

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082765.D
 Acq On : 6 Nov 2015 17:03
 Operator : UM/IZ
 Sample : PB86450BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:18 PM

Quant Time: Nov 07 03:11:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	163940	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	610303	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	333008	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	626957	20.00	ng	0.00
75) Chrysene-d12	14.01	240	540112	20.00	ng	-0.01
86) Perylene-d12	15.45	264	515719	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	792985	75.26	ng	0.01
7) Phenol-d6	6.49	99	1037525	74.07	ng	0.01
23) Nitrobenzene-d5	7.41	82	980989	69.94	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	293592	76.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1720525	74.05	ng	0.00
78) Terphenyl-d14	12.96	244	1696717	74.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	137753	30.30	ng	96
3) Pyridine	3.24	79	396898	30.09	ng	98
4) n-Nitrosodimethylamine	3.18	42	218418	33.38	ng	88
6) Aniline	6.51	93	400772	20.38	ng	97
8) 2-Chlorophenol	6.64	128	418880	35.86	ng	94
9) Benzaldehyde	6.38	77	46377	5.99	ng	100
10) Phenol	6.50	94	595311	37.46	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	399040	33.57	ng	# 78
12) 1,3-Dichlorobenzene	6.80	146	438106m	33.26	ng	
13) 1,4-Dichlorobenzene	6.86	146	433695	31.64	ng	98
14) 1,2-Dichlorobenzene	7.02	146	447723	35.92	ng	98
15) Benzyl Alcohol	6.99	79	417931	33.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	629248	36.09	ng	93
17) 2-Methylphenol	7.10	107	336023	33.96	ng	97
18) Hexachloroethane	7.37	117	168733	34.42	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	323854	31.45	ng	90
20) 3+4-Methylphenols	7.26	107	463001	36.00	ng	98
22) Acetophenone	7.26	105	616308	35.24	ng	# 90
24) Nitrobenzene	7.44	77	512956	35.76	ng	98
25) Isophorone	7.68	82	875013	33.72	ng	99
26) 2-Nitrophenol	7.74	139	202986	33.90	ng	88
27) 2,4-Dimethylphenol	7.79	122	363026	33.75	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	517788	35.37	ng	99
29) 2,4-Dichlorophenol	8.00	162	382612	39.35	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	377692	34.54	ng	97
31) Naphthalene	8.16	128	1106603	32.86	ng	99
32) Benzoic acid	7.92	122	233575	31.71	ng	91
33) 4-Chloroaniline	8.20	127	212631	14.65	ng	93
34) Hexachlorobutadiene	8.28	225	232195	33.93	ng	99
35) Caprolactam	8.57	113	113091	36.90	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	432749	37.85	ng	90
37) 2-Methylnaphthalene	8.85	142	809444	37.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	385330	35.21	ng	99
40) Hexachlorocyclopentadiene	9.01	237	490761	83.47	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082765.D
 Acq On : 6 Nov 2015 17:03
 Operator : UM/IZ
 Sample : PB86450BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

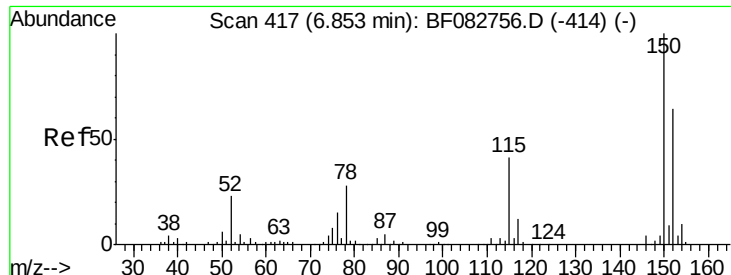
Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:18 PM

Quant Time: Nov 07 03:11:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	273639	33.50	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	265142	32.82	nq	# 87
45) 1,1'-Biphenyl	9.31	154	913439	31.97	nq	95
46) 2-Chloronaphthalene	9.33	162	731497	32.82	nq	94
47) 2-Nitroaniline	9.42	65	261302	31.60	nq	93
48) Acenaphthylene	9.76	152	1267827	36.29	nq	99
49) Dimethylphthalate	9.62	163	937429	34.36	nq	100
50) 2,6-Dinitrotoluene	9.68	165	217932	37.44	nq	88
51) Acenaphthene	9.93	154	935664	42.26	nq	100
52) 3-Nitroaniline	9.84	138	114669	17.91	nq	90
53) 2,4-Dinitrophenol	9.95	184	265408	83.04	nq	# 16
54) Dibenzofuran	10.10	168	1110072	37.19	nq	93
55) 4-Nitrophenol	10.01	139	358337	72.96	nq	88
56) 2,4-Dinitrotoluene	10.08	165	256197	32.44	nq	# 93
57) Fluorene	10.44	166	922439	38.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	233086	35.35	nq	92
59) Diethylphthalate	10.32	149	900622	33.81	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	390042	32.25	nq	# 83
61) 4-Nitroaniline	10.45	138	197328	30.65	nq	88
62) Azobenzene	10.59	77	1011402	35.34	nq	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	170378	38.14	nq	98
65) n-Nitrosodiphenylamine	10.56	169	771947	34.08	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	266006	35.24	nq	# 81
67) Hexachlorobenzene	10.99	284	289107	34.30	nq	# 78
68) Atrazine	11.08	200	283533	40.48	nq	97
69) Pentachlorophenol	11.18	266	397109	77.58	nq	99
70) Phenanthrene	11.40	178	1410625	38.74	nq	98
71) Anthracene	11.45	178	1234390	32.19	nq	99
72) Carbazole	11.60	167	1218257	36.29	nq	98
73) Di-n-butylphthalate	11.94	149	1344006	32.13	nq	100
74) Fluoranthene	12.58	202	1339374	34.28	nq	98
76) Benzidine	12.71	184	492475	27.21	nq	98
77) Pyrene	12.81	202	1332695	35.93	nq	99
79) Butylbenzylphthalate	13.44	149	609851	37.22	nq	99
80) Benzo(a)anthracene	14.00	228	1309882	38.78	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	271072	22.58	nq	98
82) Chrysene	14.04	228	1322787	42.76	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	896868	39.99	nq	# 98
84) Di-n-octyl phthalate	14.63	149	1513548	40.46	nq	96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1007951	37.83	nq	100
87) Benzo(b)fluoranthene	15.04	252	1087565	32.85	nq	# 98
88) Benzo(k)fluoranthene	15.07	252	1156388m	39.38	nq	
89) Benzo(a)pyrene	15.39	252	1064604	37.12	nq	# 98
90) Dibenzo(a,h)anthracene	16.85	278	846212	34.84	nq	99
91) Benzo(g,h,i)perylene	17.25	276	802872	34.51	nq	99

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



#1

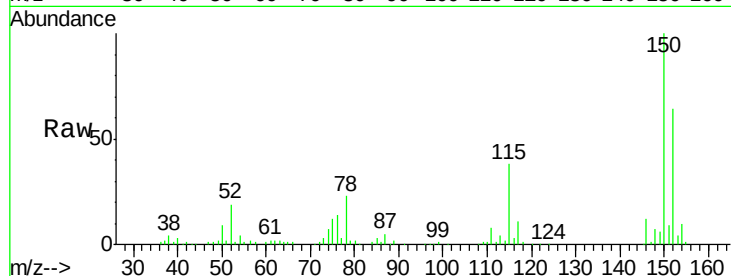
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

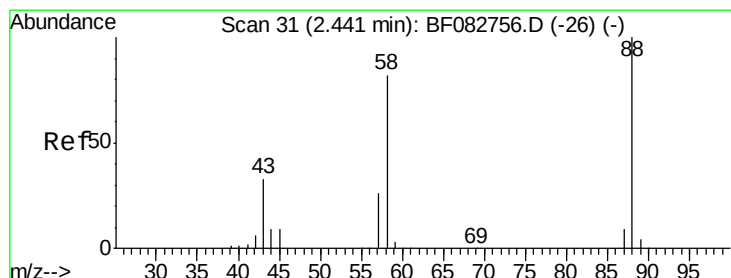
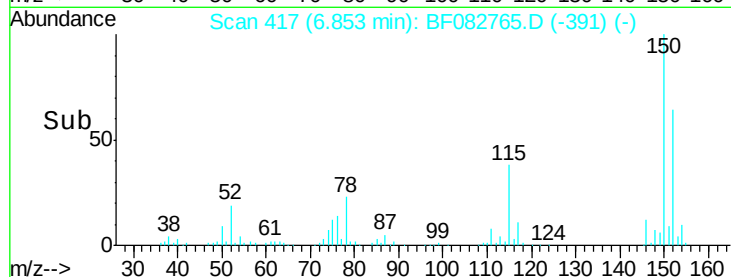
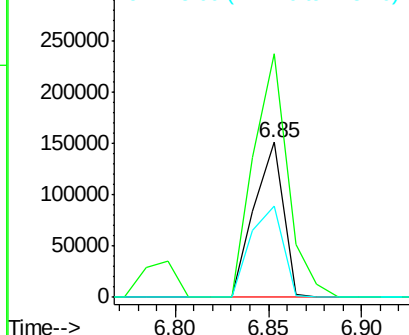
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.0	190.4
115	59.2	47.0	70.6

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



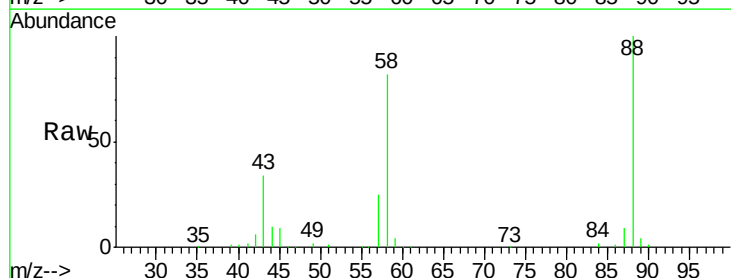
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



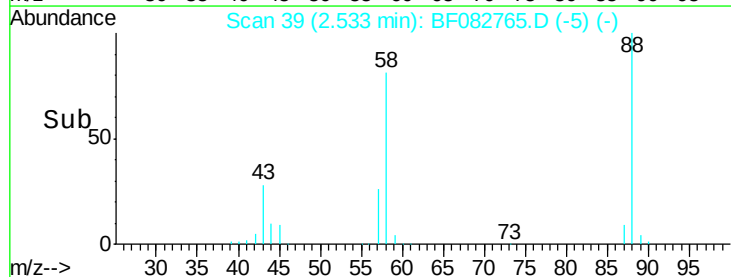
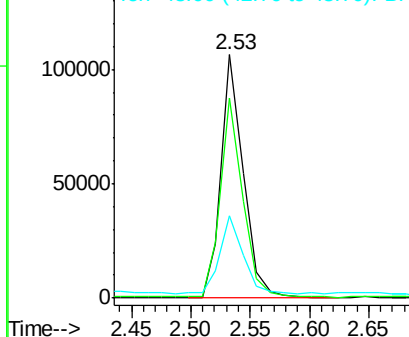
#2

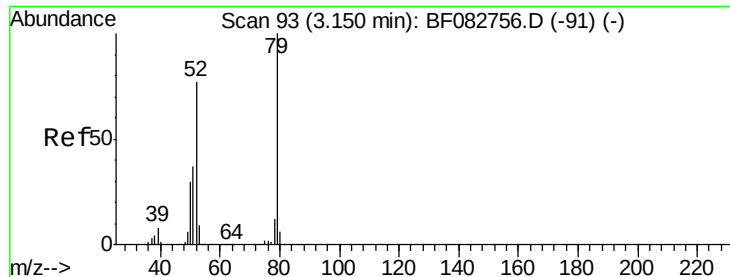
1,4-Dioxane
Concen: 30.30 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.09 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	62.0	93.0
43	33.9	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.09 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

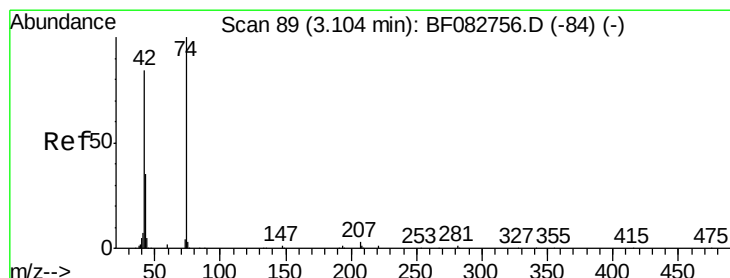
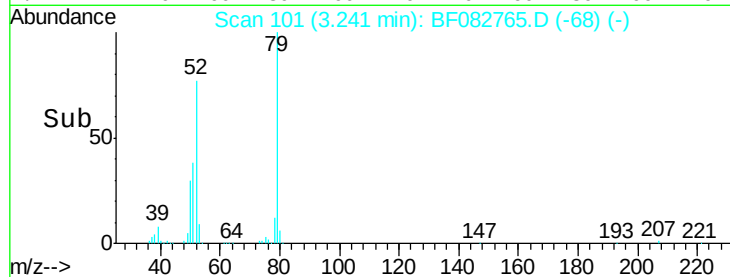
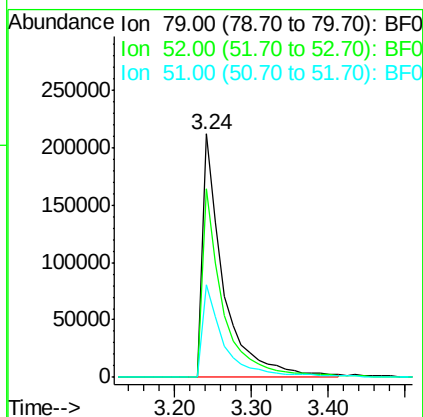
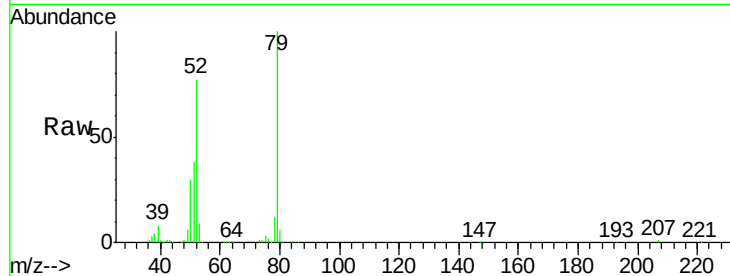
ClientSampleId :

PB86450BSD

Tot Ion:	79	Resp:	396898
Ion Ratio	Lower	Upper	
79	100		
52	77.4	62.8	94.2
51	38.1	32.0	48.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#4

n-Nitrosodimethylamine

Concen: 33.38 ng

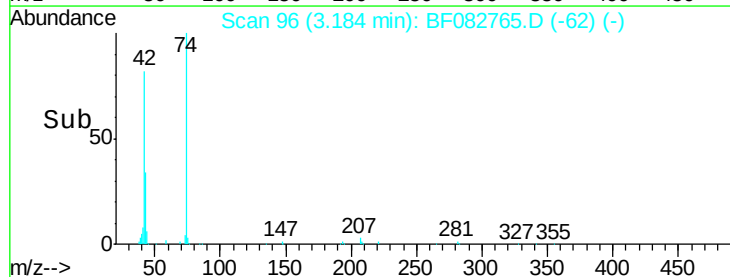
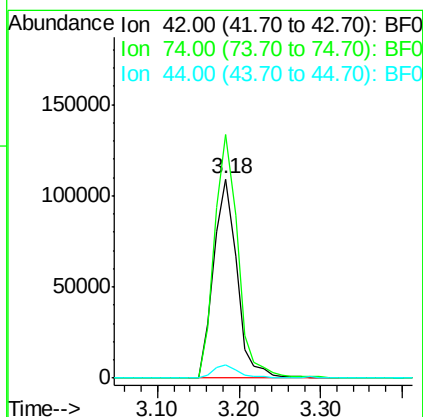
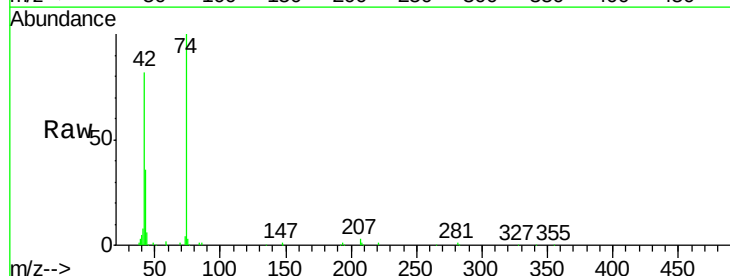
RT: 3.18 min Scan# 96

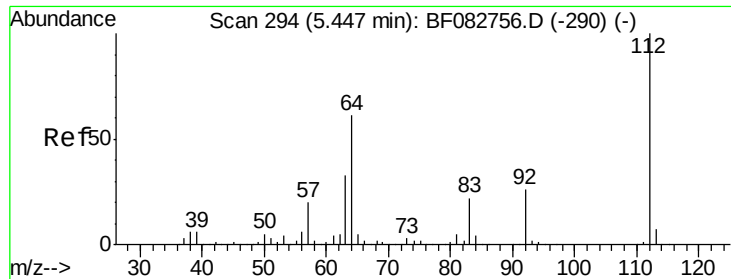
Delta R.T. 0.09 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:	42	Resp:	218418
Ion Ratio	Lower	Upper	
42	100		
74	122.2	87.0	130.4
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 75.26 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

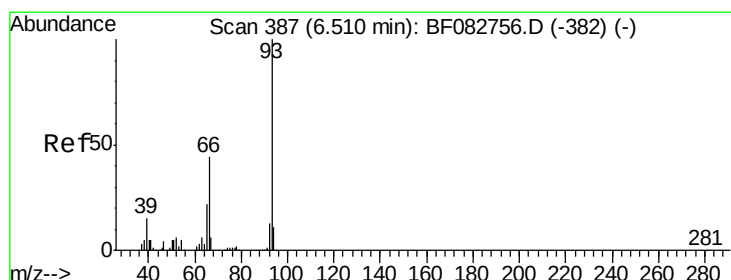
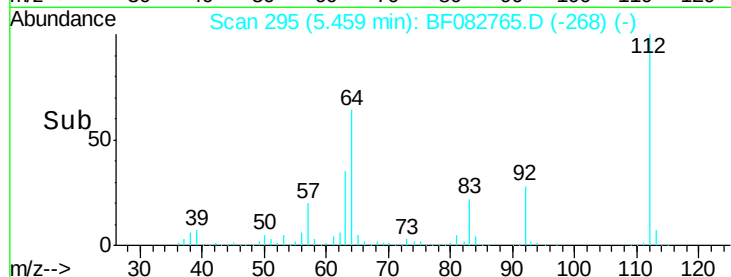
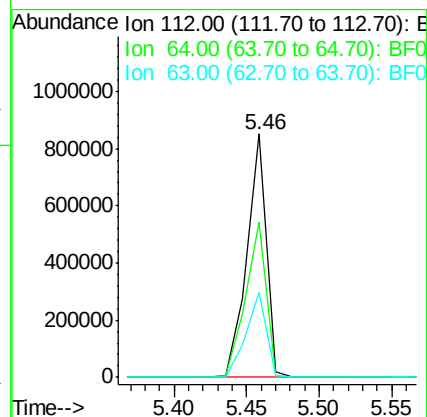
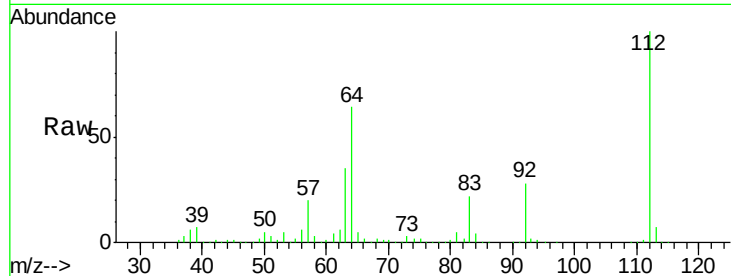
ClientSampleId :

PB86450BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.0	48.9	73.3
63	34.7	28.1	42.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#6

Aniline

Concen: 20.38 ng

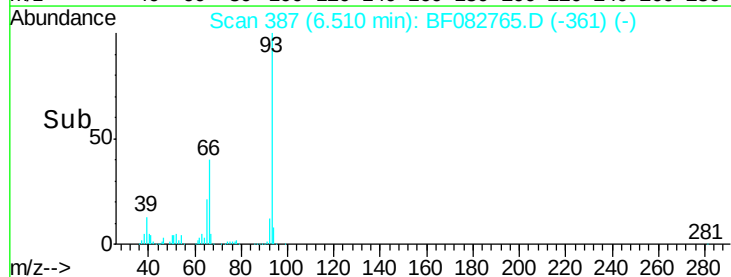
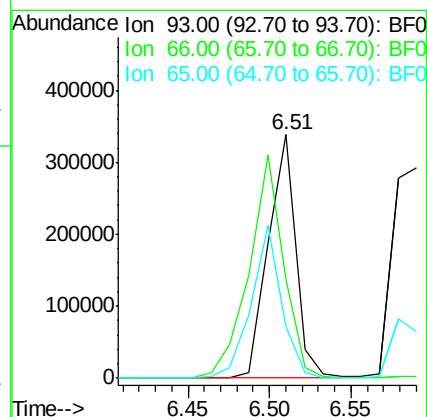
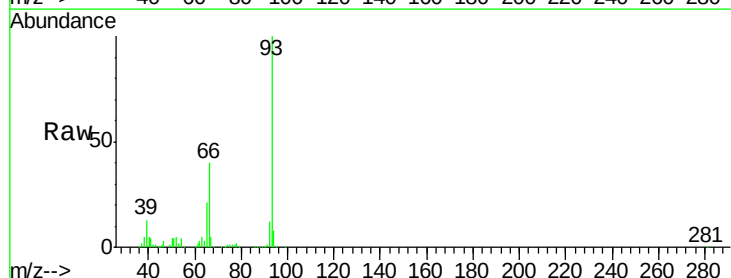
RT: 6.51 min Scan# 387

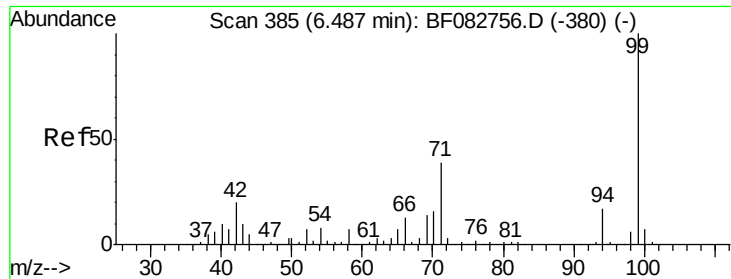
Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	40.5	33.6	50.4
65	21.0	18.1	27.1





#7

Phenol-d6

Concen: 74.07 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

Tot Ion: 99 Resp: 1037525

Ion Ratio Lower Upper

99 100

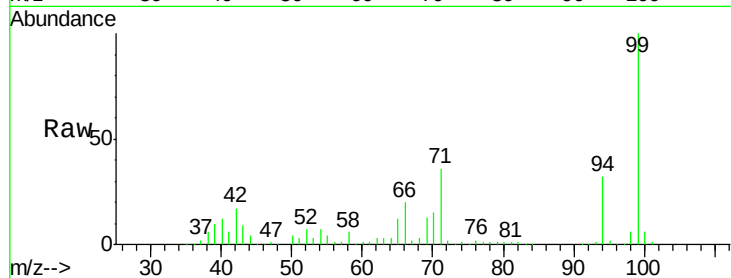
42 16.8 19.2 28.8#

71 35.7 35.0 52.4

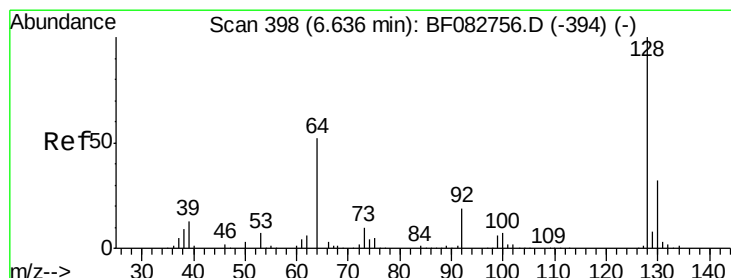
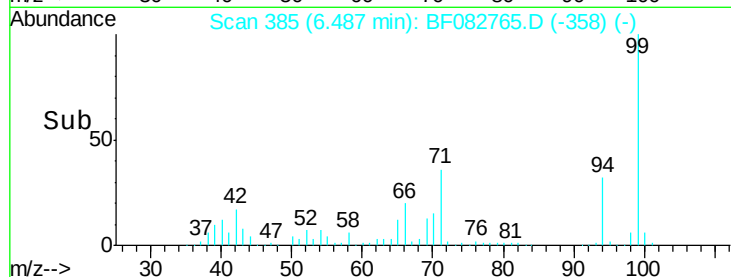
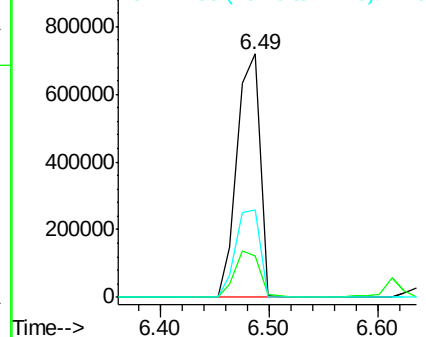
Manual Integrations
APPROVED

Mmdadoda

11/9/2015 2:10:18 PM



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



#8

2-Chlorophenol

Concen: 35.86 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

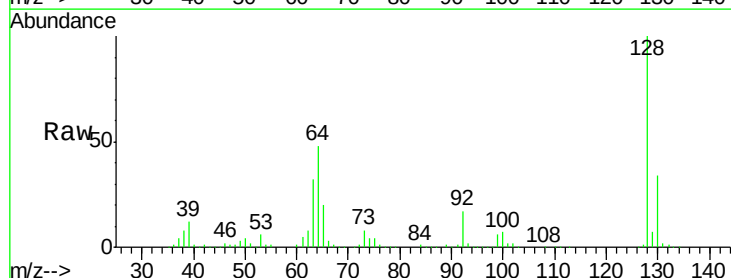
Tgt Ion: 128 Resp: 418880

Ion Ratio Lower Upper

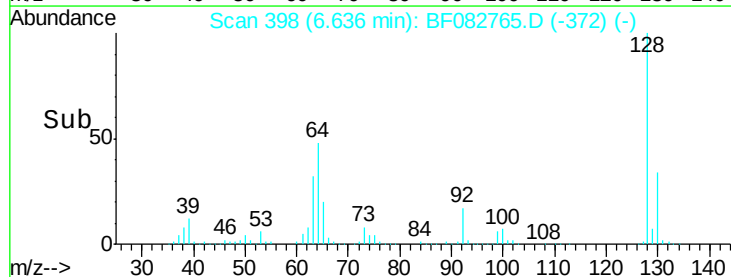
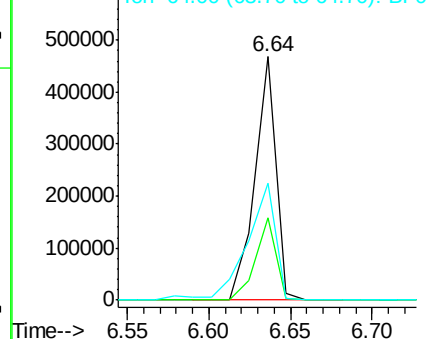
128 100

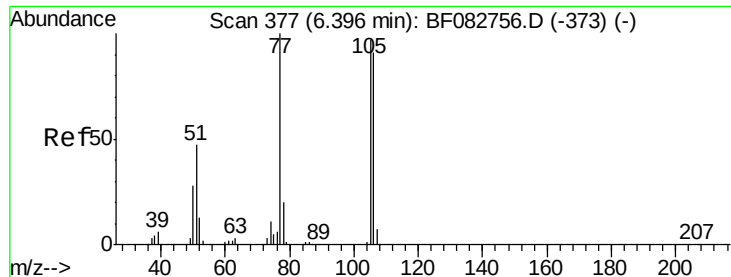
130 33.8 13.5 53.5

64 47.9 21.1 61.1



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





#9

Benzaldehyde

Concen: 5.99 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

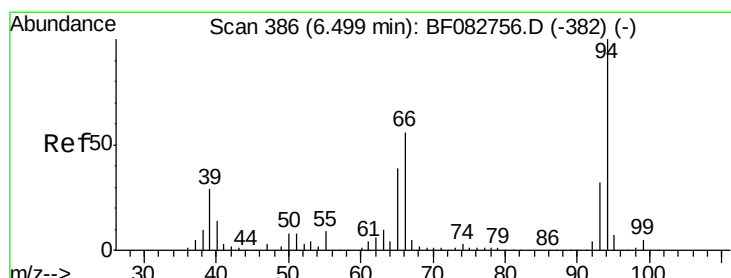
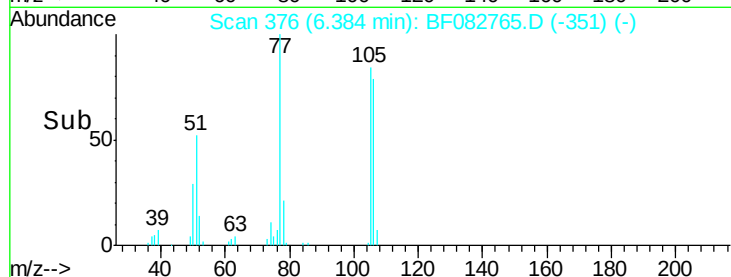
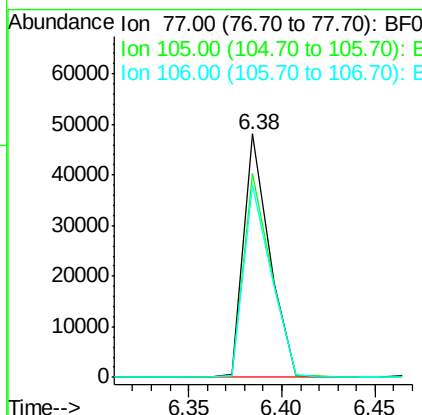
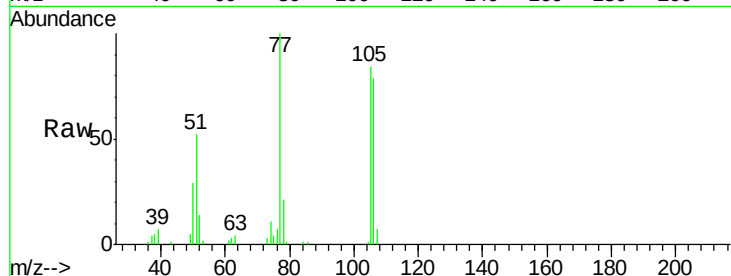
ClientSampleId :

PB86450BSD

Tot Ion:	77	Resp:	46377
Ion	Ratio	Lower	Upper
77	100		
105	83.8	63.5	103.5
106	79.2	59.3	99.3

