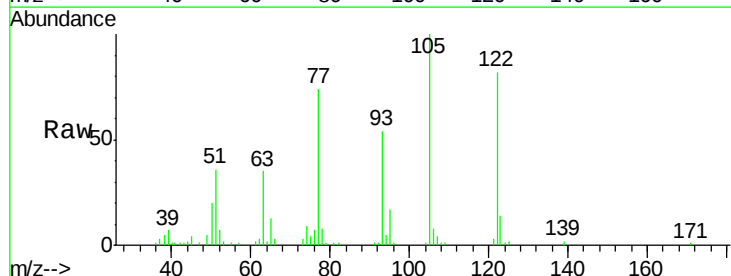
Manual Integrations
APPROVED

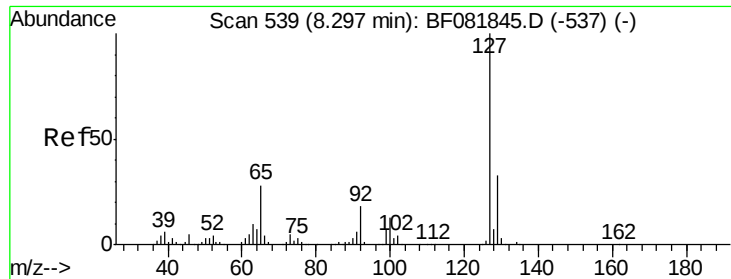
apatel
10/2/2015 9:02:51 AM



#32
Benzoic acid
Concen: 35.26 ng
RT: 7.95 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.7	76.1	116.1#
77	90.1	40.5	80.5#





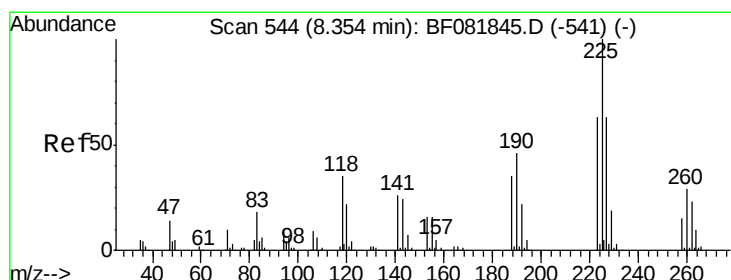
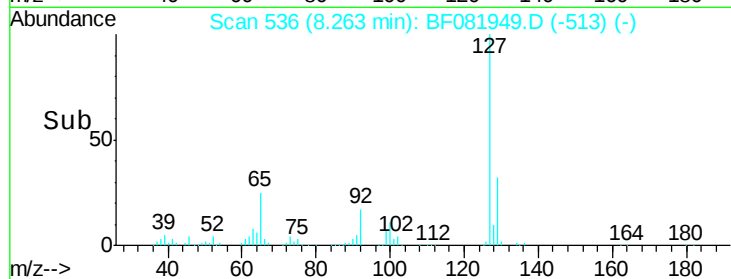
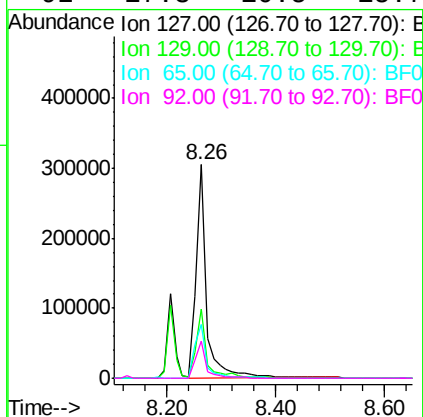
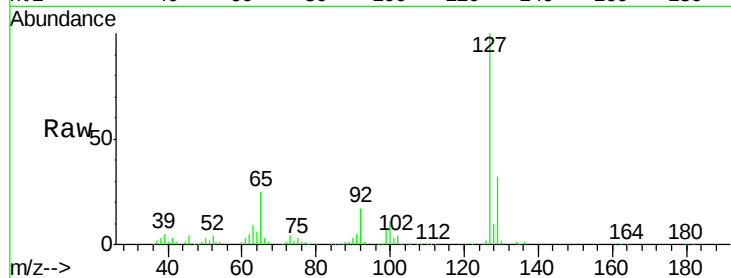
#33
4-Chloroaniline
Concen: 38.11 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	25.8	38.6
65	25.1	17.9	26.9
92	17.3	10.5	15.7

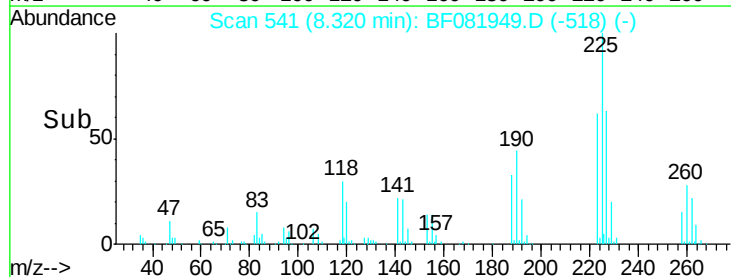
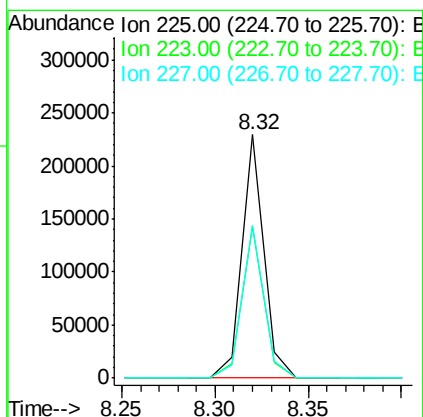
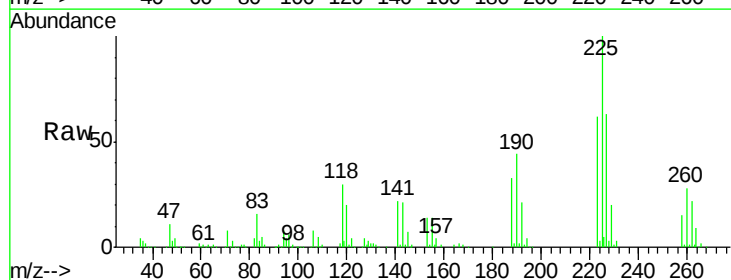
Manual Integrations
APPROVED

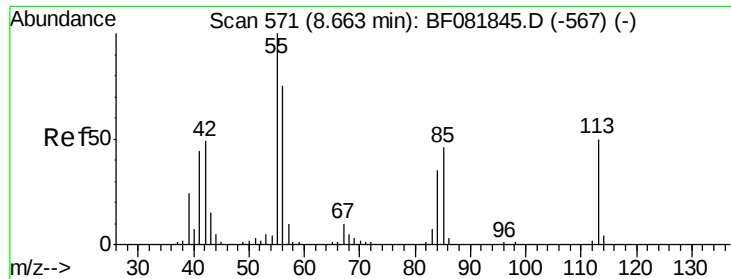
apatel
10/2/2015 9:02:51 AM



#34
Hexachlorobutadiene
Concen: 39.33 ng
RT: 8.32 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.1	50.2	75.2
227	62.6	52.2	78.2





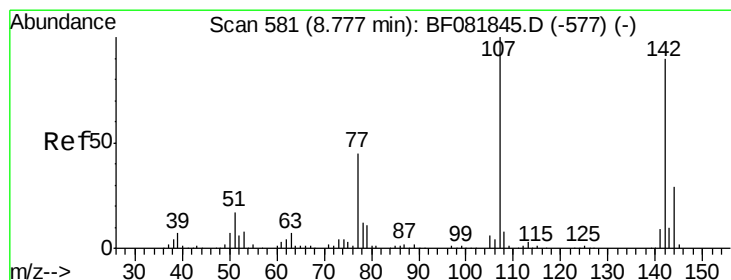
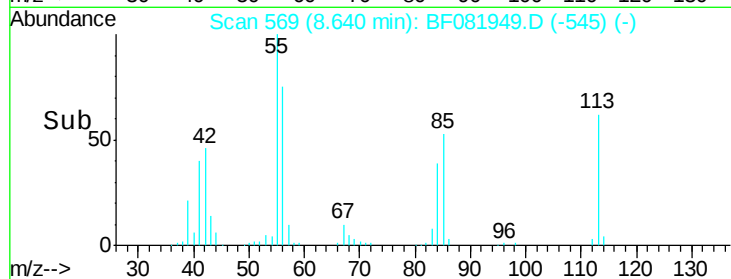
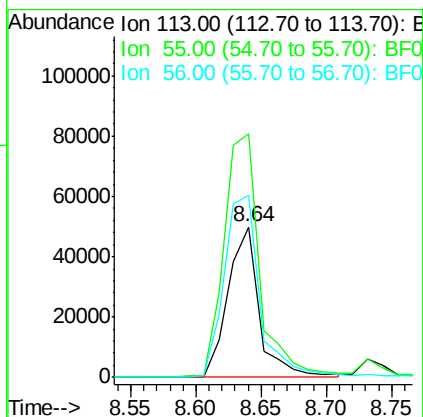
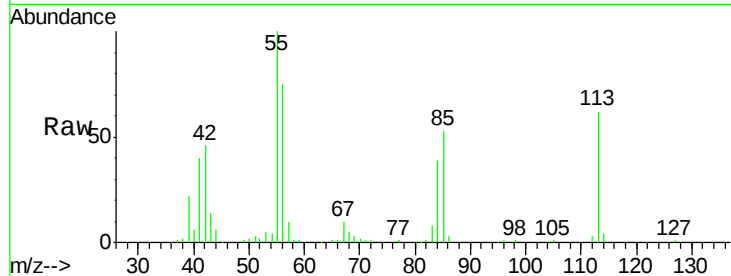
#35
 Caprolactam
 Concen: 41.43 ng
 RT: 8.64 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	161.8	152.4	192.4
56	121.2	104.6	144.6

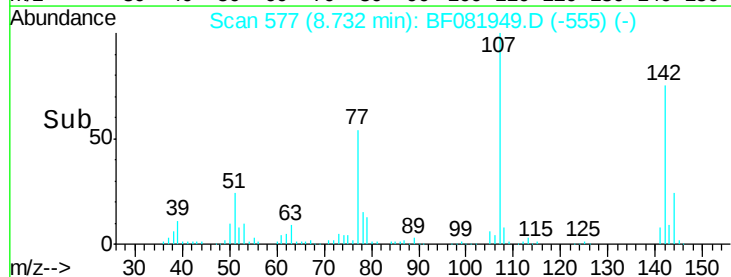
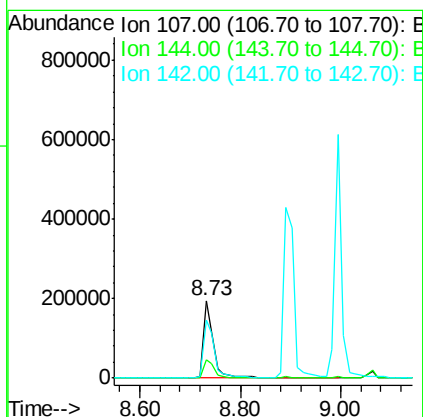
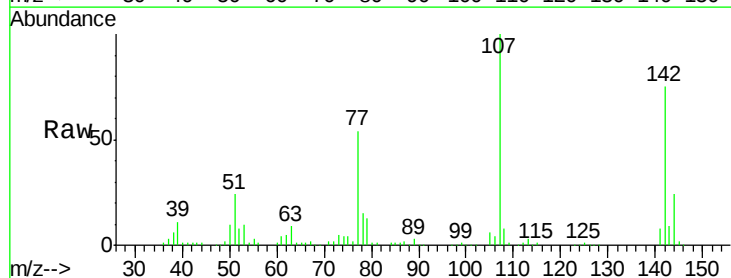
Manual Integrations
 APPROVED

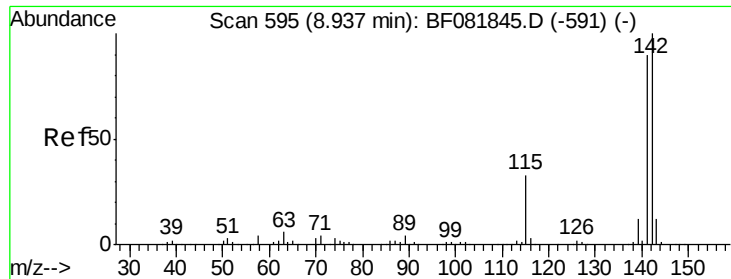
apatel
 10/2/2015 9:02:51 AM



#36
 4-Chloro-3-methylphenol
 Concen: 38.12 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	25.4	38.0#
142	75.2	77.3	115.9#





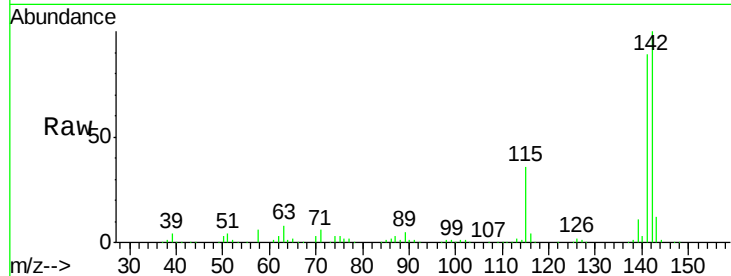
#37
2-Methylnaphthalene
Concen: 36.69 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

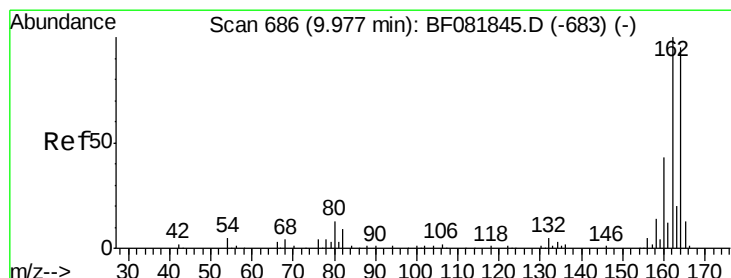
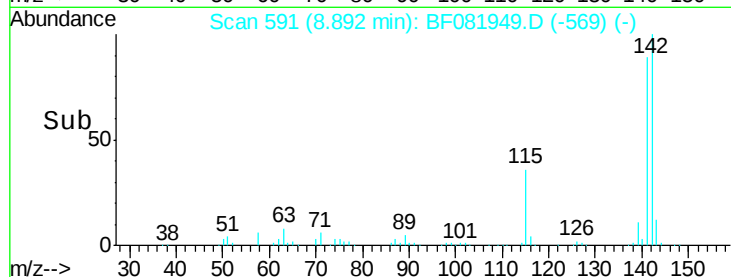
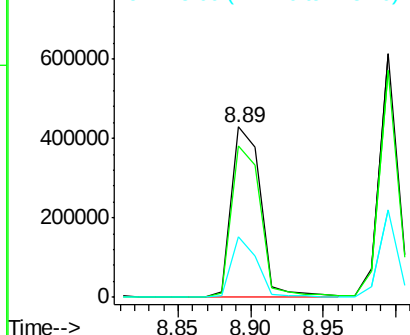
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.5	101.3
115	35.7	18.2	27.2

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



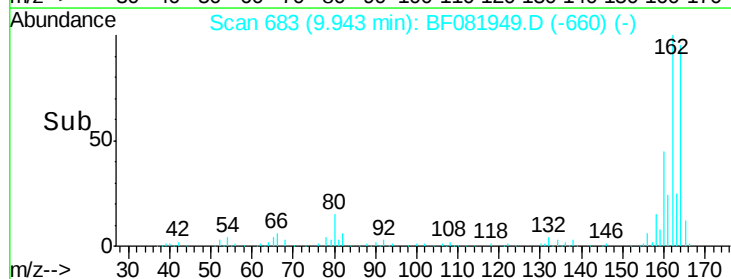
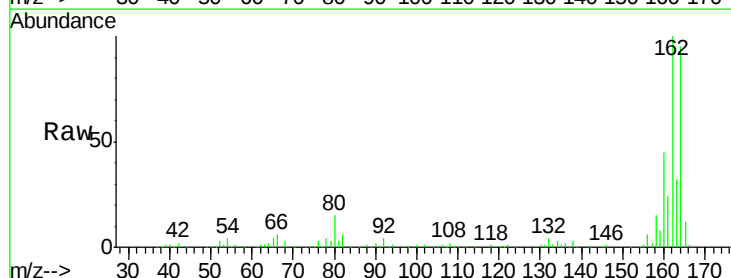
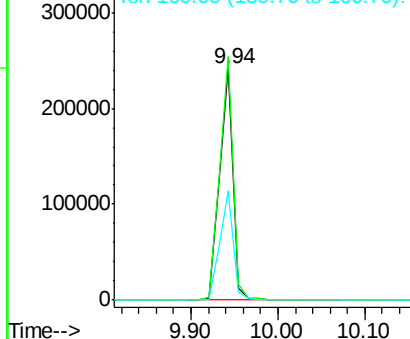
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

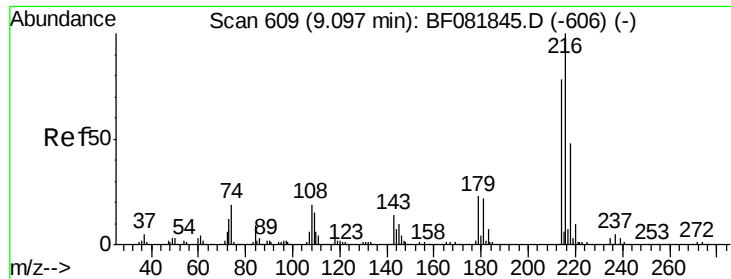


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	47.1	31.5	47.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.62 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

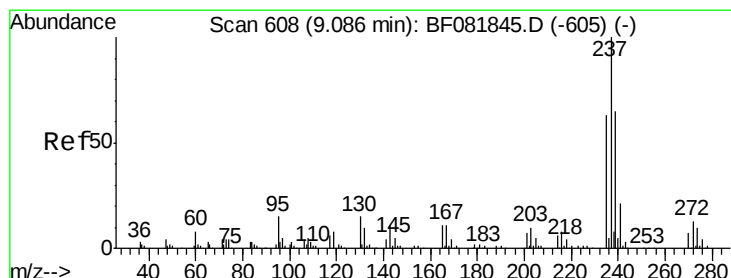
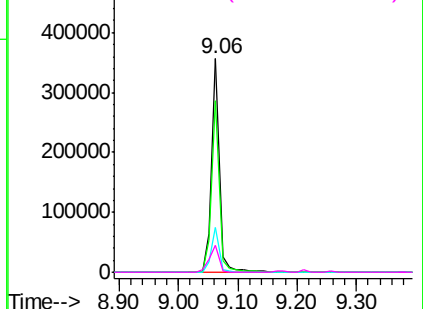
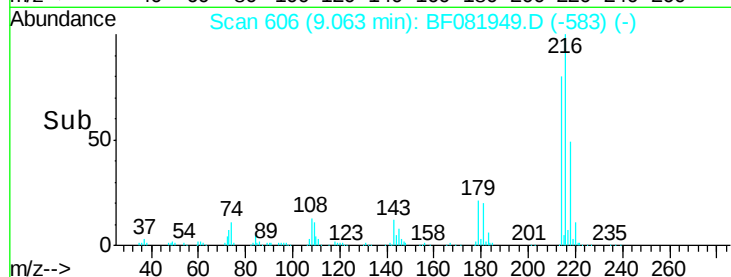
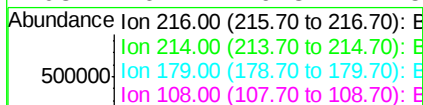
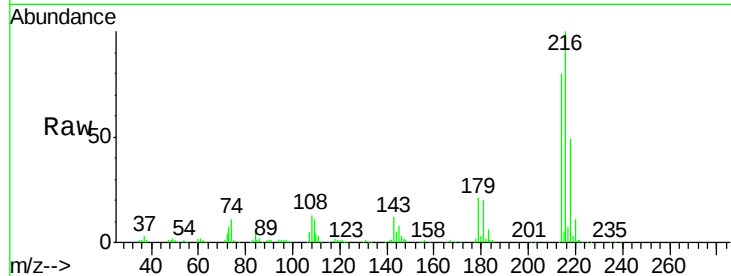
SSTDCCC040EC

