

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082027.D
 Acq On : 3 Oct 2015 17:57
 Operator : UM/IZ
 Sample : G3827-03MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:45 PM

Quant Time: Oct 05 17:35:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91689	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	368667	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	186031	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	376791	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	313543	20.00	ng	-0.03
86) Perylene-d12	15.53	264	255480	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	684292	135.48	ng	-0.03
7) Phenol-d6	6.51	99	873570	137.45	ng	-0.05
23) Nitrobenzene-d5	7.45	82	533987	96.55	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	237807	126.22	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	905179	80.60	ng	-0.05
78) Terphenyl-d14	13.02	244	928616	100.74	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	80185	36.51	ng	90
3) Pyridine	3.23	79	227921	39.86	ng	86
4) n-Nitrosodimethylamine	3.20	42	104196	40.12	ng	97
6) Aniline	6.55	93	254987	29.86	ng	# 86
8) 2-Chlorophenol	6.67	128	267048	47.88	ng	97
9) Benzaldehyde	6.43	77	54414	13.07	ng	# 83
10) Phenol	6.54	94	326794	45.84	ng	79
11) bis(2-Chloroethyl)ether	6.63	93	278574	50.38	ng	94
12) 1,3-Dichlorobenzene	6.82	146	273889m	41.57	ng	
13) 1,4-Dichlorobenzene	6.90	146	299364m	43.52	ng	
14) 1,2-Dichlorobenzene	7.06	146	278577	45.44	ng	98
15) Benzyl Alcohol	7.03	79	195860	42.69	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	354553	45.36	ng	83
17) 2-Methylphenol	7.14	107	221255	48.93	ng	# 86
18) Hexachloroethane	7.39	117	95691	44.43	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	169649	43.92	ng	# 78
20) 3+4-Methylphenols	7.29	107	257992	45.17	ng	# 69
22) Acetophenone	7.30	105	357252	47.39	ng	# 82
24) Nitrobenzene	7.47	77	259993	43.29	ng	# 69
25) Isophorone	7.71	82	499437	45.56	ng	# 92
26) 2-Nitrophenol	7.79	139	149215	51.76	ng	# 83
27) 2,4-Dimethylphenol	7.83	122	276677	54.56	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	302474	46.47	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	246346	50.10	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	245845	44.78	ng	99
31) Naphthalene	8.19	128	739357	45.26	ng	98
32) Benzoic acid	7.89	122	12506m	10.84	ng	
33) 4-Chloroaniline	8.25	127	180909	25.61	ng	# 97
34) Hexachlorobutadiene	8.31	225	142097	43.77	ng	97
35) Caprolactam	8.63	113	66511m	48.86	ng	
36) 4-Chloro-3-methylphenol	8.73	107	251958	52.40	ng	85
37) 2-Methylnaphthalene	8.89	142	522103	46.82	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	241558	42.30	ng	99
40) Hexachlorocyclopentadiene	9.04	237	232434	79.03	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082027.D
 Acq On : 3 Oct 2015 17:57
 Operator : UM/IZ
 Sample : G3827-03MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:45 PM

Quant Time: Oct 05 17:35:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	169148	43.20	nq	100
43) 2,4,5-Trichlorophenol	9.21	196	199744	49.61	nq	97
45) 1,1'-Biphenyl	9.36	154	646833	45.07	nq	94
46) 2-Chloronaphthalene	9.38	162	529218	46.96	nq	96
47) 2-Nitroaniline	9.49	65	162430	49.10	nq	90
48) Acenaphthylene	9.79	152	768881	42.63	nq	96
49) Dimethylphthalate	9.67	163	942784	73.42	nq	# 97
50) 2,6-Dinitrotoluene	9.73	165	135973	48.77	nq	# 68
51) Acenaphthene	9.97	154	457801	42.74	nq	88
52) 3-Nitroaniline	9.90	138	122021	37.83	nq	# 74
53) 2,4-Dinitrophenol	10.00	184	25156	31.51	nq	# 51
54) Dibenzofuran	10.15	168	696909	46.04	nq	95
55) 4-Nitrophenol	10.06	139	206889	88.78	nq	# 46
56) 2,4-Dinitrotoluene	10.13	165	175835	49.48	nq	# 69
57) Fluorene	10.49	166	558352	51.90	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	175922	55.08	nq	90
59) Diethylphthalate	10.37	149	593312	49.47	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	270477	48.81	nq	94
61) 4-Nitroaniline	10.53	138	149710	46.29	nq	# 64
62) Azobenzene	10.64	77	571465	48.82	nq	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	64593	39.47	nq	90
65) n-Nitrosodiphenylamine	10.61	169	513040	45.00	nq	91
66) 4-Bromophenyl-phenylether	10.97	248	176446	46.44	nq	97
67) Hexachlorobenzene	11.03	284	165708	38.65	nq	# 83
68) Atrazine	11.13	200	158267	44.74	nq	83
69) Pentachlorophenol	11.23	266	199034	81.47	nq	99
70) Phenanthrene	11.45	178	820874	45.28	nq	96
71) Anthracene	11.51	178	900373	47.01	nq	98
72) Carbazole	11.66	167	814769	47.01	nq	95
73) Di-n-butylphthalate	11.99	149	851421	48.33	nq	# 98
74) Fluoranthene	12.64	202	886097	43.90	nq	90
76) Benzidine	12.78	184	329021	34.83	nq	98
77) Pyrene	12.87	202	850055	45.38	nq	96
79) Butylbenzylphthalate	13.50	149	391697	55.57	nq	97
80) Benzo(a)anthracene	14.07	228	710248	42.07	nq	95
81) 3,3'-Dichlorobenzidine	14.04	252	223711	39.23	nq	# 93
82) Chrysene	14.10	228	735683	64.20	nq	94
83) Bis(2-ethylhexyl)phthalate	14.06	149	506302	57.26	nq	# 94
84) Di-n-octyl phthalate	14.68	149	816487	56.75	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	669587	50.70	nq	# 87
87) Benzo(b)fluoranthene	15.11	252	764623m	52.42	nq	
88) Benzo(k)fluoranthene	15.14	252	505925m	37.84	nq	
89) Benzo(a)pyrene	15.48	252	603003	47.66	nq	# 86
90) Dibenzo(a,h)anthracene	17.02	278	561048	52.85	nq	# 79
91) Benzo(g,h,i)perylene	17.44	276	552228	50.76	nq	# 74

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

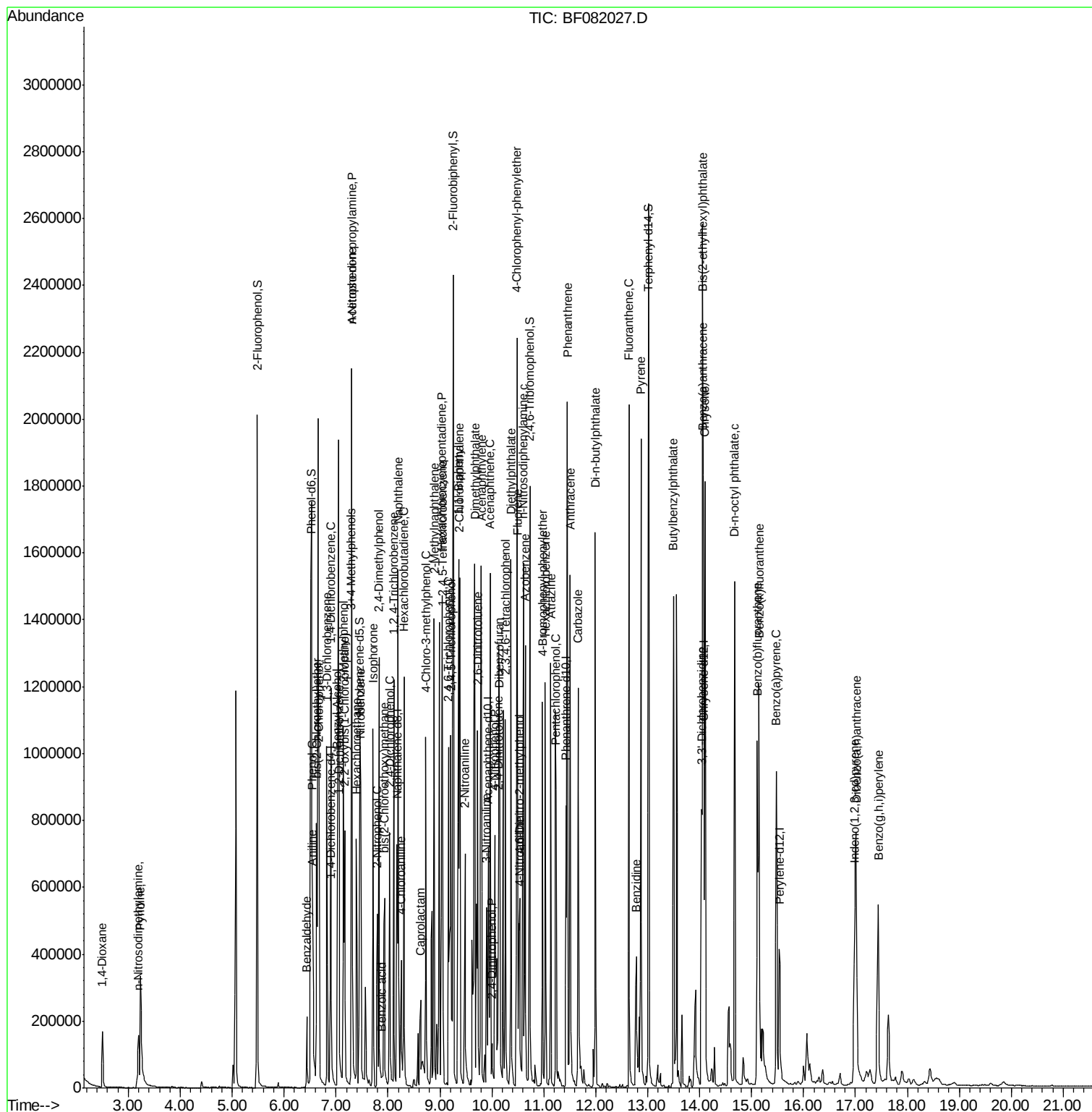
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082027.D
 Acq On : 3 Oct 2015 17:57
 Operator : UM/IZ
 Sample : G3827-03MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

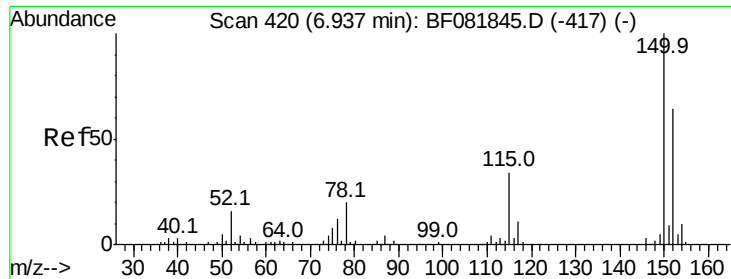
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:45 PM

Quant Time: Oct 05 17:35:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration





#1

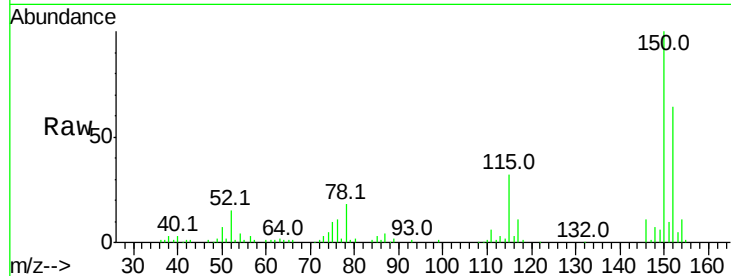
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

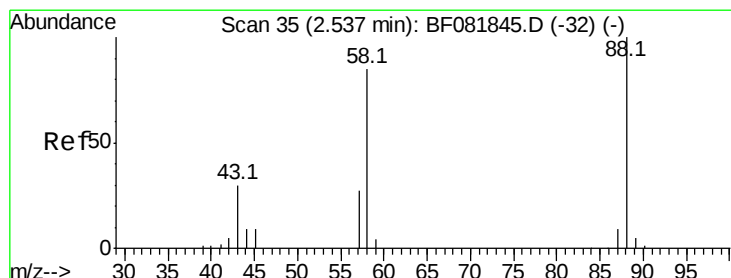
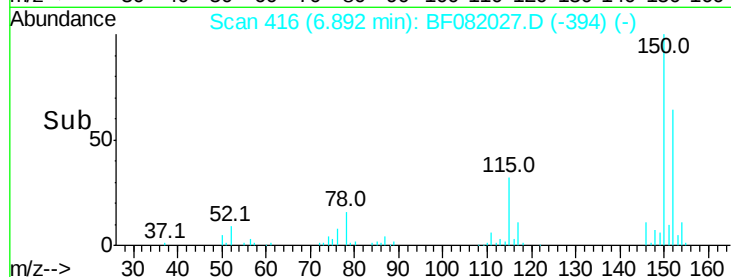
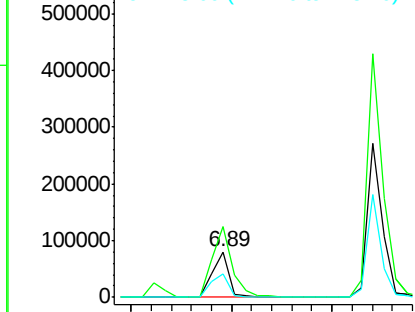
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	50.5	39.0	58.4

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 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

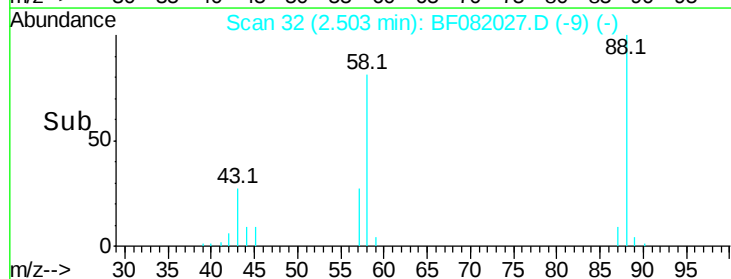
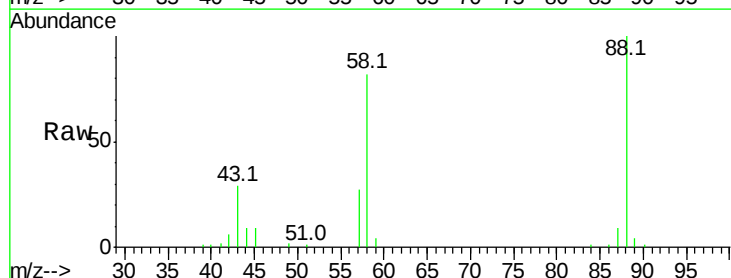
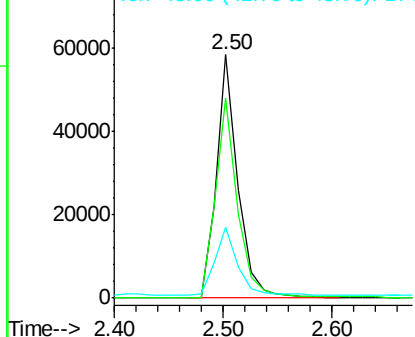


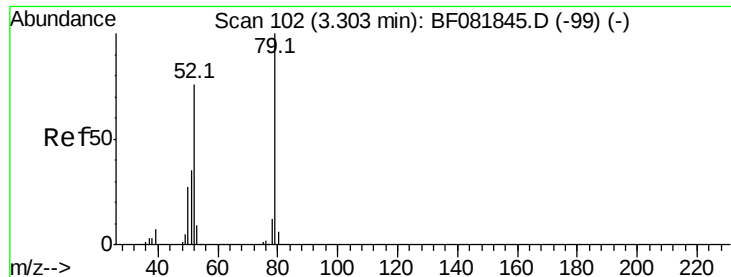
#2

1,4-Dioxane
Concen: 36.51 ng
RT: 2.50 min Scan# 32
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	77.7	116.5
43	29.0	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: 39.86 ng

RT: 3.23 min Scan# 96

Delta R.T. -0.07 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

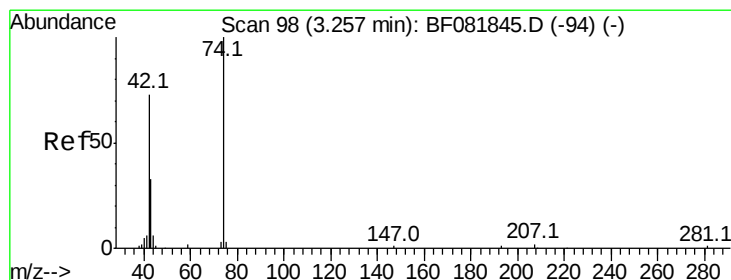
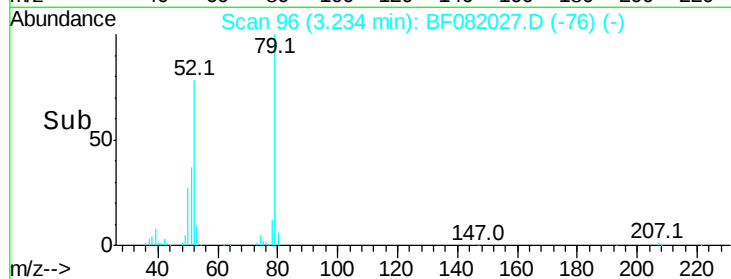
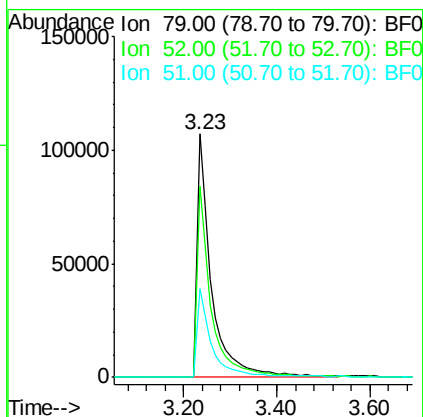
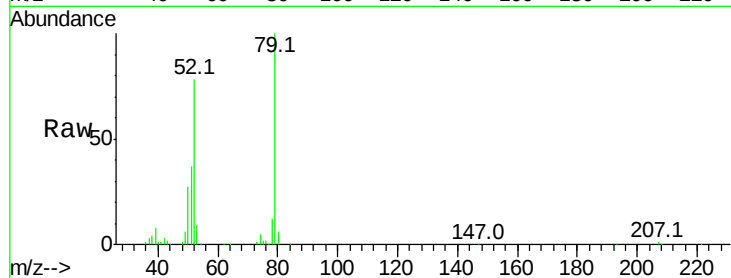
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion:	79	Resp:	227921
Ion Ratio	Lower	Upper	
79	100		
52	78.4	76.8	115.2
51	36.6	32.2	48.4



#4

n-Nitrosodimethylamine

Concen: 40.12 ng

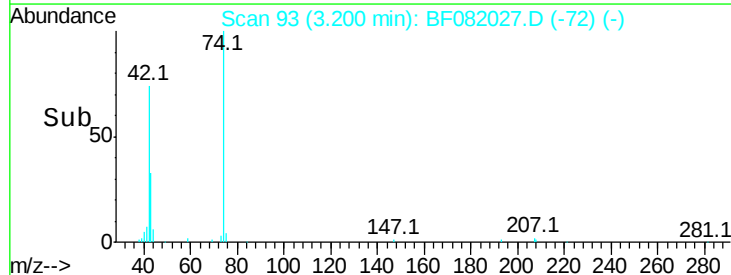
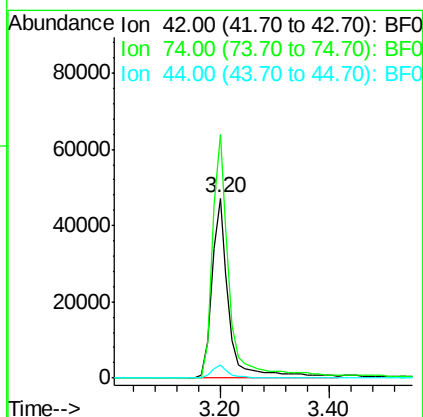
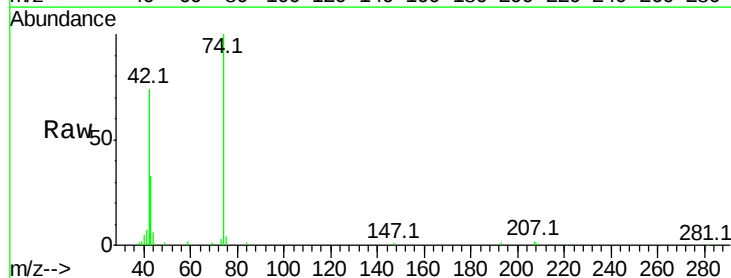
RT: 3.20 min Scan# 93

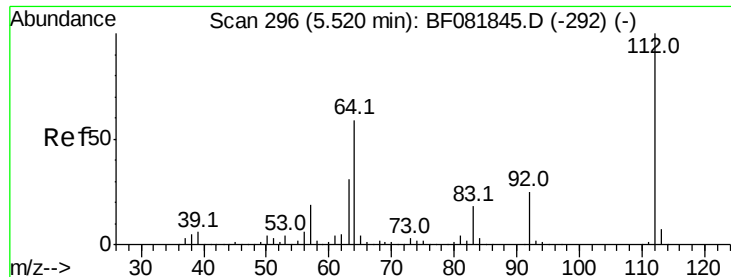
Delta R.T. -0.06 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	42	Resp:	104196
Ion Ratio	Lower	Upper	
42	100		
74	135.3	105.0	157.6
44	7.6	6.6	10.0





#5

2-Fluorophenol

Concen: 135.48 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

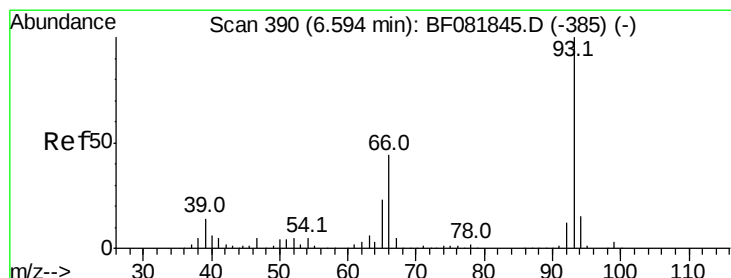
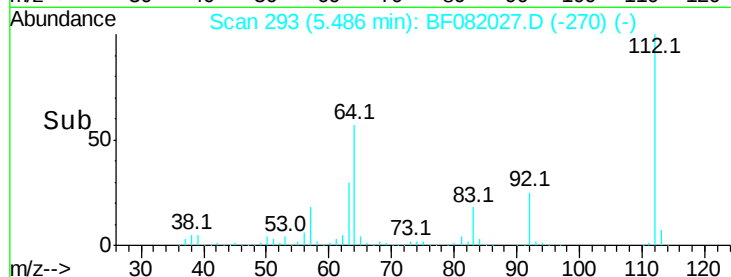
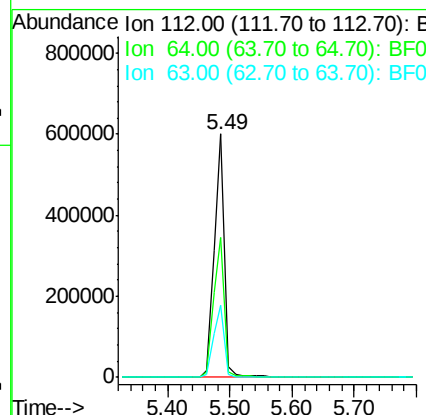
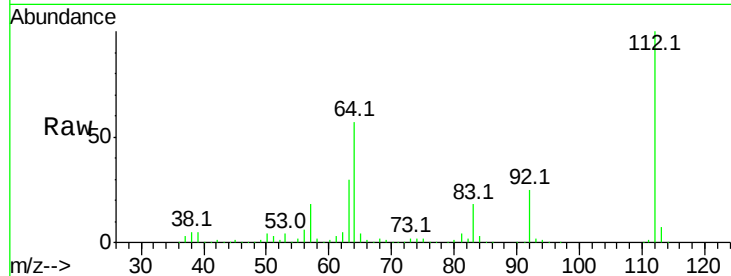
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.3	39.7	59.5
63	29.6	17.4	26.0#



#6

Aniline

Concen: 29.86 ng

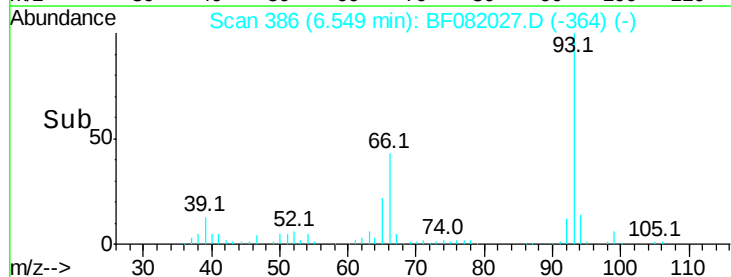
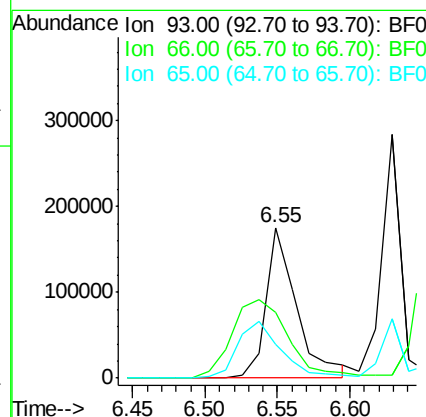
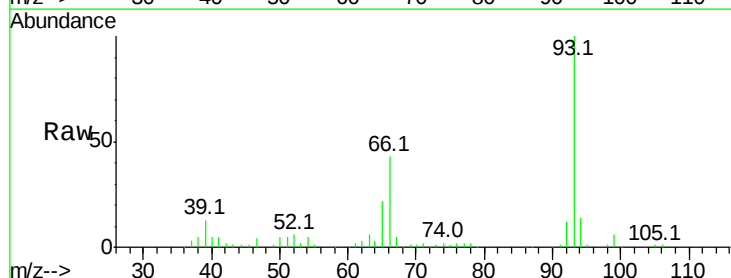
RT: 6.55 min Scan# 386

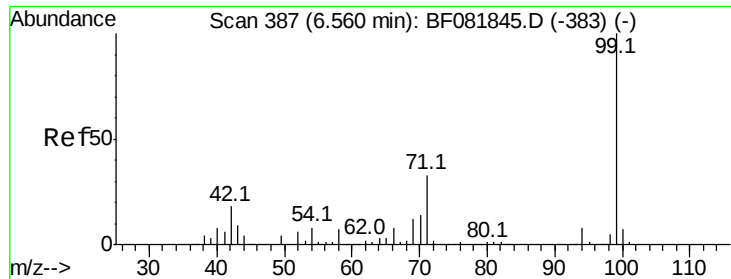
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.4	27.2	40.8#
65	22.5	14.7	22.1#





#7

Phenol-d6

Concen: 137.45 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MS

Tot Ion: 99 Resp: 873570

Ion Ratio Lower Upper

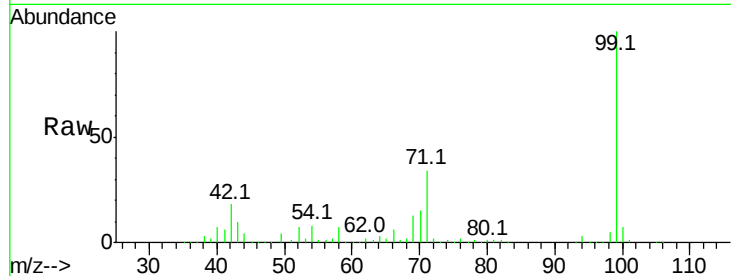
99 100

42 18.4 13.7 20.5

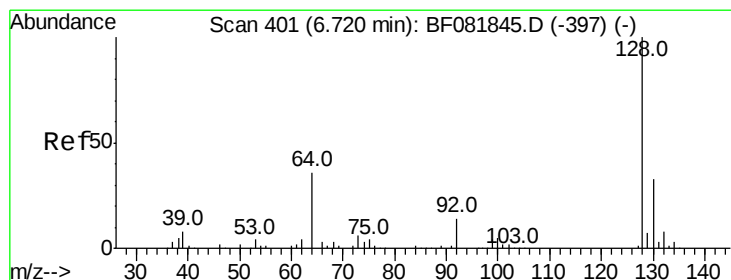
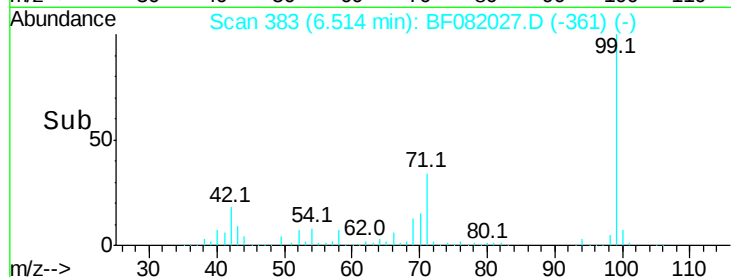
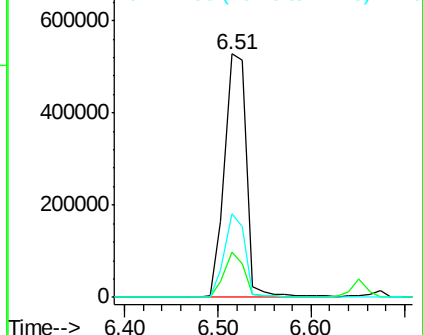
71 34.2 14.2 21.2#

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 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: 47.88 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

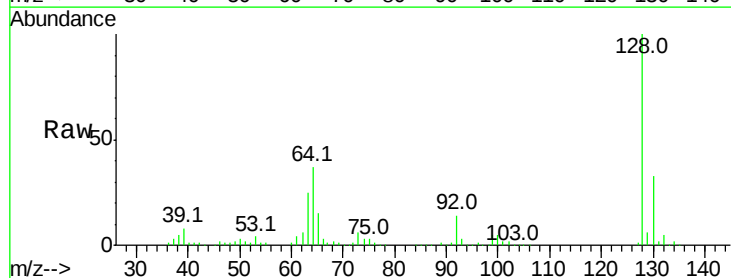
Tgt Ion: 128 Resp: 267048

Ion Ratio Lower Upper

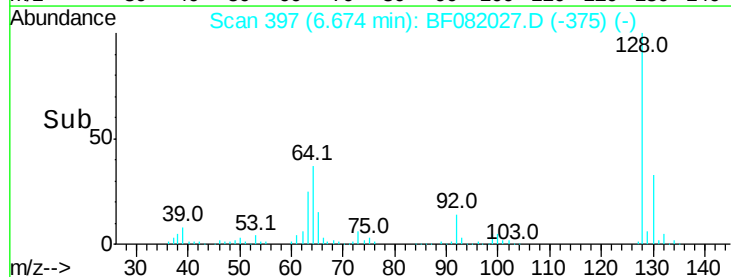
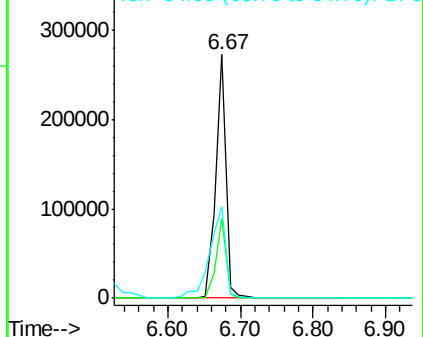
128 100