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#10

Phenol

Concen: 37.46 ng

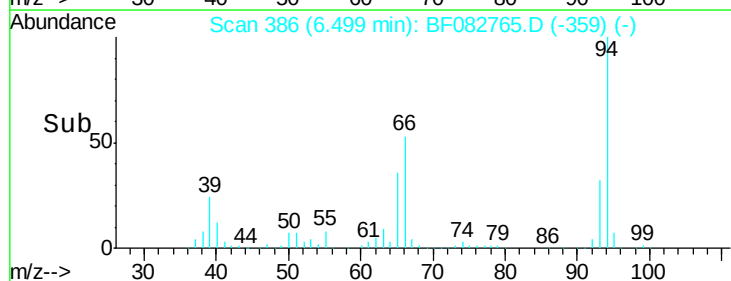
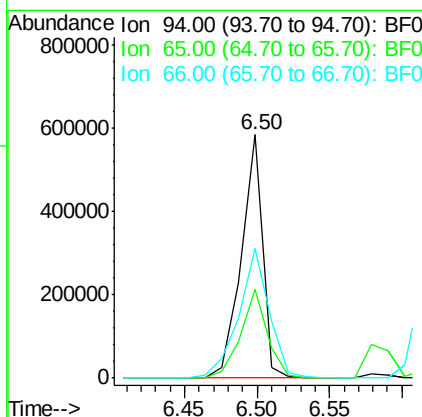
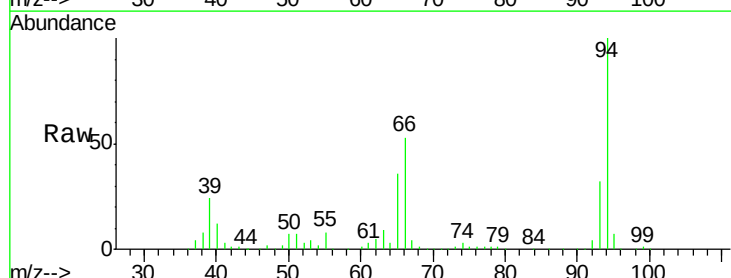
RT: 6.50 min Scan# 386

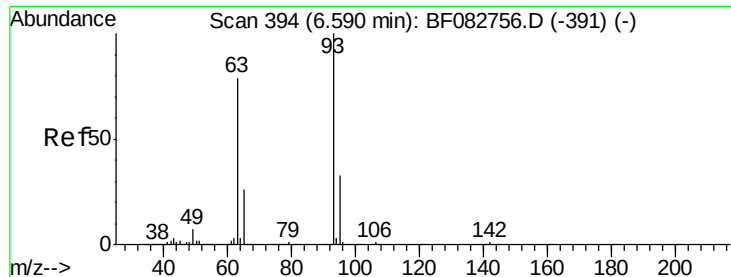
Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:	94	Resp:	595311
Ion	Ratio	Lower	Upper
94	100		
65	36.4	18.9	58.9
66	53.1	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 33.57 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

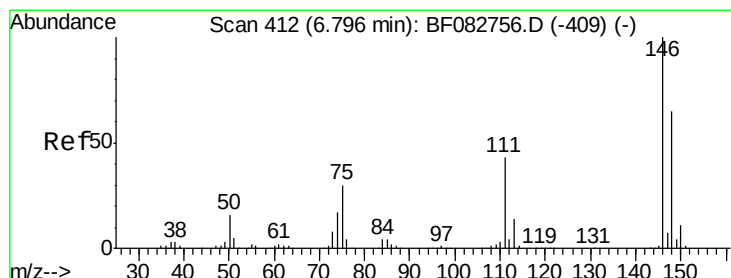
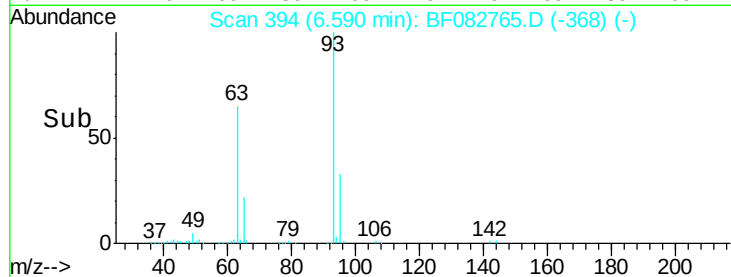
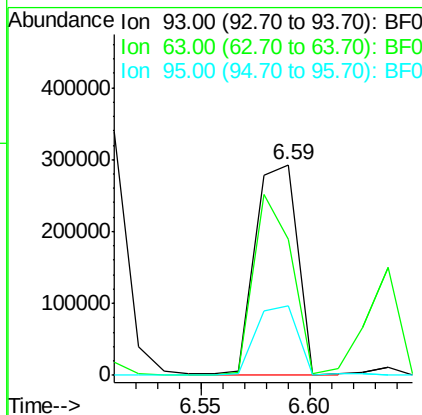
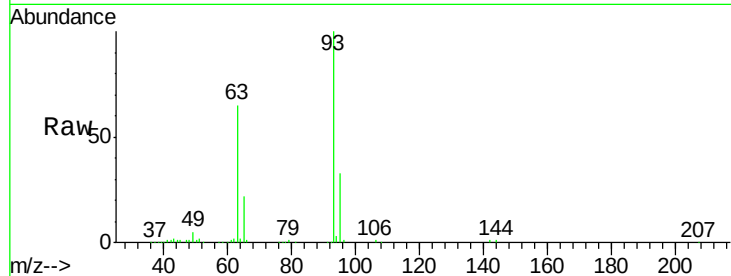
PB86450BSD

Tot Ion: 93 Resp: 399040

Ion	Ratio	Lower	Upper
93	100		
63	64.6	72.7	112.7#
95	32.9	12.0	52.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#12

1,3-Dichlorobenzene

Concen: 33.26 ng m

RT: 6.80 min Scan# 412

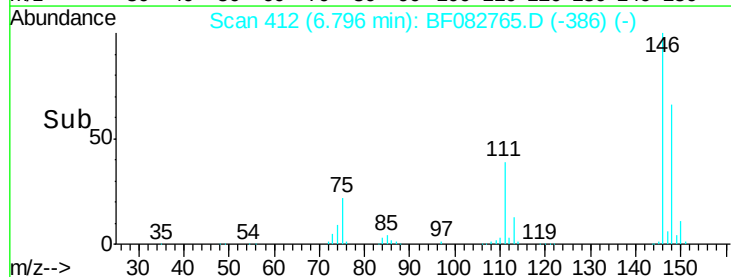
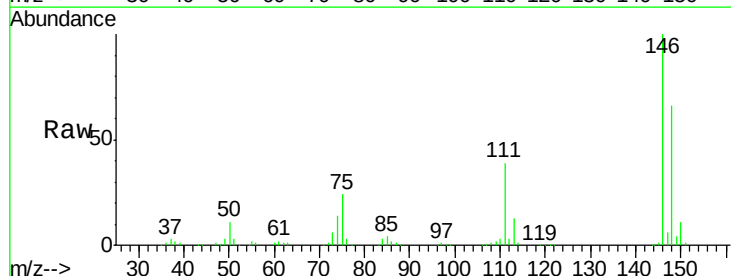
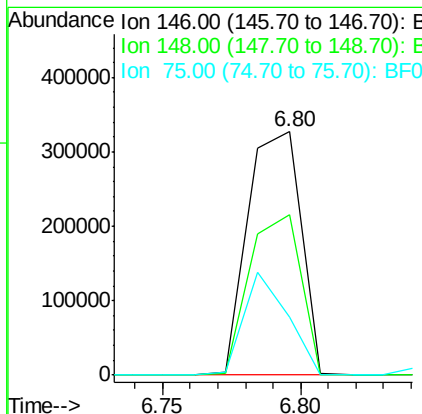
Delta R.T. 0.00 min

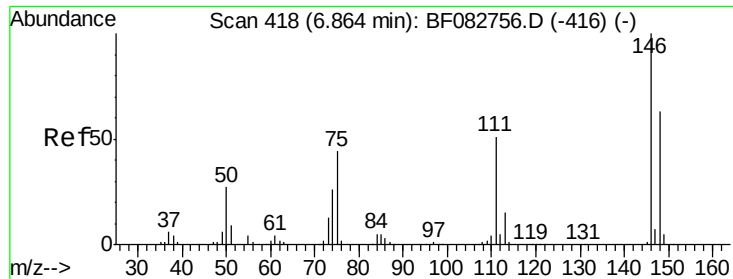
Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion: 146 Resp: 438106

Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.5	75.7
75	24.1	39.5	59.3#





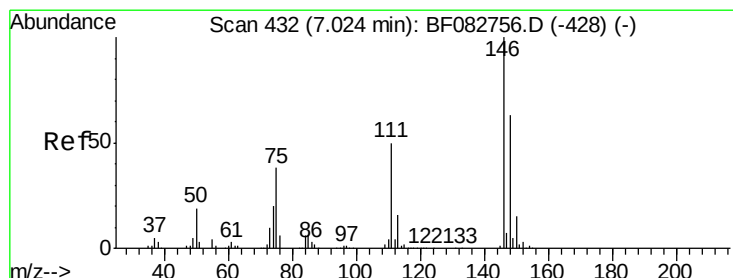
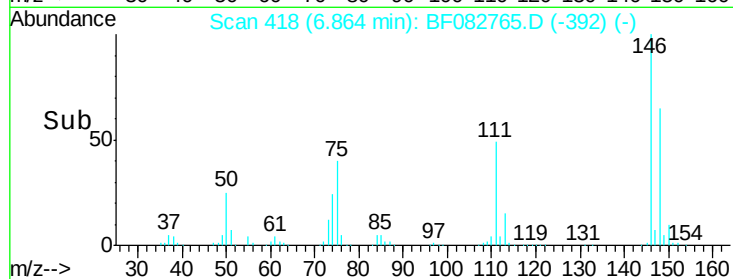
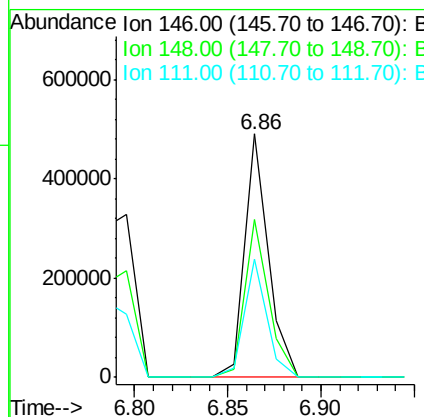
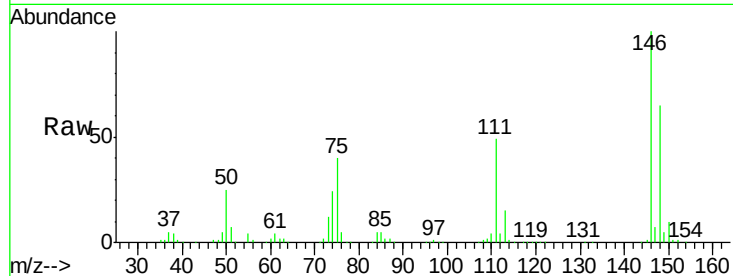
#13
 1,4-Dichlorobenzene
 Concen: 31.64 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	48.8	40.6	60.8

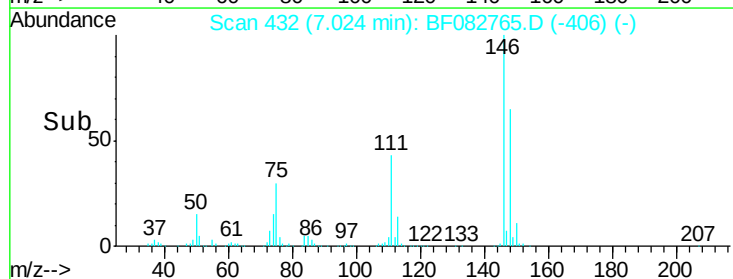
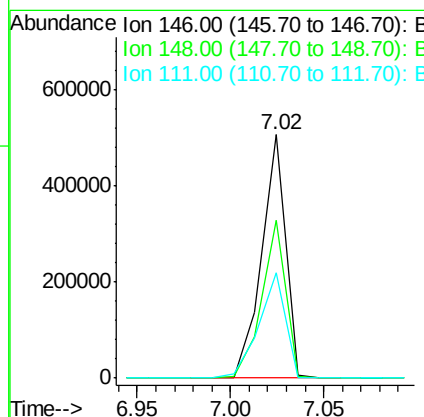
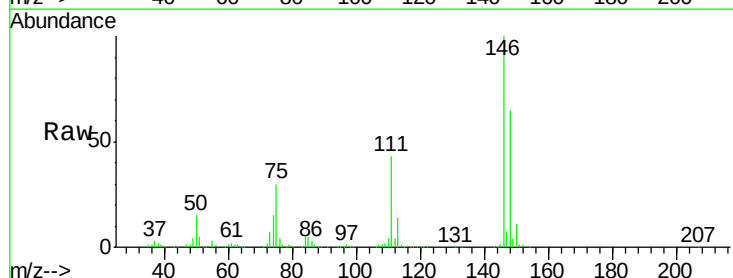
Manual Integrations
 APPROVED

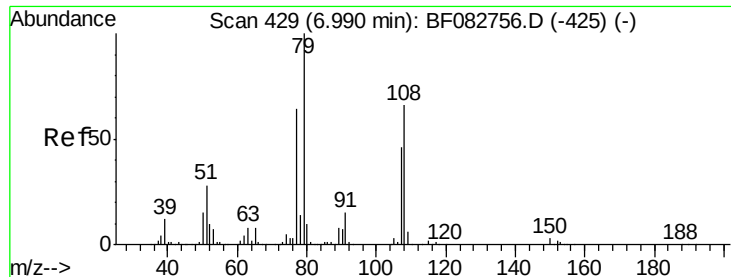
Mmdadoda
 11/9/2015 2:10:18 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.92 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
111	43.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 33.97 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

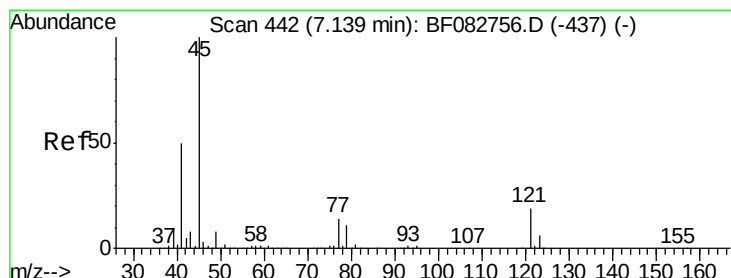
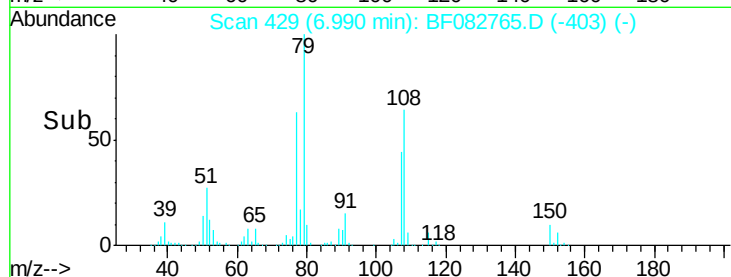
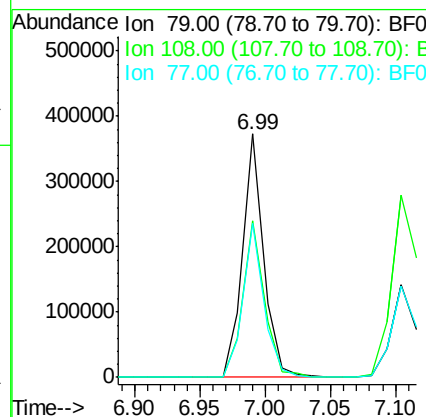
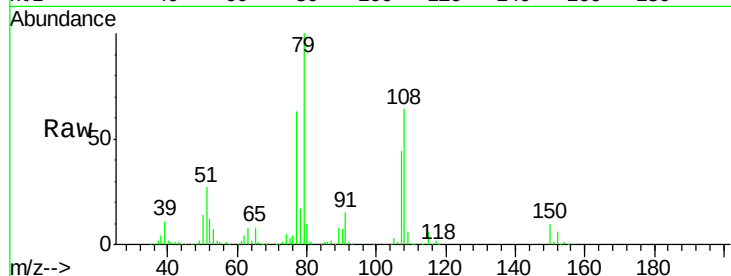
ClientSampleId :

PB86450BSD

Tot Ion:	79	Resp:	417931
Ion	Ratio	Lower	Upper
79	100		
108	64.3	52.2	78.4
77	63.3	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.09 ng

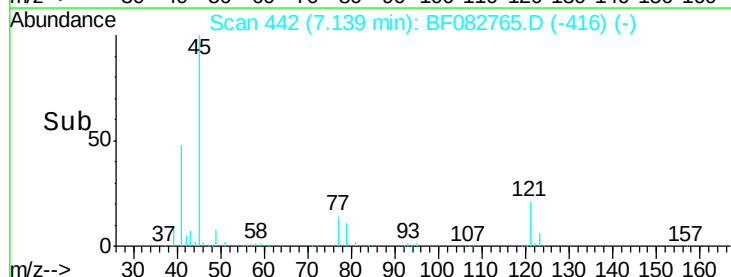
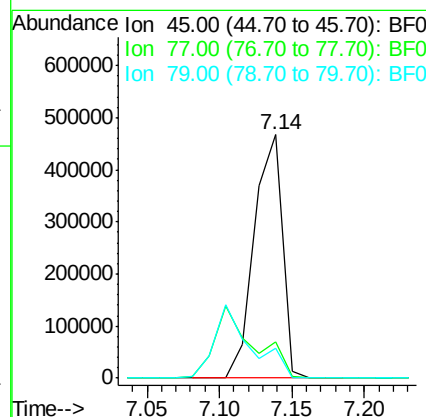
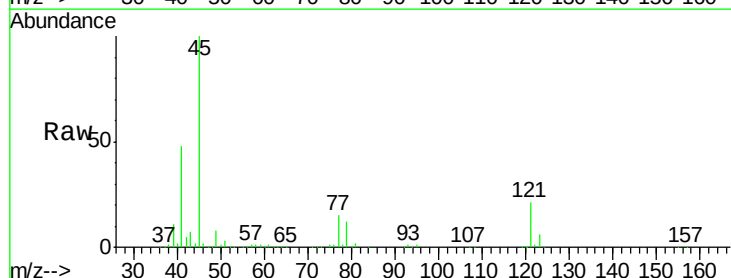
RT: 7.14 min Scan# 442

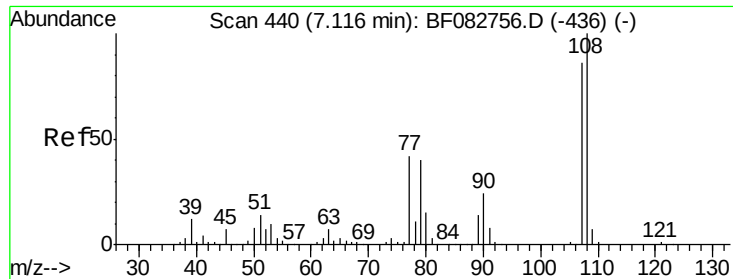
Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:	45	Resp:	629248
Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	32.6
79	12.1	0.0	29.2





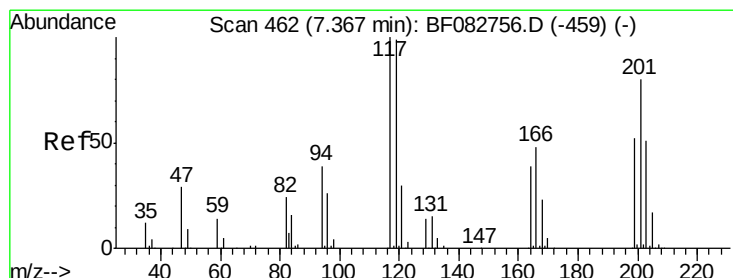
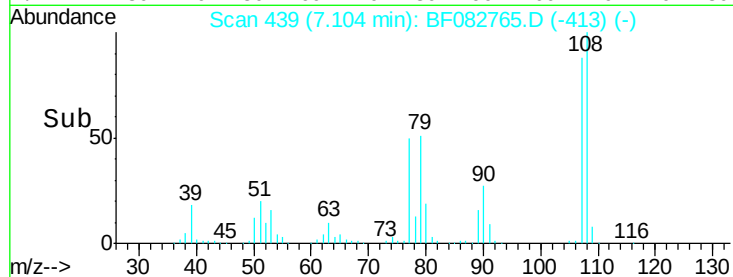
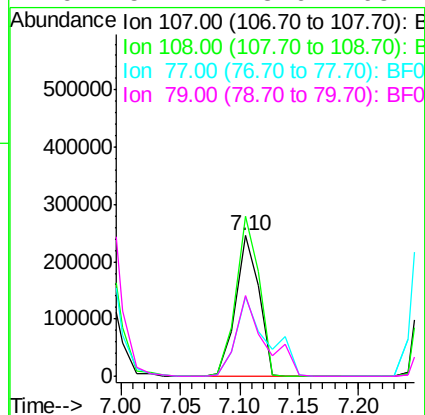
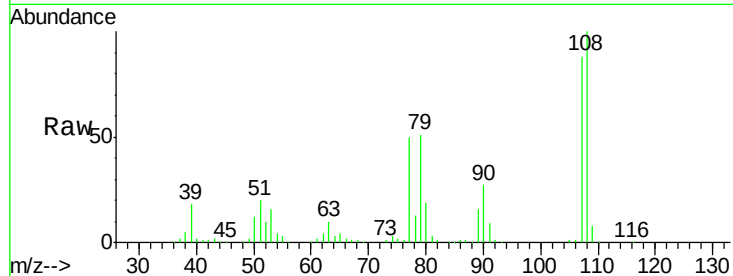
#17
2-Methylphenol
Concen: 33.96 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampled :
PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	93.0	139.4	
77	56.8	44.1	66.1	
79	57.7	43.6	65.4	

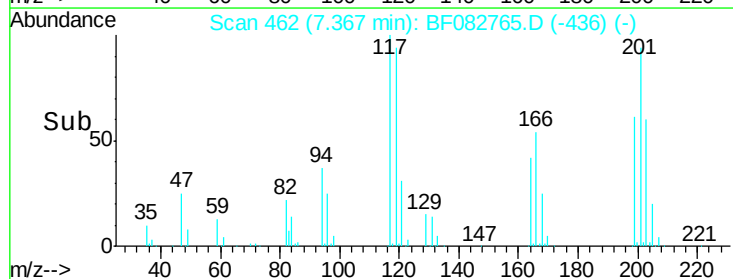
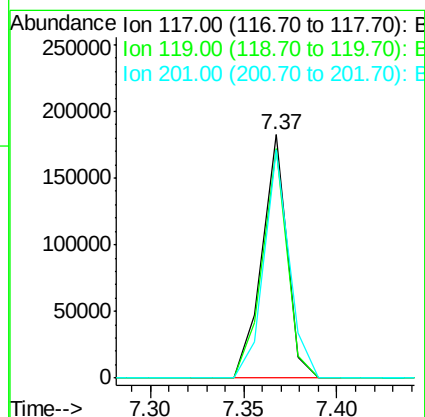
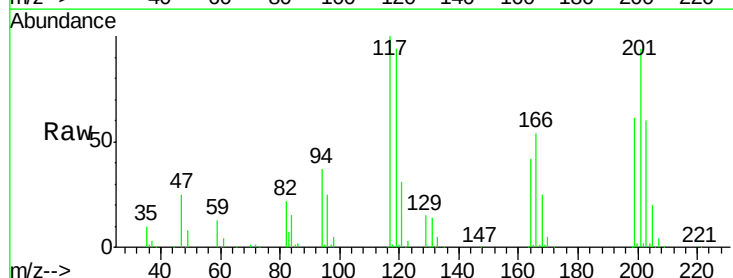
Manual Integrations
APPROVED

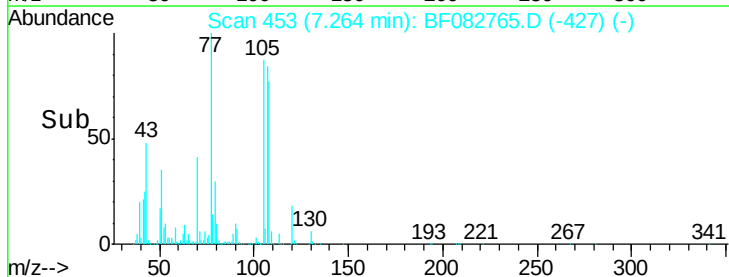
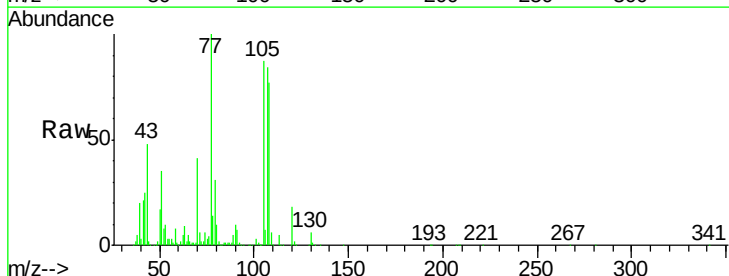
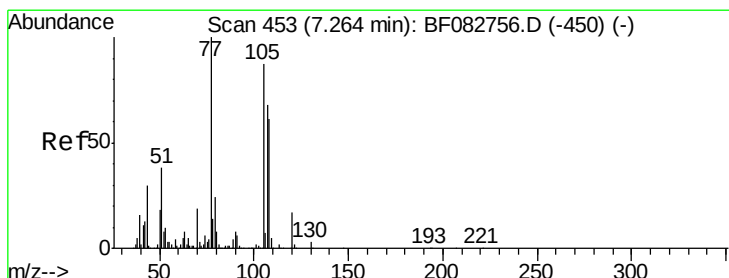
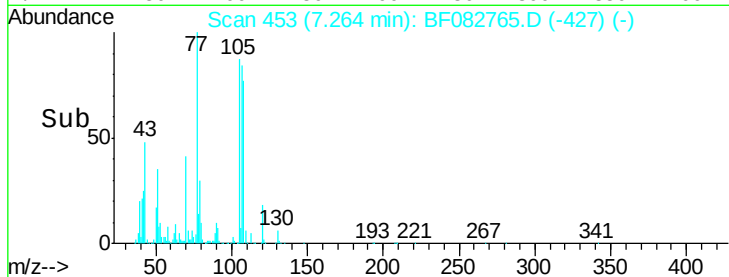
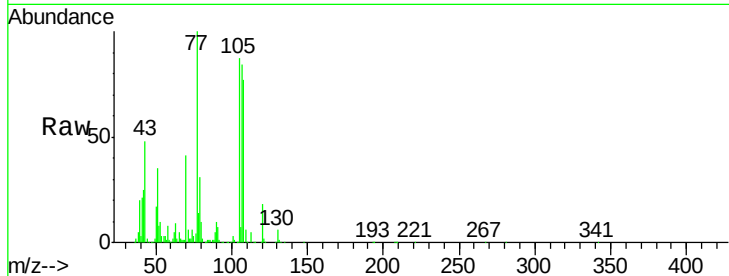
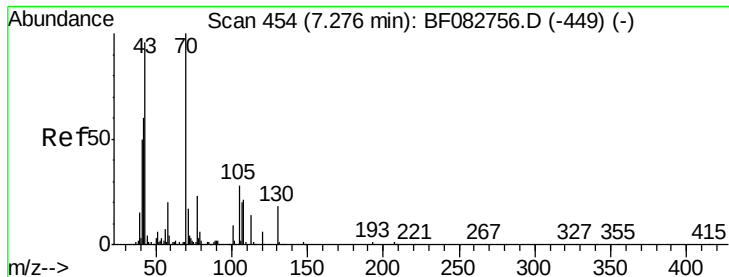
Mmdadoda
11/9/2015 2:10:18 PM



#18
Hexachloroethane
Concen: 34.42 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	77.7	116.5	
201	93.8	66.7	100.1	





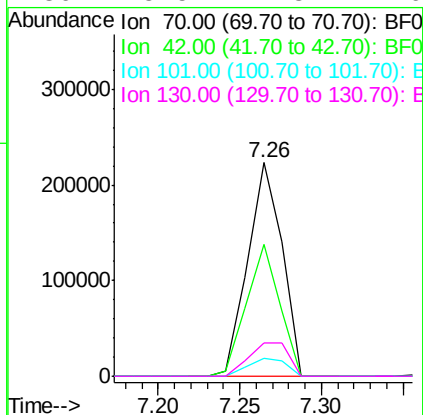
#19
n-Nitroso-di-n-propylamine
Concen: 31.45 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.0	57.7	86.5	
101	8.4	7.0	10.6	
130	15.5	11.8	17.6	

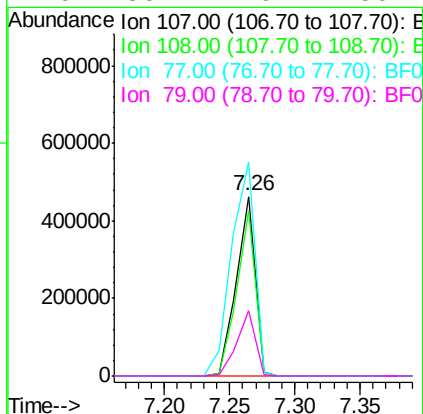
Manual Integrations
APPROVED

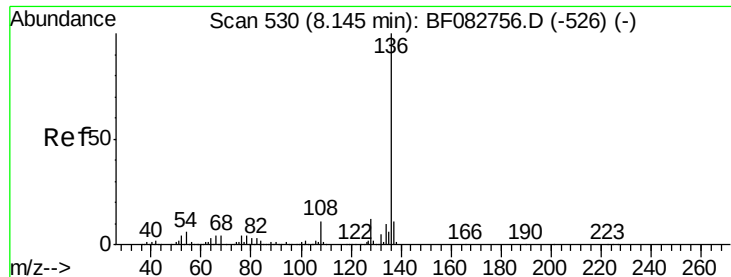
Mmdadoda
11/9/2015 2:10:18 PM



#20
3+4-Methylphenols
Concen: 36.00 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	67.3	107.3	
77	118.9	100.3	140.3	
79	36.4	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

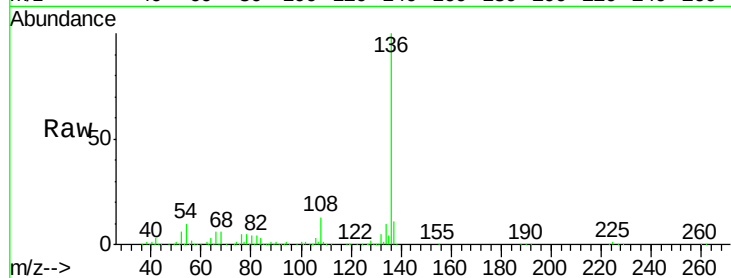
ClientSampleId :

PB86450BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		610303		
137	11.0		9.1	13.7	
54	9.6		9.1	13.7	
68	6.0		4.8	7.2	