Manual Integrations
APPROVED

apatel

10/2/2015 9:02:51 AM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	325905		
214	80.2	63.5	95.3	
179	21.3	16.6	24.8	
108	16.4	16.3	24.5	



#40

Hexachlorocyclopentadiene

Concen: 38.71 ng

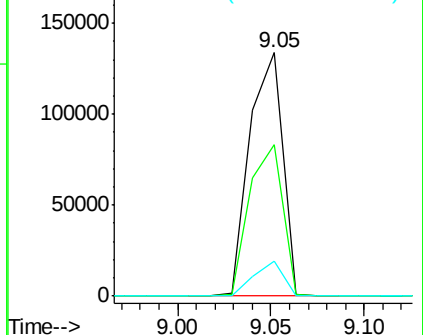
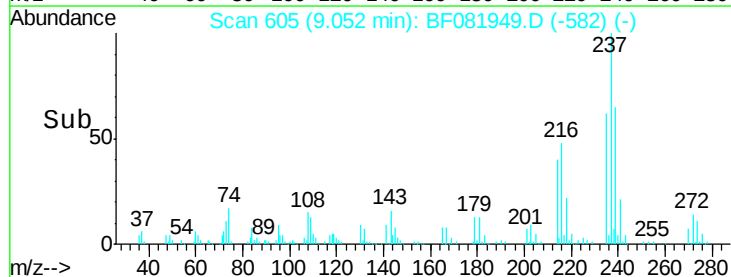
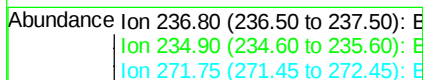
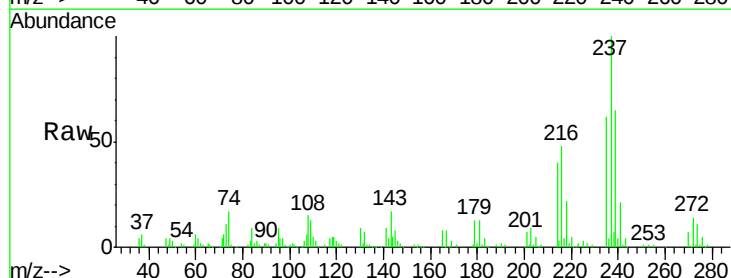
RT: 9.05 min Scan# 605

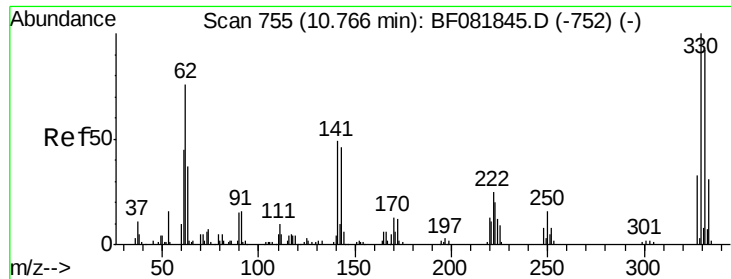
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	163969		
235	62.0	42.0	82.0	
272	14.4	0.0	36.1	





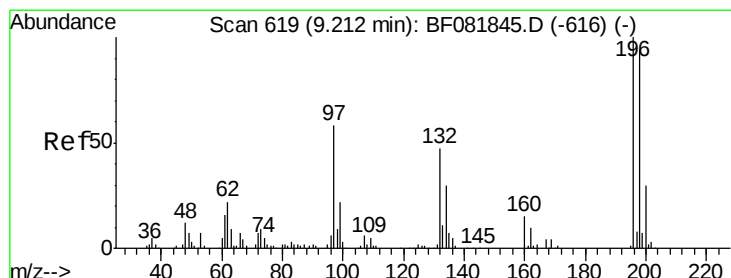
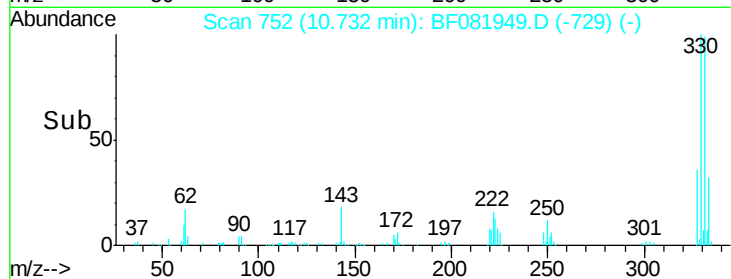
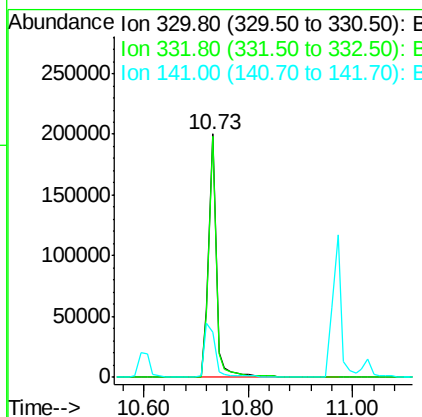
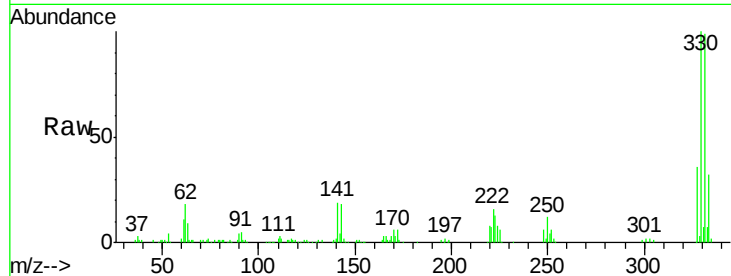
#41
 2,4,6-Tribromophenol
 Concen: 77.59 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	210547		
332	97.7	76.6	114.8	
141	30.6	29.7	44.5	

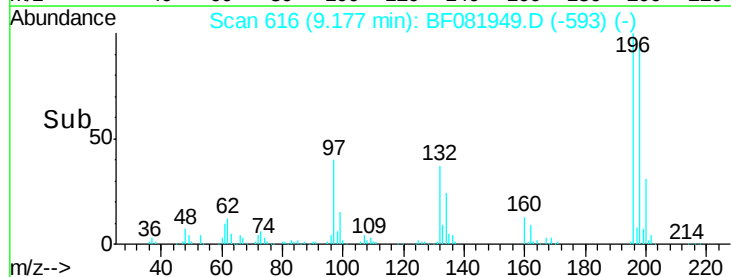
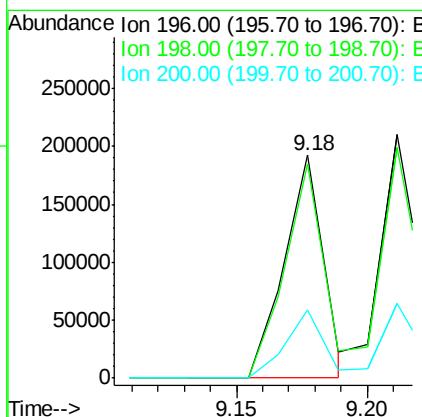
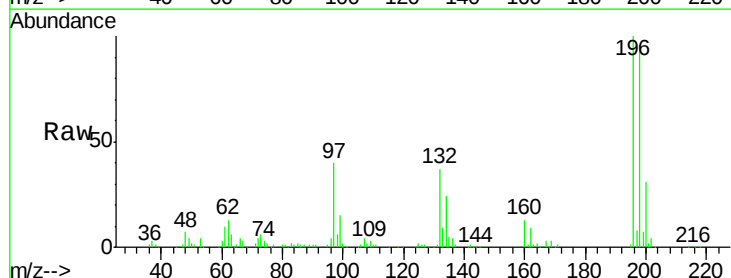
Manual Integrations
 APPROVED

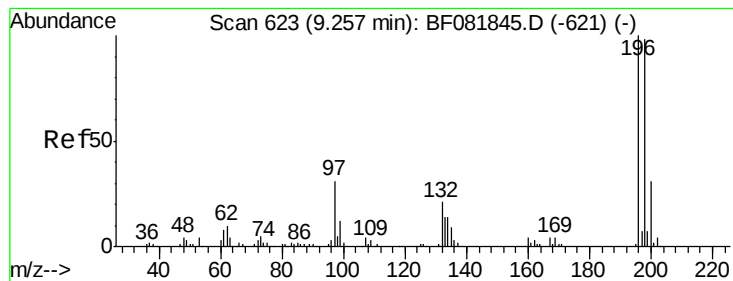
apatel
 10/2/2015 9:02:51 AM



#42
 2,4,6-Trichlorophenol
 Concen: 35.40 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

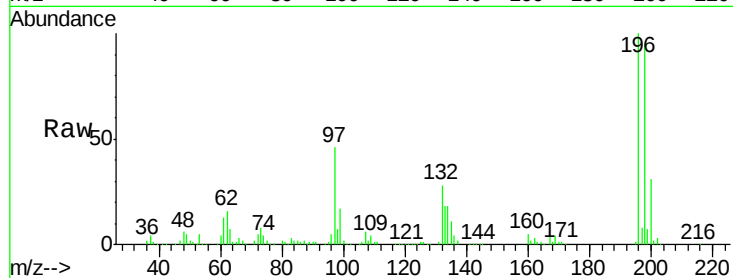
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199636		
198	95.9	75.7	113.5	
200	30.7	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 42.33 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

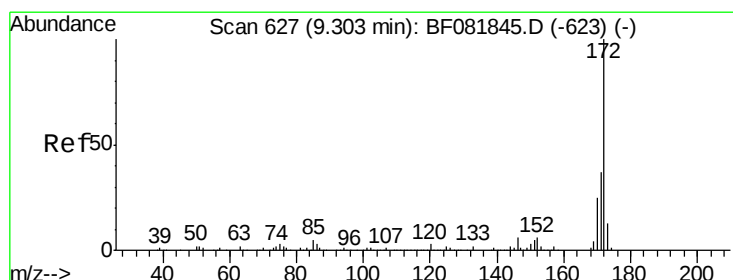
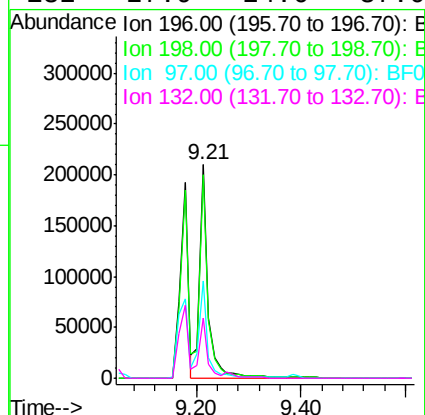
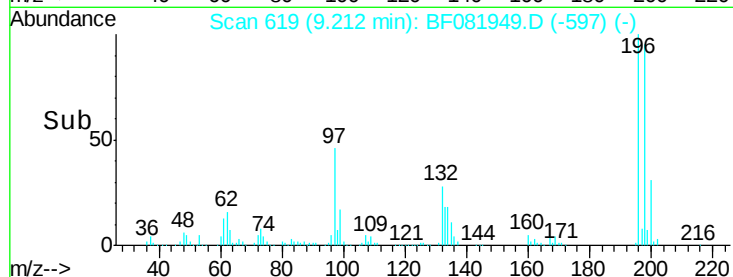
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:	196	Resp:	245486
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.4	113.0
97	45.8	33.3	49.9
132	27.9	24.6	37.0

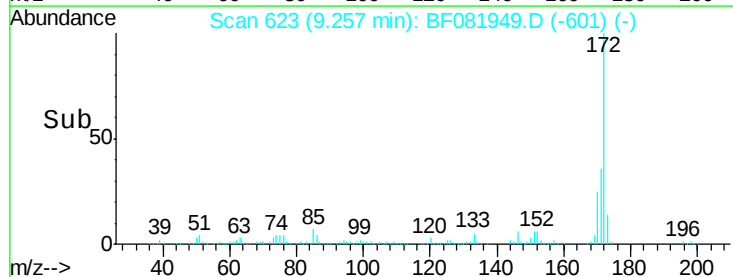
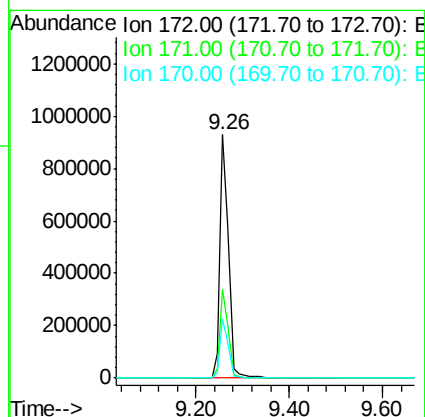
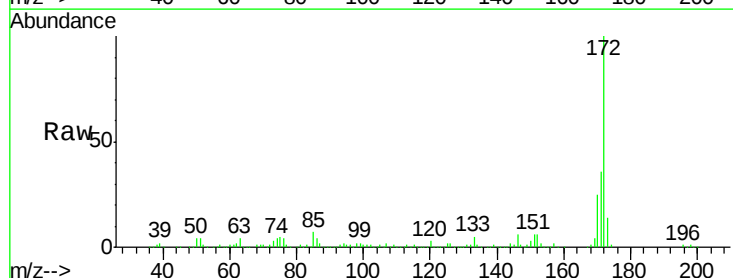
Manual Integrations
 APPROVED

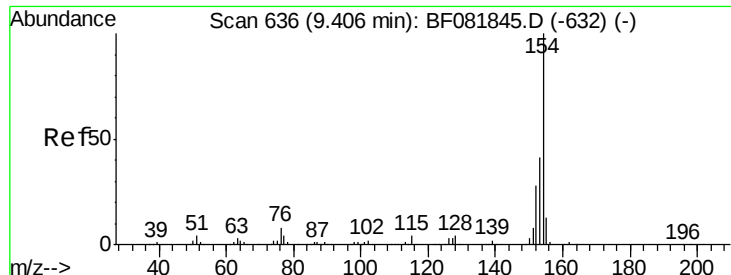
apatel
 10/2/2015 9:02:51 AM



#44
 2-Fluorobiphenyl
 Concen: 70.72 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion:	172	Resp:	1170073
Ion Ratio	Lower	Upper	
172	100		
171	36.3	26.1	39.1
170	24.6	17.4	26.2





#45

1,1'-Biphenyl

Concen: 35.86 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

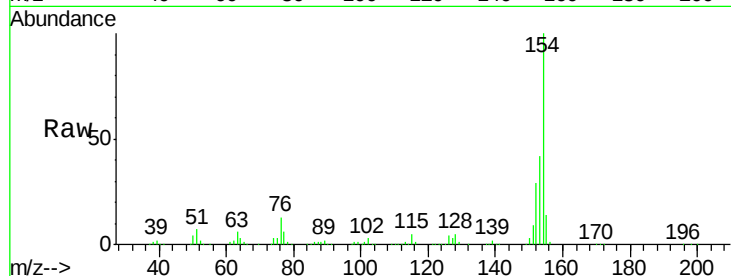
ClientSampleId :

SSTDCCC040EC

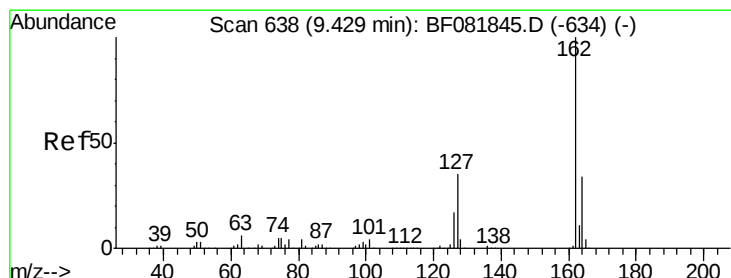
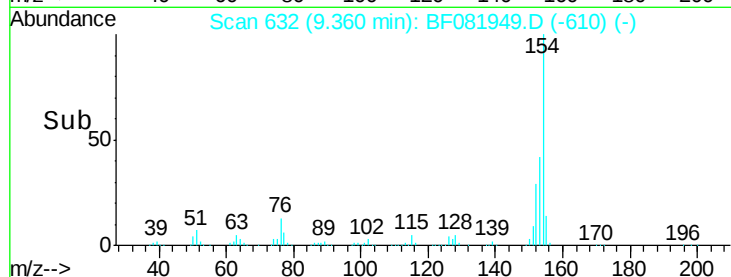
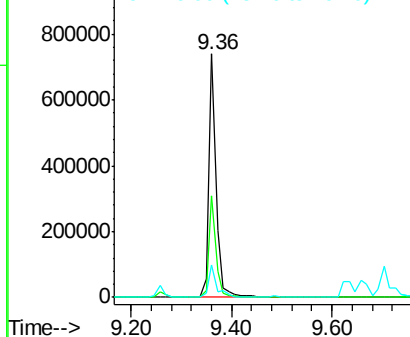
Tgt Ion:	154	Resp:	741320
Ion Ratio	Lower	Upper	
154	100		
153	41.6	17.1	57.1
76	13.2	0.0	31.6

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.31 ng

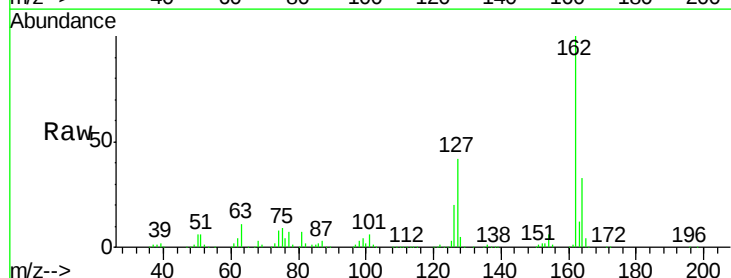
RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

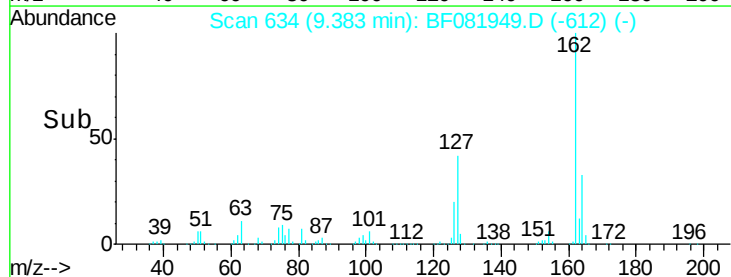
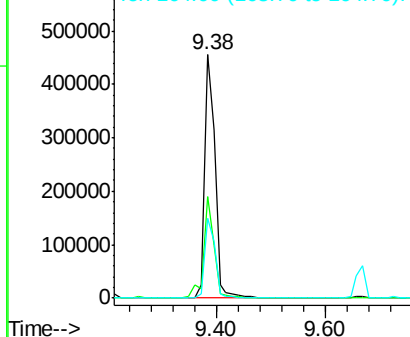
Lab File: BF081949.D

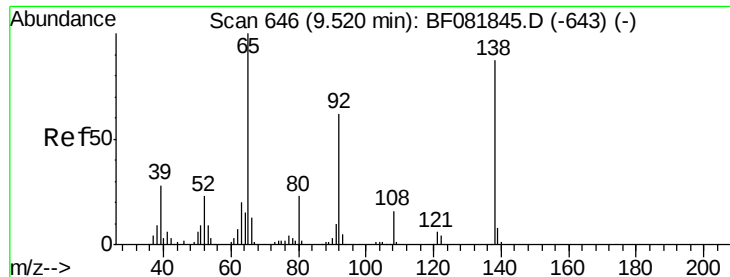
Acq: 1 Oct 2015 20:11

Tgt Ion:	162	Resp:	589417
Ion Ratio	Lower	Upper	
162	100		
127	42.0	27.6	41.4#
164	32.6	25.4	38.2



