

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081302.D
 Acq On : 1 Sep 2015 14:10
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

Quant Time: Sep 01 16:12:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 15:44:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	57051	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	231372	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	98840	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	192000	20.00	ng	0.00
75) Chrysene-d12	13.50	240	164730	20.00	ng	0.00
86) Perylene-d12	14.80	264	131159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	69389	9.51	ng	0.00
7) Phenol-d6	6.04	99	95717	9.67	ng	-0.01
23) Nitrobenzene-d5	6.96	82	85886	8.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.19	330	15547	8.94	ng	-0.01
44) 2-Fluorobiphenyl	8.75	172	144845	8.80	ng	-0.01
78) Terphenyl-d14	12.47	244	127884	9.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	14885	9.11	ng	92
3) Pyridine	2.31	79	38810	9.02	ng	# 90
4) n-Nitrosodimethylamine	2.24	42	19776	8.13	ng	84
6) Aniline	6.04	93	66249	9.49	ng	# 76
8) 2-Chlorophenol	6.17	128	36290	9.00	ng	92
9) Benzaldehyde	5.92	77	29444	9.50	ng	# 71
10) Phenol	6.06	94	53686	9.37	ng	# 43
11) bis(2-Chloroethyl)ether	6.14	93	39355	9.69	ng	97
12) 1,3-Dichlorobenzene	6.32	146	40403	9.46	ng	# 87
13) 1,4-Dichlorobenzene	6.41	146	40125	9.14	ng	# 94
14) 1,2-Dichlorobenzene	6.56	146	38752	9.40	ng	93
15) Benzyl Alcohol	6.55	79	37816	9.46	ng	# 68
16) 2,2'-oxybis(1-Chloropropan	6.70	45	78564	9.68	ng	91
17) 2-Methylphenol	6.67	107	28887	9.01	ng	# 77
18) Hexachloroethane	6.90	117	16131	9.29	ng	# 81
19) n-Nitroso-di-n-propylamine	6.82	70	33160	10.07	ng	# 84
20) 3+4-Methylphenols	6.83	107	41118	9.34	ng	# 85
22) Acetophenone	6.81	105	55712	8.84	ng	# 75
24) Nitrobenzene	6.98	77	46519	9.28	ng	# 67
25) Isophorone	7.22	82	76308	8.71	ng	# 80
26) 2-Nitrophenol	7.30	139	18979	9.13	ng	# 39
27) 2,4-Dimethylphenol	7.36	122	31460	8.50	ng	# 72
28) bis(2-Chloroethoxy)methane	7.45	93	43389	8.39	ng	# 90
29) 2,4-Dichlorophenol	7.55	162	27782	8.54	ng	95
30) 1,2,4-Trichlorobenzene	7.62	180	30085	8.74	ng	# 95
31) Naphthalene	7.70	128	115433	9.03	ng	99
32) Benzoic acid	7.46	122	19354	7.84	ng	# 62
33) 4-Chloroaniline	7.76	127	44650	8.70	ng	# 79
34) Hexachlorobutadiene	7.83	225	19673	9.02	ng	98
35) Caprolactam	8.10	113	8654	8.74	ng	# 22
36) 4-Chloro-3-methylphenol	8.26	107	31923	8.83	ng	83
37) 2-Methylnaphthalene	8.39	142	72889	9.37	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	31322	9.36	ng	99
40) Hexachlorocyclopentadiene	8.55	237	11259	7.86	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081302.D
 Acq On : 1 Sep 2015 14:10
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC010

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

Quant Time: Sep 01 16:12:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 15:44:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	19502	9.21	ng	99
43) 2,4,5-Trichlorophenol	8.72	196	20441	9.23	ng	96
45) 1,1'-Biphenyl	8.86	154	90500	9.68	ng	95
46) 2-Chloronaphthalene	8.87	162	64269	9.24	ng	# 87
47) 2-Nitroaniline	8.98	65	23501	8.89	ng	84
48) Acenaphthylene	9.28	152	119729	9.88	ng	97
49) Dimethylphthalate	9.16	163	77684	9.47	ng	# 97
50) 2,6-Dinitrotoluene	9.22	165	16579	9.43	ng	# 39
51) Acenaphthene	9.45	154	67286	9.81	ng	90
52) 3-Nitroaniline	9.38	138	18906	8.94	ng	# 37
53) 2,4-Dinitrophenol	9.50	184	2801	4.71	ng	# 22
54) Dibenzofuran	9.62	168	99027	9.81	ng	# 88
55) 4-Nitrophenol	9.56	139	11920	9.70	ng	# 1
56) 2,4-Dinitrotoluene	9.62	165	21600	9.67	ng	# 54
57) Fluorene	9.95	166	70370	9.03	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	15918	9.70	ng	94
59) Diethylphthalate	9.86	149	83578	9.81	ng	95
60) 4-Chlorophenyl-phenylether	9.96	204	37417	9.85	ng	# 89
61) 4-Nitroaniline	9.99	138	20673	10.26	ng	# 43
62) Azobenzene	10.12	77	85686	9.06	ng	95
64) 4,6-Dinitro-2-methylphenol	10.02	198	8247	8.09	ng	82
65) n-Nitrosodiphenylamine	10.08	169	65490	9.07	ng	92
66) 4-Bromophenyl-phenylether	10.44	248	19400	9.97	ng	# 86
67) Hexachlorobenzene	10.50	284	20285	9.88	ng	# 87
68) Atrazine	10.62	200	19236	9.24	ng	83
69) Pentachlorophenol	10.70	266	3938	6.38	ng	95
70) Phenanthrene	10.90	178	109364	9.64	ng	98
71) Anthracene	10.96	178	107076	9.43	ng	99
72) Carbazole	11.12	167	105621	9.89	ng	96
73) Di-n-butylphthalate	11.47	149	118448	9.88	ng	# 97
74) Fluoranthene	12.08	202	117617	9.89	ng	87
76) Benzidine	12.22	184	71294	10.46	ng	99
77) Pyrene	12.30	202	114297	9.29	ng	99
79) Butylbenzylphthalate	12.95	149	46125	9.69	ng	# 67
80) Benzo(a)anthracene	13.49	228	99138	9.44	ng	98
81) 3,3'-Dichlorobenzidine	13.46	252	33108	9.85	ng	# 94
82) Chrysene	13.52	228	91059	9.74	ng	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	63494	9.79	ng	# 88
84) Di-n-octyl phthalate	14.13	149	103150	9.82	ng	98
85) Indeno(1,2,3-cd)pyrene	15.89	276	67854	9.95	ng	# 87
87) Benzo(b)fluoranthene	14.47	252	82953m	8.79	ng	
88) Benzo(k)fluoranthene	14.49	252	81991m	10.18	ng	
89) Benzo(a)pyrene	14.75	252	73954	9.32	ng	# 84
90) Dibenzo(a,h)anthracene	15.90	278	55406	9.31	ng	# 79
91) Benzo(g,h,i)perylene	16.21	276	54071	9.51	ng	# 72

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

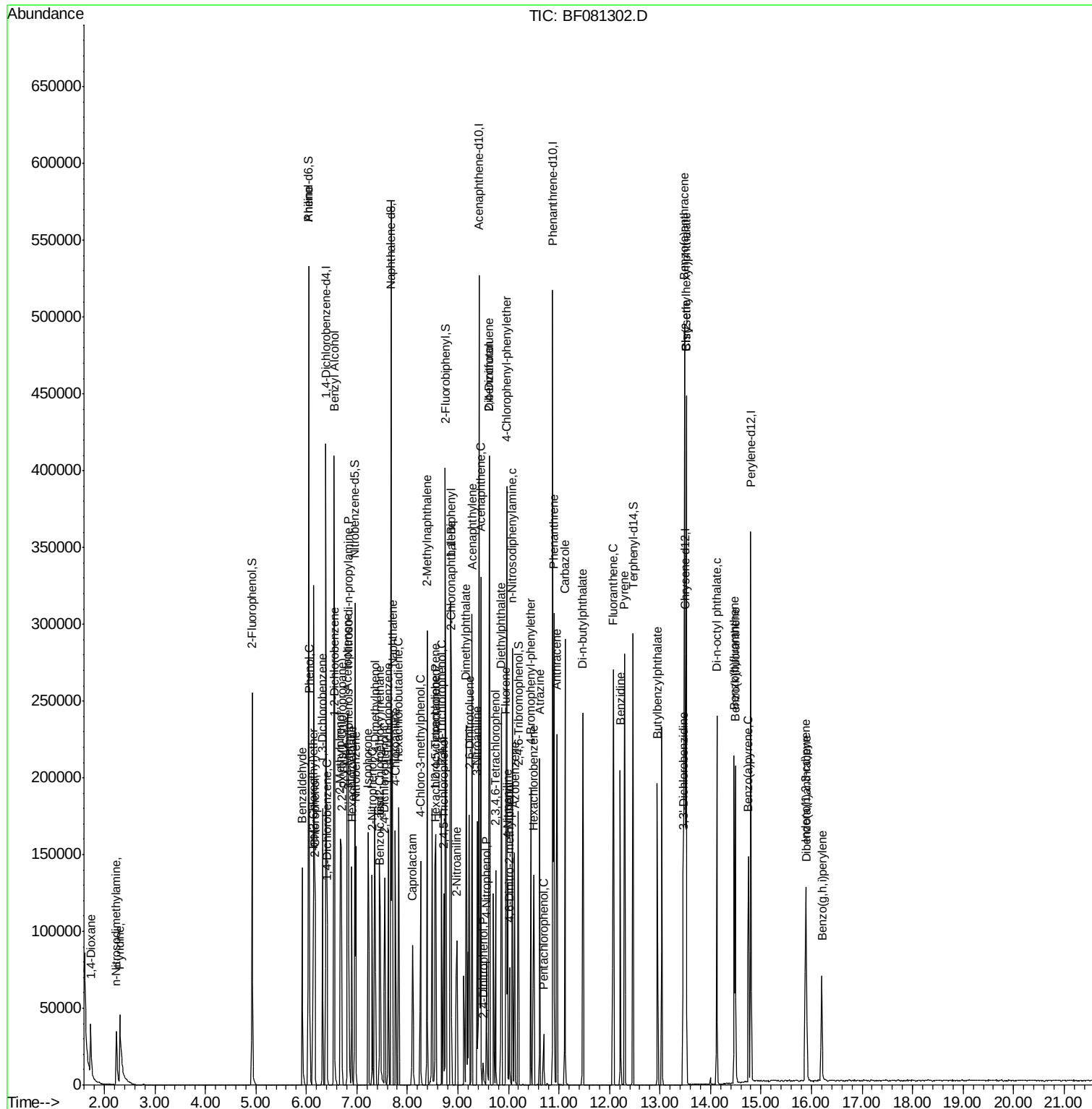
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081302.D
Acq On : 1 Sep 2015 14:10
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

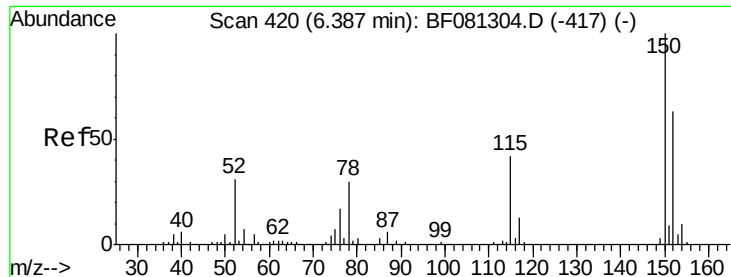
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM

Quant Time: Sep 01 16:12:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 15:44:10 2015
Response via : Initial Calibration





#1

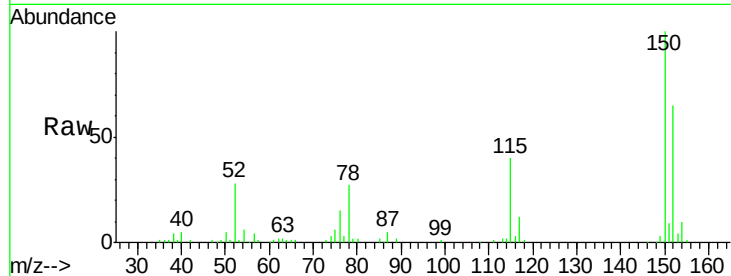
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

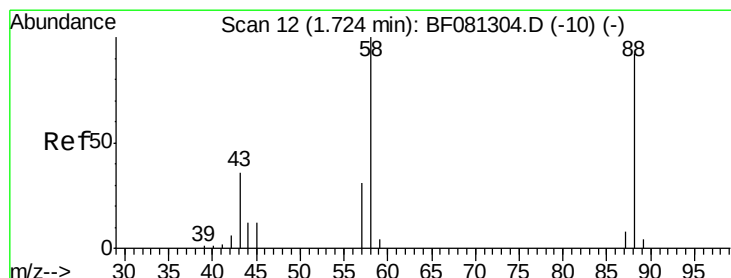
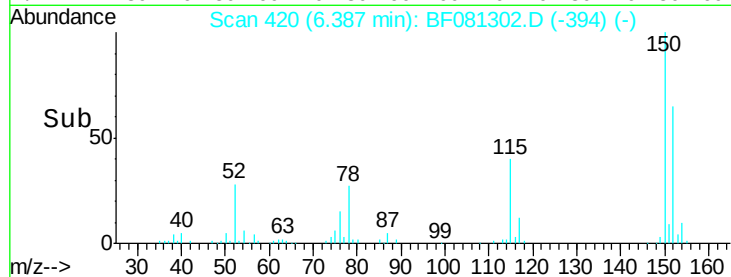
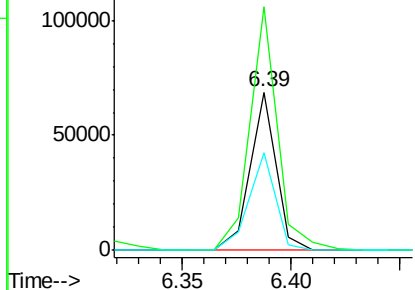
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	61.5	39.0	58.4

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



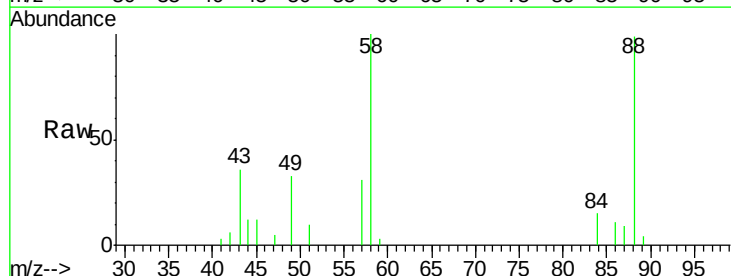
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



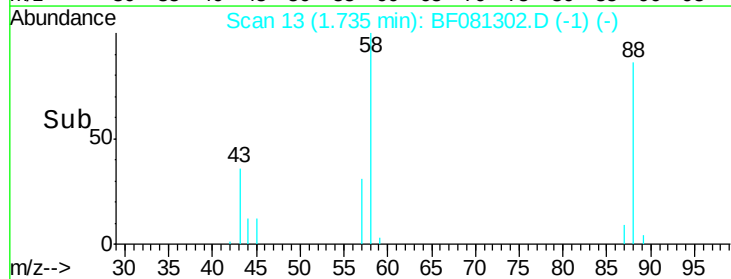
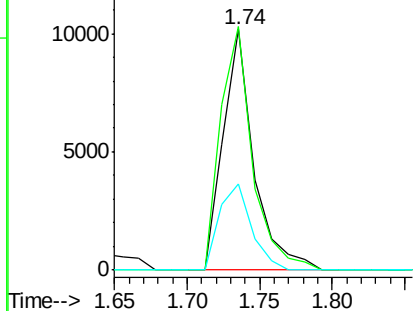
#2

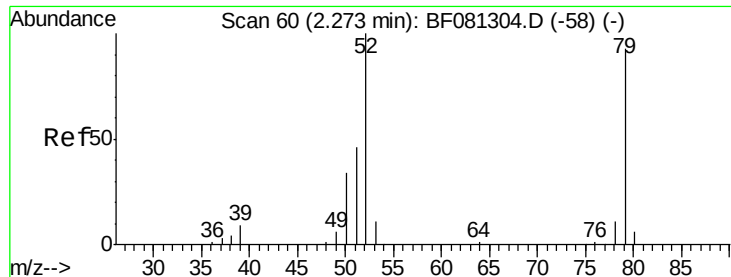
1,4-Dioxane
Concen: 9.11 ng
RT: 1.74 min Scan# 13
Delta R.T. 0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.2	77.7	116.5
43	37.4	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

Pyridine

Concen: 9.02 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.03 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

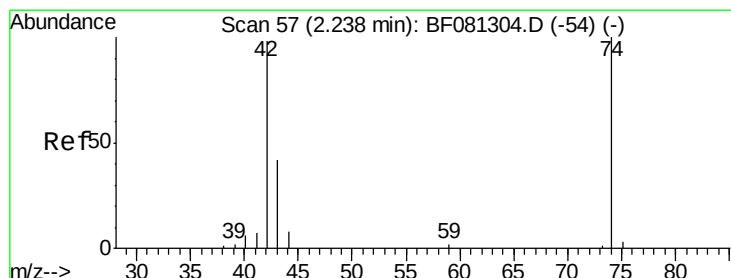
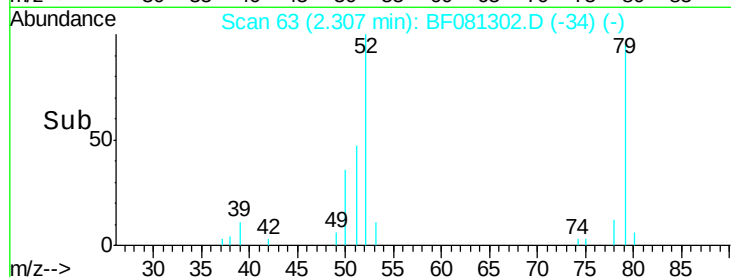
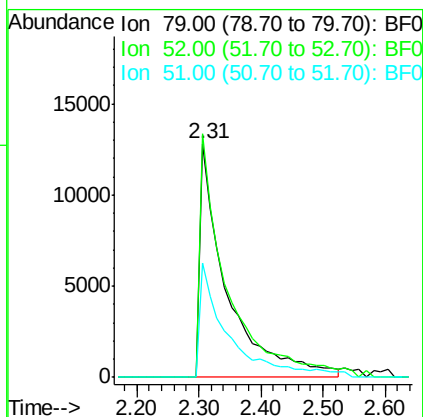
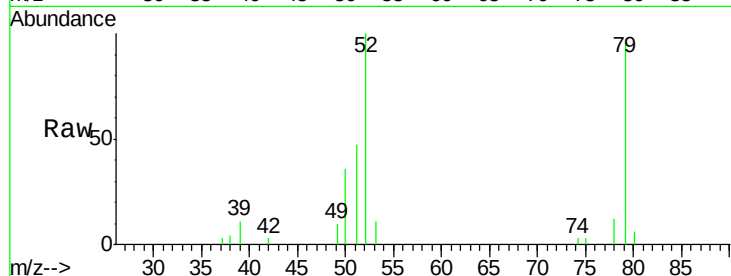
SSTDICC010

Tgt Ion: 79 Resp: 38810

Ion	Ratio	Lower	Upper
79	100		
52	104.2	76.8	115.2
51	49.2	32.2	48.4

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#4

n-Nitrosodimethylamine

Concen: 8.13 ng

RT: 2.24 min Scan# 57

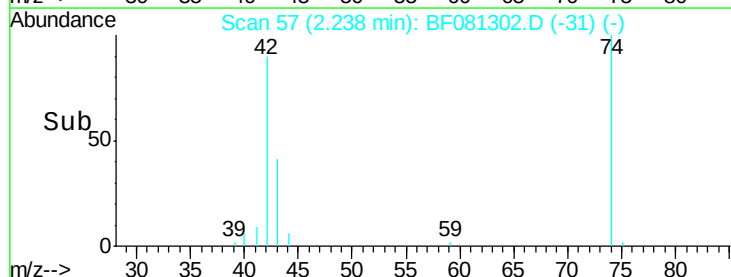
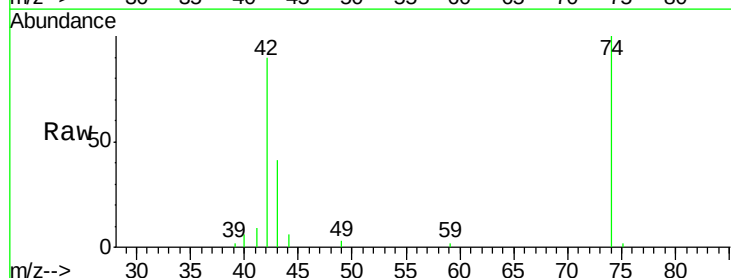
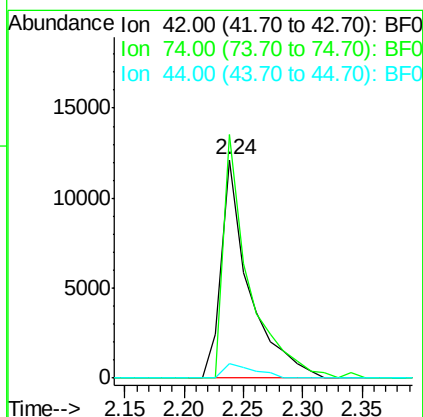
Delta R.T. 0.00 min

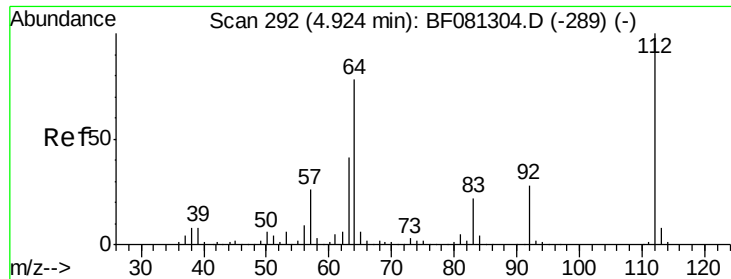
Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion: 42 Resp: 19776

Ion	Ratio	Lower	Upper
42	100		
74	111.4	105.0	157.6
44	6.7	6.6	10.0





#5

2-Fluorophenol

Concen: 9.51 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

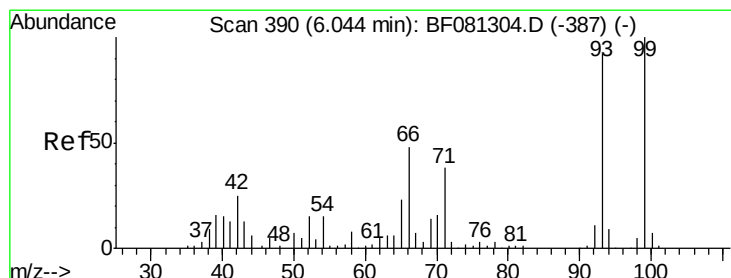
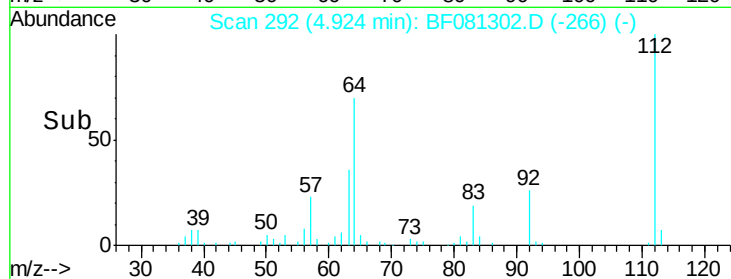
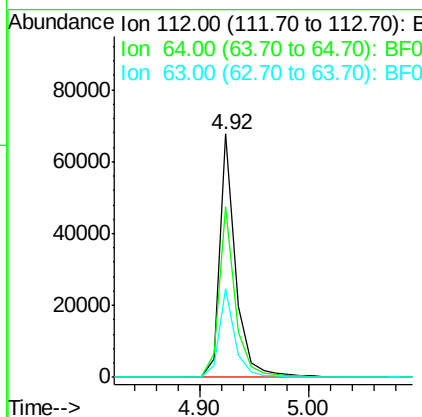
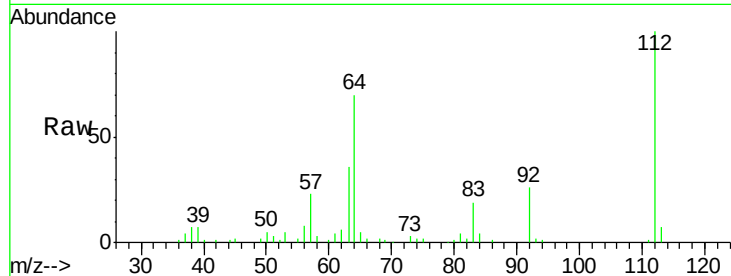
ClientSampleId :

SSTDIC010

Tgt Ion:	112	Resp:	69389
Ion Ratio	Lower	Upper	
112	100		
64	70.3	39.7	59.5#
63	36.2	17.4	26.0#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#6

Aniline

Concen: 9.49 ng

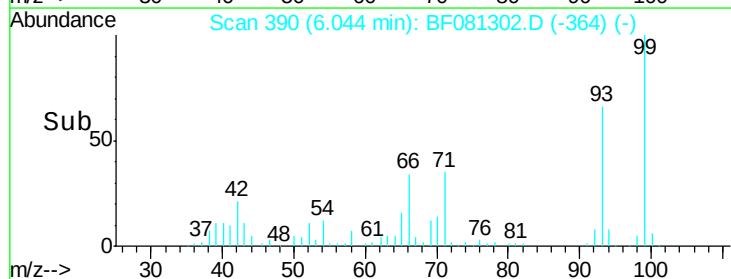
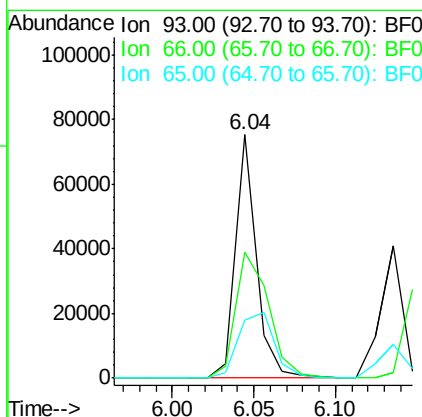
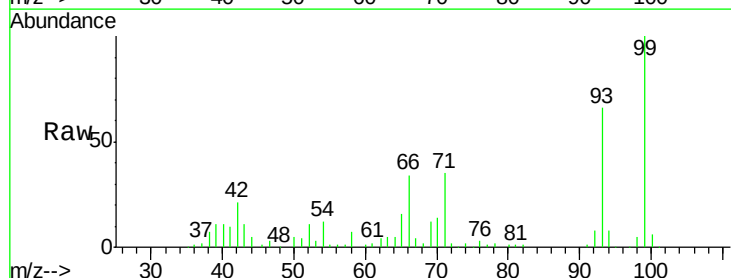
RT: 6.04 min Scan# 390

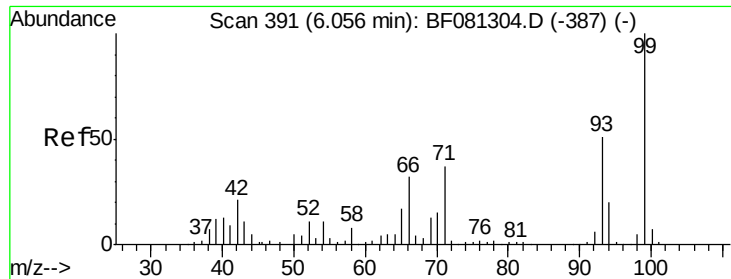
Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion:	93	Resp:	66249
Ion Ratio	Lower	Upper	
93	100		
66	51.6	27.2	40.8#
65	23.9	14.7	22.1#