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



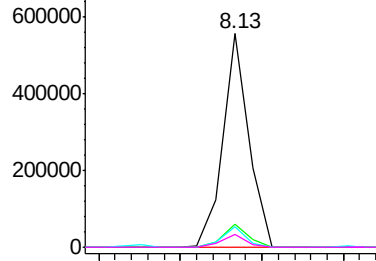
Abundance

Ion 136.00 (135.70 to 136.70): E

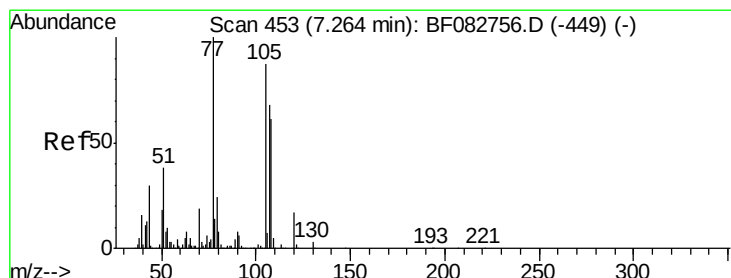
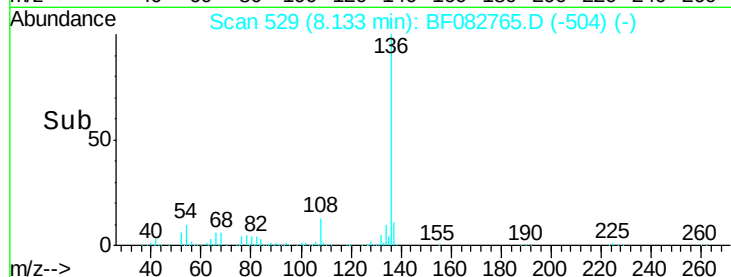
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.24 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		616308		
71	7.4		5.6	8.4	
51	40.1		24.9	37.3#	
120	20.8		15.8	23.8	

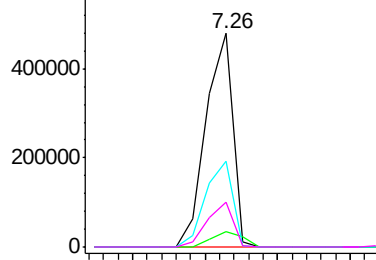
Abundance

Ion 105.00 (104.70 to 105.70): E

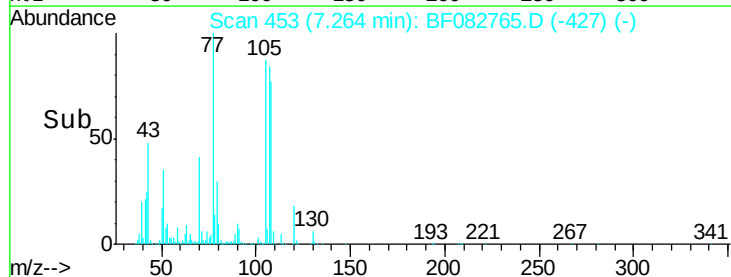
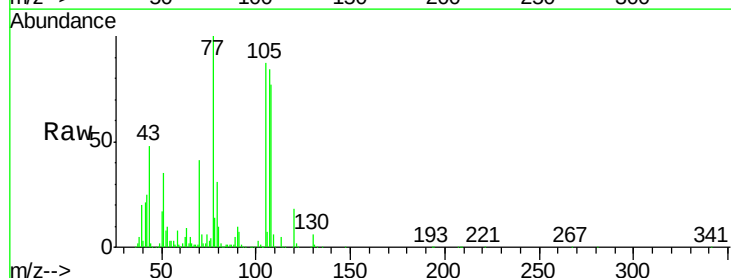
Ion 71.00 (70.70 to 71.70): BF0

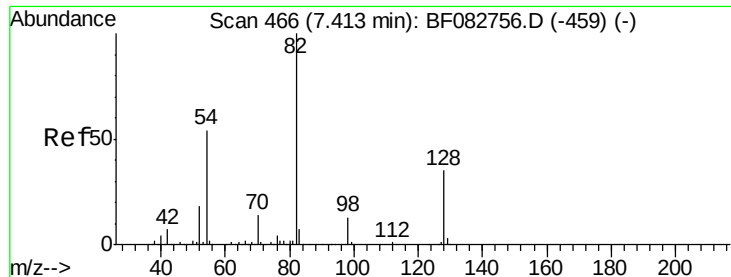
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





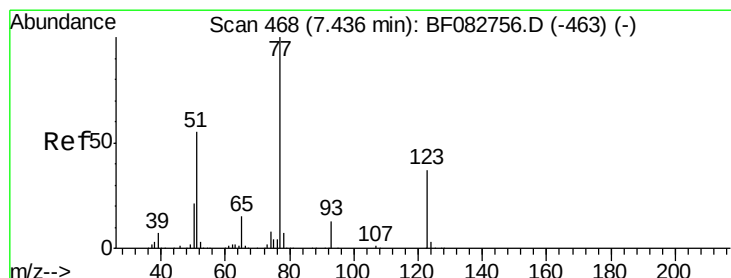
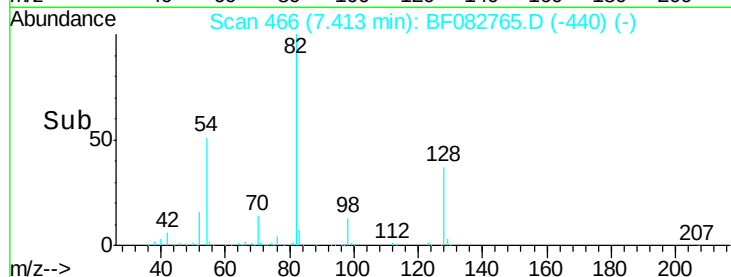
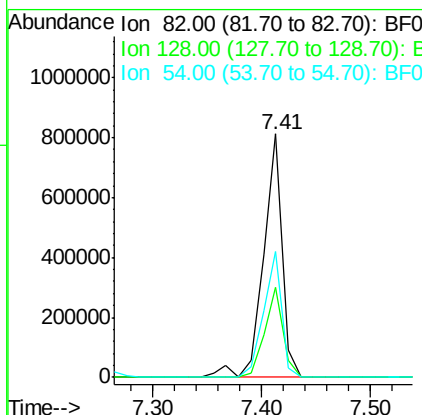
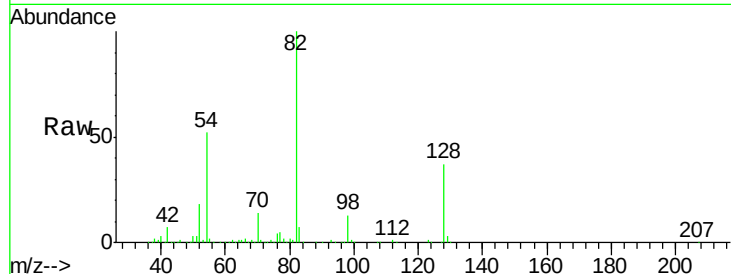
#23
 Nitrobenzene-d5
 Concen: 69.94 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.1	26.8	40.2	
54	51.7	45.7	68.5	

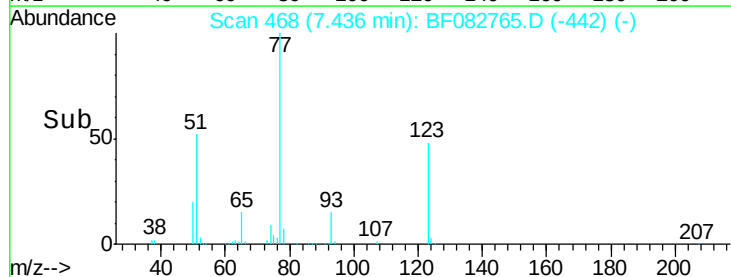
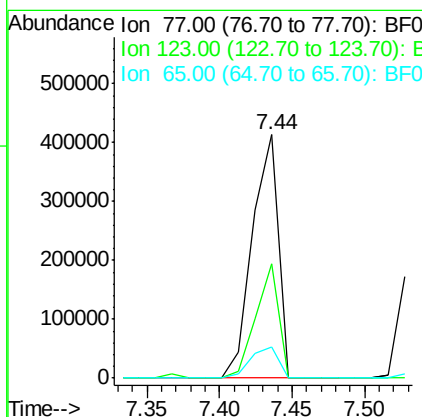
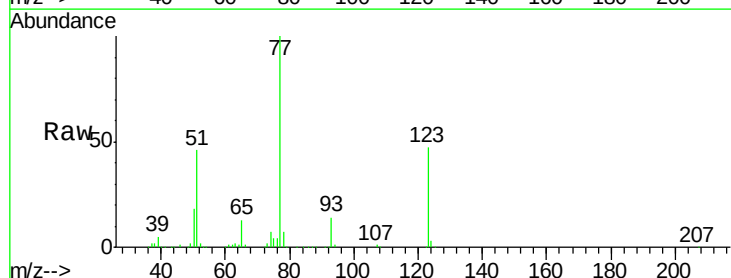
Manual Integrations
 APPROVED

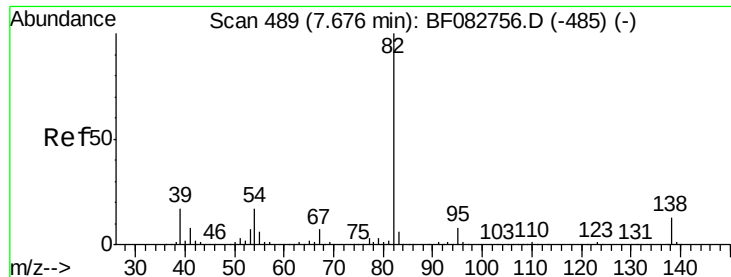
Mmdadoda
 11/9/2015 2:10:18 PM



#24
 Nitrobenzene
 Concen: 35.76 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.9	36.4	54.6	
65	12.8	11.5	17.3	





#25

Isophorone

Concen: 33.72 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

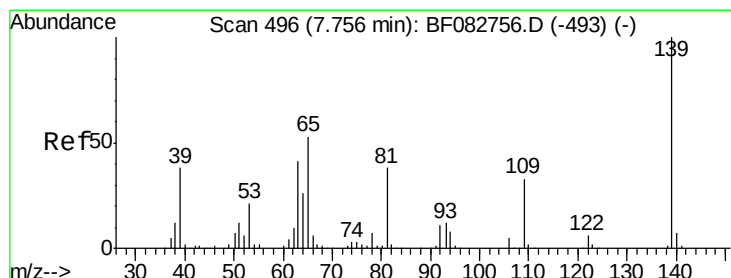
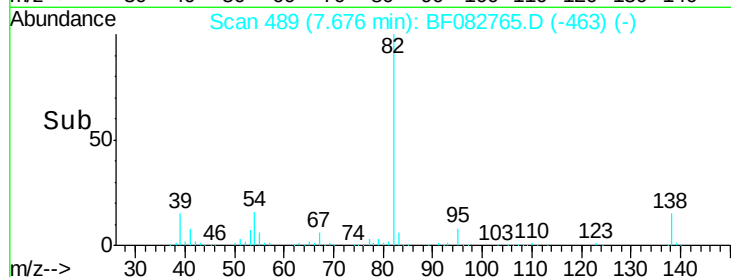
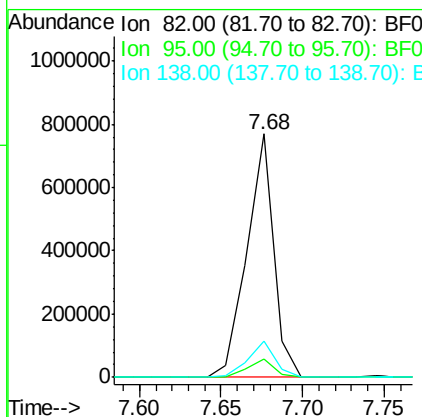
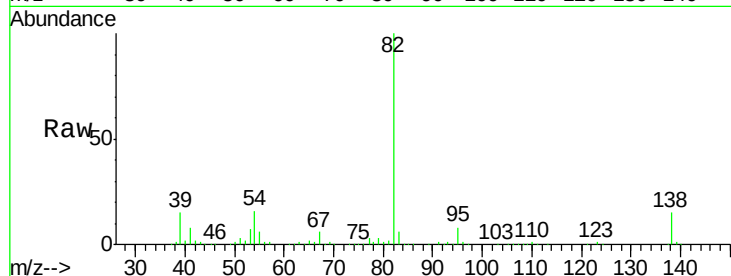
ClientSampleId :

PB86450BSD

Tot Ion:	82	Resp:	875013
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	9.8
138	14.8	11.4	17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#26

2-Nitrophenol

Concen: 33.90 ng

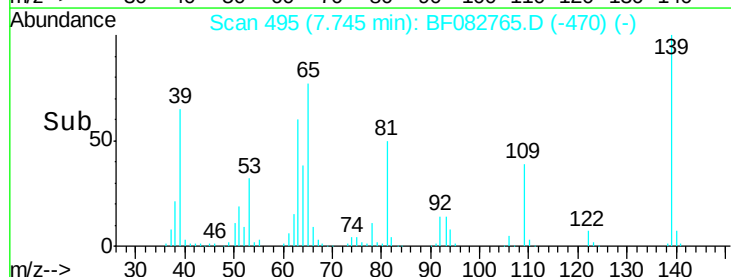
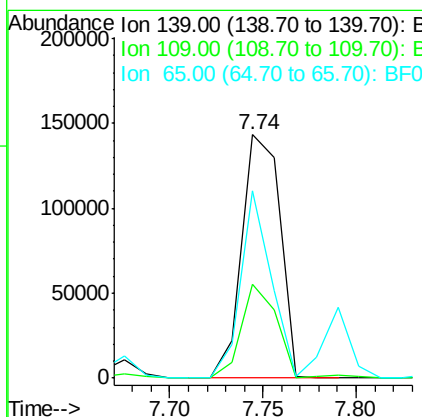
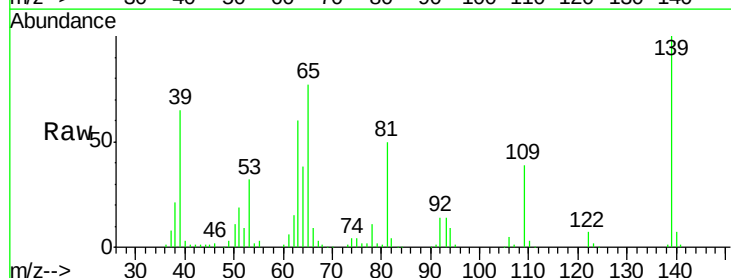
RT: 7.74 min Scan# 495

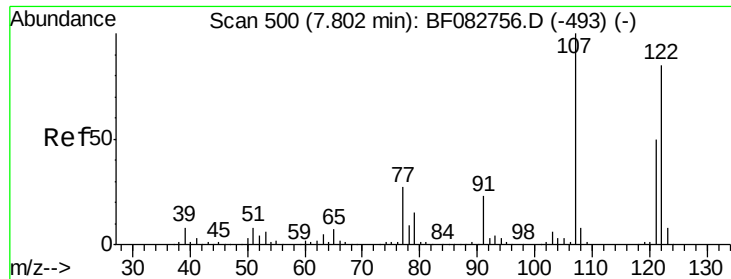
Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:	139	Resp:	202986
Ion Ratio	Lower	Upper	
139	100		
109	38.6	37.6	56.4
65	76.7	70.6	105.8





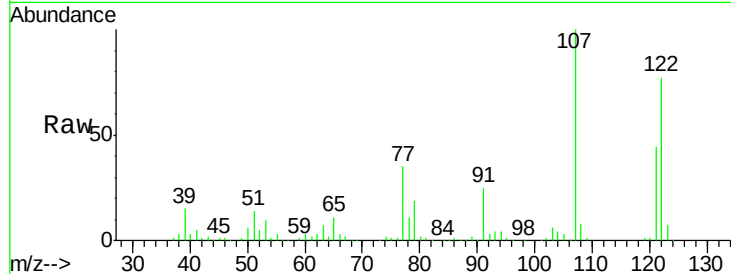
#27
 2,4-Dimethylphenol
 Concen: 33.75 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

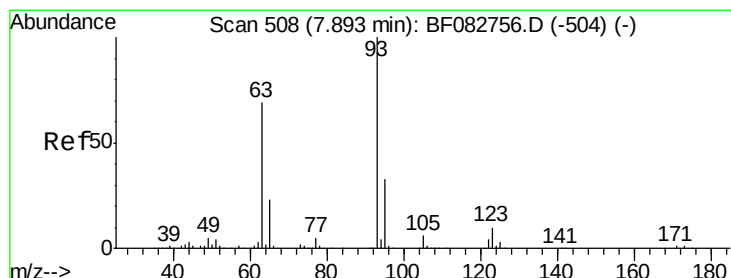
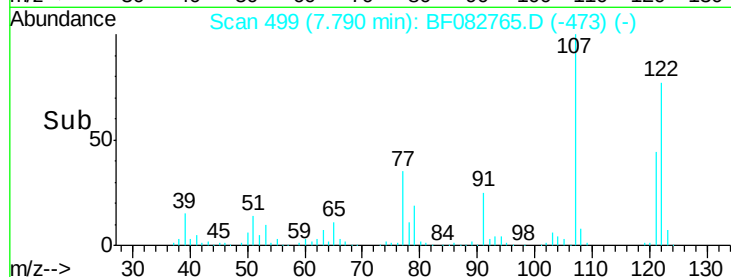
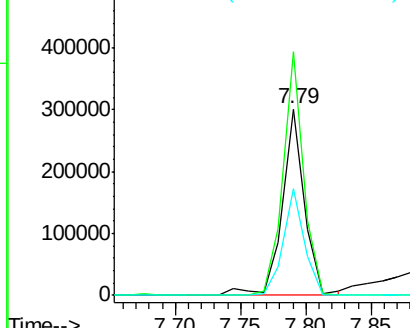
Tot Ion	Ratio	Resp	Lower	Upper
122	100	363026		
107	130.6	106.0	159.0	
121	57.3	46.7	70.1	

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:18 PM

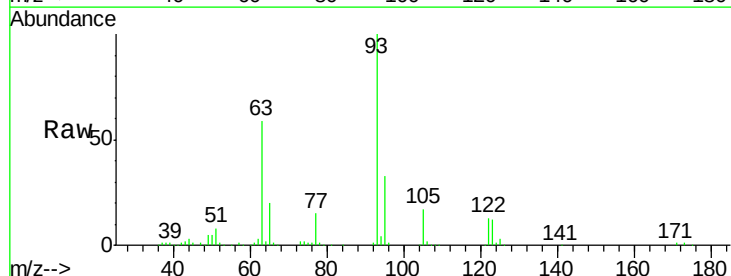


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

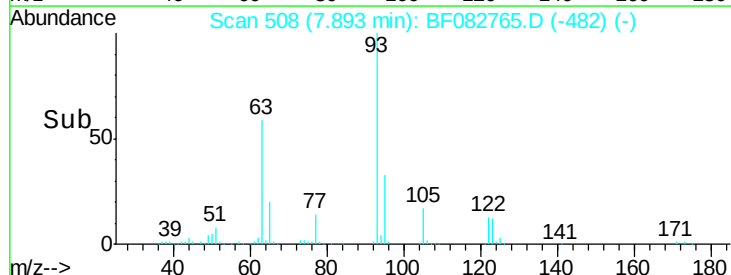
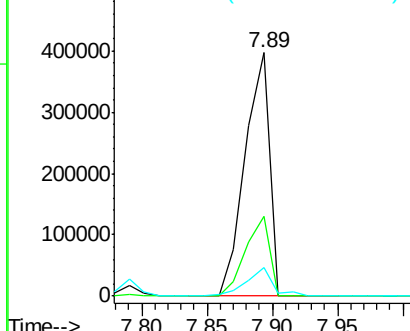


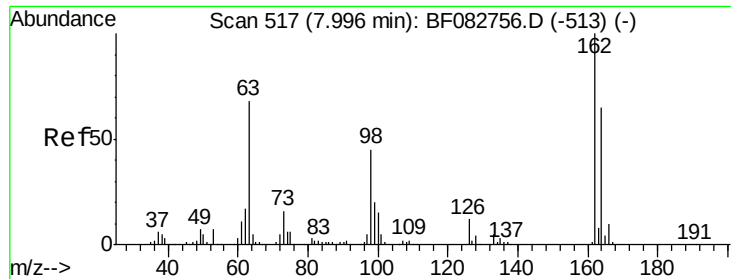
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.37 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	517788		
95	32.9	26.6	40.0	
123	11.8	9.7	14.5	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





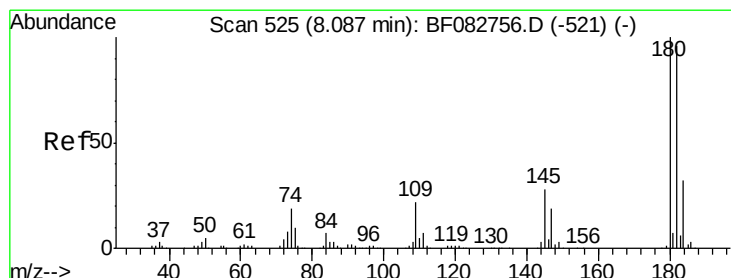
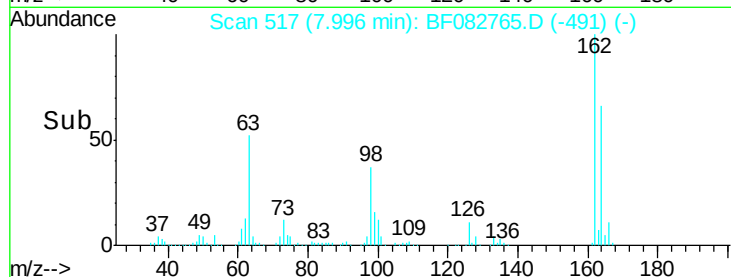
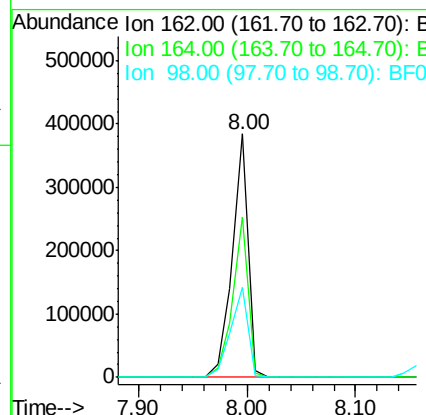
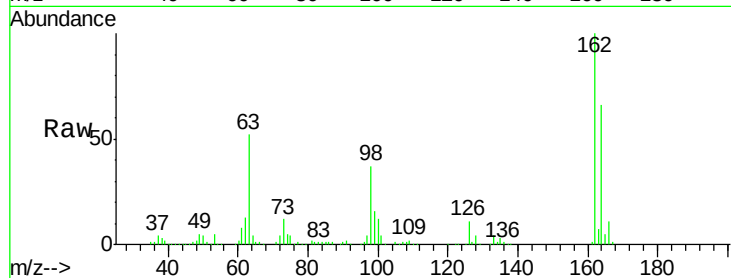
#29
2,4-Dichlorophenol
Concen: 39.35 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.1	46.8	86.8
98	37.1	12.5	52.5

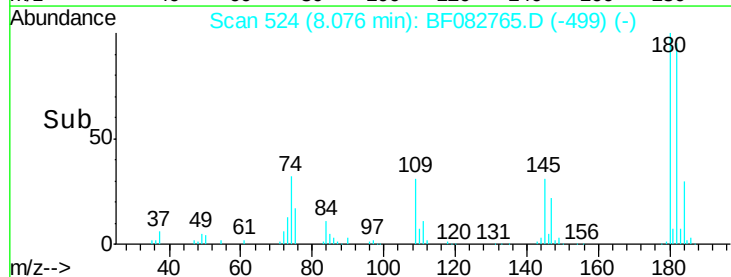
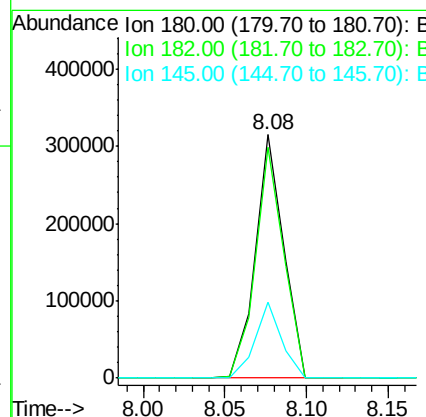
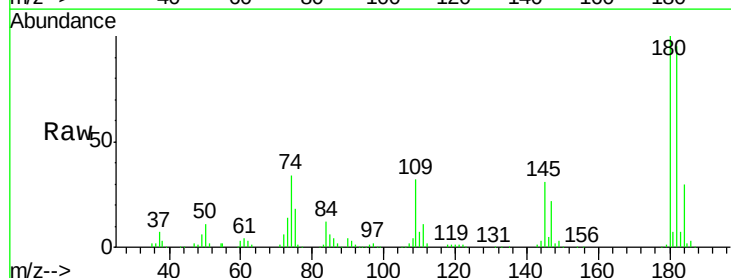
Manual Integrations
APPROVED

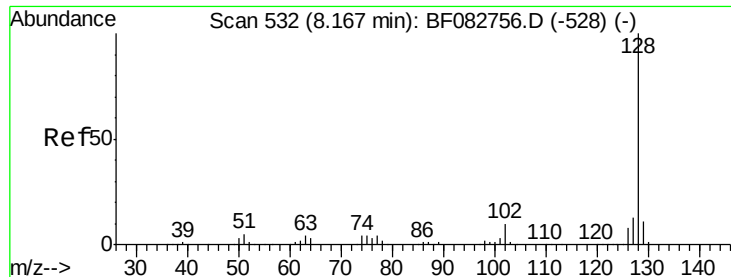
Mmdadoda
11/9/2015 2:10:18 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.54 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	74.9	112.3
145	31.4	27.8	41.8





#31

Naphthalene

Concen: 32.86 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

Tot Ion:128 Resp: 1106603

Ion Ratio Lower Upper

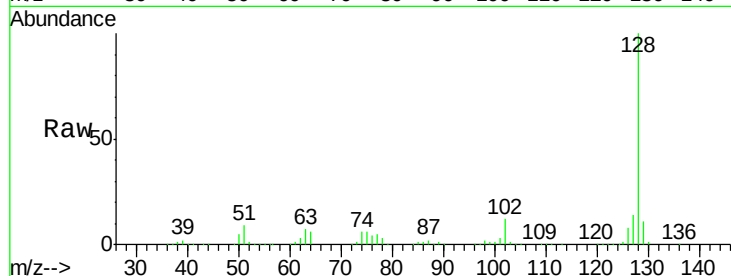
128 100

129 11.5 9.5 14.3

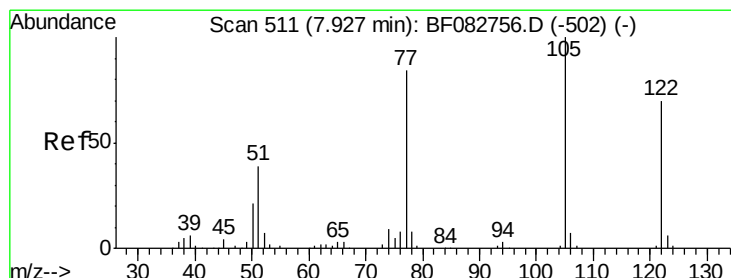
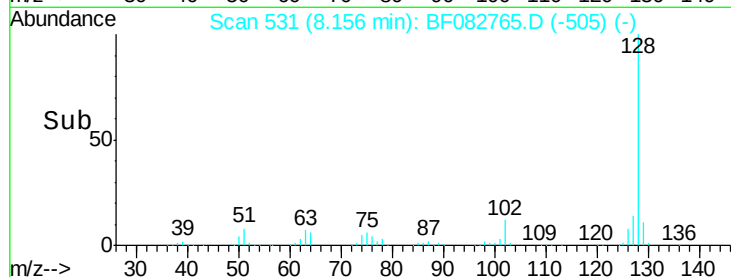
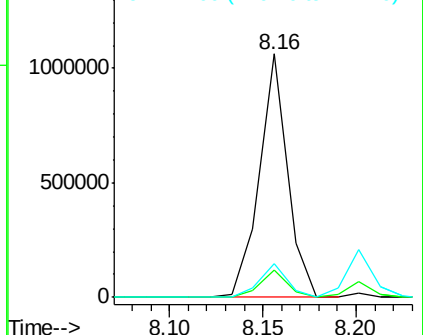
127 13.7 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.71 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

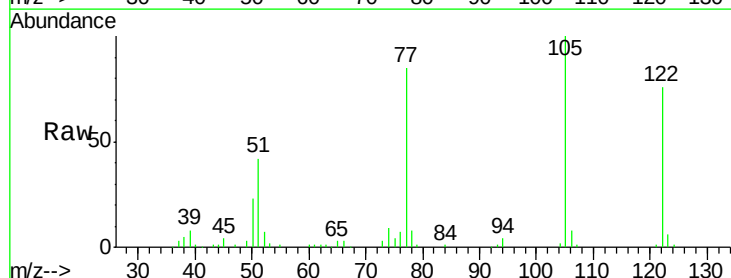
Tgt Ion:122 Resp: 233575

Ion Ratio Lower Upper

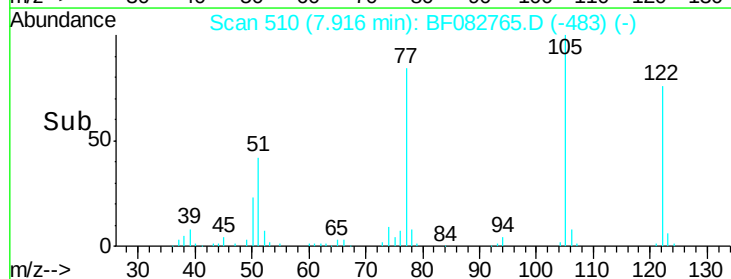
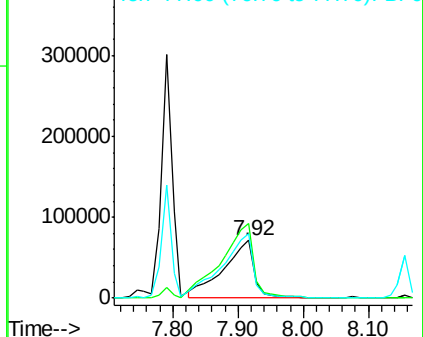
122 100