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





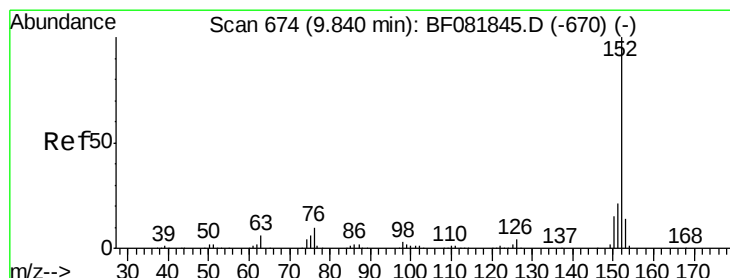
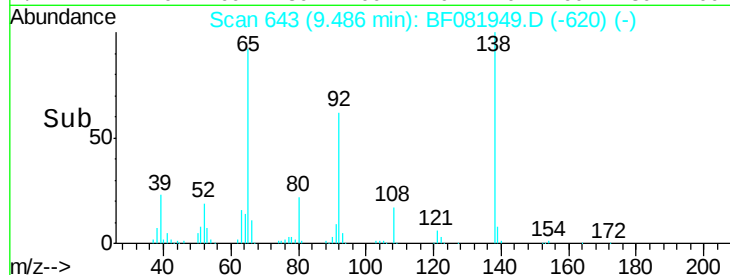
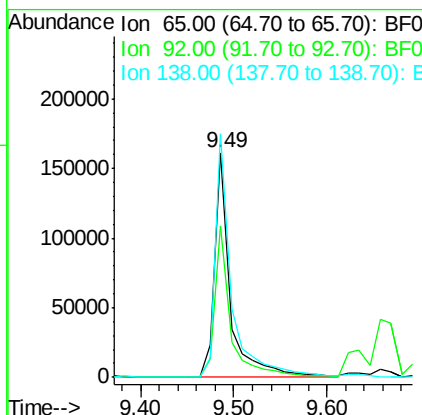
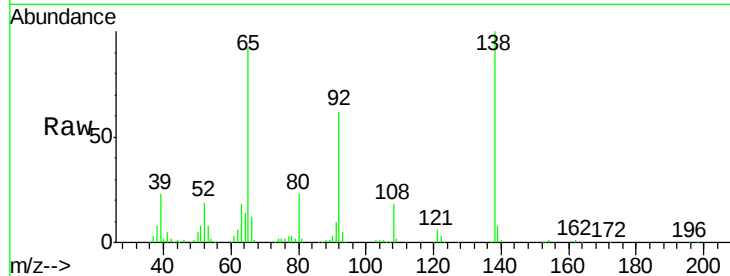
#47
2-Nitroaniline
Concen: 39.65 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	108.4	115.5	173.3#

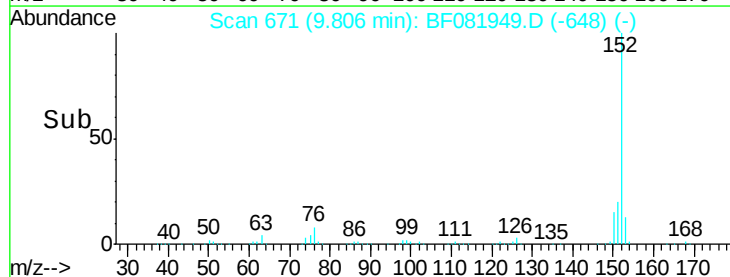
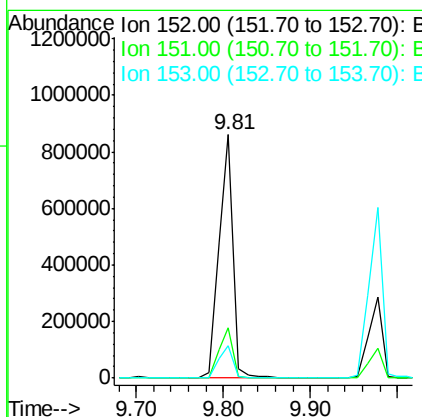
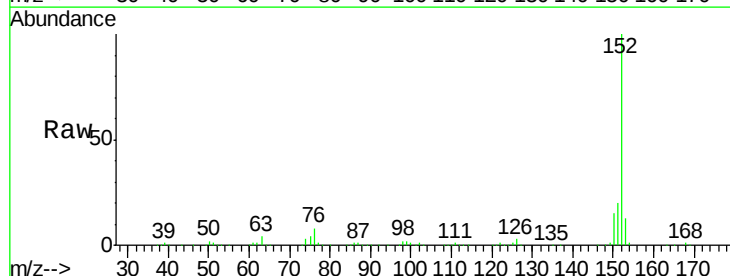
Manual Integrations
APPROVED

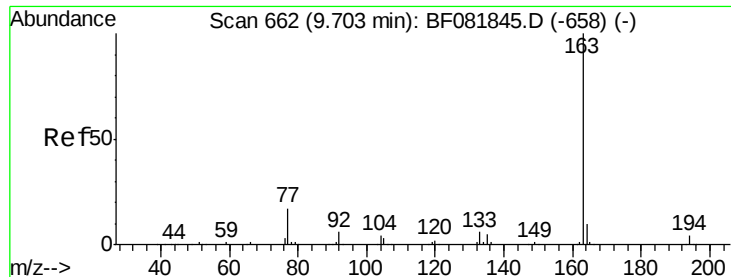
apatel
10/2/2015 9:02:51 AM



#48
Acenaphthylene
Concen: 37.82 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	13.5	10.3	15.5





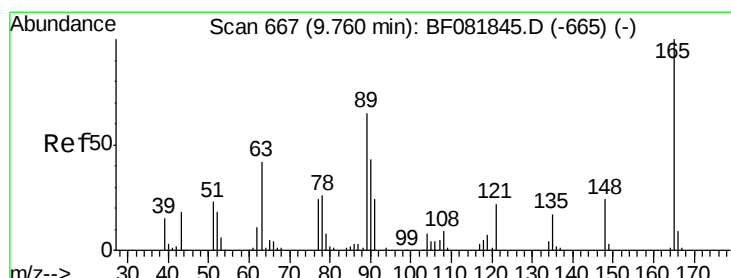
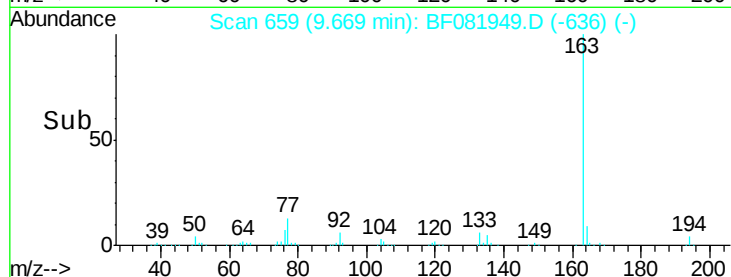
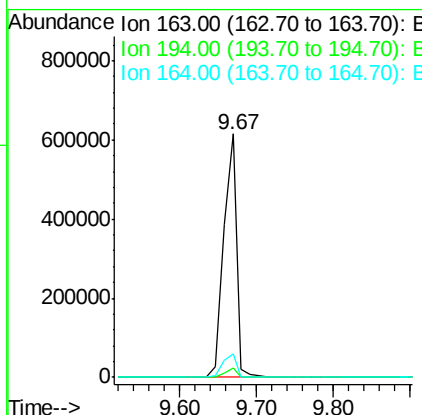
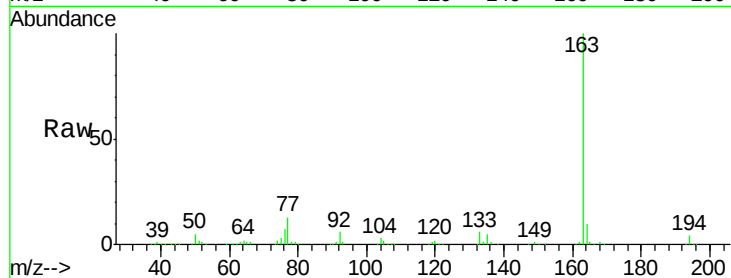
#49
Dimethylphthalate
Concen: 39.68 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	4.4	6.6#
164	9.9	8.3	12.5

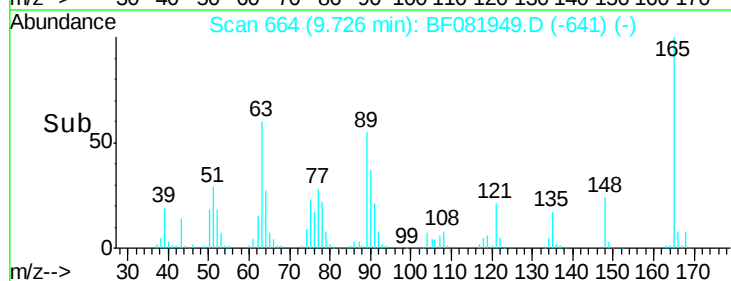
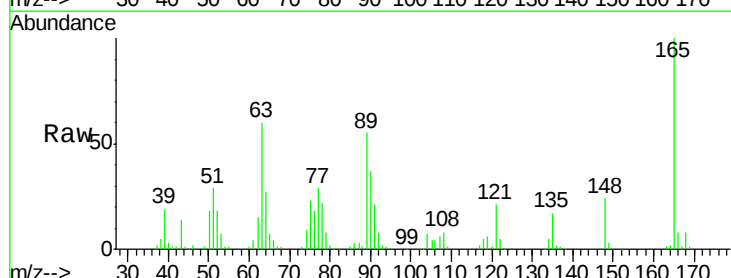
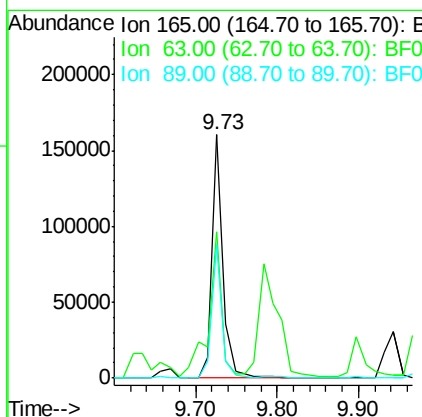
Manual Integrations
APPROVED

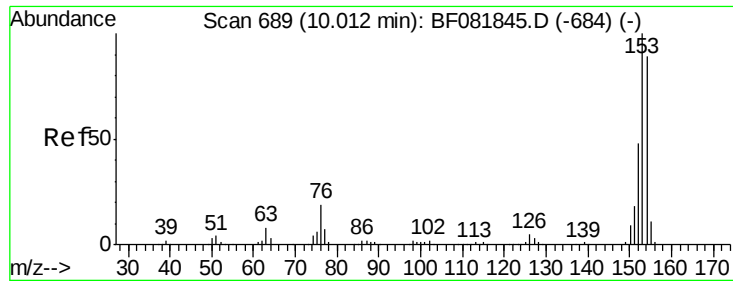
apatel
10/2/2015 9:02:51 AM



#50
2,6-Dinitrotoluene
Concen: 38.25 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.2	32.3	48.5#
89	54.8	28.6	43.0#





#51

Acenaphthene

Concen: 39.37 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

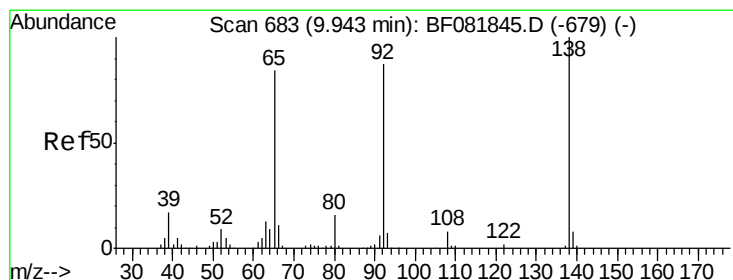
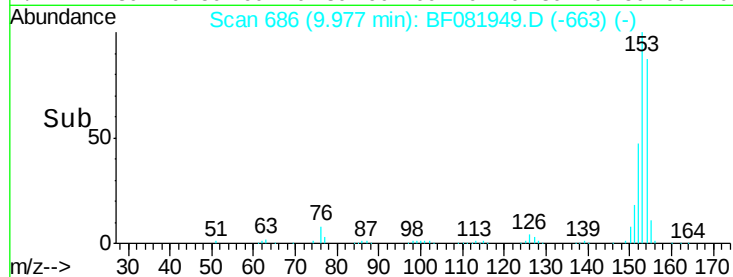
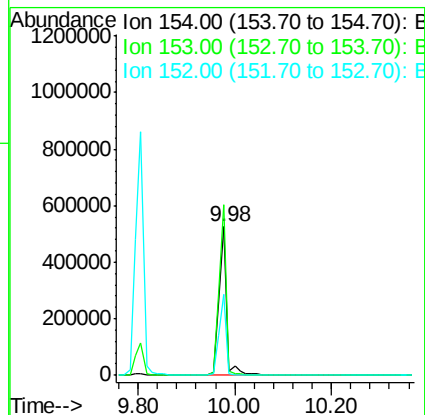
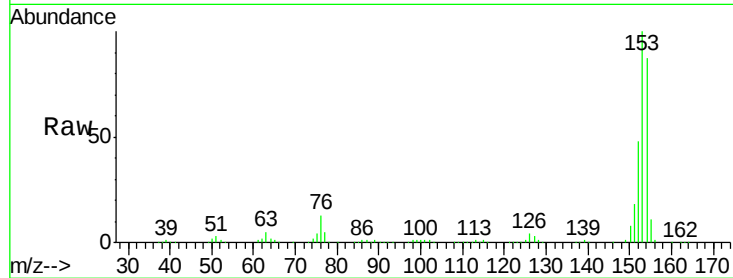
SSTDCCC040EC

Manual Integrations
APPROVED

apatel

10/2/2015 9:02:51 AM

Tgt Ion:	154	Resp:	607385
Ion Ratio	Lower	Upper	
154	100		
153	114.5	82.1	123.1
152	54.7	37.9	56.9



#52

3-Nitroaniline

Concen: 39.92 ng

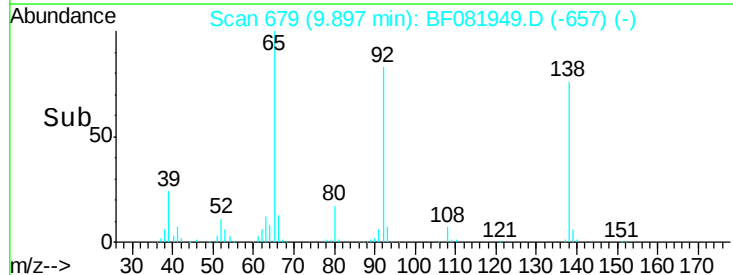
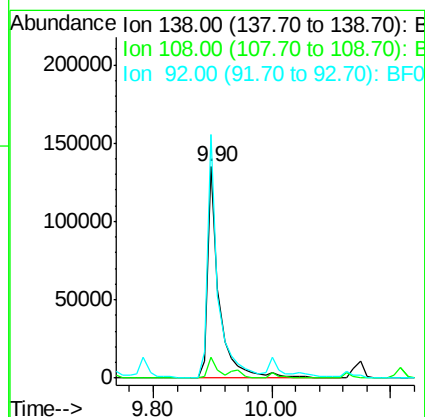
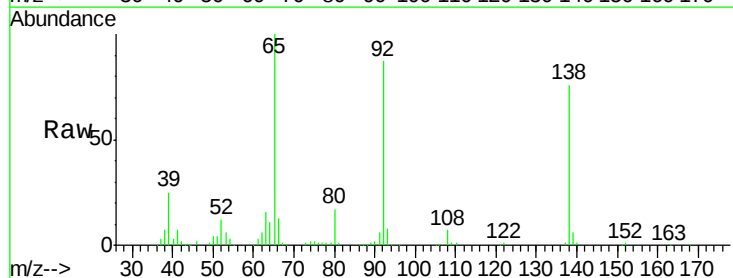
RT: 9.90 min Scan# 679

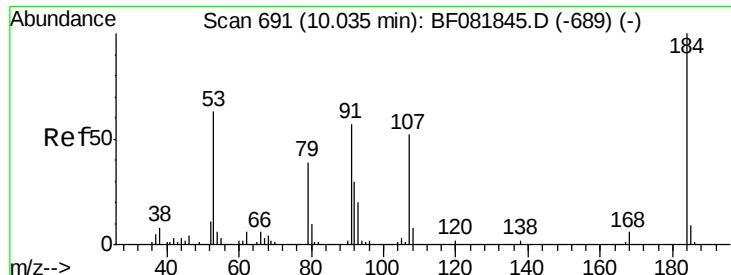
Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	138	Resp:	185449
Ion Ratio	Lower	Upper	
138	100		
108	9.8	5.7	8.5#
92	115.3	67.7	101.5#





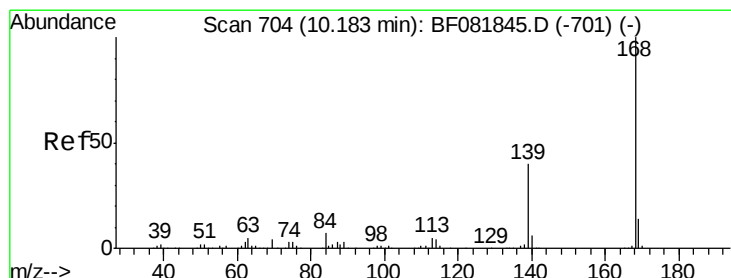
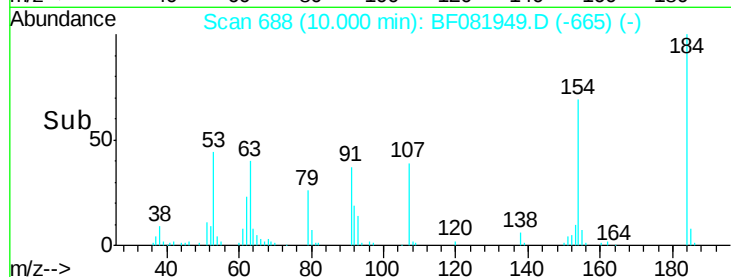
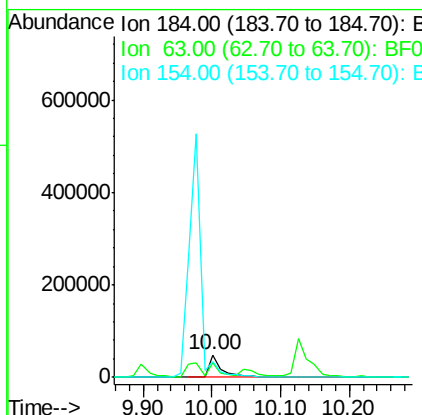
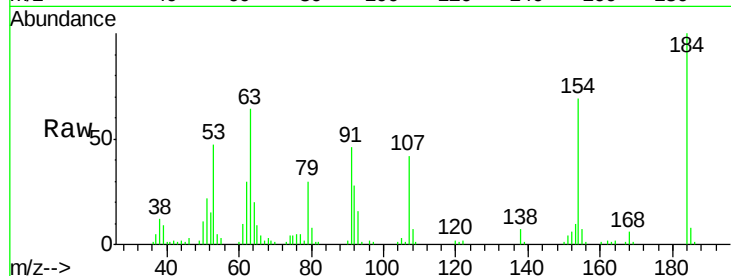
#53
2,4-Dinitrophenol
Concen: 46.99 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 65718
Ion Ratio Lower Upper
184 100
63 63.8 35.4 53.2#
154 69.4 32.2 48.4#