#7

Phenol-d6

Concen: 9.67 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 99 Resp: 95717

Ion Ratio Lower Upper

99 100

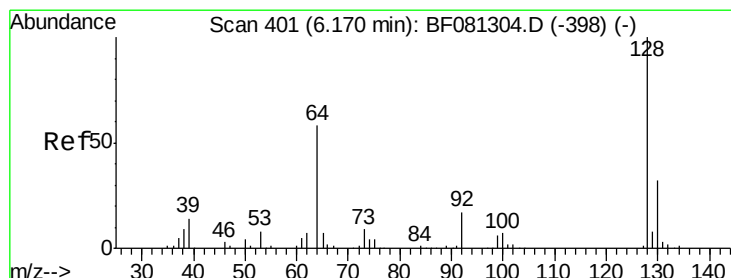
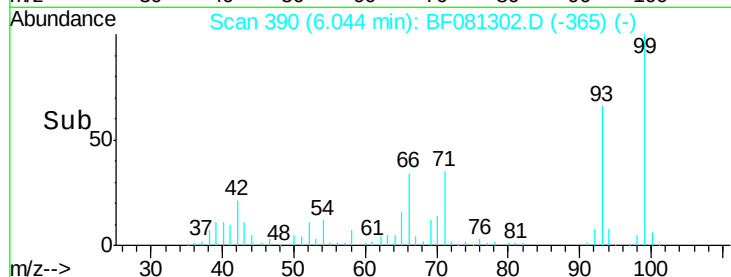
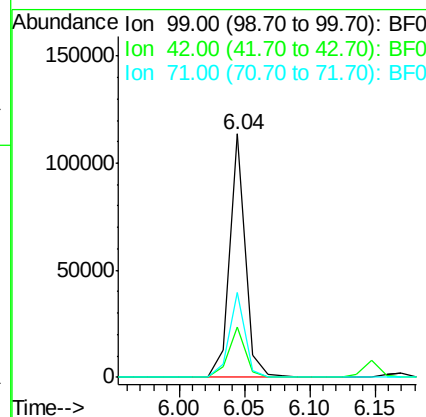
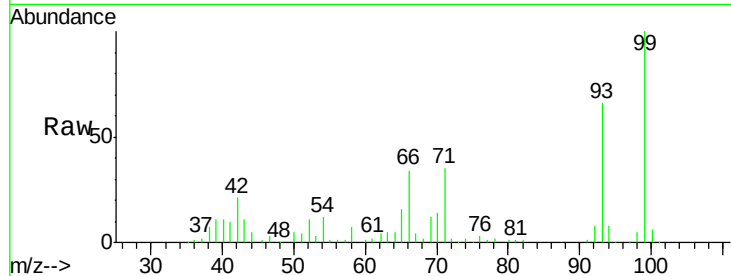
42 20.8 13.7 20.5#

71 34.7 14.2 21.2#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:09:52 PM



#8

2-Chlorophenol

Concen: 9.00 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

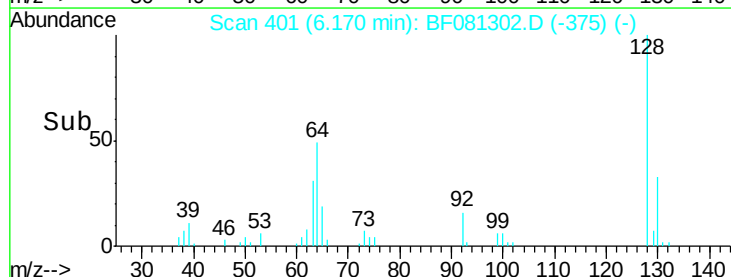
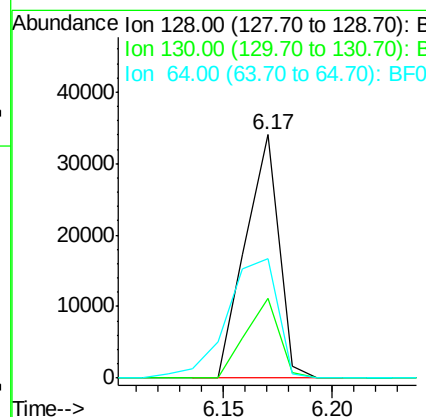
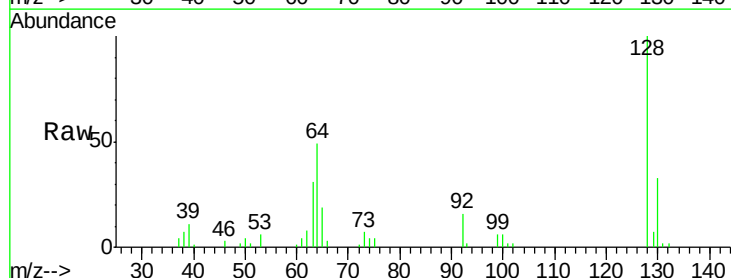
Tgt Ion: 128 Resp: 36290

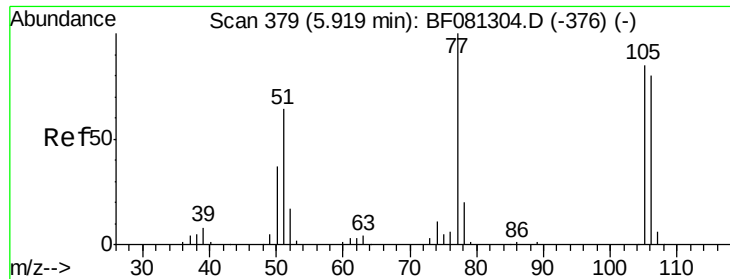
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 49.0 20.5 60.5





#9

Benzaldehyde

Concen: 9.50 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

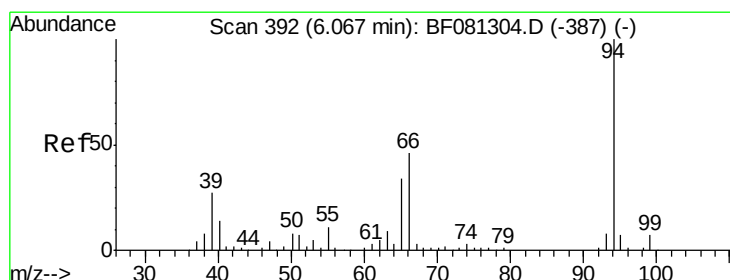
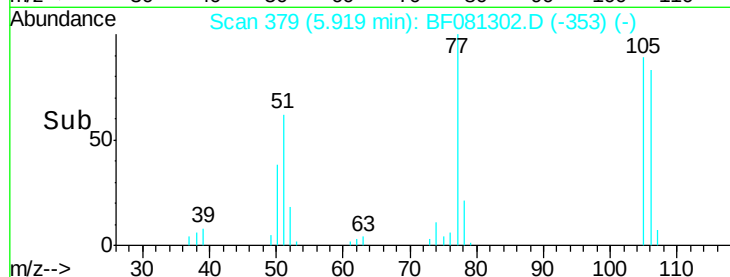
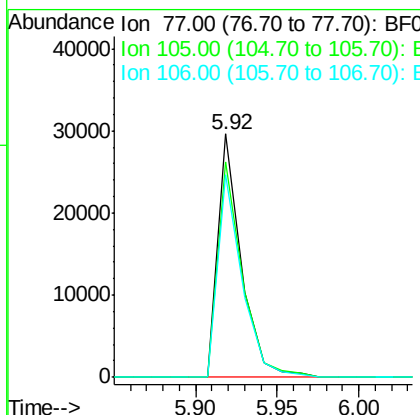
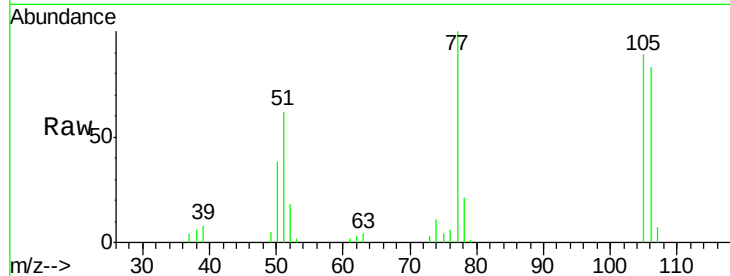
SSTDIC010

Tgt Ion: 77 Resp: 29444

Ion	Ratio	Lower	Upper
77	100		
105	88.6	91.6	131.6#
106	83.5	102.6	142.6#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#10

Phenol

Concen: 9.37 ng

RT: 6.06 min Scan# 391

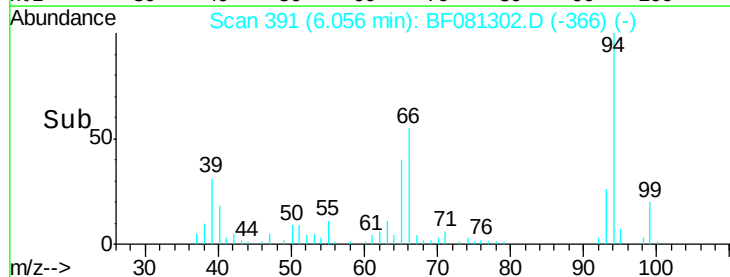
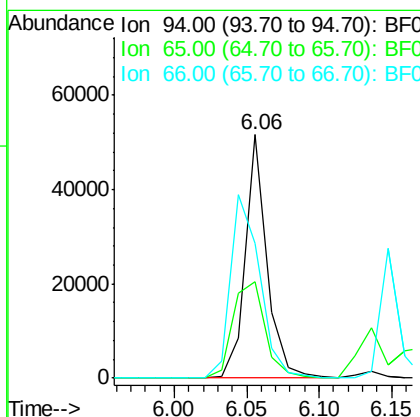
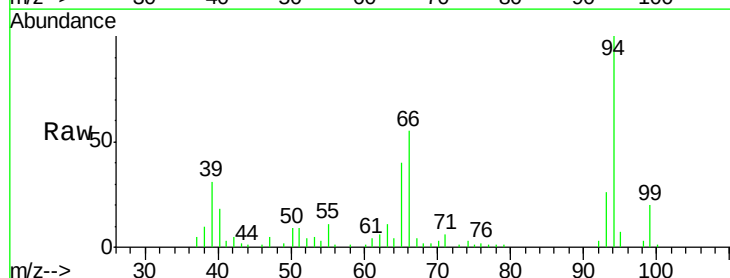
Delta R.T. -0.01 min

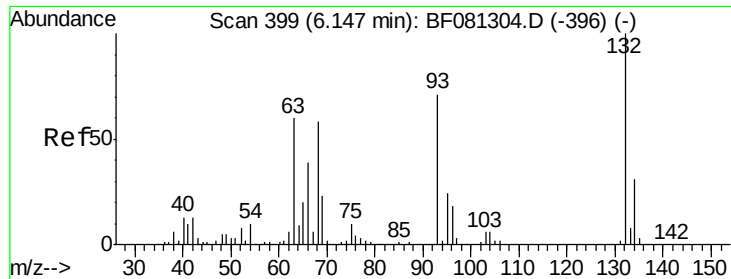
Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion: 94 Resp: 53686

Ion	Ratio	Lower	Upper
94	100		
65	39.6	0.7	40.7
66	55.4	0.8	40.8#





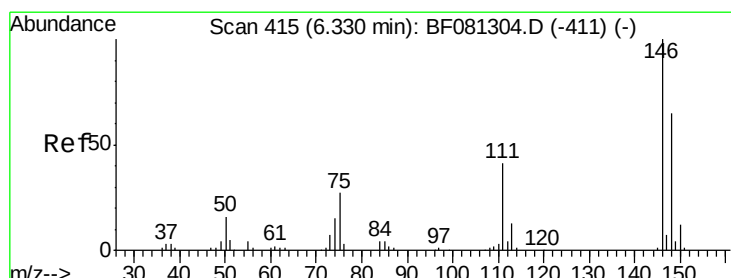
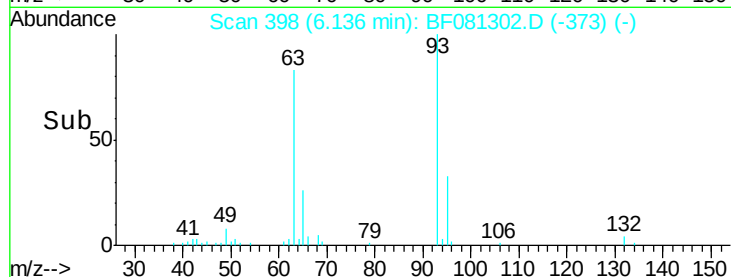
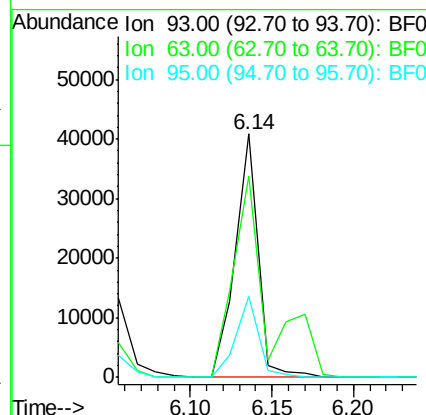
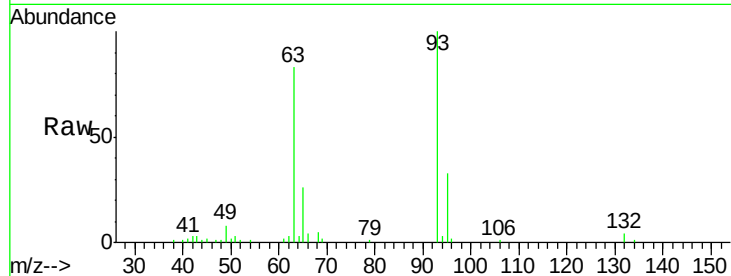
#11
 bis(2-Chloroethyl)ether
 Concen: 9.69 ng
 RT: 6.14 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	39355		
63	82.6	65.6	105.6	
95	33.1	13.6	53.6	

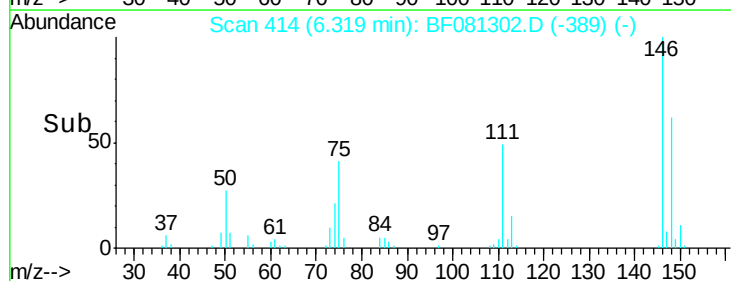
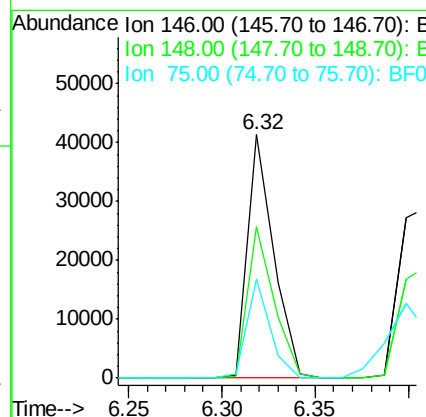
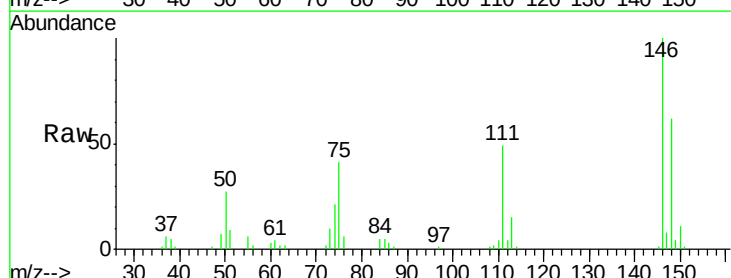
Manual Integrations
 APPROVED

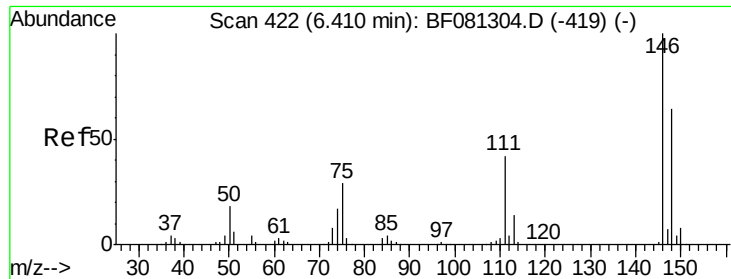
MMDadoda
 9/2/2015 2:09:52 PM



#12
 1,3-Dichlorobenzene
 Concen: 9.46 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	40403		
148	62.2	51.0	76.4	
75	40.9	15.0	22.6	





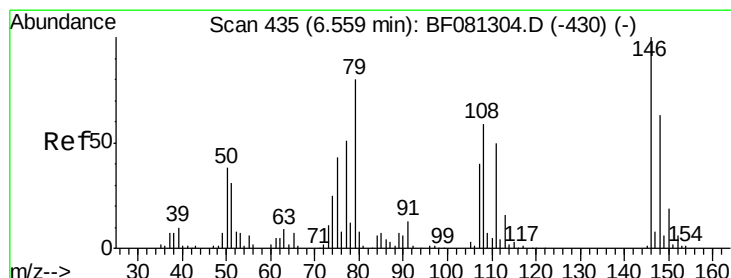
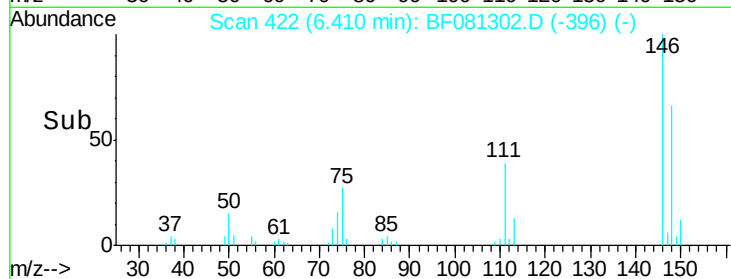
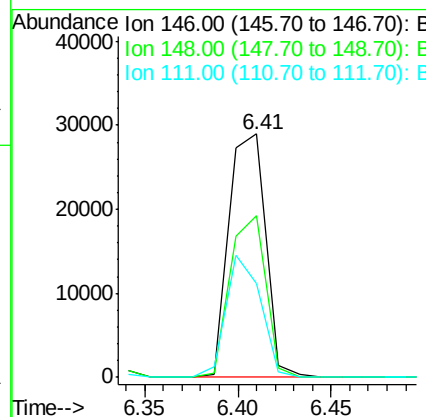
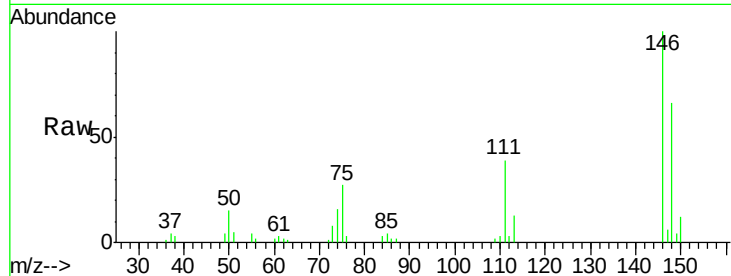
#13
 1,4-Dichlorobenzene
 Concen: 9.14 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.8	77.6
111	38.5	24.9	37.3

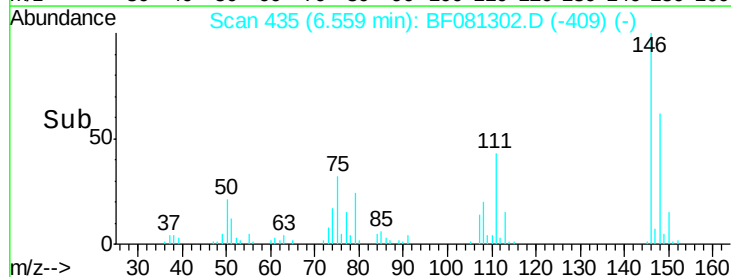
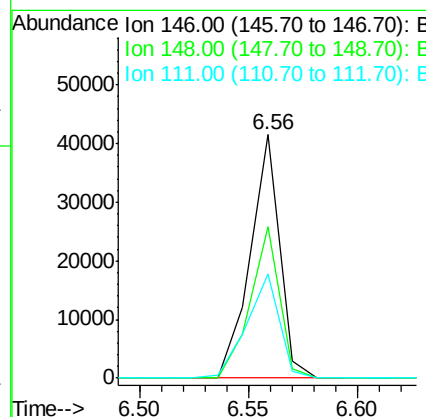
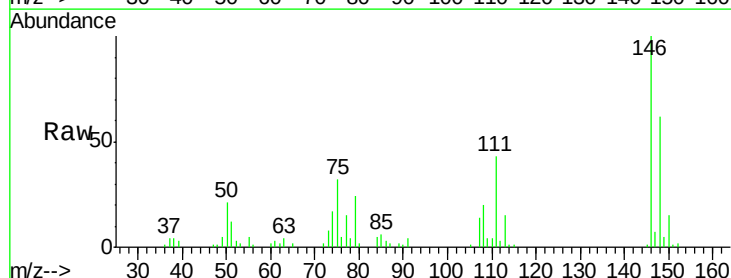
Manual Integrations
 APPROVED

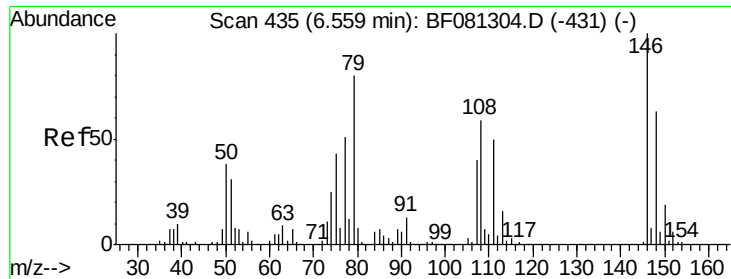
MMDadoda
 9/2/2015 2:09:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 9.40 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.7	79.1
111	42.9	28.8	43.2





#15

Benzyl Alcohol

Concen: 9.46 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampled :

SSTDICC010

Tgt Ion: 79 Resp: 37816
Ion Ratio Lower Upper

79 100

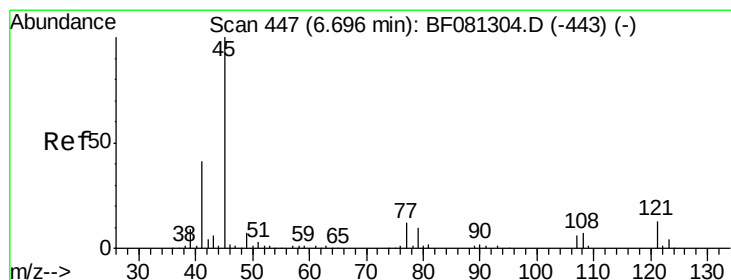
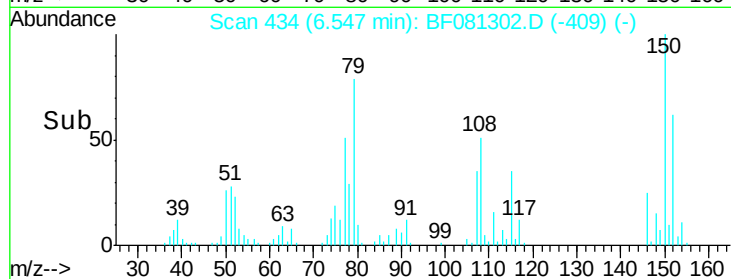
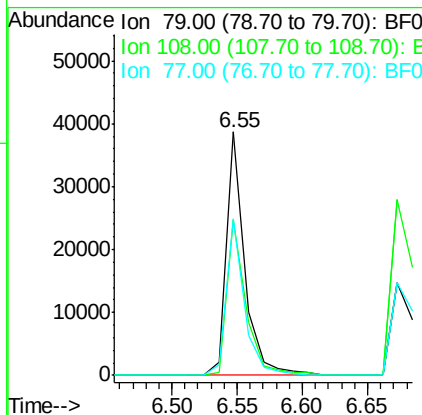
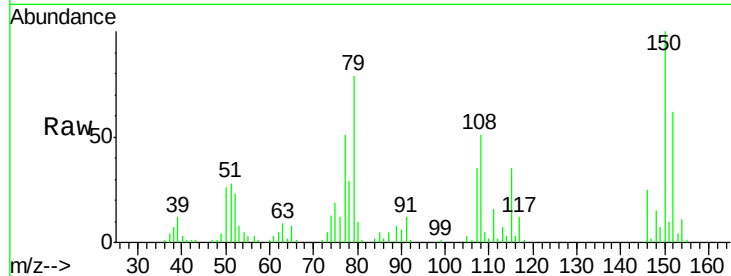
108 64.0 88.6 132.8#

77 64.5 47.0 70.4

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:09:52 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.68 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081302.D

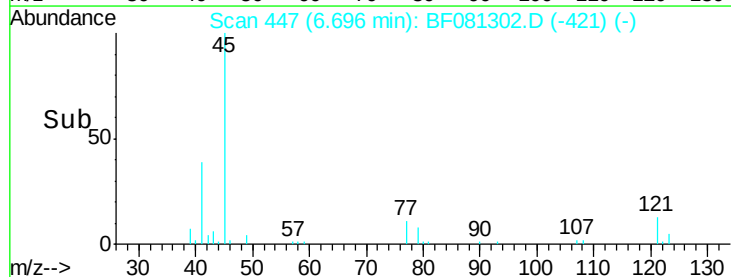
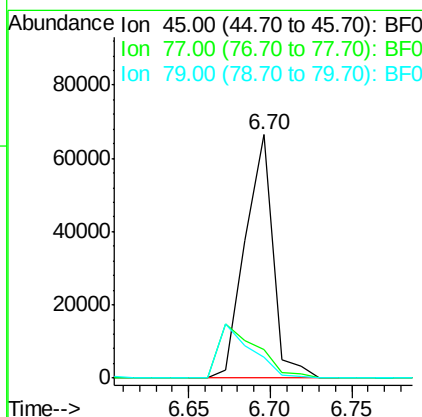
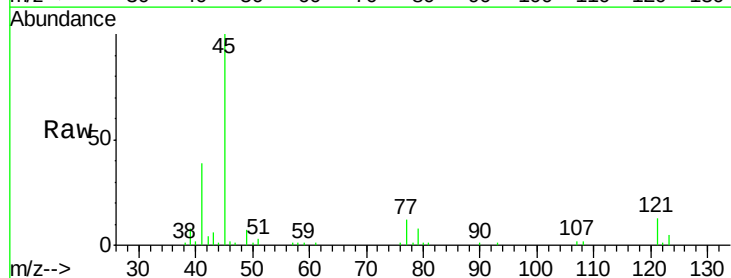
Acq: 1 Sep 2015 14:10

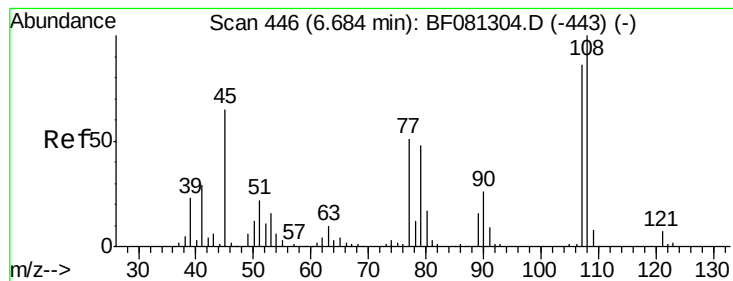
Tgt Ion: 45 Resp: 78564
Ion Ratio Lower Upper