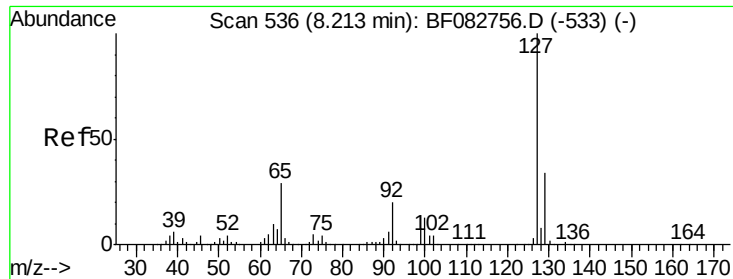
105 130.9 122.6 162.6

77 111.8 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





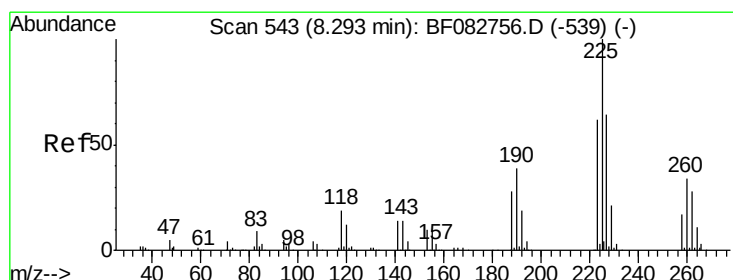
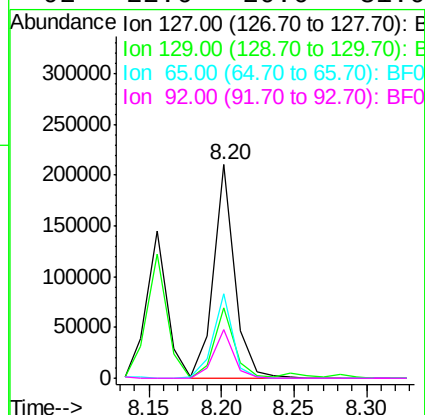
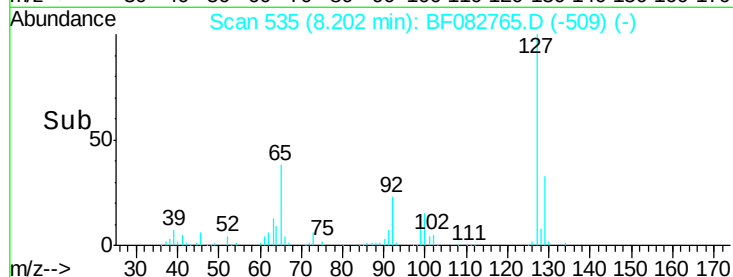
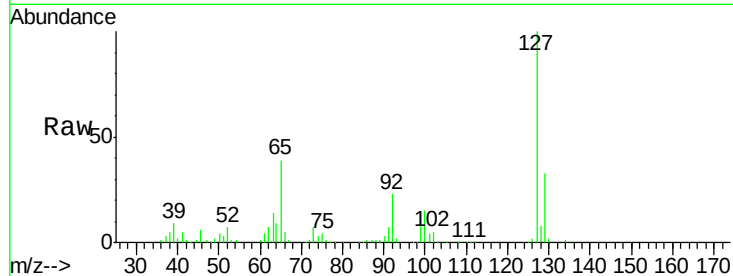
#33
4-Chloroaniline
Concen: 14.65 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
212631	127	100			
	129	32.7	26.3	39.5	
	65	39.3	37.8	56.8	
	92	22.6	20.6	31.0	

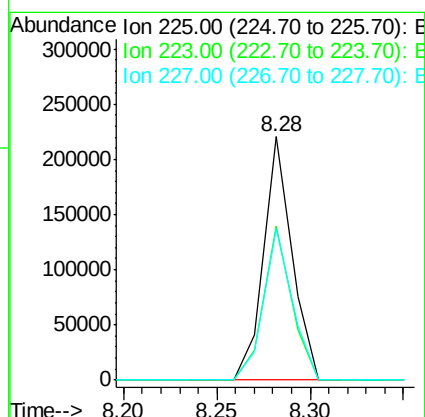
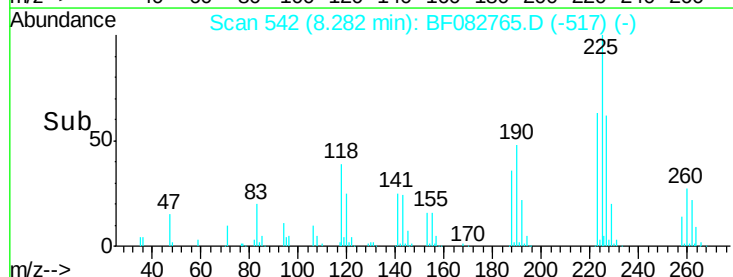
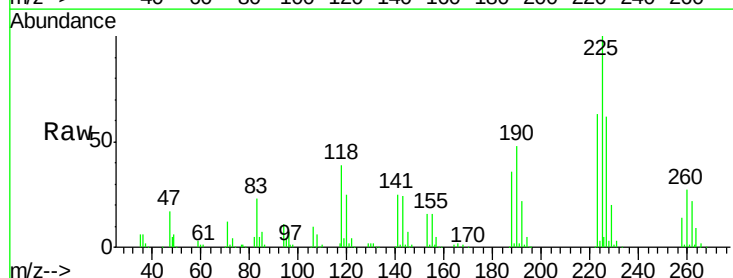
Manual Integrations
APPROVED

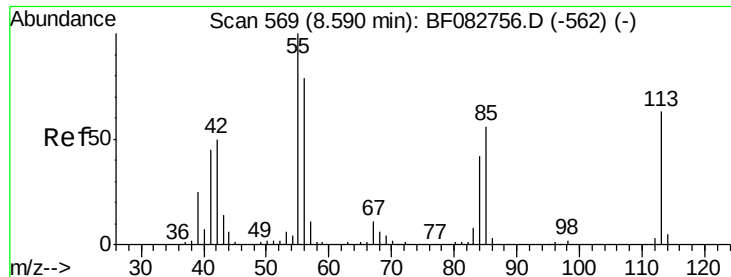
Mmdadoda
11/9/2015 2:10:18 PM



#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232195	225	100			
	223	63.3	50.5	75.7	
	227	62.0	50.2	75.2	





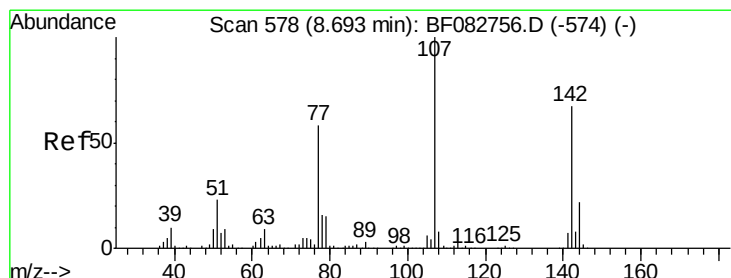
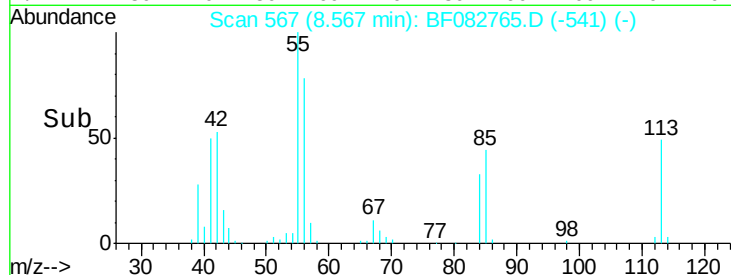
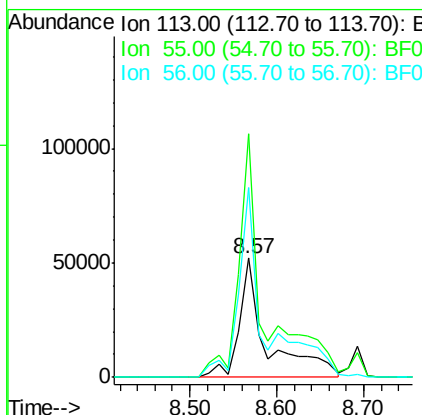
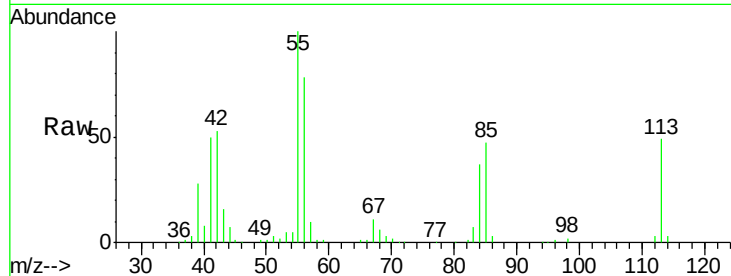
#35
 Caprolactam
 Concen: 36.90 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.5	195.5	235.5
56	159.0	153.5	193.5

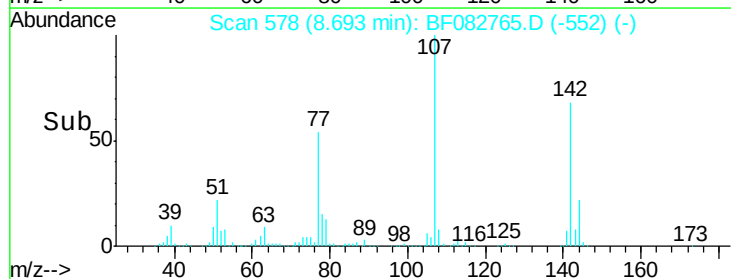
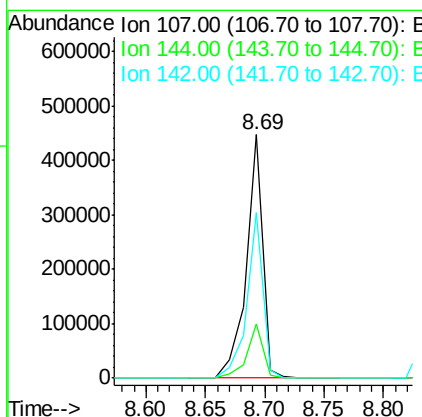
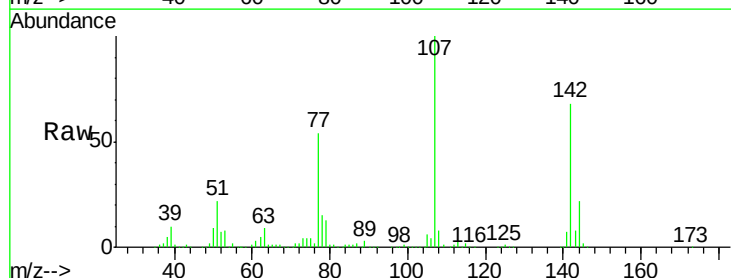
Manual Integrations
 APPROVED

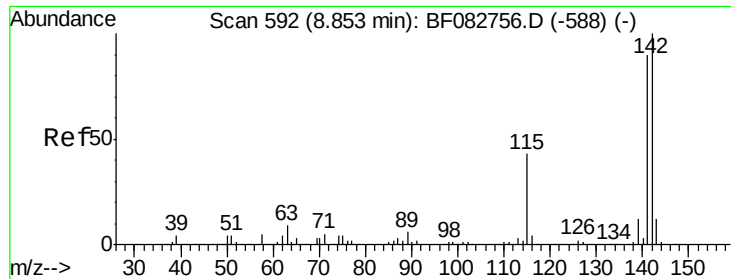
Mmdadoda
 11/9/2015 2:10:18 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.85 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	15.4	23.0
142	68.2	47.8	71.8





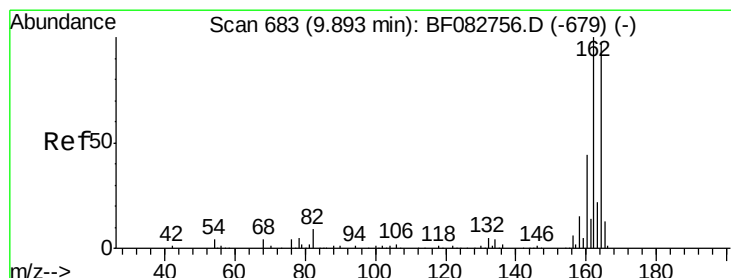
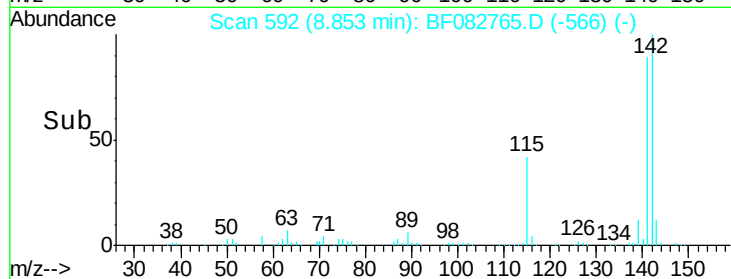
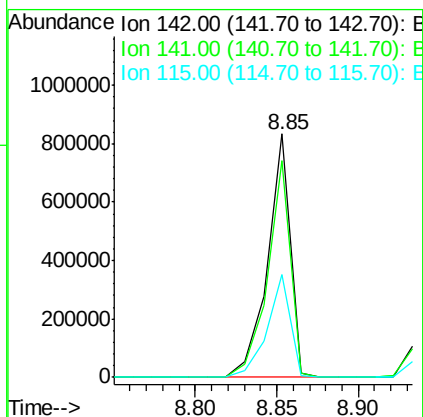
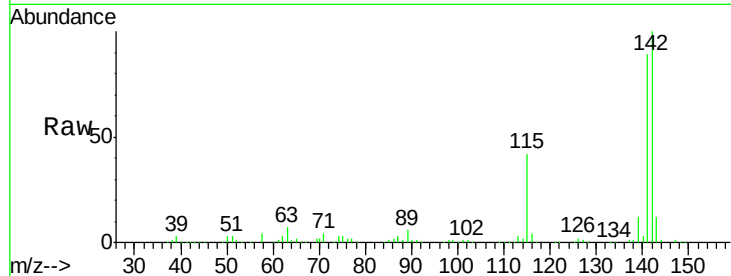
#37
 2-Methylnaphthalene
 Concen: 37.16 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	42.4	38.1	57.1

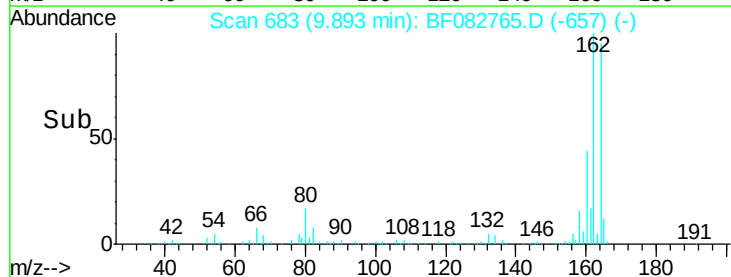
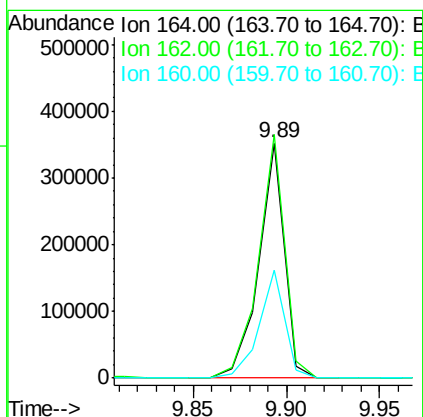
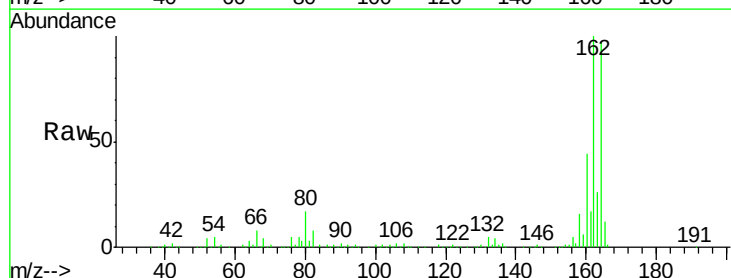
Manual Integrations
 APPROVED

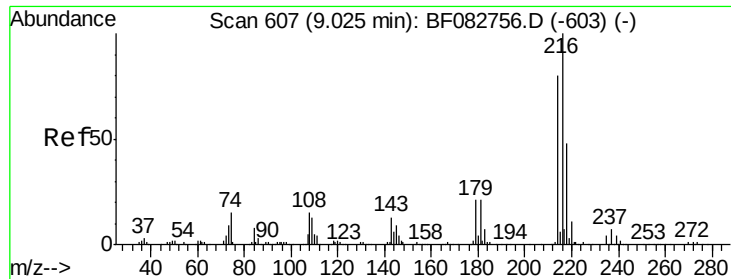
Mmdadoda
 11/9/2015 2:10:18 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.9	127.3
160	45.8	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.21 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082765.D

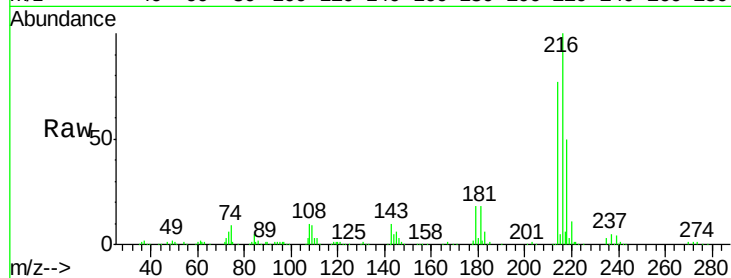
Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

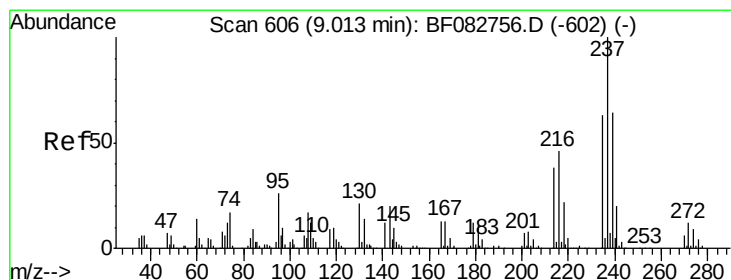
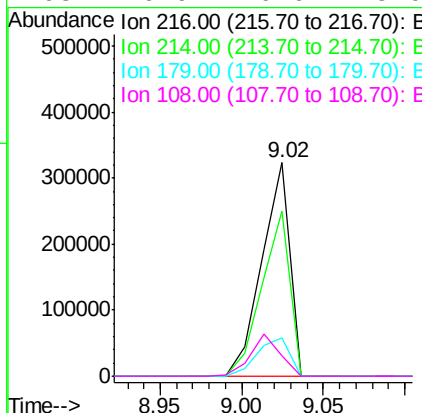
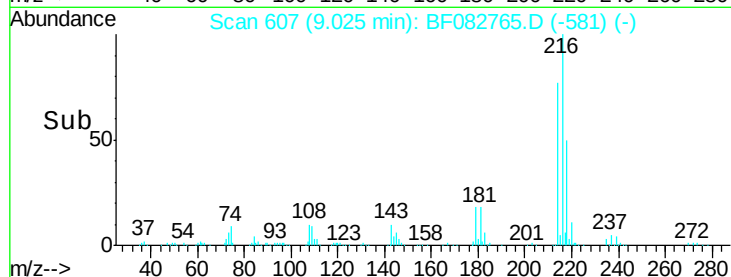
PB86450BSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.6	62.2	93.2		
179	20.8	18.1	27.1		
108	20.9	16.6	25.0		

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#40

Hexachlorocyclopentadiene

Concen: 83.47 ng

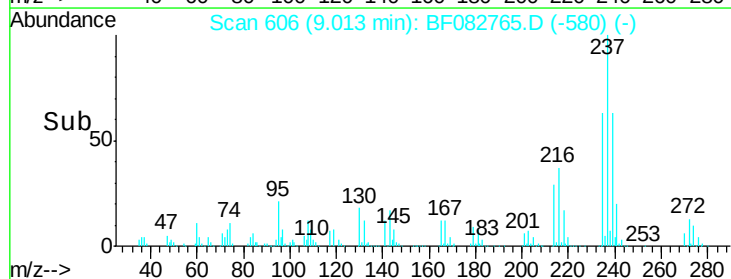
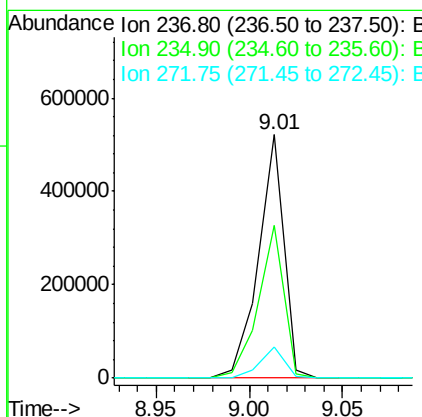
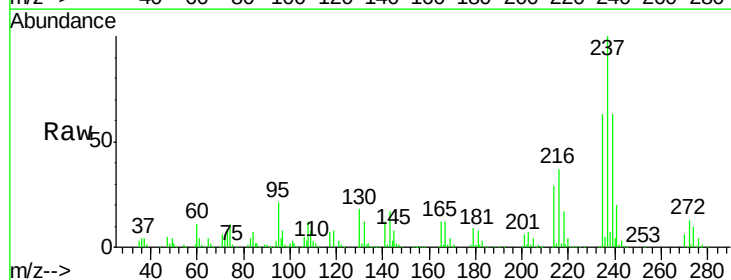
RT: 9.01 min Scan# 606

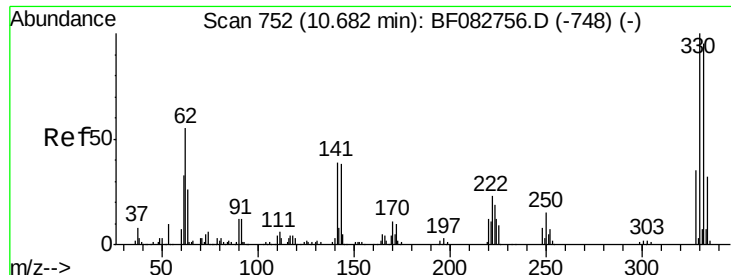
Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9	44.3	84.3		
272	12.7	0.0	31.9		





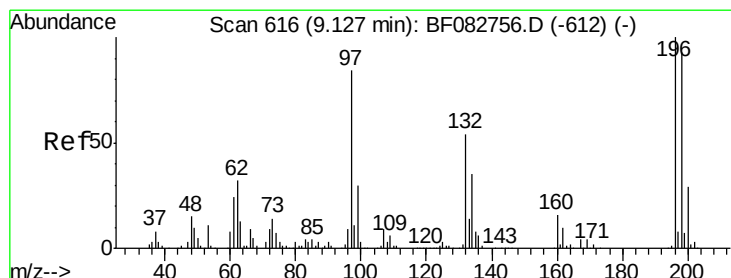
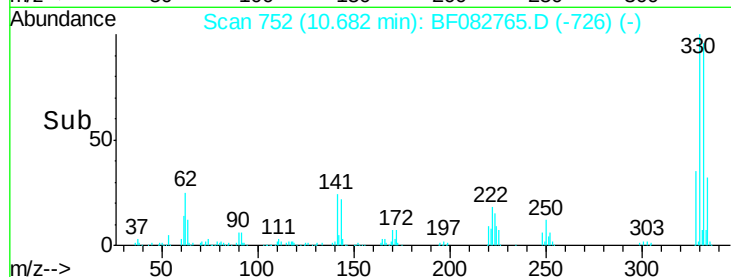
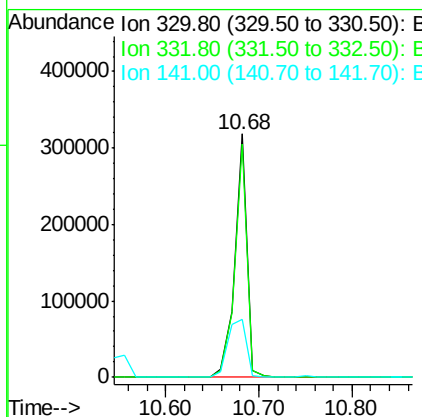
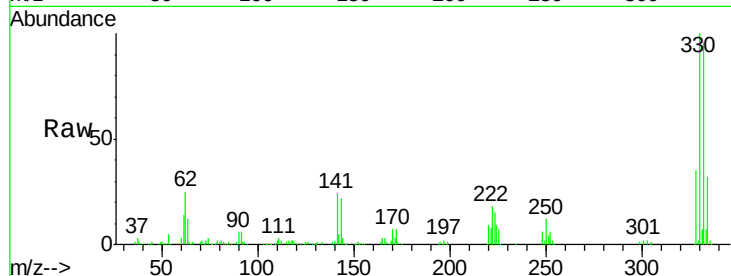
#41
 2,4,6-Tribromophenol
 Concen: 76.89 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293592		
332	96.3	76.6	114.8	
141	36.1	41.2	61.8#	

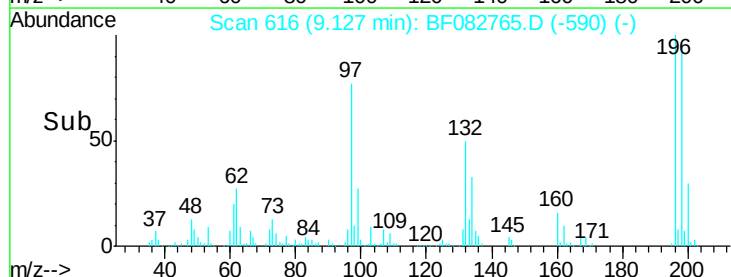
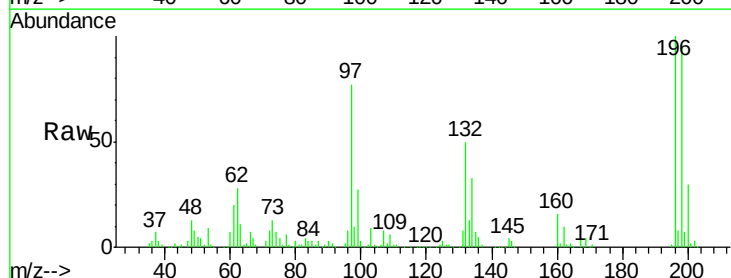
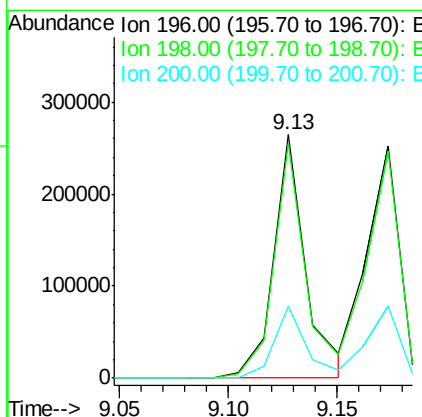
Manual Integrations
 APPROVED

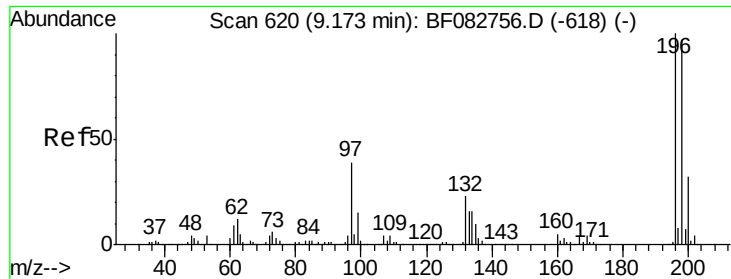
Mmdadoda
 11/9/2015 2:10:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.50 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273639		
198	96.2	76.3	114.5	
200	29.8	23.9	35.9	





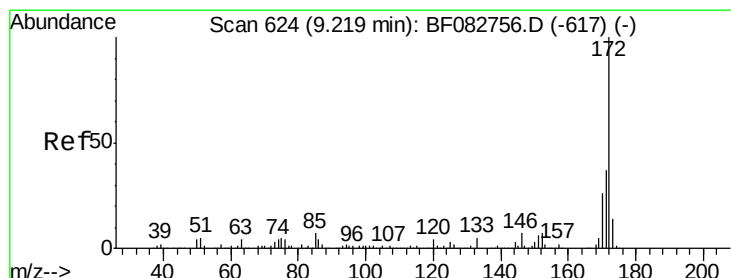
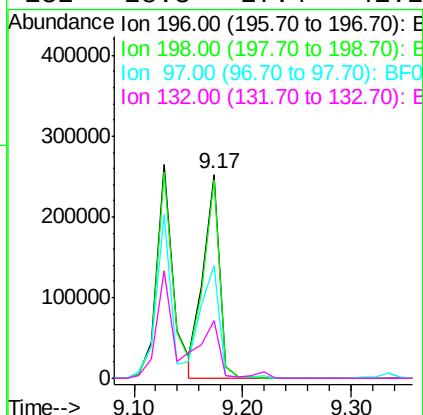
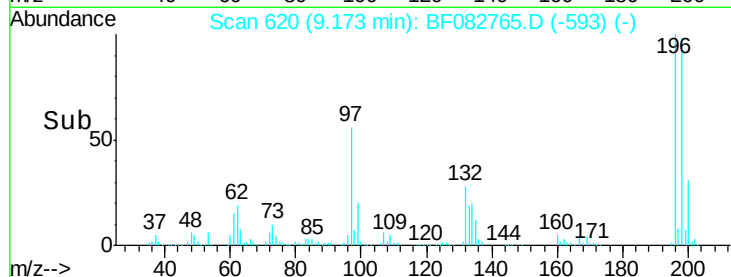
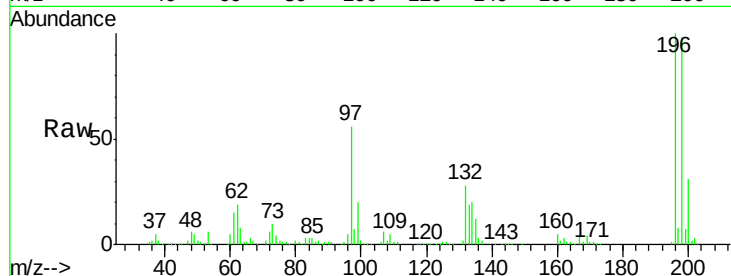
#43
 2,4,5-Trichlorophenol
 Concen: 32.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Manual Integrations
 APPROVED

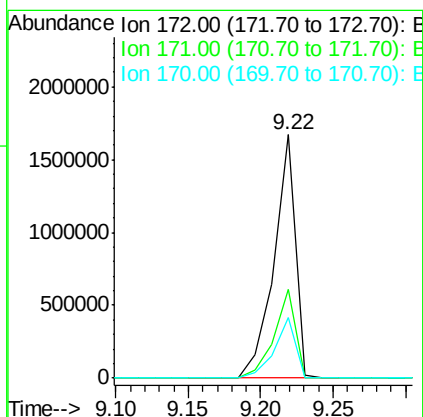
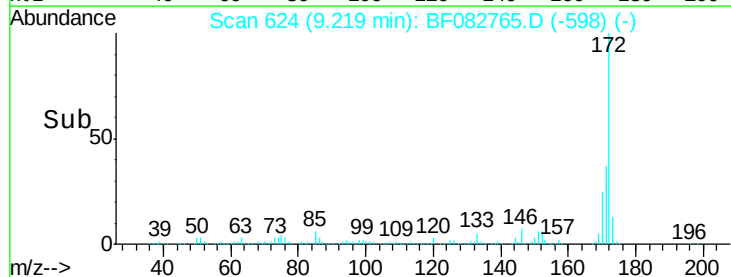
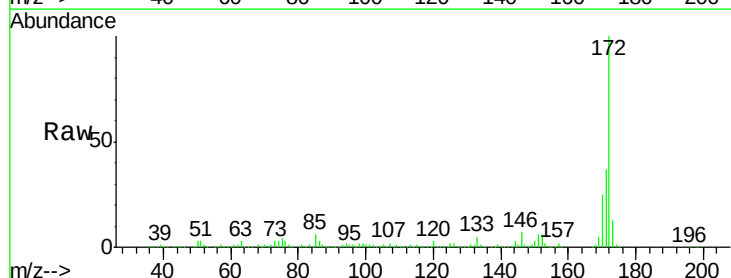
Mmdadoda
 11/9/2015 2:10:18 PM