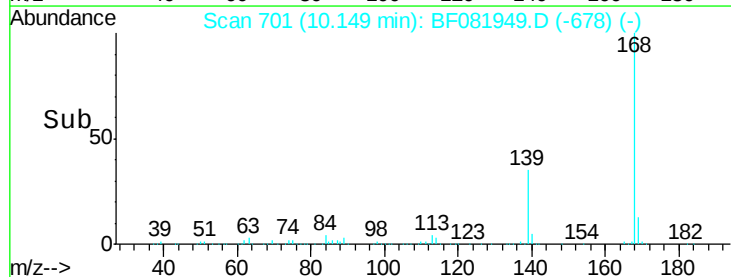
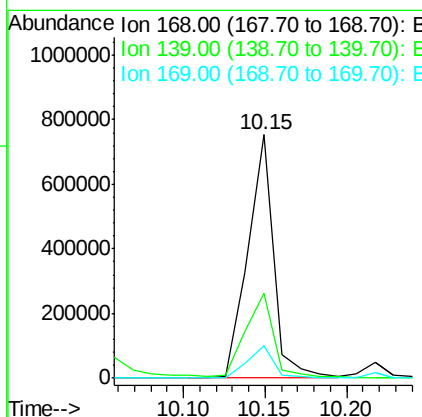
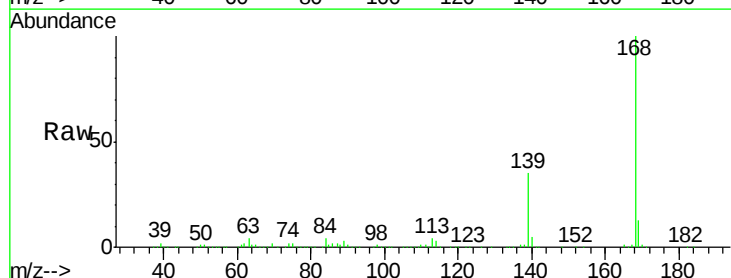
Manual Integrations
APPROVED

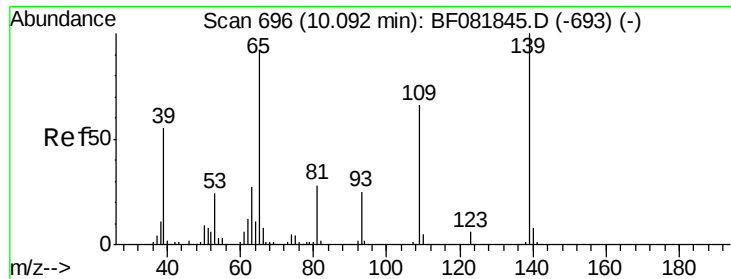
apatel
10/2/2015 9:02:51 AM



#54
Dibenzofuran
Concen: 37.94 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion:168 Resp: 827209
Ion Ratio Lower Upper
168 100
139 34.7 24.2 36.2
169 13.5 10.6 15.8





#55

4-Nitrophenol

Concen: 34.66 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

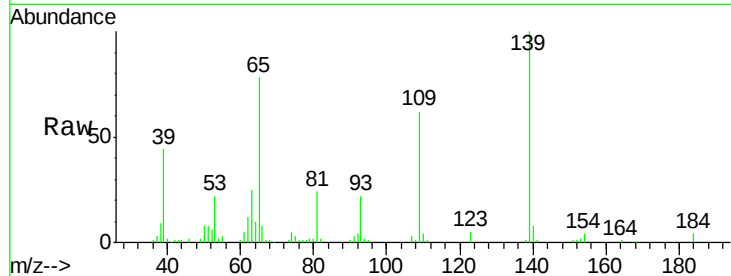
ClientSampleId :

SSTDCCC040EC

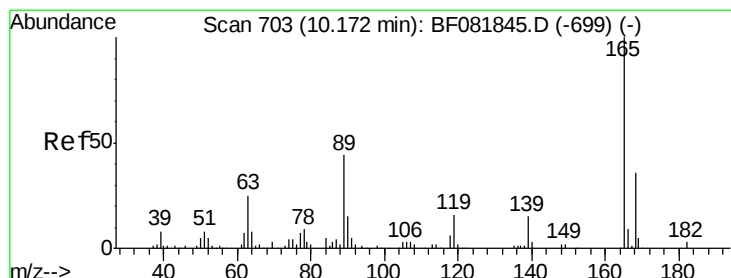
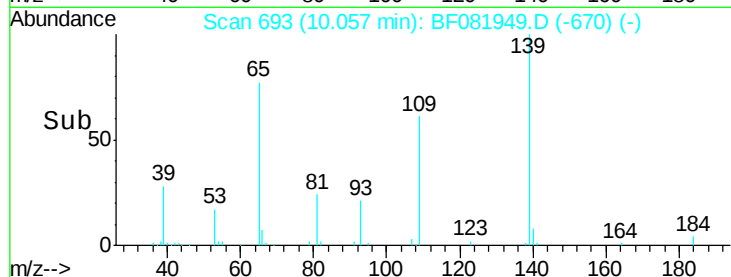
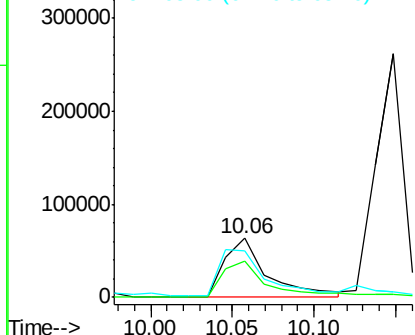
Tgt Ion:	139	Resp:	116349
Ion Ratio	Lower	Upper	
139	100		
109	62.2	12.7	52.7#
65	78.3	45.9	85.9

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



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



#56

2,4-Dinitrotoluene

Concen: 36.95 ng

RT: 10.13 min Scan# 699

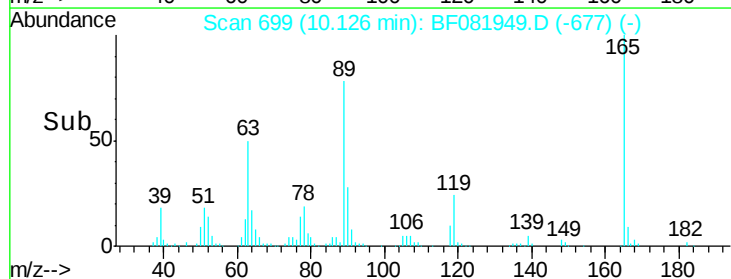
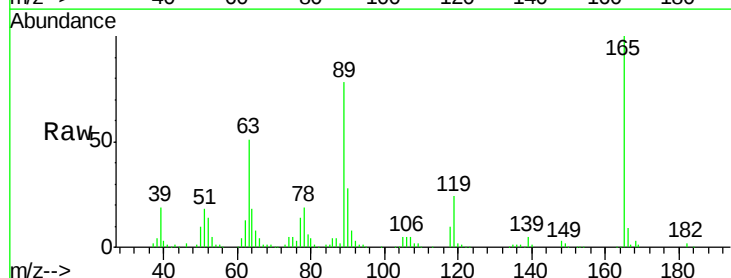
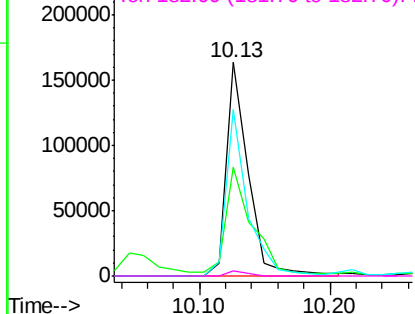
Delta R.T. -0.05 min

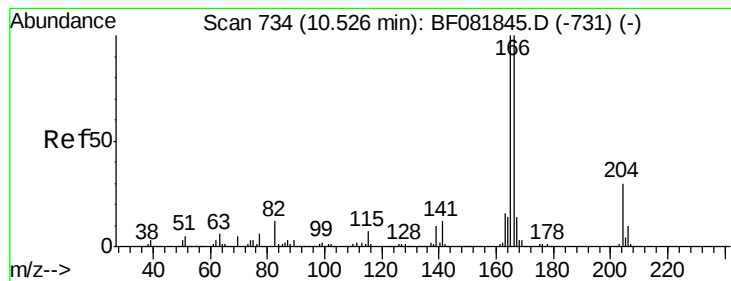
Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	165	Resp:	189132
Ion Ratio	Lower	Upper	
165	100		
63	50.8	29.8	44.6#
89	78.0	44.5	66.7#
182	2.2	3.0	4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.24 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

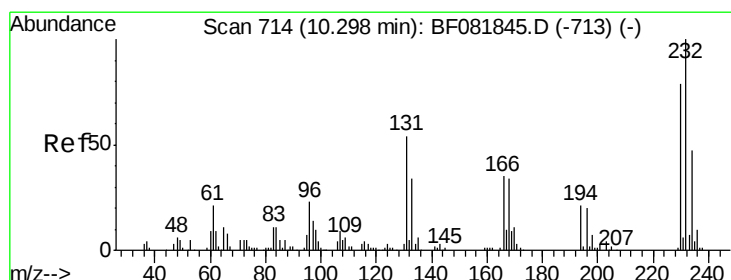
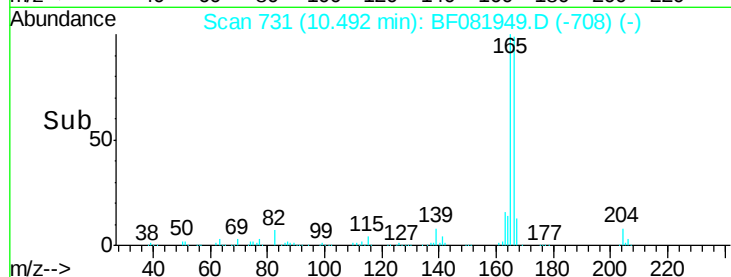
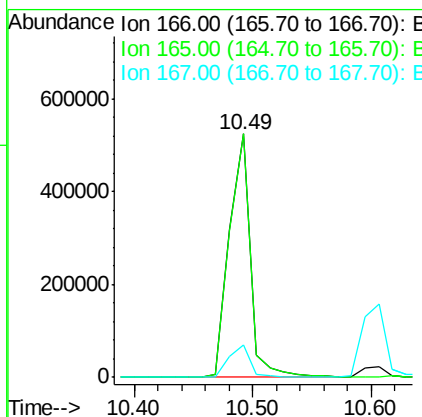
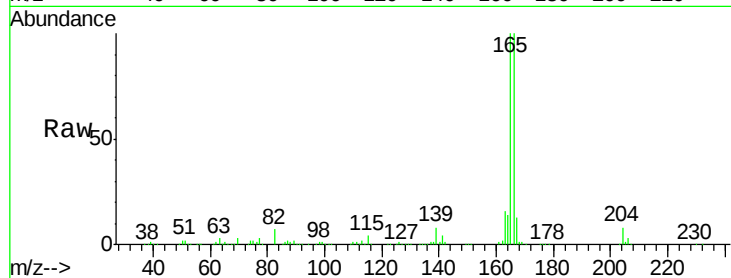
SSTDCCC040EC

Manual Integrations
APPROVED

apatel

10/2/2015 9:02:51 AM

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	72.6	109.0	
167	13.1	10.6	16.0	



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.54 ng m

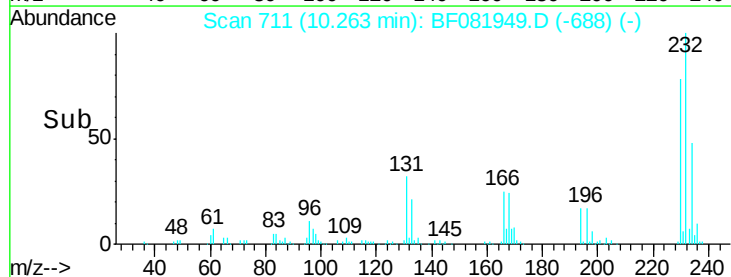
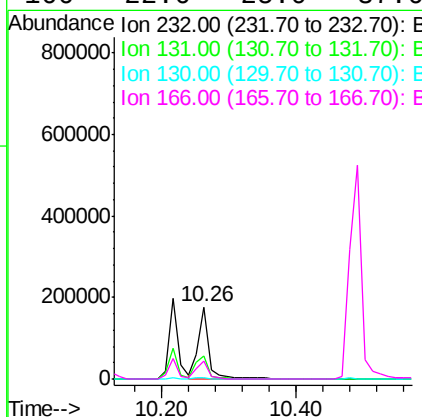
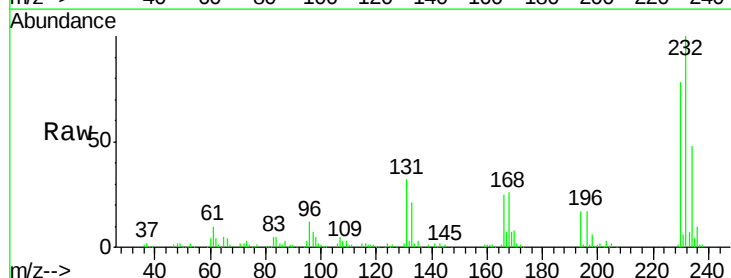
RT: 10.26 min Scan# 711

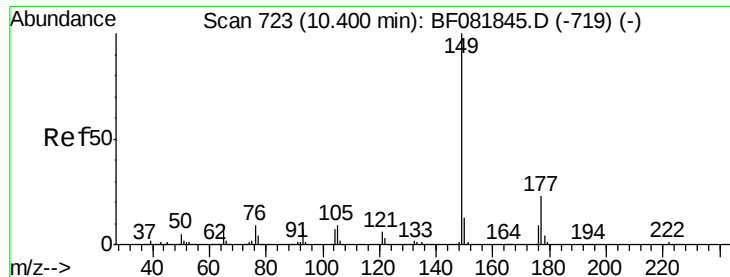
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.3	38.5	57.7#	
130	1.7	1.8	2.6#	
166	22.6	25.0	37.6#	





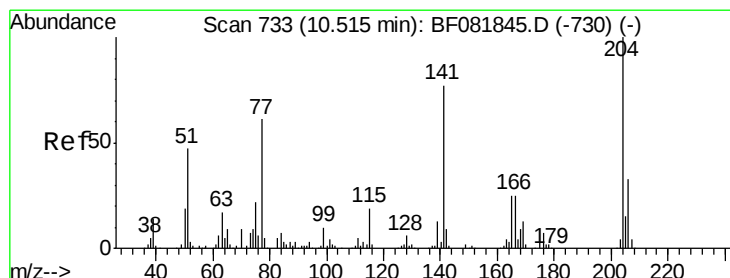
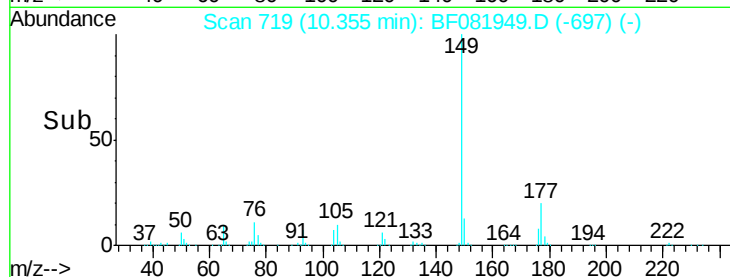
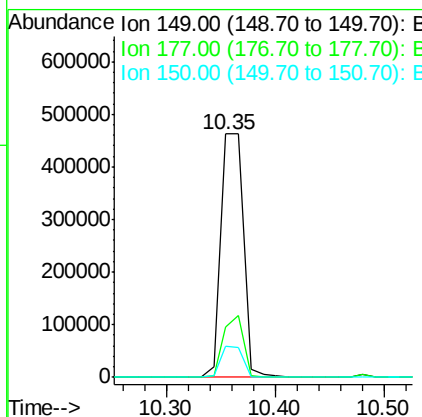
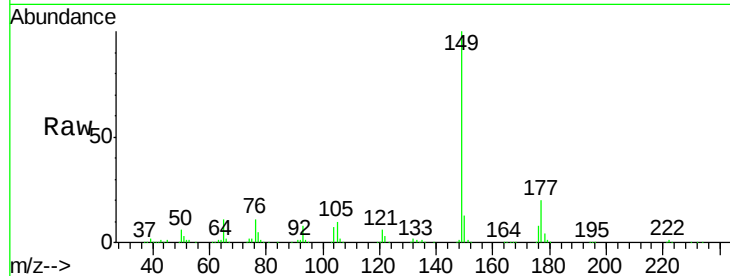
#59
Diethylphthalate
Concen: 38.66 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	667856		
177	20.5	17.5	26.3	
150	13.0	9.4	14.2	

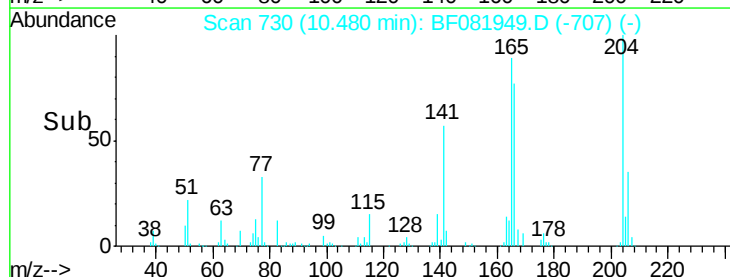
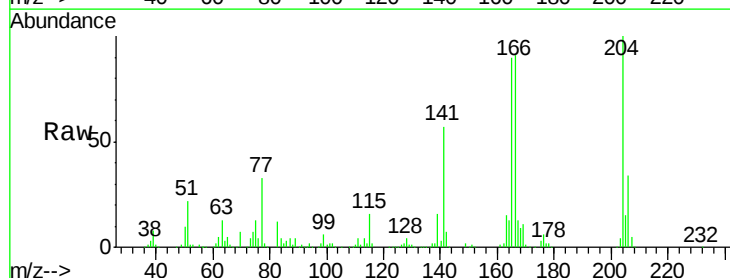
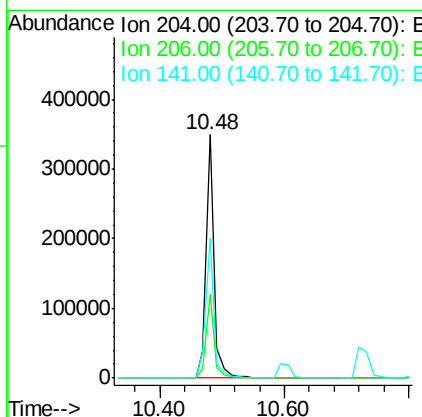
Manual Integrations
APPROVED

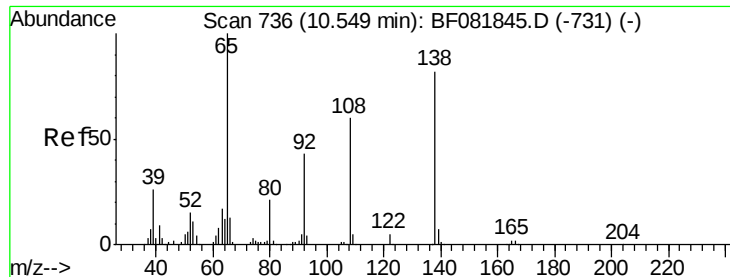
apatel
10/2/2015 9:02:51 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.73 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	317115		
206	34.5	24.8	37.2	
141	57.4	42.2	63.4	