45 100

77 11.8 0.0 28.1

79 8.4 0.0 26.0





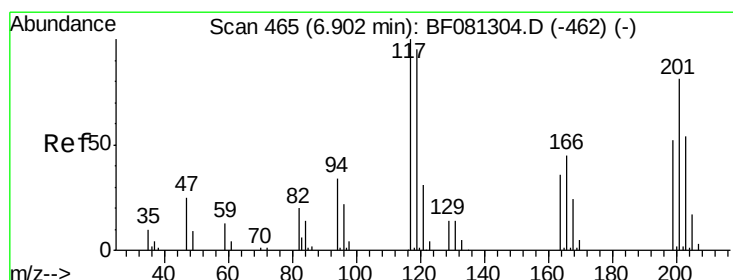
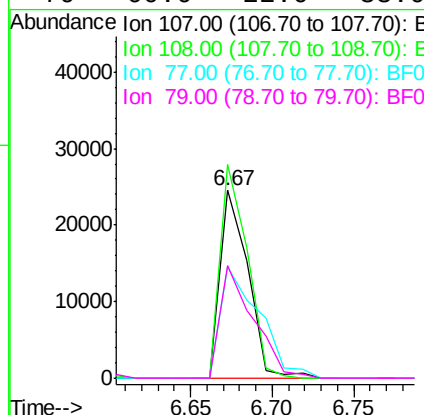
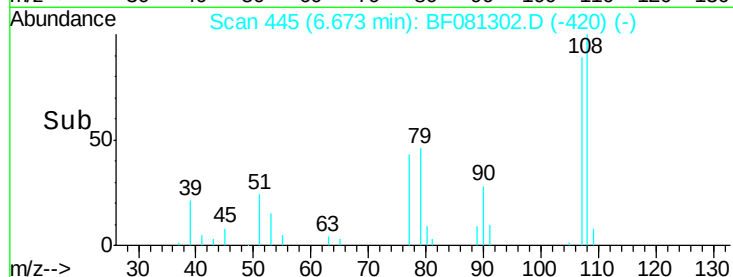
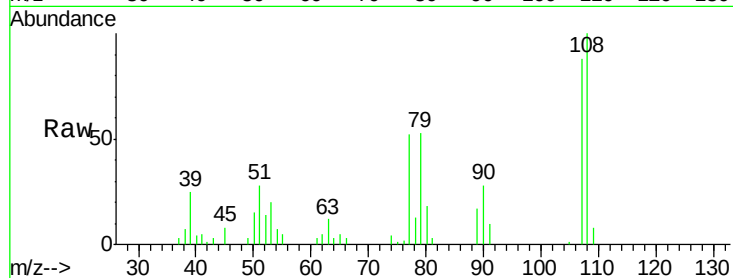
#17
2-Methylphenol
Concen: 9.01 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	28887		
108	113.8	96.6	145.0	
77	59.6	23.3	34.9	
79	60.0	22.0	33.0	

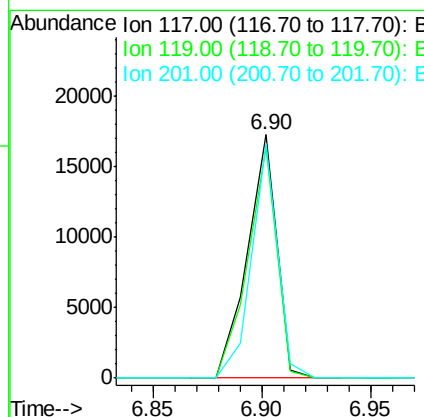
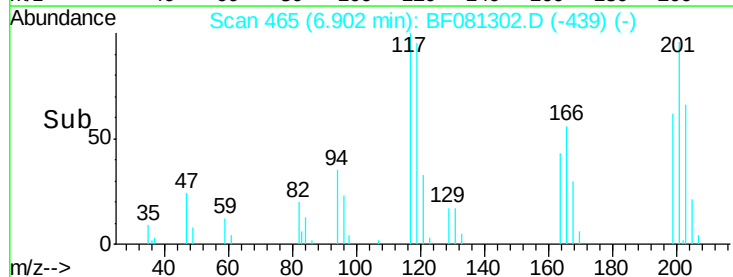
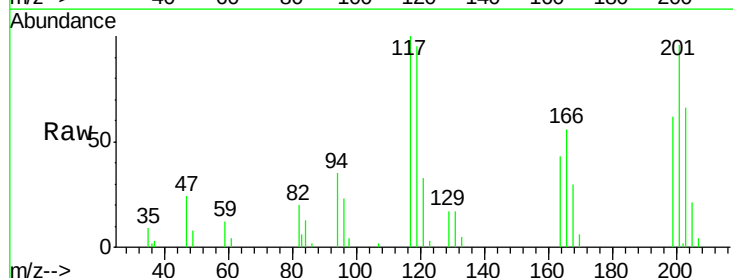
Manual Integrations
APPROVED

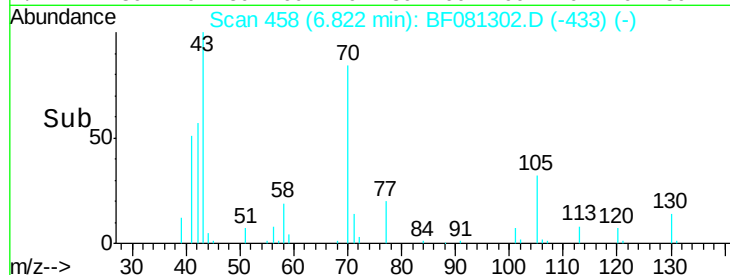
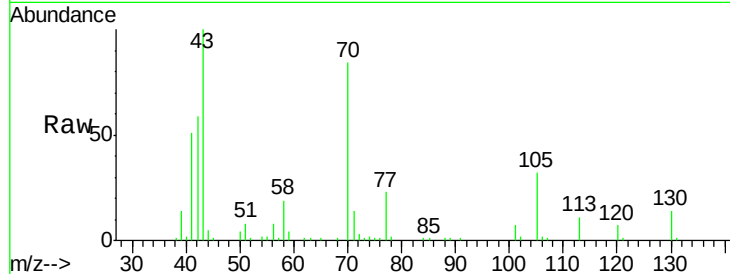
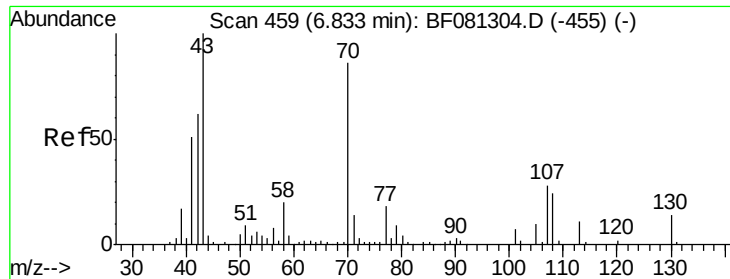
MMDadoda
9/2/2015 2:09:52 PM



#18
Hexachloroethane
Concen: 9.29 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	16131		
119	94.6	83.8	125.6	
201	96.4	55.1	82.7	





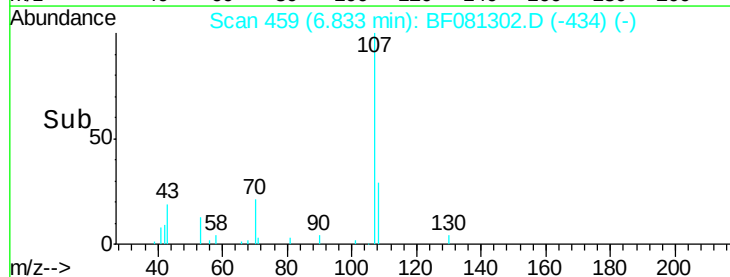
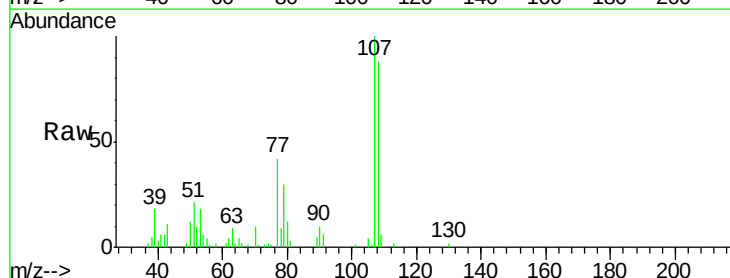
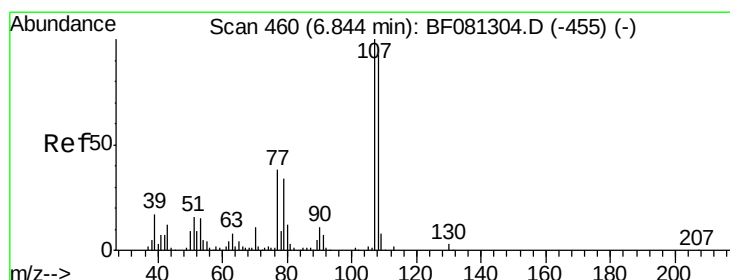
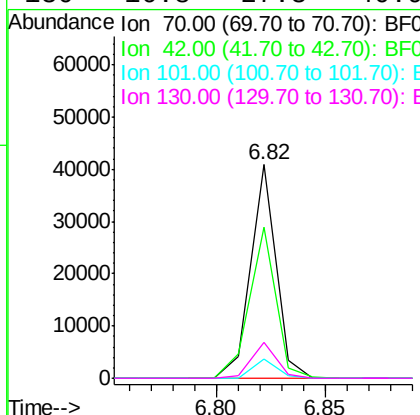
#19
n-Nitroso-di-n-propylamine
Concen: 10.07 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.5	63.8	95.6
101	8.9	9.2	13.8#
130	16.8	27.3	40.9#

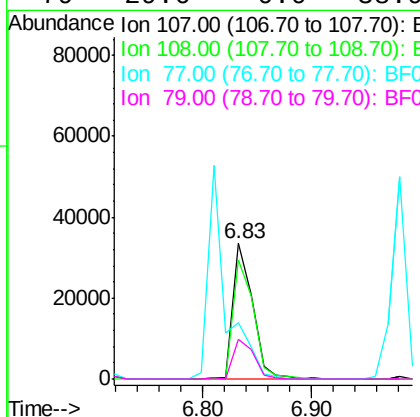
Manual Integrations
APPROVED

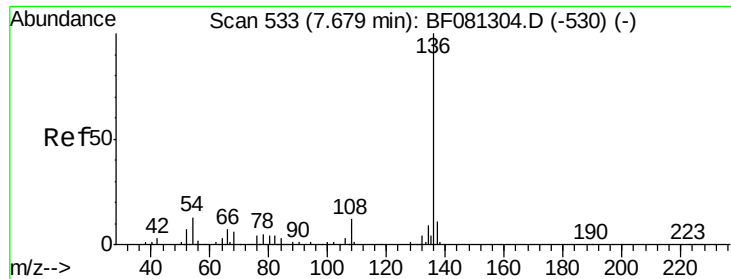
MMDadoda
9/2/2015 2:09:52 PM



#20
3+4-Methylphenols
Concen: 9.34 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	74.6	114.6
77	41.5	0.7	40.7#
79	29.6	0.0	38.9





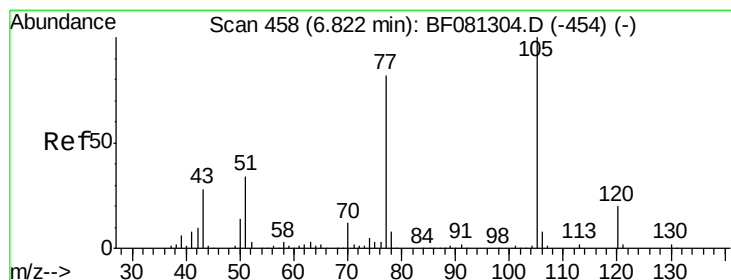
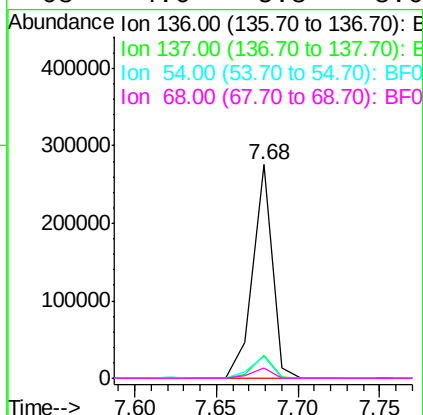
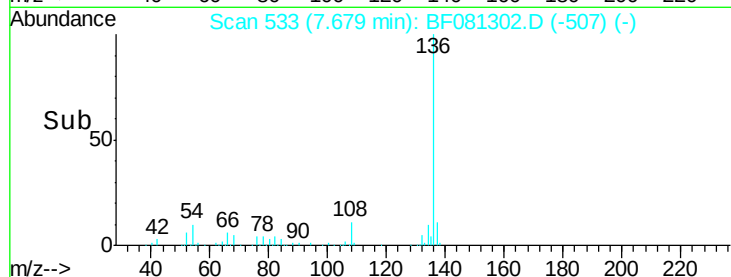
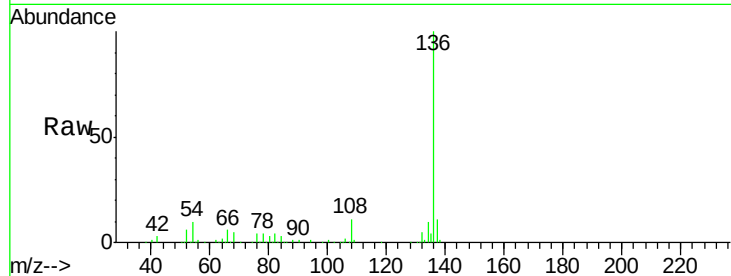
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	231372		
137	10.6	9.0	13.6	
54	10.5	8.2	12.2	
68	4.6	5.8	8.6#	

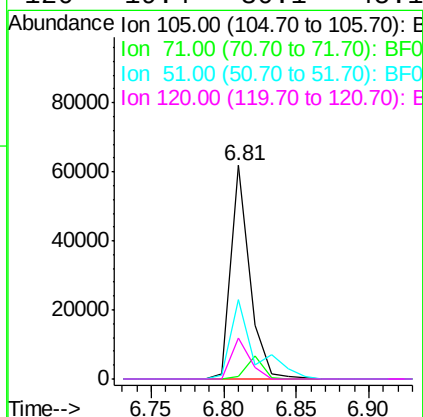
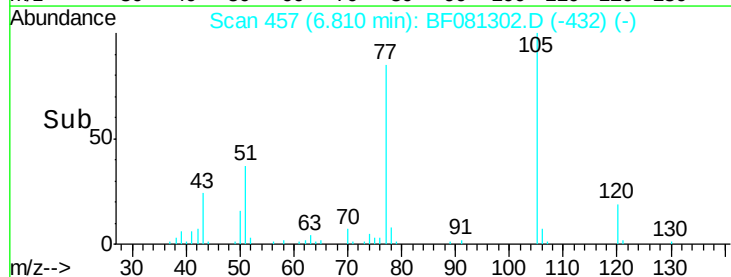
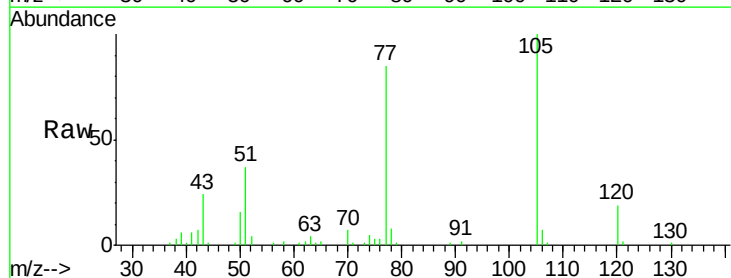
Manual Integrations
APPROVED

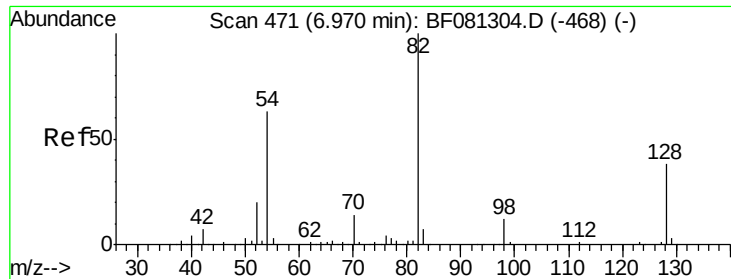
MMDadoda
9/2/2015 2:09:52 PM



#22
Acetophenone
Concen: 8.84 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	55712		
71	1.3	4.7	7.1#	
51	37.3	22.0	33.0#	
120	19.4	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 8.93 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

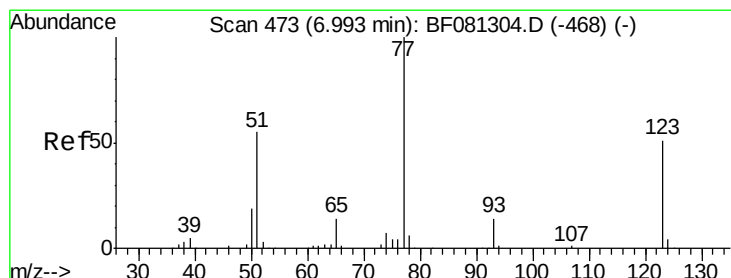
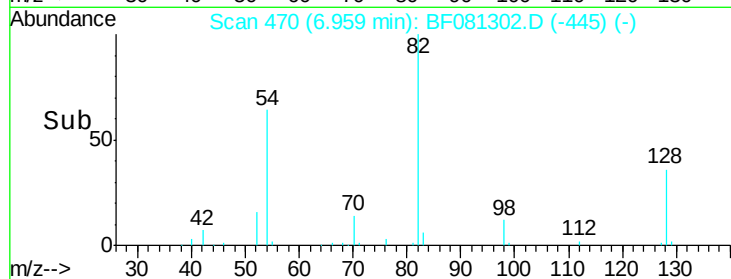
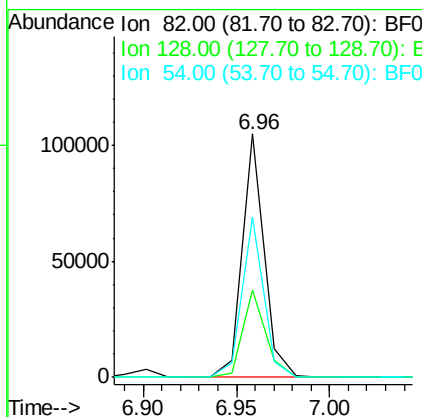
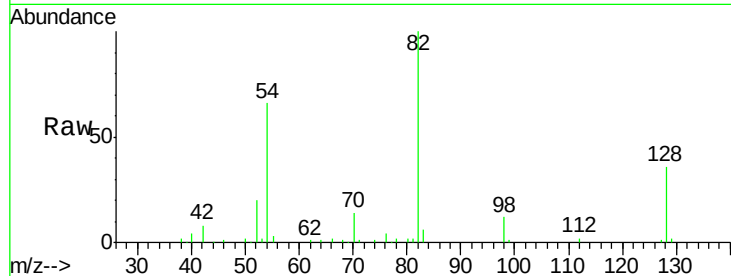
ClientSampleId :

SSTDICC010

Tgt Ion:	82	Resp:	85886
Ion Ratio	Lower	Upper	
82	100		
128	35.9	51.0	76.6#
54	65.9	47.5	71.3

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#24

Nitrobenzene

Concen: 9.28 ng

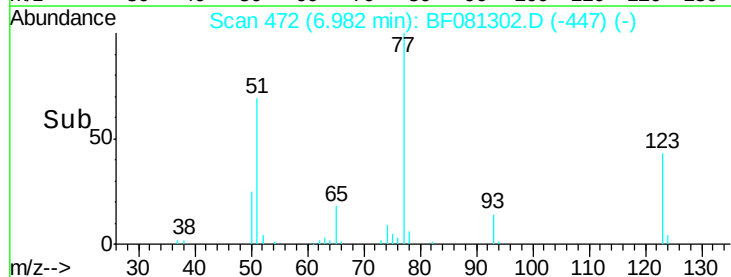
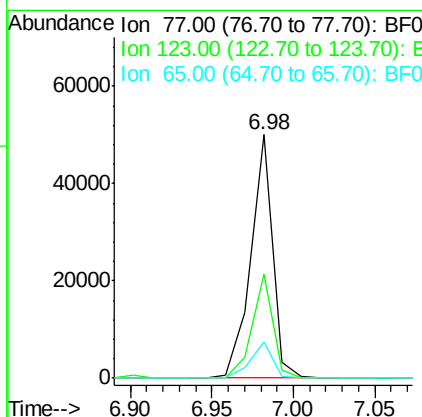
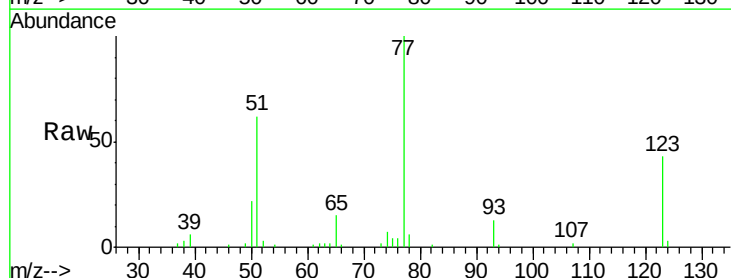
RT: 6.98 min Scan# 472

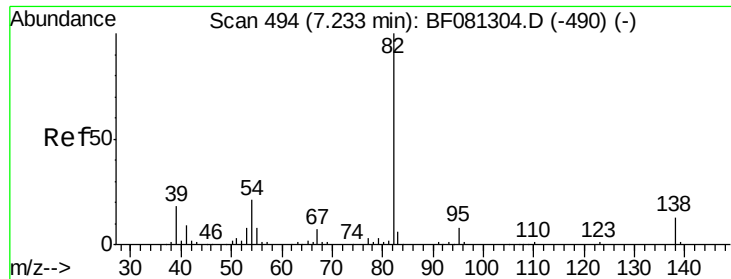
Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion:	77	Resp:	46519
Ion Ratio	Lower	Upper	
77	100		
123	42.6	59.8	89.8#
65	14.8	10.2	15.4





#25

Isophorone

Concen: 8.71 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 82 Resp: 76308

Ion Ratio Lower Upper

82 100

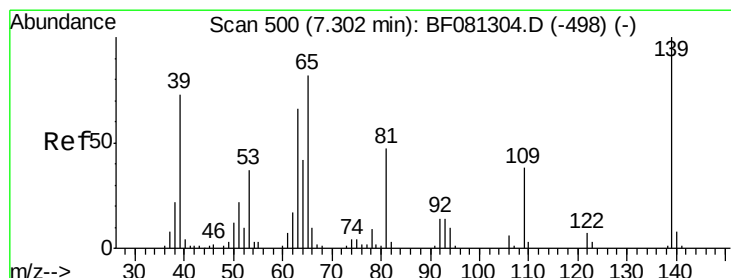
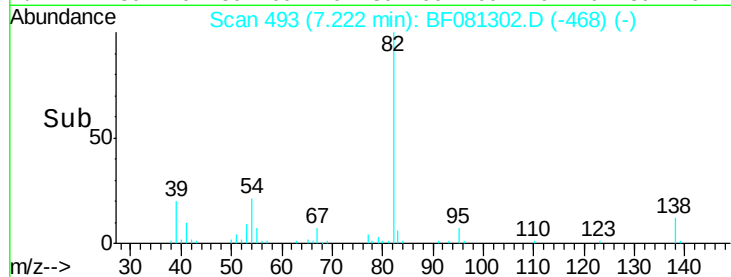
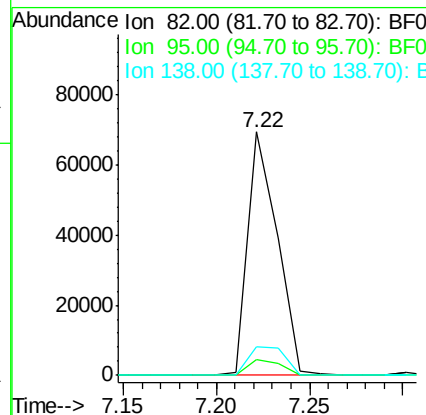
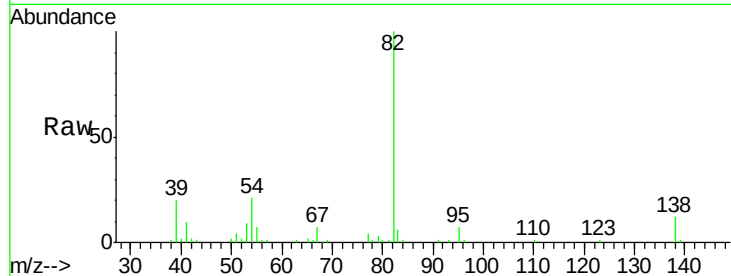
95 6.6 4.0 6.0#

138 11.8 18.3 27.5#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:09:52 PM



#26

2-Nitrophenol

Concen: 9.13 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

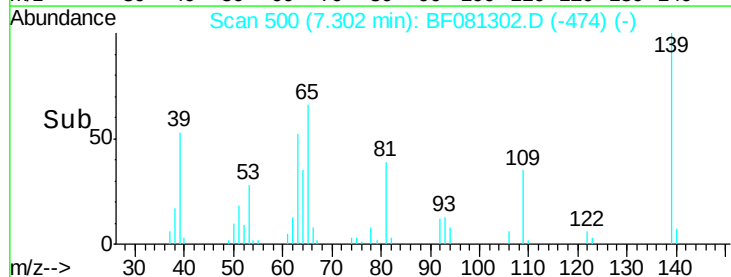
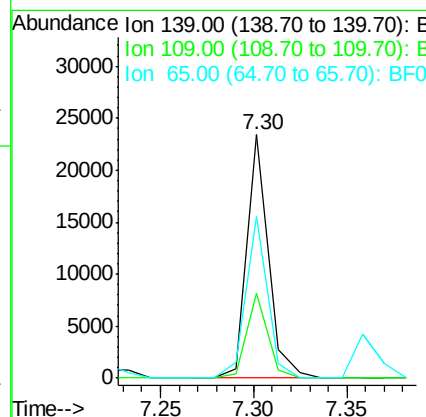
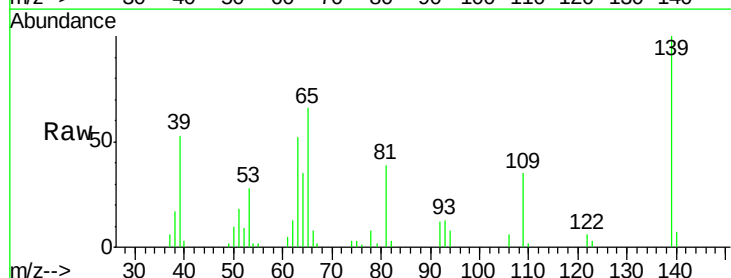
Tgt Ion: 139 Resp: 18979

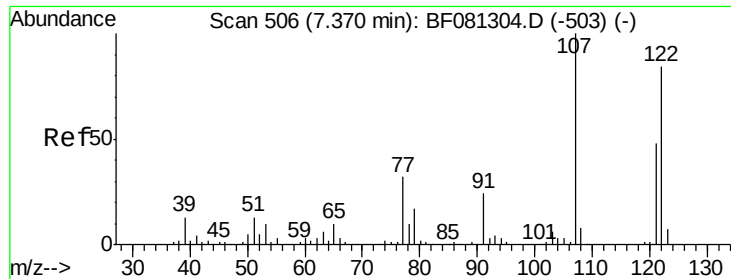
Ion Ratio Lower Upper

139 100

109 34.8 11.0 16.4#

65 66.2 24.7 37.1#





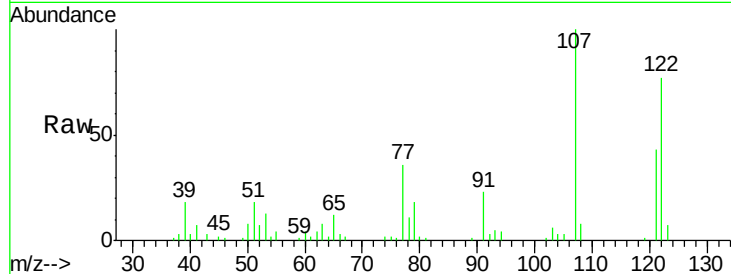
#27
 2,4-Dimethylphenol
 Concen: 8.50 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