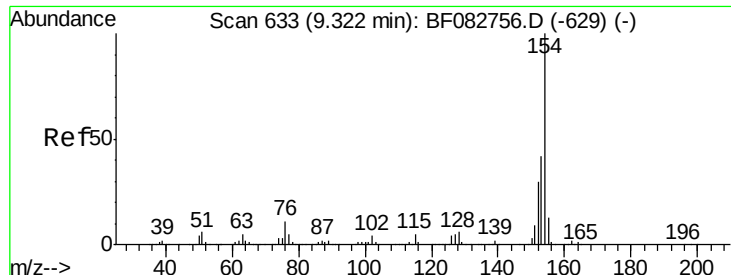
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		265142		
198	97.7	75.8	113.8		
97	55.5	62.3	93.5		
132	28.3	27.4	41.2		



#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1720525		
171	36.7	30.8	46.2		
170	24.8	21.2	31.8		





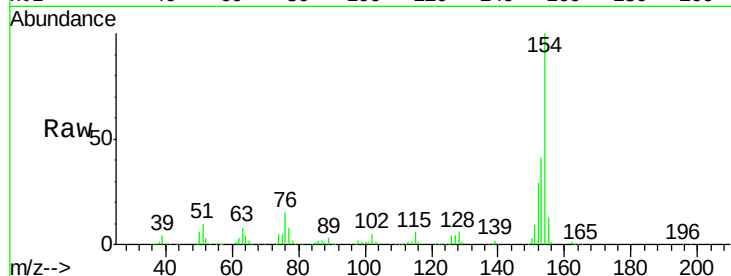
#45
 1,1'-Biphenyl
 Concen: 31.97 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

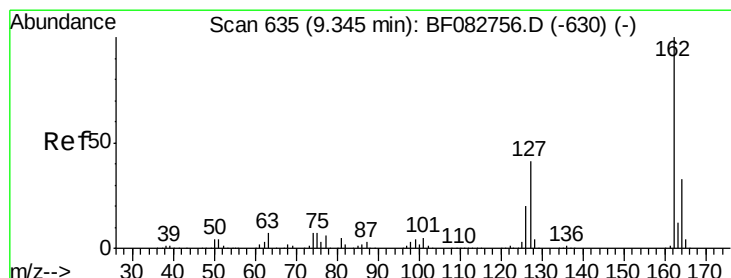
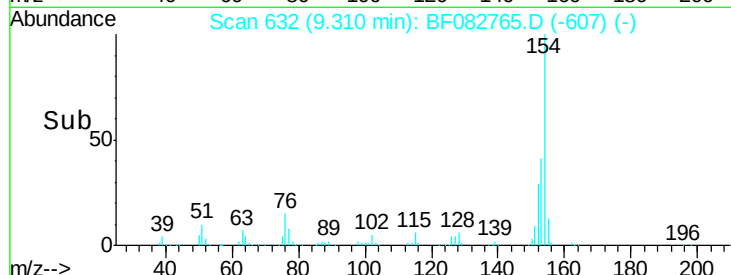
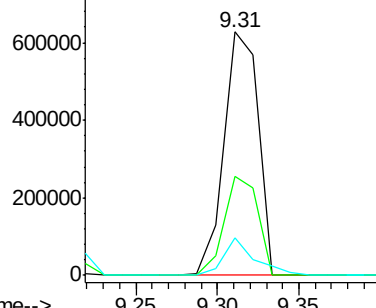
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	22.0	62.0	
76	15.2	0.0	29.0	

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:18 PM

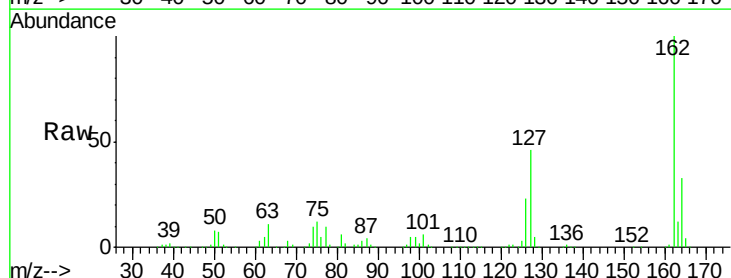


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

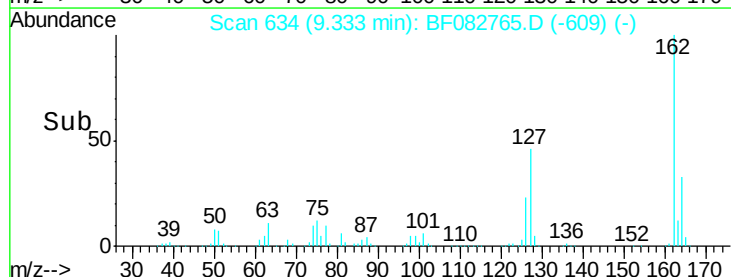
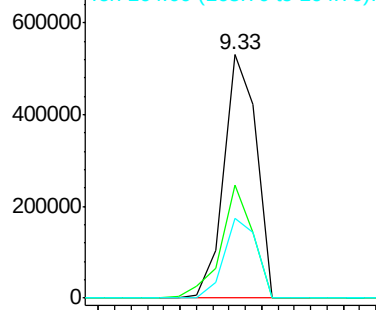


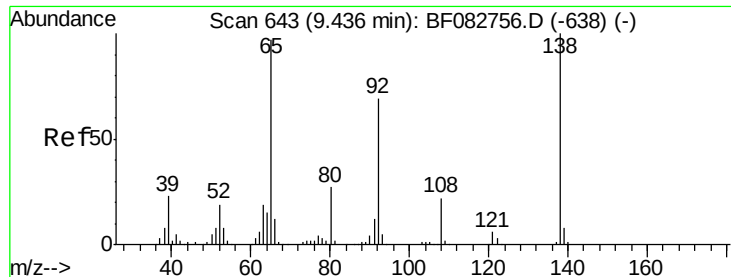
#46
 2-Chloronaphthalene
 Concen: 32.82 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.2	32.7	49.1	
164	32.5	27.4	41.0	



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





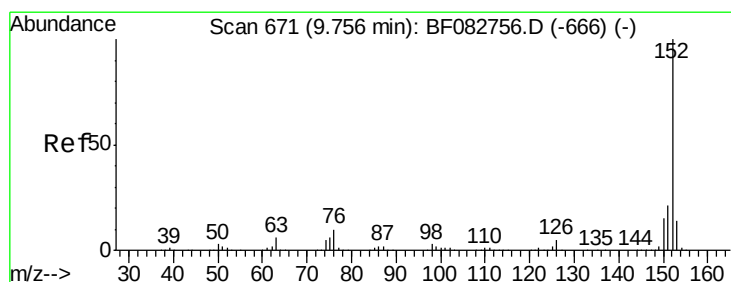
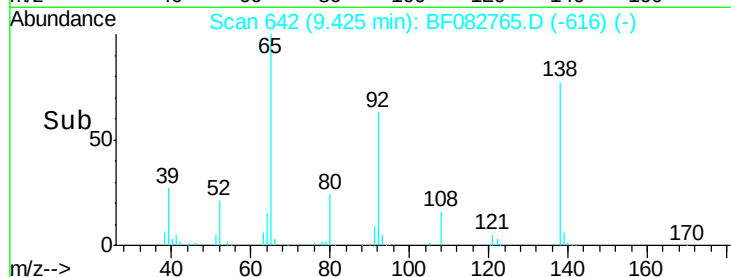
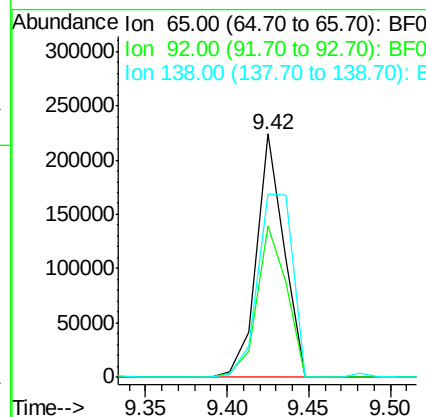
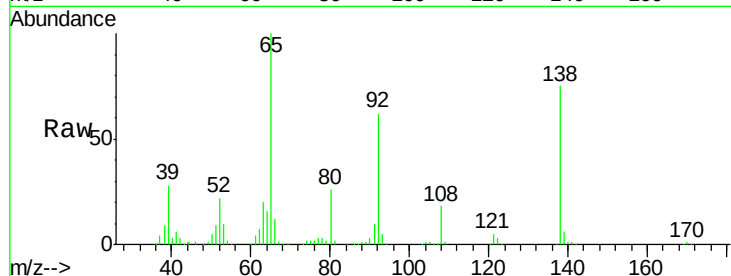
#47
2-Nitroaniline
Concen: 31.60 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	261302		
92	62.4	46.6	70.0	
138	75.5	54.6	81.8	

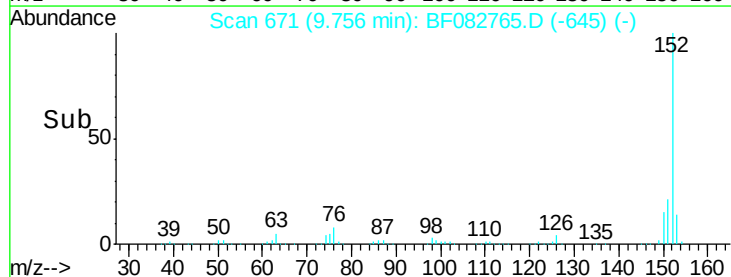
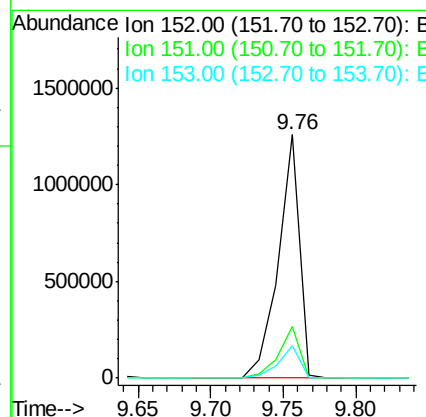
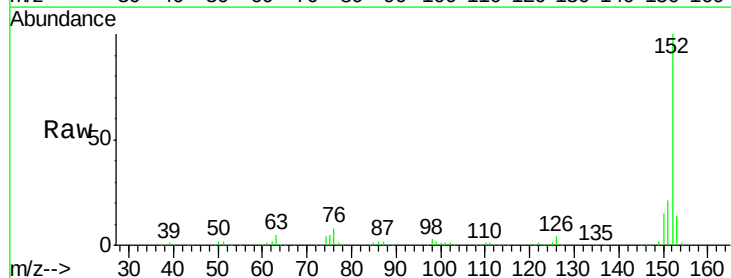
Manual Integrations
APPROVED

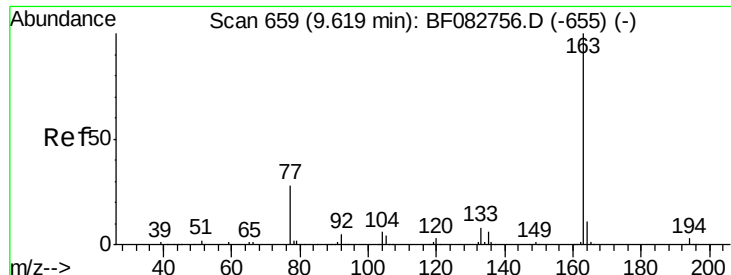
Mmdadoda
11/9/2015 2:10:18 PM



#48
Acenaphthylene
Concen: 36.29 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1267827		
151	21.3	17.3	25.9	
153	13.5	11.3	16.9	





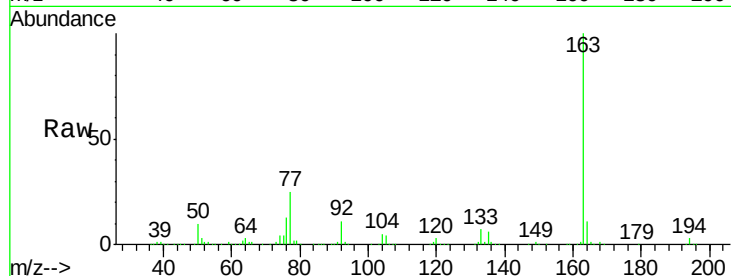
#49
Dimethylphthalate
Concen: 34.36 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

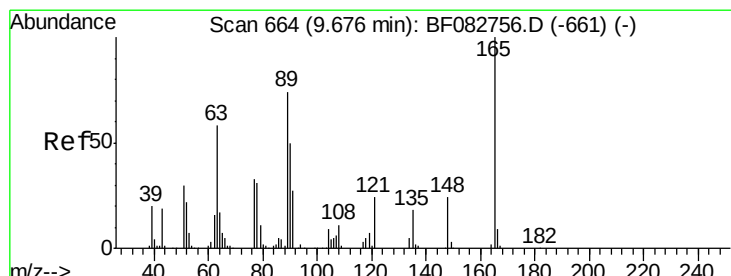
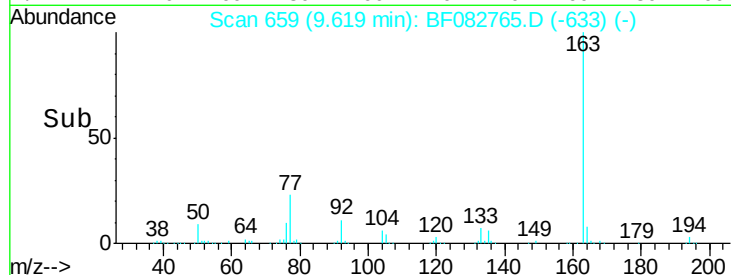
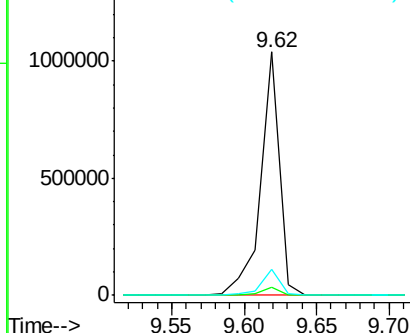
Tot Ion	Ratio	Resp	Lower	Upper
163	100	937429		
194	3.4		2.6	4.0
164	10.7		8.7	13.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM

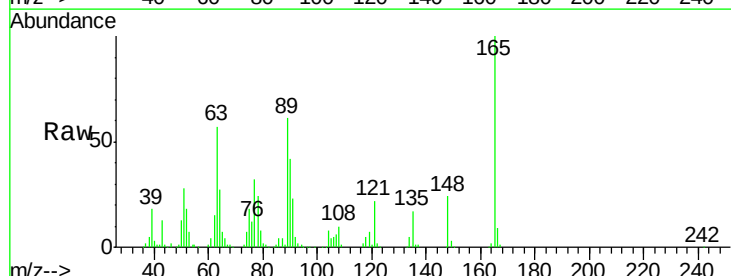


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

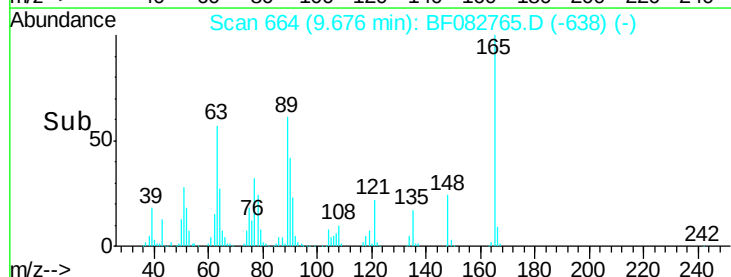
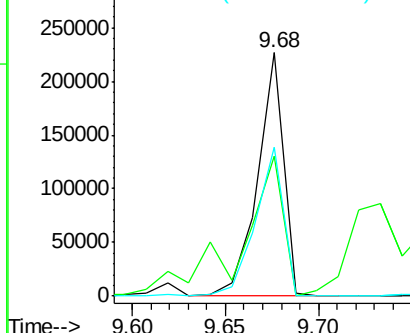


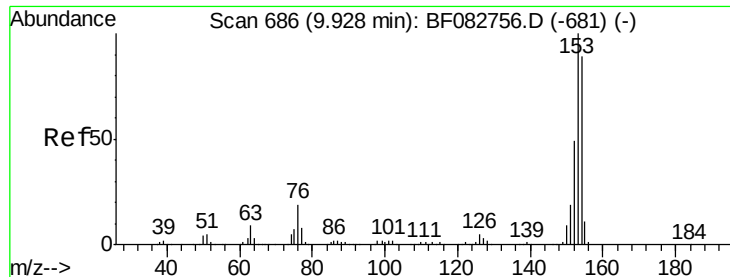
#50
2,6-Dinitrotoluene
Concen: 37.44 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	217932		
63	57.2		55.5	83.3
89	61.4		55.0	82.6



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





#51

Acenaphthene

Concen: 42.26 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

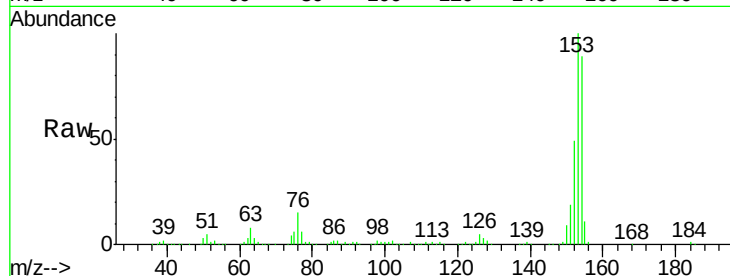
ClientSampleId :

PB86450BSD

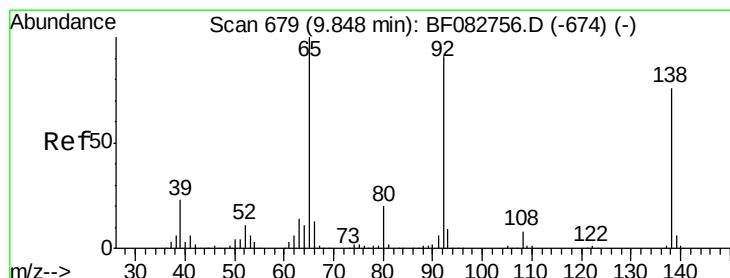
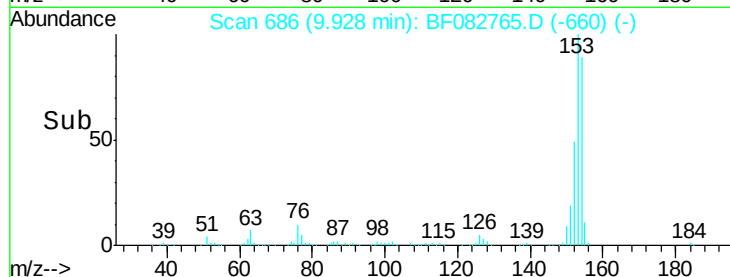
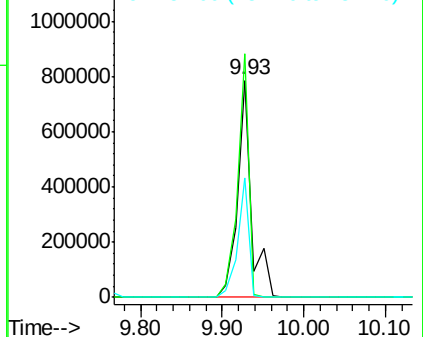
Tot Ion:	154	Resp:	935664
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.1	135.1
152	55.3	44.3	66.5

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.91 ng

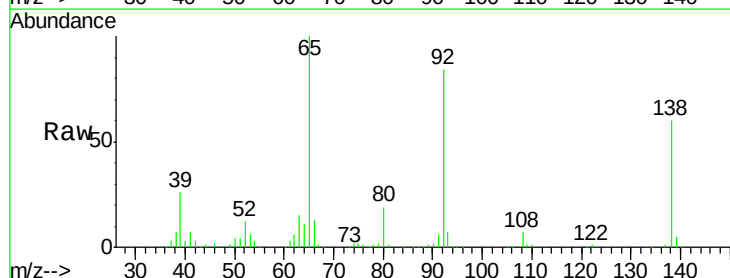
RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

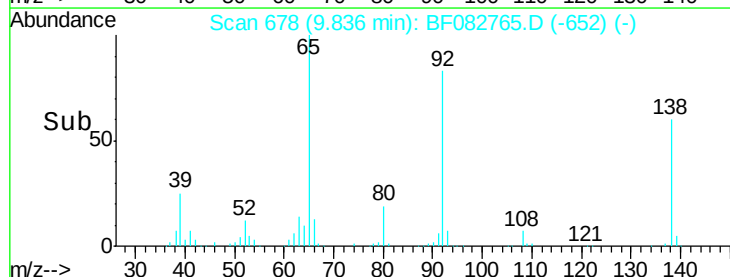
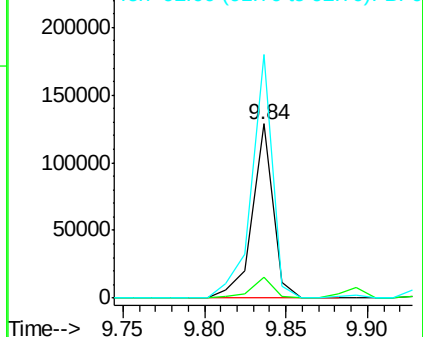
Lab File: BF082765.D

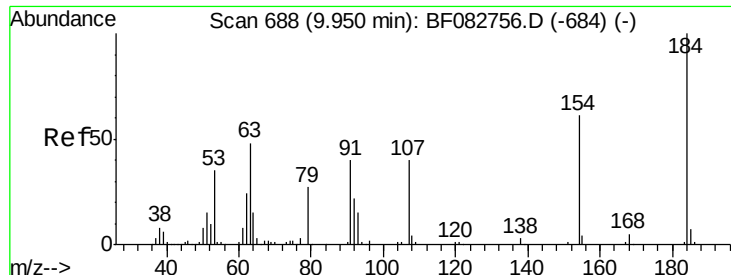
Acq: 6 Nov 2015 17:03

Tgt Ion:	138	Resp:	114669
Ion Ratio	Lower	Upper	
138	100		
108	11.8	11.3	16.9
92	139.8	122.4	183.6



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





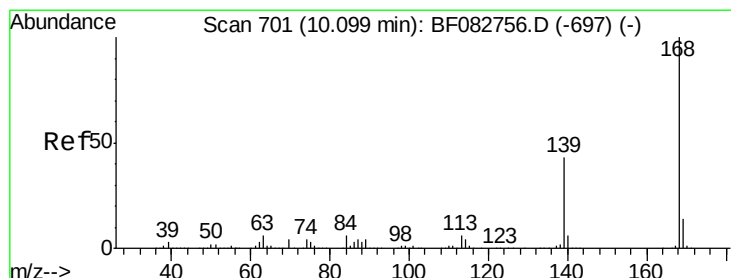
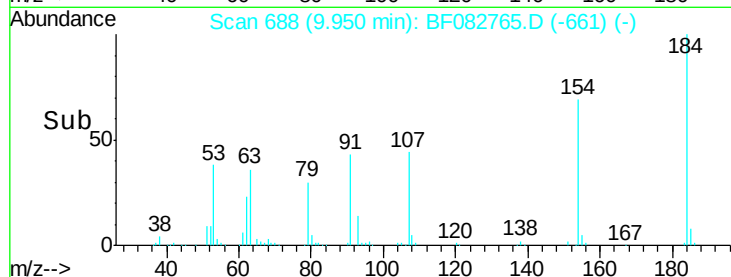
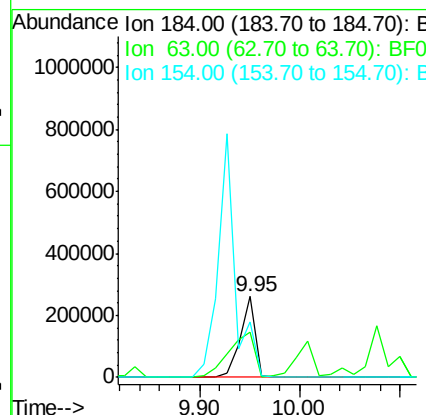
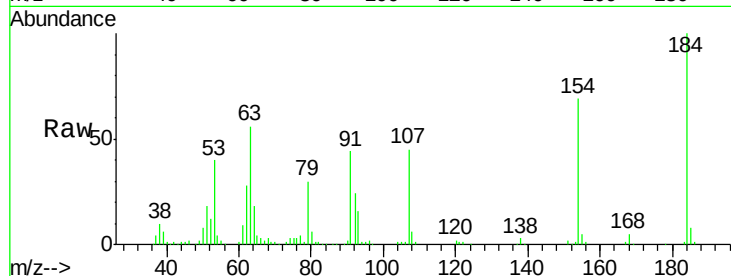
#53
 2,4-Dinitrophenol
 Concen: 83.04 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	265408		
63	55.8	98.6	148.0#	
154	68.6	183.9	275.9#	

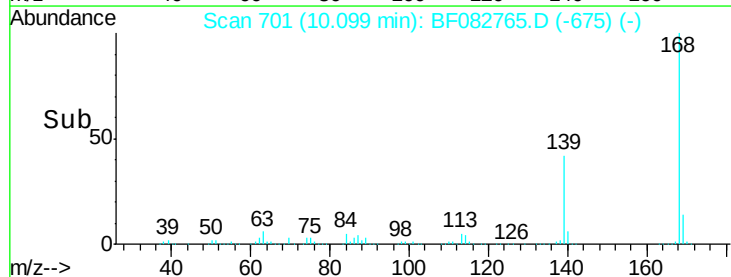
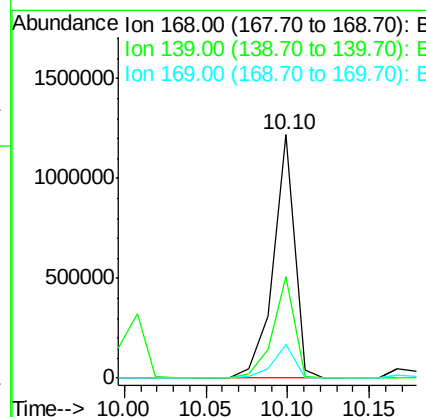
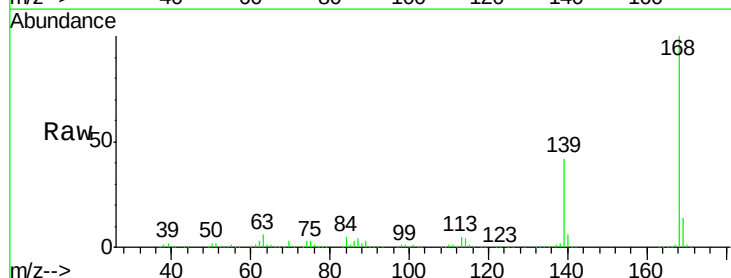
Manual Integrations
 APPROVED

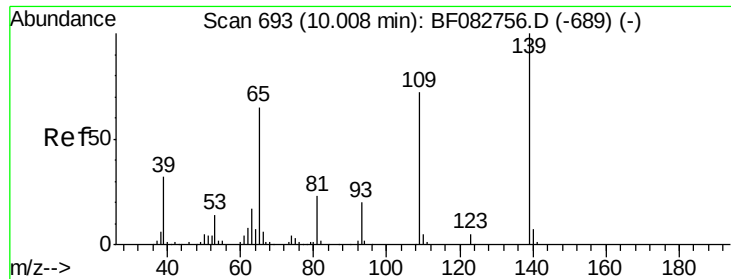
Mmdadoda
 11/9/2015 2:10:18 PM



#54
 Dibenzofuran
 Concen: 37.19 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1110072		
139	41.6	37.8	56.6	
169	13.9	11.3	16.9	





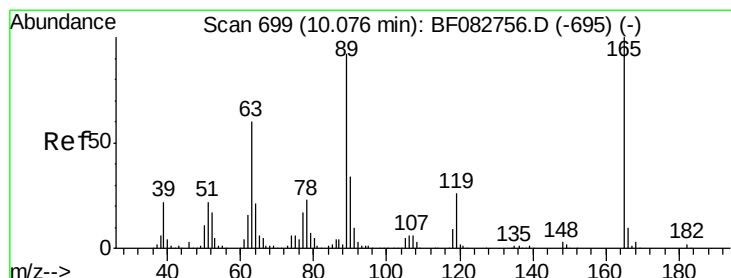
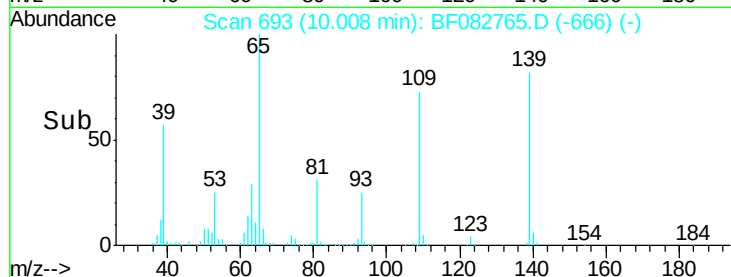
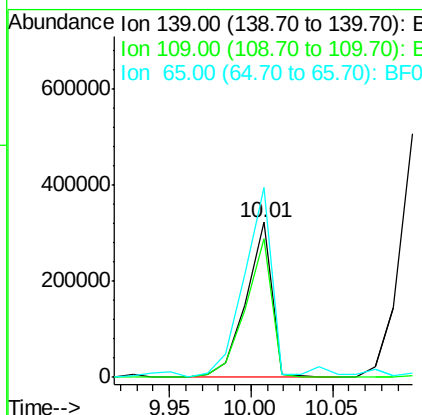
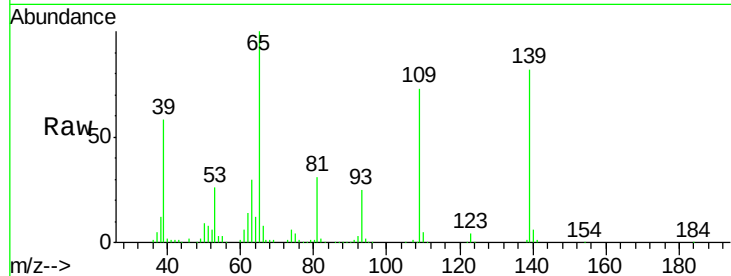
#55
4-Nitrophenol
Concen: 72.96 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	358337		
109	89.0	73.7	113.7	
65	122.0	82.9	122.9	

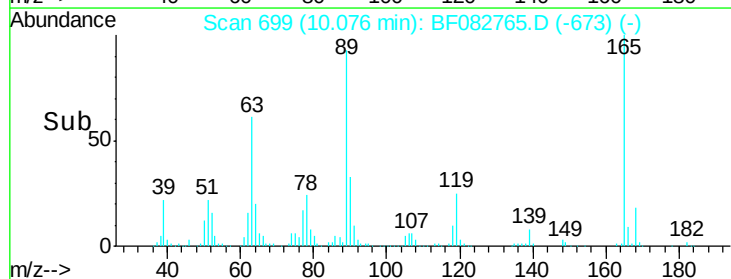
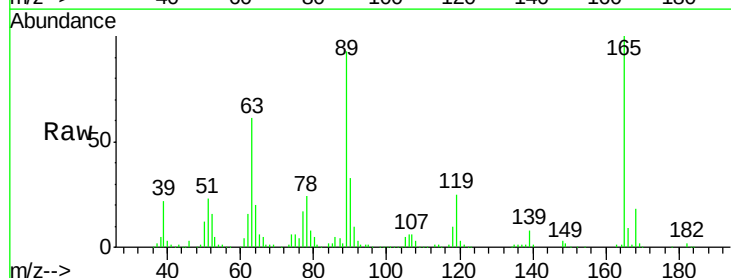
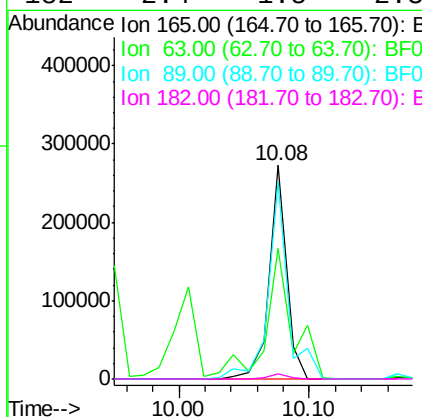
Manual Integrations
APPROVED