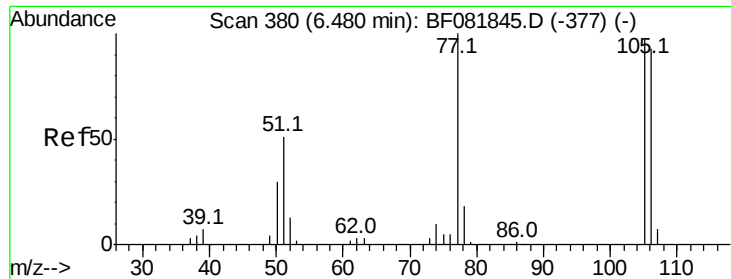
130 33.0 12.2 52.2

64 37.4 20.5 60.5



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: 13.07 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

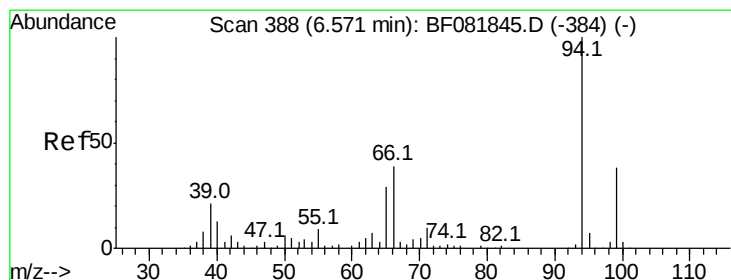
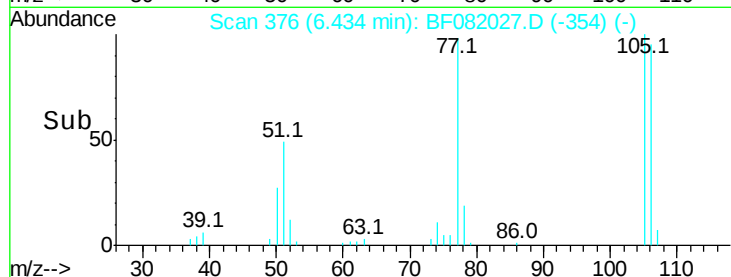
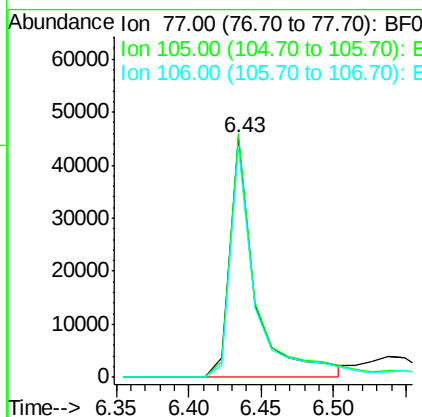
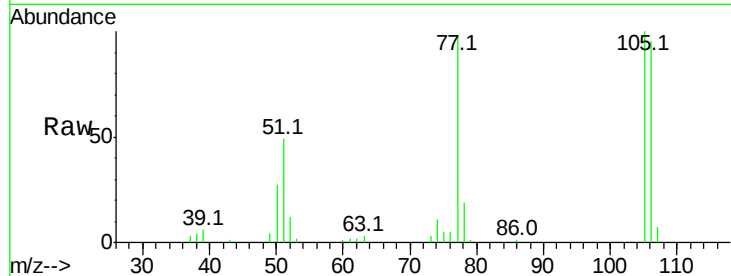
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion:	77	Resp:	54414
Ion	Ratio	Lower	Upper
77	100		
105	101.6	91.6	131.6
106	96.3	102.6	142.6#



#10

Phenol

Concen: 45.84 ng

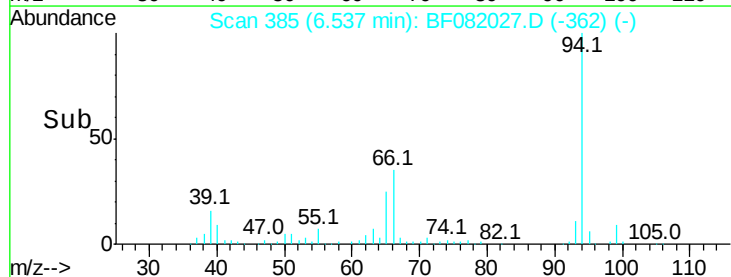
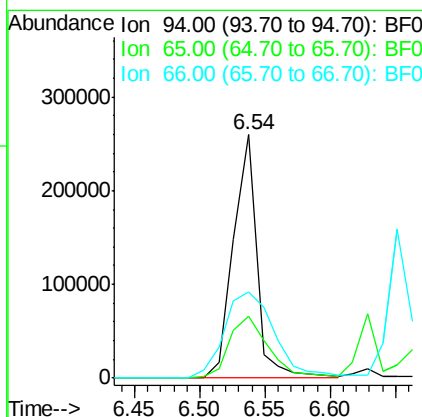
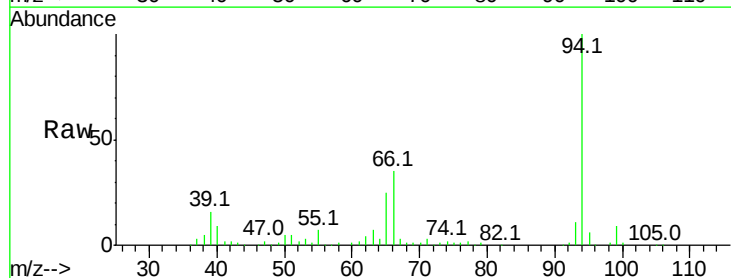
RT: 6.54 min Scan# 385

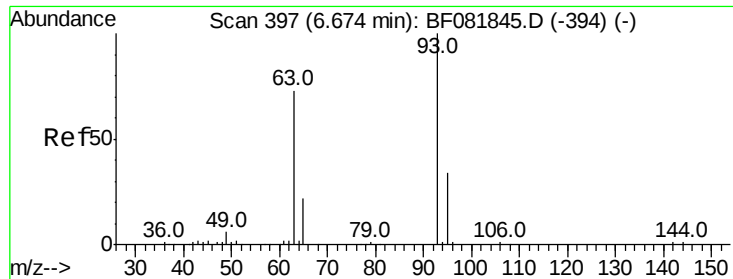
Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	94	Resp:	326794
Ion	Ratio	Lower	Upper
94	100		
65	25.4	0.7	40.7
66	35.5	0.8	40.8





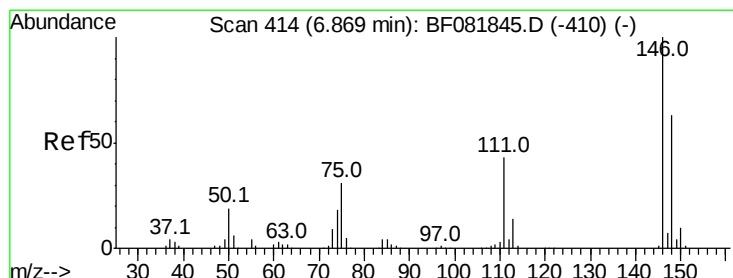
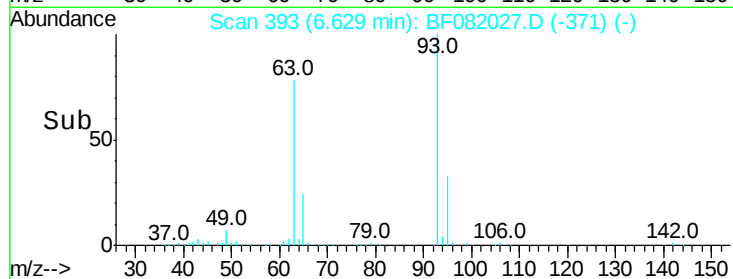
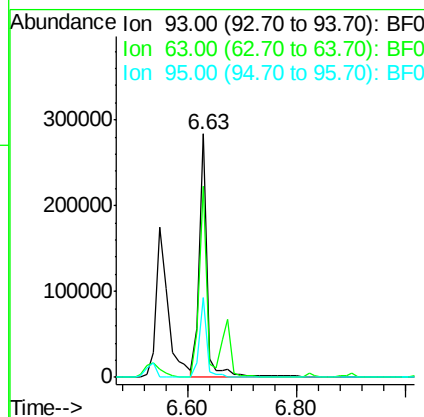
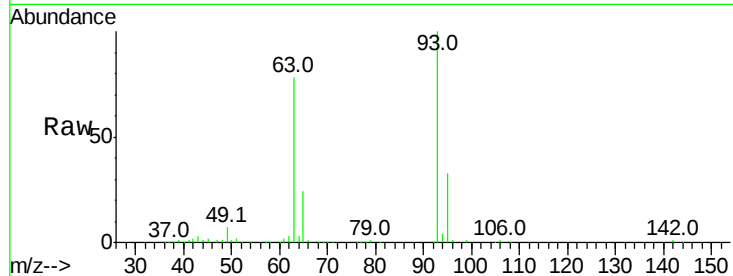
#11
bis(2-Chloroethyl)ether
Concen: 50.38 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	278574		
63	78.4	65.6	105.6	
95	32.7	13.6	53.6	

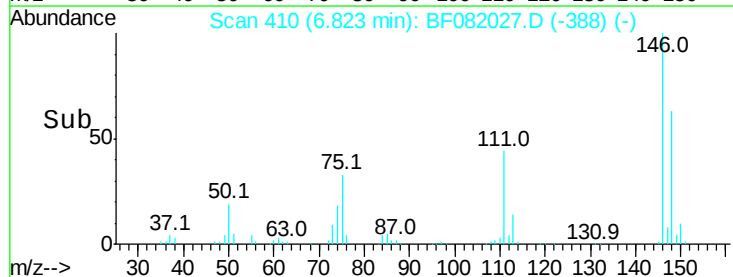
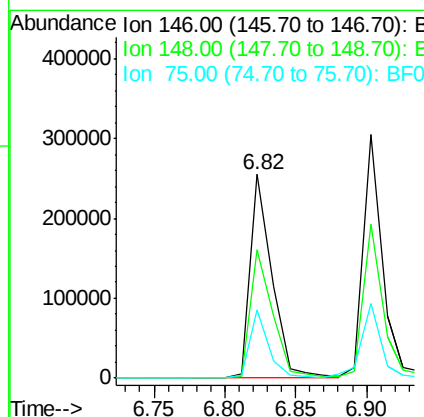
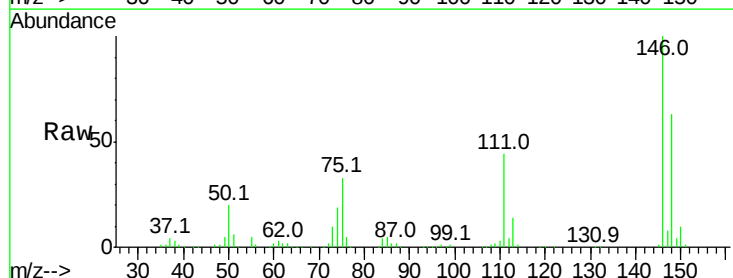
Manual Integrations
APPROVED

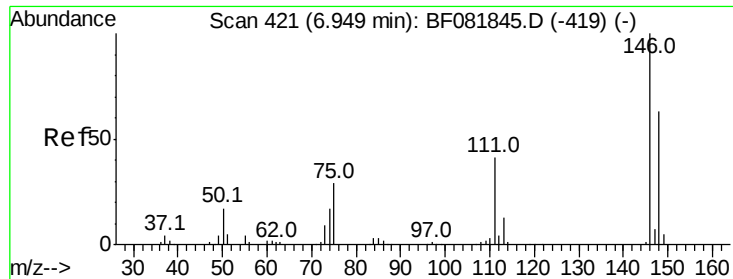
MMDADODA
10/5/2015 6:27:45 PM



#12
1,3-Dichlorobenzene
Concen: 41.57 ng m
RT: 6.82 min Scan# 410
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	273889		
148	63.4	51.0	76.4	
75	33.4	15.0	22.6	





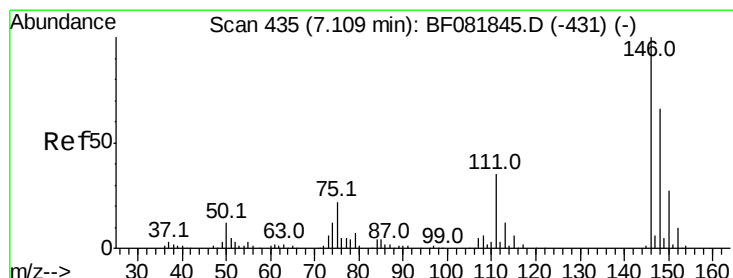
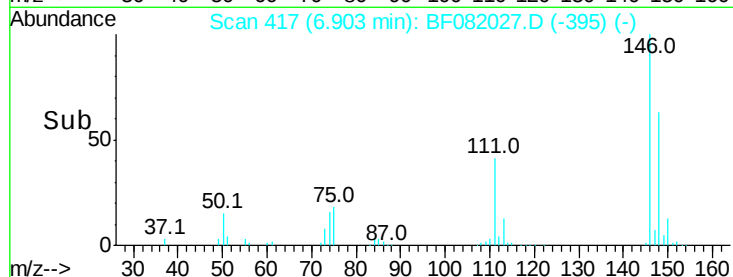
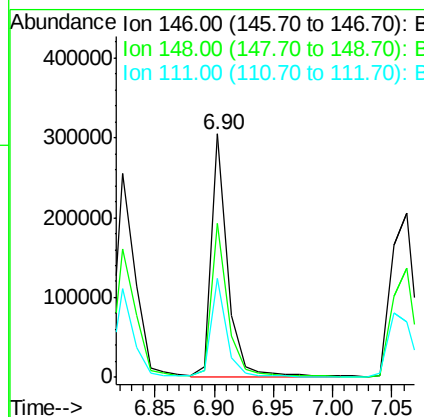
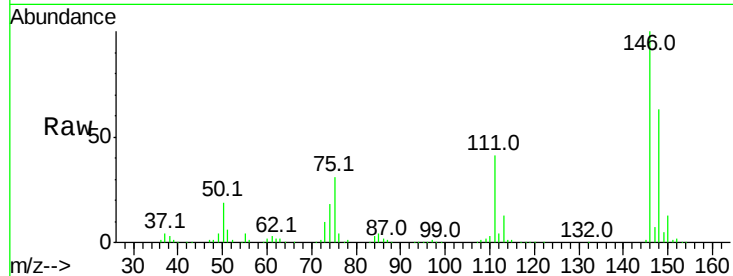
#13
1,4-Dichlorobenzene
Concen: 43.52 ng/ml
RT: 6.90 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
111	40.7	24.9	37.3

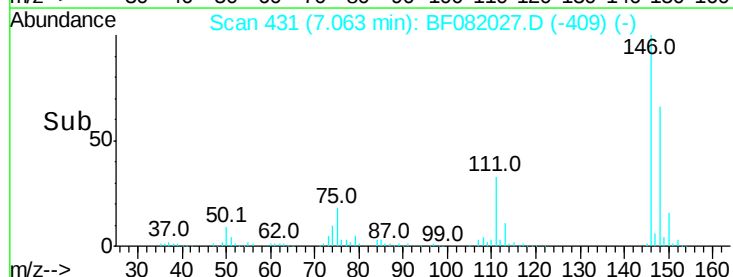
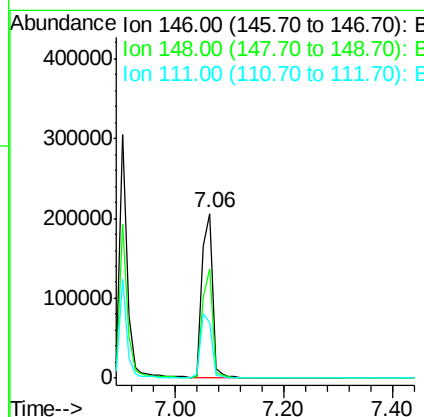
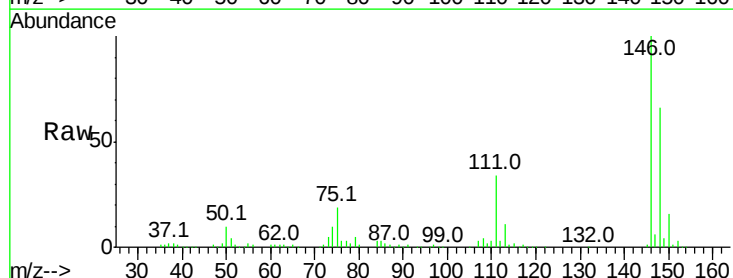
Manual Integrations
APPROVED

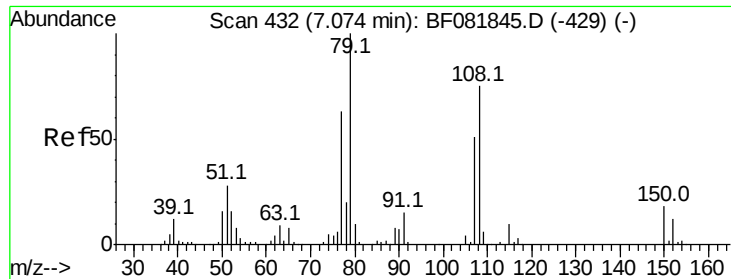
MMDADODA
10/5/2015 6:27:45 PM



#14
1,2-Dichlorobenzene
Concen: 45.44 ng/ml
RT: 7.06 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.7	79.1
111	33.7	28.8	43.2





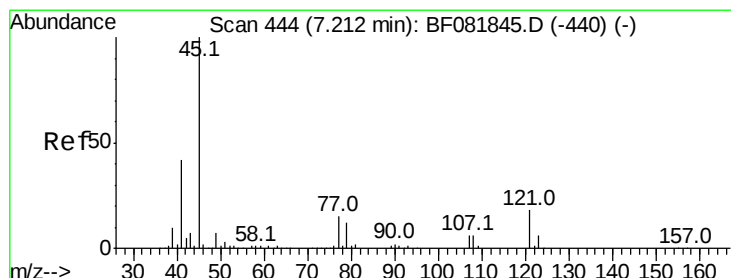
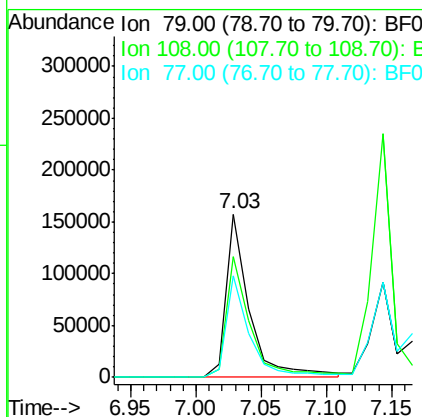
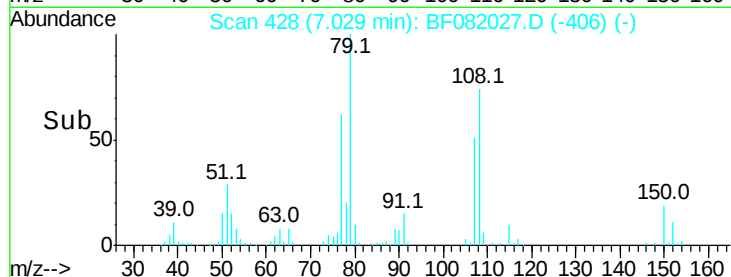
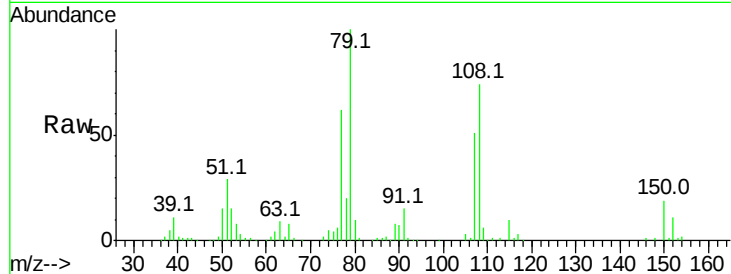
#15
Benzyl Alcohol
Concen: 42.69 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion: 79 Resp: 195860
Ion Ratio Lower Upper
79 100
108 74.4 88.6 132.8#
77 62.2 47.0 70.4

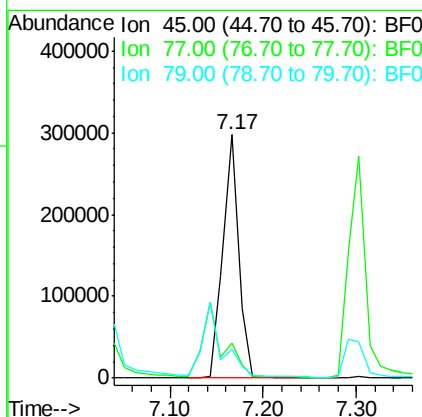
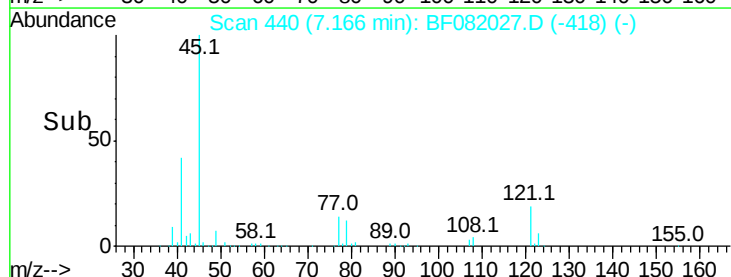
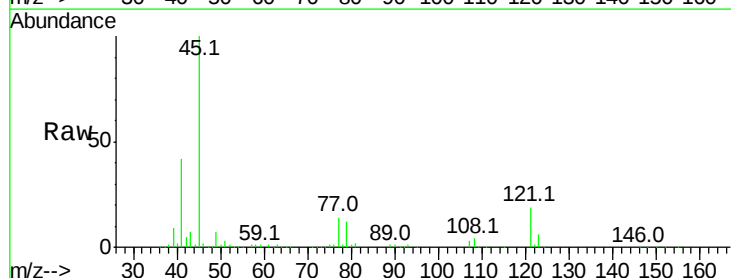
Manual Integrations
APPROVED

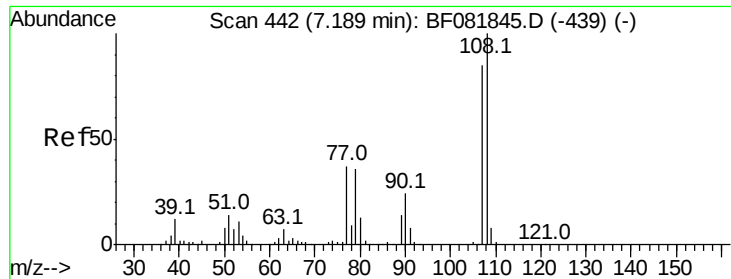
MMDADODA
10/5/2015 6:27:45 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.36 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion: 45 Resp: 354553
Ion Ratio Lower Upper
45 100
77 14.1 0.0 28.1
79 11.6 0.0 26.0





#17

2-Methylphenol

Concen: 48.93 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

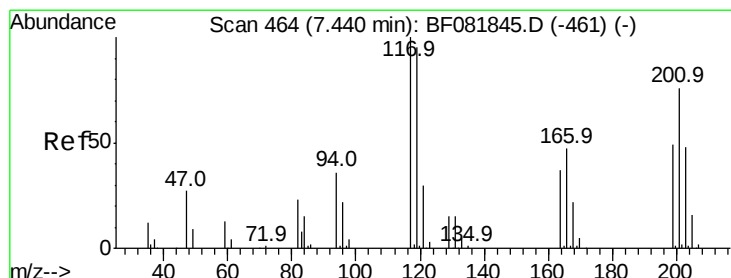
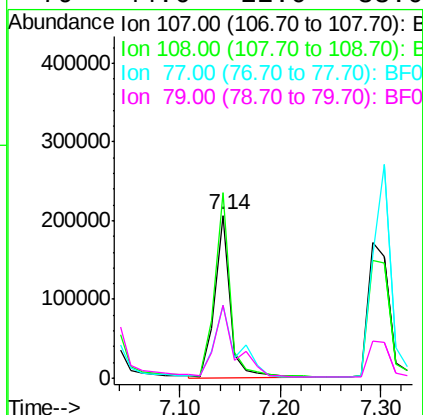
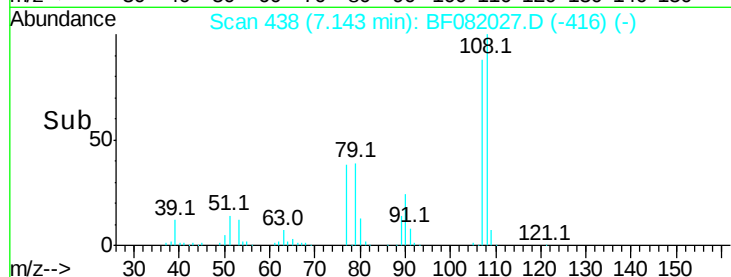
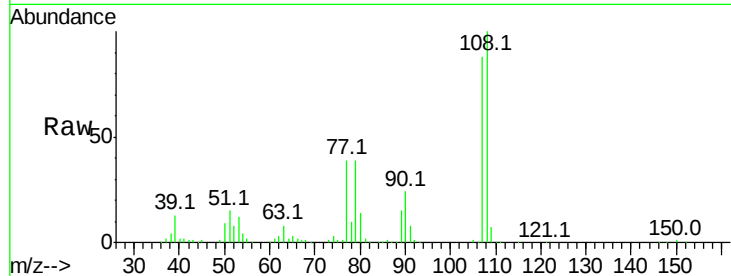
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	96.6	145.0	
77	44.6	23.3	34.9	
79	44.6	22.0	33.0	



#18

Hexachloroethane

Concen: 44.43 ng

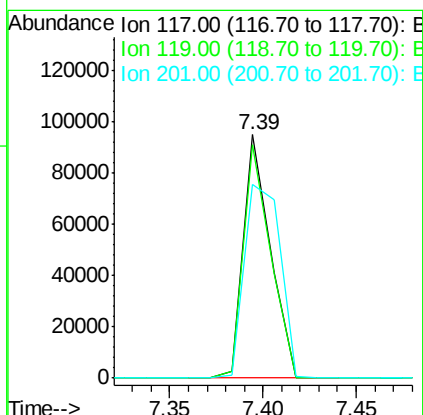
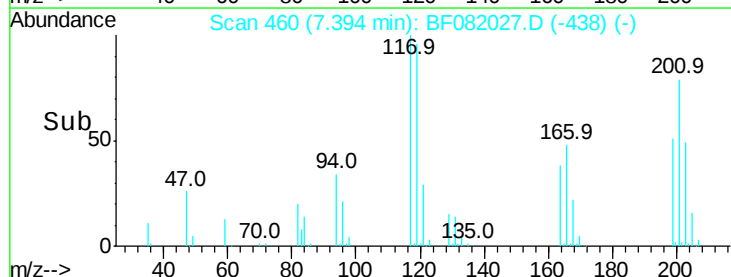
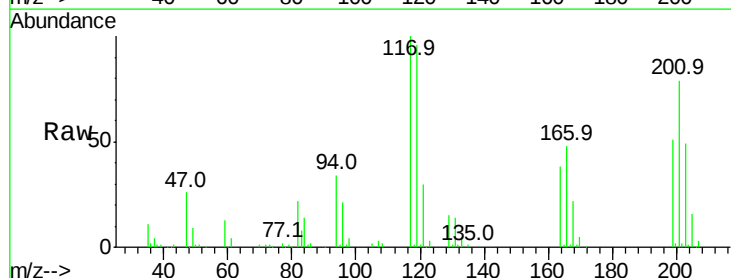
RT: 7.39 min Scan# 460

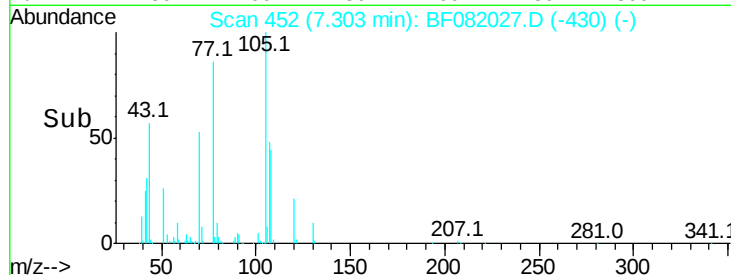
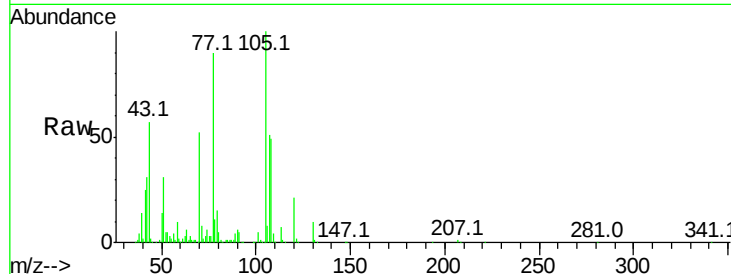
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	83.8	125.6	
201	79.5	55.1	82.7	





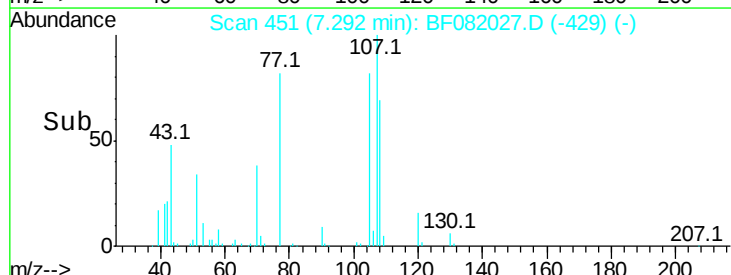
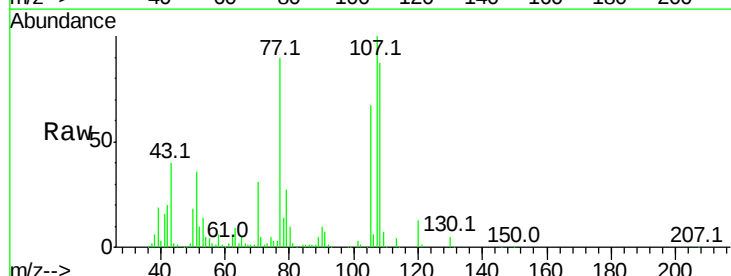
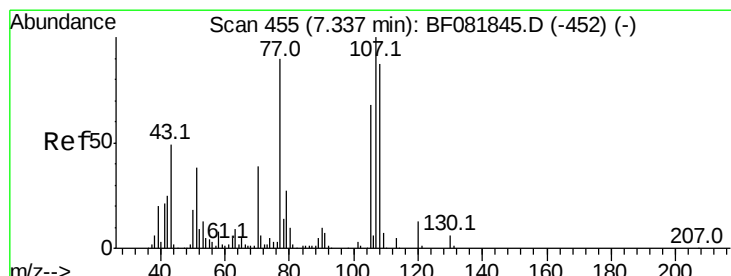
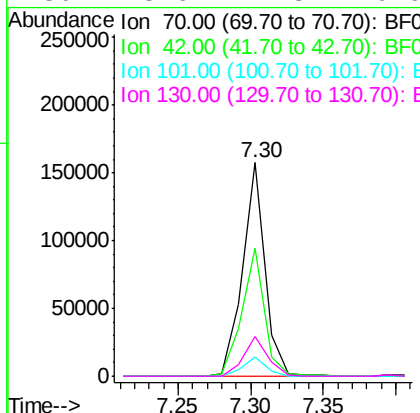
#19
n-Nitroso-di-n-propylamine
Concen: 43.92 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Manual Integrations
APPROVED