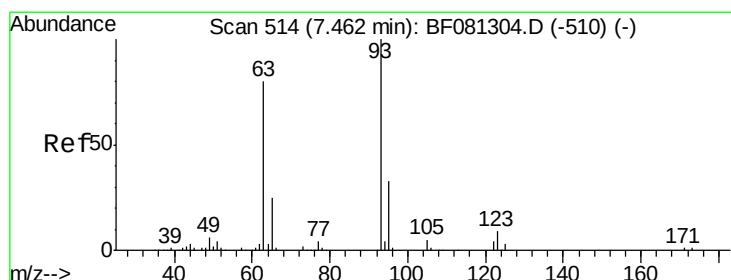
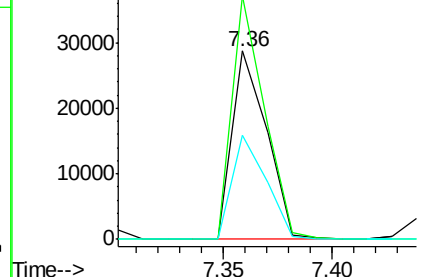
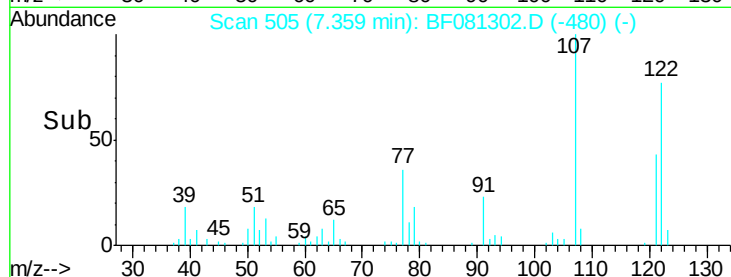
Tgt Ion: 122 Resp: 31460
 Ion Ratio Lower Upper
 122 100
 107 129.2 71.8 107.6#
 121 55.4 42.3 63.5

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

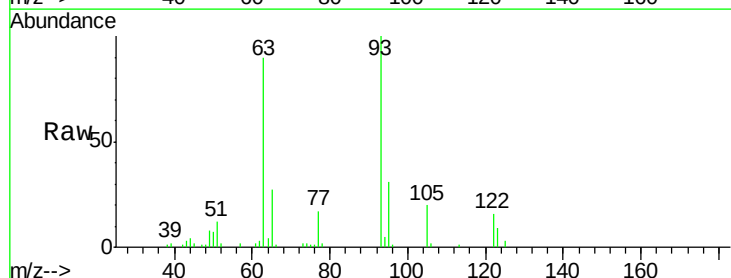


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

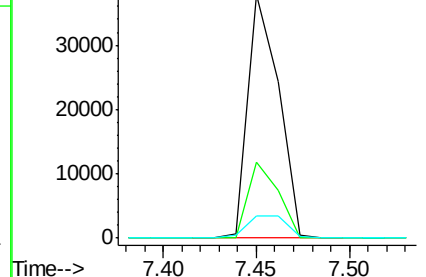
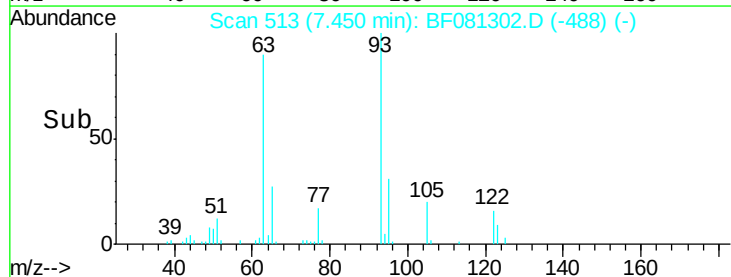


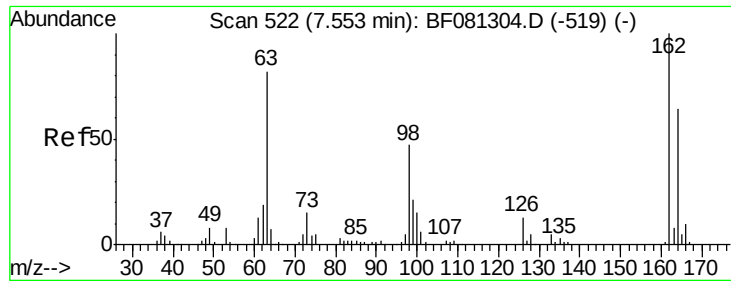
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.39 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion: 93 Resp: 43389
 Ion Ratio Lower Upper
 93 100
 95 31.3 27.5 41.3
 123 9.3 13.7 20.5#



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





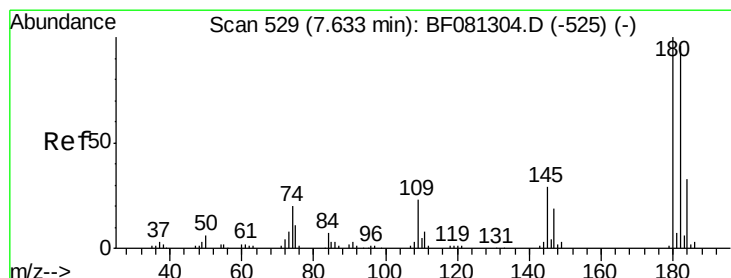
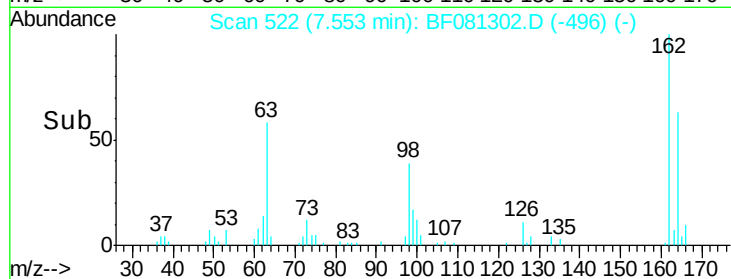
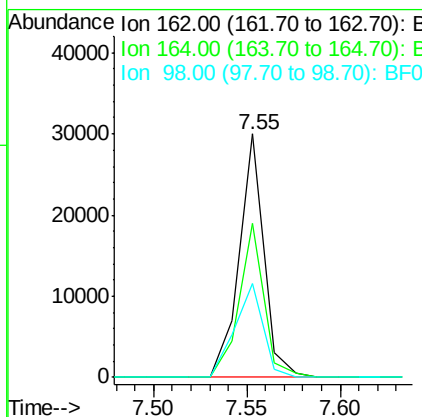
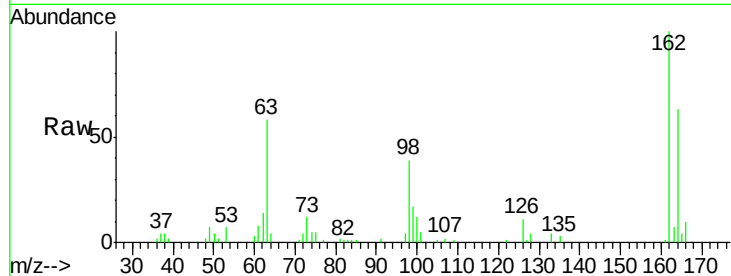
#29
 2,4-Dichlorophenol
 Concen: 8.54 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:	162	Resp:	27782
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.9	84.9
98	38.8	13.0	53.0

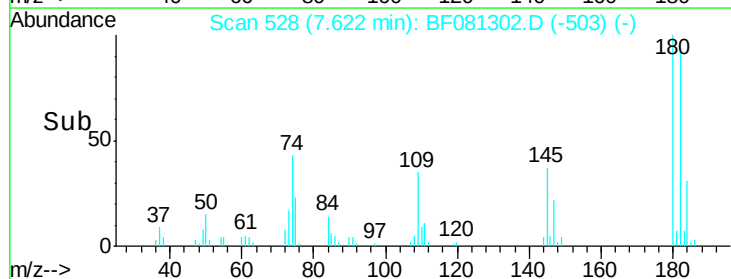
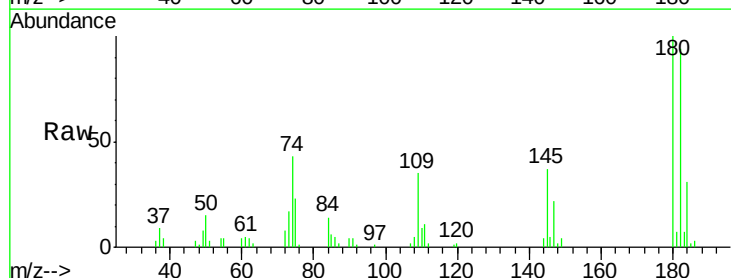
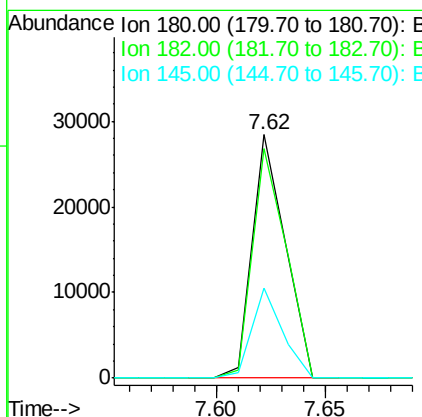
Manual Integrations
 APPROVED

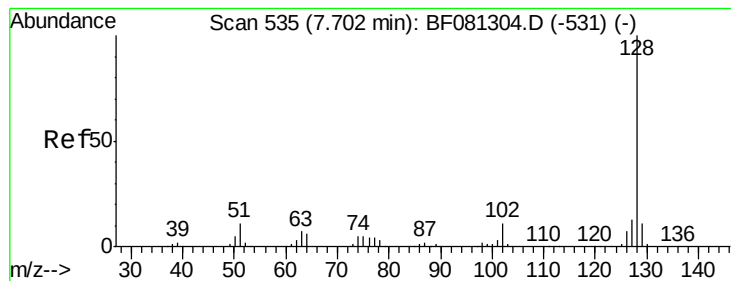
MMDadoda
 9/2/2015 2:09:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 8.74 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion:	180	Resp:	30085
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.1	115.7
145	37.1	23.3	34.9#





#31

Naphthalene

Concen: 9.03 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

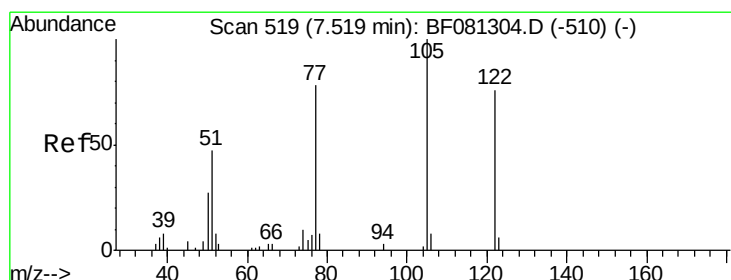
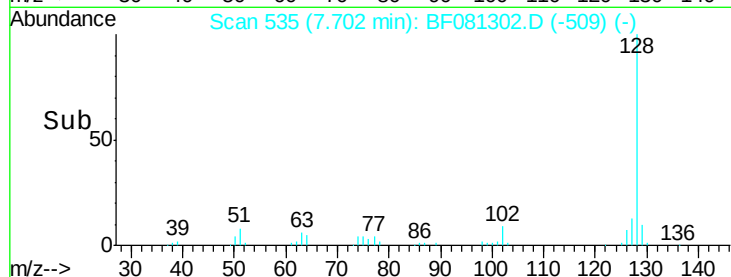
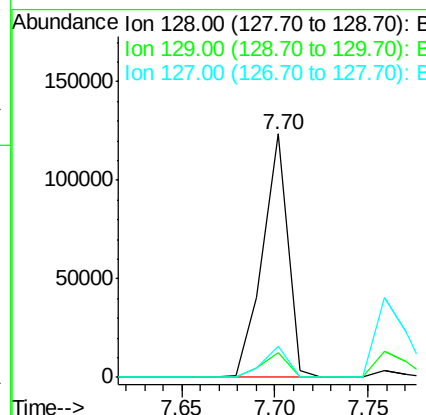
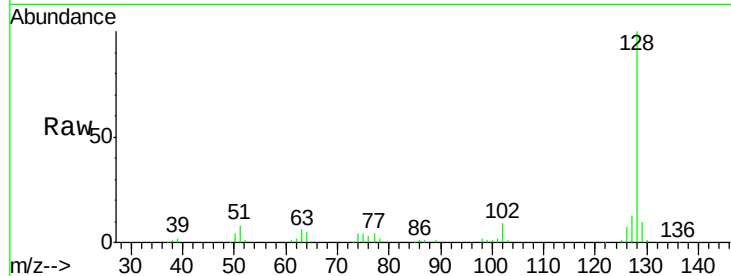
ClientSampleId :

SSTDICC010

Tgt Ion:	128	Resp:	115433
Ion Ratio		Lower	Upper
128	100		
129	10.1	8.4	12.6
127	12.9	9.9	14.9

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#32

Benzoic acid

Concen: 7.84 ng

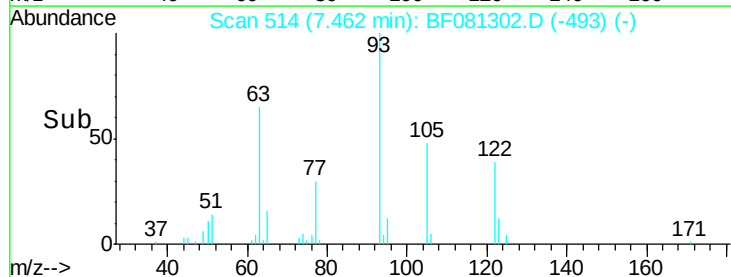
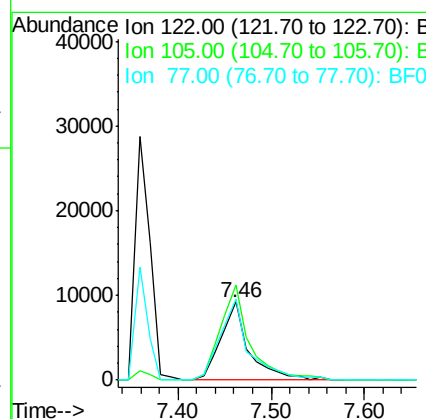
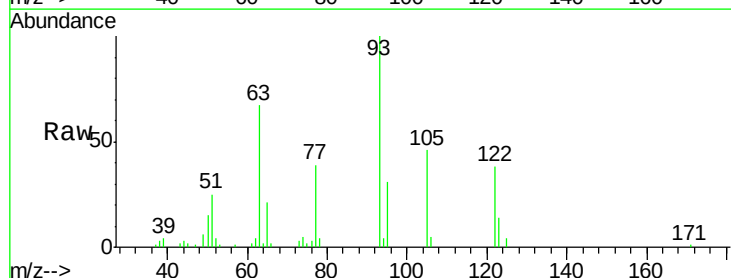
RT: 7.46 min Scan# 514

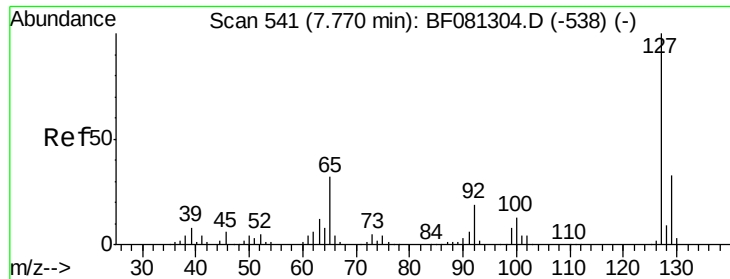
Delta R.T. -0.06 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion:	122	Resp:	19354
Ion Ratio		Lower	Upper
122	100		
105	121.9	76.1	116.1#
77	103.7	40.5	80.5#





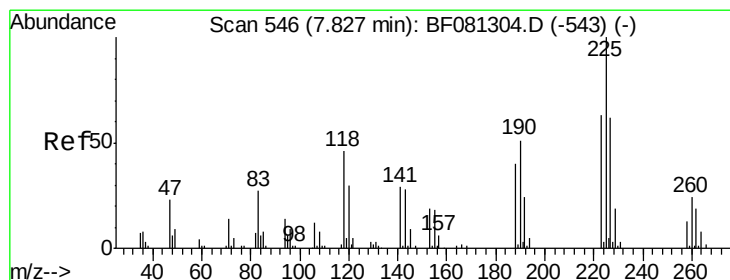
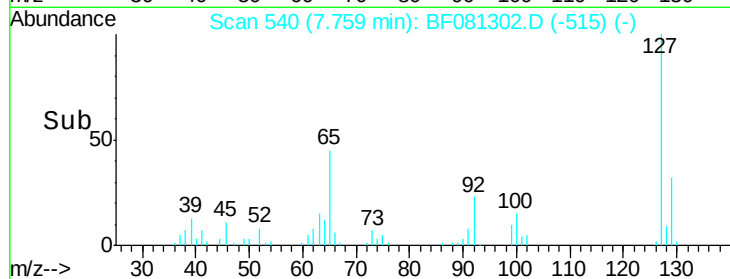
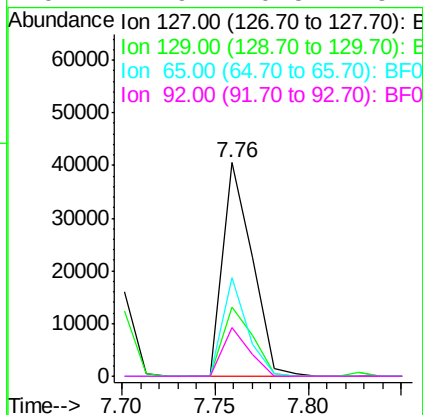
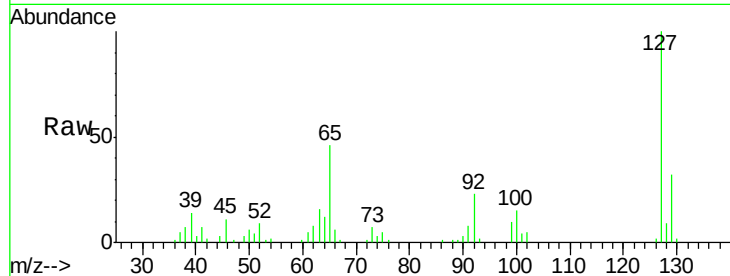
#33
 4-Chloroaniline
 Concen: 8.70 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:	127	Resp:	44650
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.6
65	45.9	17.9	26.9#
92	22.9	10.5	15.7#

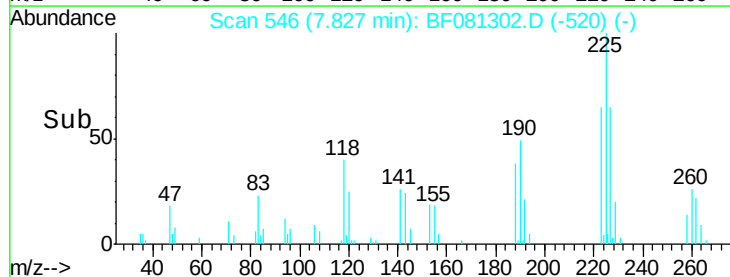
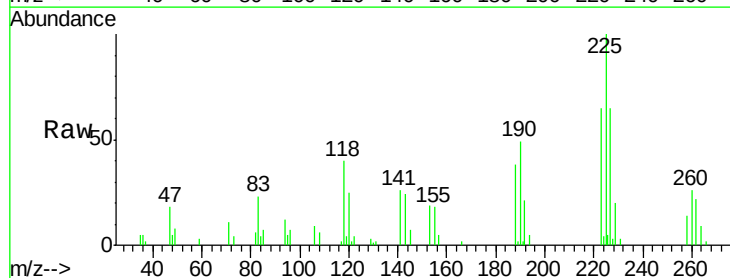
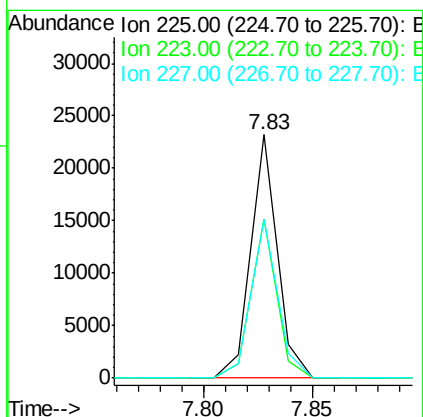
Manual Integrations
 APPROVED

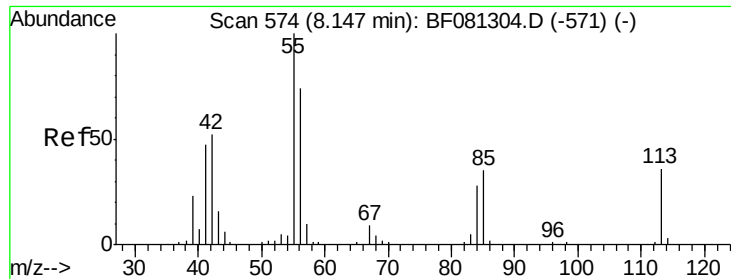
MMDadoda
 9/2/2015 2:09:52 PM



#34
 Hexachlorobutadiene
 Concen: 9.02 ng
 RT: 7.83 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion:	225	Resp:	19673
Ion Ratio	Lower	Upper	
225	100		
223	65.2	50.2	75.2
227	65.4	52.2	78.2





#35

Caprolactam

Concen: 8.74 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.05 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

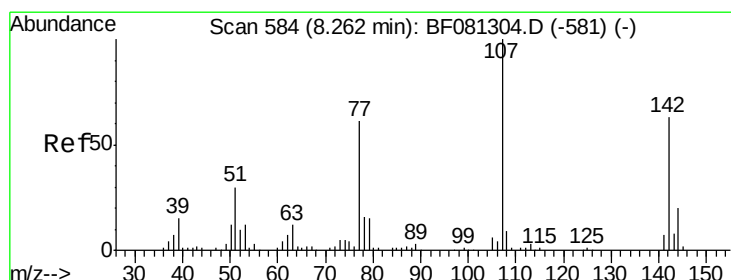
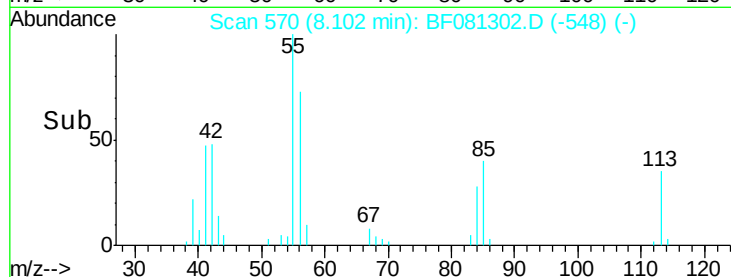
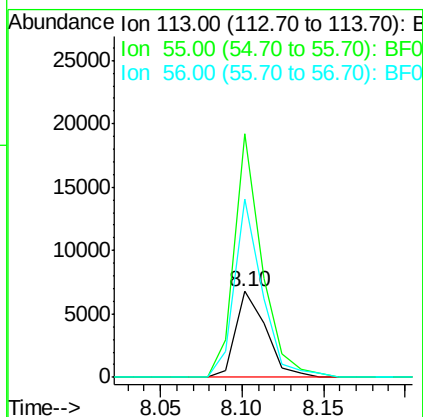
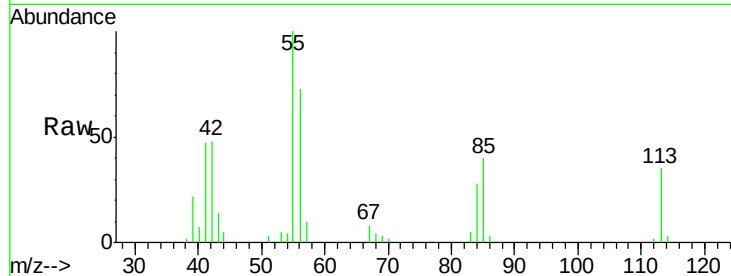
ClientSampled :

SSTDIC010

Tgt Ion:	113	Resp:	8654
Ion Ratio	Lower	Upper	
113	100		
55	284.3	152.4	192.4#
56	207.8	104.6	144.6#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#36

4-Chloro-3-methylphenol

Concen: 8.83 ng

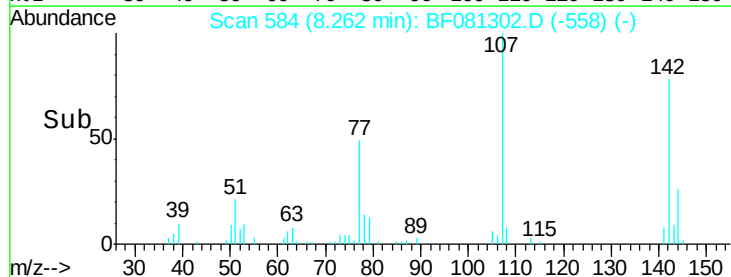
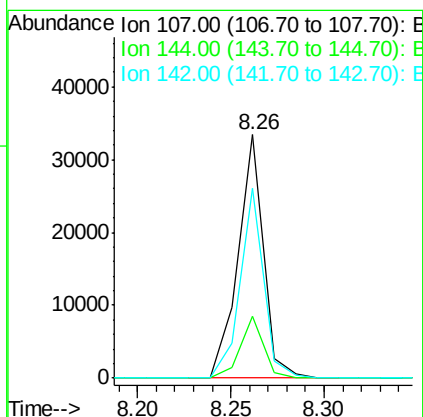
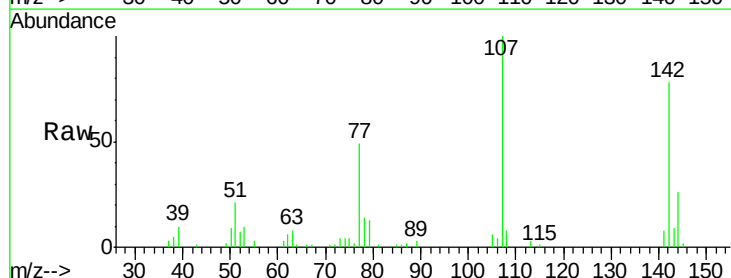
RT: 8.26 min Scan# 584

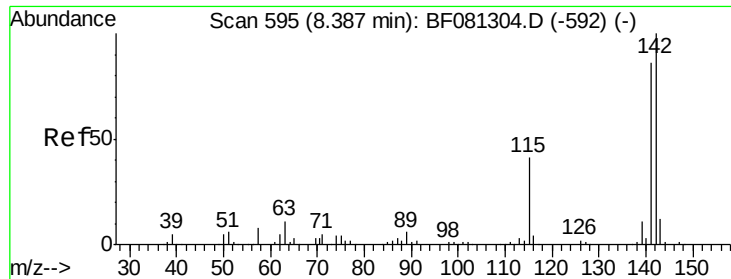
Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion:	107	Resp:	31923
Ion Ratio	Lower	Upper	
107	100		
144	25.6	25.4	38.0
142	78.0	77.3	115.9