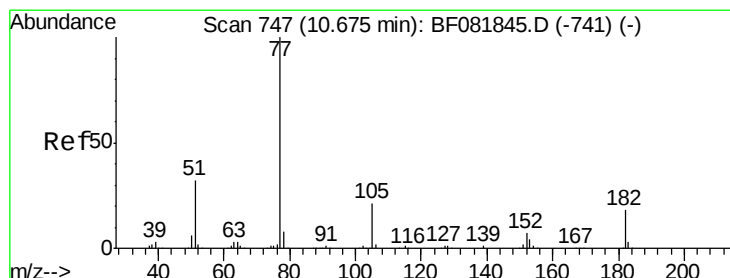
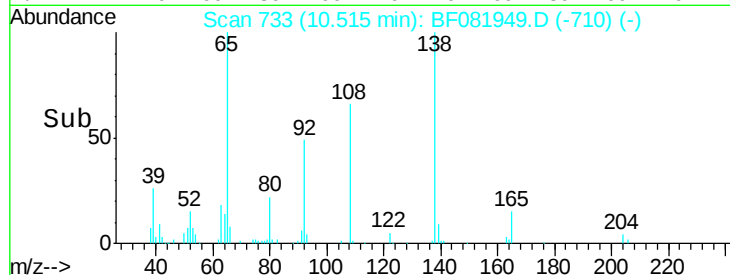
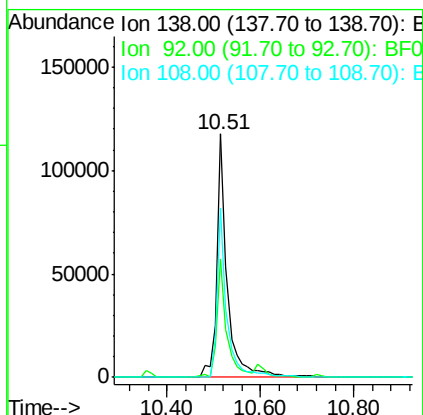
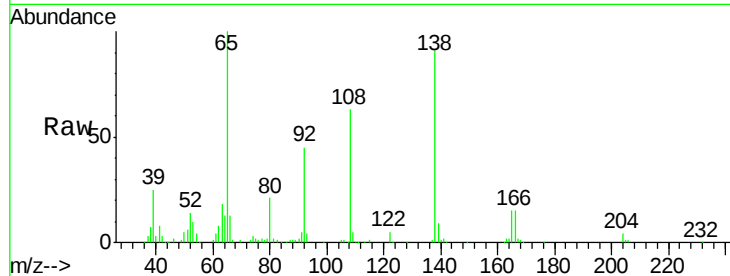
#61
4-Nitroaniline
Concen: 39.54 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	184167		
92	48.7	12.6	52.6	
108	69.4	12.4	52.4#	

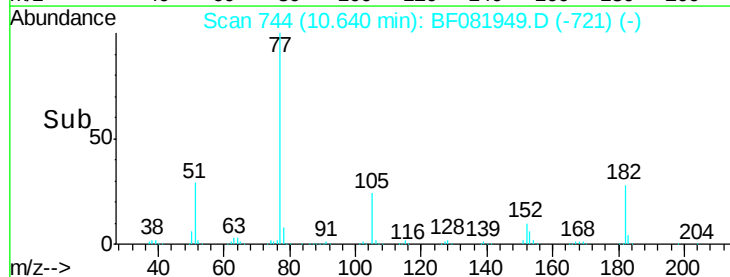
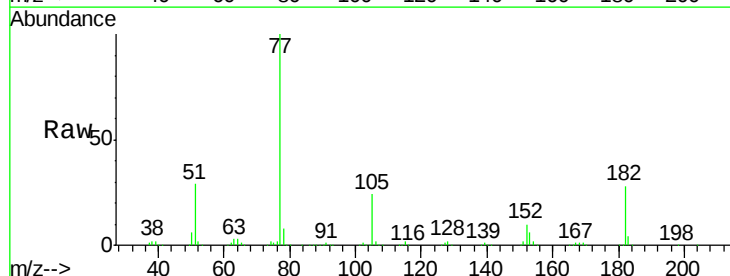
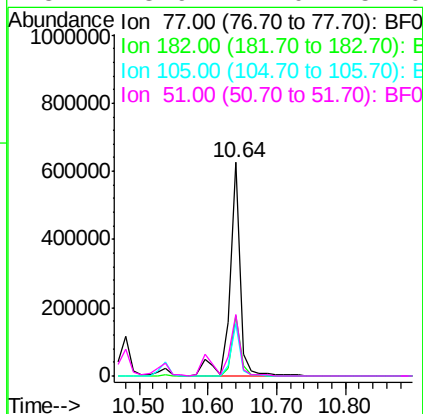
Manual Integrations
APPROVED

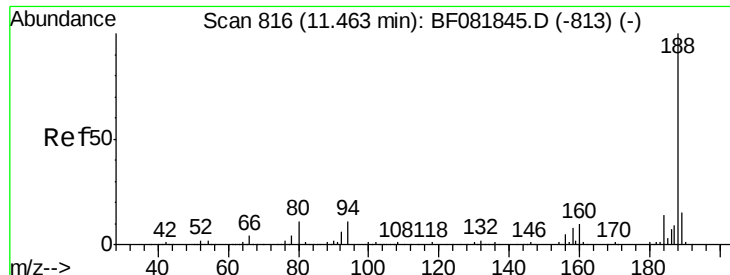
apatel
10/2/2015 9:02:51 AM



#62
Azobenzene
Concen: 39.52 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	666403		
182	28.1	15.1	55.1	
105	24.3	3.4	43.4	
51	28.9	12.0	52.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081949.D

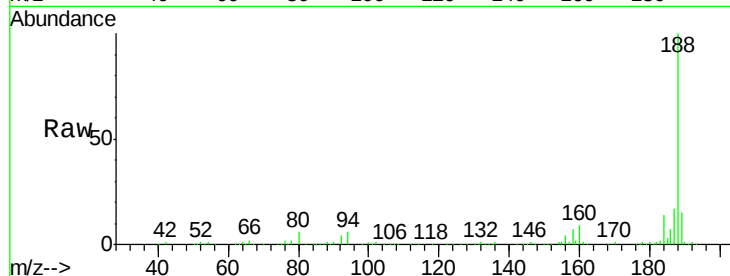
Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

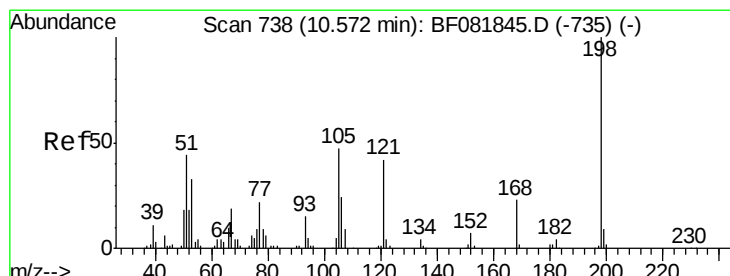
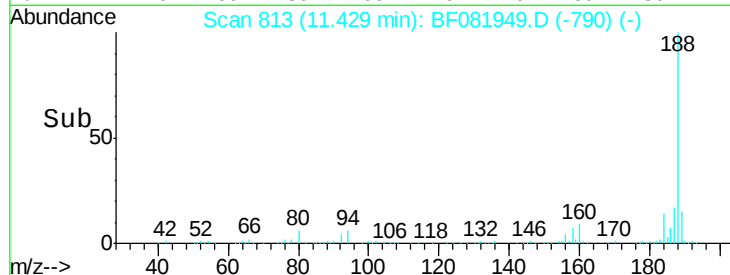
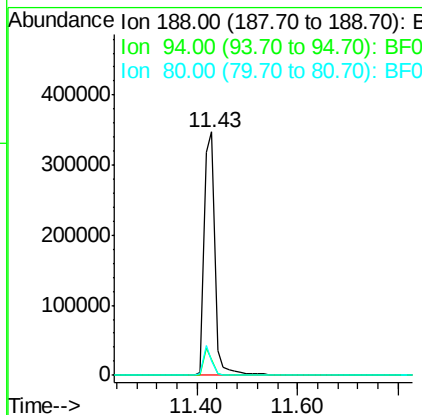
SSTDCCC040EC



Tgt Ion:	188	Resp:	514904
Ion Ratio	100	Lower	Upper
188	100		
94	6.3	11.1	16.7#
80	6.1	11.0	16.4#

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.74 ng

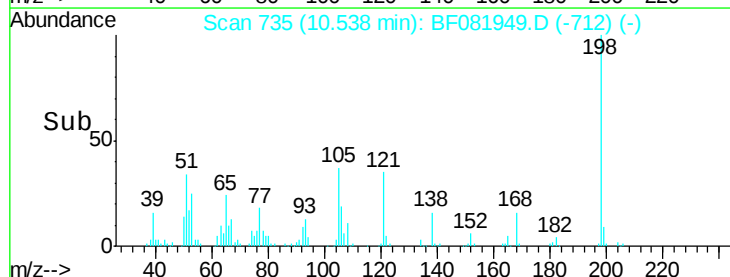
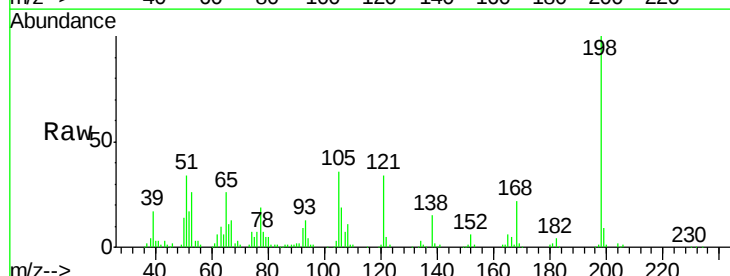
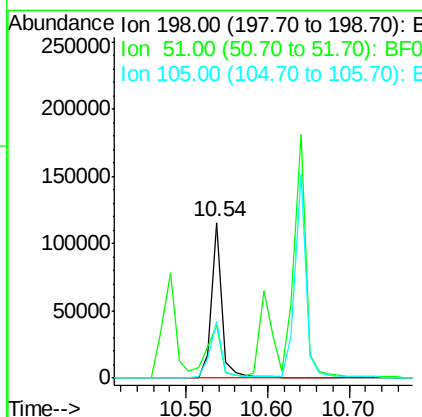
RT: 10.54 min Scan# 735

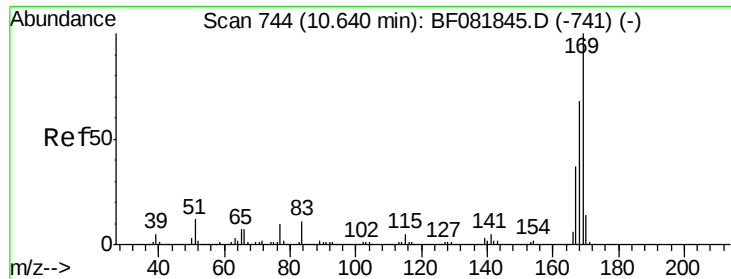
Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion:	198	Resp:	108538
Ion Ratio	100	Lower	Upper
198	100		
51	33.9	39.6	79.6#
105	36.4	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 37.88 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

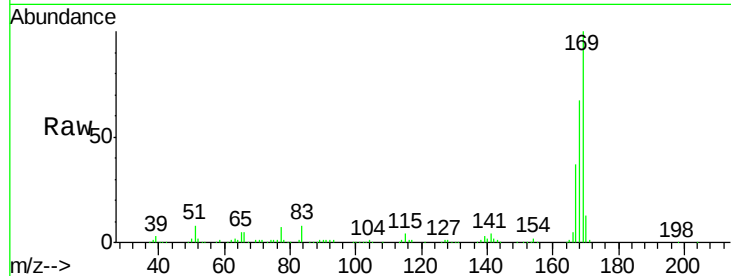
ClientSampleId :

SSTDCCC040EC

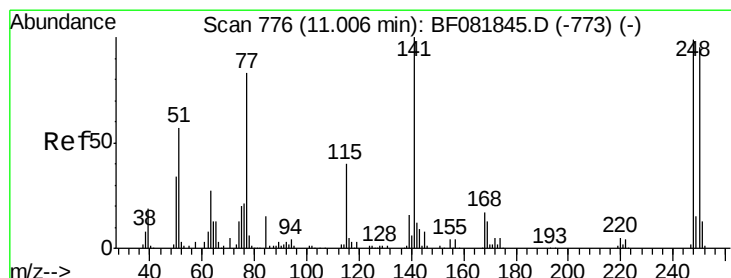
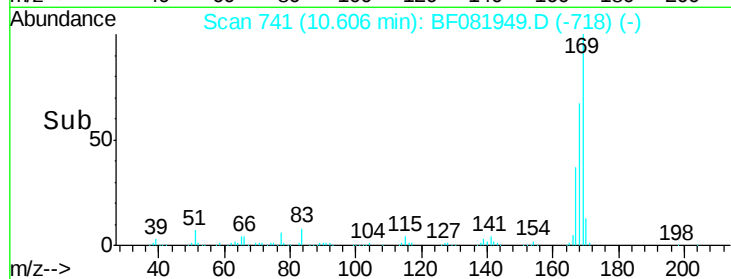
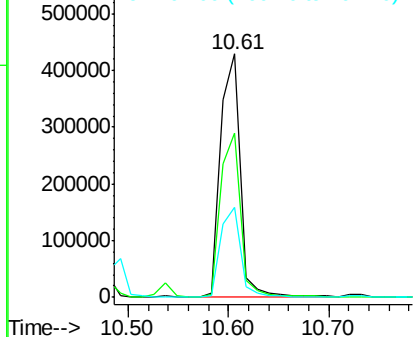
Tgt Ion:	169	Resp:	590104
Ion Ratio		Lower	Upper
169	100		
168	67.3	48.9	73.3
167	36.7	26.2	39.4

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



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



#66

4-Bromophenyl-phenylether

Concen: 41.24 ng

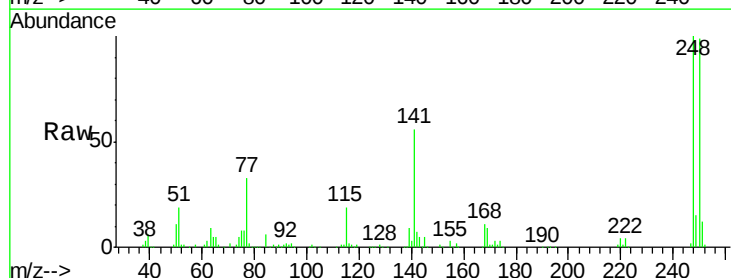
RT: 10.97 min Scan# 773

Delta R.T. -0.03 min

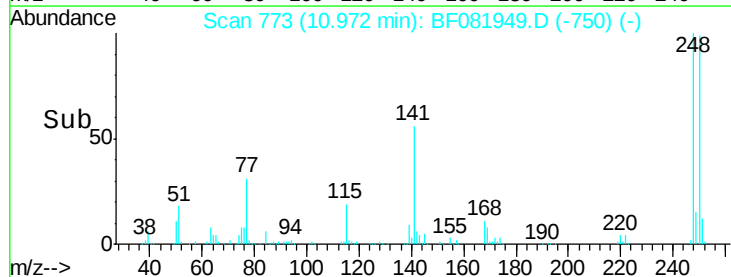
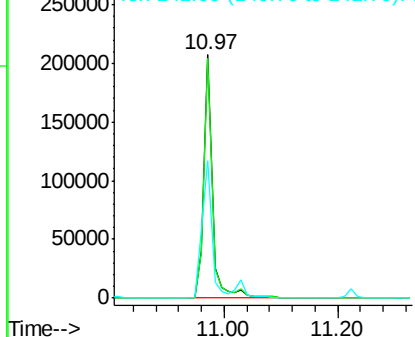
Lab File: BF081949.D

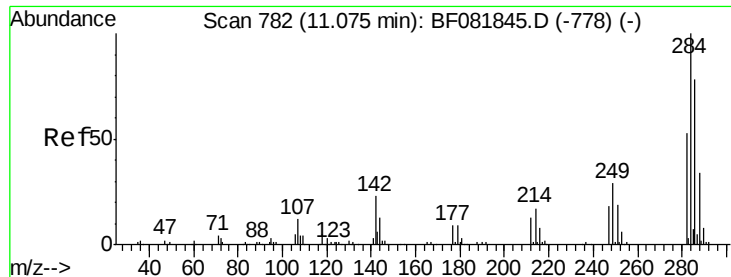
Acq: 1 Oct 2015 20:11

Tgt Ion:	248	Resp:	214121
Ion Ratio		Lower	Upper
248	100		
250	98.7	78.5	117.7
141	56.4	59.0	88.6#



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





#67

Hexachlorobenzene

Concen: 35.04 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081949.D

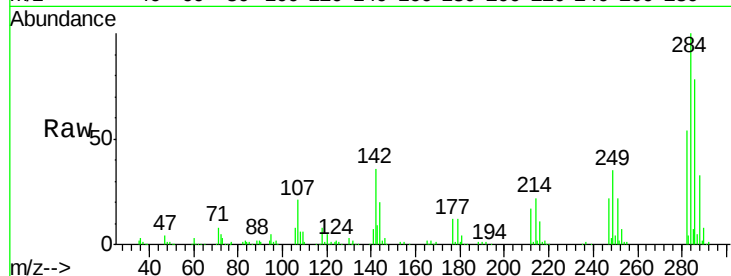
Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

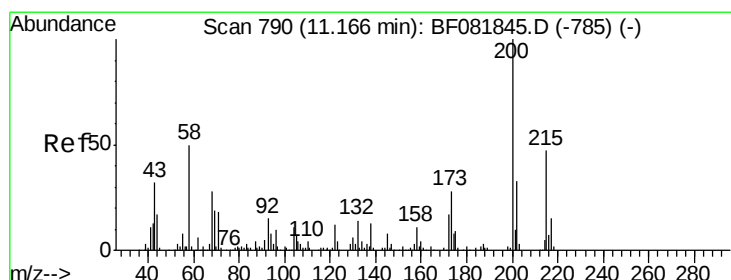
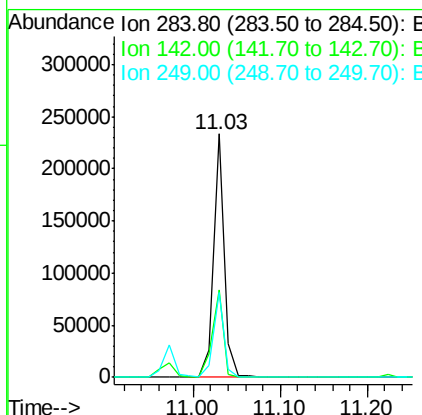
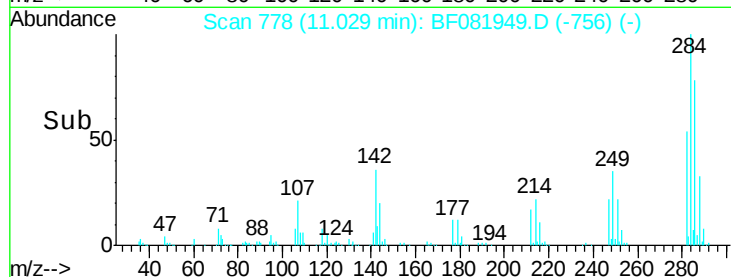
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	205285		
142	35.7	29.5	44.3	
249	34.8	19.5	29.3	

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#68

Atrazine

Concen: 38.62 ng

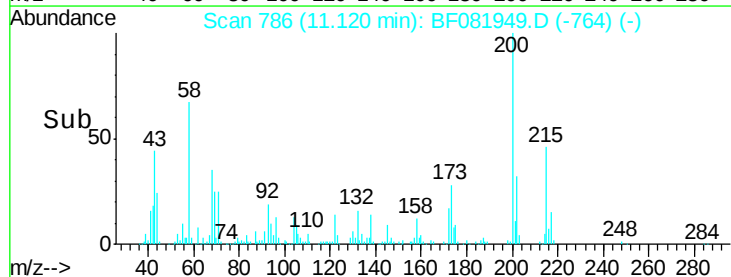
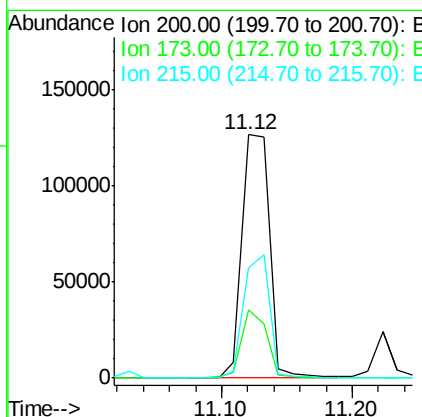
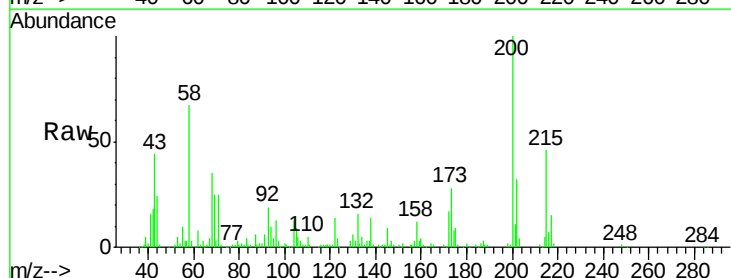
RT: 11.12 min Scan# 786