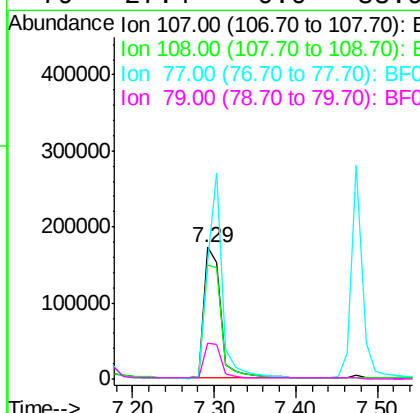
MMDADODA
10/5/2015 6:27:45 PM

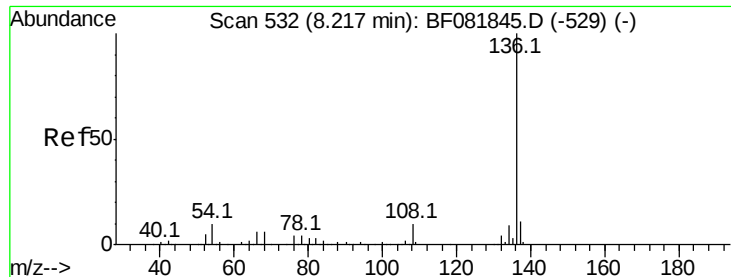
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	63.8	95.6#
101	9.2	9.2	13.8
130	18.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 45.17 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	74.6	114.6
77	89.9	0.7	40.7#
79	27.4	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

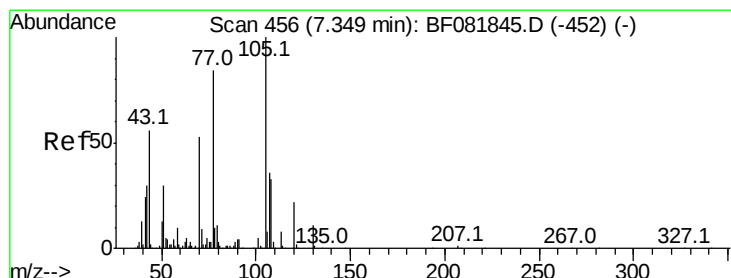
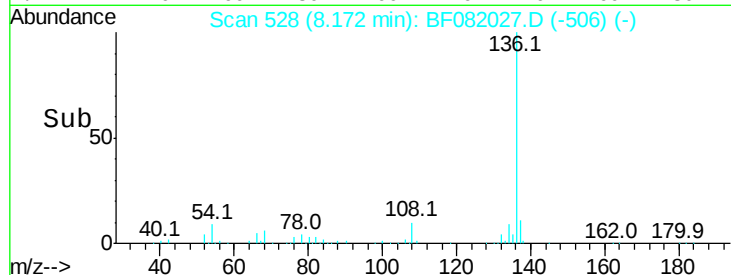
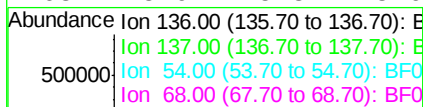
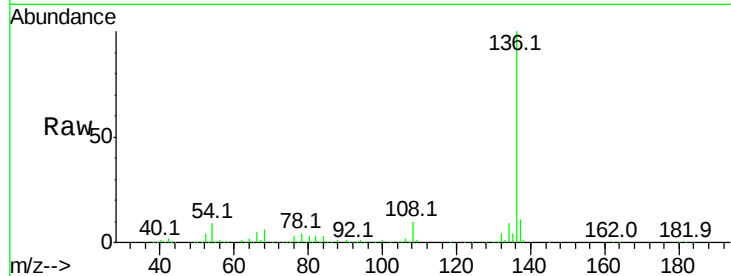
ClientSampleId :

MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.6	
54	9.2	8.2	12.2	
68	5.9	5.8	8.6	

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#22

Acetophenone

Concen: 47.39 ng

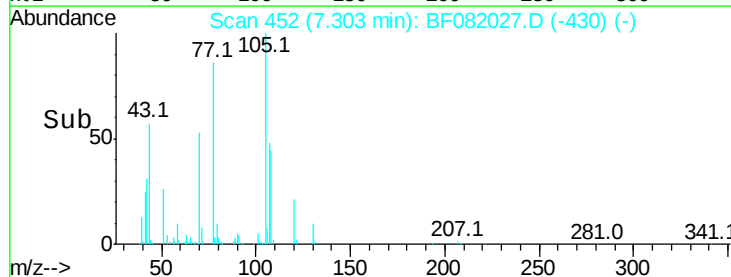
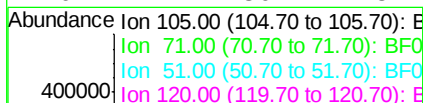
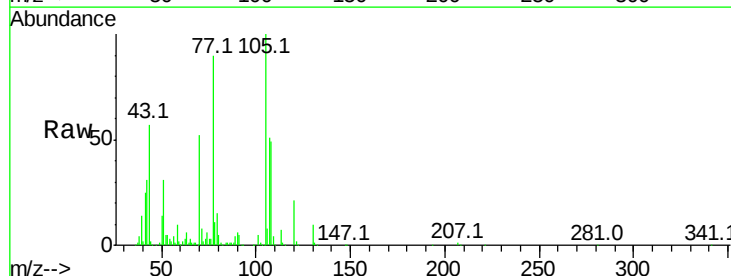
RT: 7.30 min Scan# 452

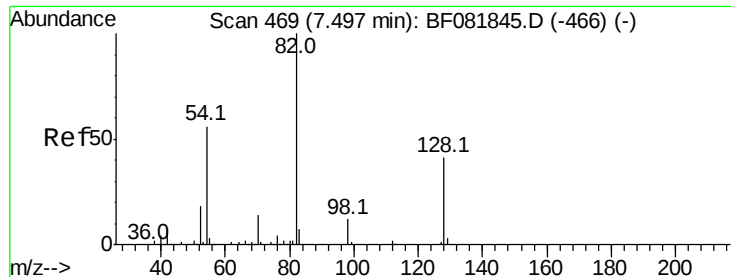
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.7	7.1#	
51	31.1	22.0	33.0	
120	21.4	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 96.55 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

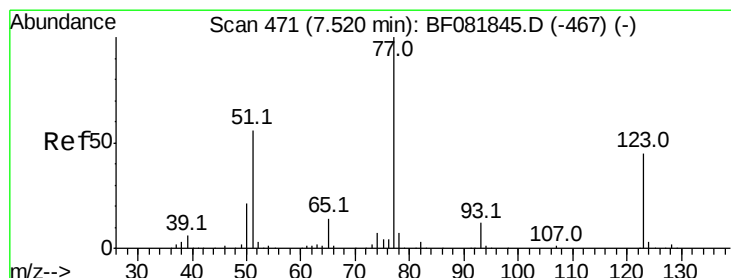
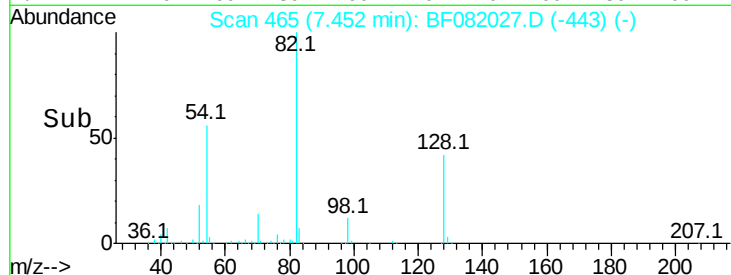
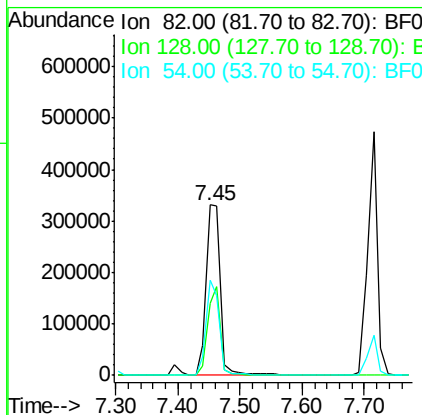
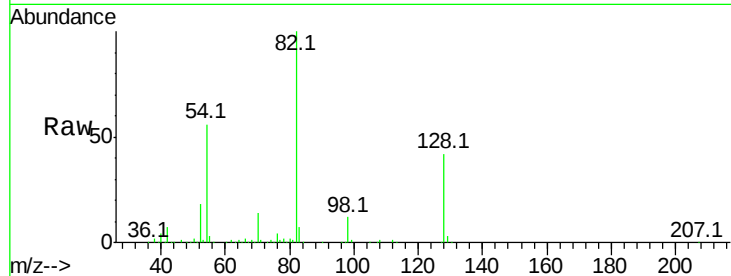
ClientSampleId :

MGP220BR-37-38MS

Tot Ion:	82	Resp:	533987
Ion Ratio	Lower	Upper	
82	100		
128	42.0	51.0	76.6#
54	55.9	47.5	71.3

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#24

Nitrobenzene

Concen: 43.29 ng

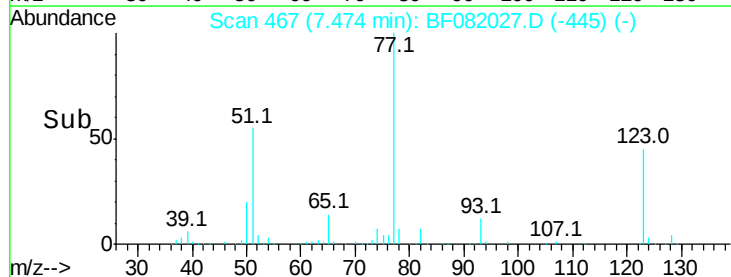
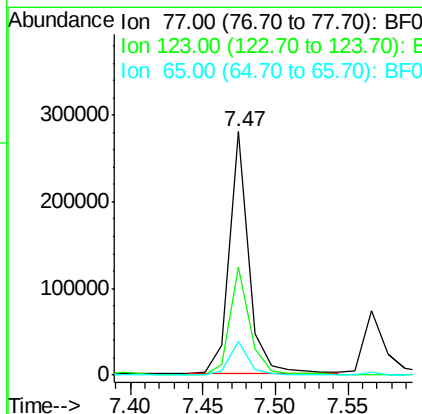
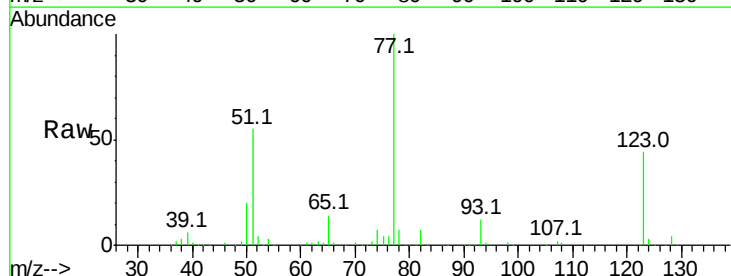
RT: 7.47 min Scan# 467

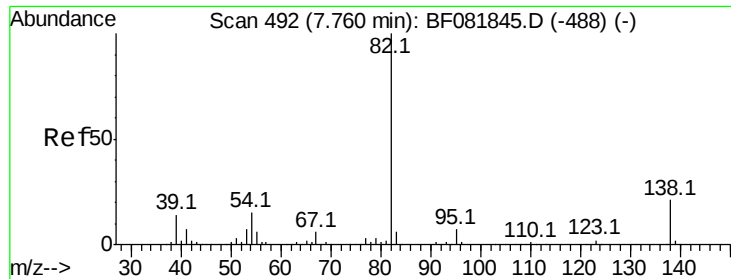
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	77	Resp:	259993
Ion Ratio	Lower	Upper	
77	100		
123	44.2	59.8	89.8#
65	14.0	10.2	15.4





#25

Isophorone

Concen: 45.56 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MS

Tot Ion: 82 Resp: 499437

Ion Ratio Lower Upper

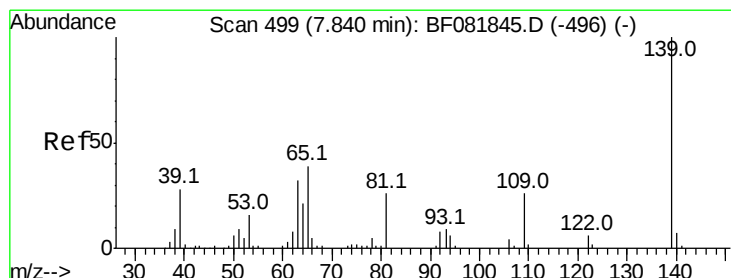
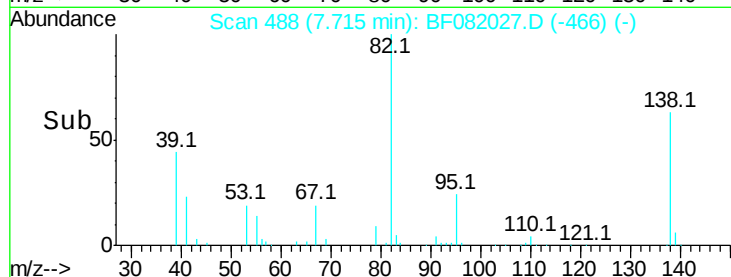
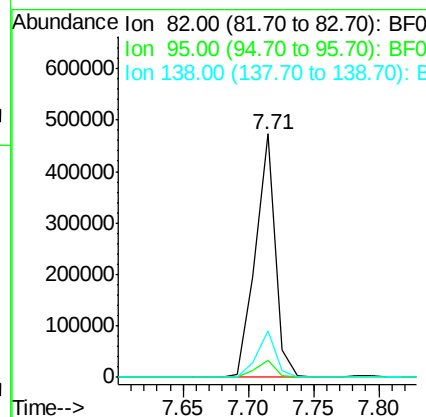
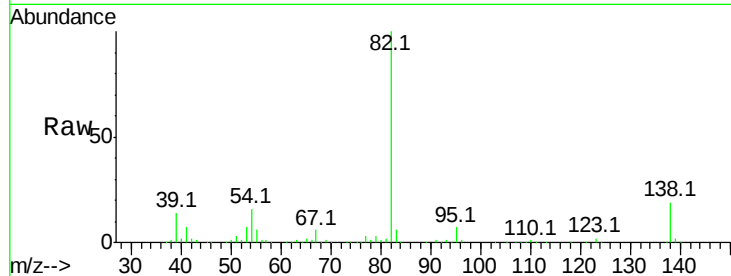
82 100

95 7.2 4.0 6.0#

138 19.1 18.3 27.5

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#26

2-Nitrophenol

Concen: 51.76 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

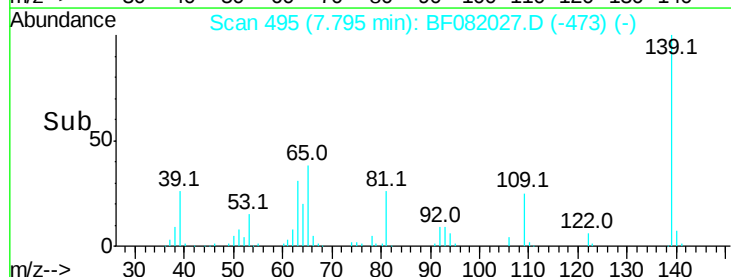
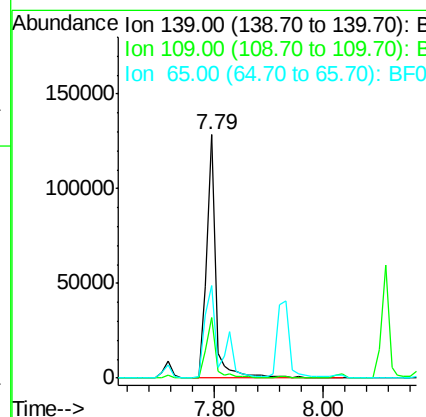
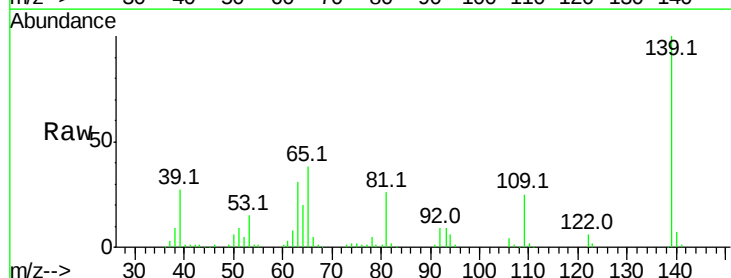
Tgt Ion: 139 Resp: 149215

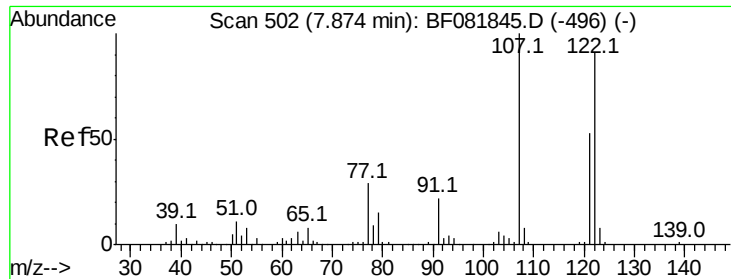
Ion Ratio Lower Upper

139 100

109 25.0 11.0 16.4#

65 38.0 24.7 37.1#





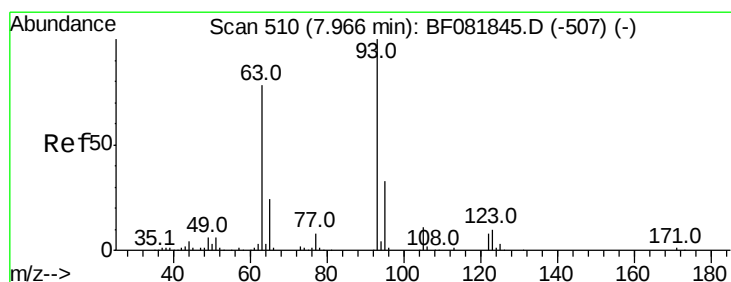
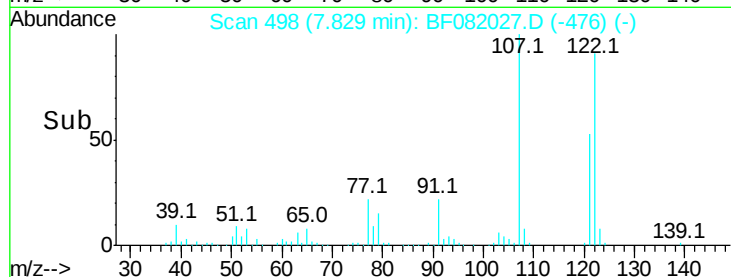
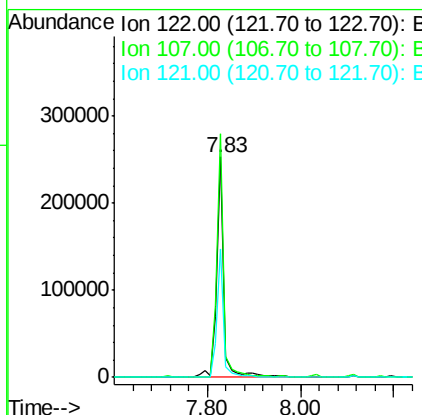
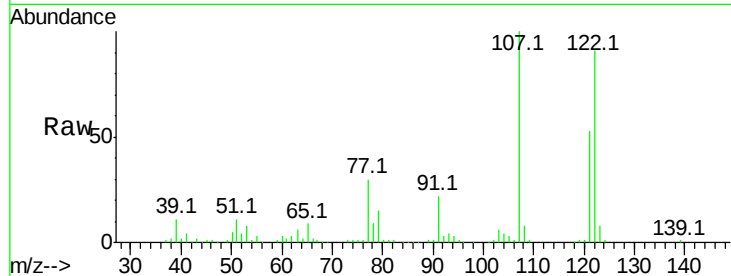
#27
2,4-Dimethylphenol
Concen: 54.56 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	276677		
107	110.4	71.8	107.6#	
121	58.1	42.3	63.5	

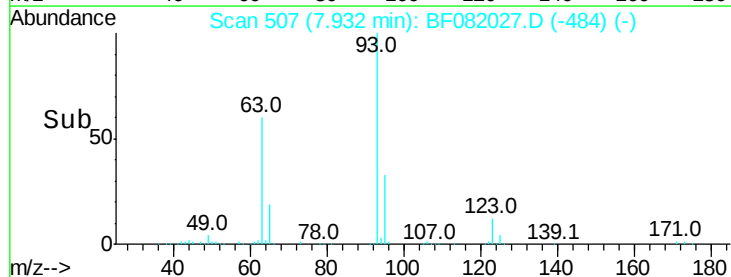
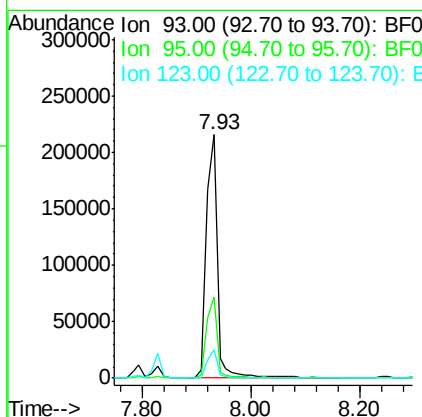
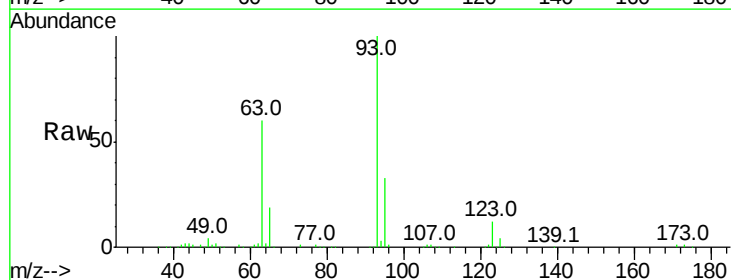
Manual Integrations
APPROVED

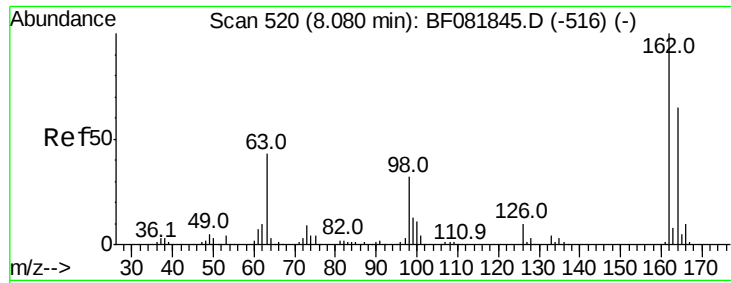
MMDADODA
10/5/2015 6:27:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.47 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	302474		
95	33.1	27.5	41.3	
123	11.8	13.7	20.5#	





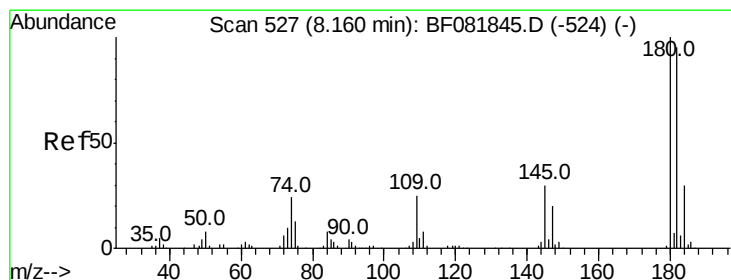
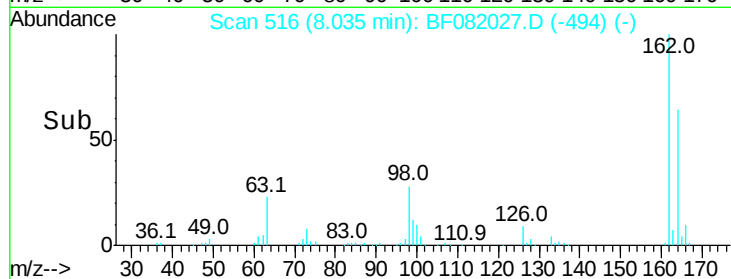
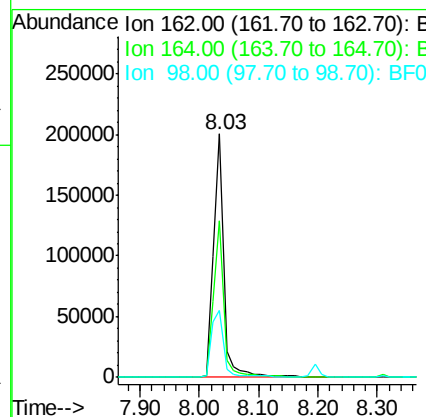
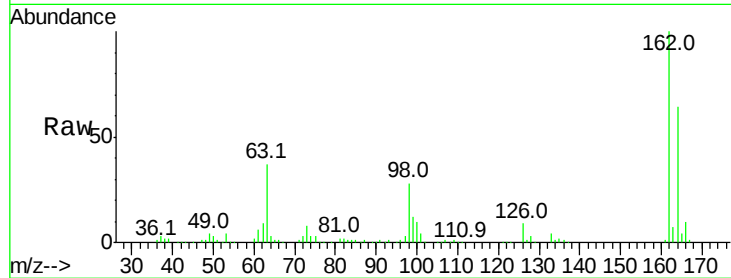
#29
 2,4-Dichlorophenol
 Concen: 50.10 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Tot Ion:	162	Resp:	246346
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.9	84.9
98	27.5	13.0	53.0

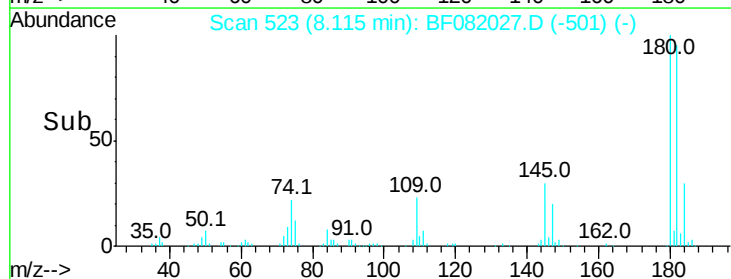
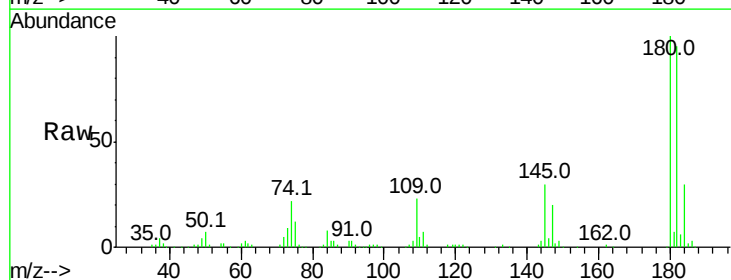
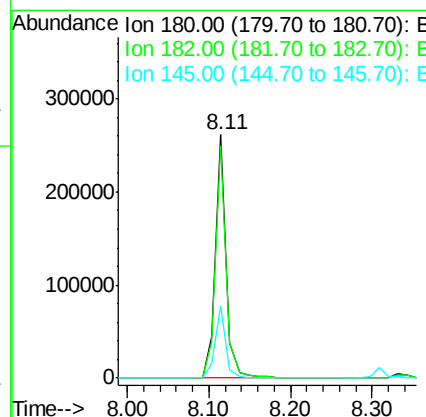
Manual Integrations
 APPROVED

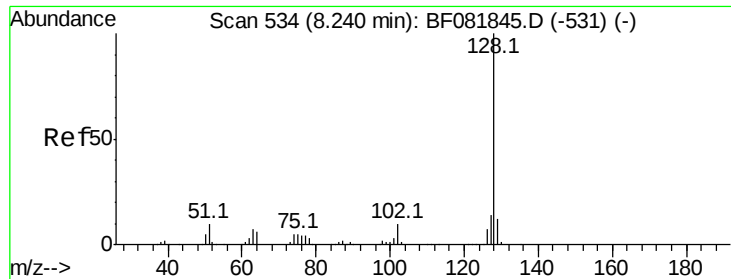
MMDADODA
 10/5/2015 6:27:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.78 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion:	180	Resp:	245845
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.1	115.7
145	29.9	23.3	34.9





#31

Naphthalene

Concen: 45.26 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

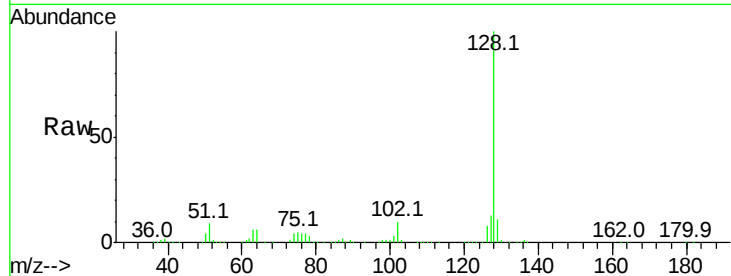
ClientSampleId :

MGP220BR-37-38MS

Tot Ion:	128	Resp:	739357
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.4	12.6
127	13.4	9.9	14.9

Manual Integrations
APPROVED

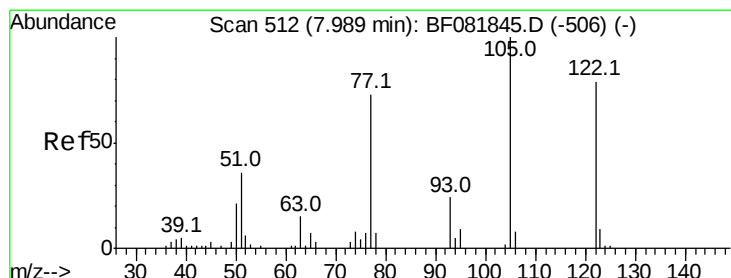
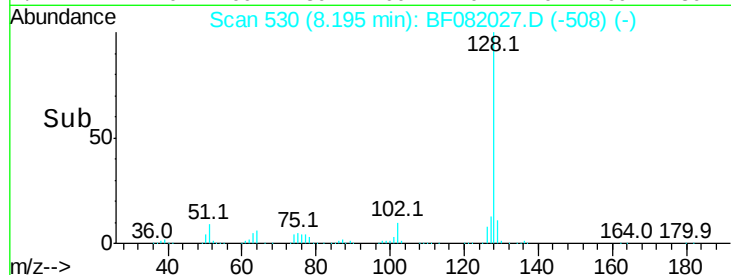
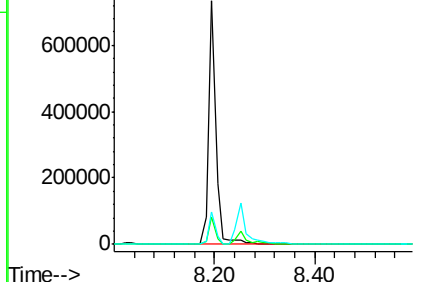
MMDADODA
10/5/2015 6:27:45 PM



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: 10.84 ng m

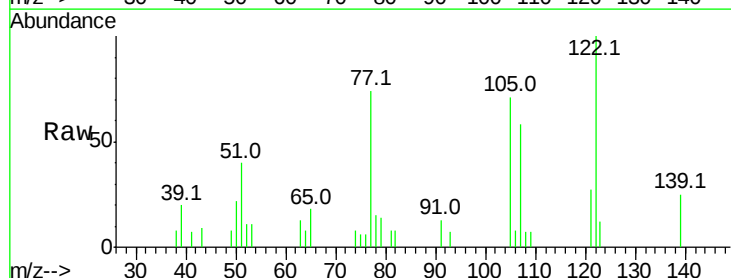
RT: 7.89 min Scan# 503

Delta R.T. -0.10 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

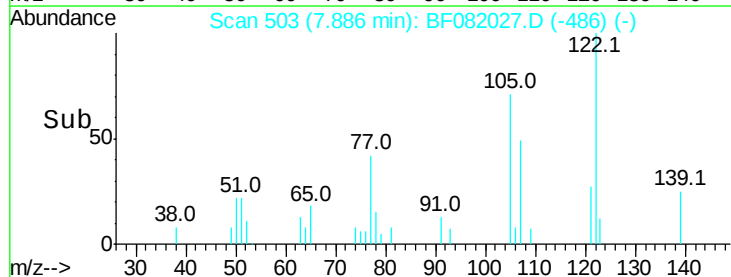
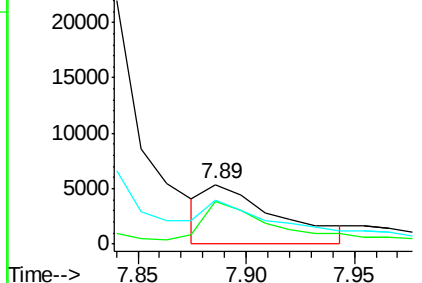
Tgt Ion:	122	Resp:	12506
Ion Ratio	Lower	Upper	
122	100		
105	70.9	76.1	116.1#
77	74.3	40.5	80.5