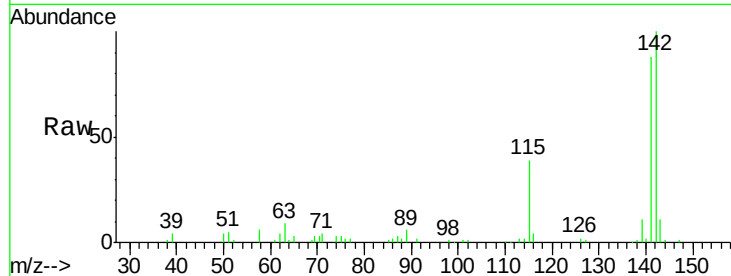
#37
 2-Methylnaphthalene
 Concen: 9.37 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.5	101.3
115	38.7	18.2	27.2

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

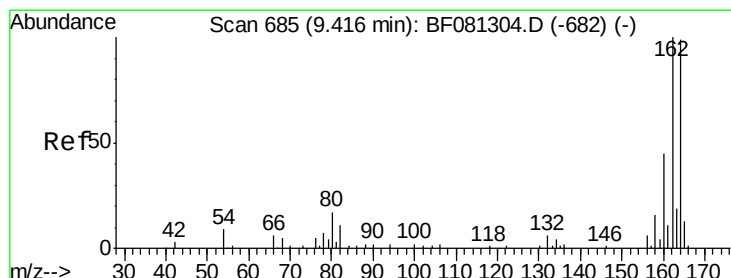
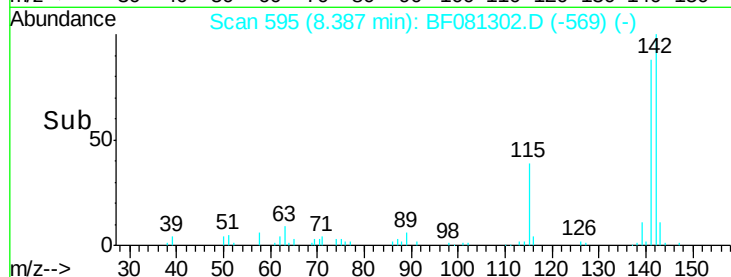
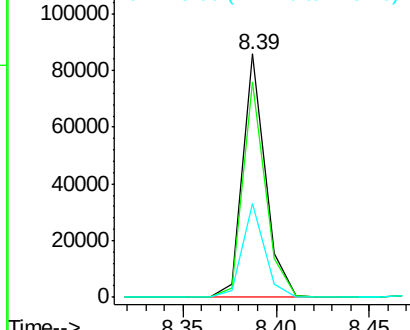


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

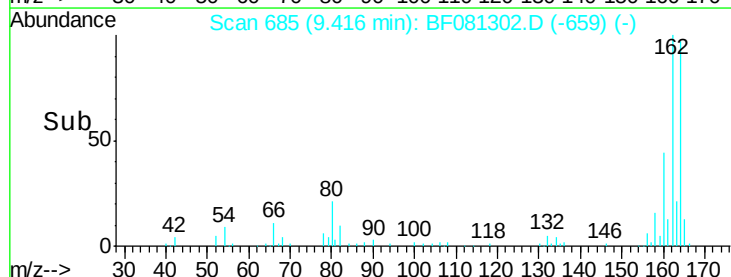
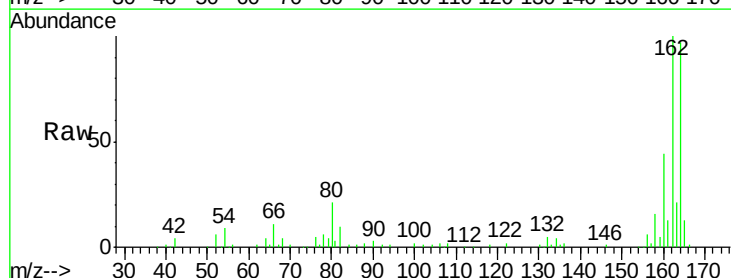
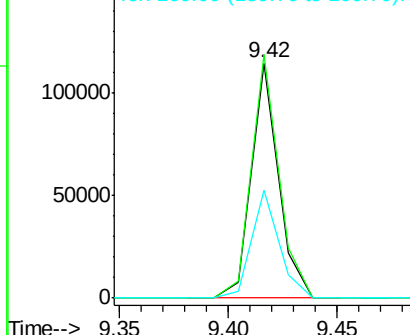
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	75.2	112.8
160	45.7	31.5	47.3

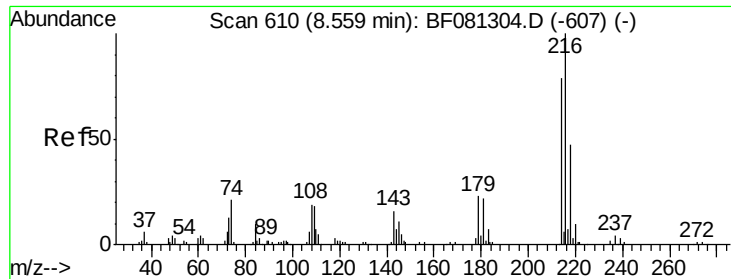
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.36 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

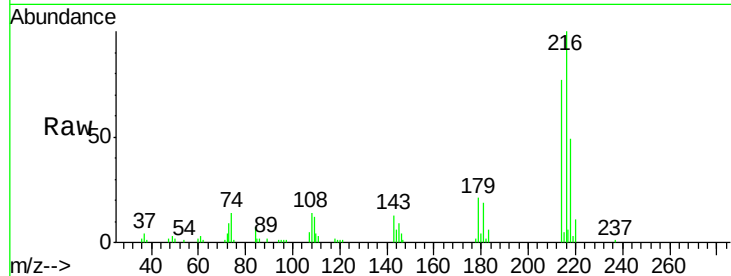
ClientSampleId :

SSTDICC010

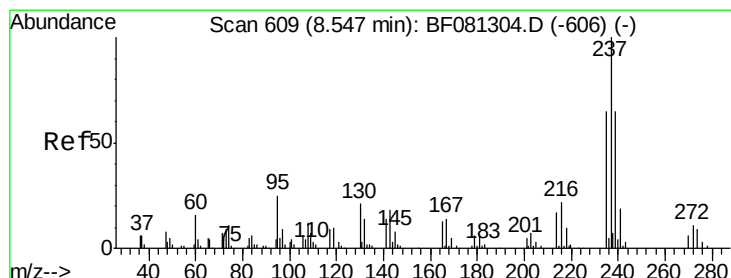
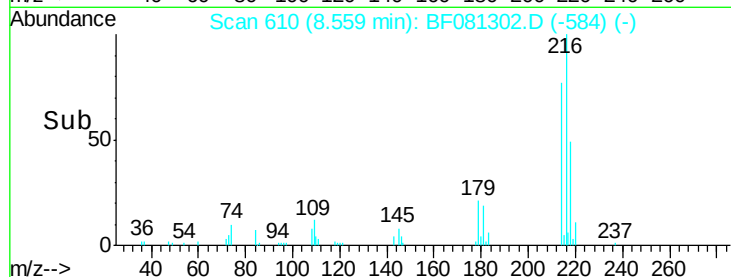
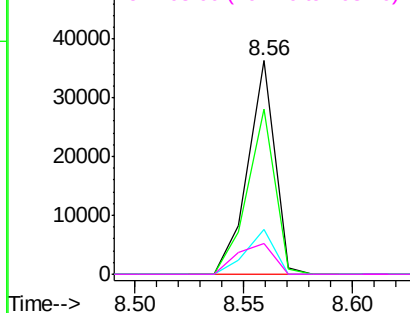
Tgt Ion:	216	Resp:	31322
Ion Ratio		Lower	Upper
216	100		
214	78.7	63.5	95.3
179	21.6	16.6	24.8
108	19.8	16.3	24.5

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 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: 7.86 ng

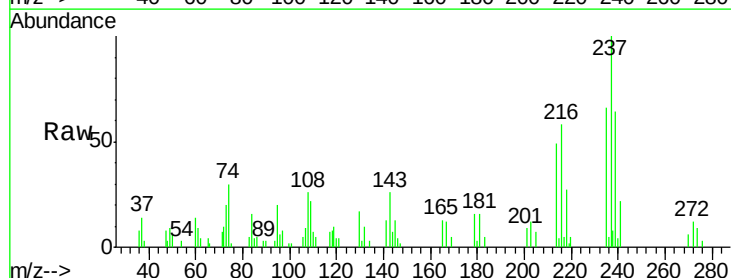
RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

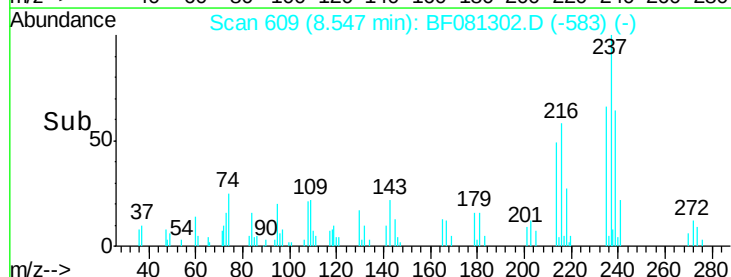
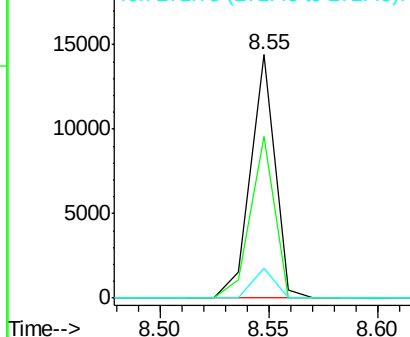
Lab File: BF081302.D

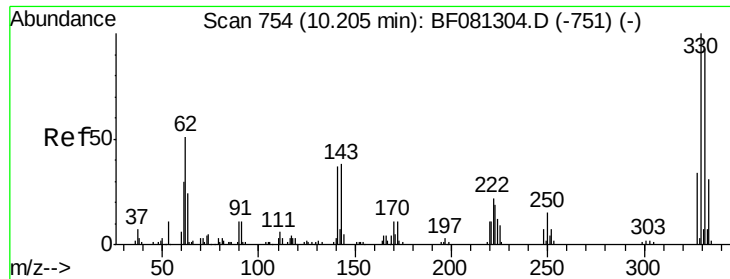
Acq: 1 Sep 2015 14:10

Tgt Ion:	237	Resp:	11259
Ion Ratio		Lower	Upper
237	100		
235	66.2	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





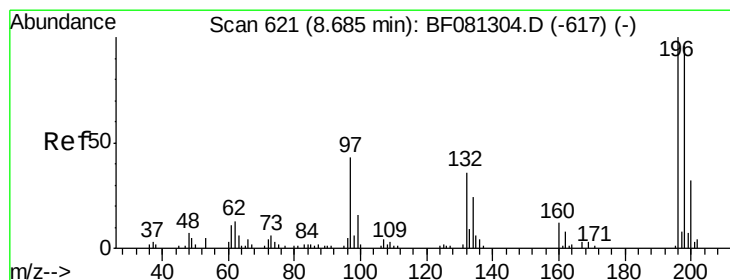
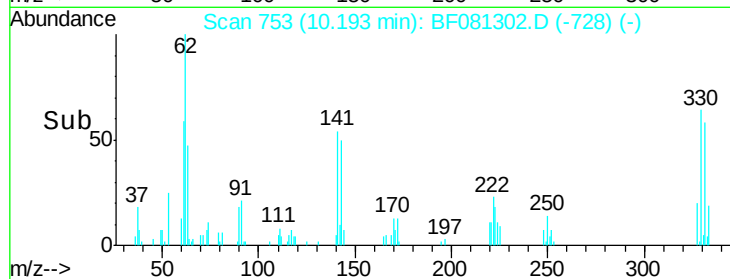
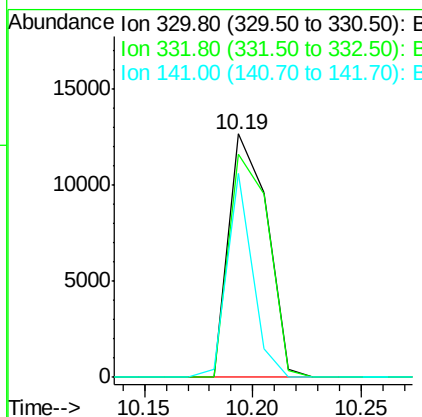
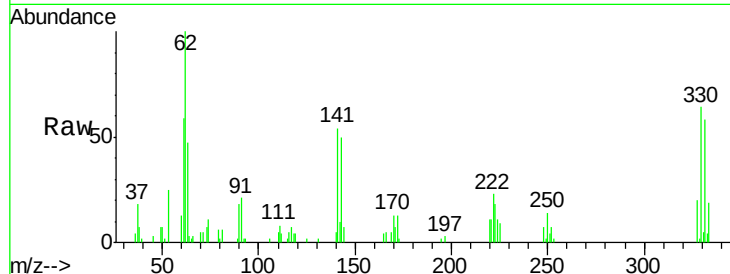
#41
 2,4,6-Tribromophenol
 Concen: 8.94 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	15547		
332	94.7	76.6	114.8	
141	55.3	29.7	44.5#	

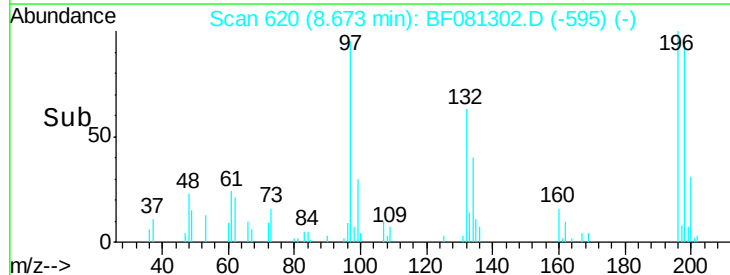
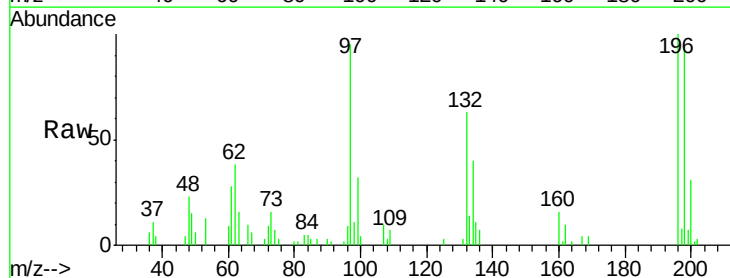
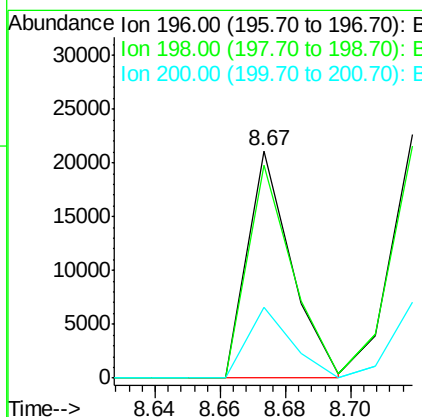
Manual Integrations
 APPROVED

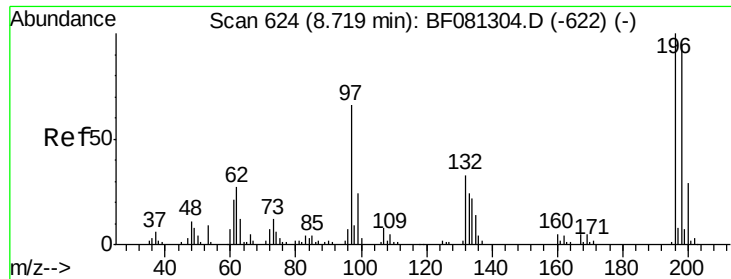
MMDadoda
 9/2/2015 2:09:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 9.21 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

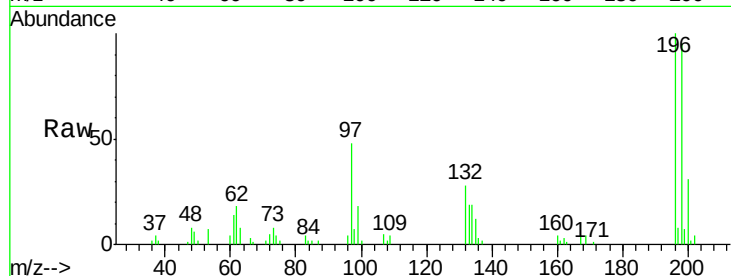
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	19502		
198	93.8	75.7	113.5	
200	31.1	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 9.23 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

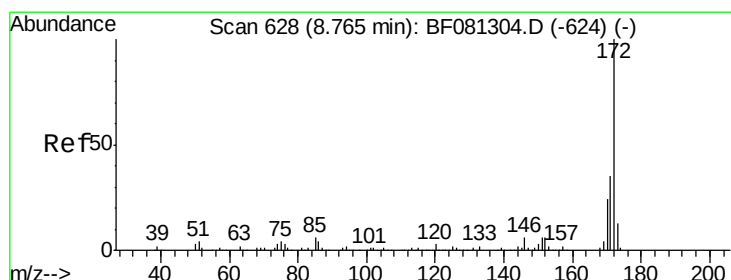
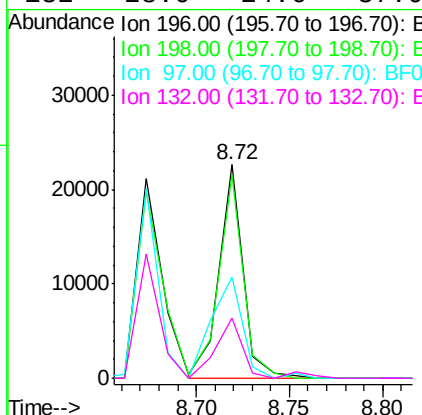
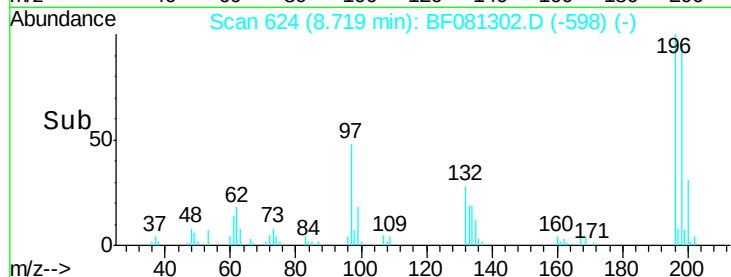
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010



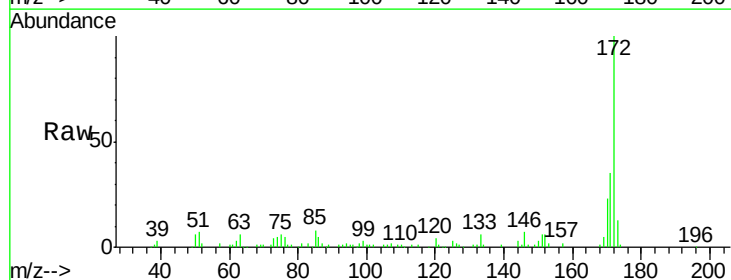
Tgt Ion:	196	Resp:	20441
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.4	113.0
97	47.5	33.3	49.9
132	28.0	24.6	37.0

Manual Integrations
 APPROVED

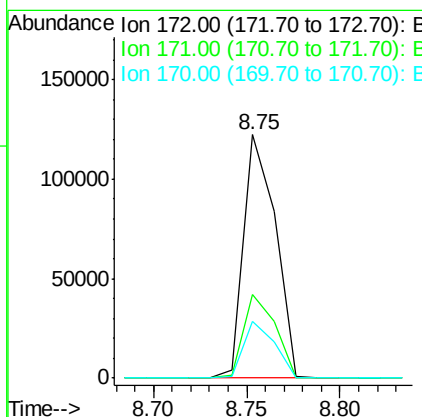
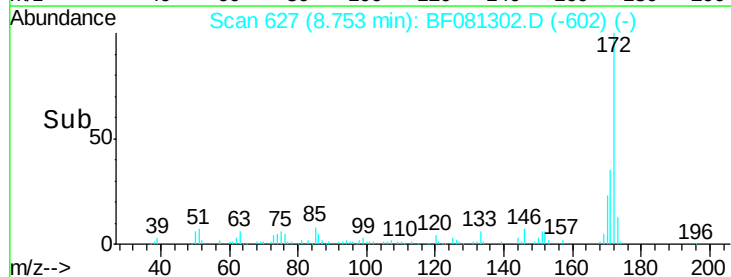
MMDadoda
 9/2/2015 2:09:52 PM

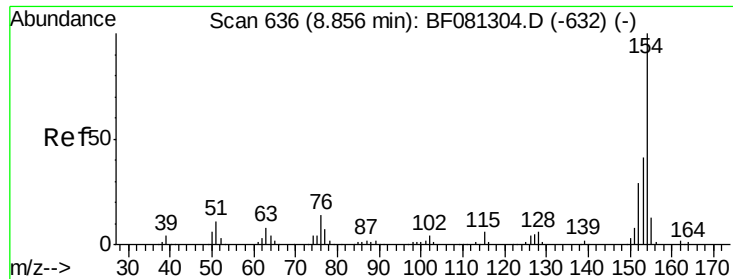


#44
 2-Fluorobiphenyl
 Concen: 8.80 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10



Tgt Ion:	172	Resp:	144845
Ion Ratio	Lower	Upper	
172	100		
171	34.6	26.1	39.1
170	23.5	17.4	26.2





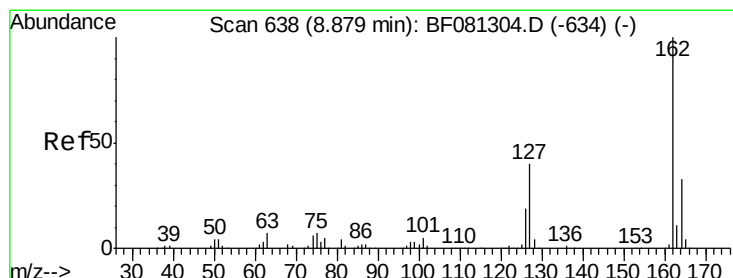
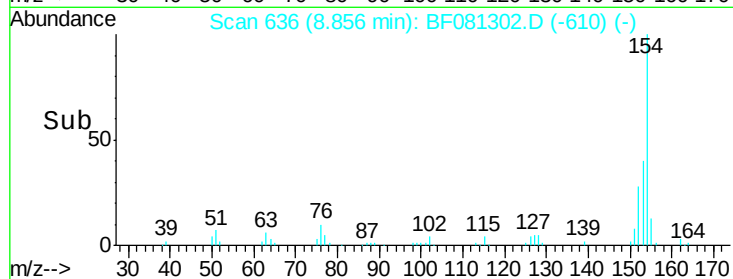
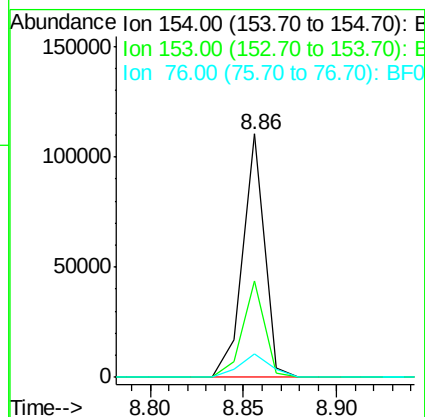
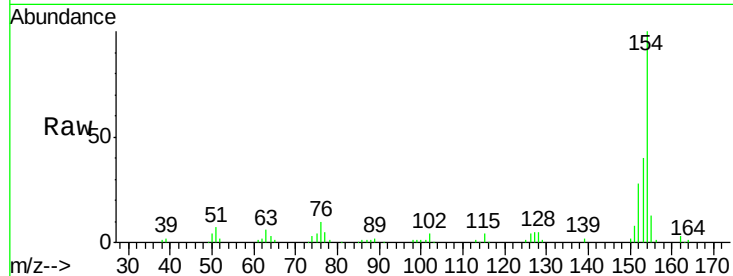
#45
1,1'-Biphenyl
Concen: 9.68 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	17.1	57.1
76	9.6	0.0	31.6

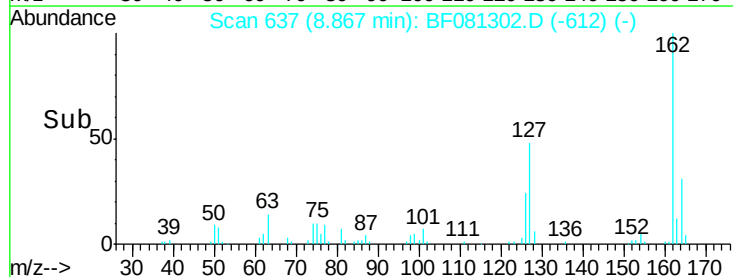
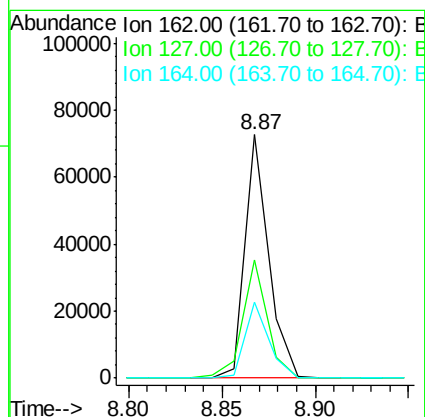
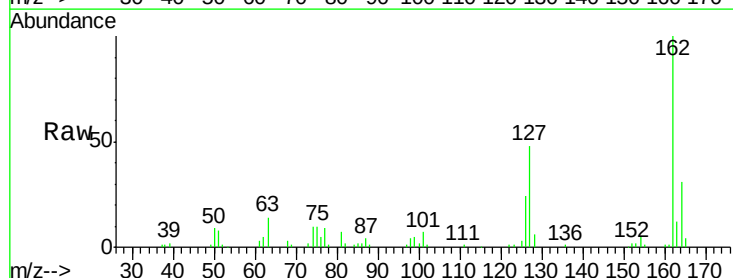
Manual Integrations
APPROVED

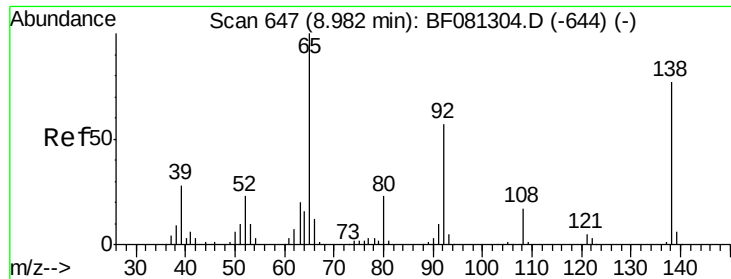
MMDadoda
9/2/2015 2:09:52 PM



#46
2-Chloronaphthalene
Concen: 9.24 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.3	27.6	41.4#
164	31.4	25.4	38.2