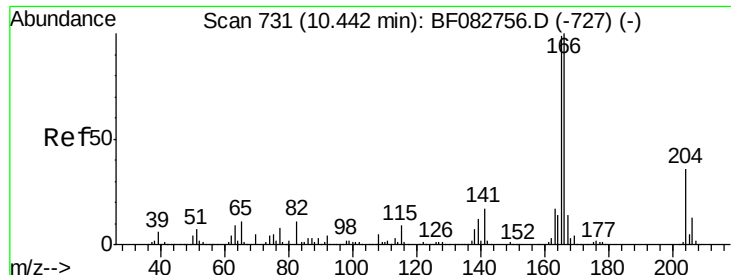
Mmdadoda
11/9/2015 2:10:18 PM



#56
2,4-Dinitrotoluene
Concen: 32.44 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	256197		
63	61.4	43.4	65.0	
89	92.5	70.6	106.0	
182	2.4	1.5	2.3#	





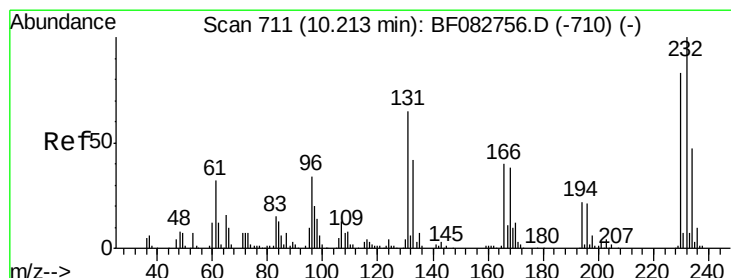
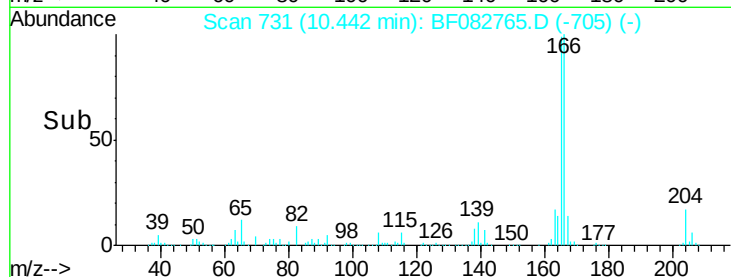
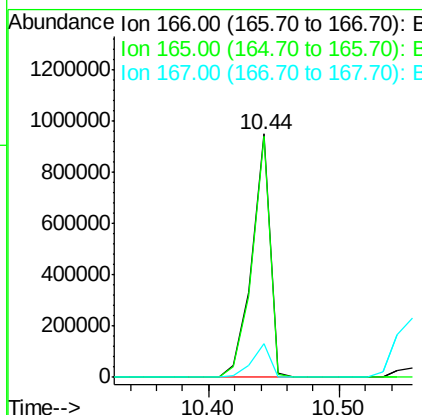
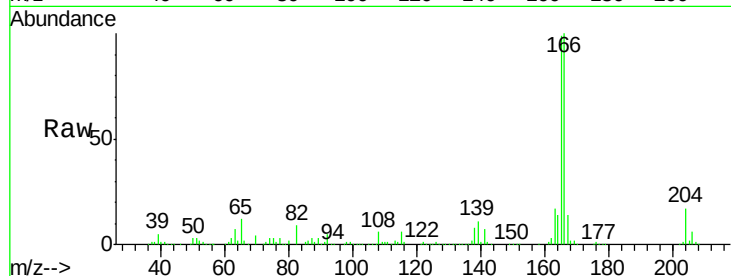
#57
Fluorene
 Concen: 38.16 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	922439		
165	99.0	80.2	120.4	
167	13.7	11.2	16.8	

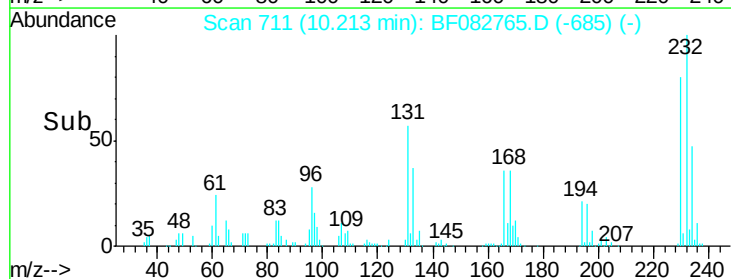
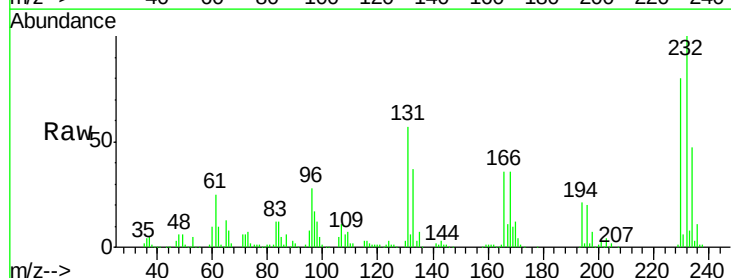
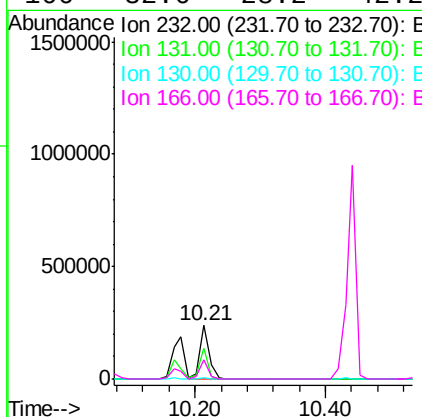
Manual Integrations
APPROVED

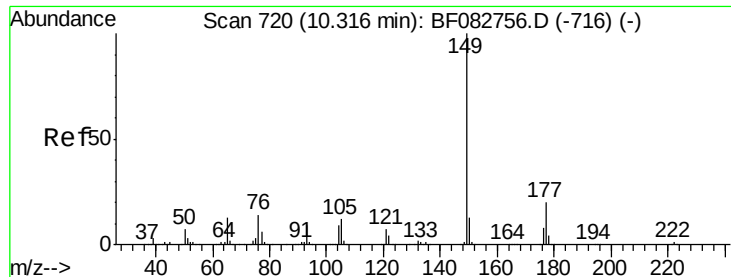
Mmdadoda
 11/9/2015 2:10:18 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.35 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	233086		
131	50.4	46.2	69.2	
130	2.7	2.4	3.6	
166	32.6	28.2	42.2	





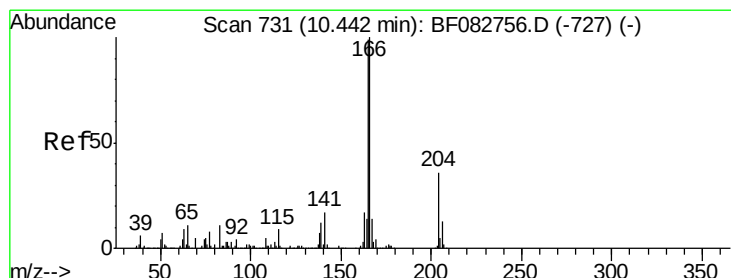
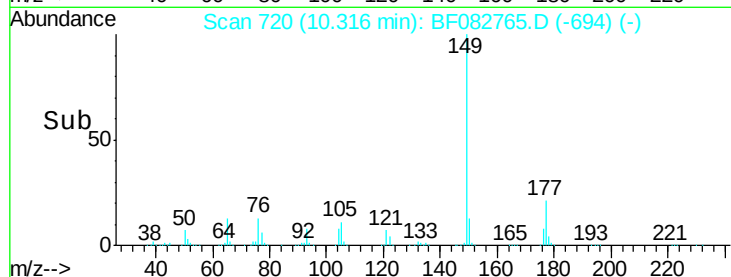
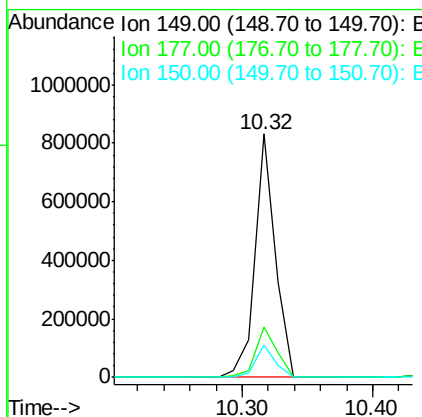
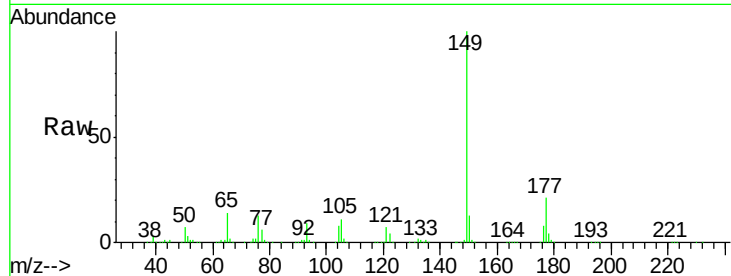
#59
Diethylphthalate
Concen: 33.81 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampled :
PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	900622		
177	20.7		17.9	26.9
150	13.2		10.1	15.1

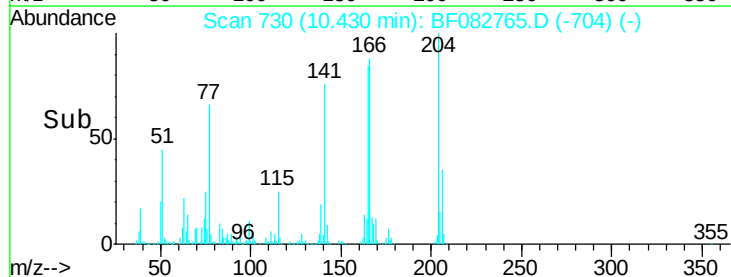
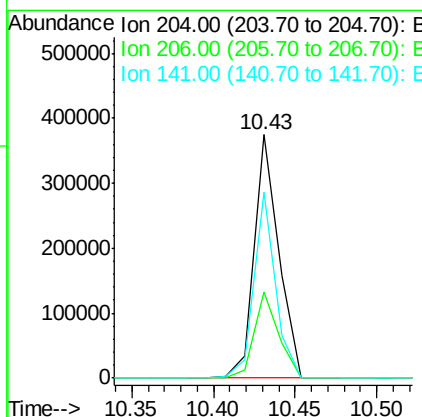
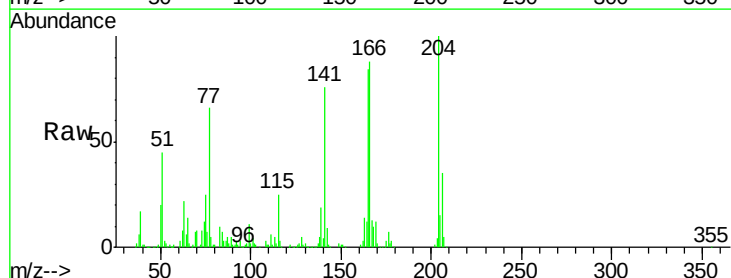
Manual Integrations
APPROVED

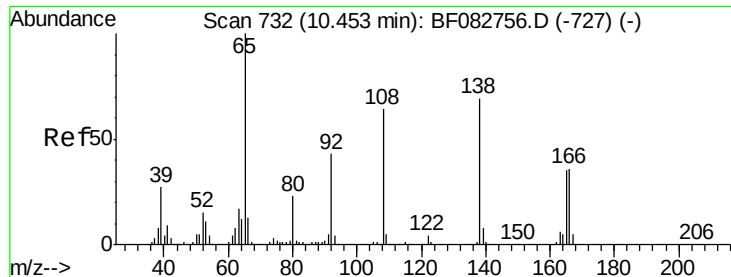
Mmdadoda
11/9/2015 2:10:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.25 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	390042		
206	35.4		28.5	42.7
141	76.2		44.6	66.8#





#61

4-Nitroaniline

Concen: 30.65 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

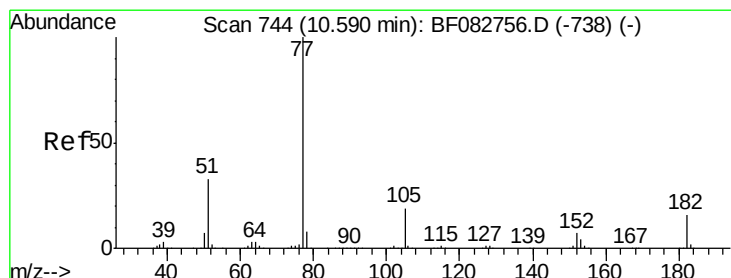
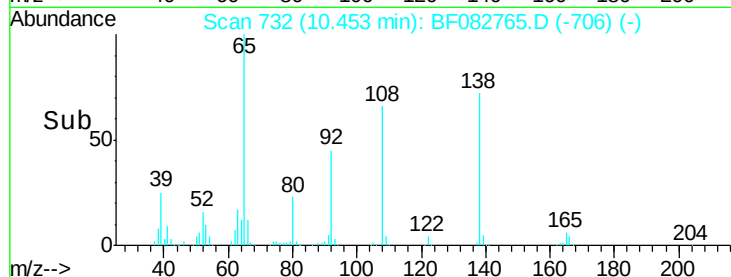
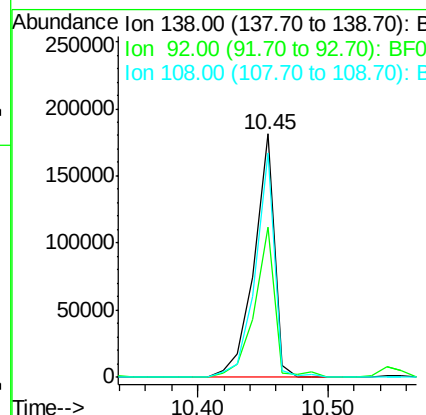
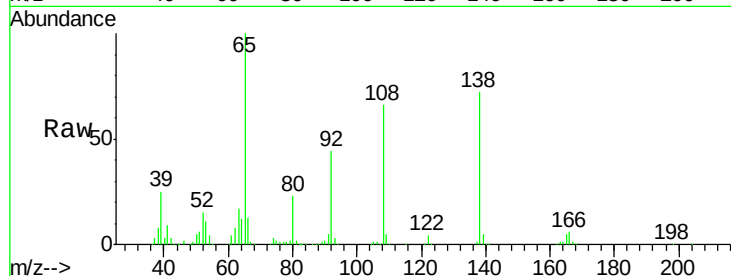
ClientSampleId :

PB86450BSD

Tot Ion:	138	Resp:	197328
Ion Ratio	Lower	Upper	
138	100		
92	61.7	45.8	85.8
108	92.0	89.4	129.4

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#62

Azobenzene

Concen: 35.34 ng

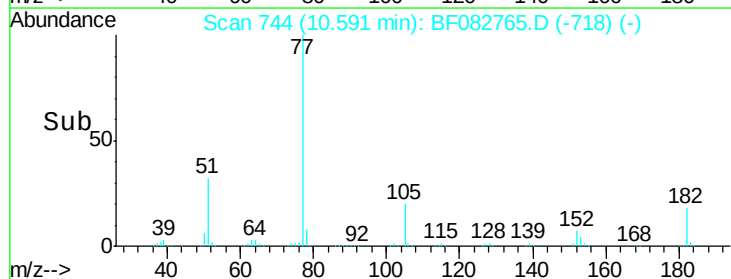
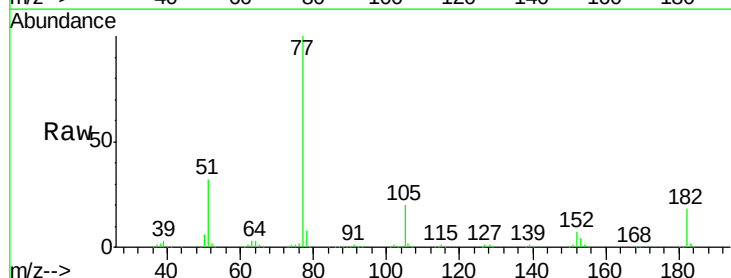
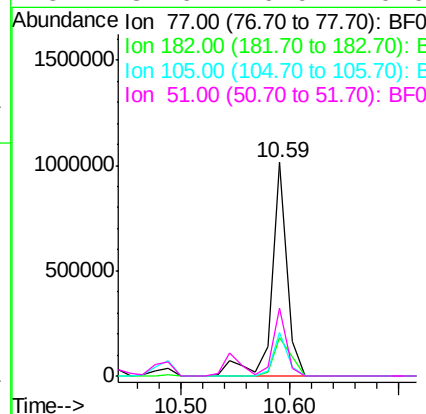
RT: 10.59 min Scan# 744

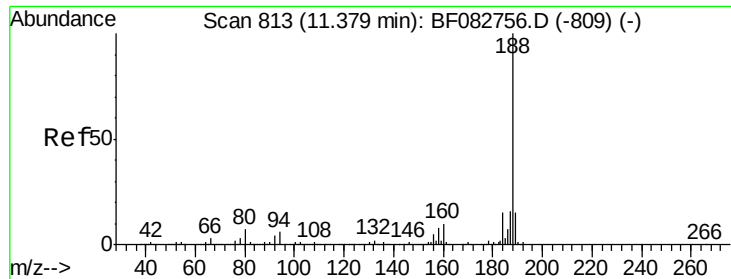
Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:	77	Resp:	1011402
Ion Ratio	Lower	Upper	
77	100		
182	17.9	9.3	49.3
105	20.1	2.6	42.6
51	31.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

Tot Ion:188 Resp: 626957
Ion Ratio Lower Upper

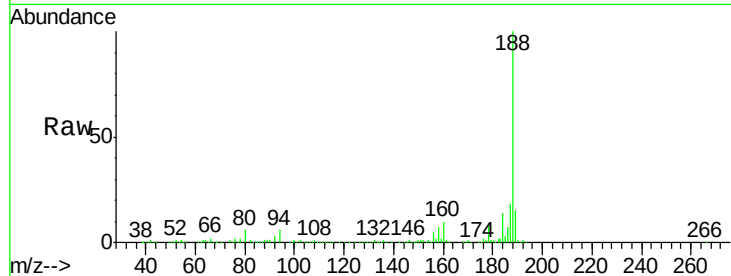
188 100

94 5.6 6.1 9.1#

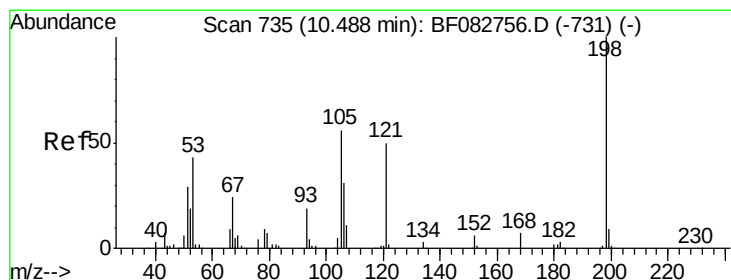
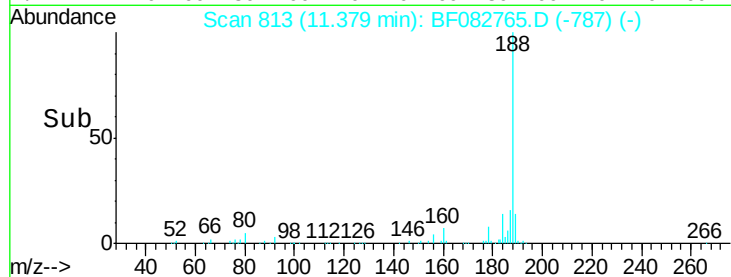
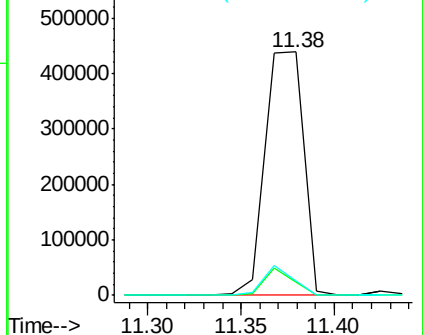
80 5.8 7.0 10.6#

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.14 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082765.D

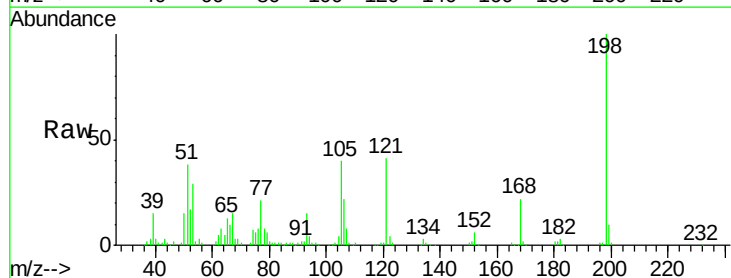
Acq: 6 Nov 2015 17:03

Tgt Ion:198 Resp: 170378
Ion Ratio Lower Upper

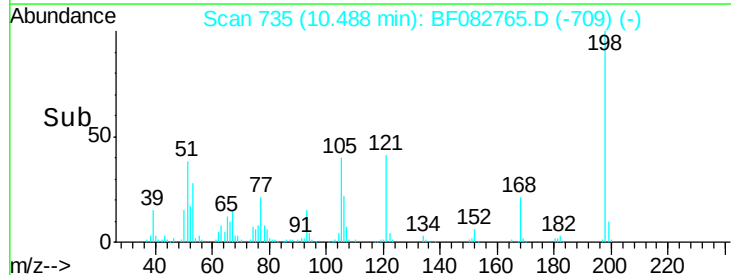
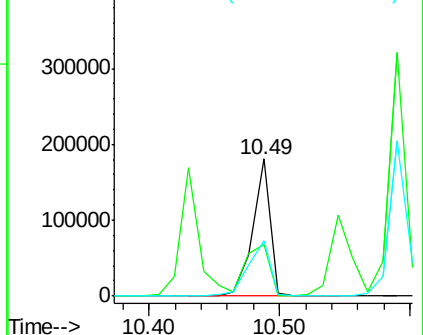
198 100

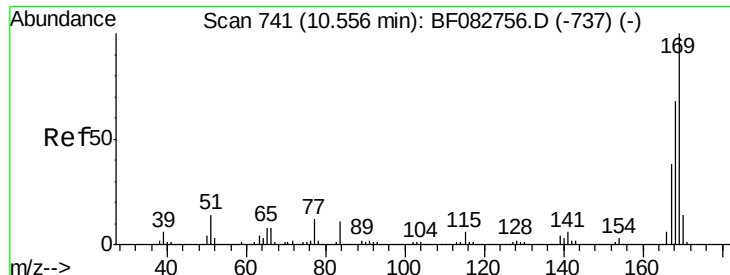
51 37.6 17.3 57.3

105 40.2 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





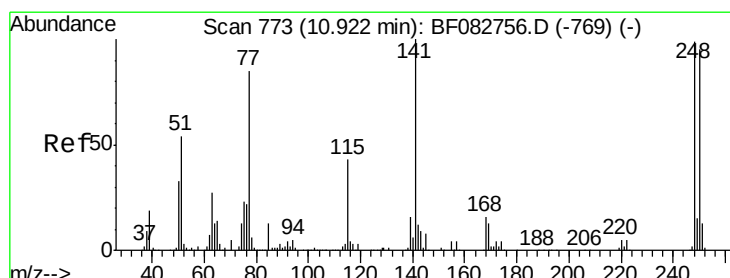
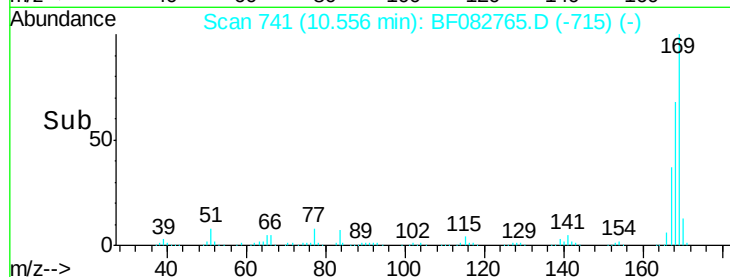
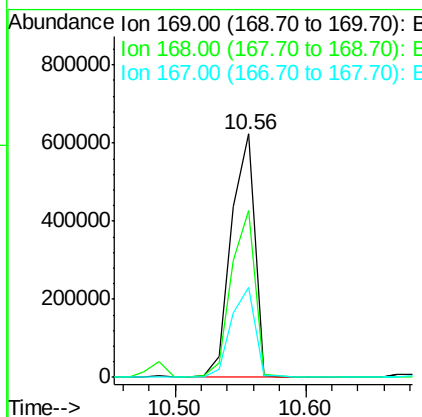
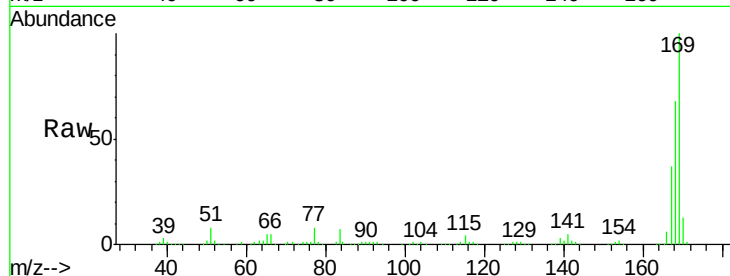
#65
n-Nitrosodiphenylamine
Concen: 34.08 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	771947		
168	68.5		55.0	82.6
167	37.1		30.5	45.7

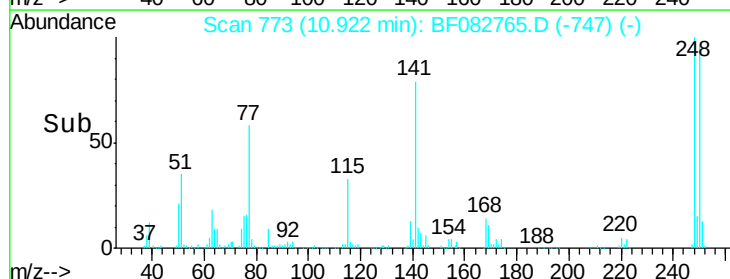
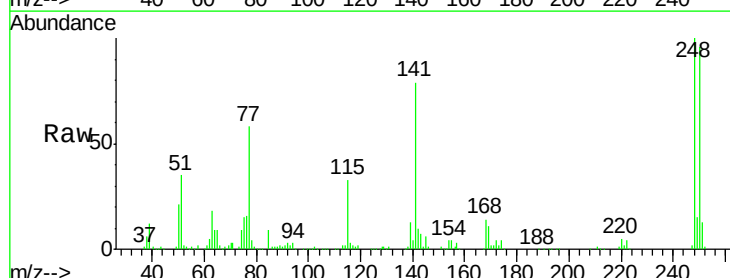
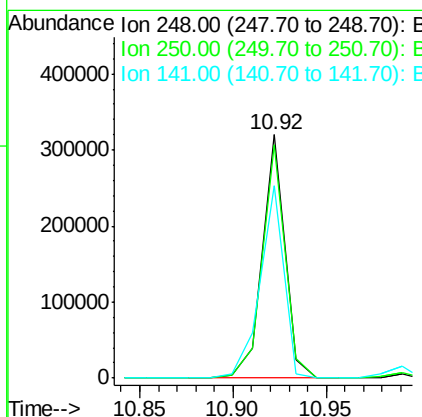
Manual Integrations
APPROVED

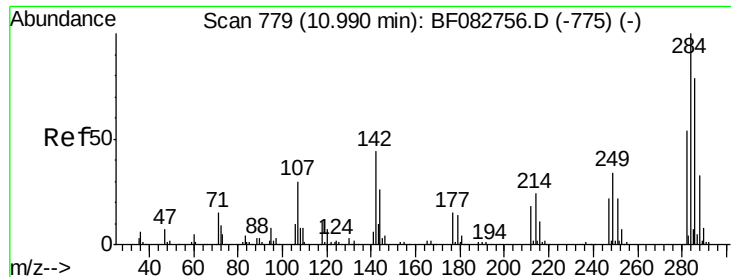
Mmdadoda
11/9/2015 2:10:18 PM



#66
4-Bromophenyl-phenylether
Concen: 35.24 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	266006		
250	95.7		79.4	119.2
141	79.1		36.3	54.5#





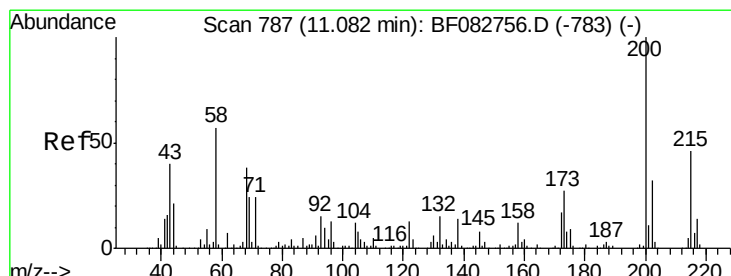
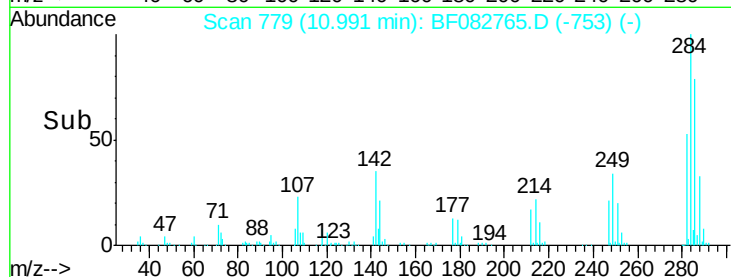
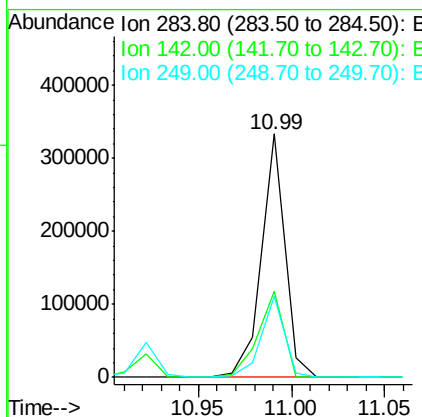
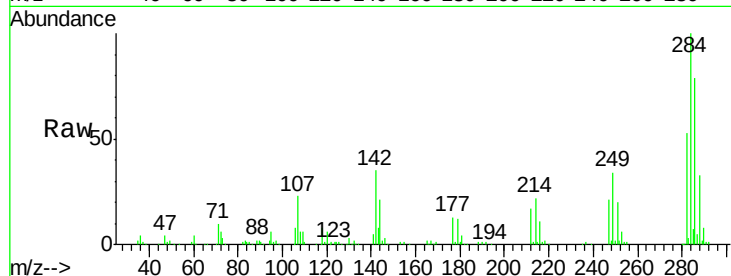
#67
Hexachlorobenzene
Concen: 34.30 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	289107		
142	35.3	47.9	71.9#	
249	33.5	29.7	44.5	