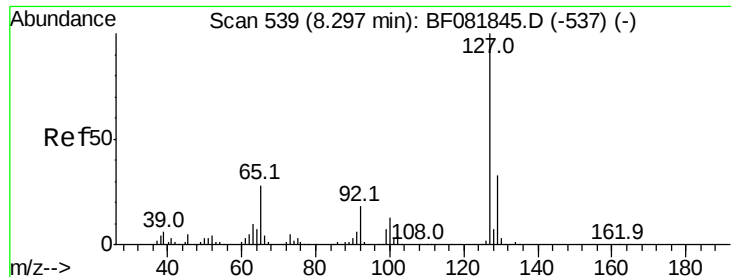


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





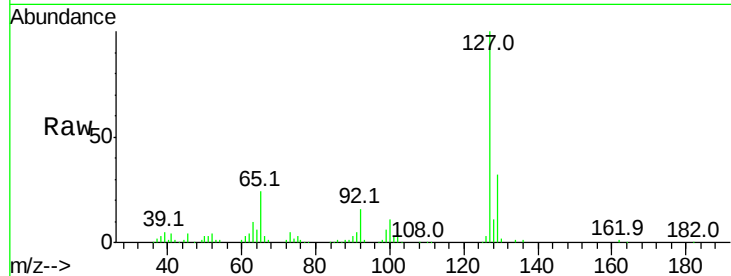
#33
4-Chloroaniline
Concen: 25.61 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

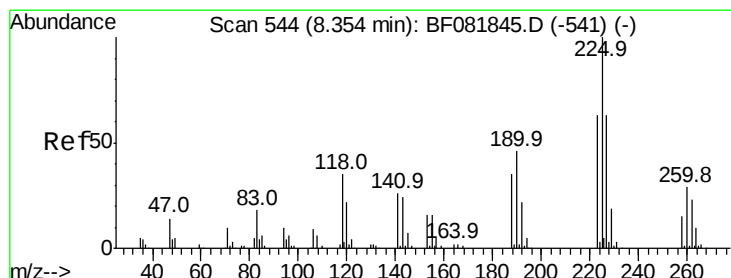
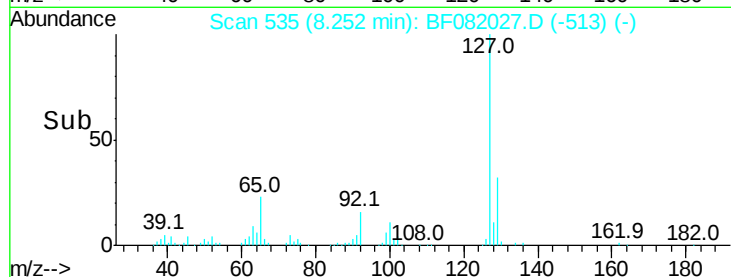
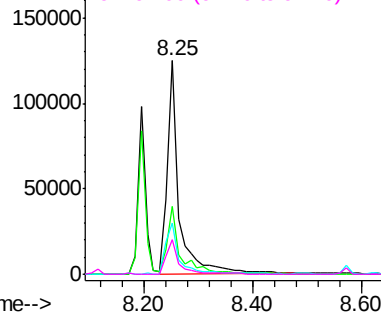
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.8	38.6	
65	23.8	17.9	26.9	
92	16.5	10.5	15.7	

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

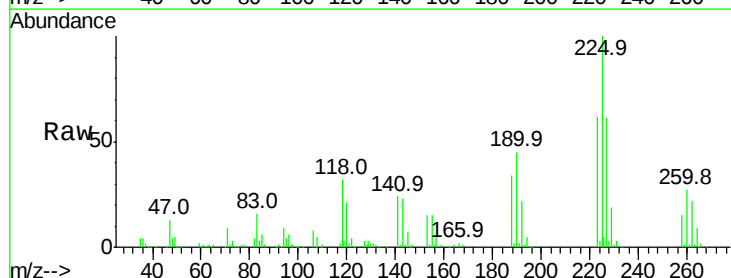


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

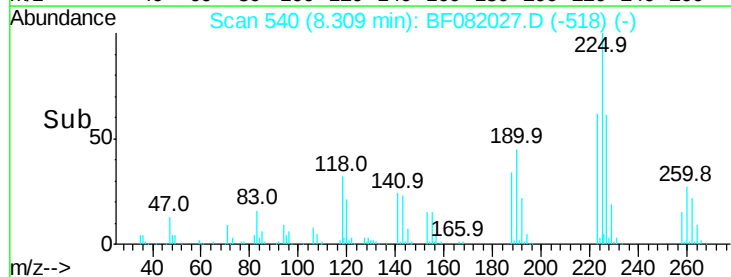
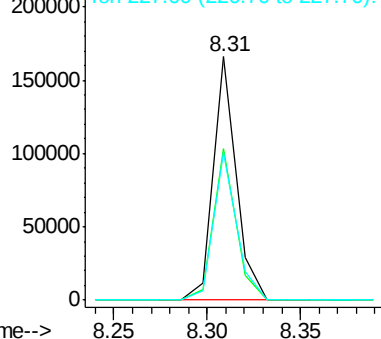


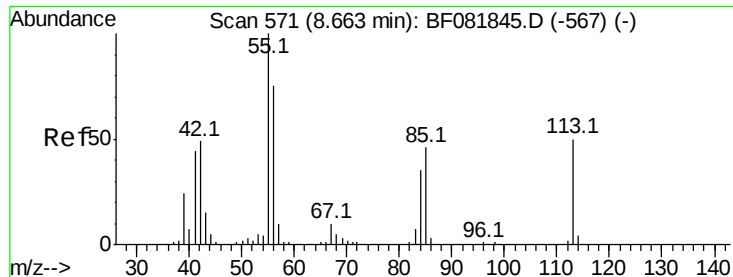
#34
Hexachlorobutadiene
Concen: 43.77 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.2	75.2	
227	60.8	52.2	78.2	



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





#35

Caprolactam

Concen: 48.86 ng/ml

RT: 8.63 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

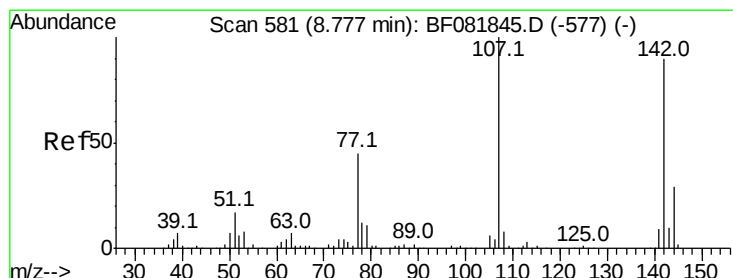
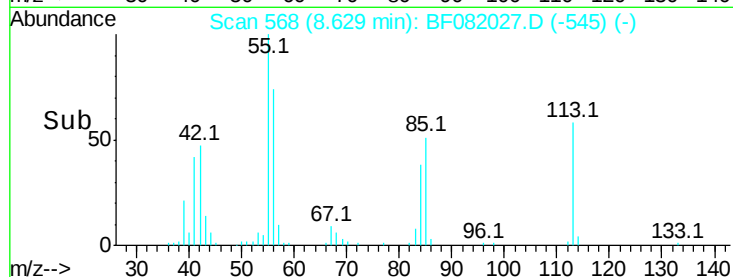
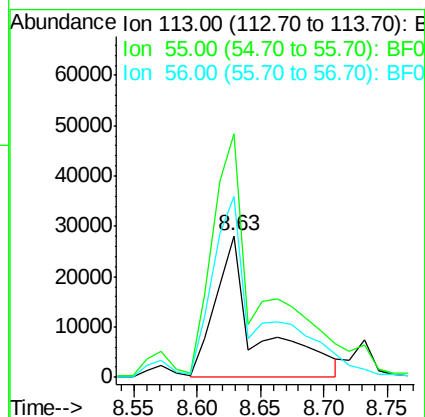
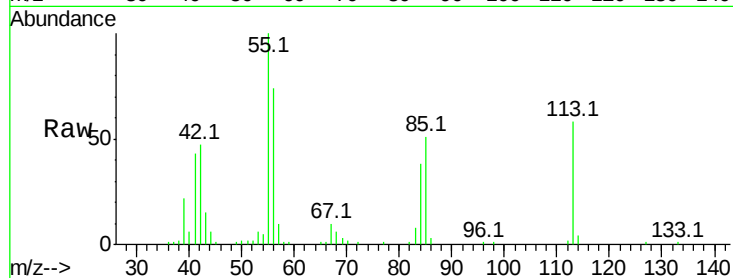
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion:	113	Resp:	66511
Ion Ratio	Lower	Upper	
113	100		
55	172.4	152.4	192.4
56	127.8	104.6	144.6



#36

4-Chloro-3-methylphenol

Concen: 52.40 ng/ml

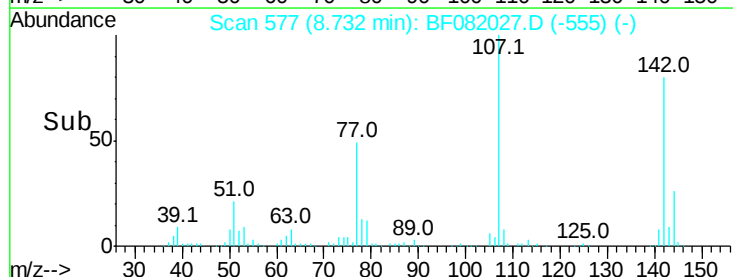
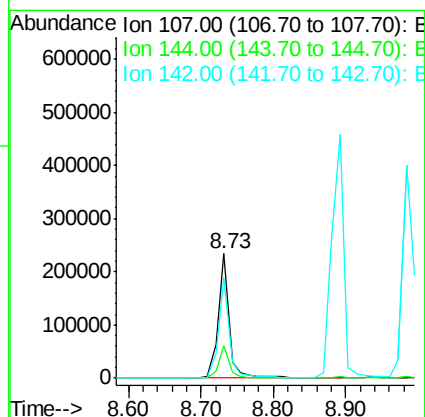
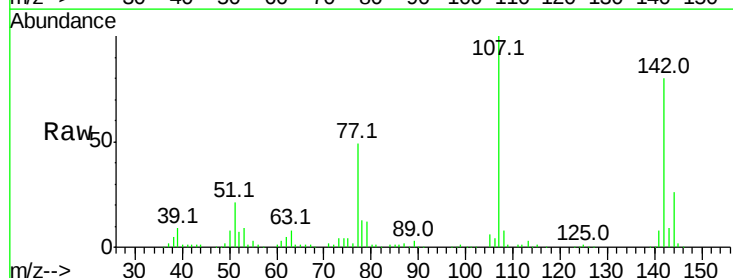
RT: 8.73 min Scan# 577

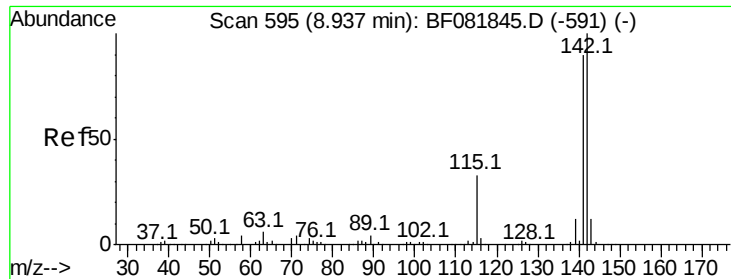
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	107	Resp:	251958
Ion Ratio	Lower	Upper	
107	100		
144	26.0	25.4	38.0
142	80.5	77.3	115.9





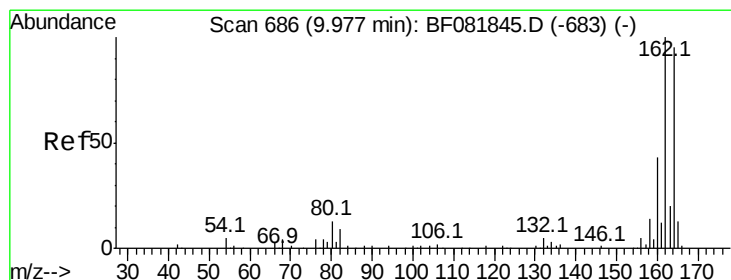
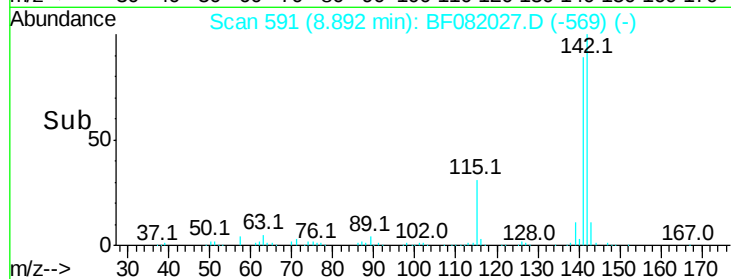
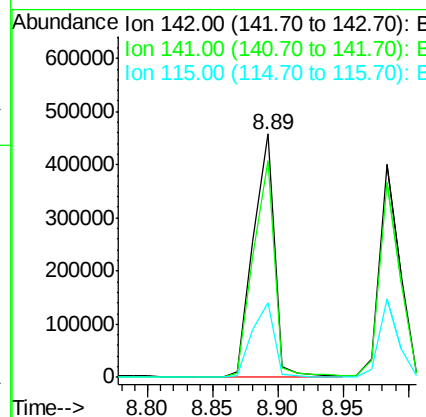
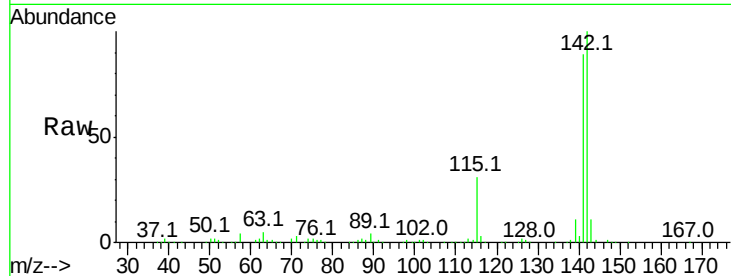
#37
2-Methylnaphthalene
Concen: 46.82 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	89.3	67.5	101.3
115	30.7	18.2	27.2#

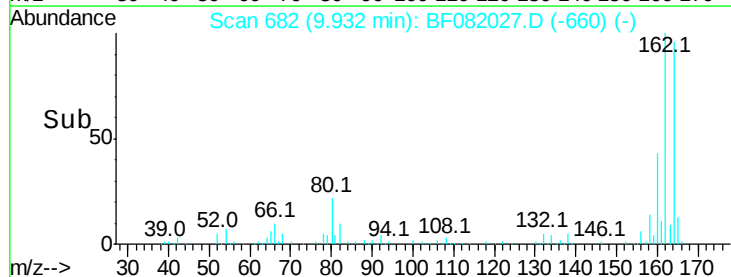
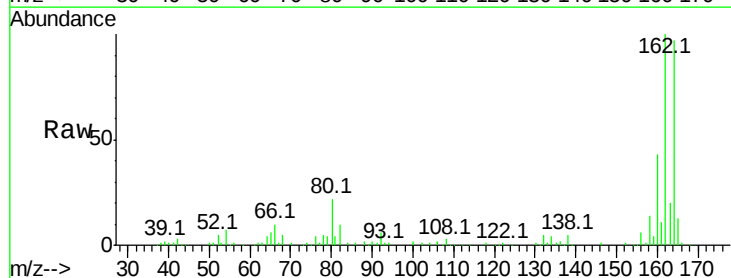
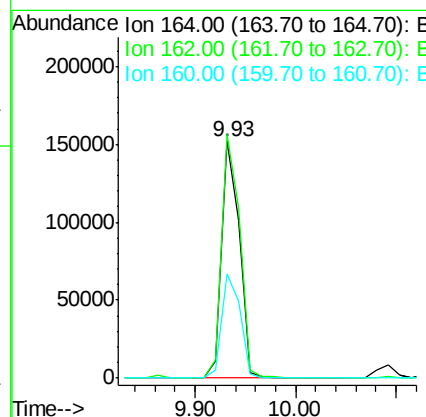
Manual Integrations
APPROVED

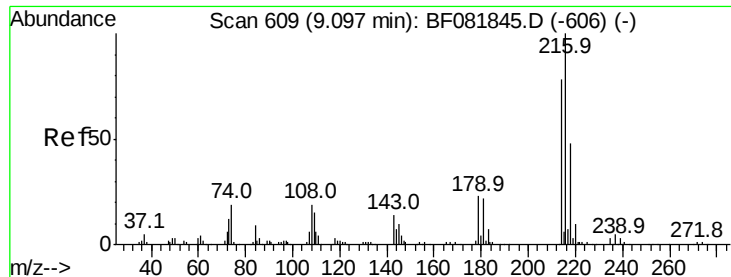
MMDADODA
10/5/2015 6:27:45 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.9	75.2	112.8
160	44.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.30 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

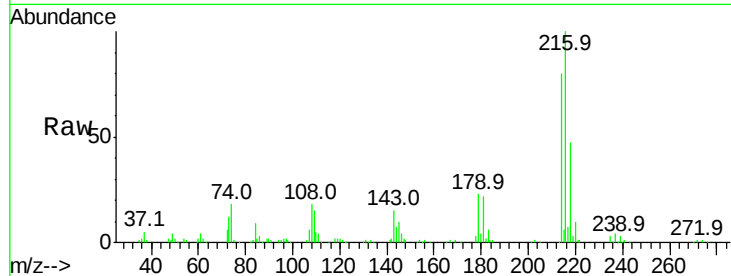
ClientSampleId :

MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	241558		
214	79.7	63.5	95.3	
179	21.3	16.6	24.8	
108	19.5	16.3	24.5	

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

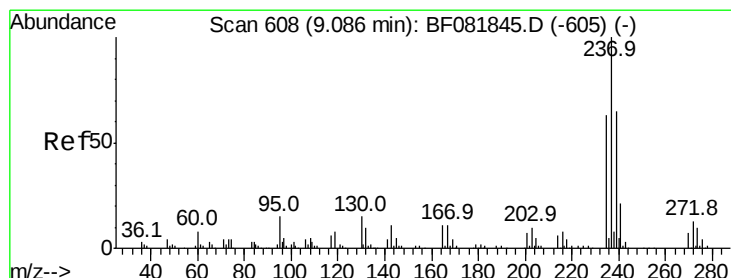
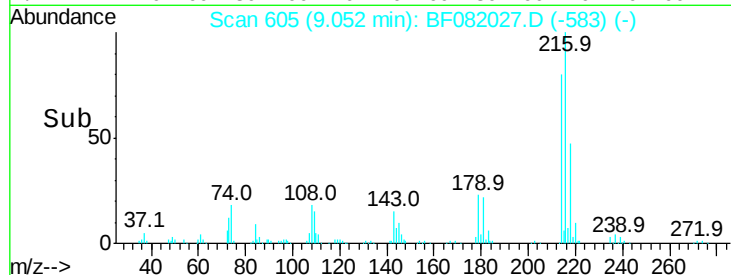
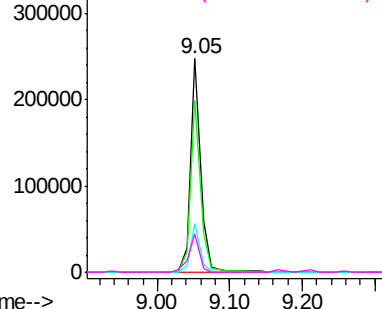


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.03 ng

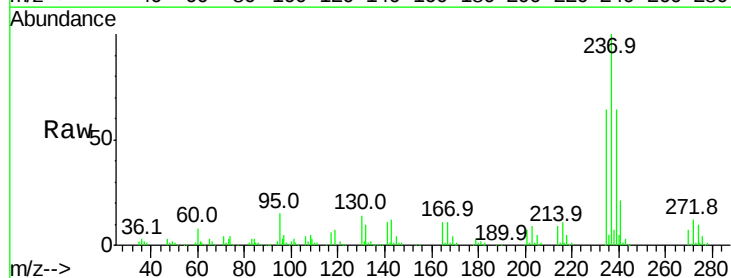
RT: 9.04 min Scan# 604

Delta R.T. -0.04 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

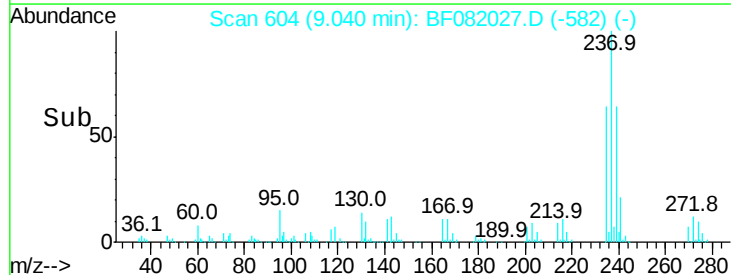
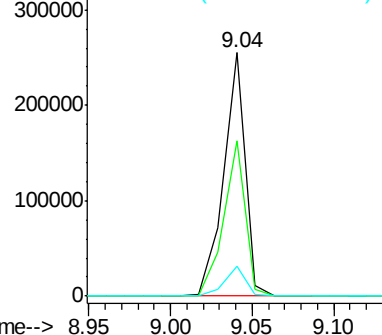
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	232434		
235	63.5	42.0	82.0	
272	12.1	0.0	36.1	

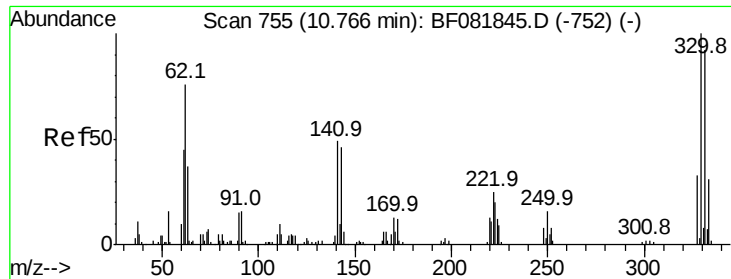


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





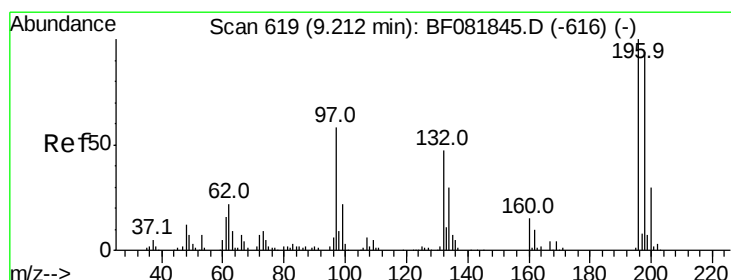
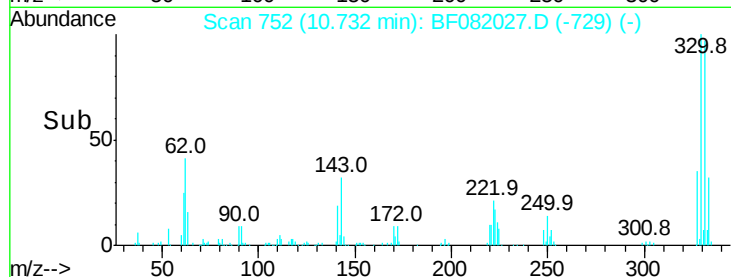
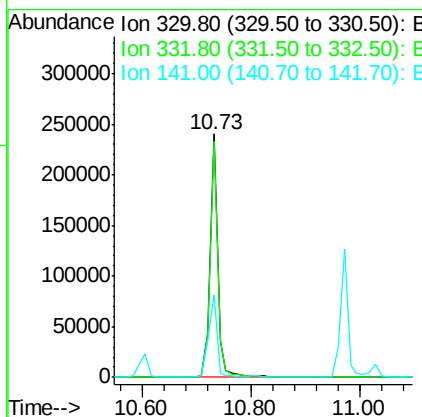
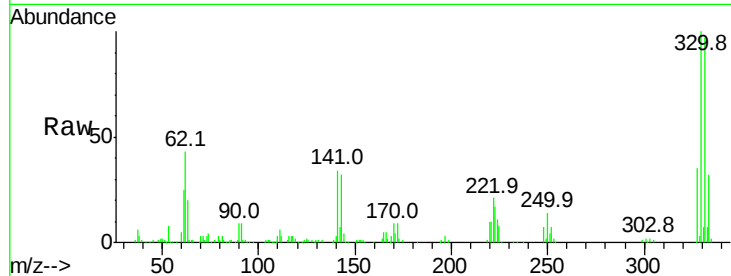
#41
 2,4,6-Tribromophenol
 Concen: 126.22 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	76.6	114.8	
141	37.4	29.7	44.5	

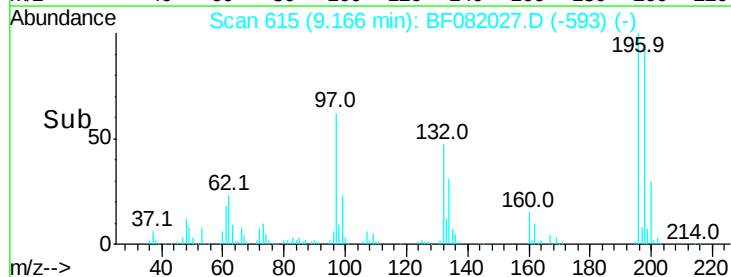
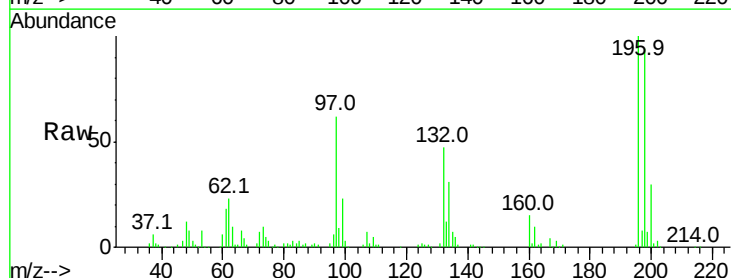
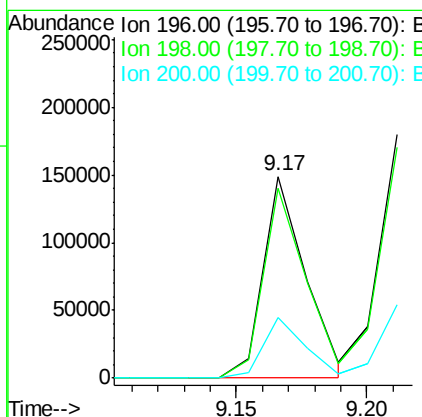
Manual Integrations
 APPROVED

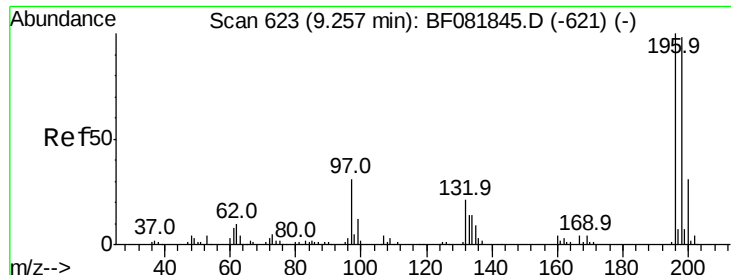
MMDADODA
 10/5/2015 6:27:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.20 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

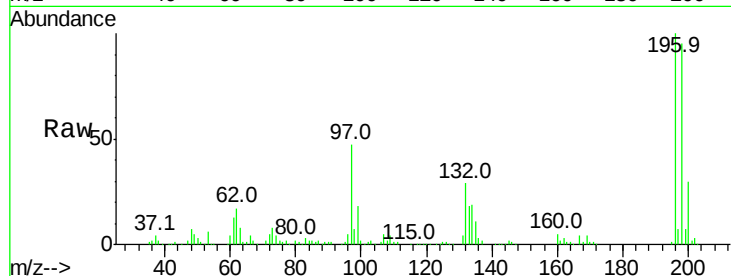
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	75.7	113.5	
200	29.9	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 49.61 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

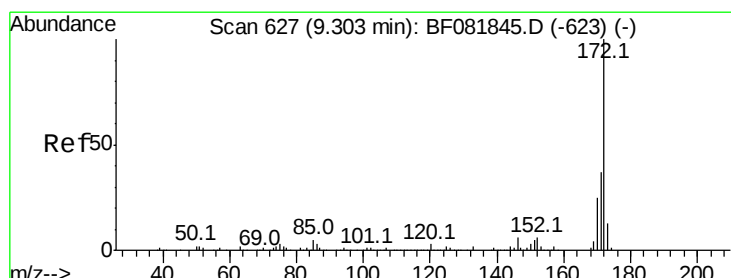
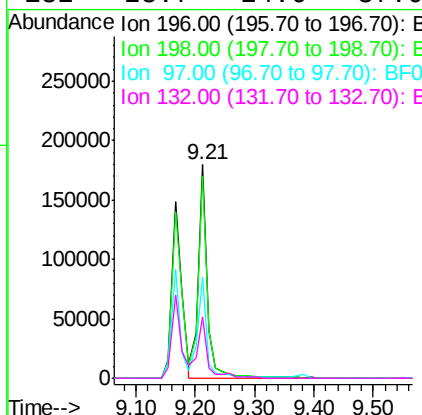
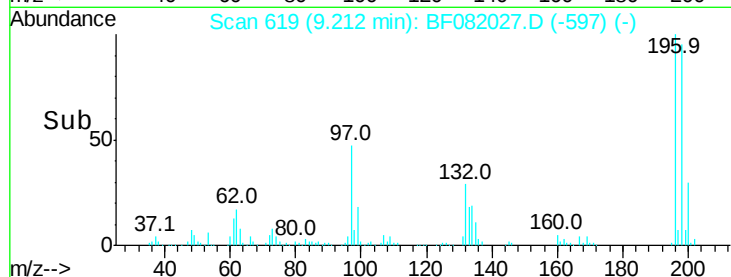
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	199744		
198	94.9	75.4	113.0	
97	47.1	33.3	49.9	
132	28.7	24.6	37.0	