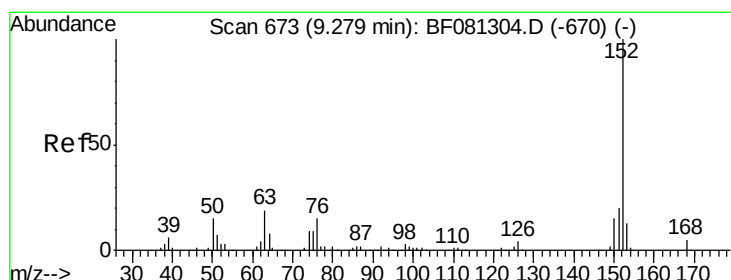
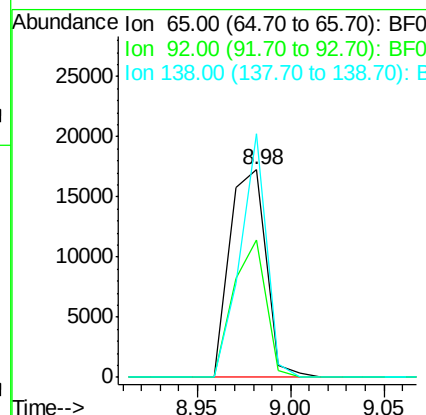
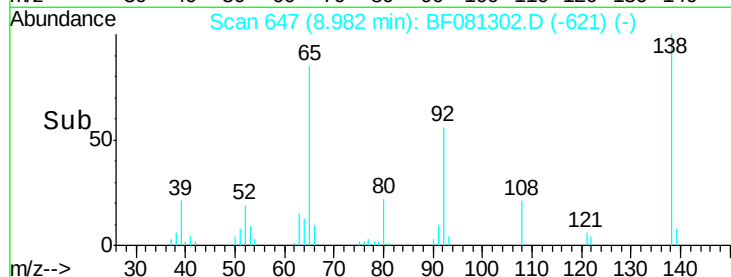
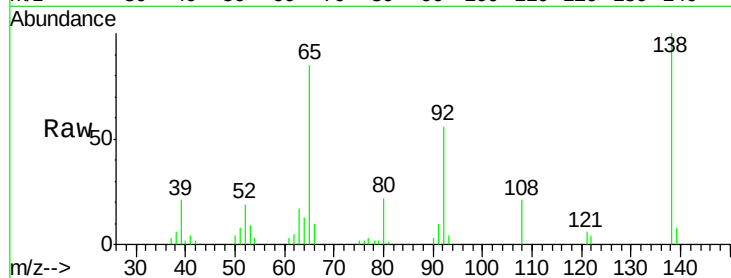
#47
2-Nitroaniline
Concen: 8.89 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.4	83.0
138	117.3	115.5	173.3

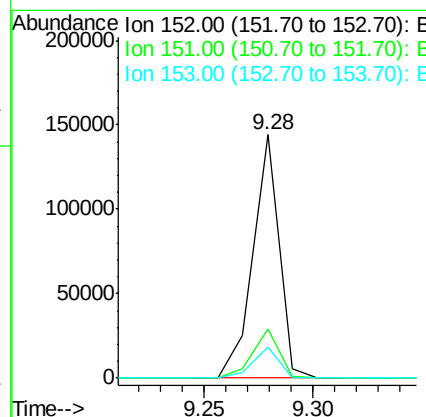
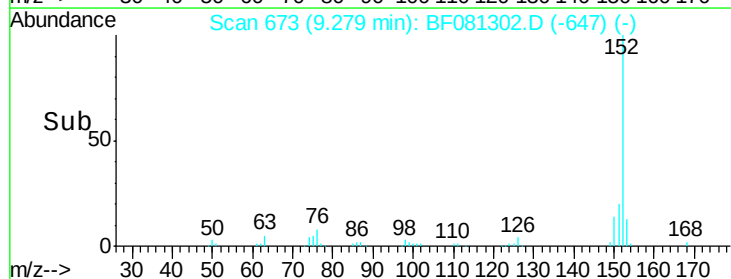
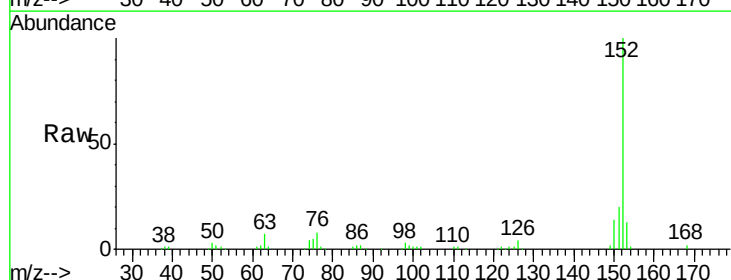
Manual Integrations
APPROVED

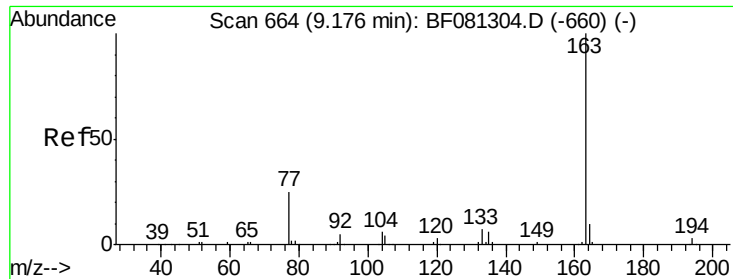
MMDadoda
9/2/2015 2:09:52 PM



#48
Acenaphthylene
Concen: 9.88 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	12.9	10.3	15.5





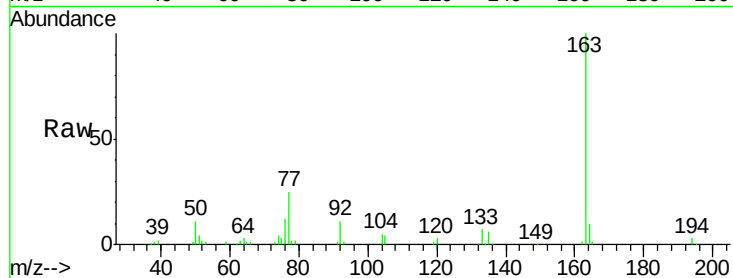
#49
Dimethylphthalate
Concen: 9.47 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampled :
SSTDIC010

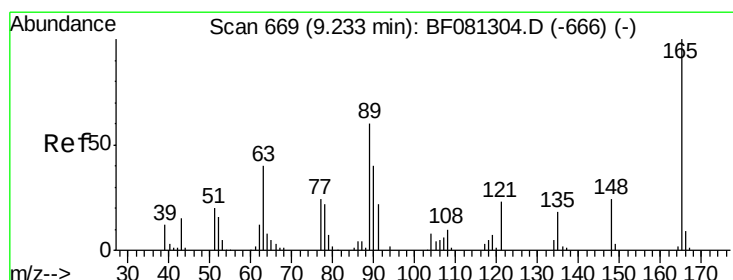
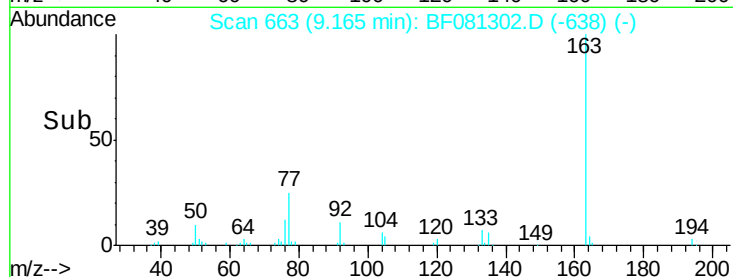
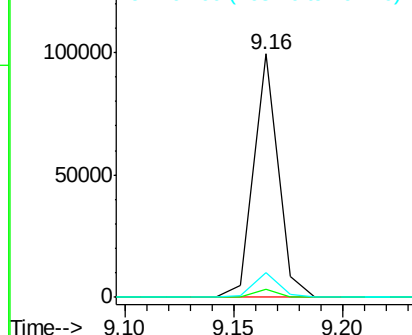
Tgt Ion:163 Resp: 77684
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.4 8.3 12.5

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM

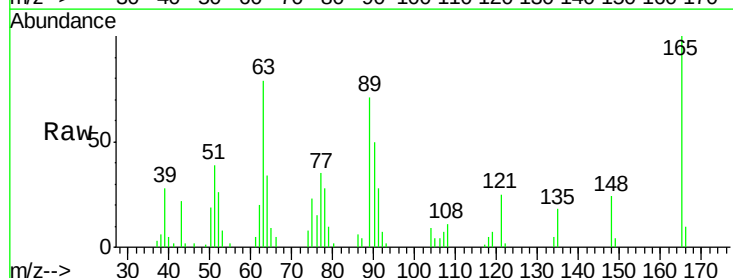


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

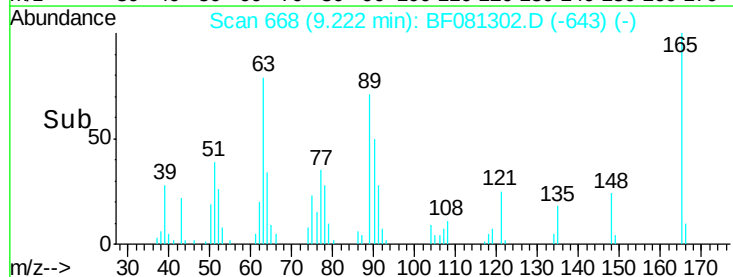
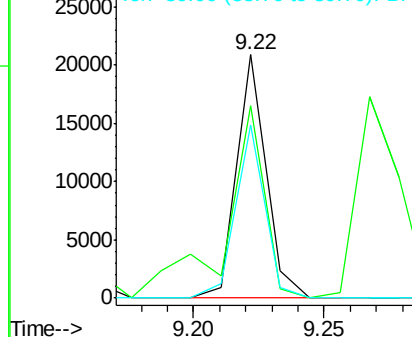


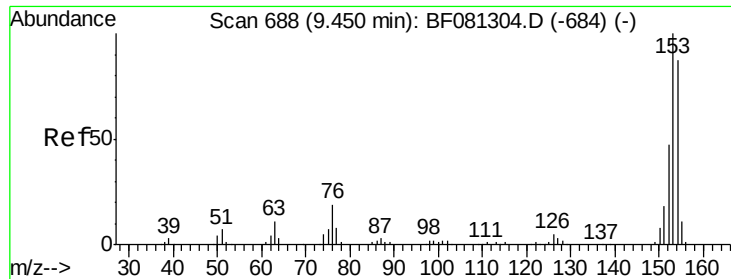
#50
2,6-Dinitrotoluene
Concen: 9.43 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion:165 Resp: 16579
Ion Ratio Lower Upper
165 100
63 79.1 32.3 48.5#
89 71.2 28.6 43.0#



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





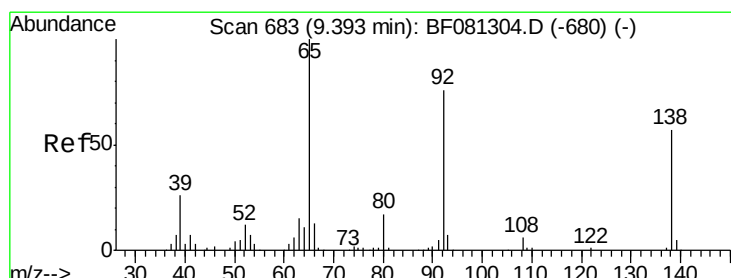
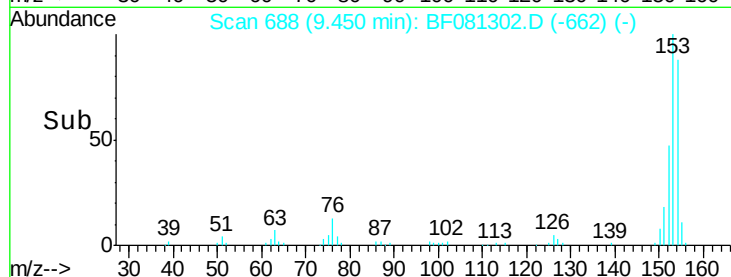
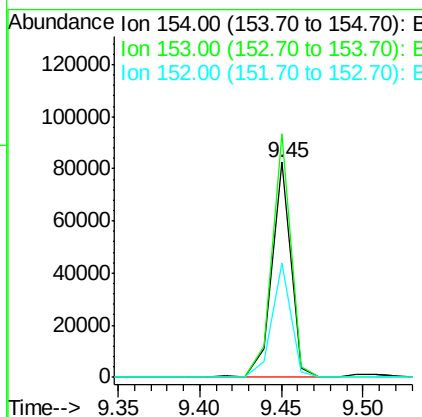
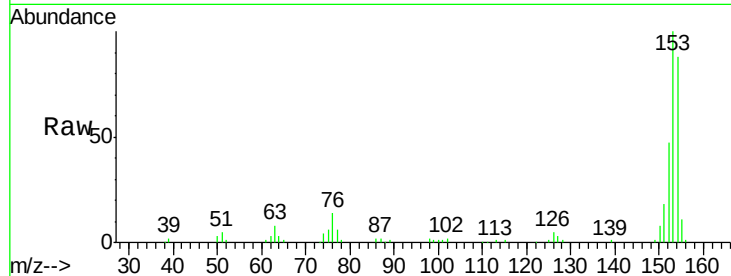
#51
Acenaphthene
Concen: 9.81 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	82.1	123.1
152	53.3	37.9	56.9

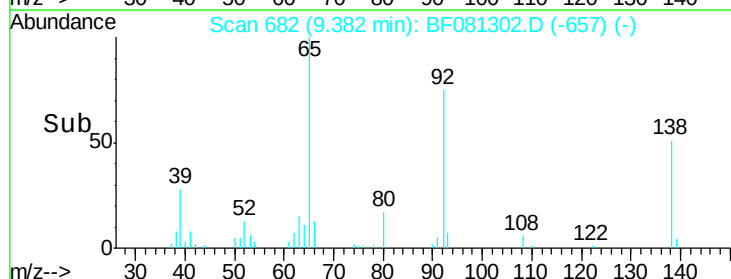
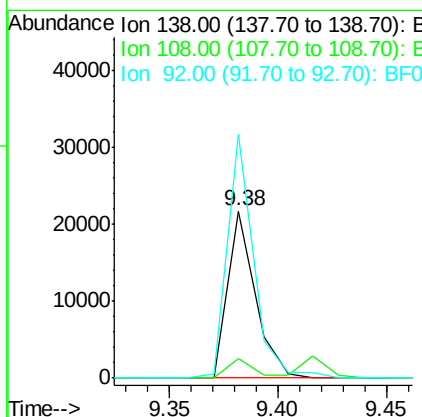
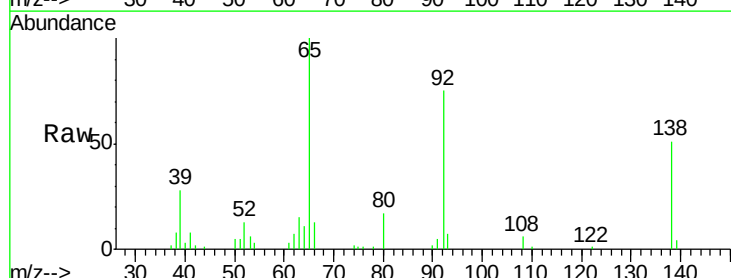
Manual Integrations
APPROVED

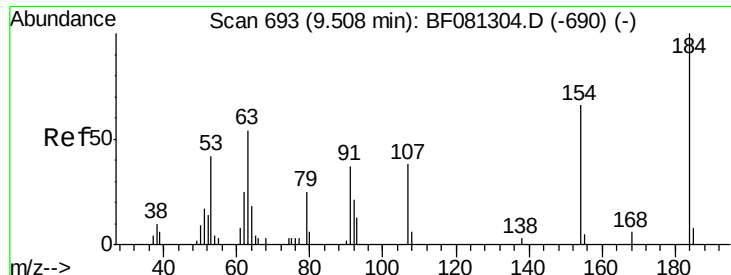
MMDadoda
9/2/2015 2:09:52 PM



#52
3-Nitroaniline
Concen: 8.94 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.1	5.7	8.5#
92	145.8	67.7	101.5#





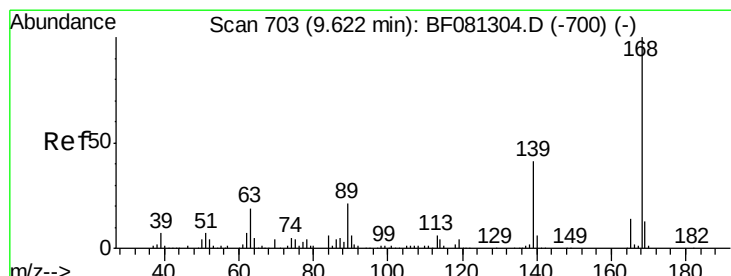
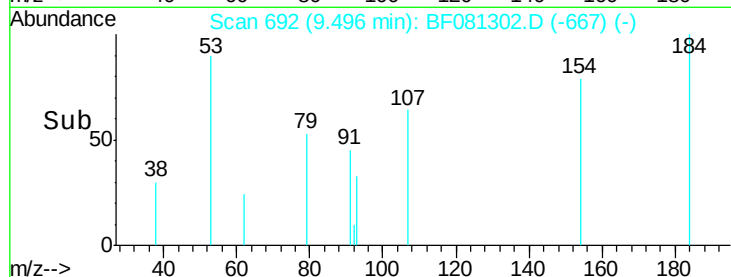
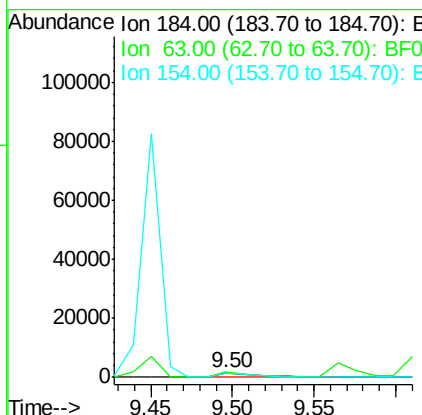
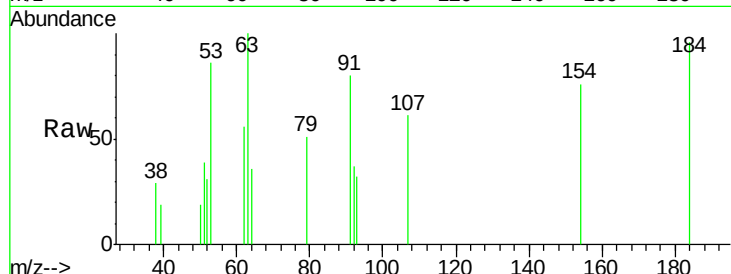
#53
2,4-Dinitrophenol
Concen: 4.71 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	2801		
63	104.4	35.4	53.2#	
154	78.9	32.2	48.4#	

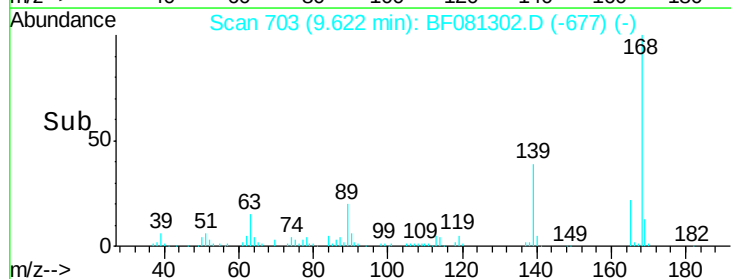
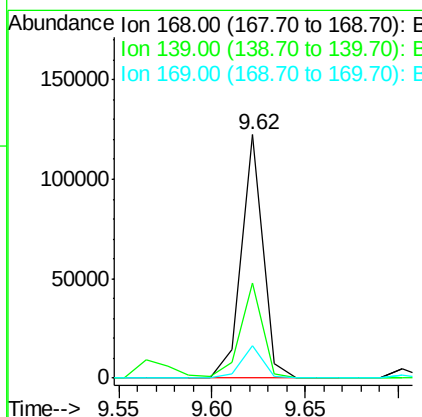
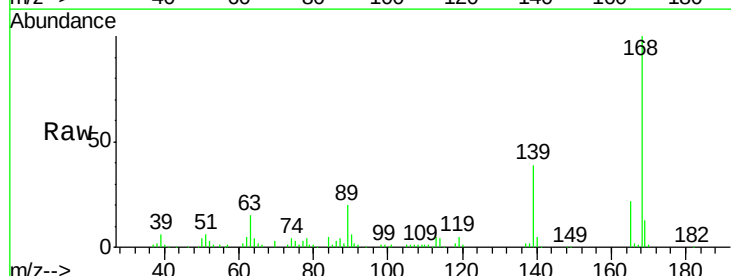
Manual Integrations
APPROVED

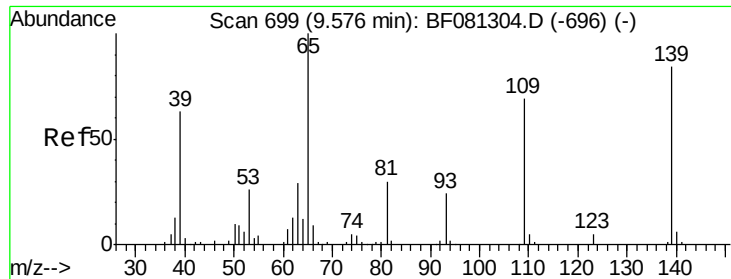
MMDadoda
9/2/2015 2:09:52 PM



#54
Dibenzofuran
Concen: 9.81 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	99027		
139	39.2	24.2	36.2#	
169	13.2	10.6	15.8	





#55

4-Nitrophenol

Concen: 9.70 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:139 Resp: 11920
Ion Ratio Lower Upper

139 100

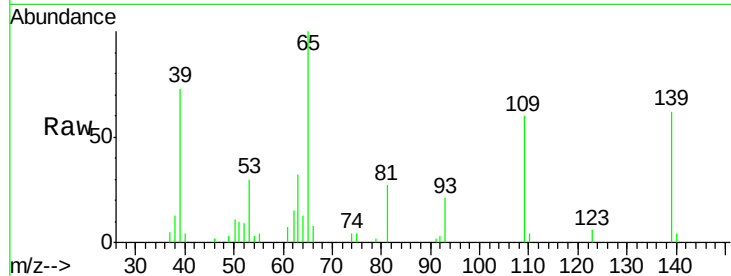
109 96.8 12.7 52.7#

65 161.8 45.9 85.9#

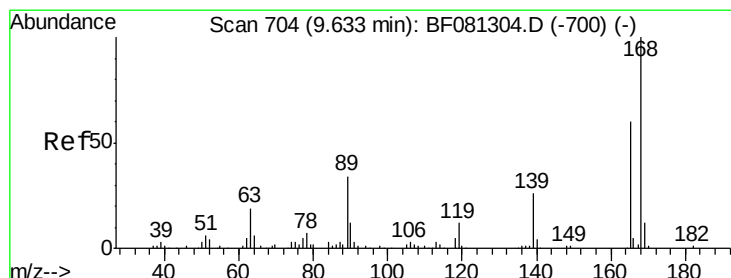
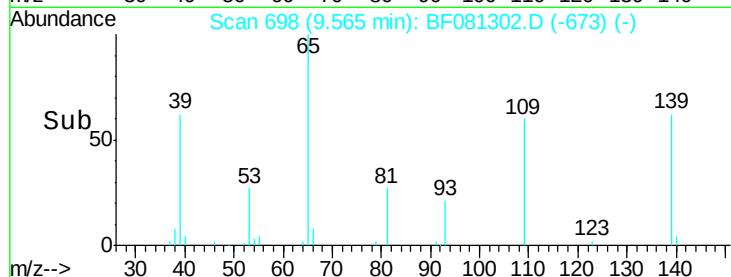
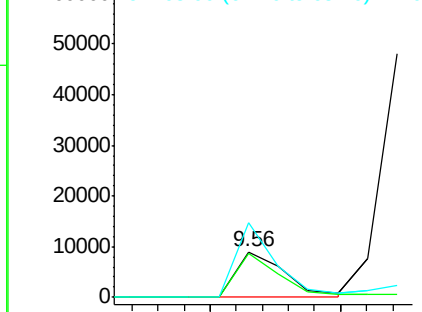
Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:09:52 PM



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



#56

2,4-Dinitrotoluene

Concen: 9.67 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion:165 Resp: 21600
Ion Ratio Lower Upper

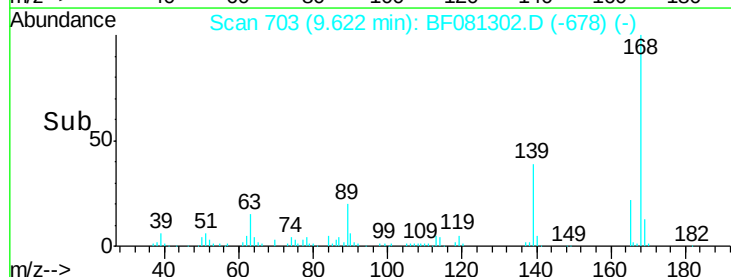
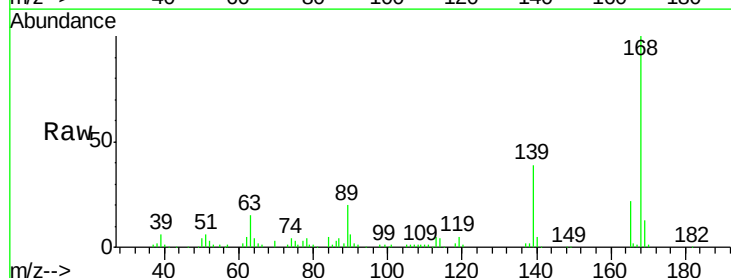
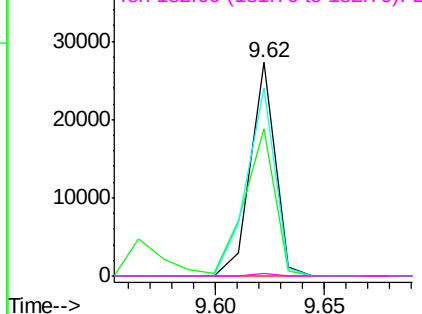
165 100

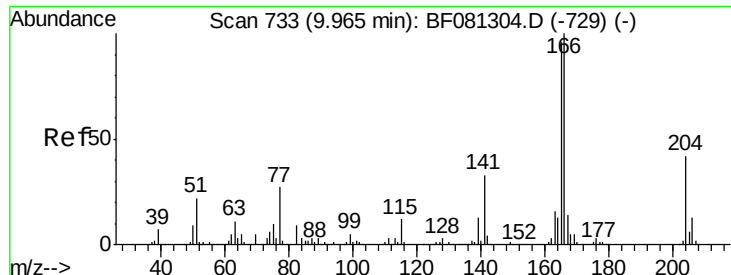
63 68.9 29.8 44.6#

89 87.9 44.5 66.7#

182 1.2 3.0 4.4#

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





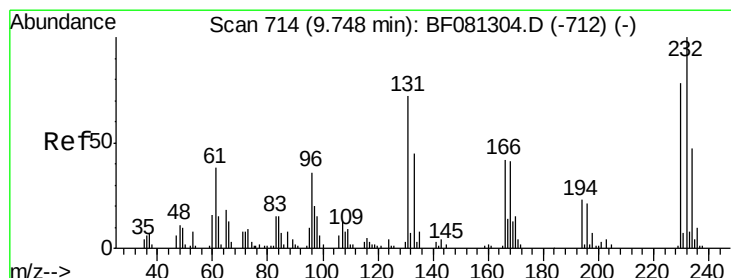
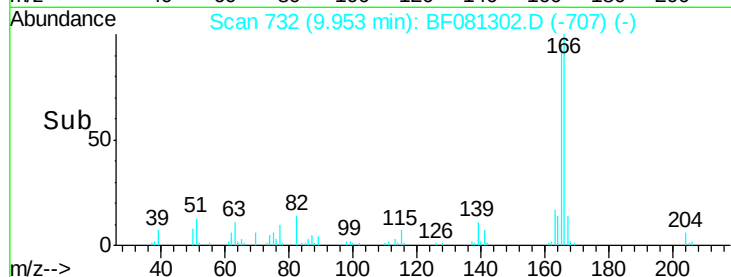
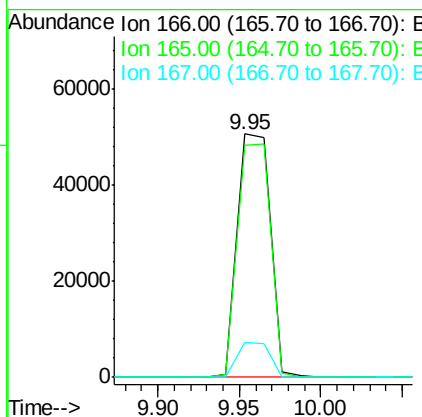
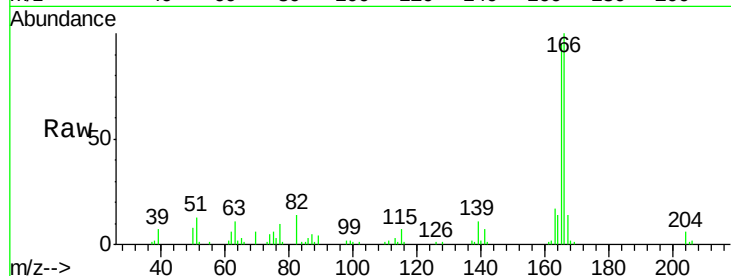
#57
 Fluorene
 Concen: 9.03 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	70370		
165	95.3		72.6	109.0
167	14.2		10.6	16.0