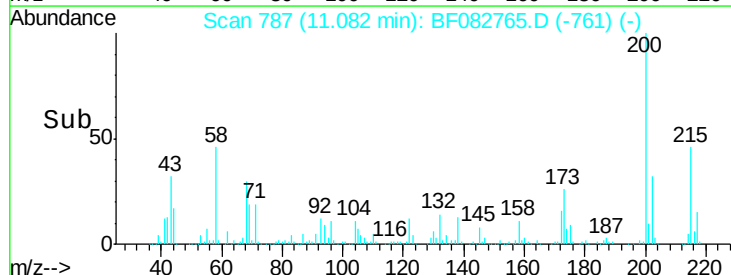
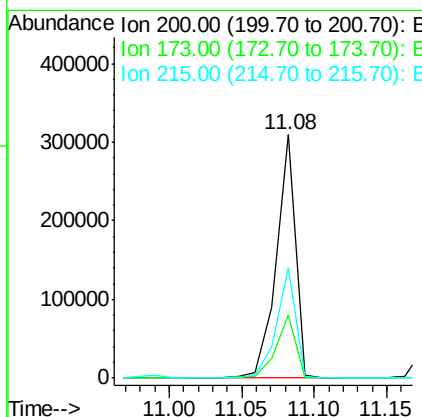
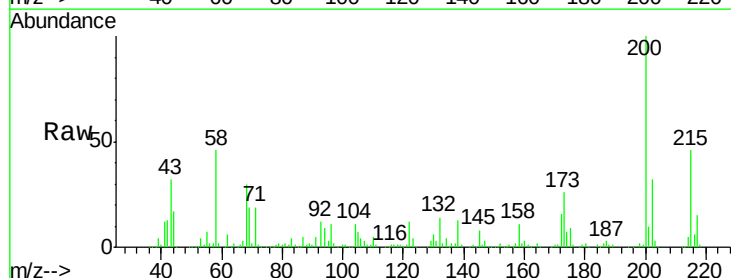
Manual Integrations
APPROVED

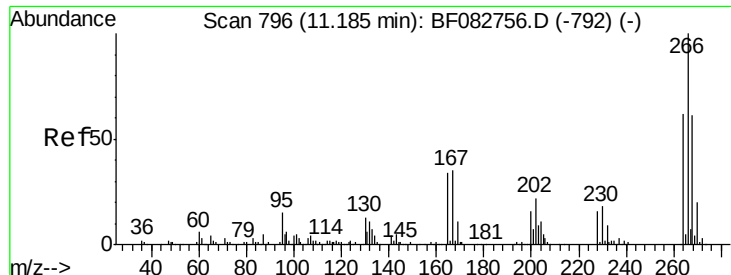
Mmdadoda
11/9/2015 2:10:18 PM



#68
Atrazine
Concen: 40.48 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	283533		
173	26.1	6.9	46.9	
215	45.6	22.9	62.9	





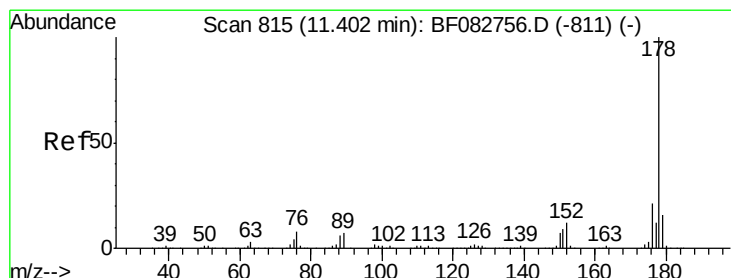
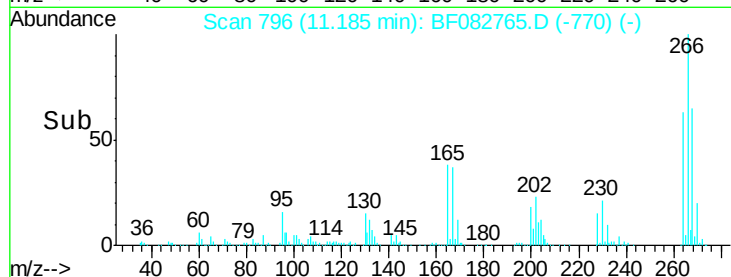
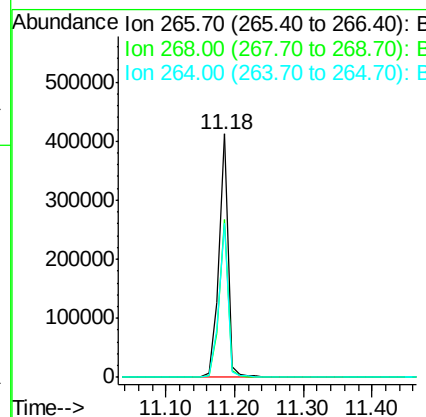
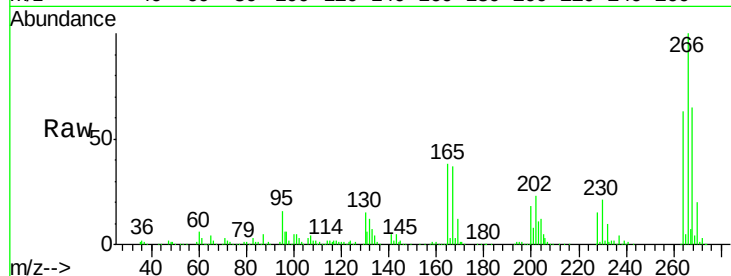
#69
 Pentachlorophenol
 Concen: 77.58 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	397109		
268	65.0		51.0	76.6
264	63.0		50.6	75.8

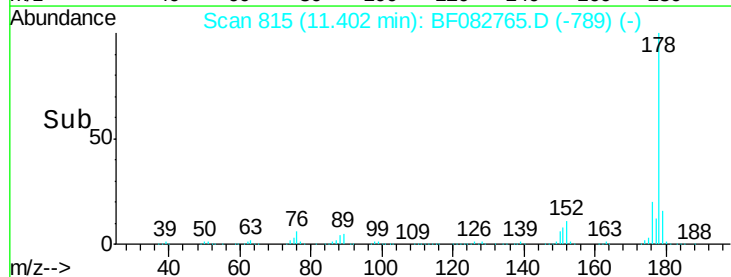
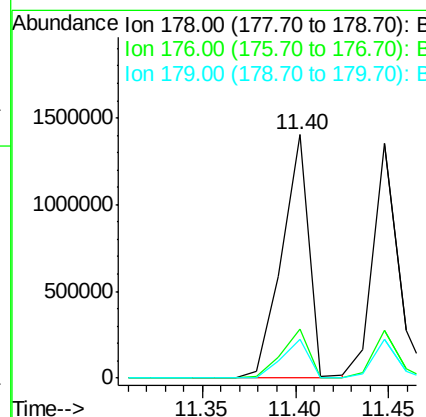
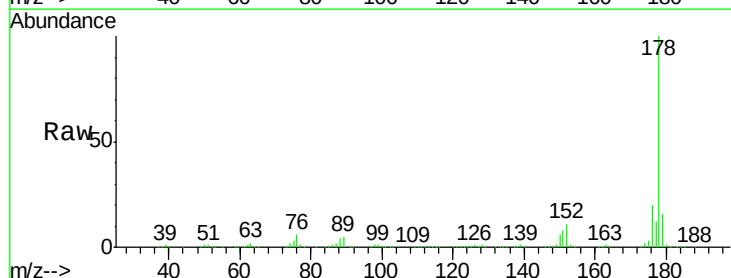
Manual Integrations
 APPROVED

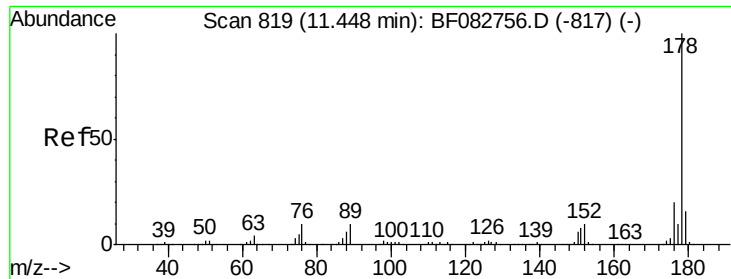
Mmdadoda
 11/9/2015 2:10:18 PM



#70
 Phenanthrene
 Concen: 38.74 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1410625		
176	20.2		17.0	25.4
179	15.8		13.4	20.0





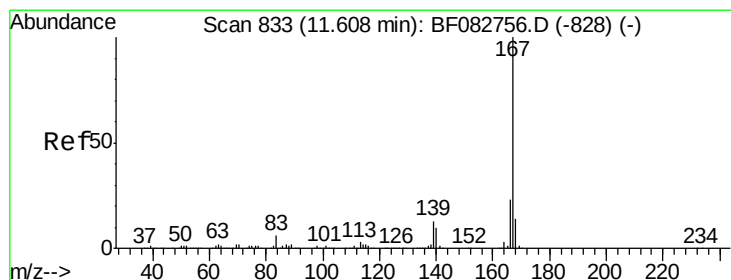
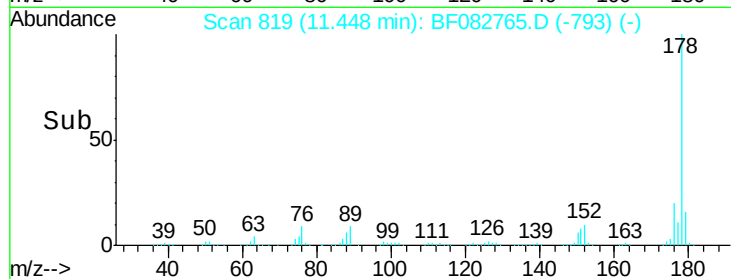
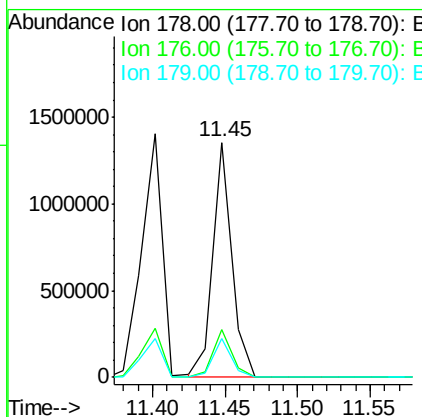
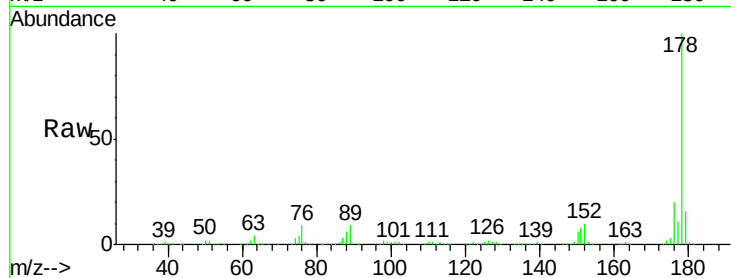
#71
 Anthracene
 Concen: 32.19 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.5	24.7
179	16.4	13.2	19.8

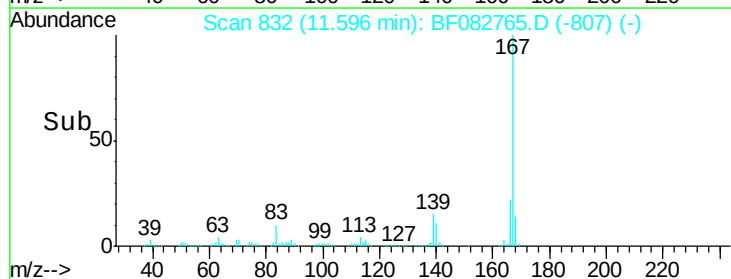
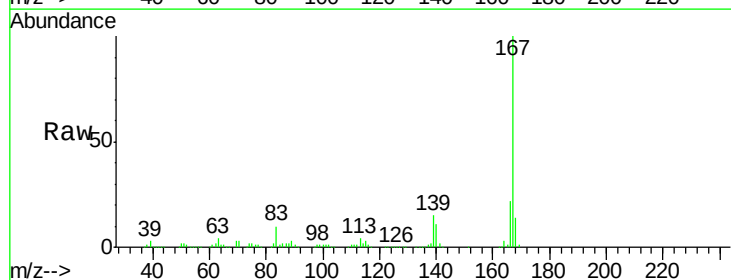
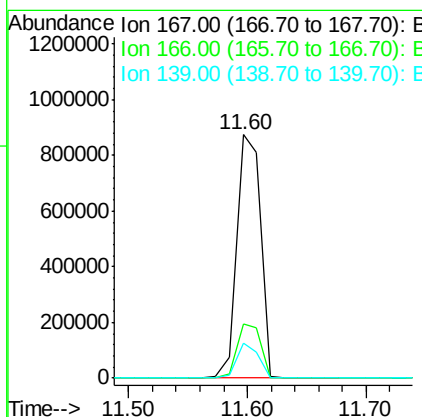
Manual Integrations
 APPROVED

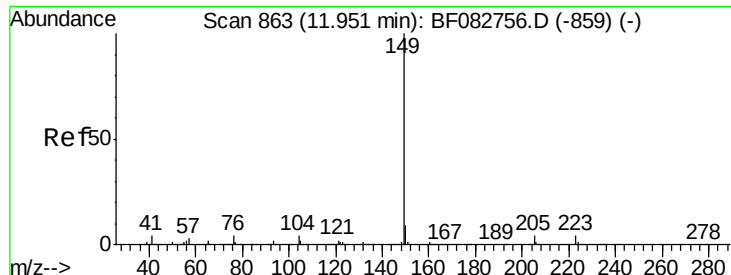
Mmdadoda
 11/9/2015 2:10:18 PM



#72
 Carbazole
 Concen: 36.29 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.7	28.1
139	14.5	11.8	17.6





#73

Di-n-butylphthalate

Concen: 32.13 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

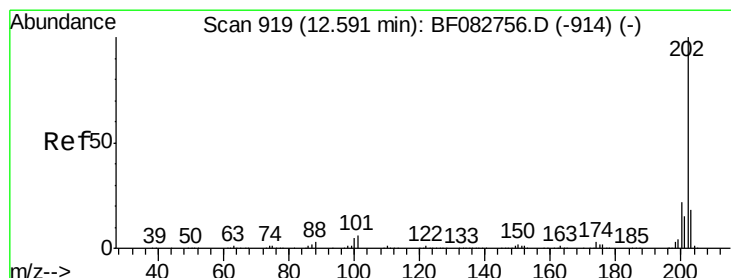
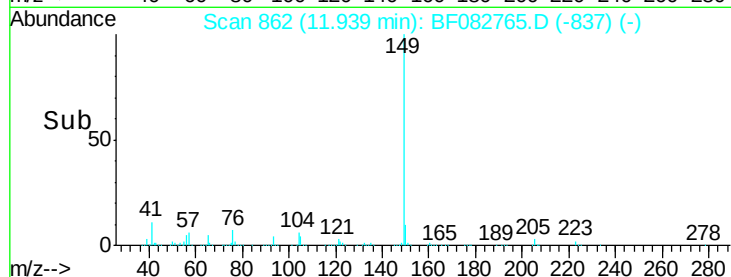
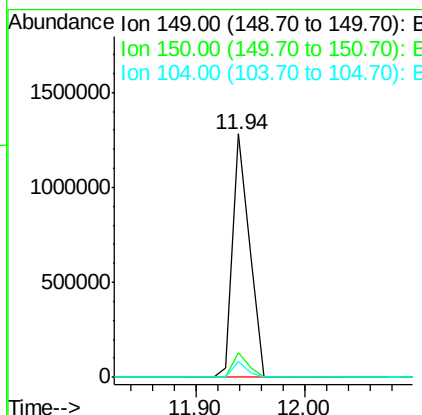
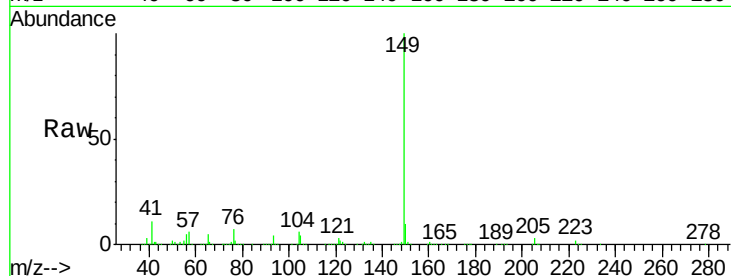
ClientSampleId :

PB86450BSD

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.3	5.2	7.8



#74

Fluoranthene

Concen: 34.28 ng

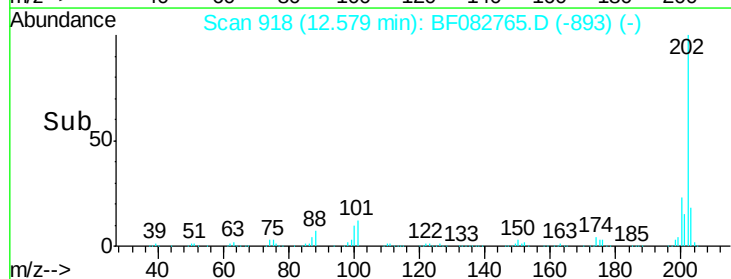
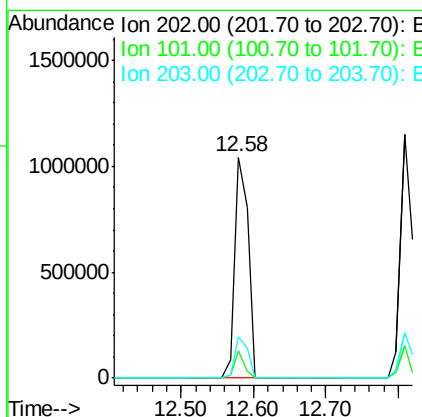
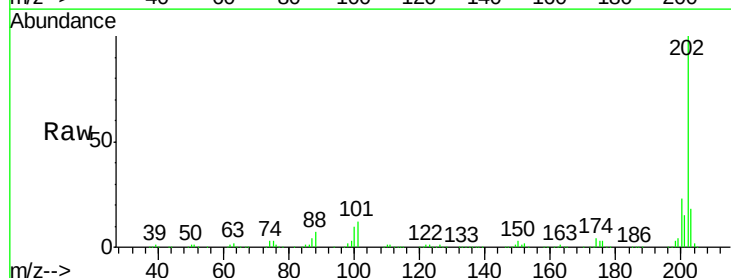
RT: 12.58 min Scan# 918

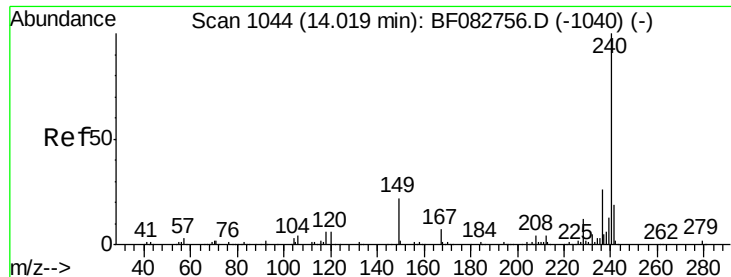
Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.5
203	18.5	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

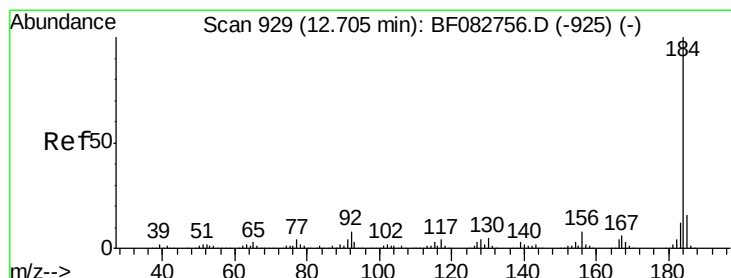
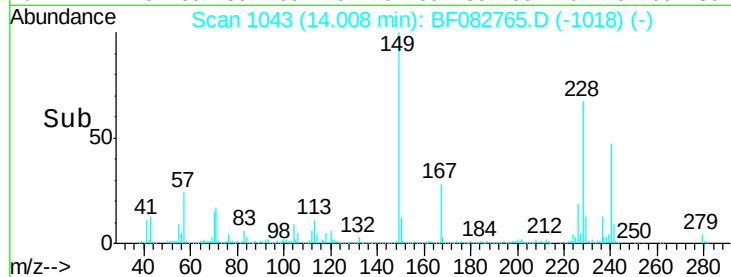
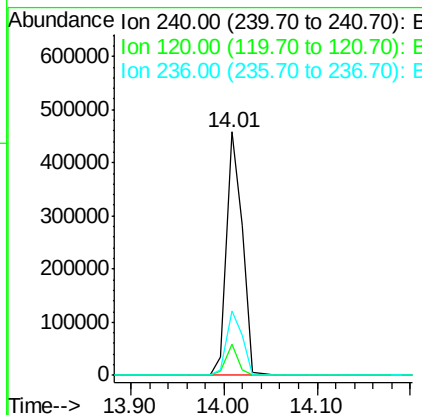
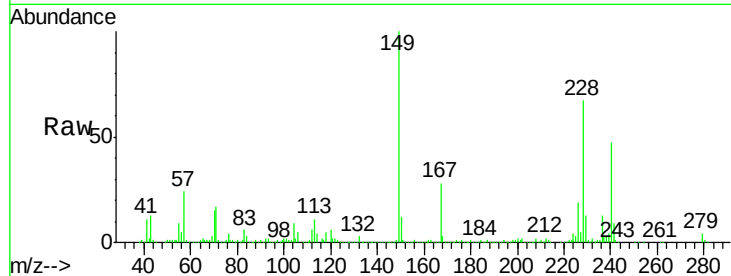
ClientSampleId :

PB86450BSD

Tot Ion:	240	Resp:	540112
Ion Ratio		Lower	Upper
240	100		
120	12.8	10.9	16.3
236	26.5	21.6	32.4

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



#76

Benzidine

Concen: 27.21 ng

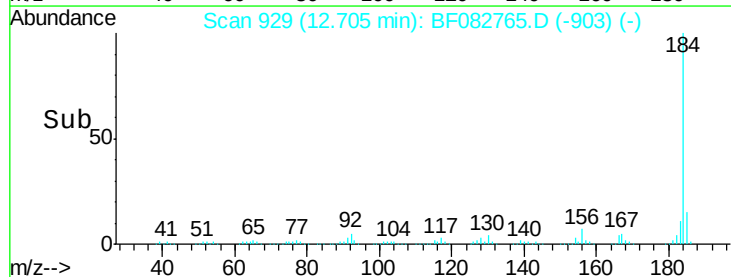
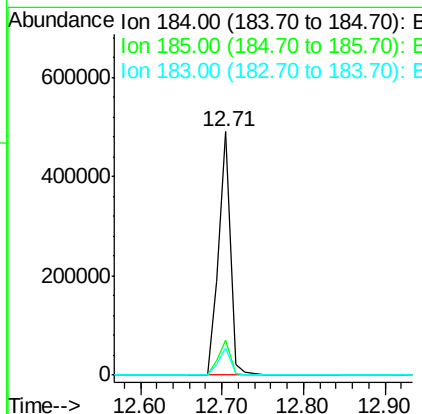
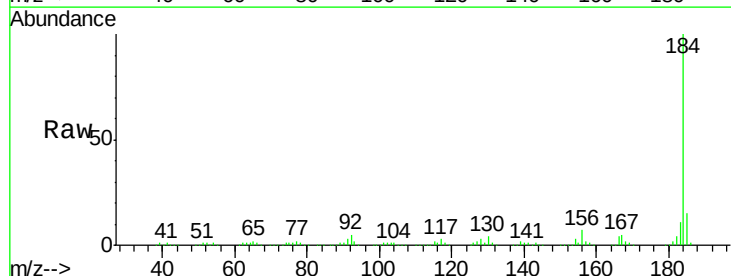
RT: 12.71 min Scan# 929

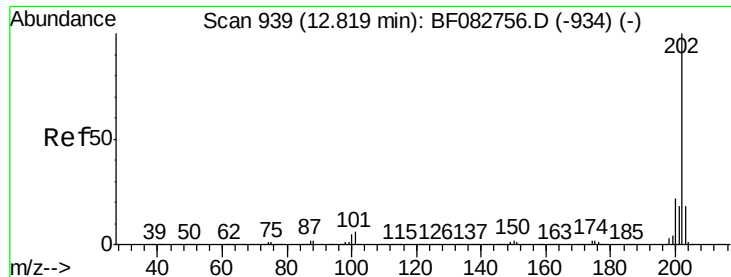
Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:	184	Resp:	492475
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.0	18.0
183	11.2	9.6	14.4





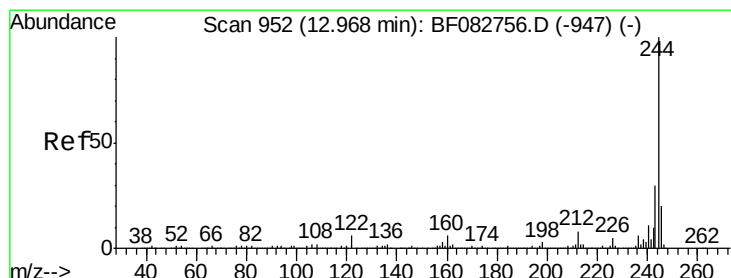
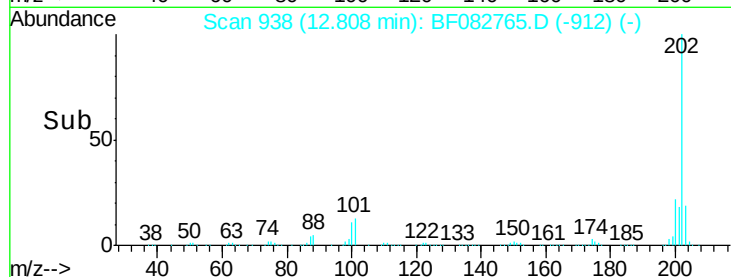
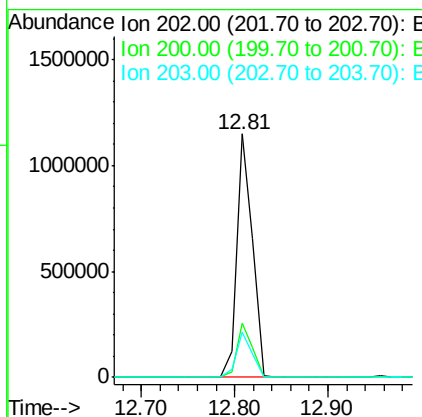
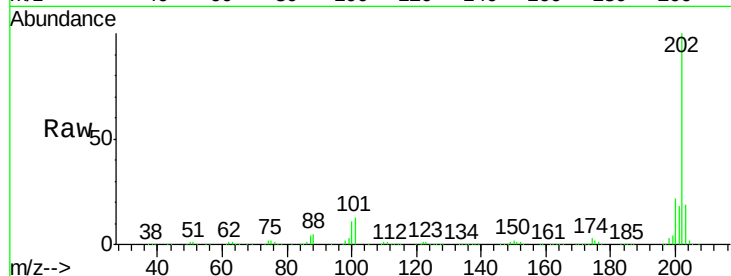
#77
 Pvrene
 Concen: 35.93 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.6	14.8	22.2

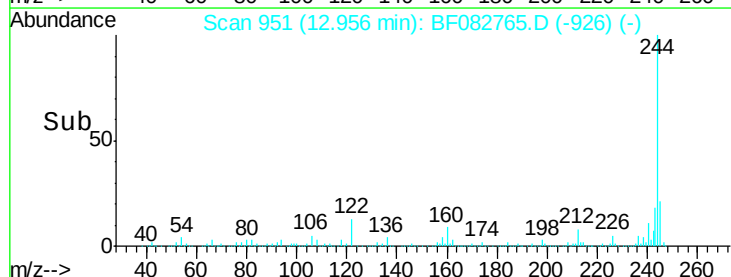
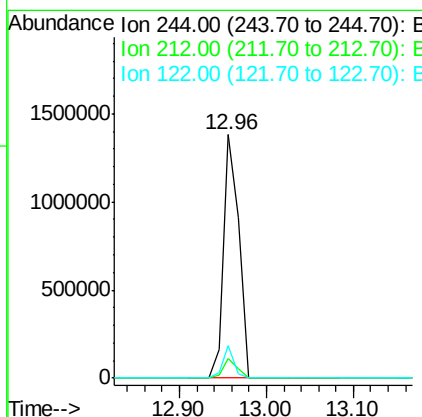
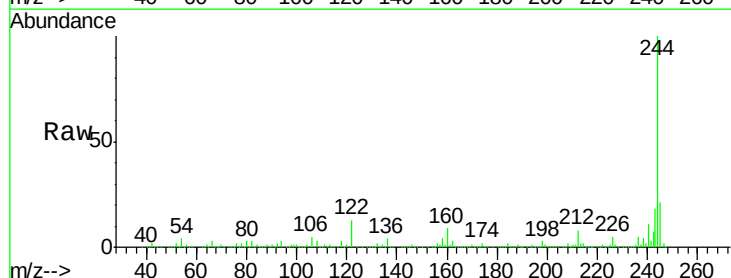
Manual Integrations
 APPROVED

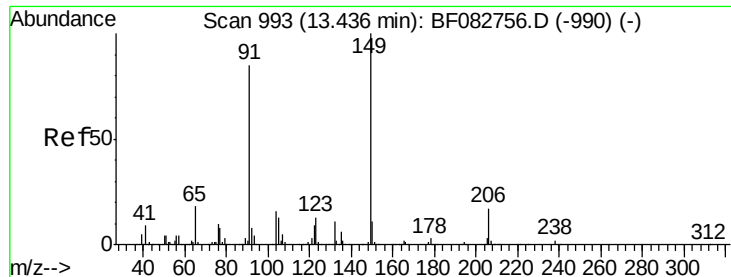
Mmdadoda
 11/9/2015 2:10:18 PM



#78
 Terphenyl-d14
 Concen: 74.51 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	13.1	11.3	16.9