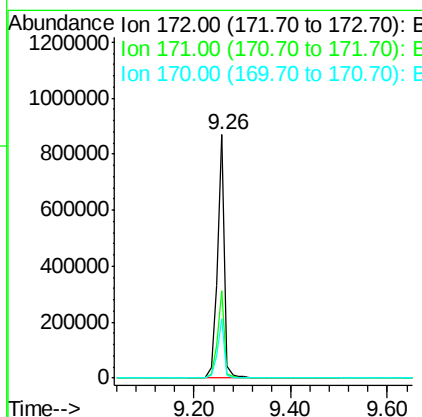
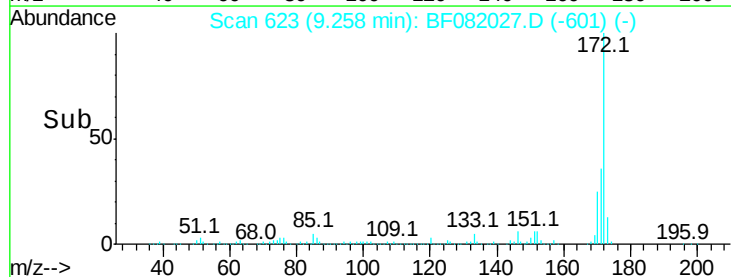
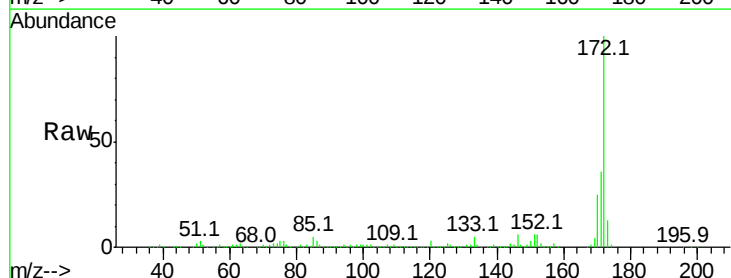
Manual Integrations
 APPROVED

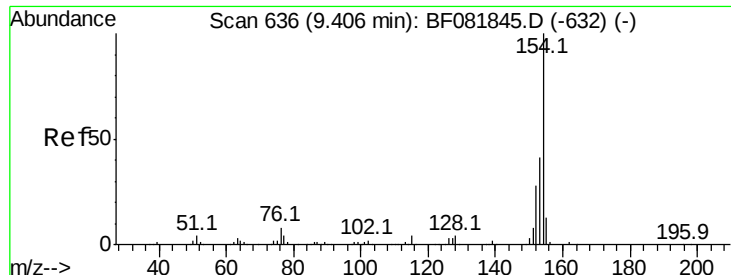
MMDADODA
 10/5/2015 6:27:45 PM



#44
 2-Fluorobiphenyl
 Concen: 80.60 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	905179		
171	36.0	26.1	39.1	
170	24.6	17.4	26.2	





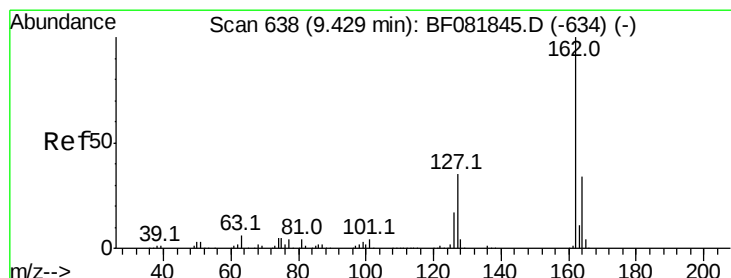
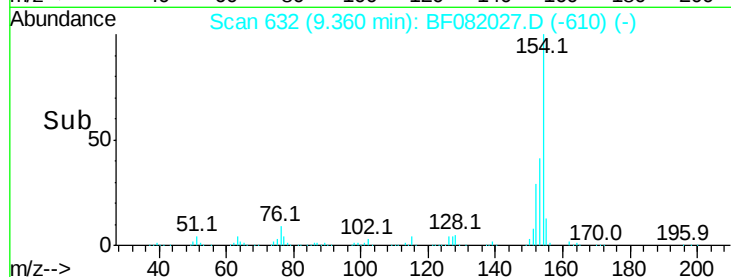
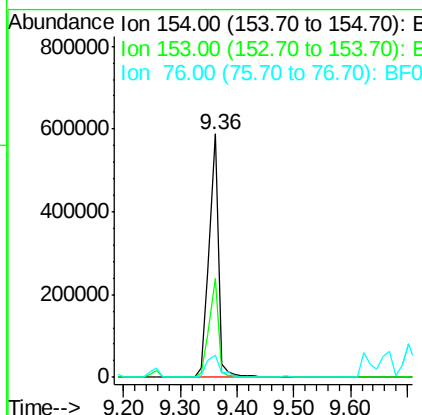
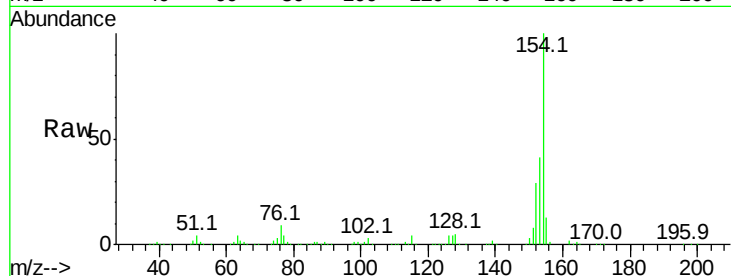
#45
 1,1'-Biphenyl
 Concen: 45.07 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	17.1	57.1	
76	8.9	0.0	31.6	

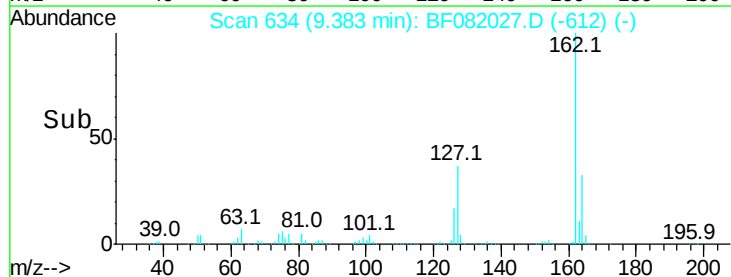
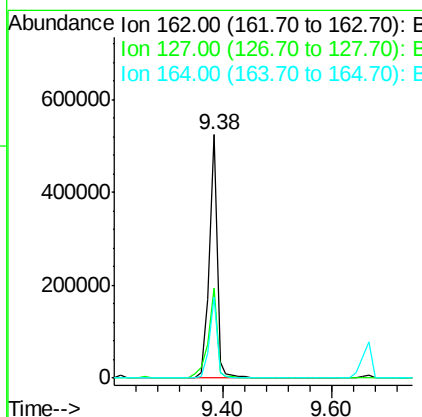
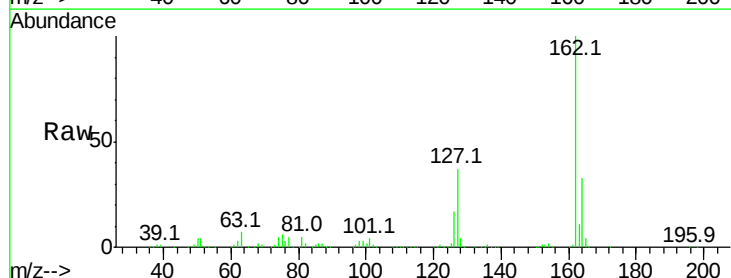
Manual Integrations
 APPROVED

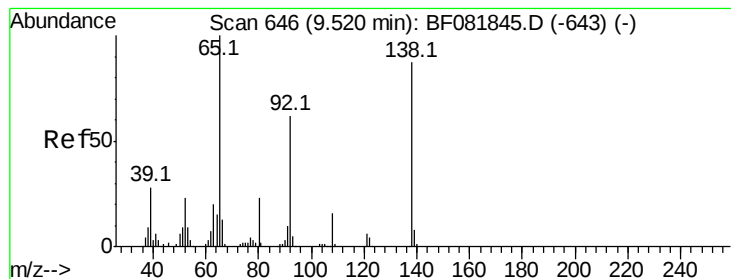
MMDADODA
 10/5/2015 6:27:45 PM



#46
 2-Chloronaphthalene
 Concen: 46.96 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.1	27.6	41.4	
164	33.5	25.4	38.2	





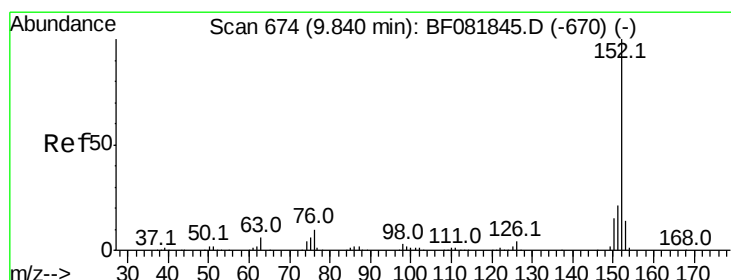
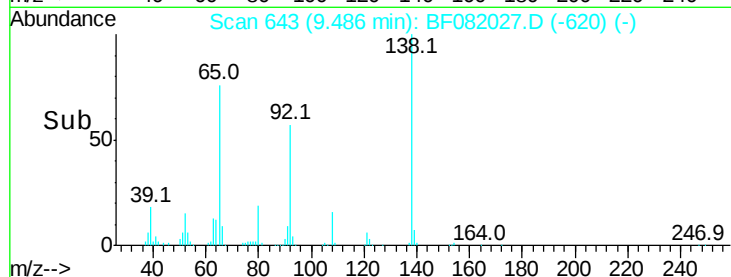
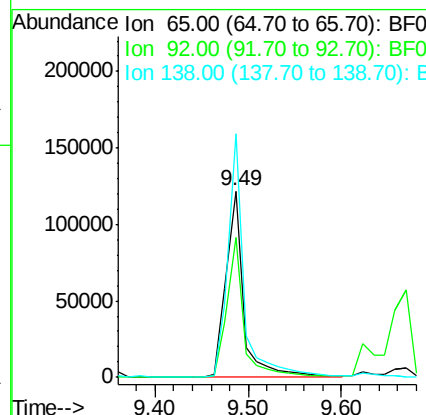
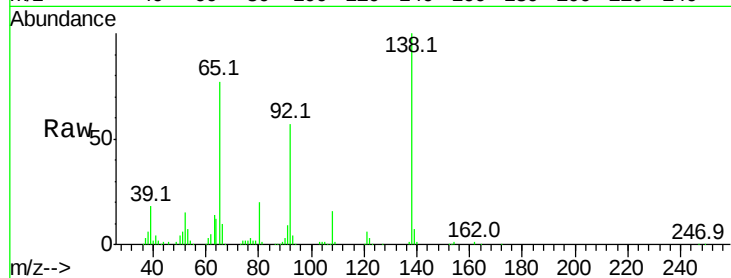
#47
2-Nitroaniline
Concen: 49.10 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.8	55.4	83.0
138	130.5	115.5	173.3

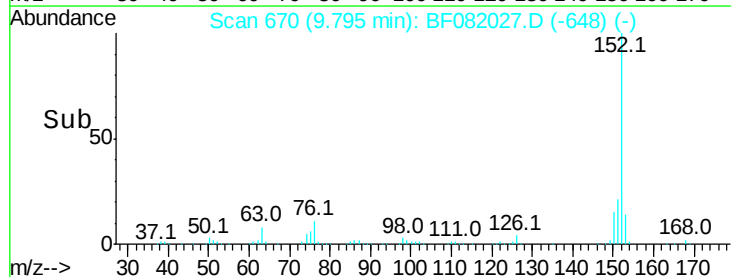
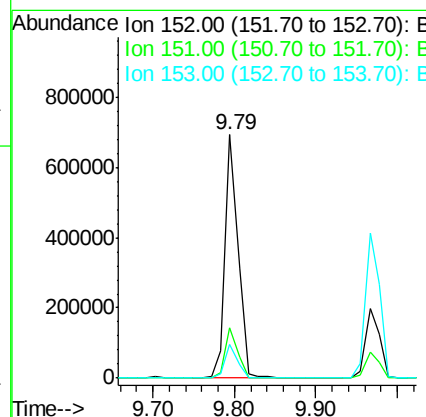
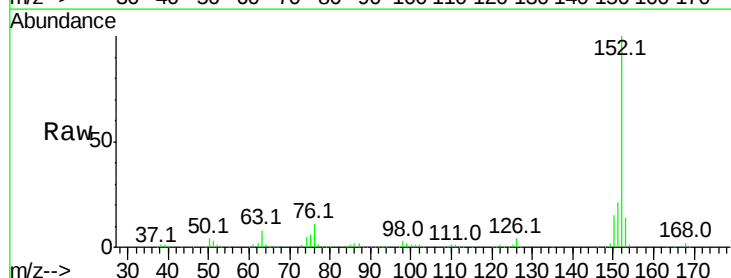
Manual Integrations
APPROVED

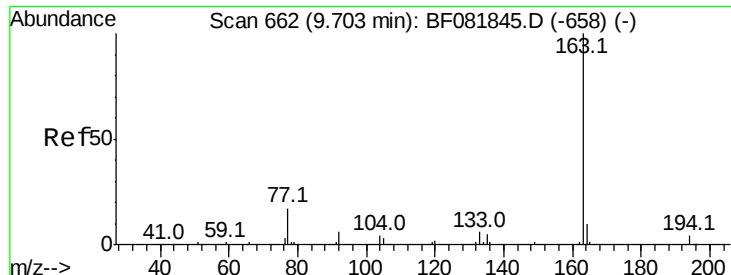
MMDADODA
10/5/2015 6:27:45 PM



#48
Acenaphthylene
Concen: 42.63 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.6	10.3	15.5





#49

Dimethylphthalate

Concen: 73.42 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

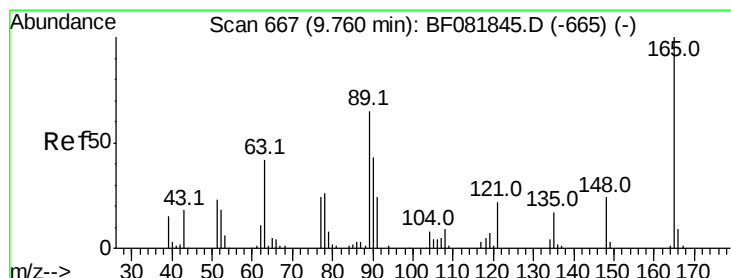
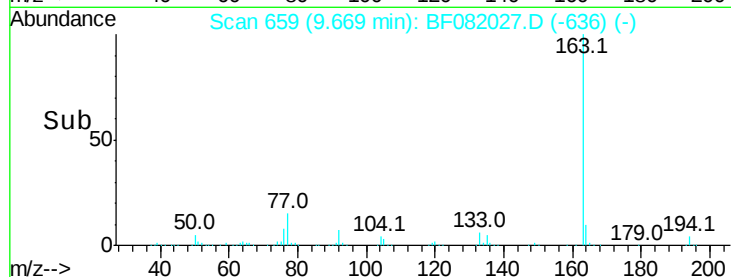
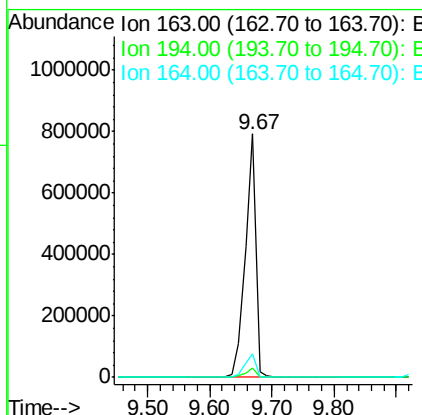
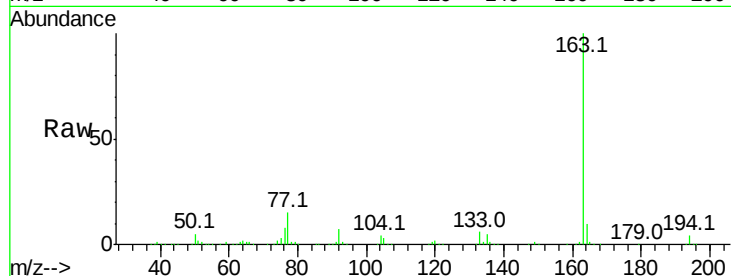
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion:	163	Resp:	942784
Ion Ratio	Lower	Upper	
163	100		
194	3.9	4.4	6.6#
164	9.9	8.3	12.5



#50

2,6-Dinitrotoluene

Concen: 48.77 ng

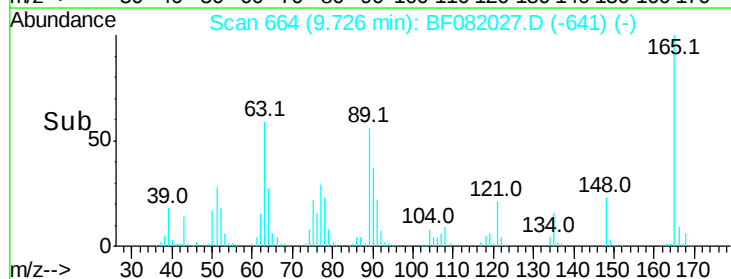
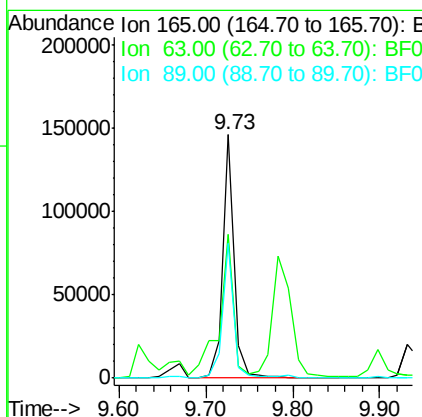
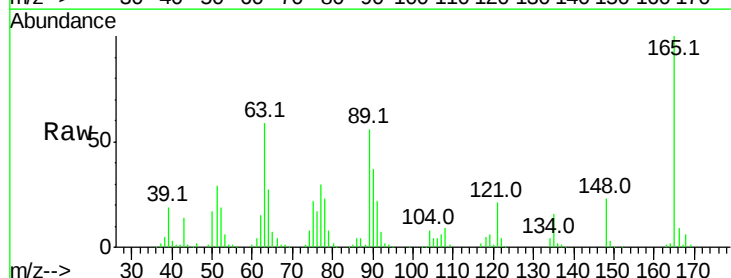
RT: 9.73 min Scan# 664

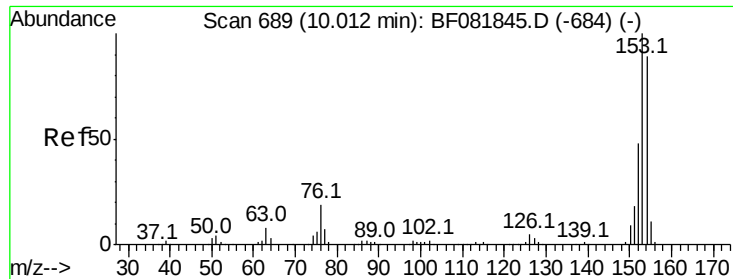
Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	165	Resp:	135973
Ion Ratio	Lower	Upper	
165	100		
63	59.2	32.3	48.5#
89	55.5	28.6	43.0#





#51

Acenaphthene

Concen: 42.74 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

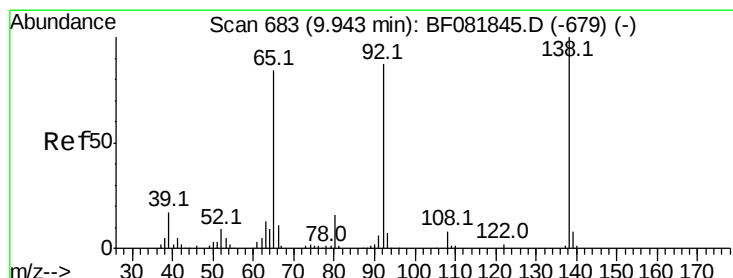
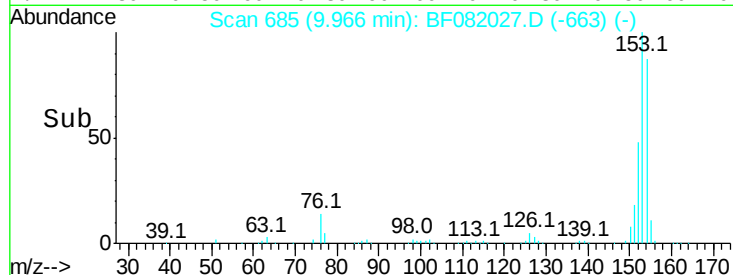
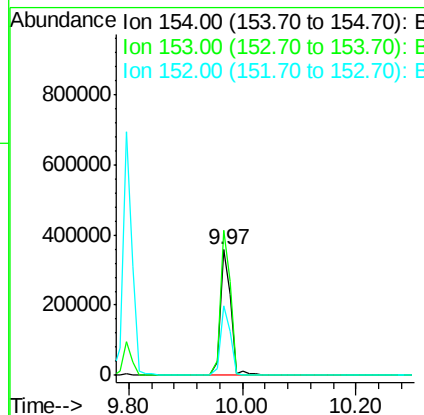
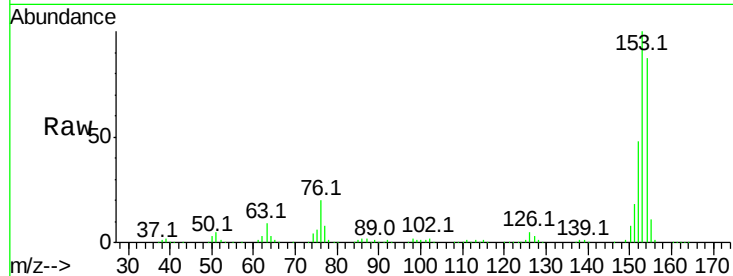
ClientSampleId :

MGP220BR-37-38MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	82.1	123.1
152	55.5	37.9	56.9

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#52

3-Nitroaniline

Concen: 37.83 ng

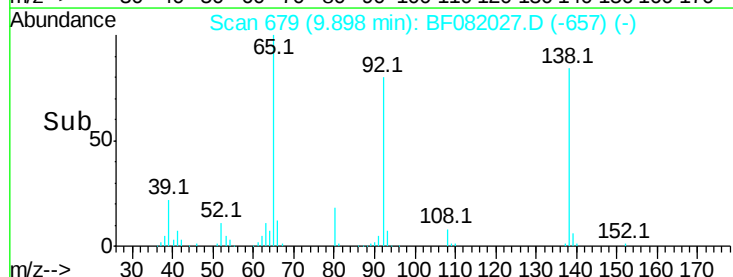
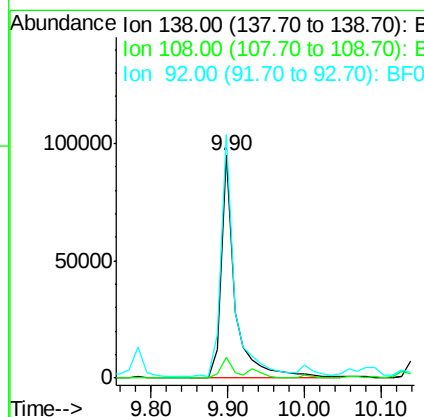
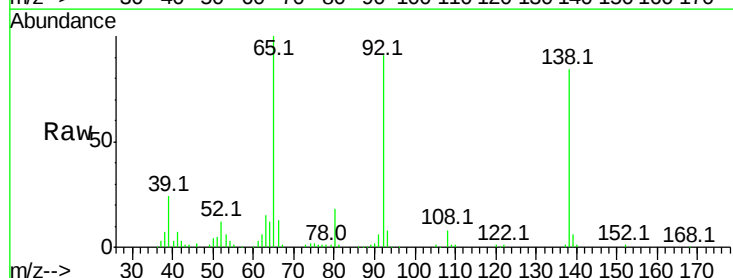
RT: 9.90 min Scan# 679

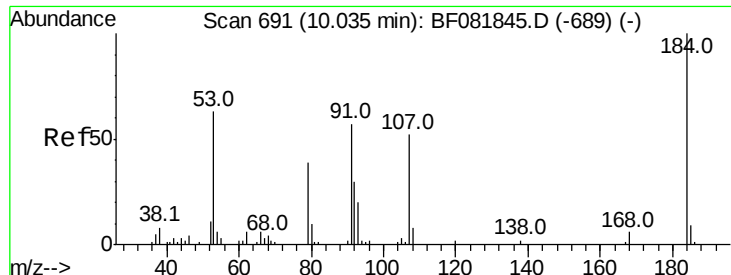
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	5.7	8.5#
92	109.3	67.7	101.5#





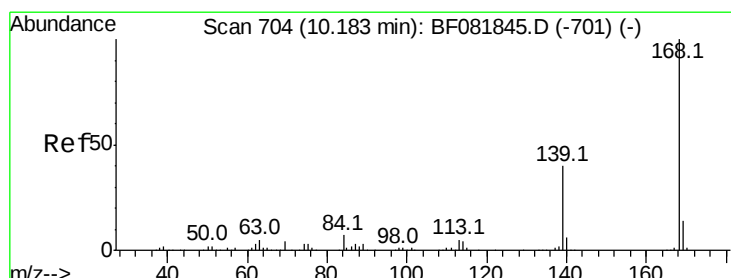
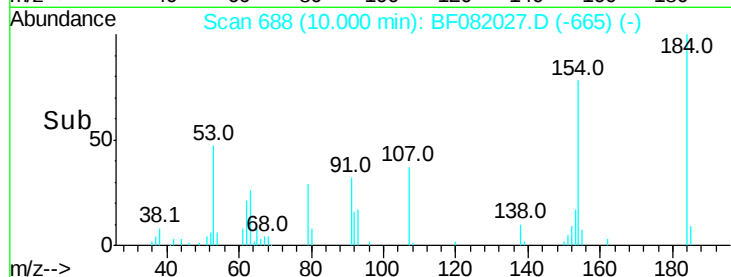
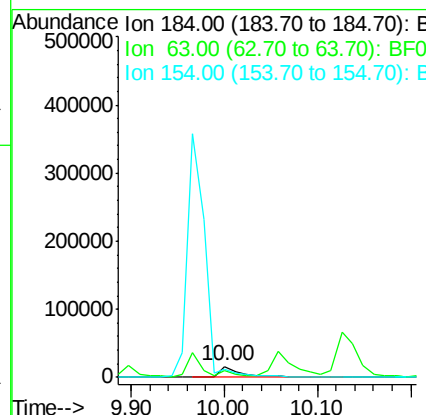
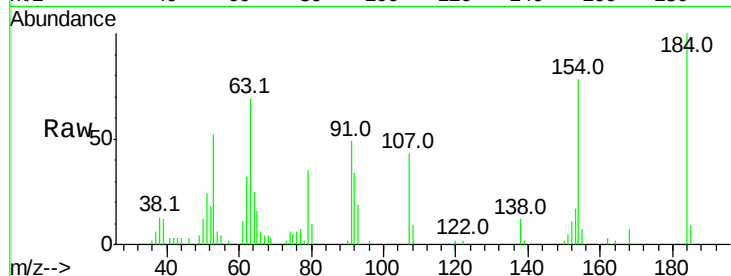
#53
2,4-Dinitrophenol
Concen: 31.51 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.9	35.4	53.2#	
154	78.1	32.2	48.4#	

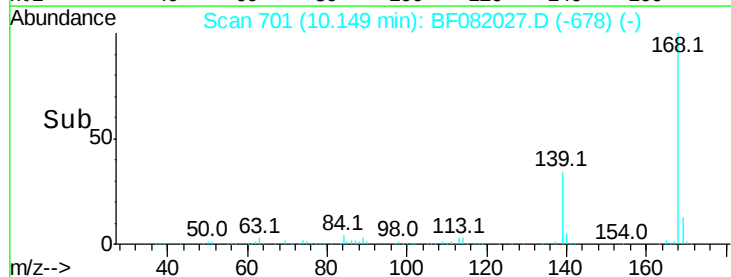
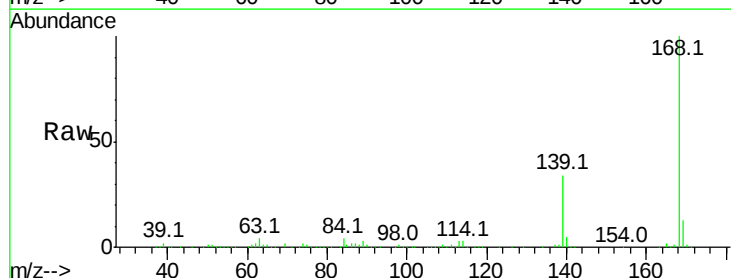
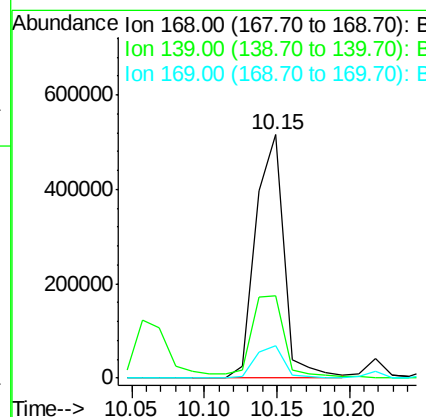
Manual Integrations
APPROVED

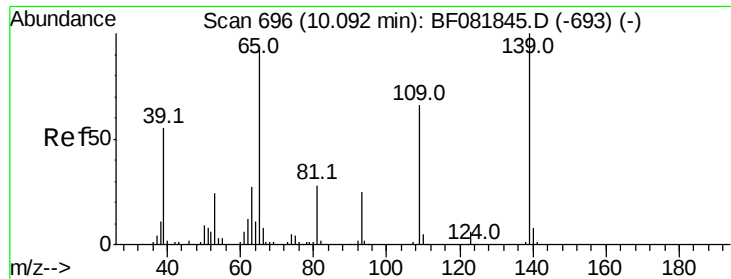
MMDADODA
10/5/2015 6:27:45 PM



#54
Dibenzofuran
Concen: 46.04 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	33.8	24.2	36.2	
169	13.1	10.6	15.8	





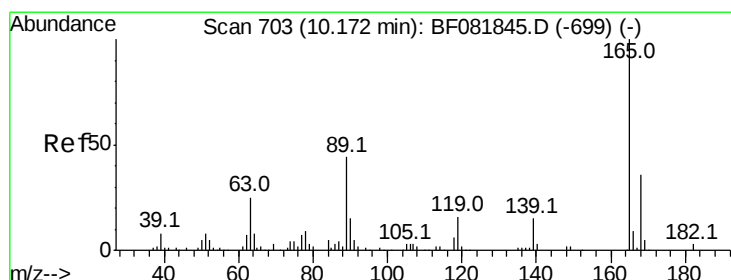
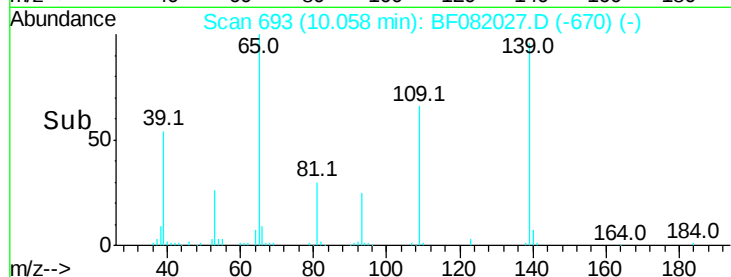
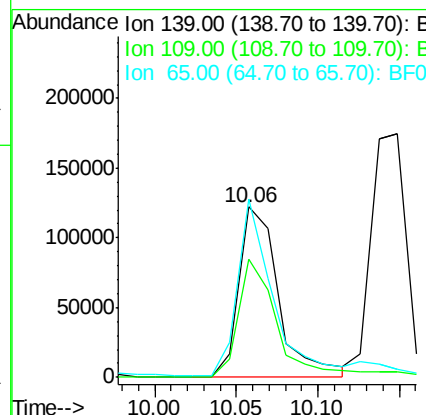
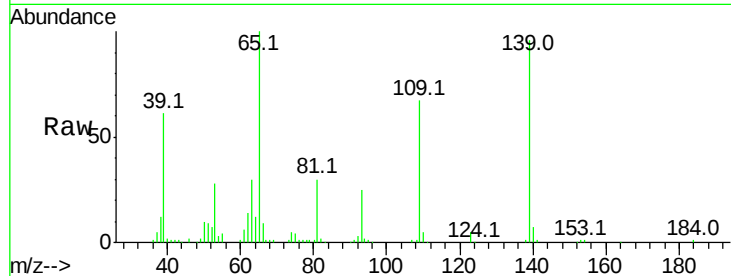
#55
4-Nitrophenol
Concen: 88.78 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	206889		
109	69.7	12.7	52.7#	
65	104.6	45.9	85.9#	