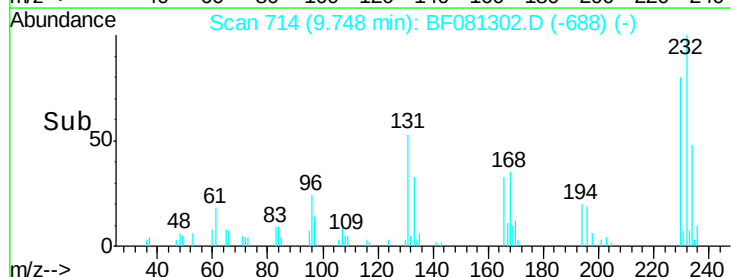
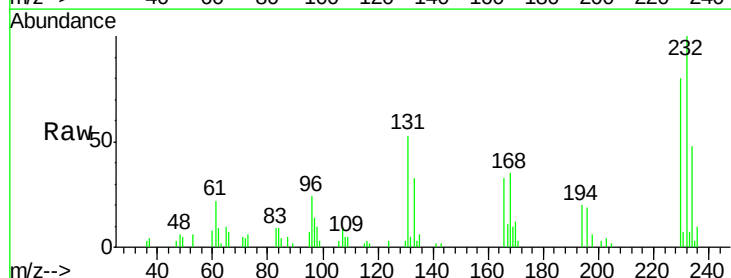
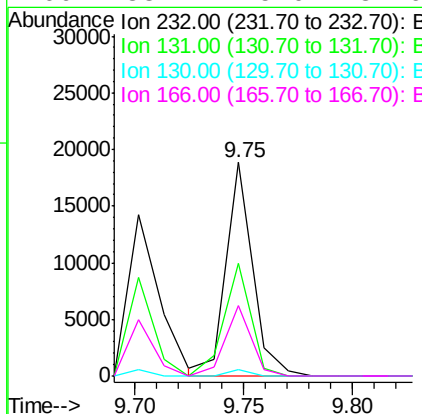
Manual Integrations
 APPROVED

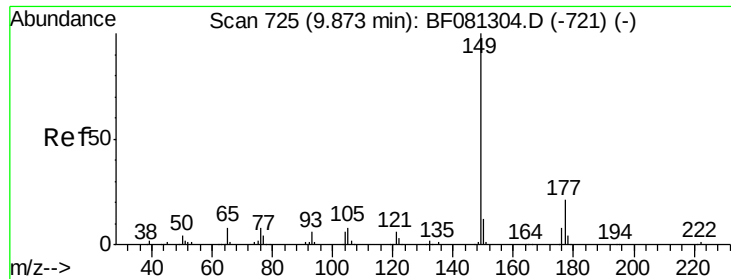
MMDadoda
 9/2/2015 2:09:52 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.70 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	15918		
131	53.4		38.5	57.7
130	2.2		1.8	2.6
166	33.2		25.0	37.6





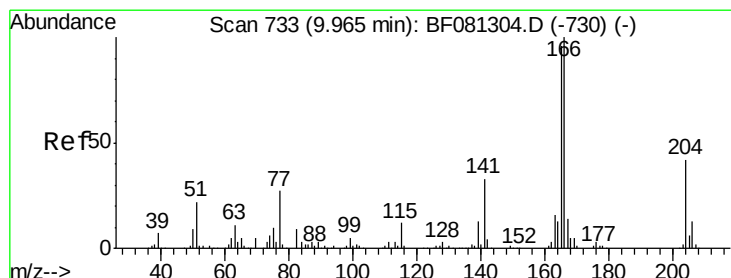
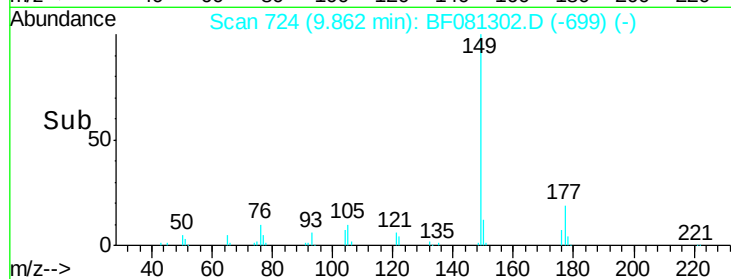
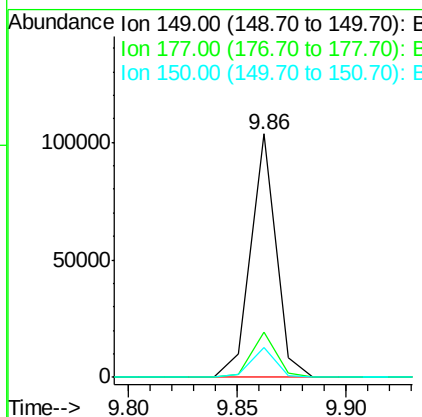
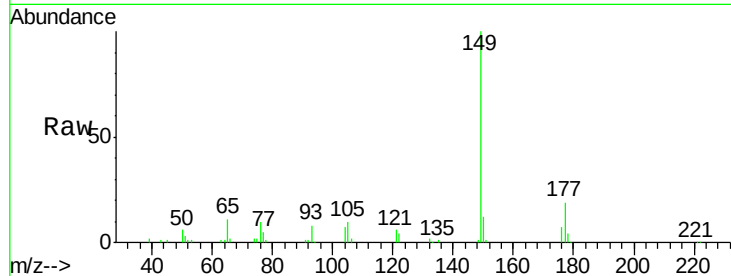
#59
Diethylphthalate
Concen: 9.81 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.5	17.5	26.3
150	12.5	9.4	14.2

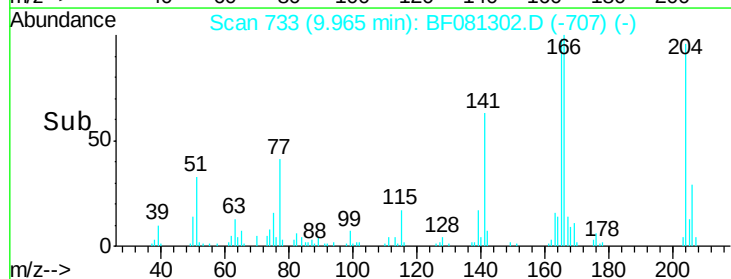
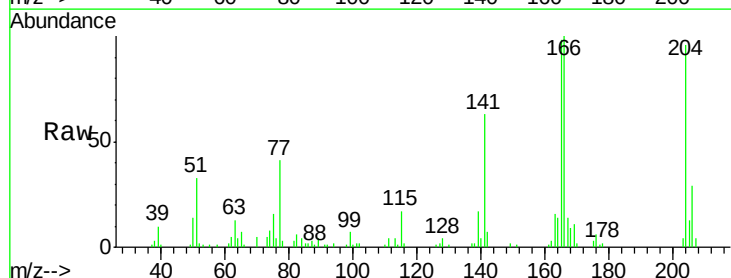
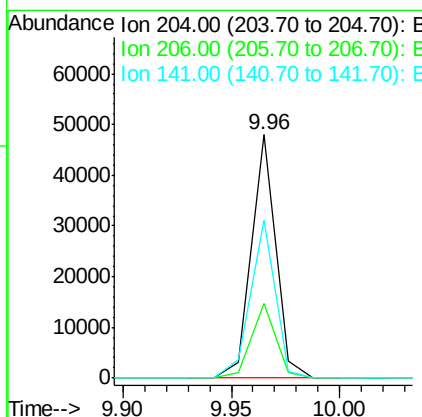
Manual Integrations
APPROVED

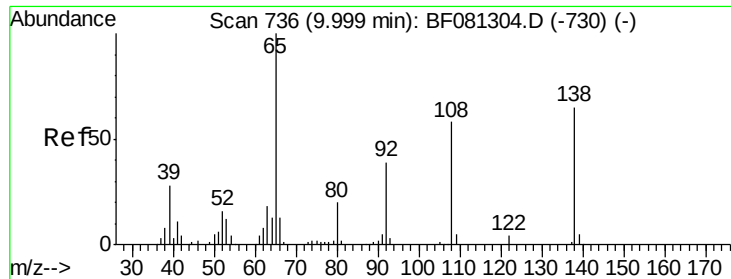
MMDadoda
9/2/2015 2:09:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 9.85 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.6	24.8	37.2
141	64.9	42.2	63.4#





#61

4-Nitroaniline

Concen: 10.26 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF081302.D

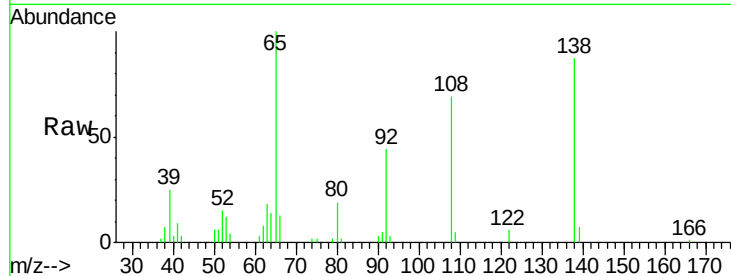
Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



Tgt Ion: 138 Resp: 20673

Ion Ratio Lower Upper

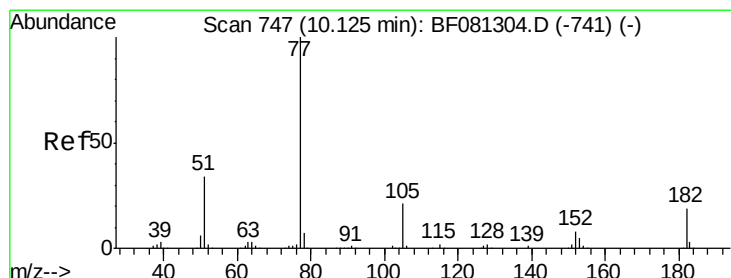
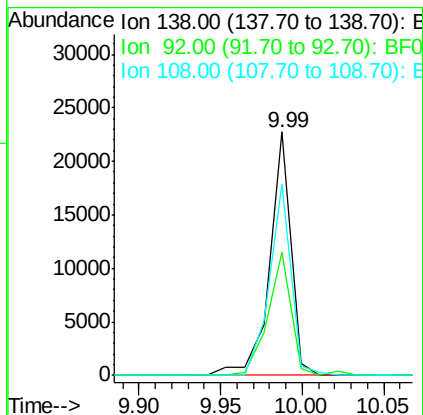
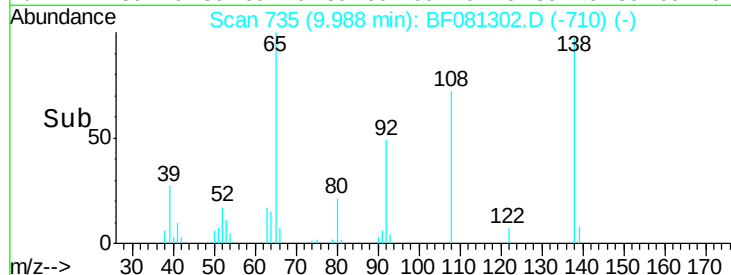
138 100

92 50.6 12.6 52.6

108 78.7 12.4 52.4#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#62

Azobenzene

Concen: 9.06 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion: 77 Resp: 85686

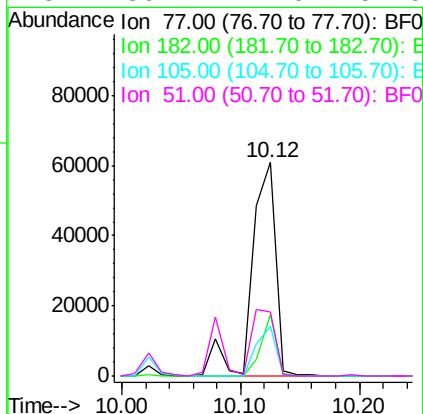
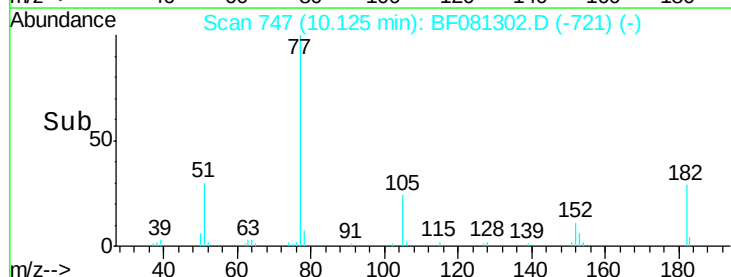
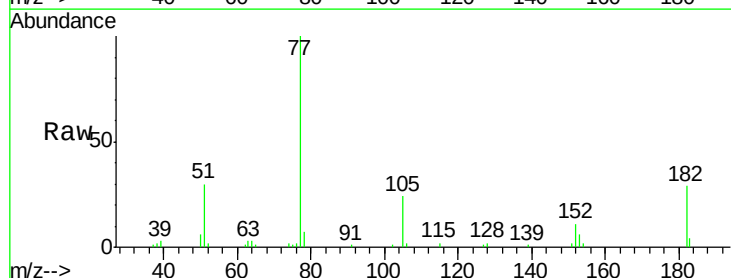
Ion Ratio Lower Upper

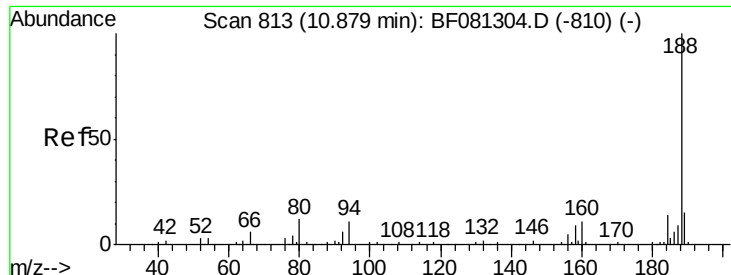
77 100

182 28.9 15.1 55.1

105 23.6 3.4 43.4

51 30.1 12.0 52.0





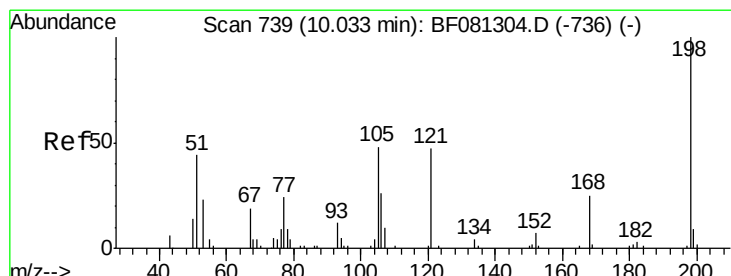
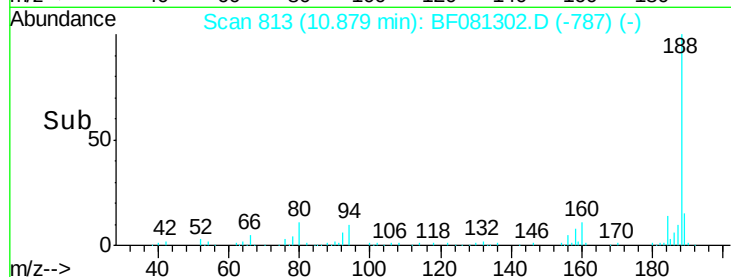
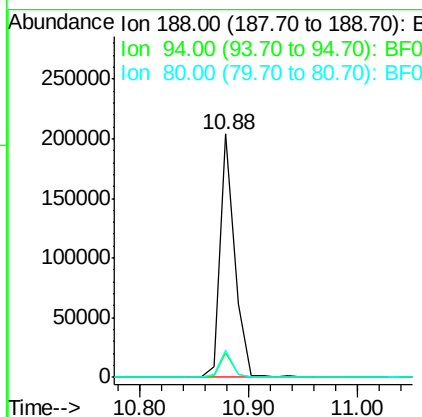
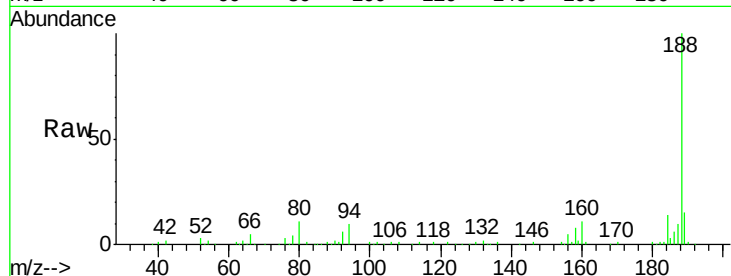
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	192000		
94	10.0		11.1	16.7#
80	11.4		11.0	16.4

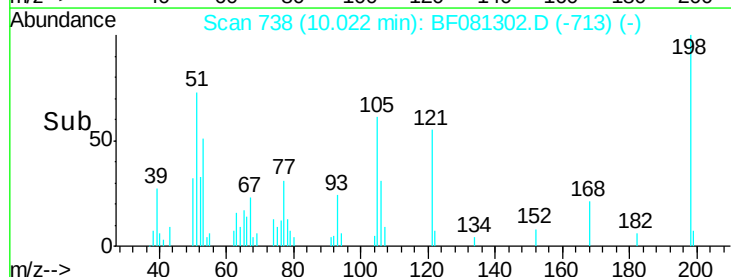
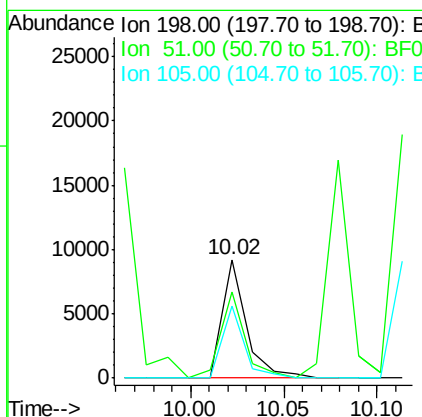
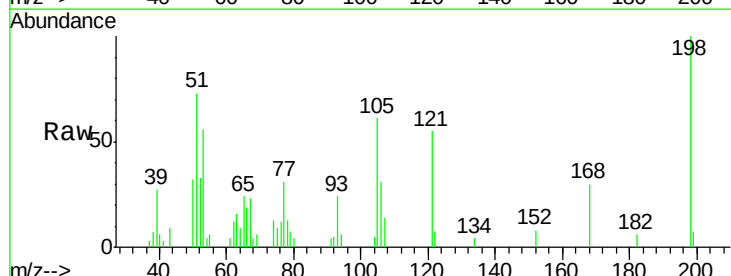
Manual Integrations
 APPROVED

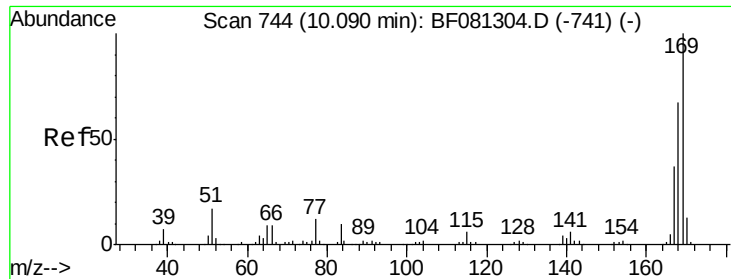
MMDadoda
 9/2/2015 2:09:52 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.09 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	8247		
51	73.1		39.6	79.6
105	60.7		28.5	68.5





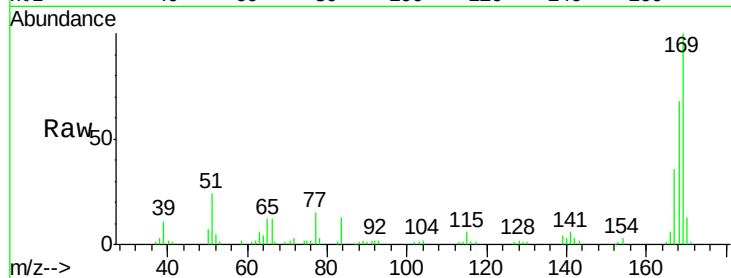
#65
 n-Nitrosodiphenylamine
 Concen: 9.07 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

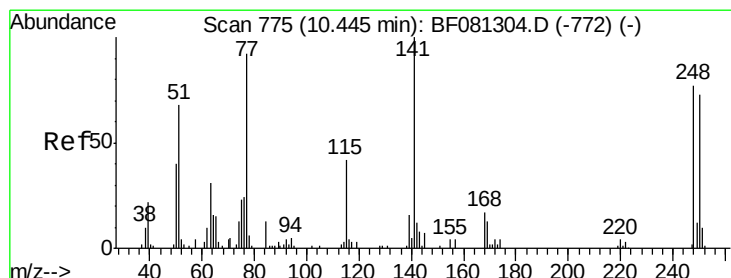
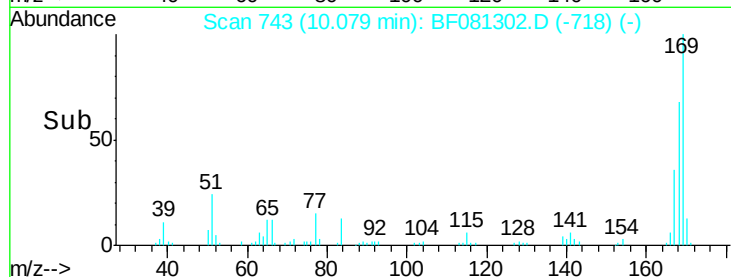
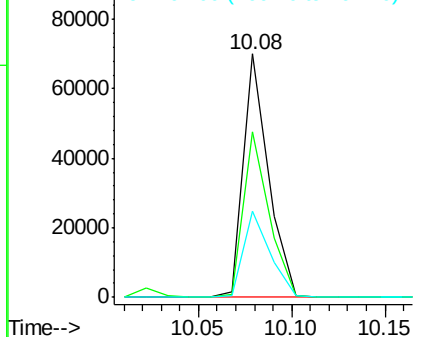
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	65490		
168	68.2	48.9	73.3	
167	35.6	26.2	39.4	

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

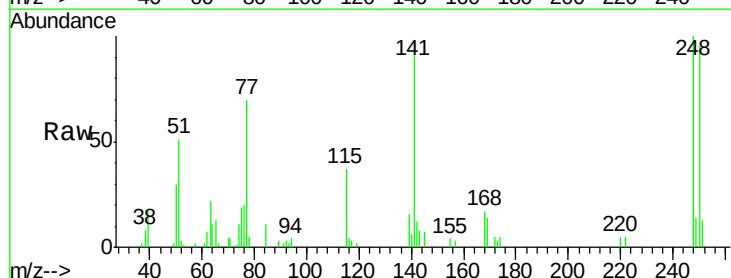


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

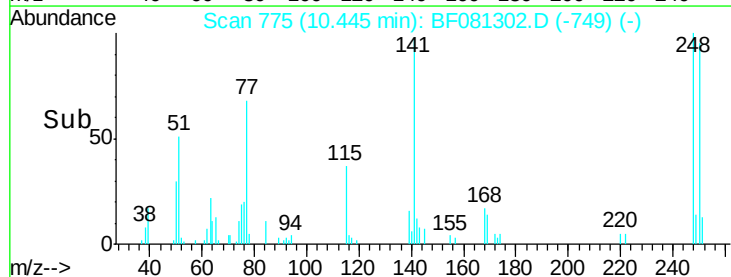
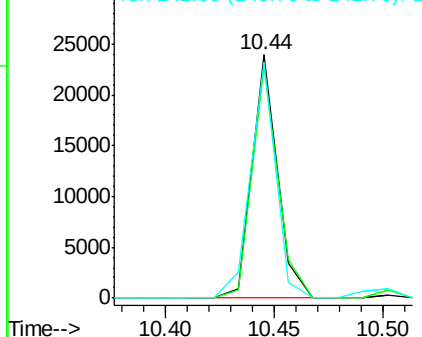


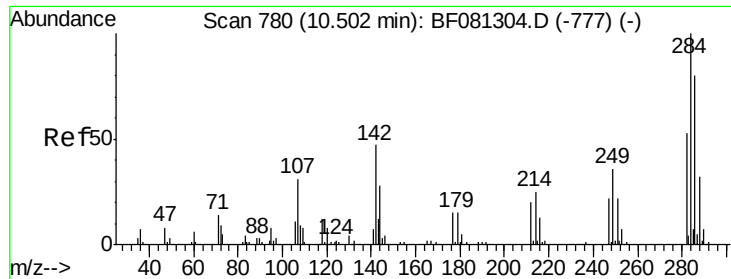
#66
 4-Bromophenyl-phenylether
 Concen: 9.97 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	19400		
250	95.2	78.5	117.7	
141	97.2	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: 9.88 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

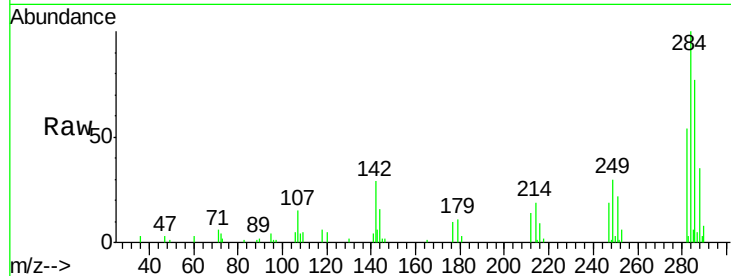
ClientSampleId :

SSTDICC010

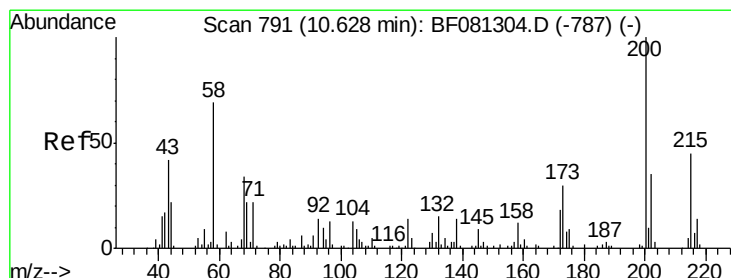
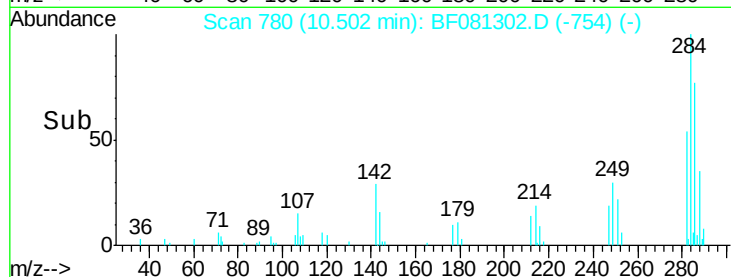
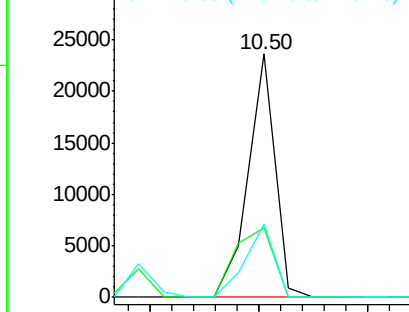
Tgt Ion:	284	Resp:	20285
Ion Ratio		Lower	Upper
284	100		
142	28.8	29.5	44.3#
249	30.2	19.5	29.3#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