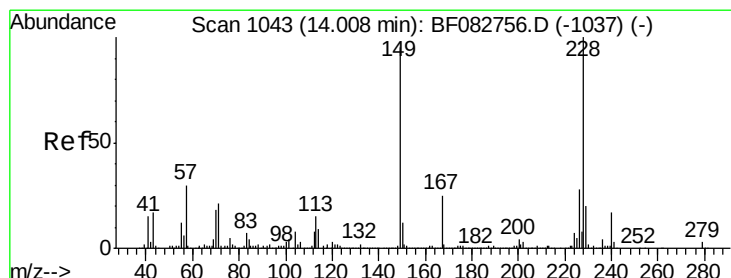
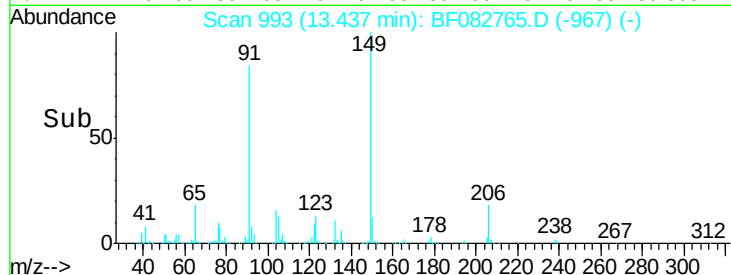
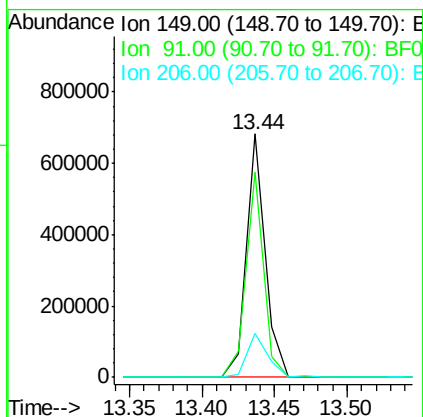
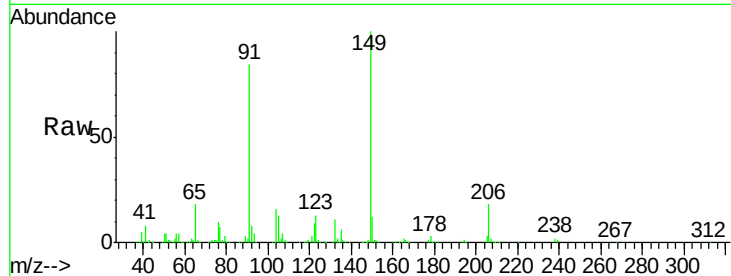
#79
Butylbenzylphthalate
Concen: 37.22 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.2	67.7	101.5
206	17.9	14.6	22.0

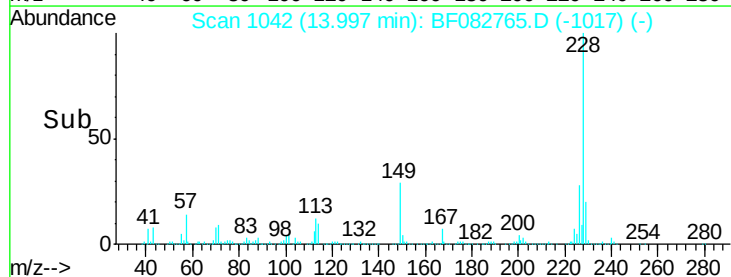
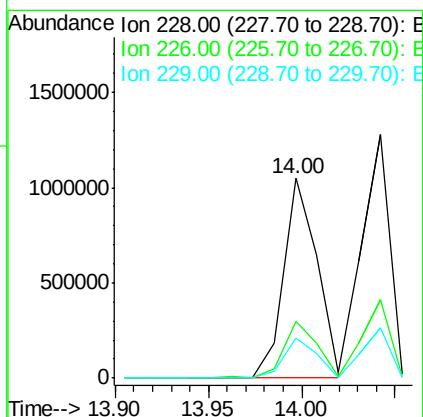
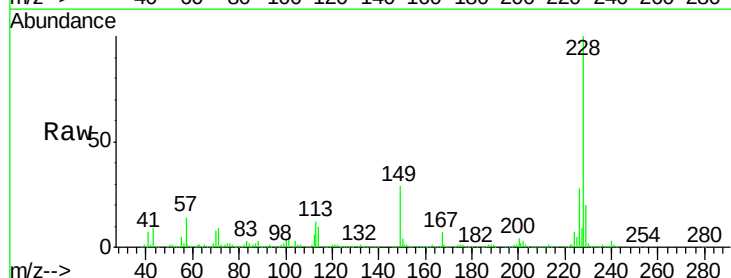
Manual Integrations
APPROVED

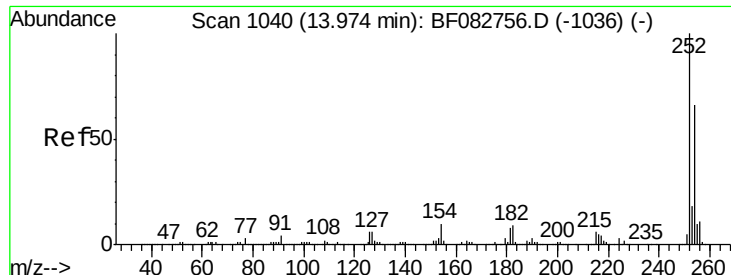
Mmdadoda
11/9/2015 2:10:18 PM



#80
Benzo(a)anthracene
Concen: 38.78 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	20.3	16.3	24.5





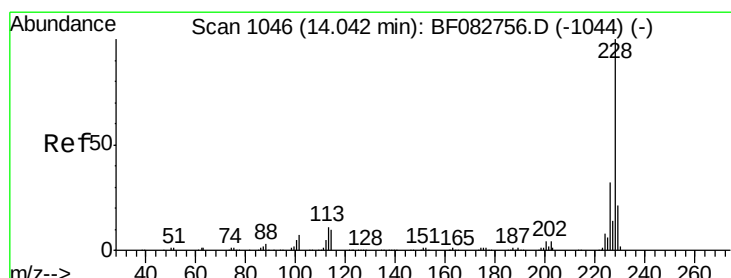
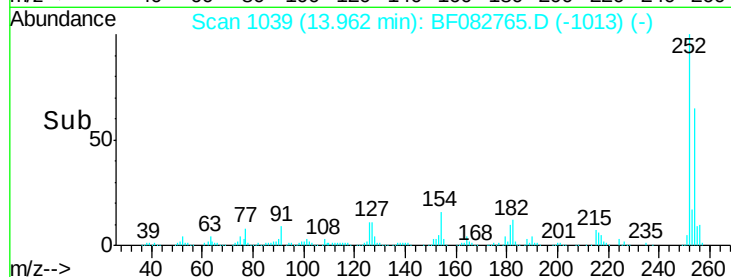
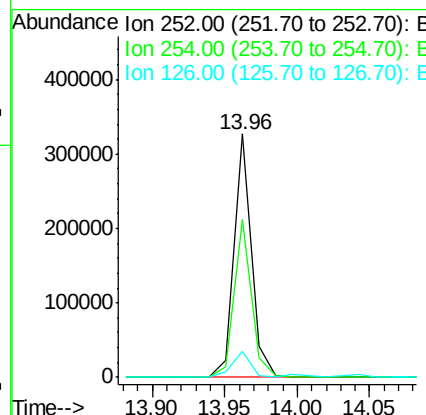
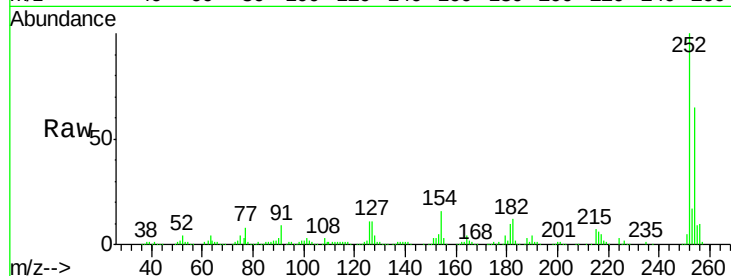
#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	271072		
254	64.7	51.4	77.0	
126	10.9	10.7	16.1	

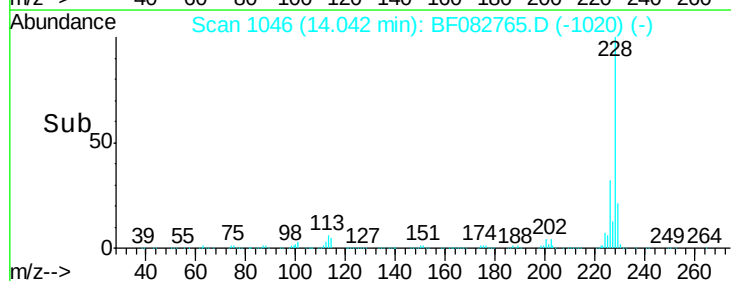
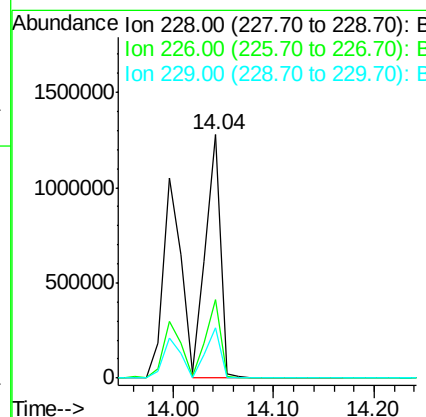
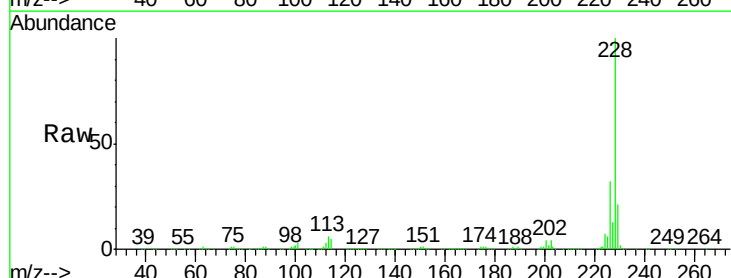
Manual Integrations
 APPROVED

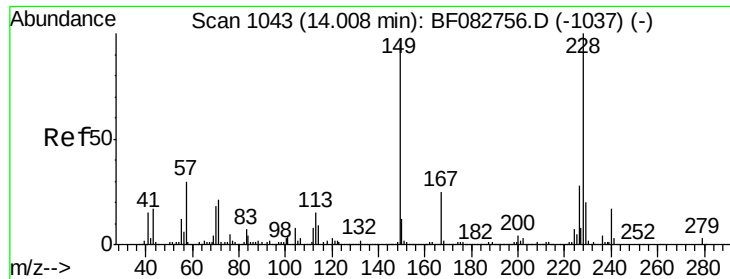
Mmdadoda
 11/9/2015 2:10:18 PM



#82
 Chrysene
 Concen: 42.76 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1322787		
226	32.1	25.5	38.3	
229	20.6	16.3	24.5	





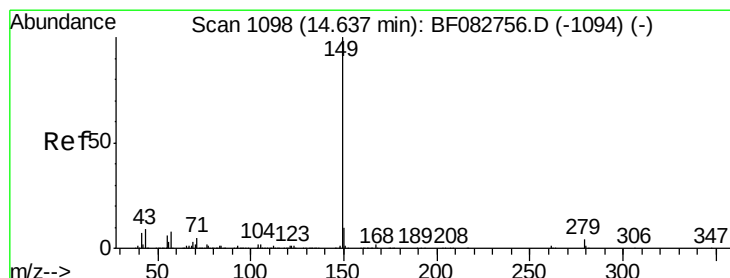
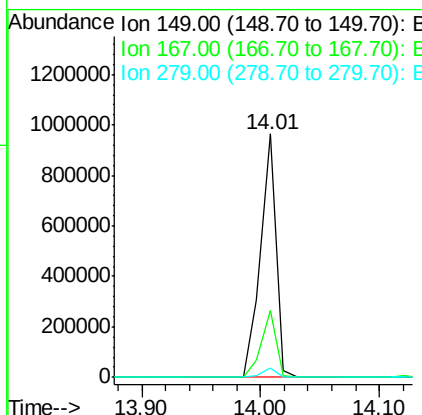
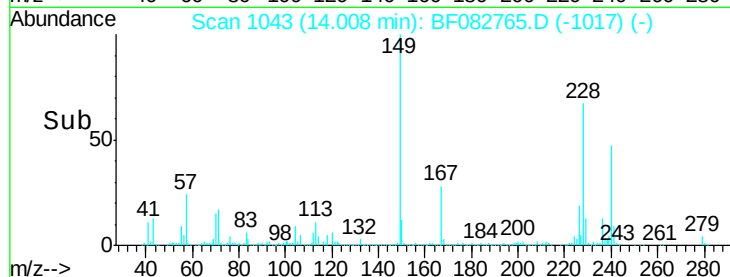
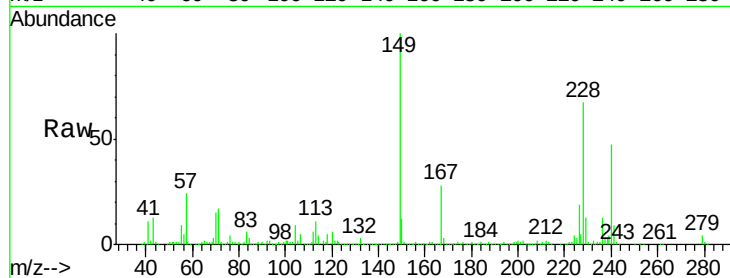
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.99 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	896868		
167	27.7	21.2	31.8	
279	3.8	2.2	3.2#	

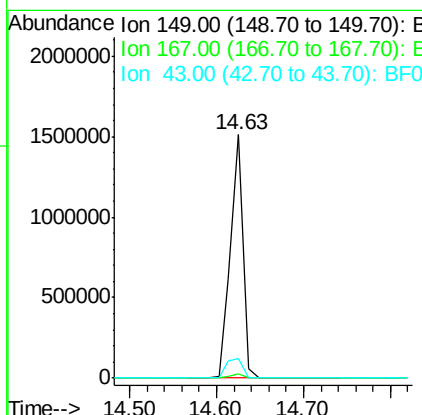
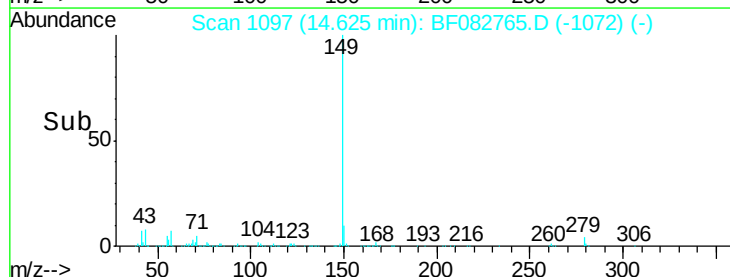
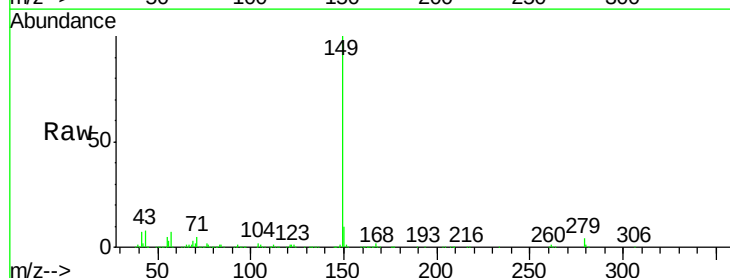
Manual Integrations
 APPROVED

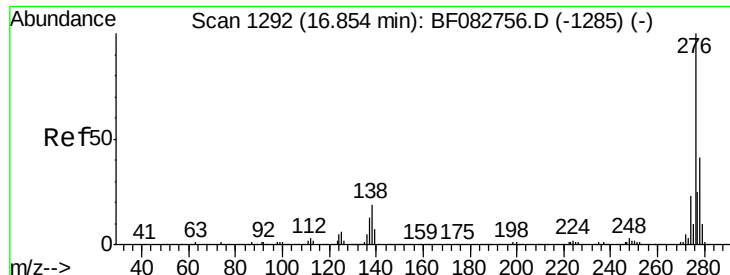
Mmdadoda
 11/9/2015 2:10:18 PM



#84
 Di-n-octyl phthalate
 Concen: 40.46 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1513548		
167	1.4	1.3	1.9	
43	10.6	10.1	15.1	





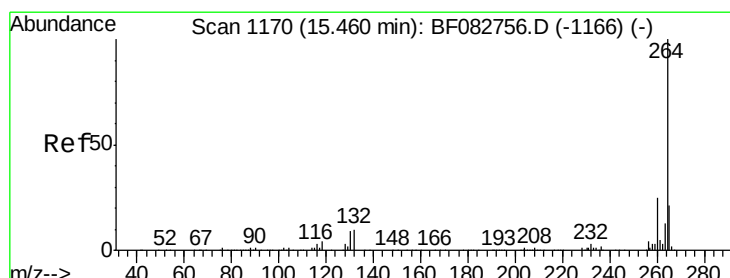
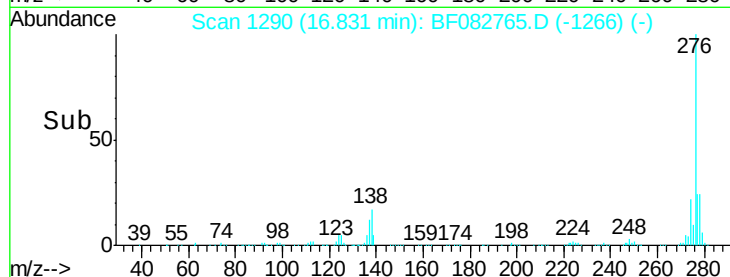
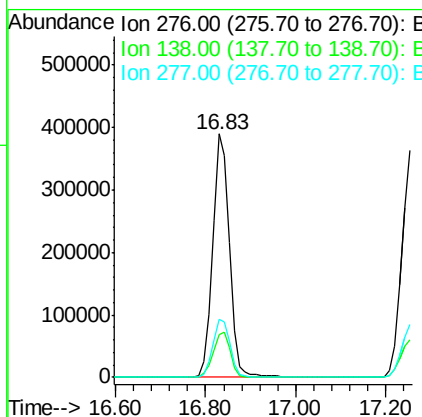
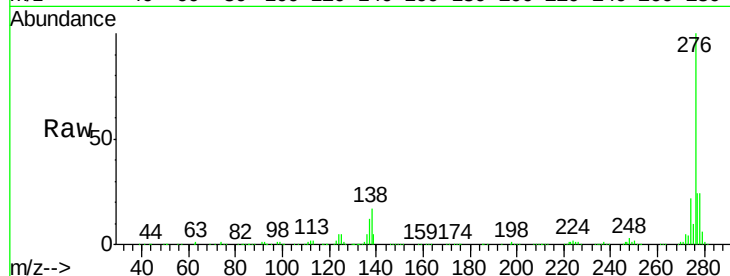
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.83 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.3	22.9
277	24.9	20.2	30.4

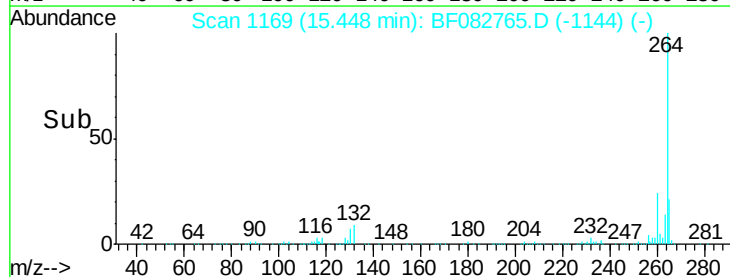
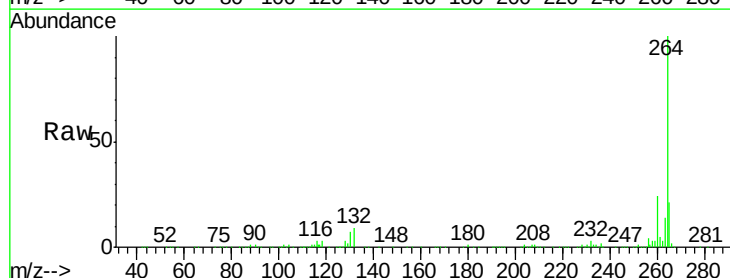
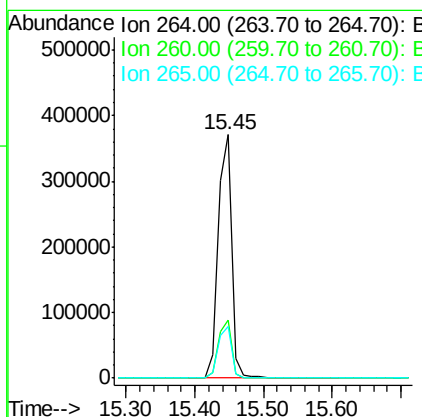
Manual Integrations
 APPROVED

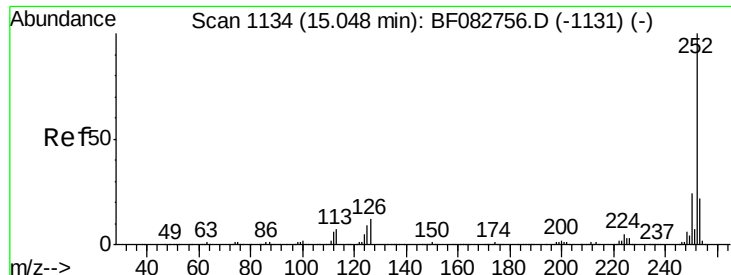
Mmdadoda
 11/9/2015 2:10:18 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 32.85 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

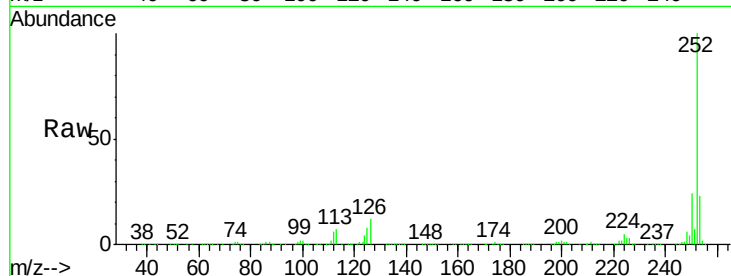
ClientSampleId :

PB86450BSD

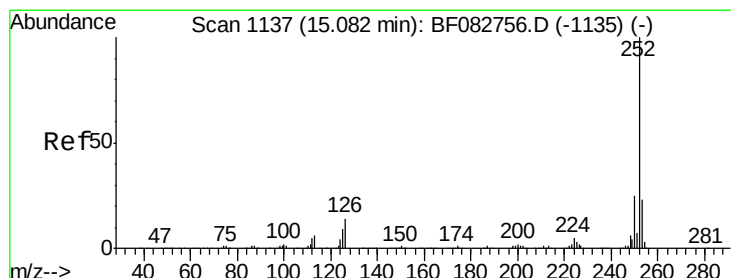
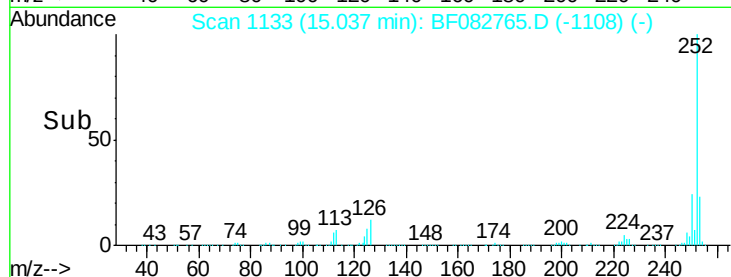
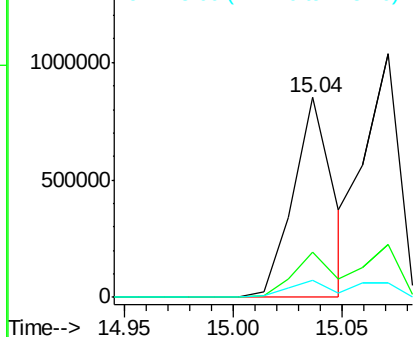
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.5	5.4	8.2

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:18 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.38 ng m

RT: 15.07 min Scan# 1136

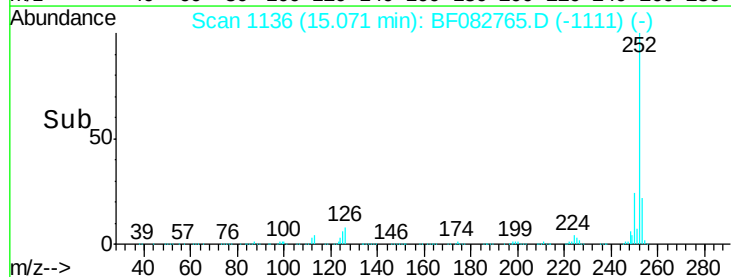
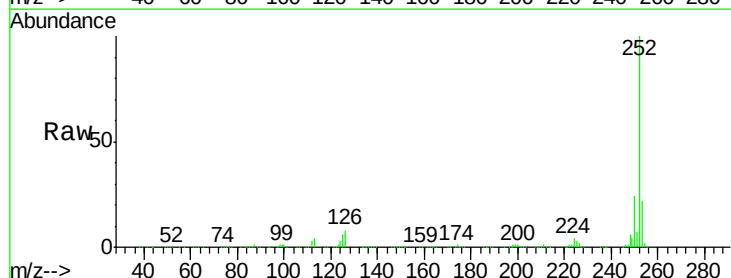
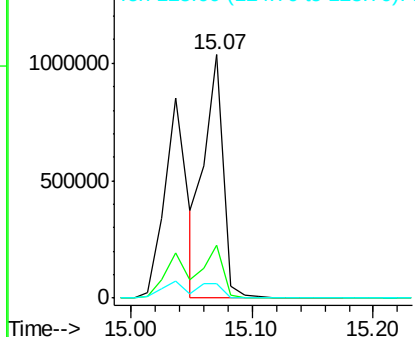
Delta R.T. -0.01 min

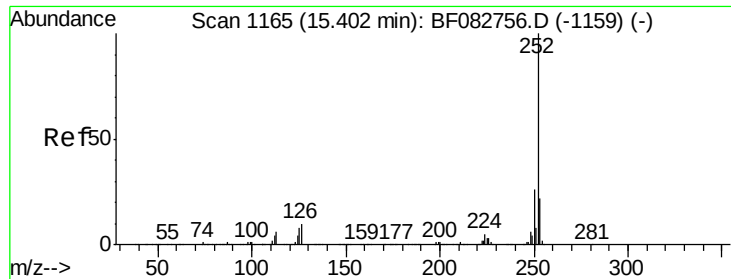
Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	5.7	3.5	5.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





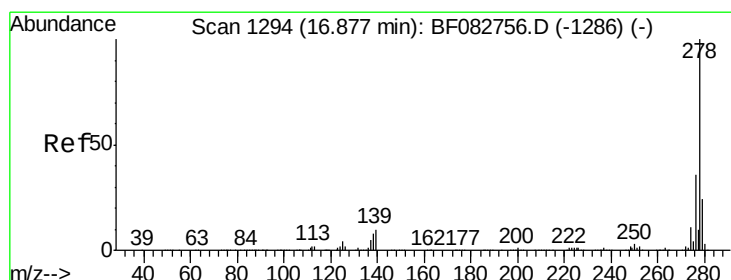
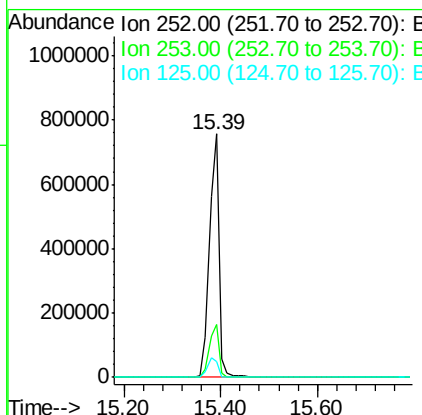
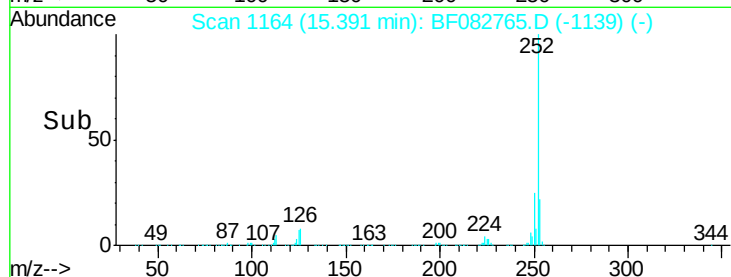
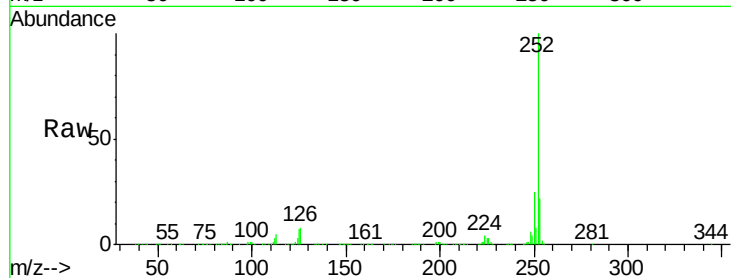
#89
Benzo(a)pyrene
Concen: 37.12 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	6.6	7.1	10.7

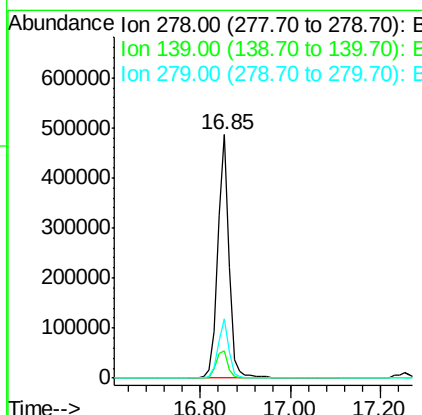
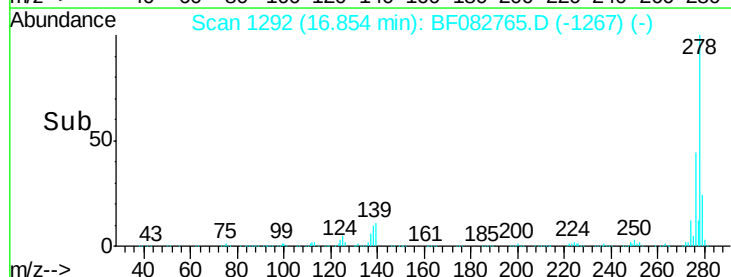
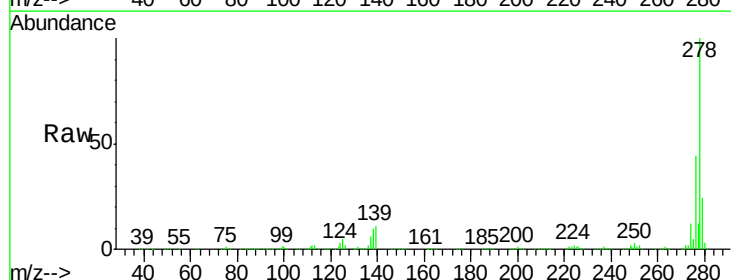
Manual Integrations
APPROVED

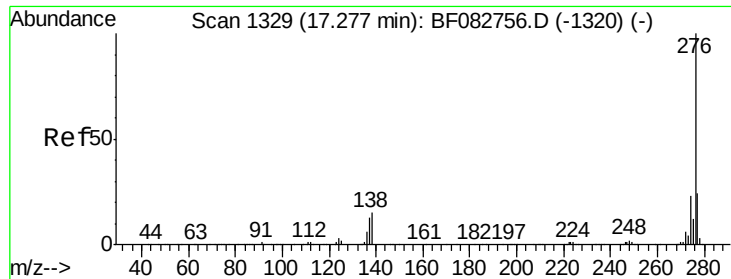
Mmdadoda
11/9/2015 2:10:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.84 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.9	14.9
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.51 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tot Ion:	276	Resp:	802872
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.2	28.8
138	16.8	13.1	19.7

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:18 PM