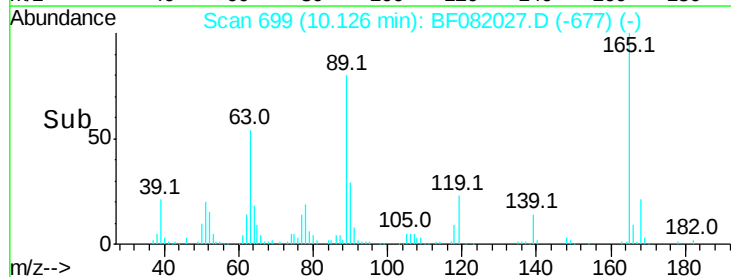
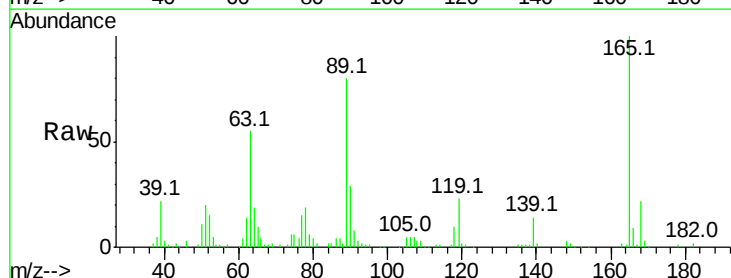
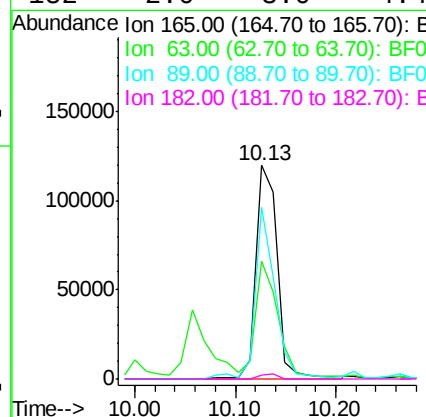
Manual Integrations
APPROVED

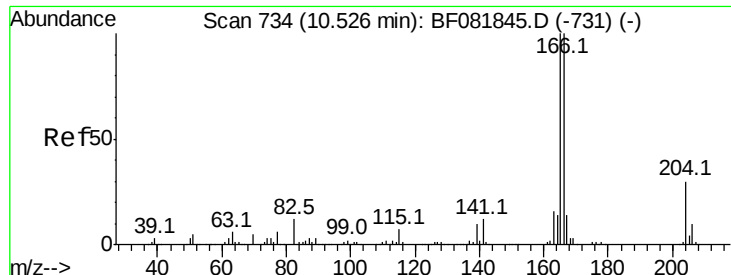
MMDADODA
10/5/2015 6:27:45 PM



#56
2,4-Dinitrotoluene
Concen: 49.48 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175835		
63	55.1	29.8	44.6#	
89	80.2	44.5	66.7#	
182	2.0	3.0	4.4#	





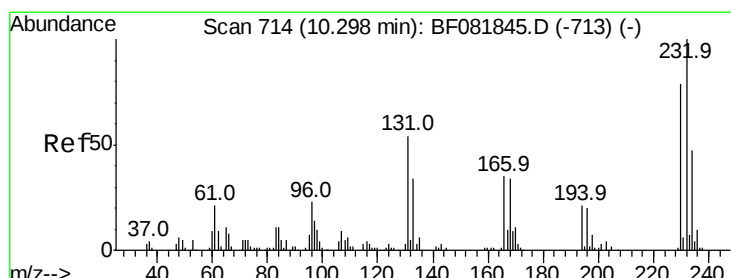
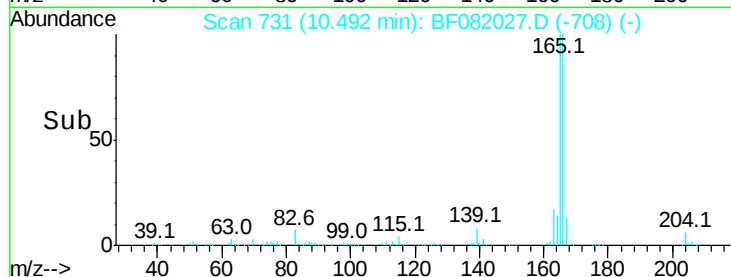
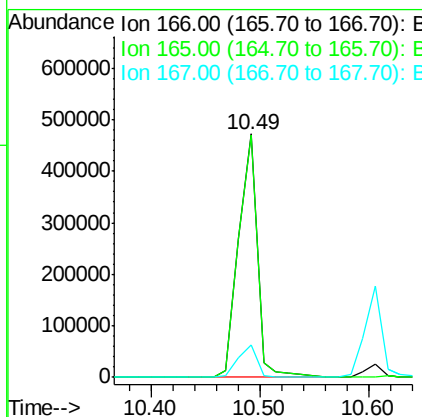
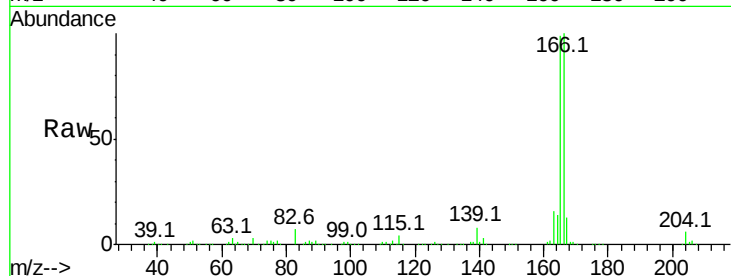
#57
Fluorene
Concen: 51.90 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	72.6	109.0	
167	13.2	10.6	16.0	

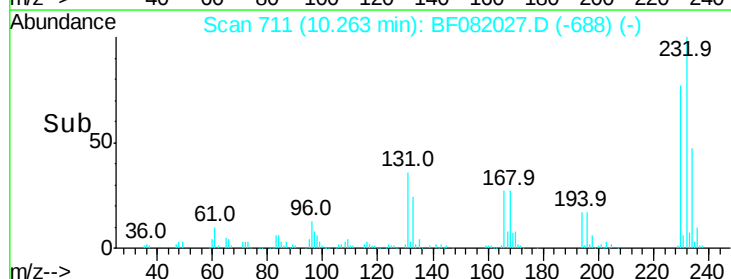
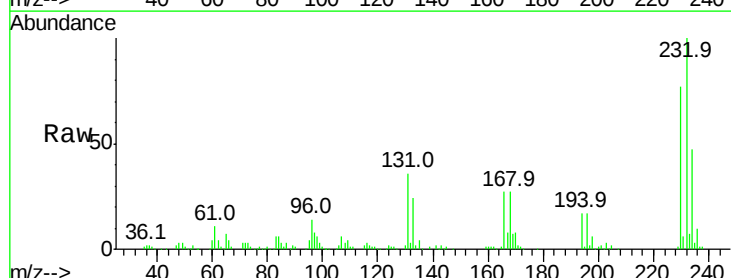
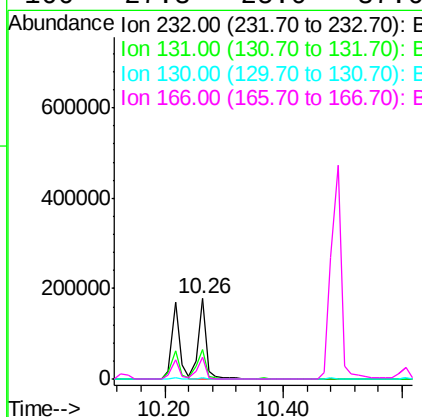
Manual Integrations
APPROVED

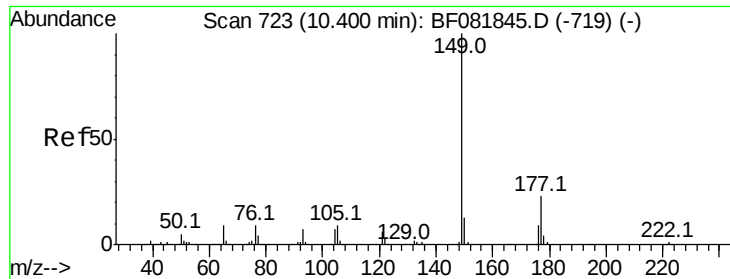
MMDADODA
10/5/2015 6:27:45 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 55.08 ng
RT: 10.26 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.1	38.5	57.7	
130	1.8	1.8	2.6	
166	27.3	25.0	37.6	





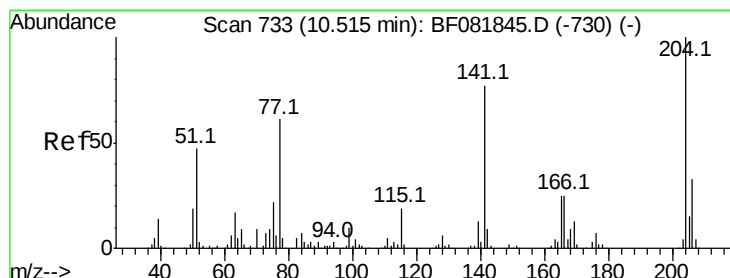
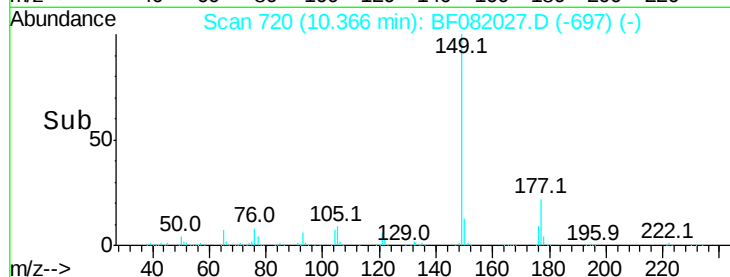
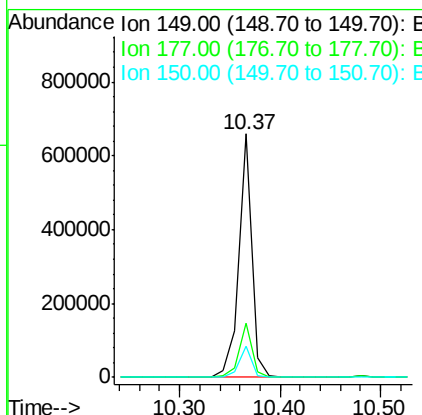
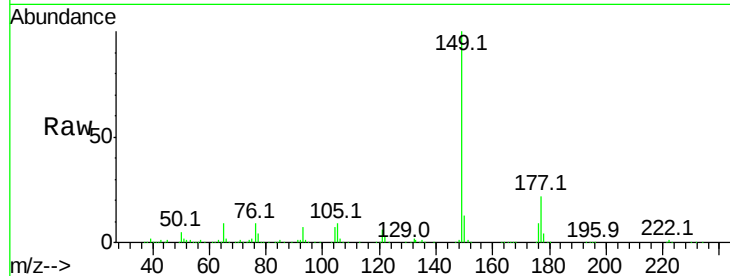
#59
Diethylphthalate
Concen: 49.47 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	593312		
177	22.4	17.5	26.3	
150	12.7	9.4	14.2	

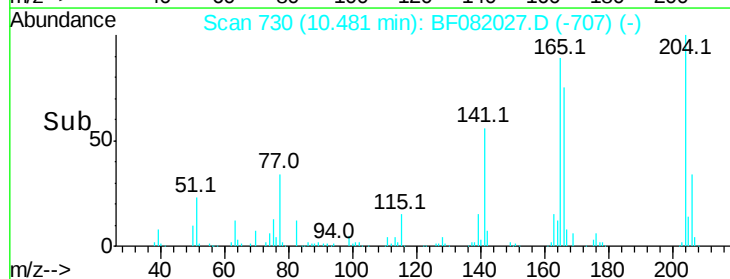
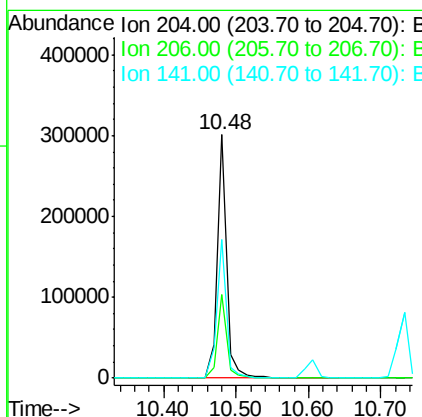
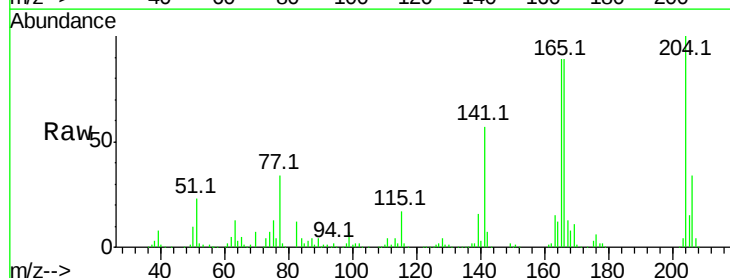
Manual Integrations
APPROVED

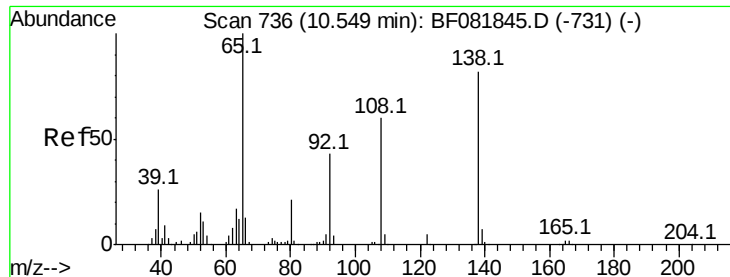
MMDADODA
10/5/2015 6:27:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.81 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	270477		
206	34.4	24.8	37.2	
141	57.2	42.2	63.4	





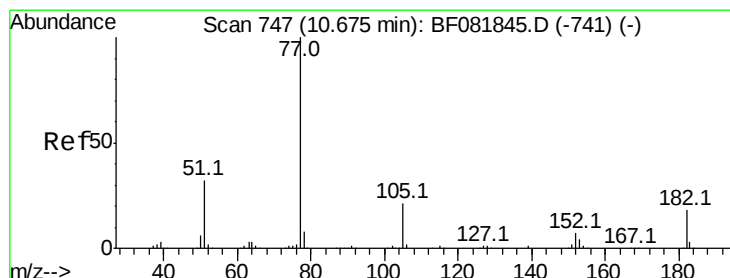
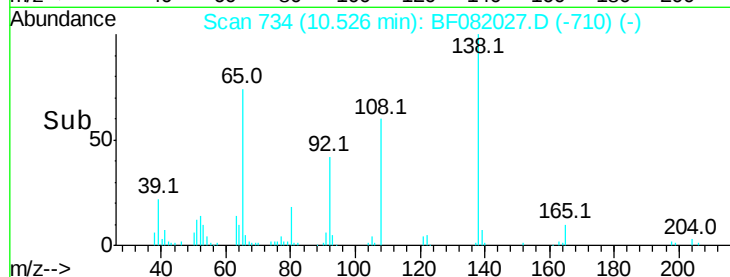
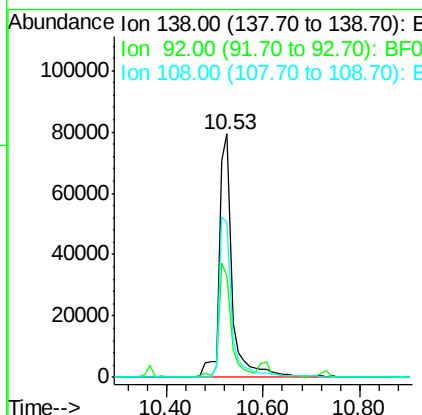
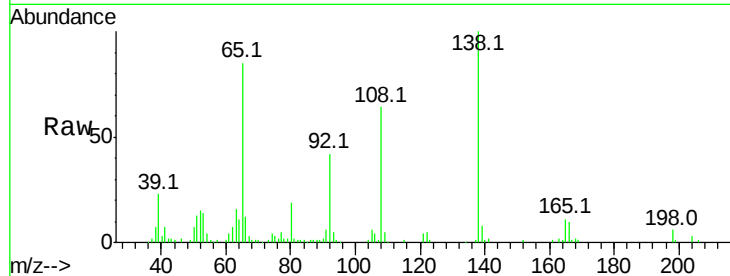
#61
4-Nitroaniline
Concen: 46.29 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	149710		
92	41.6	12.6	52.6	
108	63.8	12.4	52.4#	

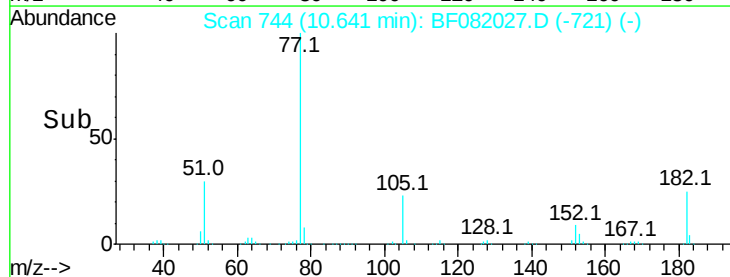
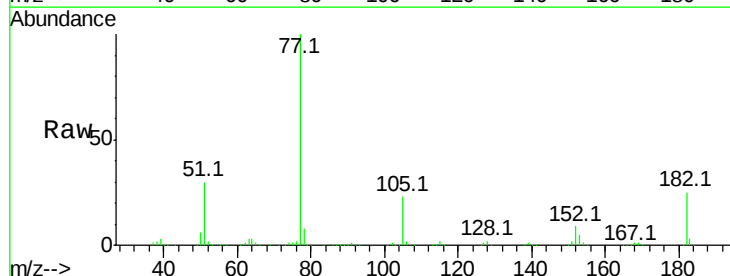
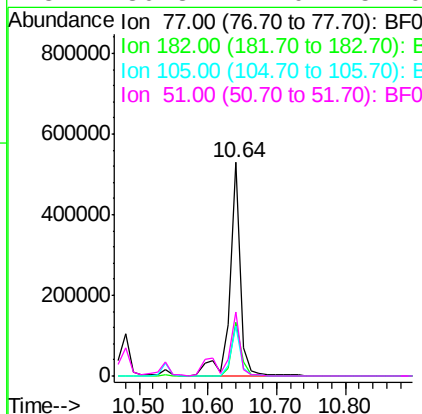
Manual Integrations
APPROVED

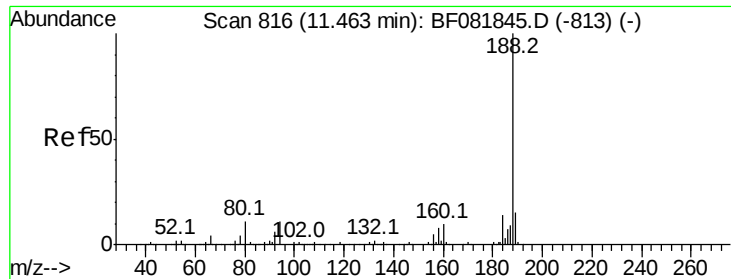
MMDADODA
10/5/2015 6:27:45 PM



#62
Azobenzene
Concen: 48.82 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	571465		
182	25.1	15.1	55.1	
105	23.2	3.4	43.4	
51	30.3	12.0	52.0	





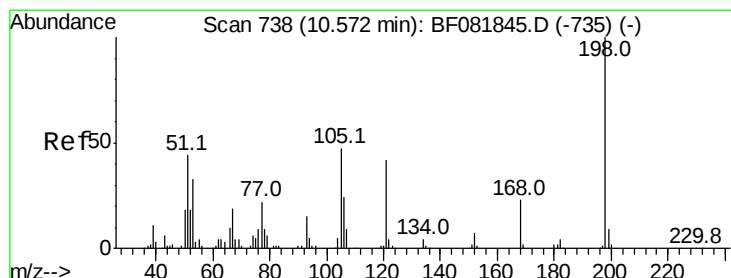
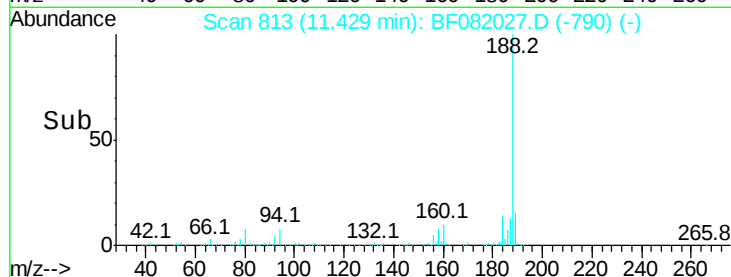
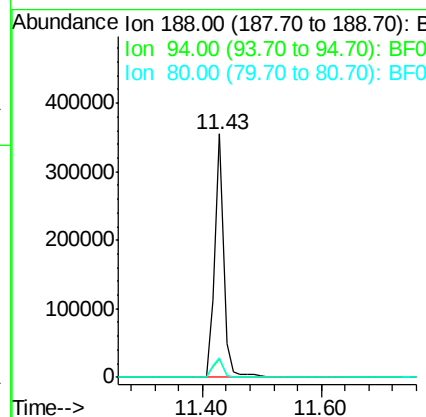
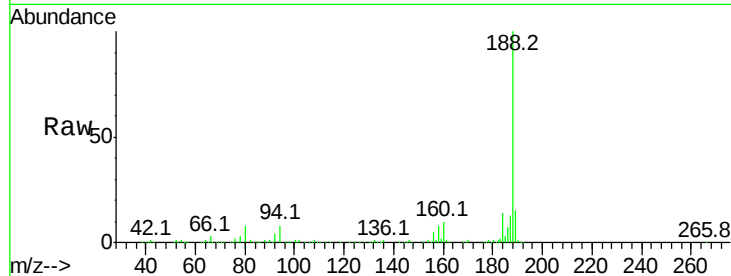
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.5	11.1	16.7#	
80	8.0	11.0	16.4#	

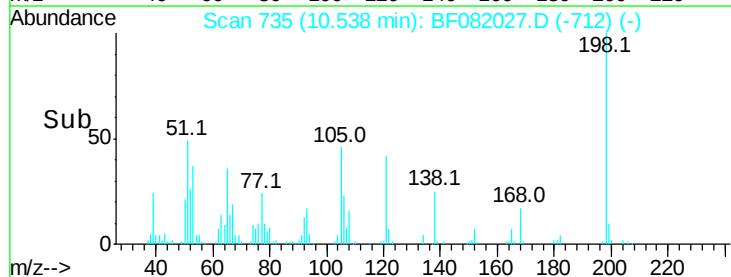
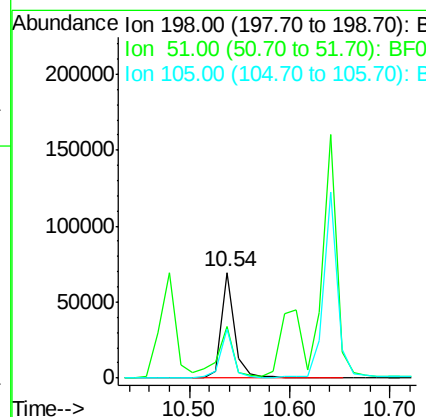
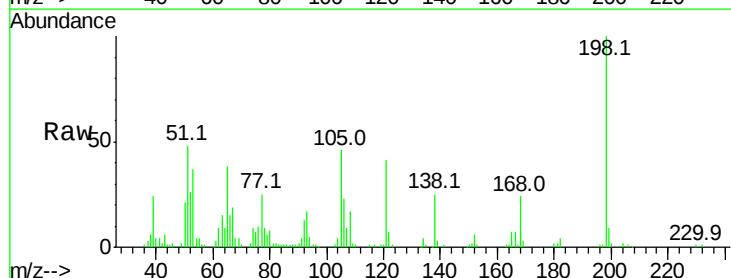
Manual Integrations
APPROVED

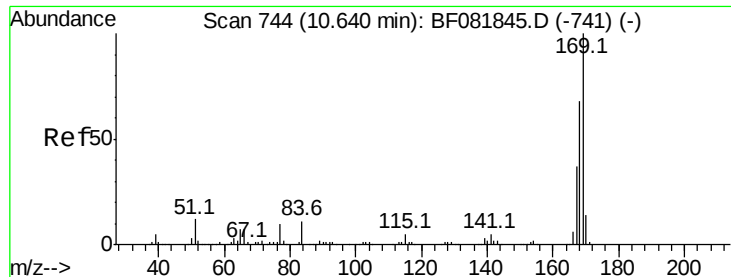
MMDADODA
10/5/2015 6:27:45 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.47 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.2	39.6	79.6	
105	46.3	28.5	68.5	





#65

n-Nitrosodiphenylamine

Concen: 45.00 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

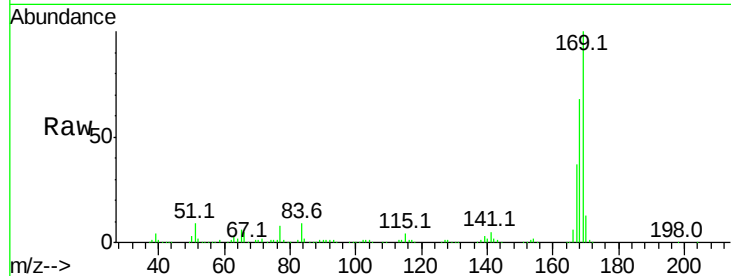
ClientSampleId :

MGP220BR-37-38MS

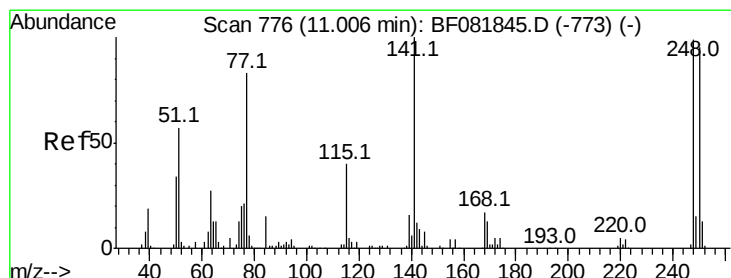
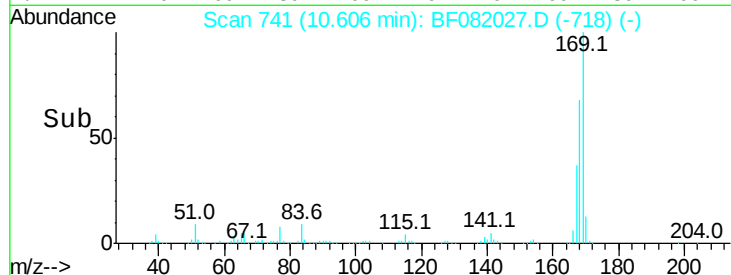
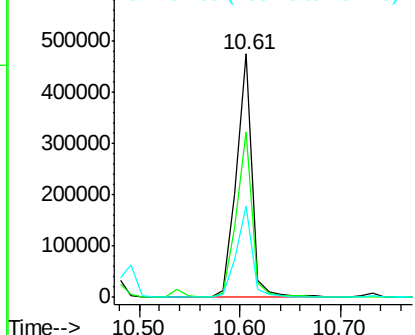
Tot Ion:	169	Resp:	513040
Ion Ratio	Lower	Upper	
169	100		
168	67.9	48.9	73.3
167	37.4	26.2	39.4

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



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



#66

4-Bromophenyl-phenylether

Concen: 46.44 ng

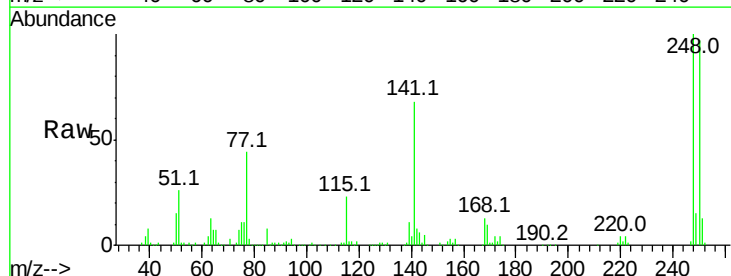
RT: 10.97 min Scan# 773

Delta R.T. -0.03 min

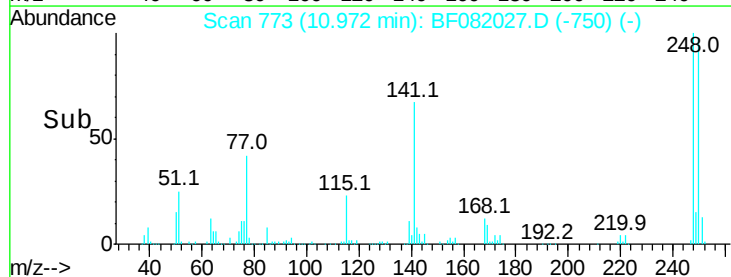
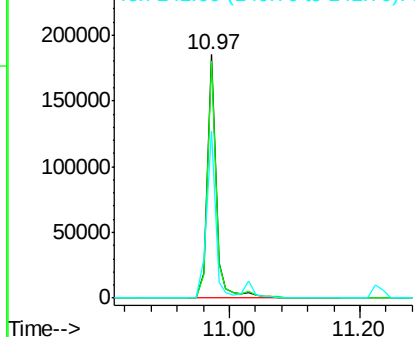
Lab File: BF082027.D

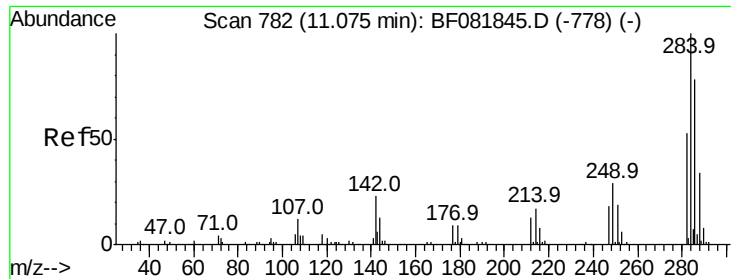
Acq: 3 Oct 2015 17:57

Tgt Ion:	248	Resp:	176446
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.5	117.7
141	68.3	59.0	88.6



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





#67

Hexachlorobenzene

Concen: 38.65 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

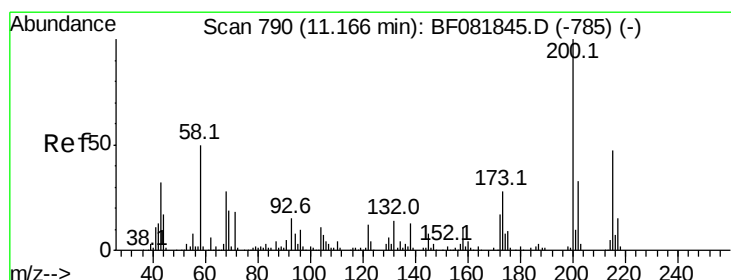
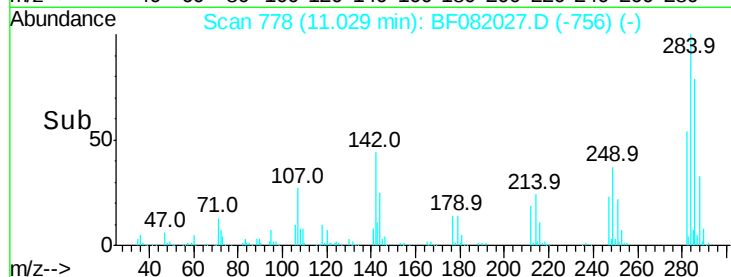
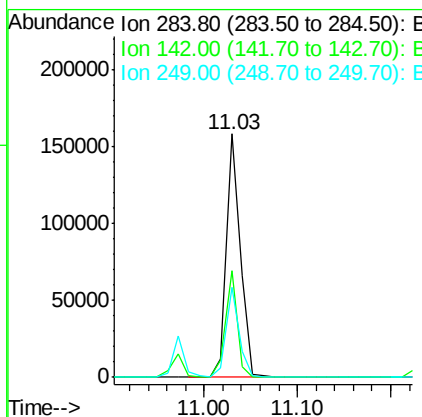
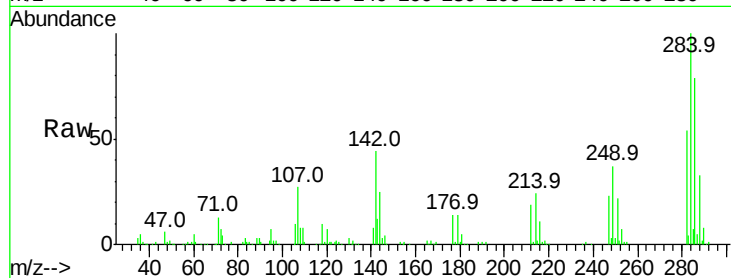
ClientSampleId :