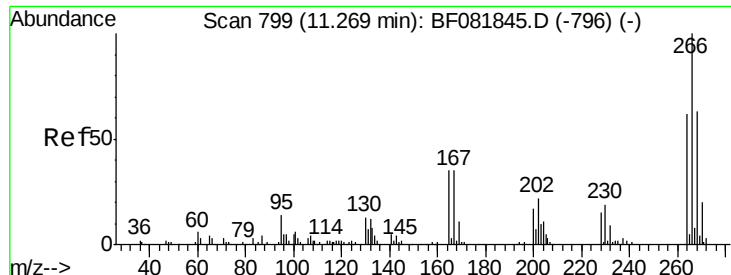
Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	186698		
173	28.0	13.2	53.2	
215	45.6	41.8	81.8	





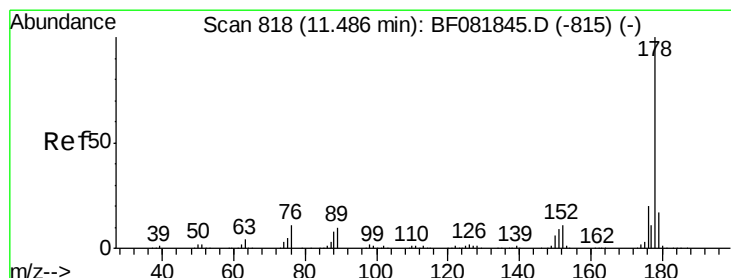
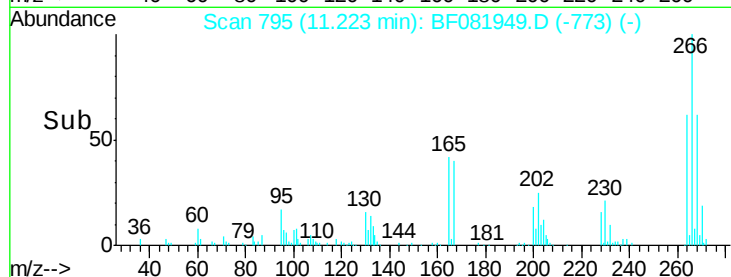
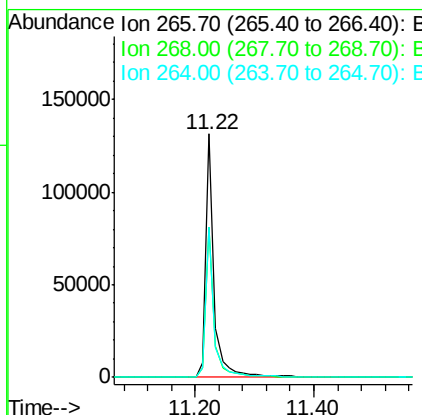
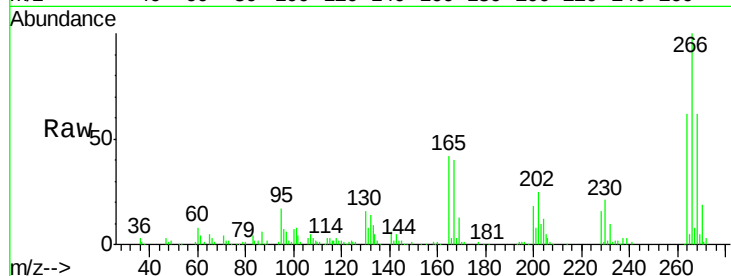
#69
 Pentachlorophenol
 Concen: 40.04 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	133658		
268	61.7	49.8	74.6	
264	61.9	50.2	75.2	

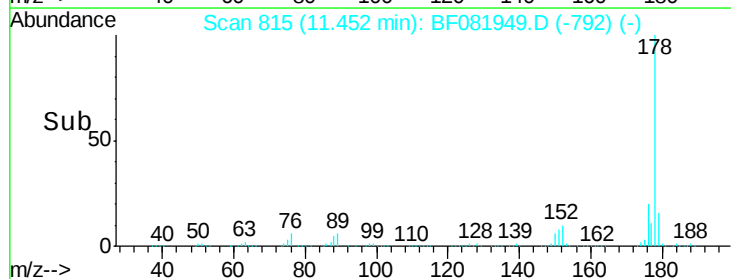
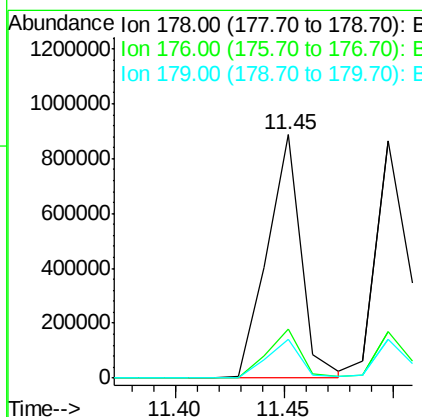
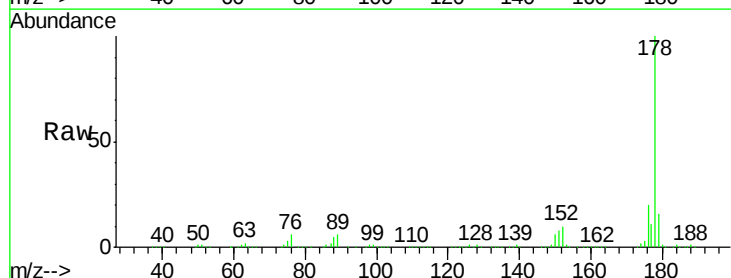
Manual Integrations
 APPROVED

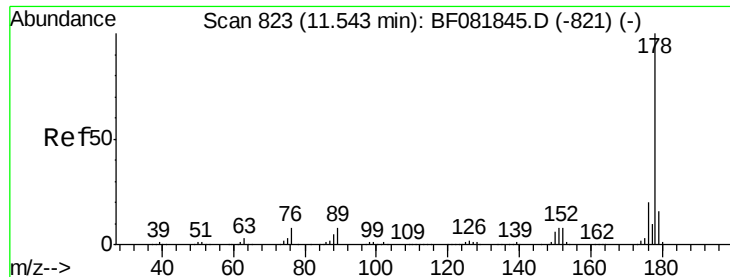
apatel
 10/2/2015 9:02:51 AM



#70
 Phenanthrene
 Concen: 38.65 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	963568		
176	20.2	13.8	20.8	
179	15.8	12.2	18.2	





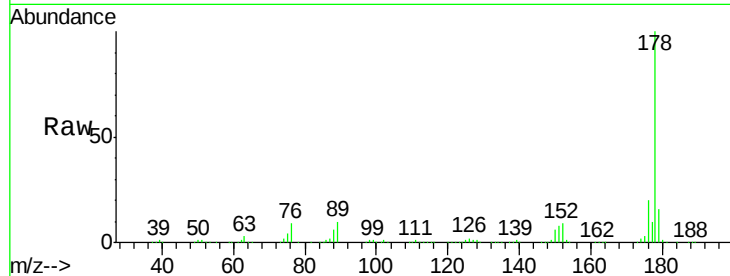
#71
 Anthracene
 Concen: 37.92 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

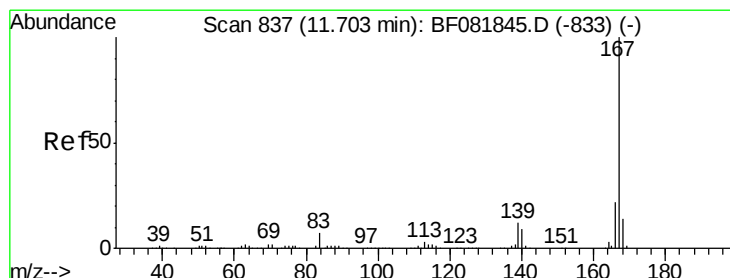
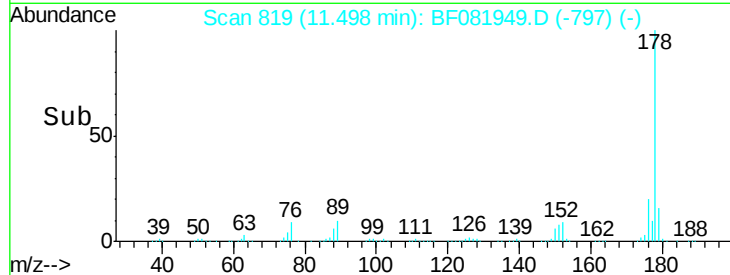
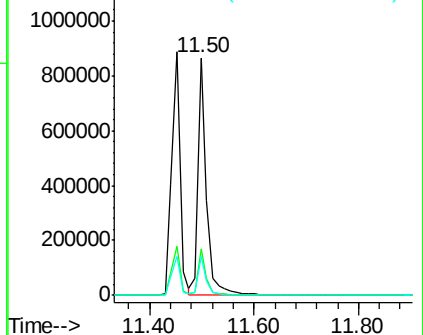
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.1	21.1
179	16.3	12.2	18.2

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:02:51 AM

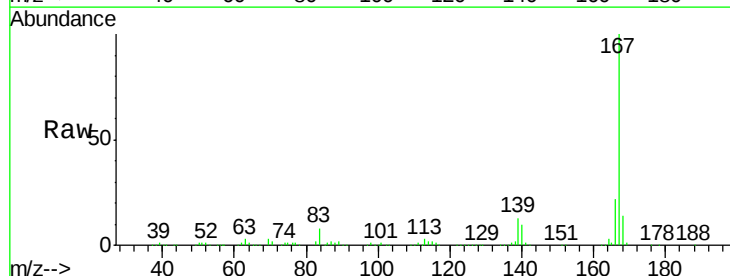


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

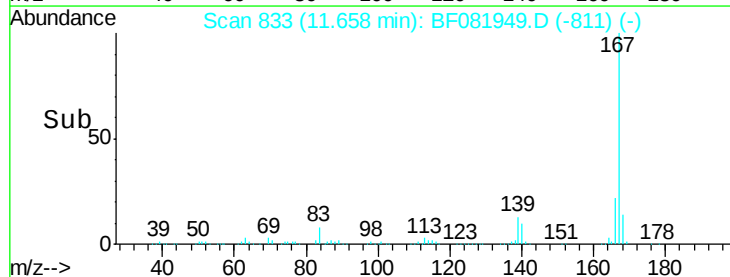
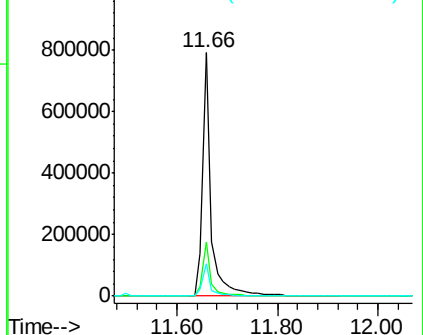


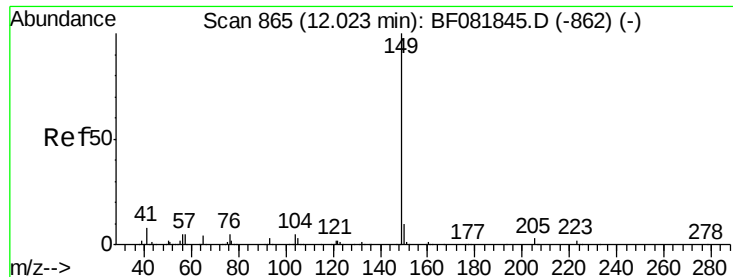
#72
 Carbazole
 Concen: 39.58 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	15.7	23.5
139	13.4	9.5	14.3



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





#73

Di-n-butylphthalate

Concen: 41.70 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

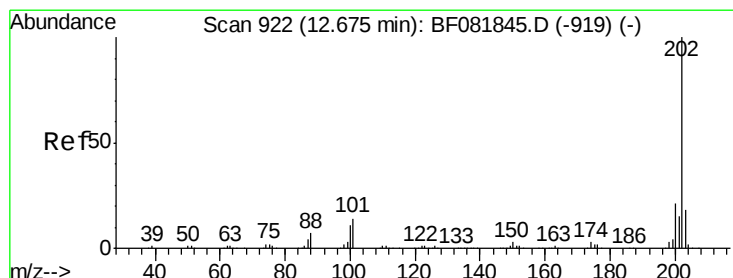
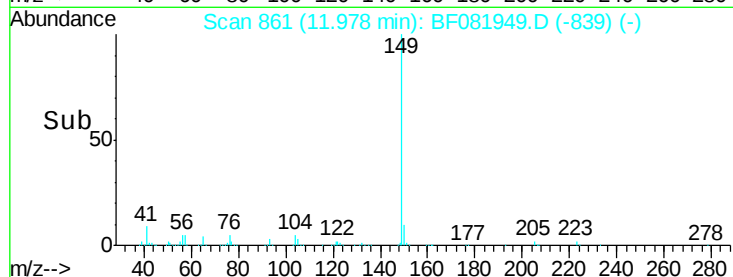
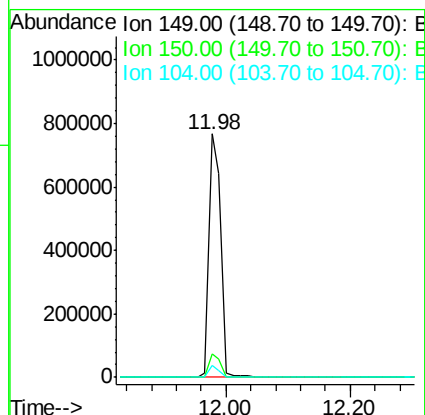
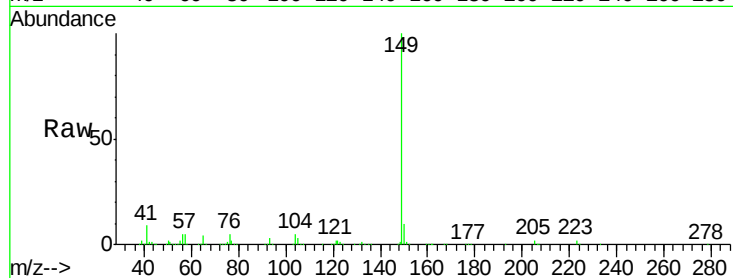
SSTDCCC040EC

Manual Integrations
APPROVED

apatel

10/2/2015 9:02:51 AM

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	5.1	2.4	3.6



#74

Fluoranthene

Concen: 36.59 ng

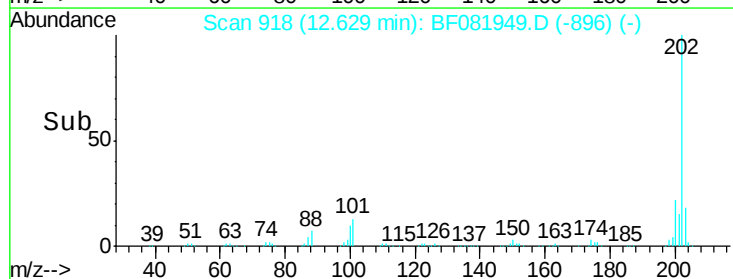
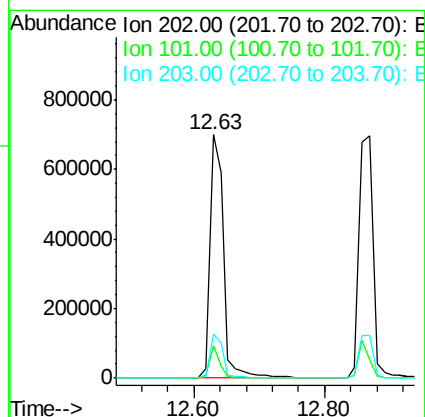
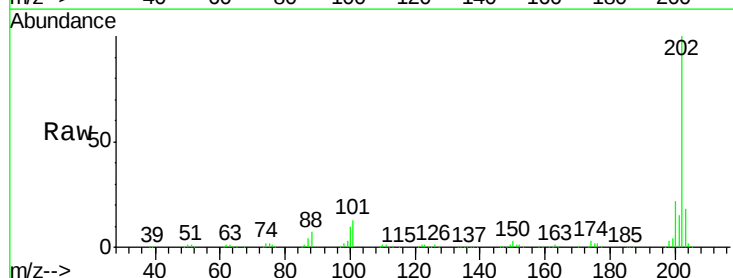
RT: 12.63 min Scan# 918

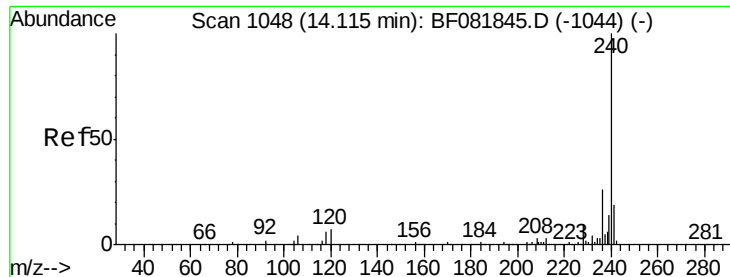
Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	38.3
203	18.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

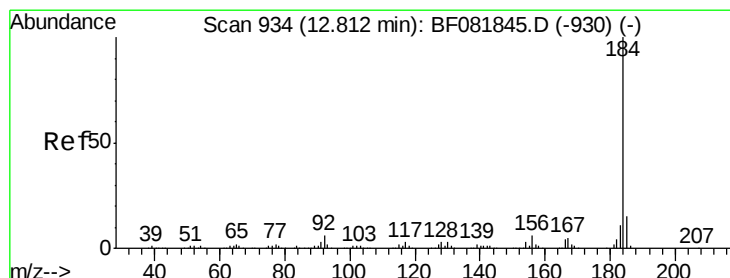
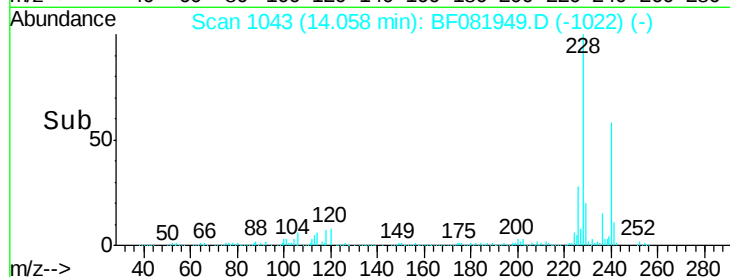
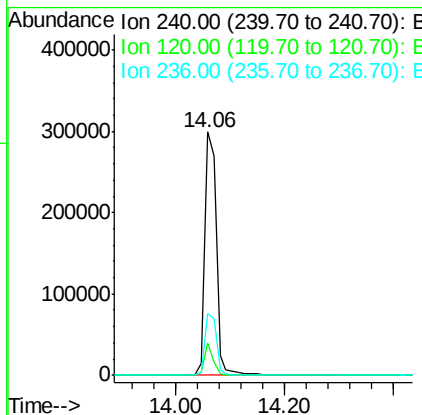
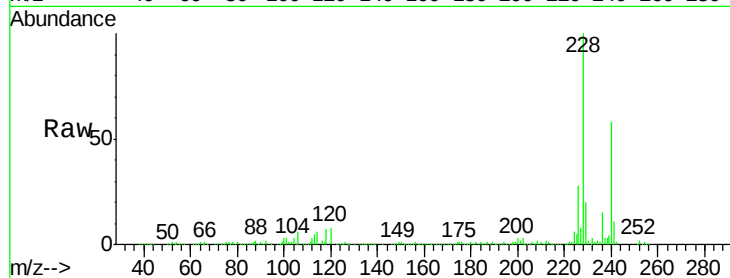
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	435293		
120	13.3	16.2	24.2#	
236	25.6	18.4	27.6	

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM



#76

Benzidine

Concen: 41.65 ng

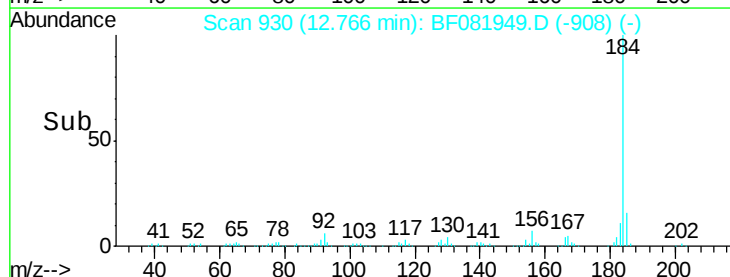
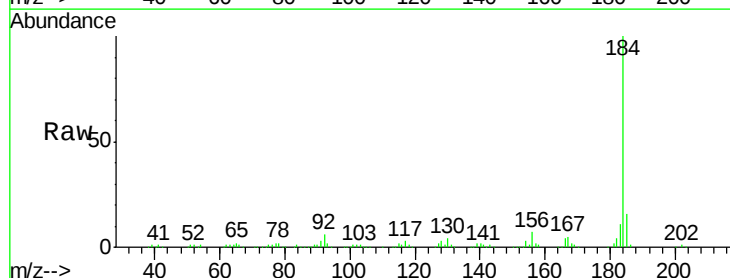
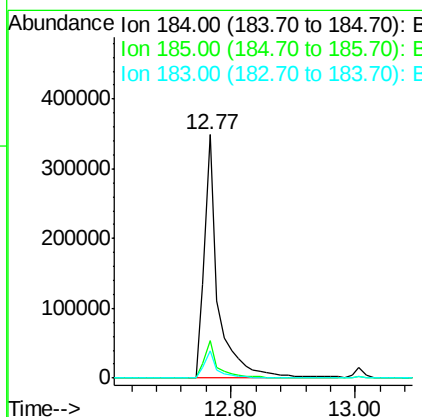
RT: 12.77 min Scan# 930

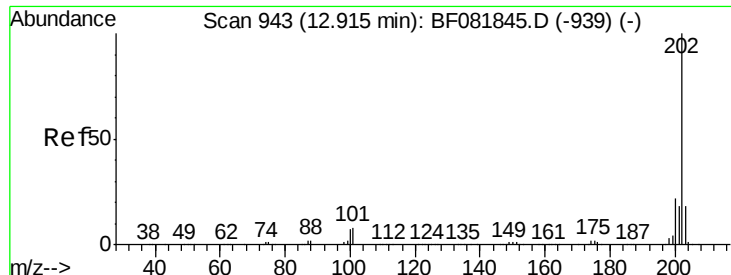
Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	546297		
185	15.6	11.8	17.6	
183	11.4	7.6	11.4#	





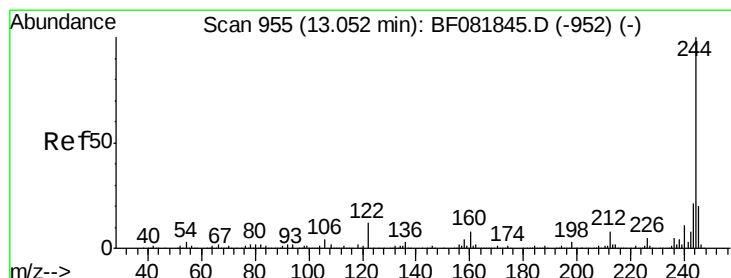
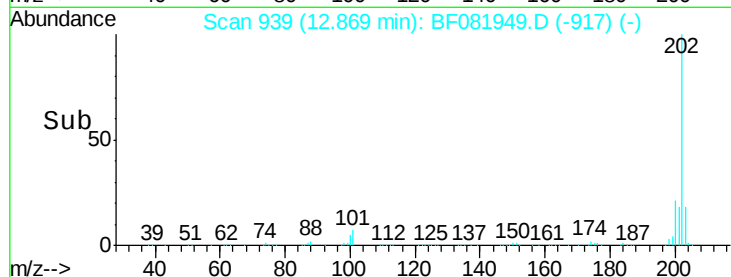
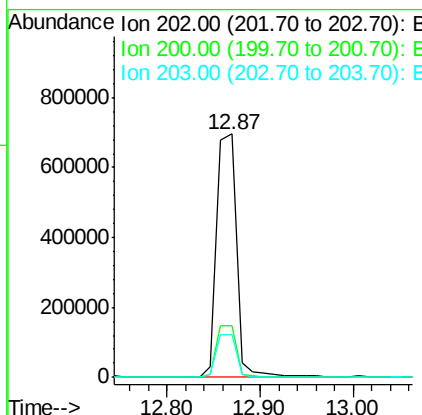
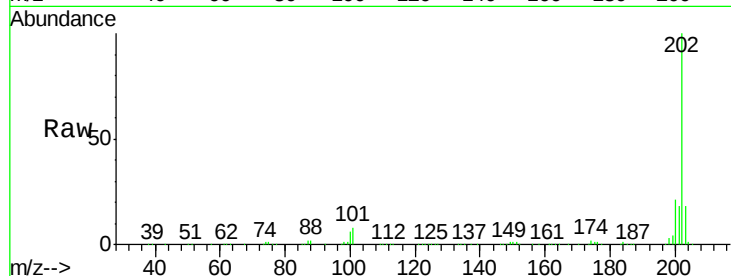
#77
 Pyrene
 Concen: 39.37 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	15.0	22.4
203	17.7	14.1	21.1

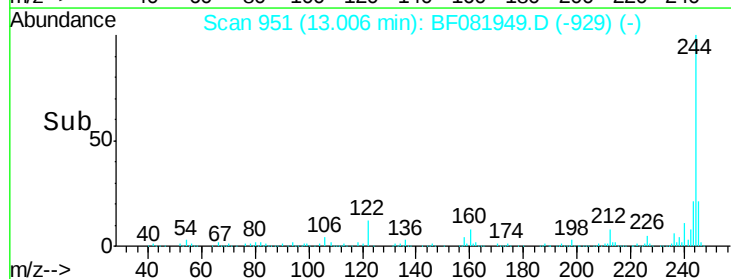
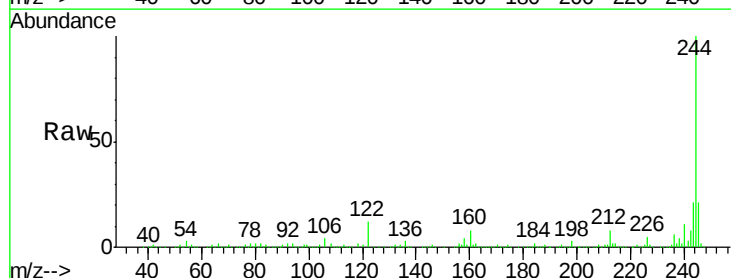
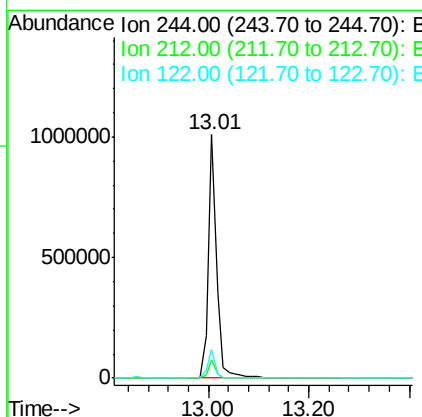
Manual Integrations
 APPROVED

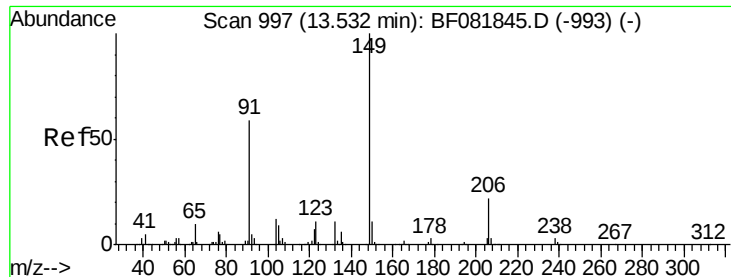
apatel
 10/2/2015 9:02:51 AM



#78
 Terphenyl-d14
 Concen: 85.98 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

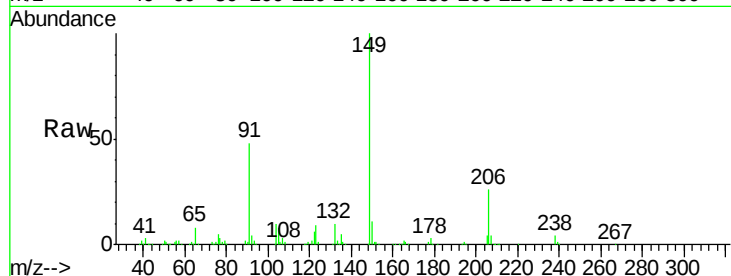
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.7	17.4	26.2#





#79
Butylbenzylphthalate
Concen: 44.35 ng
RT: 13.49 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

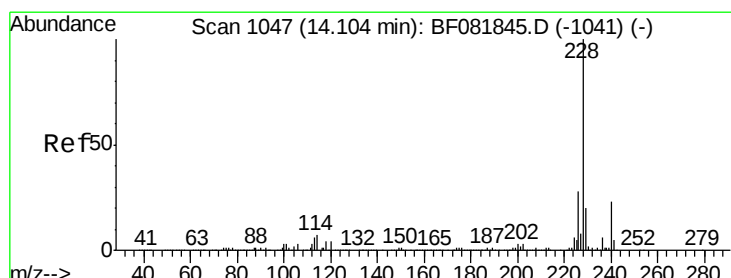
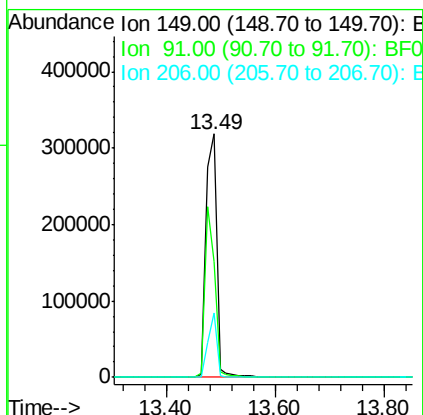
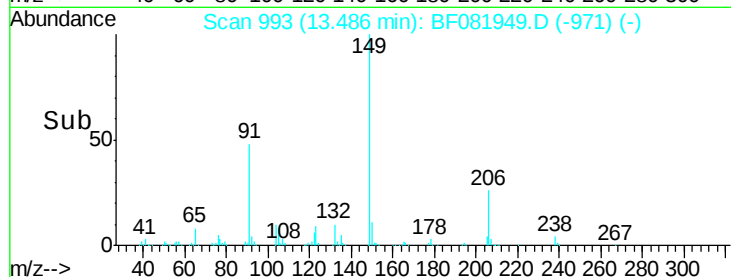
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	433934		
91	47.7	48.6	72.8#	
206	26.3	14.9	22.3#	

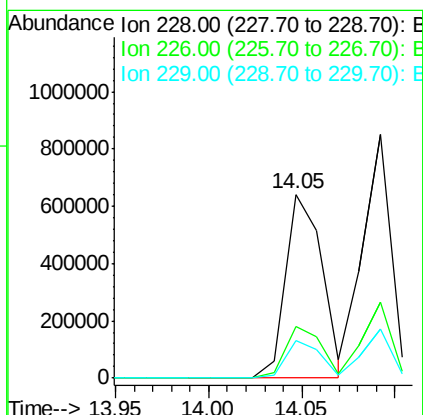
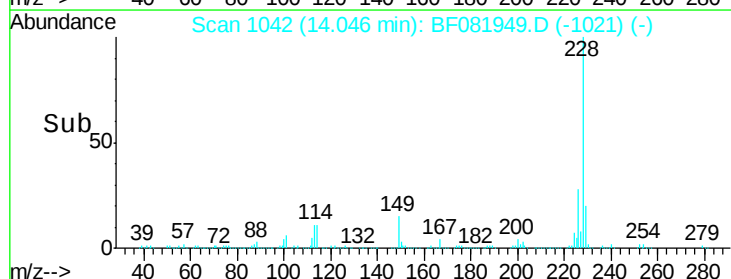
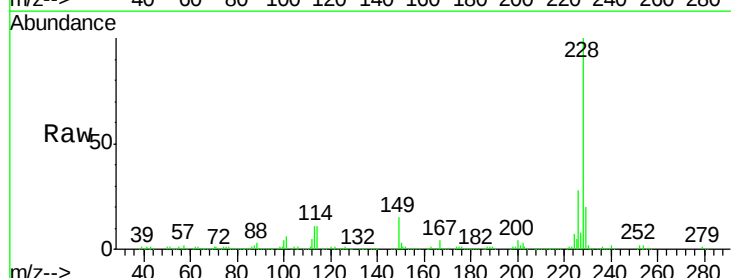
Manual Integrations
APPROVED

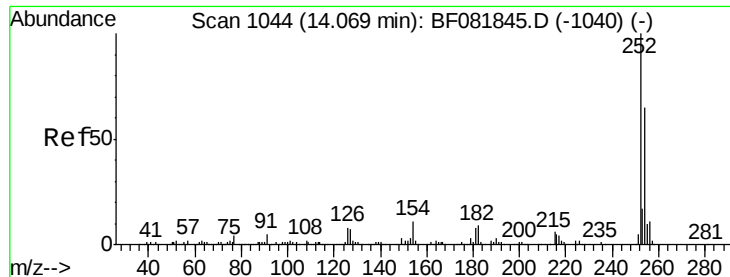
apatel
10/2/2015 9:02:51 AM



#80
Benzo(a)anthracene
Concen: 37.60 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	881245		
226	28.0	20.0	30.0	
229	20.2	15.4	23.2	





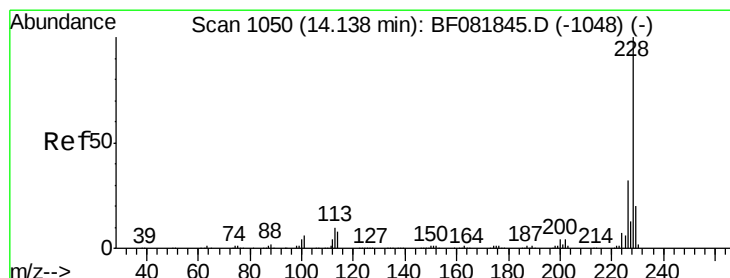
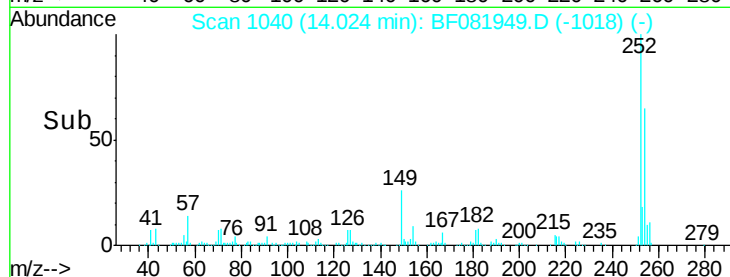
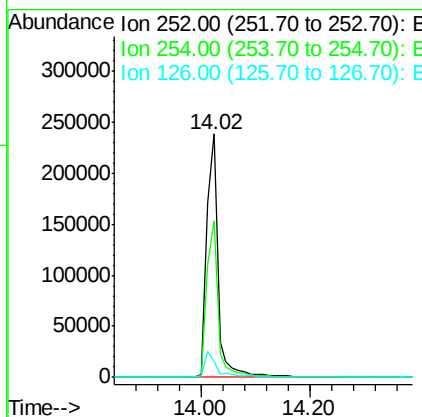
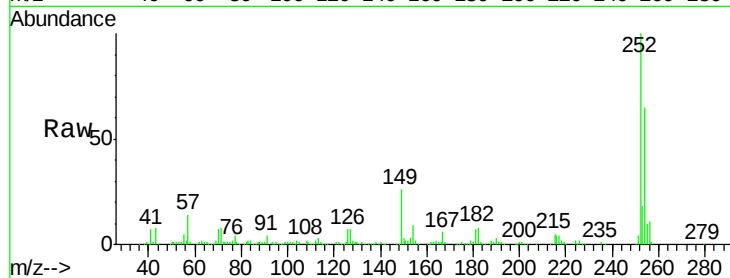
#81
 3,3'-Dichlorobenzidine
 Concen: 43.54 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	51.4	77.2
126	6.6	16.4	24.6

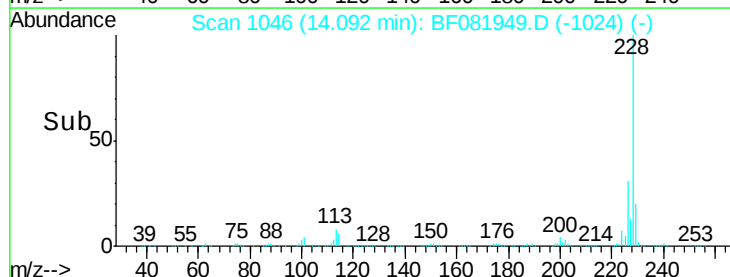
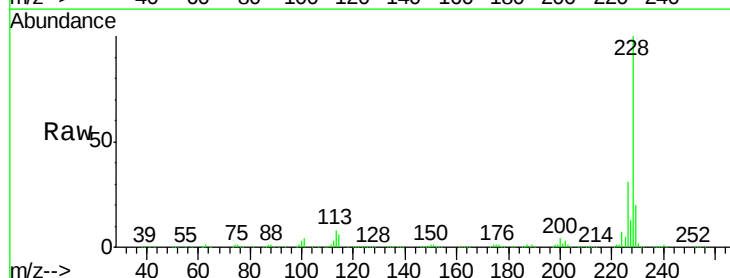
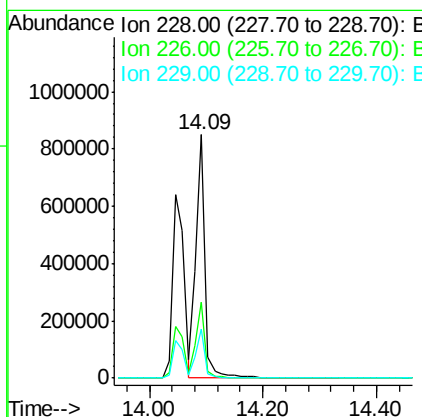
Manual Integrations
 APPROVED

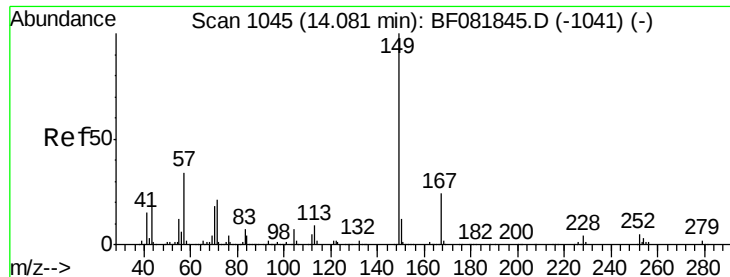
apatel
 10/2/2015 9:02:51 AM



#82
 Chrysene
 Concen: 48.38 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.04 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	21.0	31.4
229	20.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.54 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 558989