MGP220BR-37-38MS

Tot Ion:	284	Resp:	165708
Ion Ratio		Lower	Upper
284	100		
142	43.6	29.5	44.3
249	37.2	19.5	29.3#

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#68

Atrazine

Concen: 44.74 ng

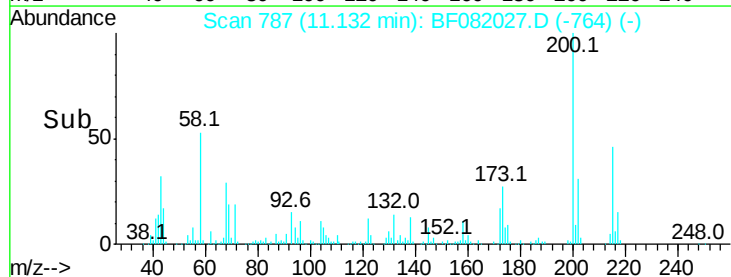
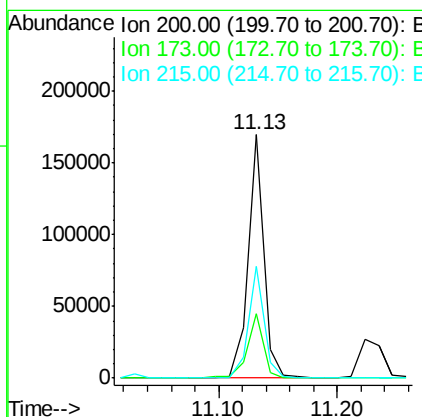
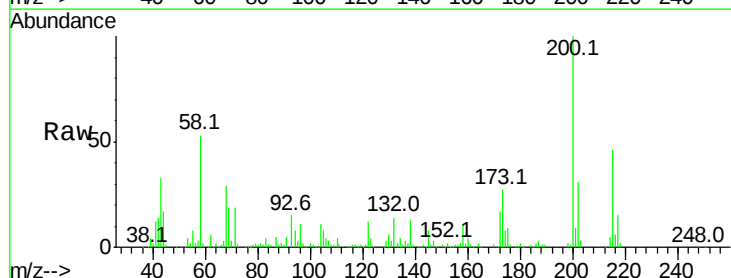
RT: 11.13 min Scan# 787

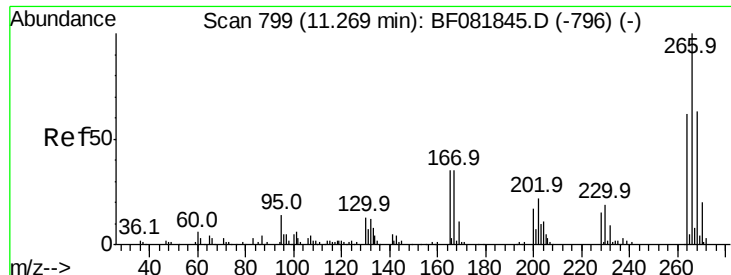
Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	200	Resp:	158267
Ion Ratio		Lower	Upper
200	100		
173	26.6	13.2	53.2
215	46.2	41.8	81.8





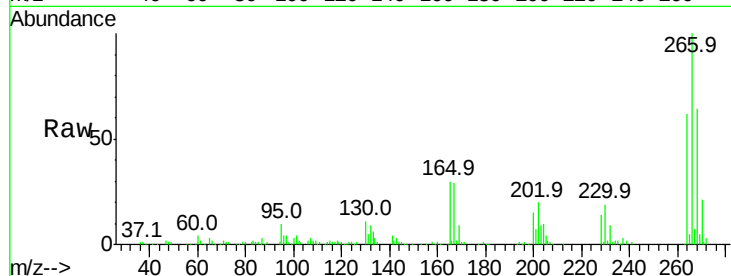
#69
 Pentachlorophenol
 Concen: 81.47 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

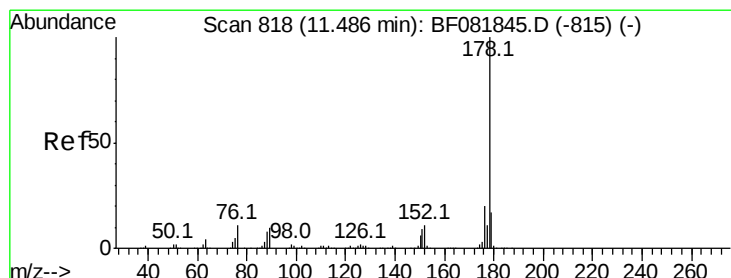
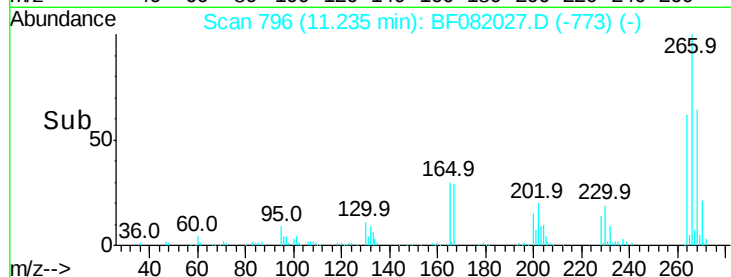
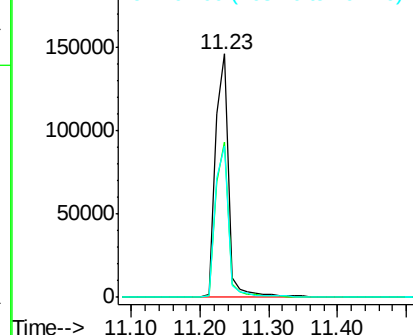
Tot Ion	Ratio	Resp	Lower	Upper
266	100	199034		
268	63.6	49.8	74.6	
264	62.2	50.2	75.2	

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:45 PM

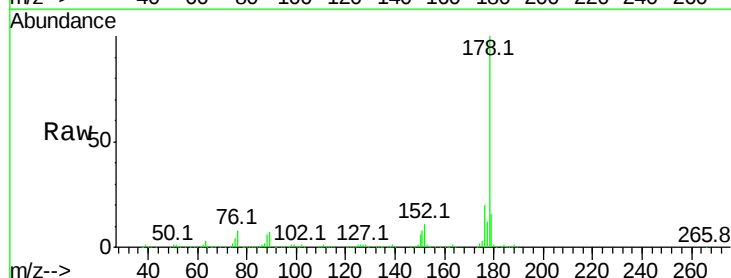


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

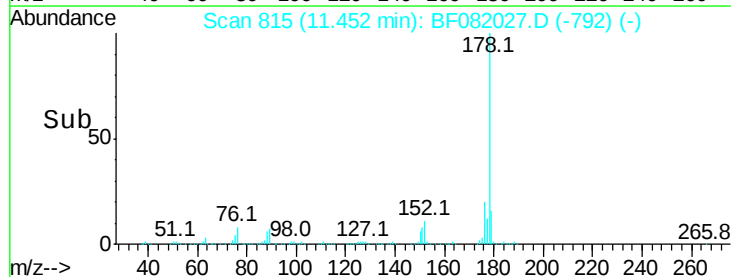
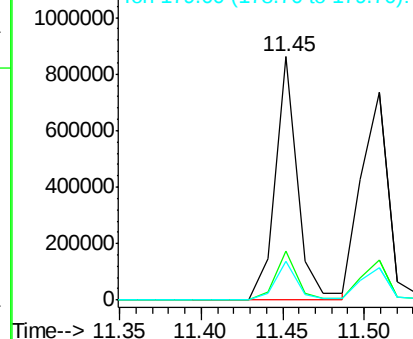


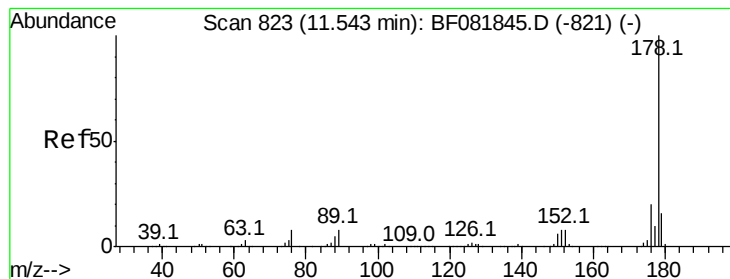
#70
 Phenanthrene
 Concen: 45.28 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	820874		
176	20.2	13.8	20.8	
179	15.8	12.2	18.2	



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





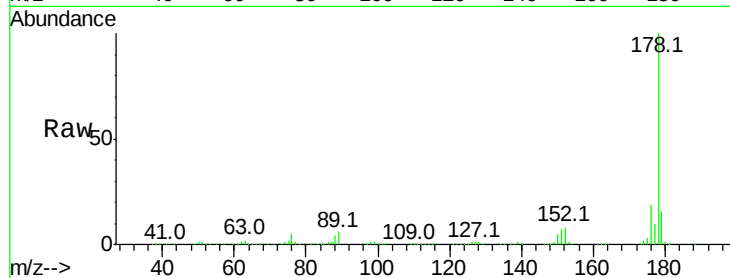
#71
 Anthracene
 Concen: 47.01 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

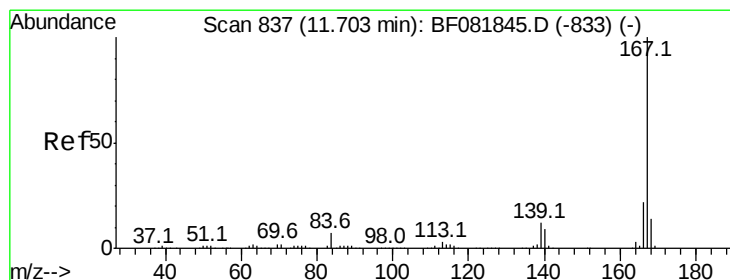
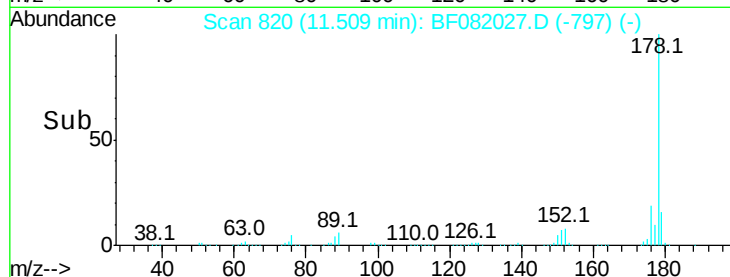
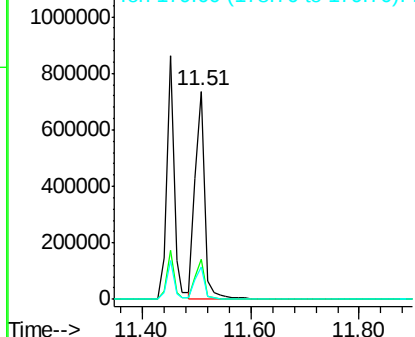
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	15.6	12.2	18.2

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:45 PM

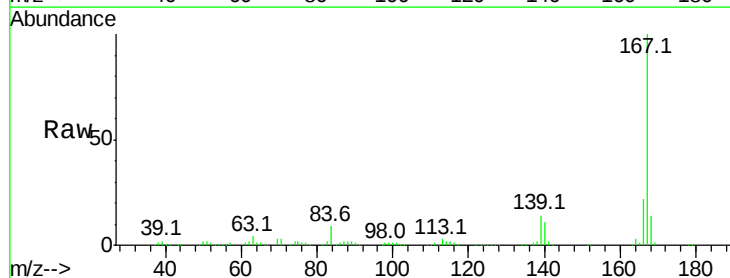


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

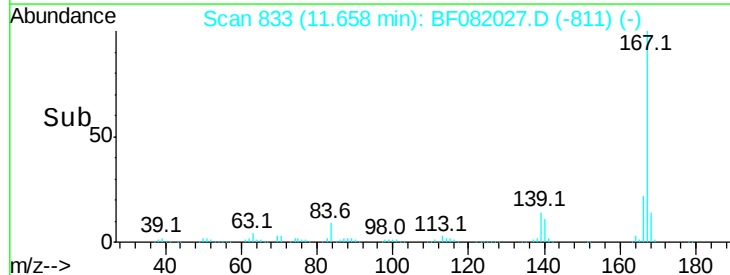
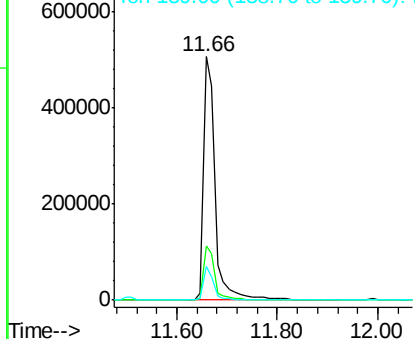


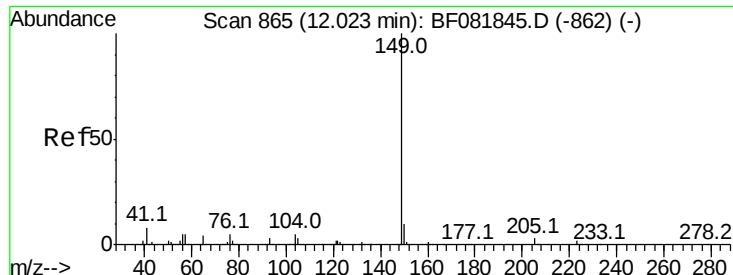
#72
 Carbazole
 Concen: 47.01 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	15.7	23.5
139	13.7	9.5	14.3



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





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

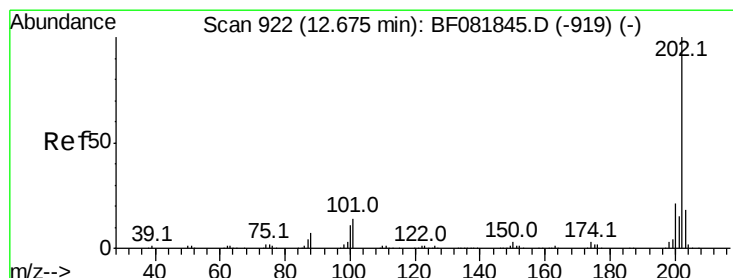
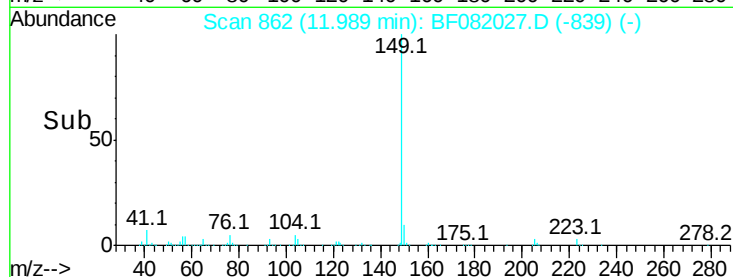
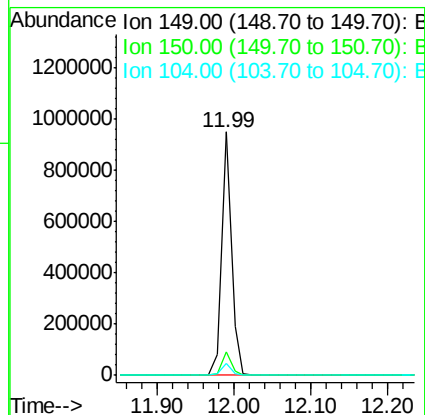
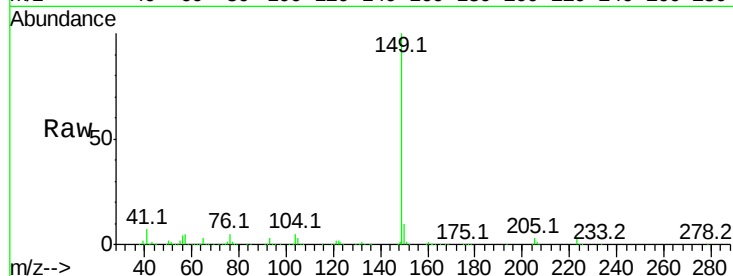
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion:	149	Resp:	851421
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	4.8	2.4	3.6#



#74

Fluoranthene

Concen: 43.90 ng

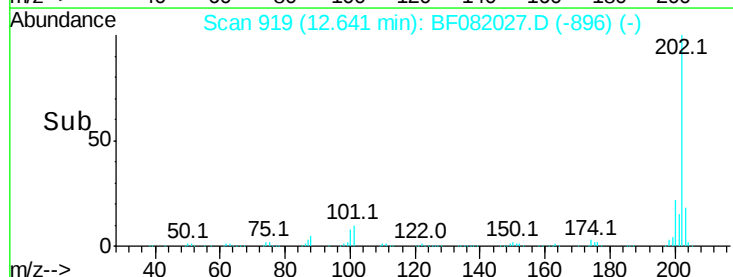
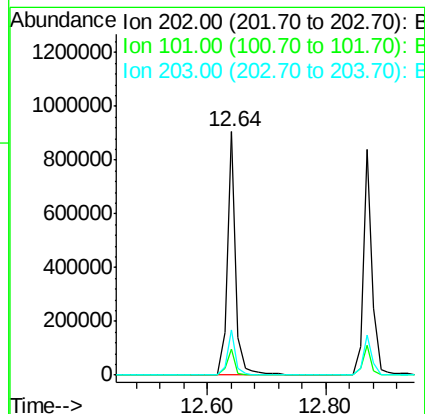
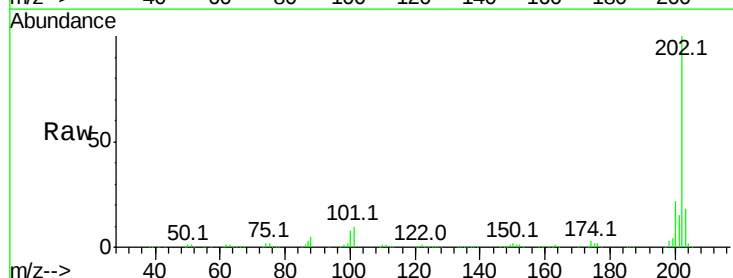
RT: 12.64 min Scan# 919

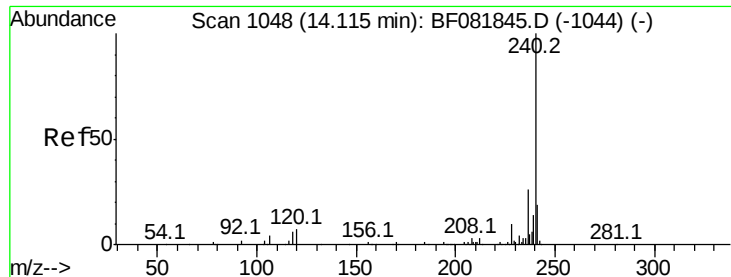
Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	202	Resp:	886097
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	38.3
203	18.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

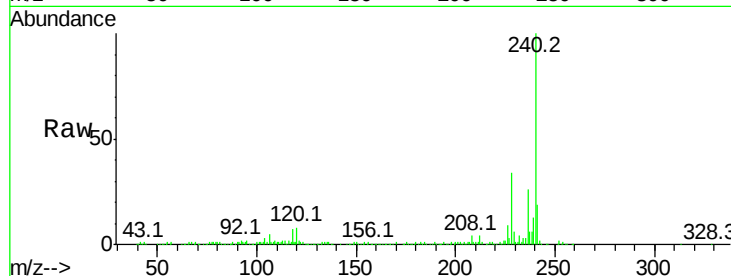
ClientSampleId :

MGP220BR-37-38MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	16.2	24.2#
236	26.5	18.4	27.6

Manual Integrations
APPROVED

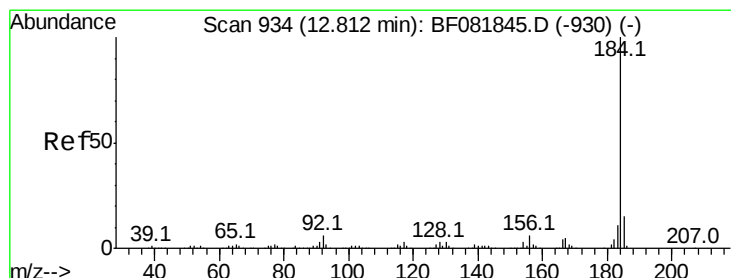
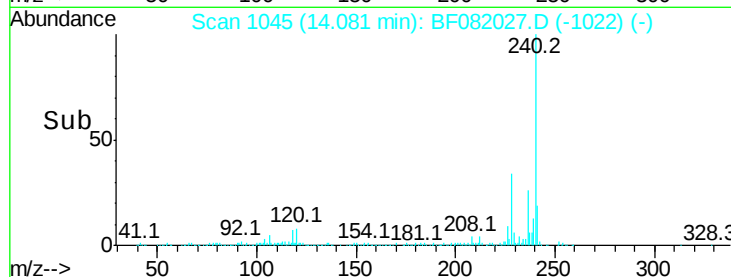
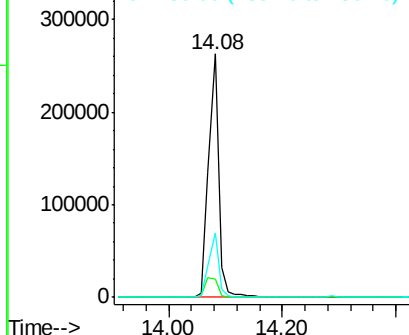
MMDADODA
10/5/2015 6:27:45 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.83 ng

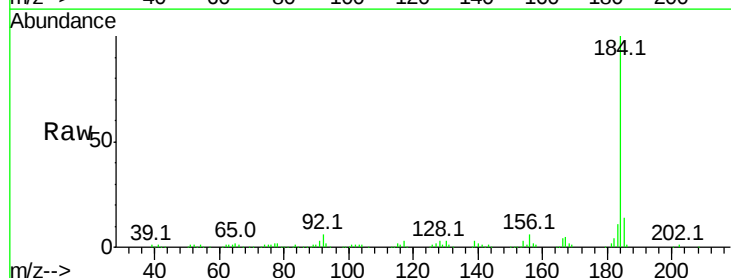
RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

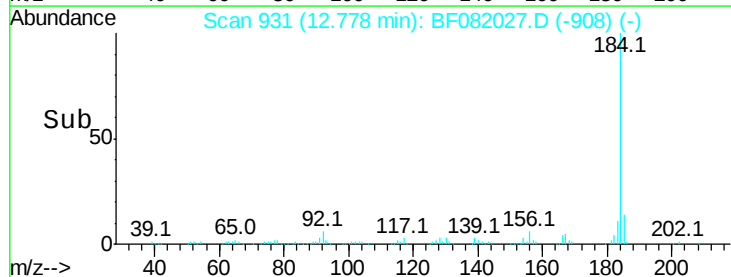
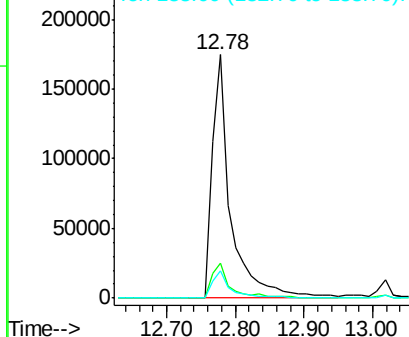
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.3	7.6	11.4

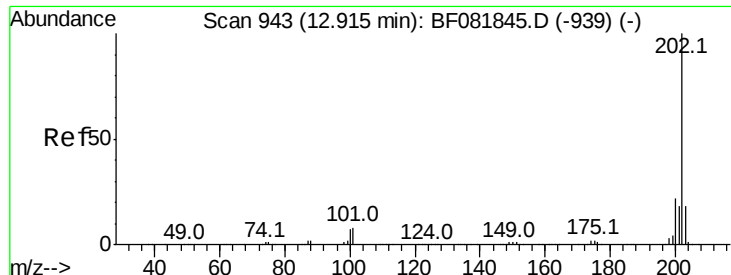


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





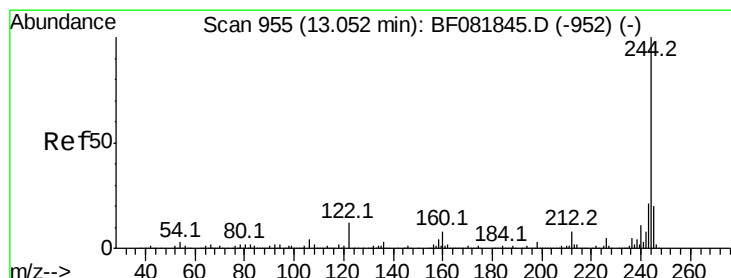
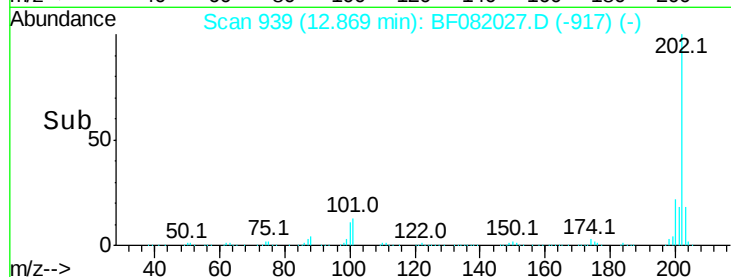
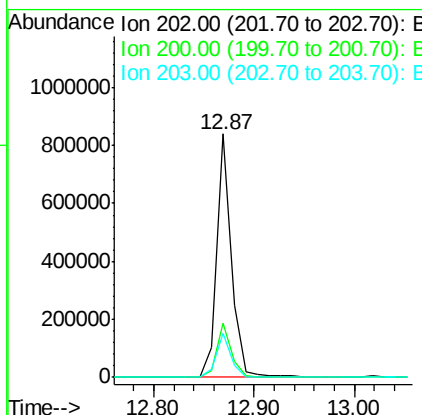
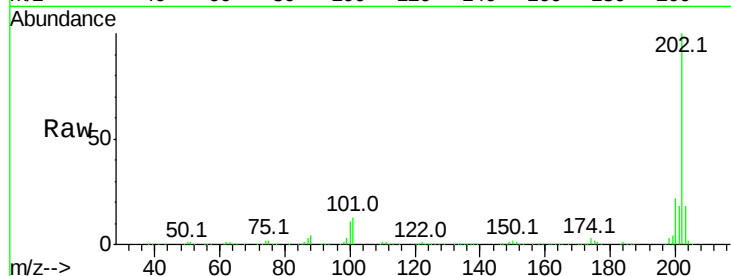
#77
Pvrene
Concen: 45.38 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	15.0	22.4
203	18.0	14.1	21.1

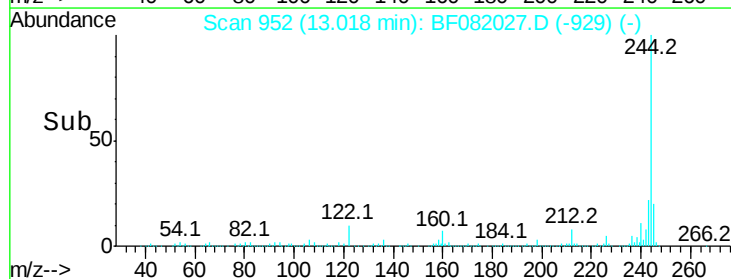
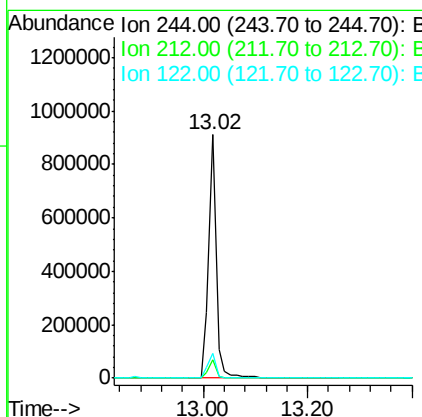
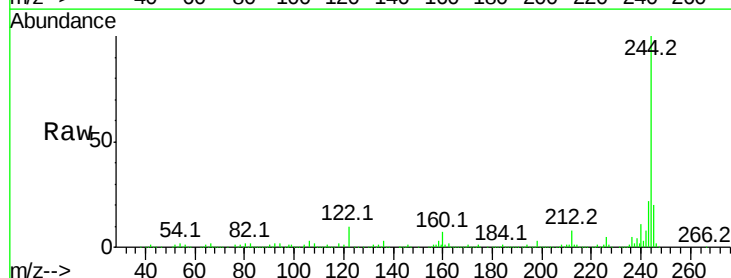
Manual Integrations
APPROVED

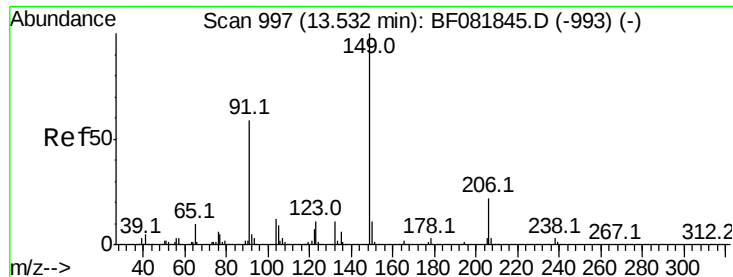
MMDADODA
10/5/2015 6:27:45 PM



#78
Terphenyl-d14
Concen: 100.74 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082027.D
Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	10.0	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 55.57 ng

RT: 13.50 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

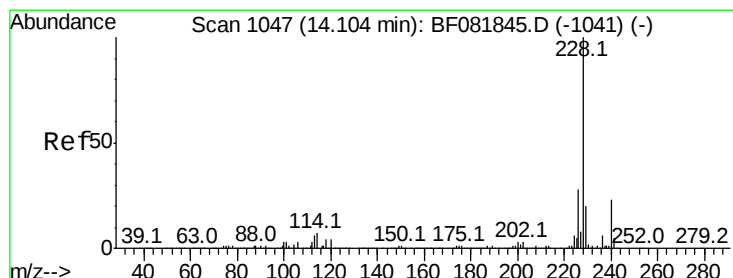
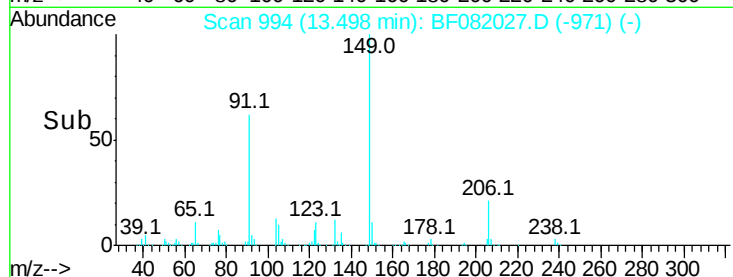
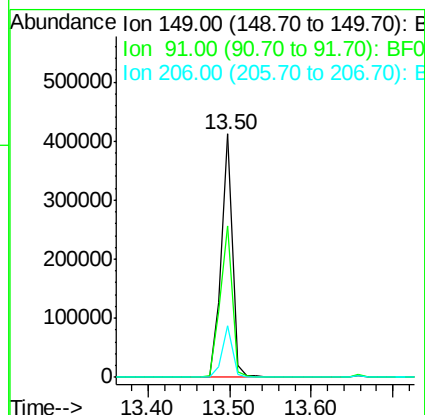
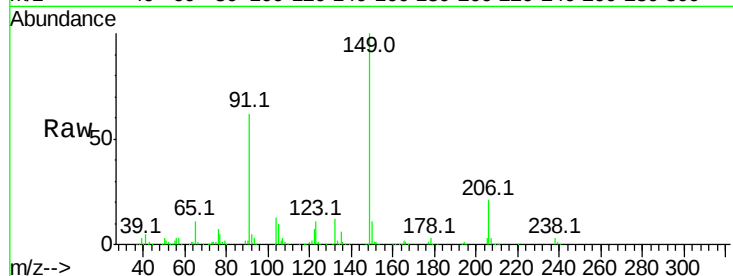
ClientSampleId :