Ion Ratio Lower Upper

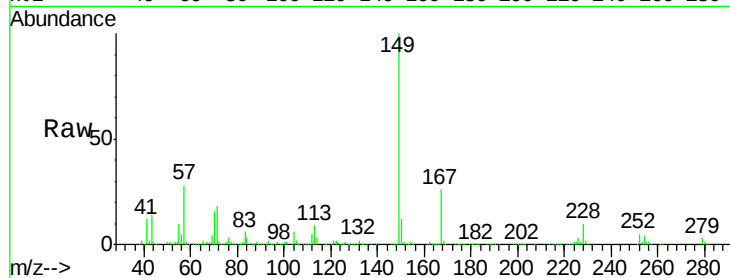
149 100

167 26.0 24.2 36.2

279 2.6 3.8 5.6#

Manual Integrations
APPROVED

apatel
10/2/2015 9:02:51 AM

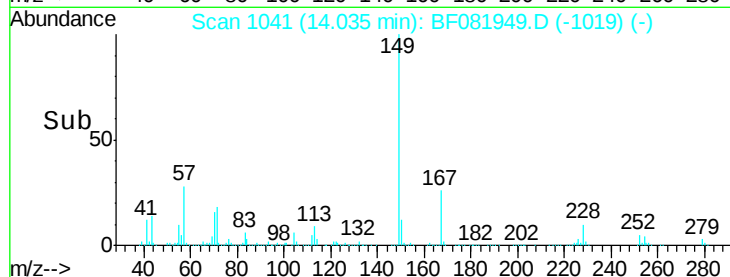


Abundance Ion 149.00 (148.70 to 149.70): E

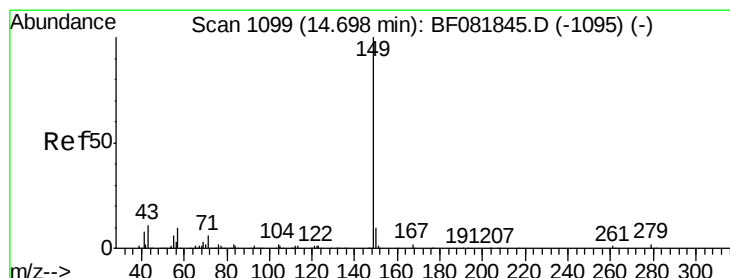
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.04



Time-->



#84

Di-n-octyl phthalate

Concen: 47.19 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF081949.D

Acq: 1 Oct 2015 20:11

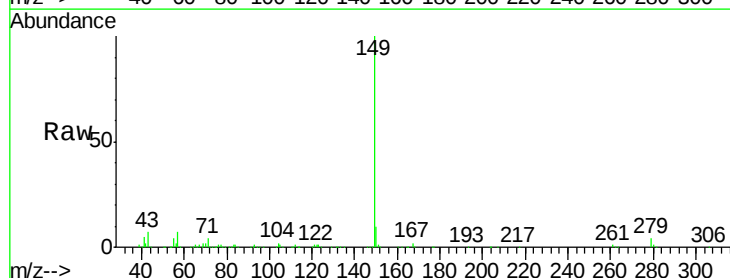
Tgt Ion:149 Resp: 942723

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 9.0 10.2 15.2#

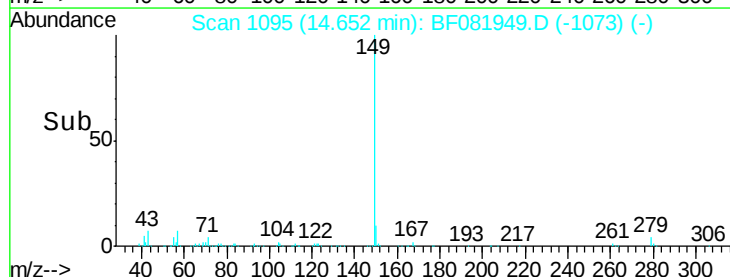


Abundance Ion 149.00 (148.70 to 149.70): E

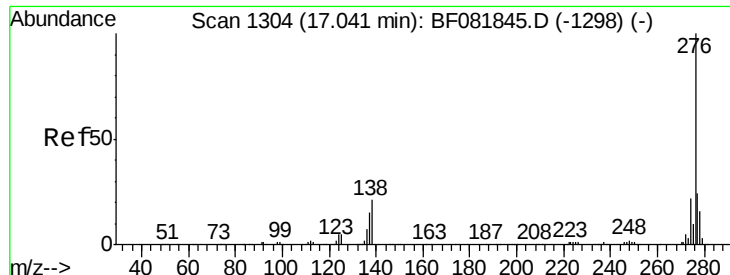
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.65



Time-->



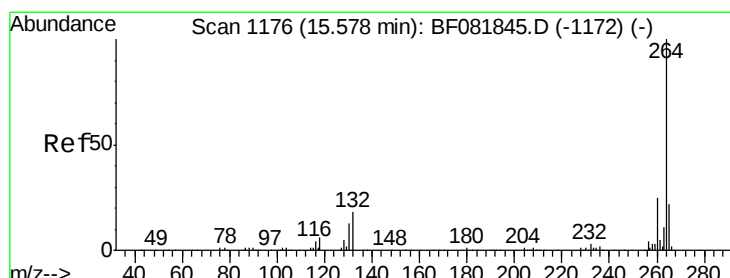
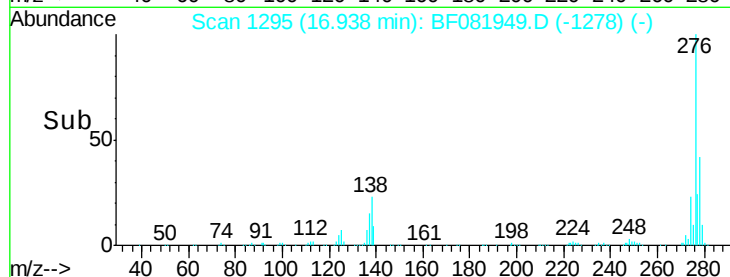
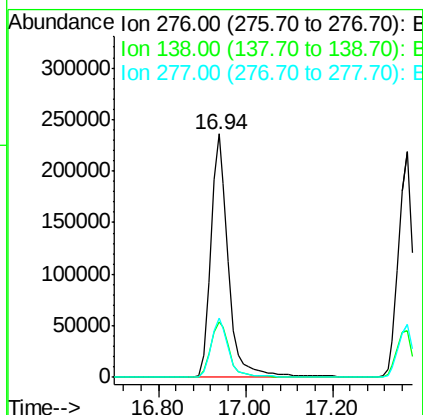
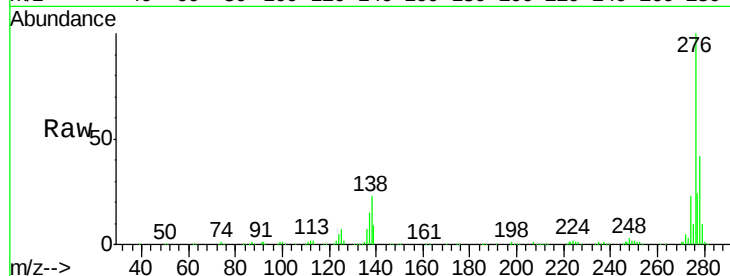
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.86 ng
RT: 16.94 min Scan# 1295
Delta R.T. -0.10 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.7	38.5#
277	24.5	15.6	23.4#

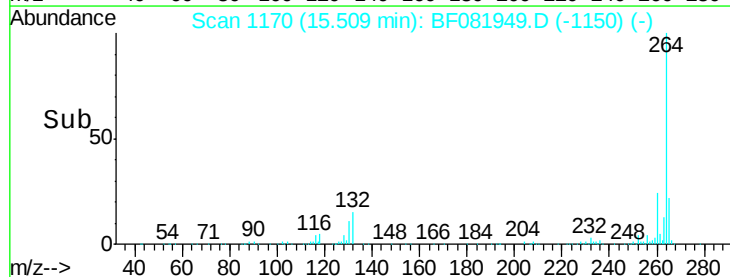
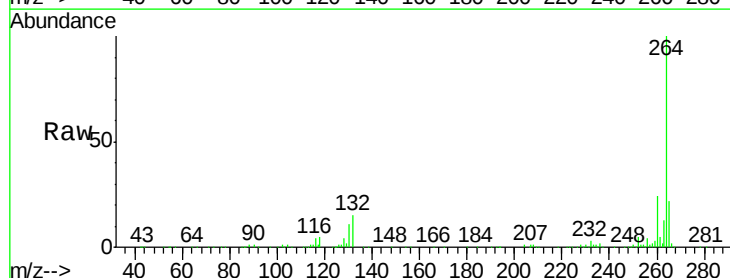
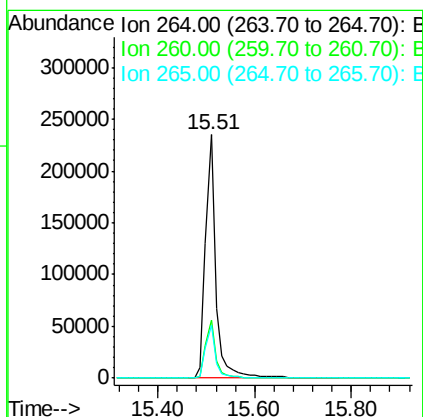
Manual Integrations
APPROVED

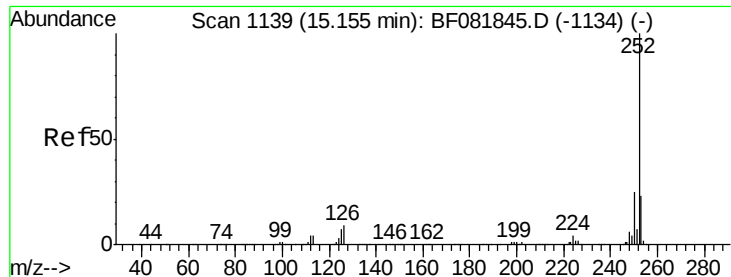
apatel
10/2/2015 9:02:51 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.6	17.2	25.8





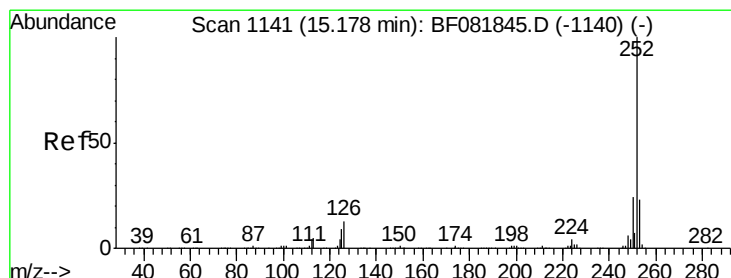
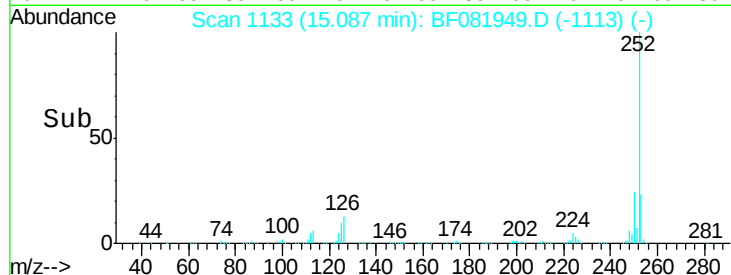
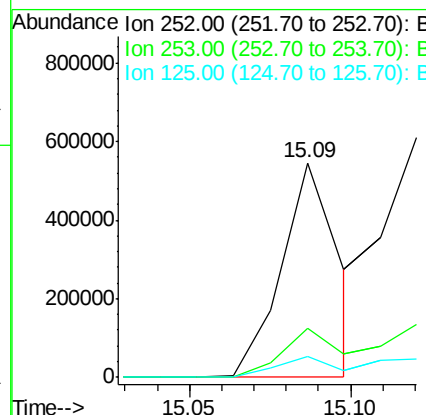
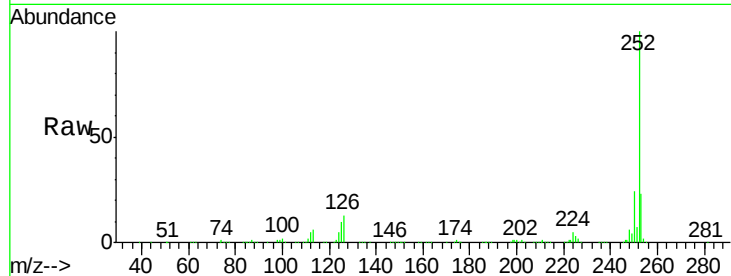
#87
Benzo(b)fluoranthene
Concen: 34.13 ng m
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.5	17.1	25.7

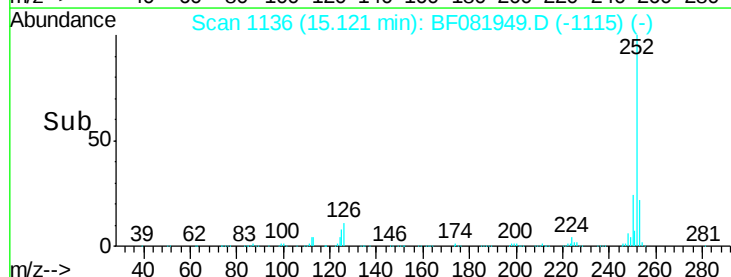
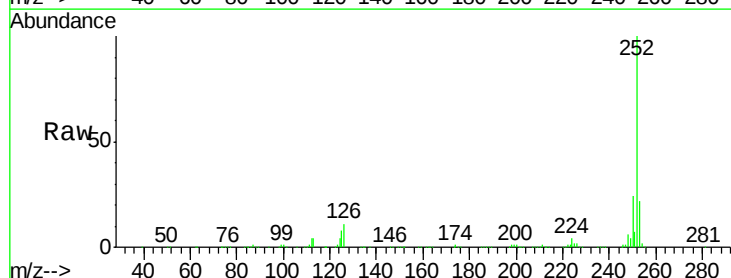
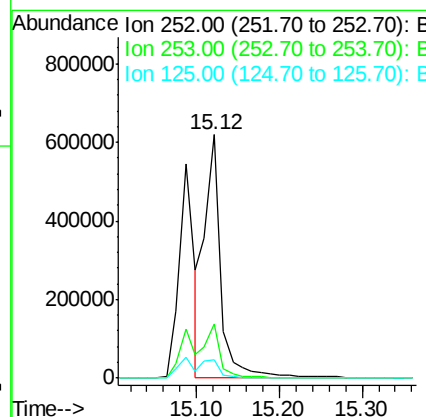
Manual Integrations
APPROVED

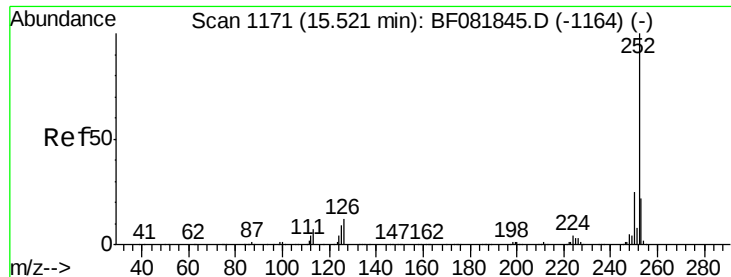
apatel
10/2/2015 9:02:51 AM



#88
Benzo(k)fluoranthene
Concen: 46.14 ng m
RT: 15.12 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	7.8	16.0	24.0





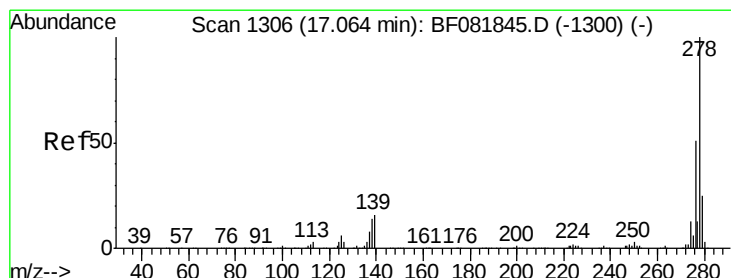
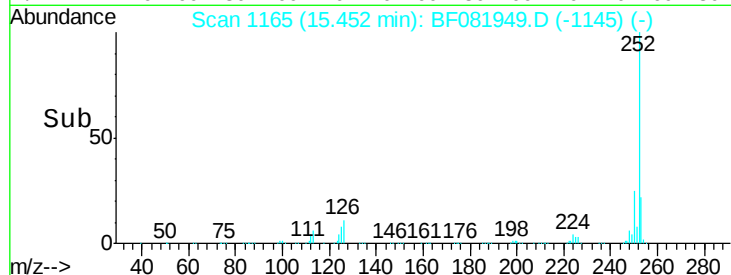
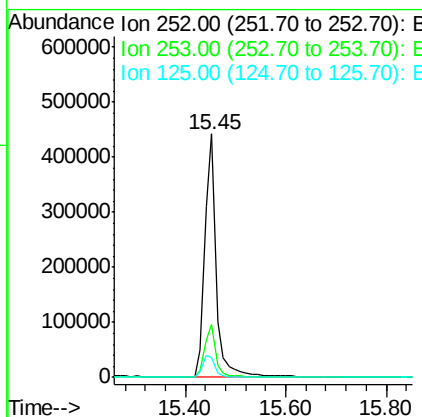
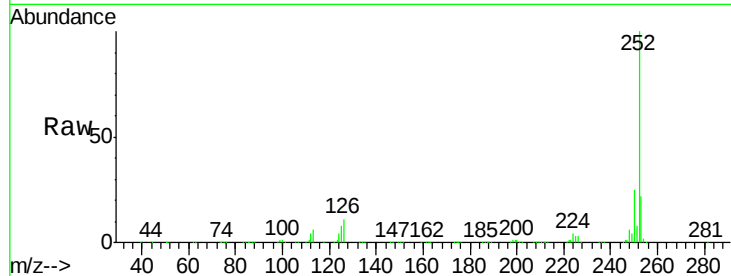
#89
Benzo(a)pyrene
Concen: 40.02 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.1	18.0	27.0#

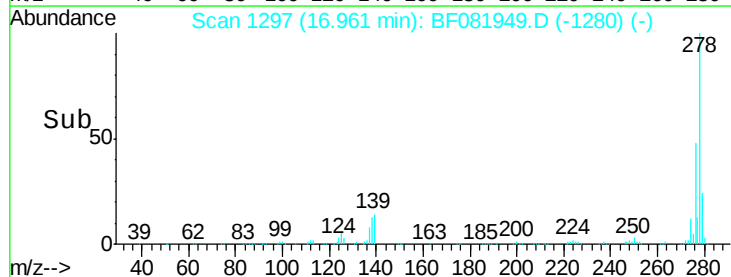
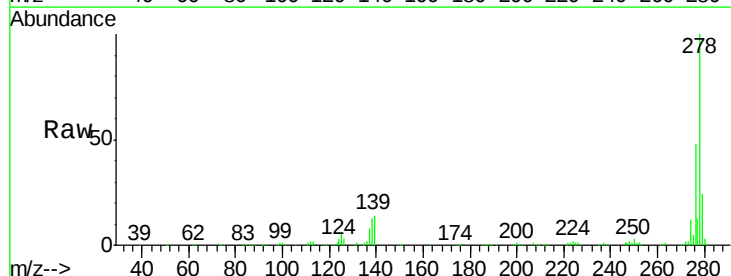
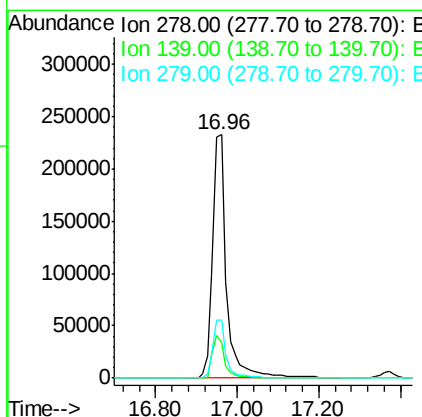
Manual Integrations
APPROVED

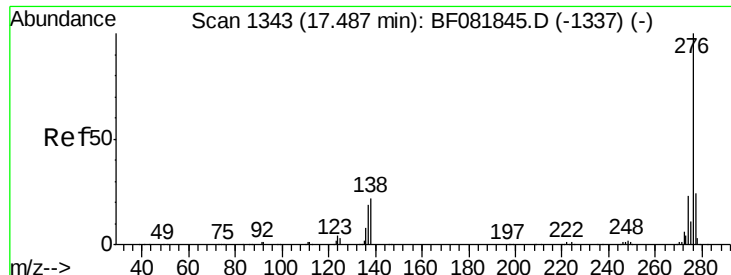
apatel
10/2/2015 9:02:51 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.89 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.10 min
Lab File: BF081949.D
Acq: 1 Oct 2015 20:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	26.3	39.5#
279	23.7	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 35.62 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.11 min
 Lab File: BF081949.D
 Acq: 1 Oct 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.3	17.8	26.6	
138	20.8	34.6	51.8	

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:02:51 AM