MGP220BR-37-38MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391697		
91	62.2	48.6	72.8	
206	21.2	14.9	22.3	



#80

Benzo(a)anthracene

Concen: 42.07 ng

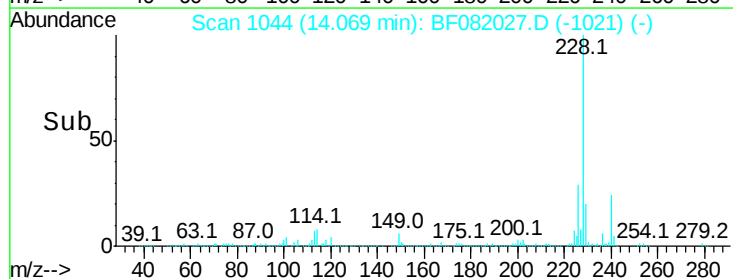
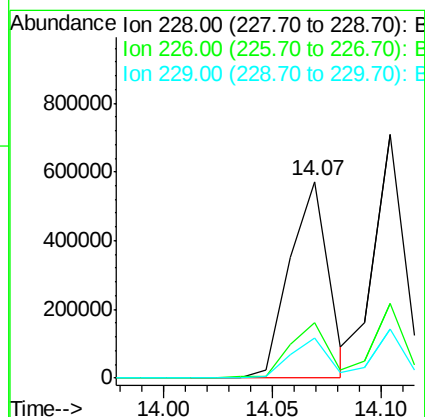
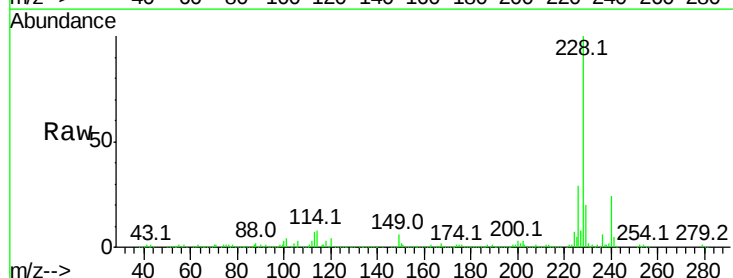
RT: 14.07 min Scan# 1044

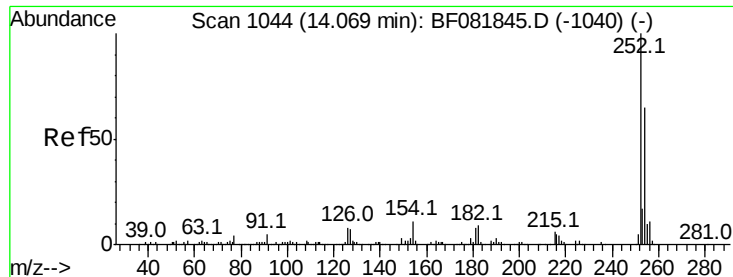
Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	710248		
226	28.6	20.0	30.0	
229	20.2	15.4	23.2	





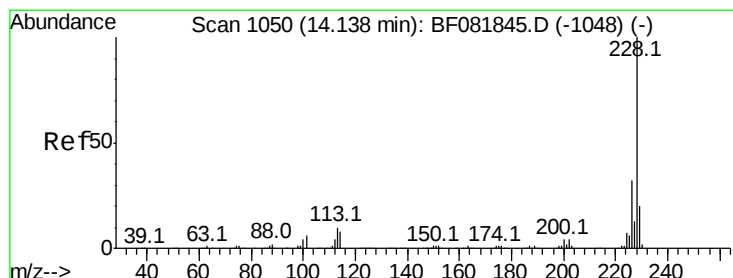
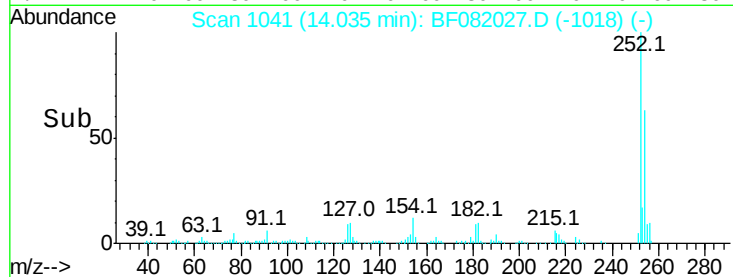
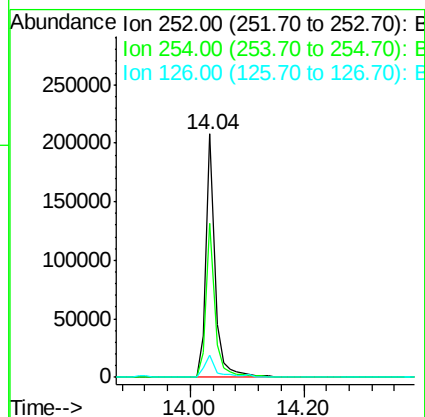
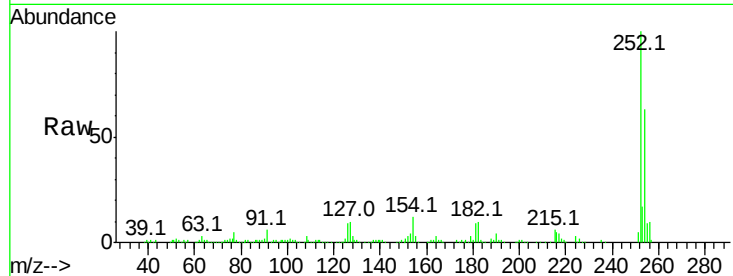
#81
 3,3'-Dichlorobenzidine
 Concen: 39.23 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.4	77.2
126	9.1	16.4	24.6

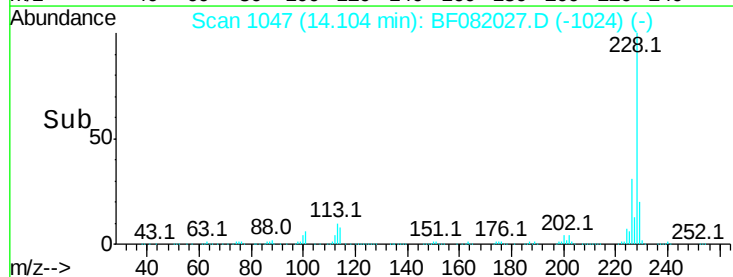
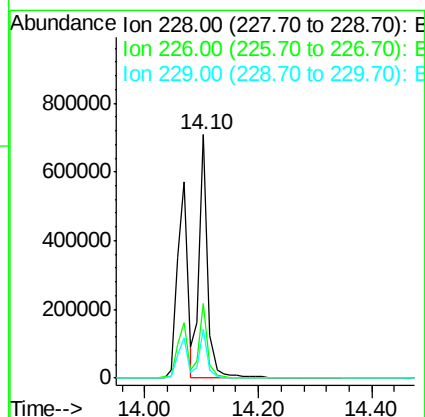
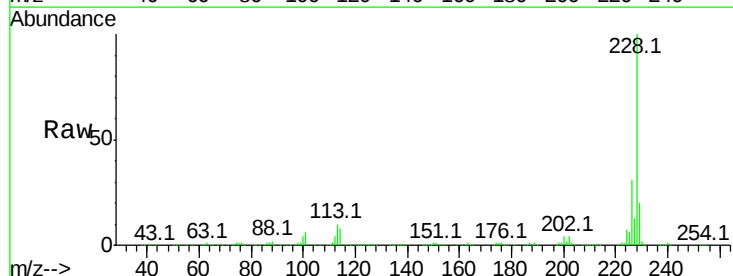
Manual Integrations
 APPROVED

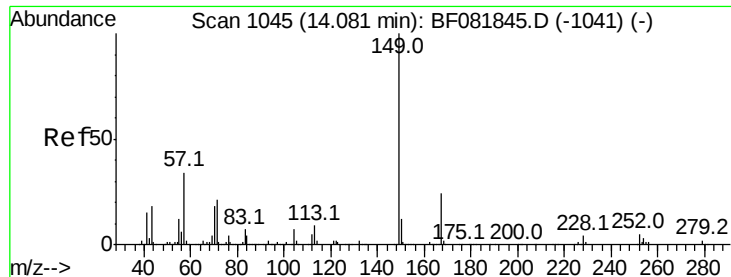
MMDADODA
 10/5/2015 6:27:45 PM



#82
 Chrysene
 Concen: 64.20 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	21.0	31.4
229	20.3	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.26 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

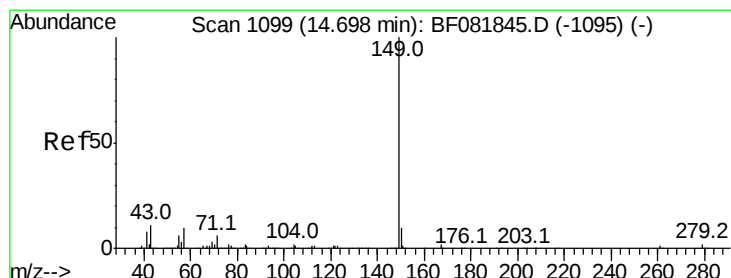
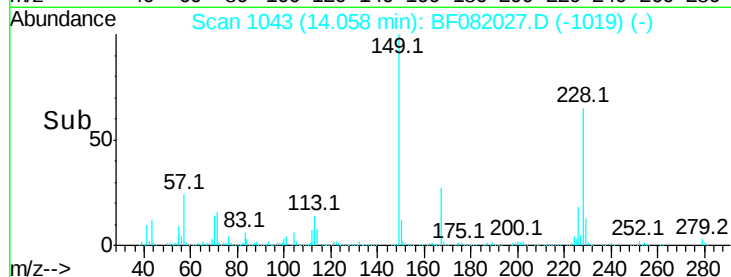
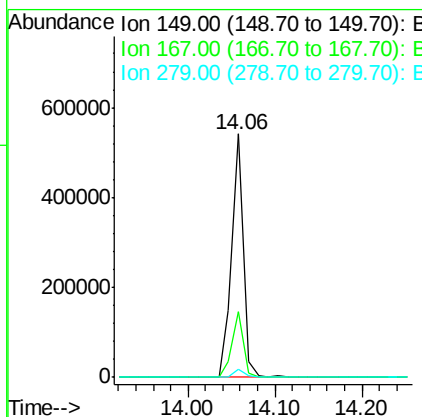
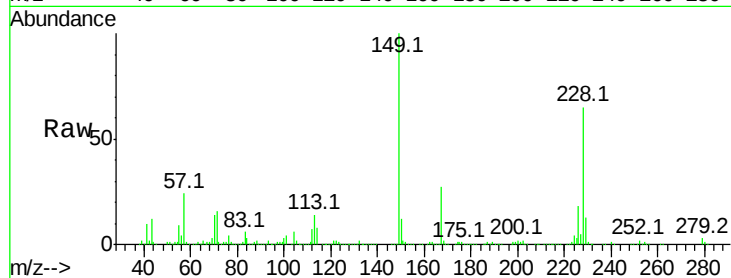
ClientSampleId :

MGP220BR-37-38MS

Tot Ion:	149	Resp:	506302
Ion Ratio	Lower	Upper	
149	100		
167	26.9	24.2	36.2
279	3.3	3.8	5.6#

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#84

Di-n-octyl phthalate

Concen: 56.75 ng

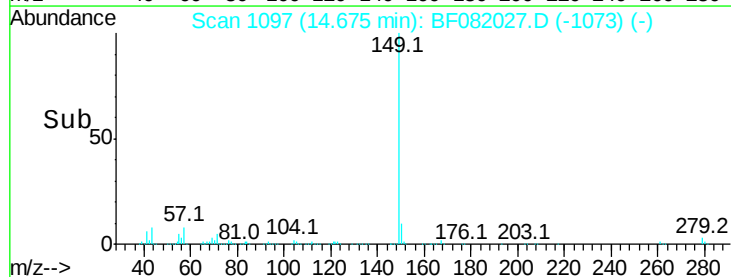
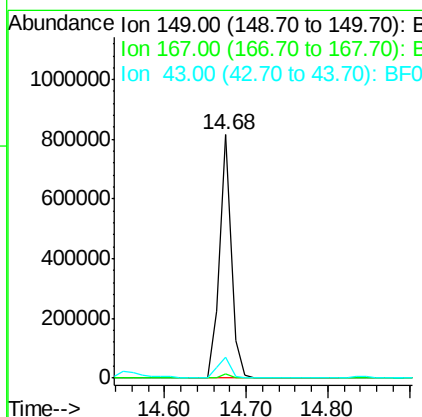
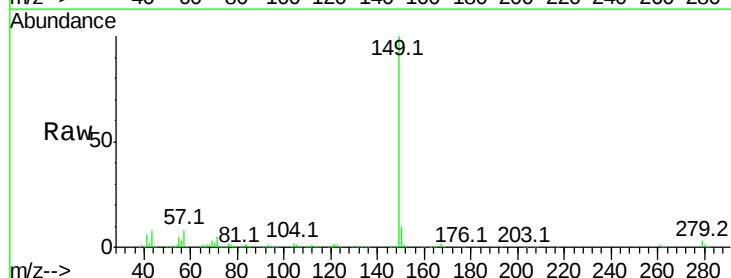
RT: 14.68 min Scan# 1097

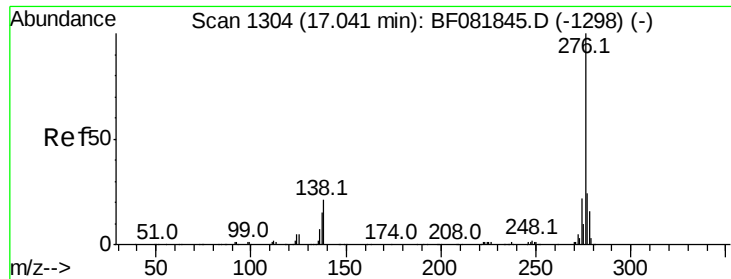
Delta R.T. -0.02 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	149	Resp:	816487
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	9.2	10.2	15.2#





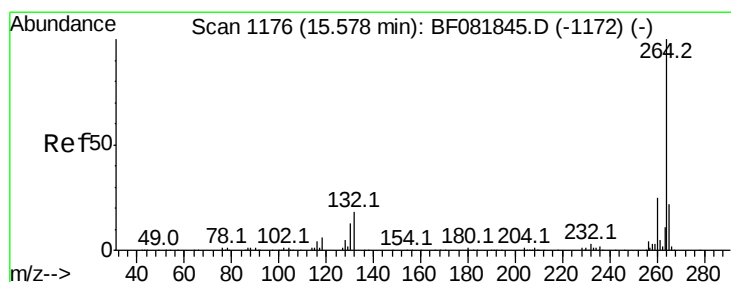
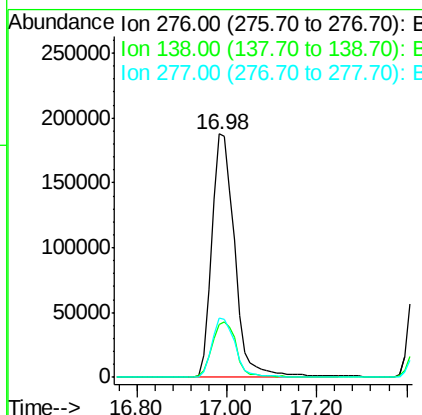
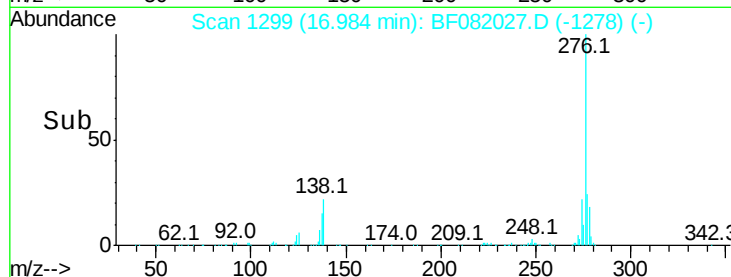
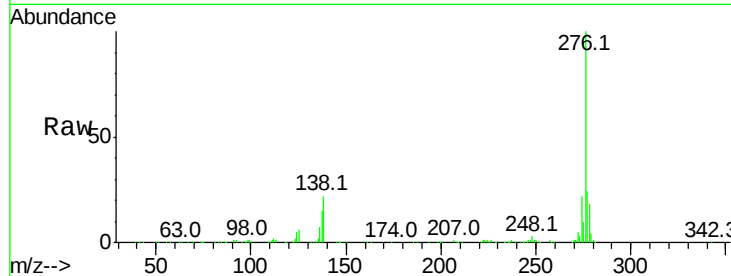
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.70 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.7	38.5#
277	25.0	15.6	23.4#

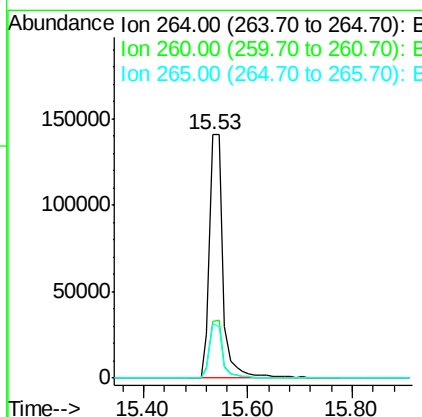
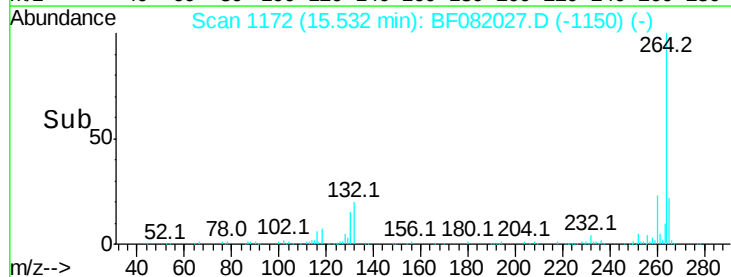
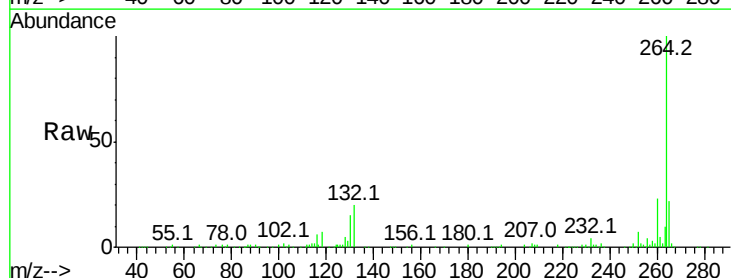
Manual Integrations
 APPROVED

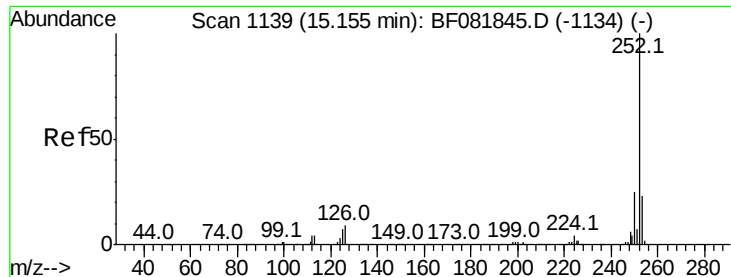
MMDADODA
 10/5/2015 6:27:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 52.42 ng m

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

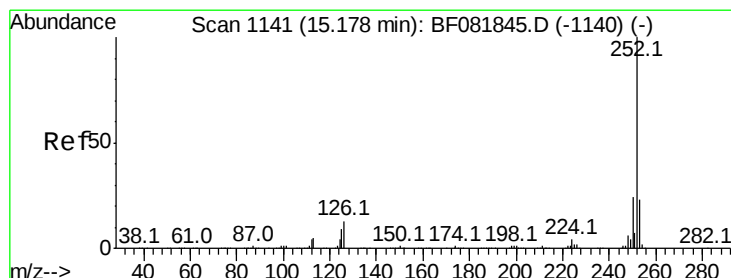
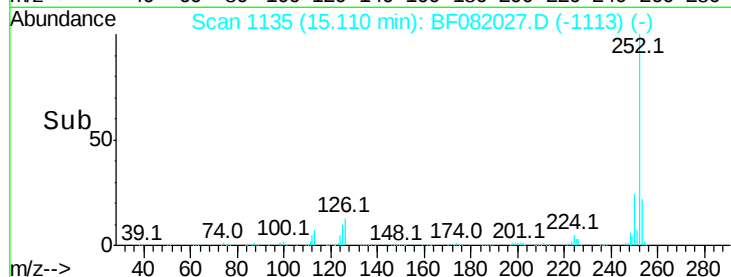
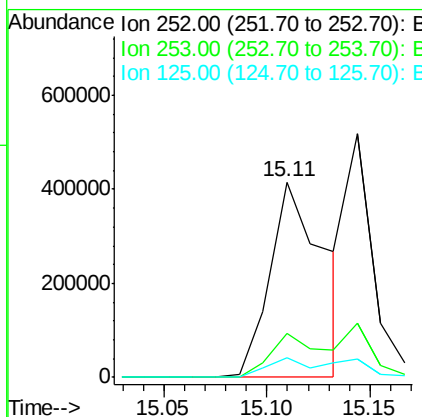
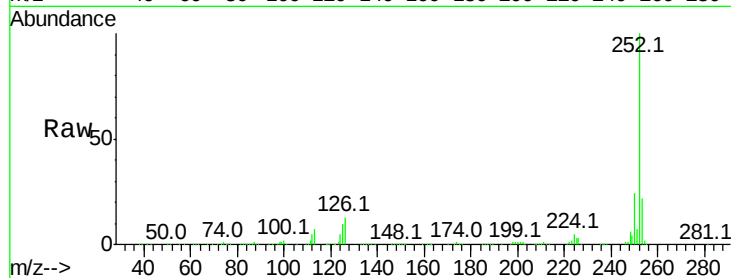
ClientSampleId :

MGP220BR-37-38MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.9	17.1	25.7#

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#88

Benzo(k)fluoranthene

Concen: 37.84 ng m

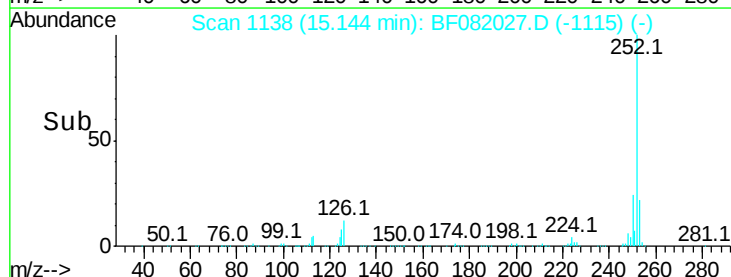
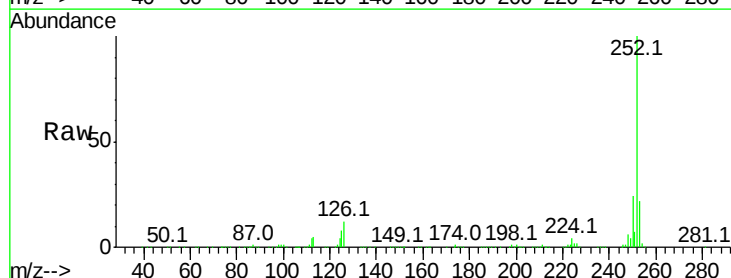
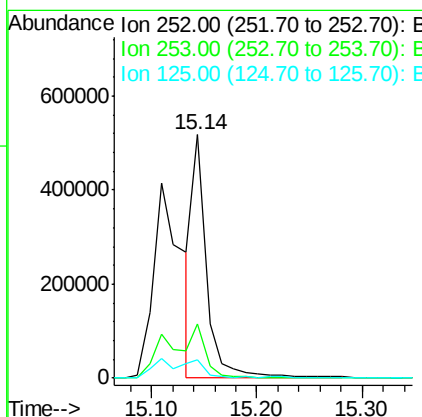
RT: 15.14 min Scan# 1138

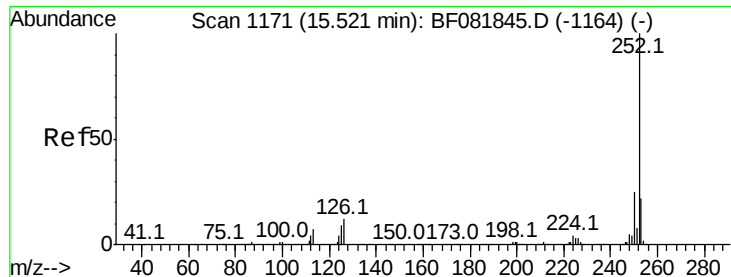
Delta R.T. -0.03 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	7.7	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 47.66 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Instrument :

BNA_F

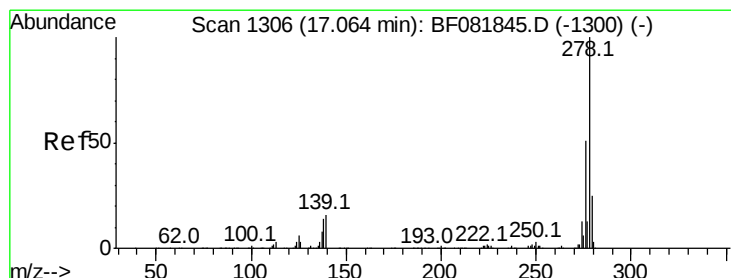
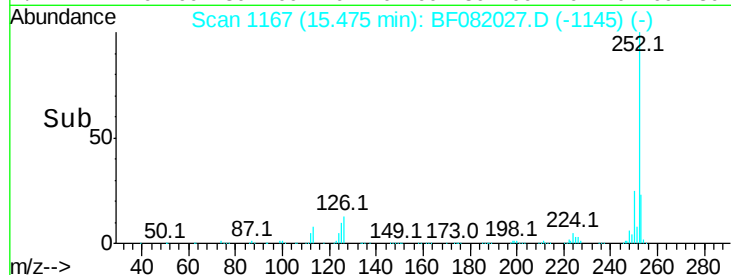
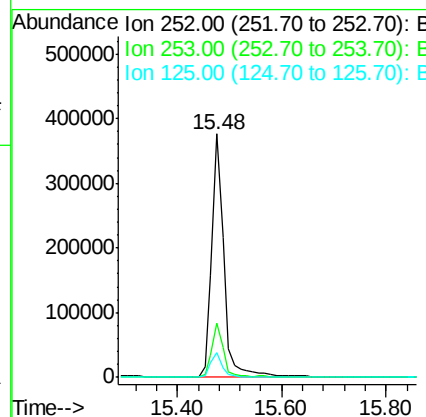
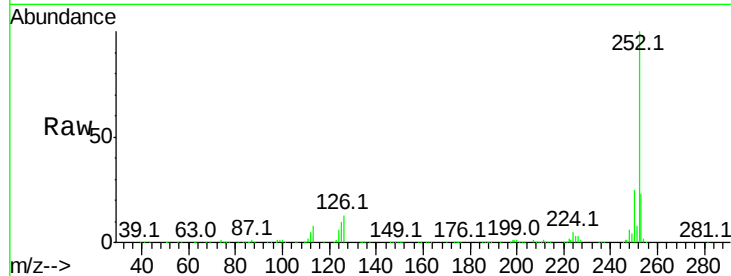
ClientSampleId :

MGP220BR-37-38MS

Tot Ion:	252	Resp:	603003
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	10.4	18.0	27.0#

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:27:45 PM



#90

Dibenzo(a,h)anthracene

Concen: 52.85 ng

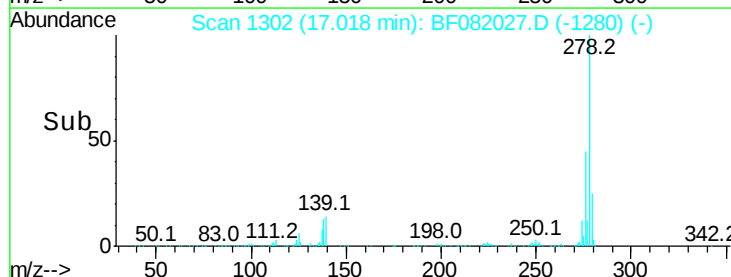
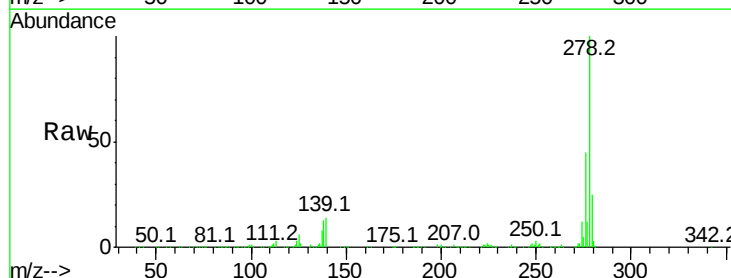
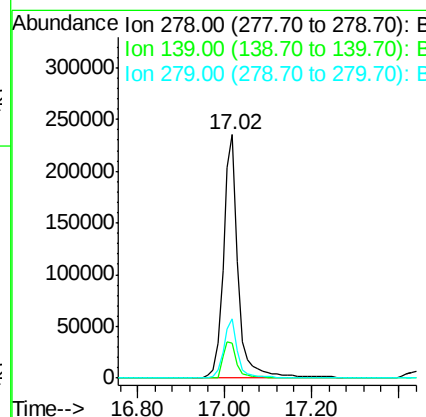
RT: 17.02 min Scan# 1302

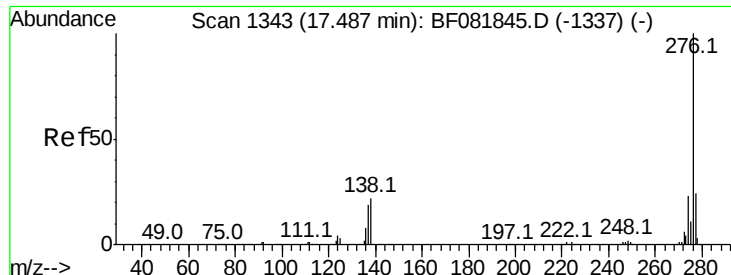
Delta R.T. -0.05 min

Lab File: BF082027.D

Acq: 3 Oct 2015 17:57

Tgt Ion:	278	Resp:	561048
Ion Ratio	Lower	Upper	
278	100		
139	14.3	26.3	39.5#
279	24.5	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.76 ng
 RT: 17.44 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF082027.D
 Acq: 3 Oct 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	552228		
277	23.8		17.8	26.6
138	18.9		34.6	51.8#

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:45 PM