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



#68

Atrazine

Concen: 9.24 ng

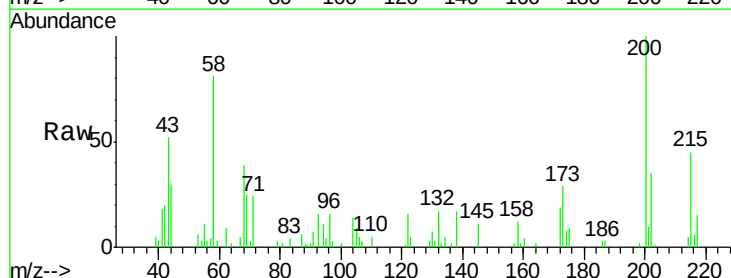
RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

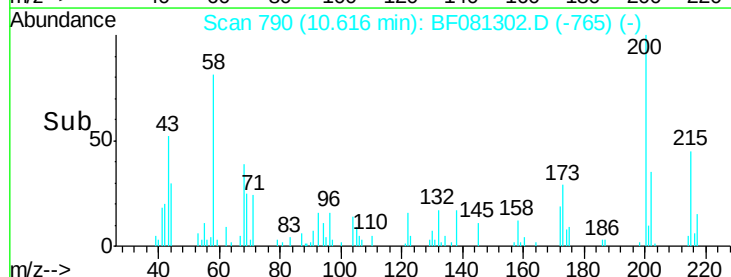
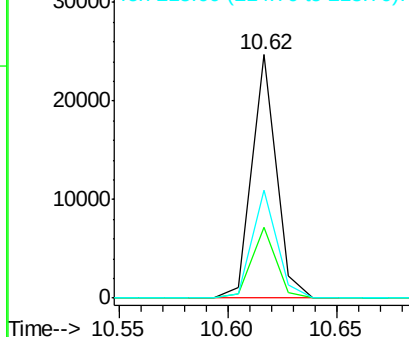
Lab File: BF081302.D

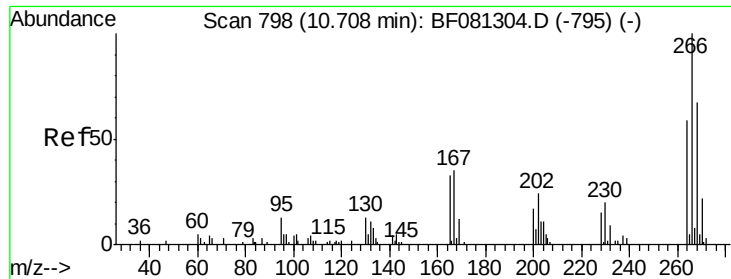
Acq: 1 Sep 2015 14:10

Tgt Ion:	200	Resp:	19236
Ion Ratio		Lower	Upper
200	100		
173	29.3	13.2	53.2
215	44.6	41.8	81.8



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





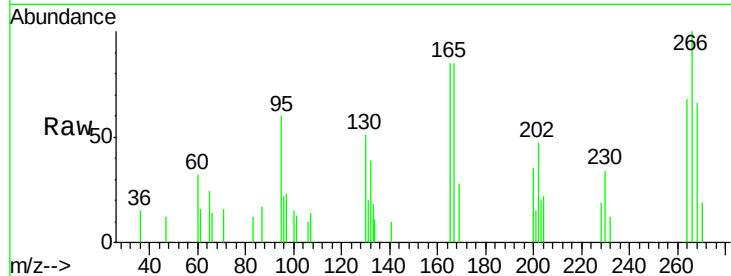
#69
 Pentachlorophenol
 Concen: 6.38 ng
 RT: 10.70 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

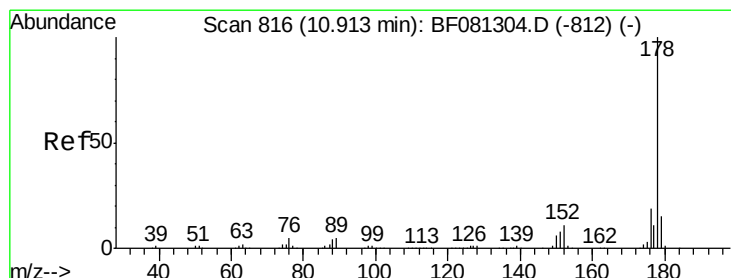
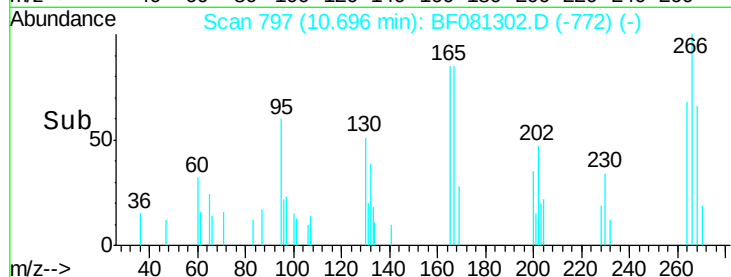
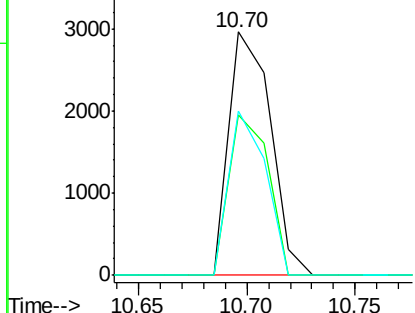
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3938		
268	65.6	49.8	74.6	
264	67.6	50.2	75.2	

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

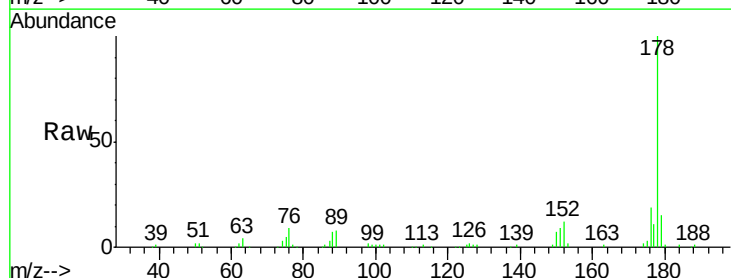


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

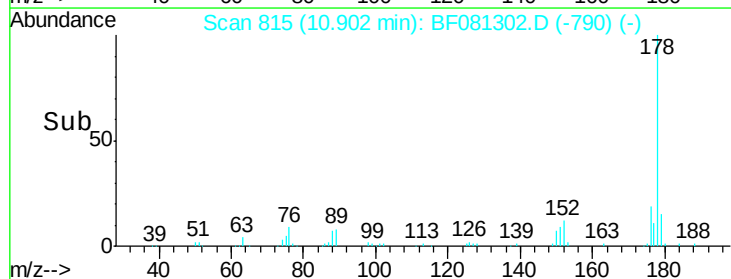
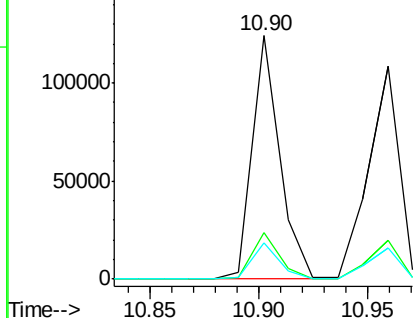


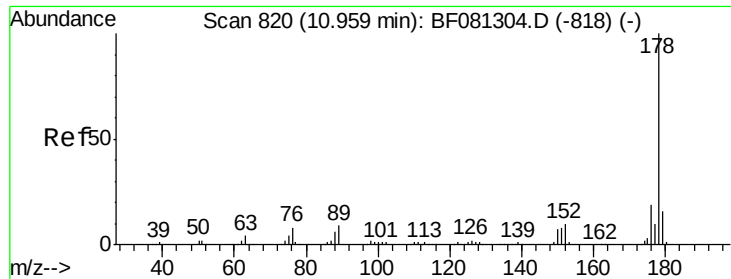
#70
 Phenanthrene
 Concen: 9.64 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	109364		
176	19.0	13.8	20.8	
179	15.1	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





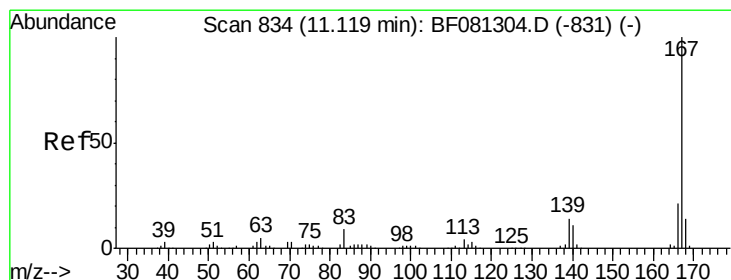
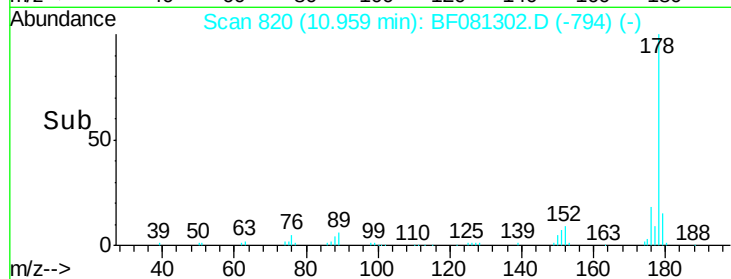
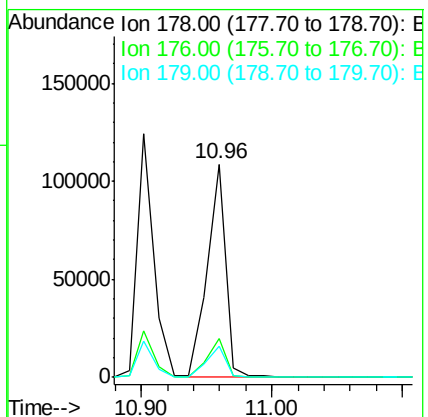
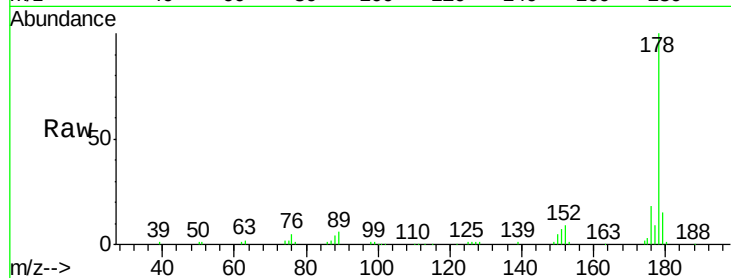
#71
 Anthracene
 Concen: 9.43 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	14.8	12.2	18.2

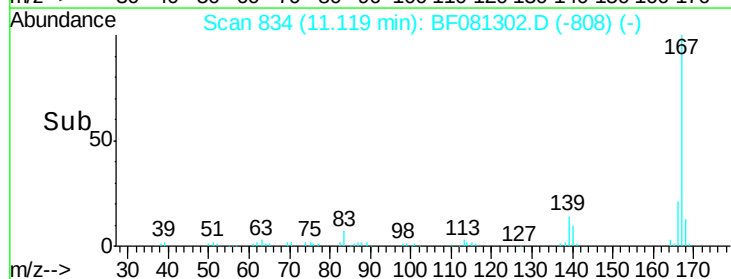
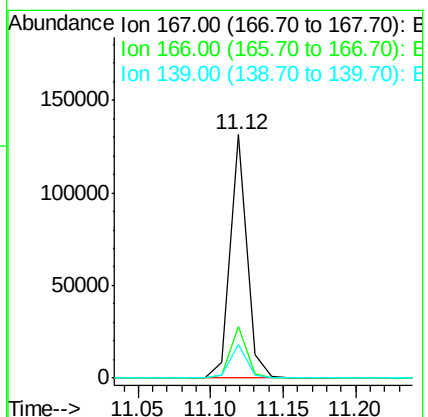
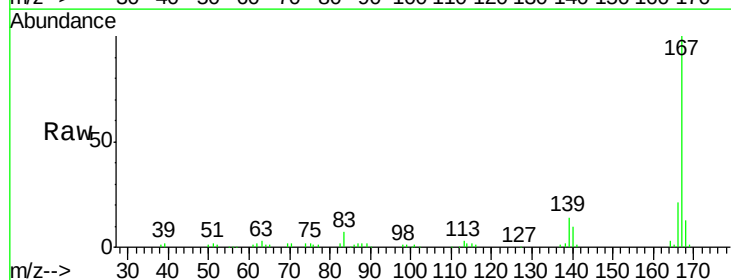
Manual Integrations
 APPROVED

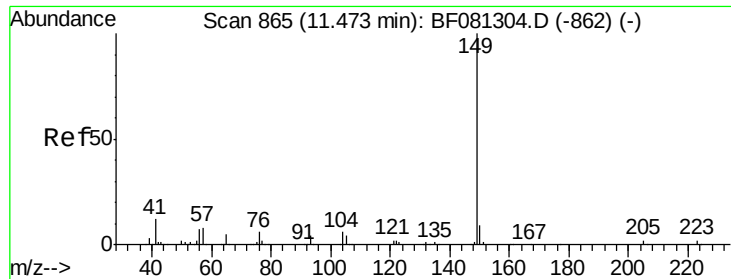
MMDadoda
 9/2/2015 2:09:52 PM



#72
 Carbazole
 Concen: 9.89 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	15.7	23.5
139	13.7	9.5	14.3





#73

Di-n-butylphthalate

Concen: 9.88 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:149 Resp: 118448
Ion Ratio Lower Upper

149 100

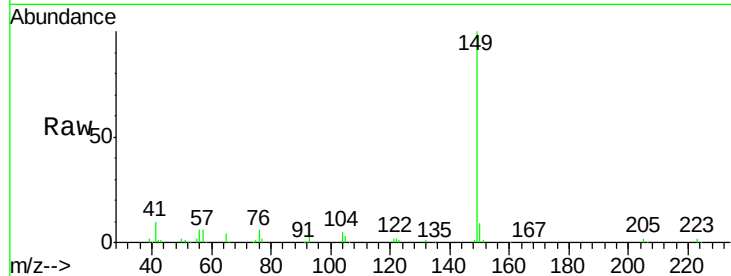
150 8.7 7.4 11.2

104 5.2 2.4 3.6#

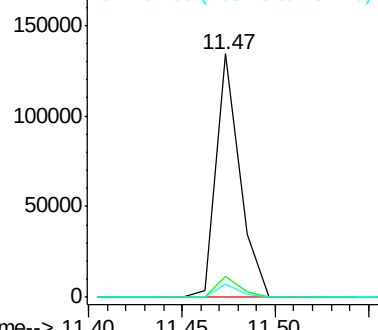
Manual Integrations
APPROVED

MMDadoda

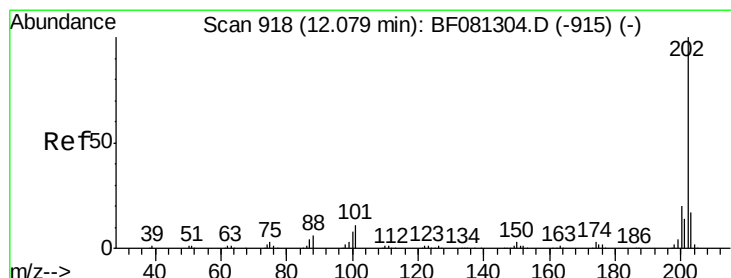
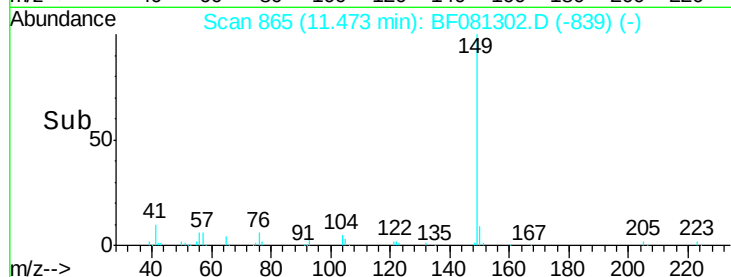
9/2/2015 2:09:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 11.40 11.45 11.50



#74

Fluoranthene

Concen: 9.89 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081302.D

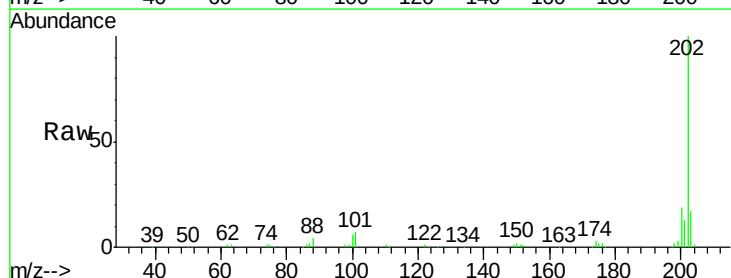
Acq: 1 Sep 2015 14:10

Tgt Ion:202 Resp: 117617
Ion Ratio Lower Upper

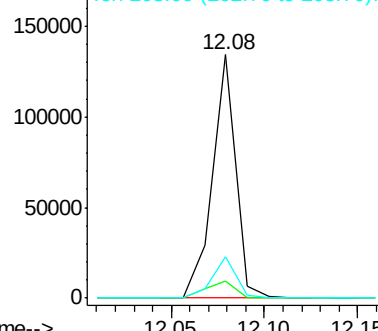
202 100

101 7.3 0.0 38.3

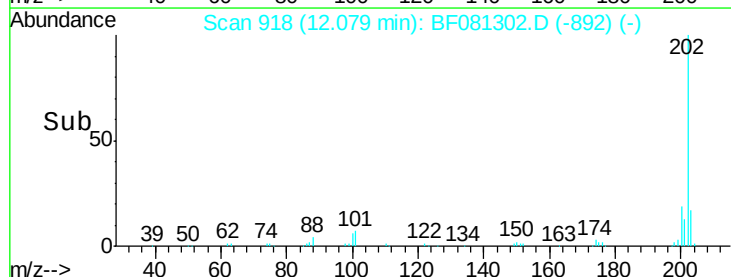
203 17.1 0.0 37.3

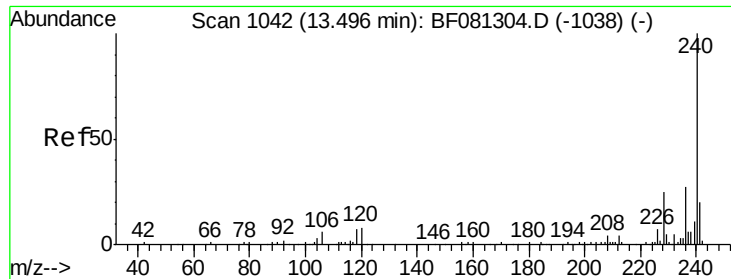


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.05 12.10 12.15





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

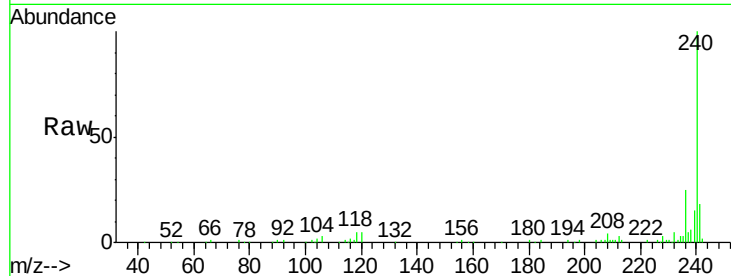
ClientSampleId :

SSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164730		
120	4.8	16.2	24.2	
236	25.3	18.4	27.6	

Manual Integrations
APPROVED

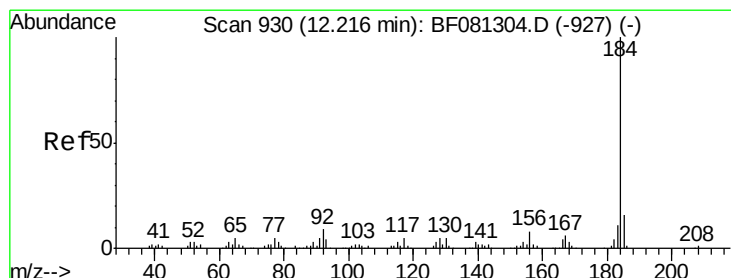
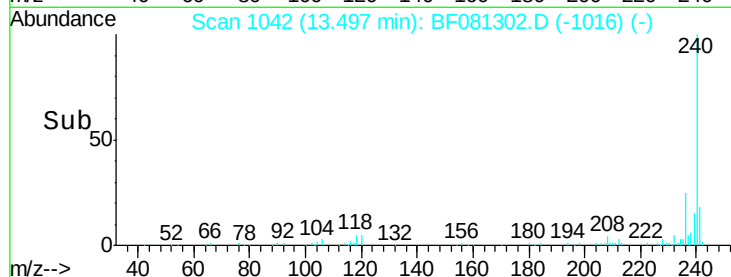
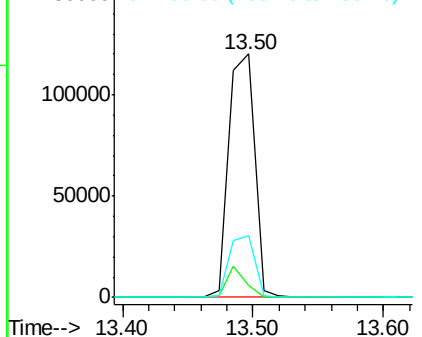
MMDadoda
9/2/2015 2:09:52 PM



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: 10.46 ng

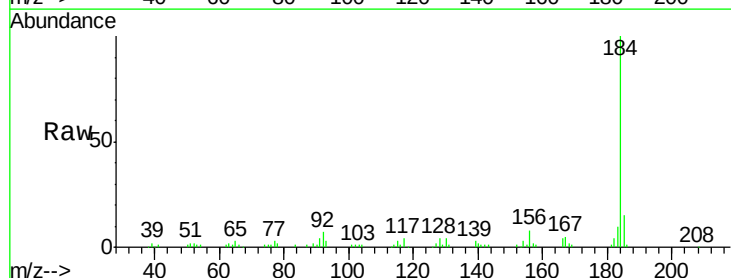
RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

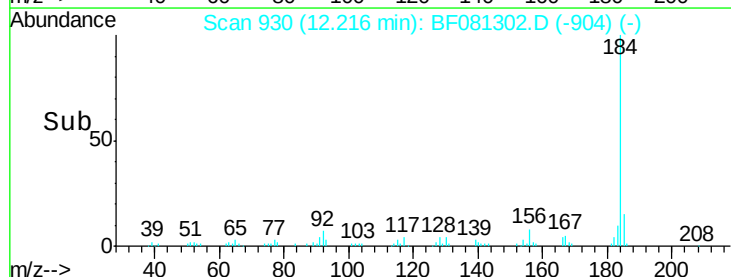
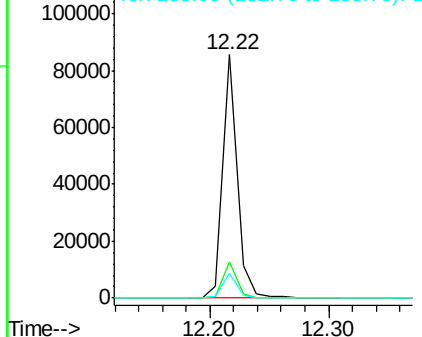
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	71294		
185	15.1	11.8	17.6	
183	10.1	7.6	11.4	

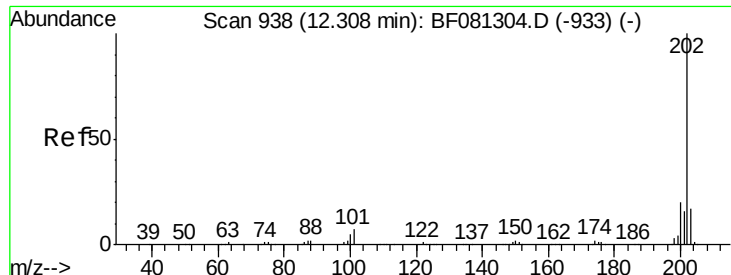


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





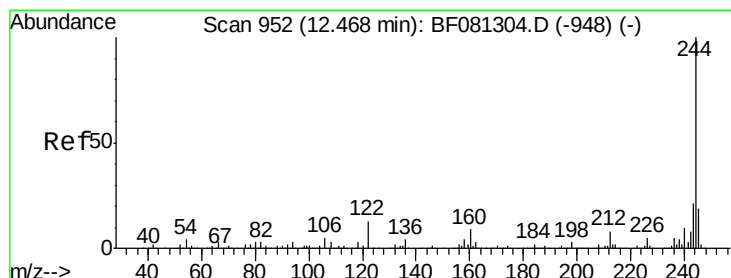
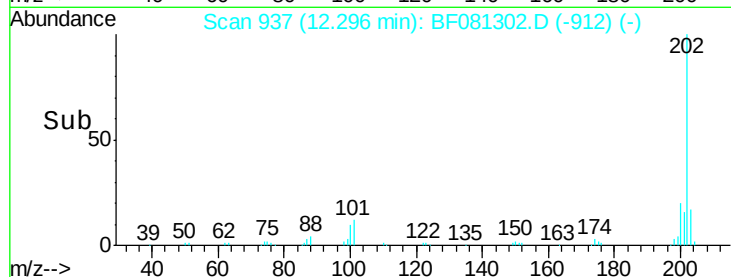
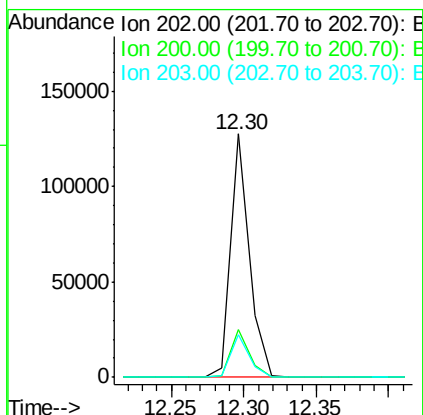
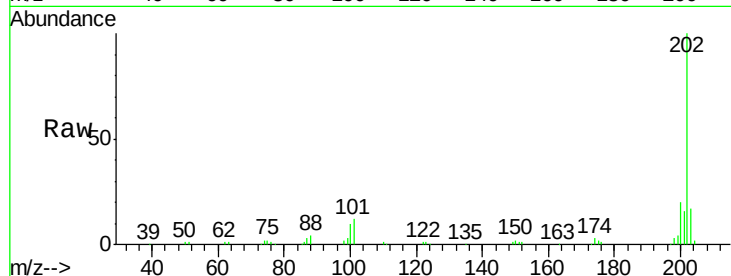
#77
Pyrene
 Concen: 9.29 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	15.0	22.4
203	17.4	14.1	21.1

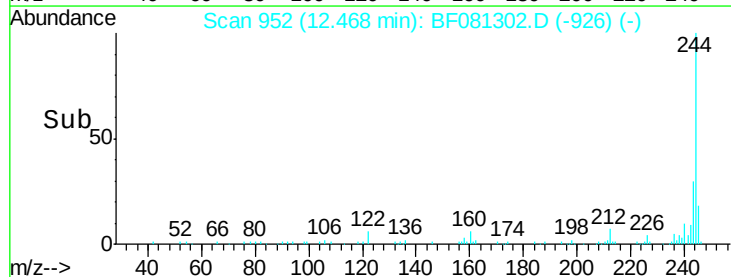
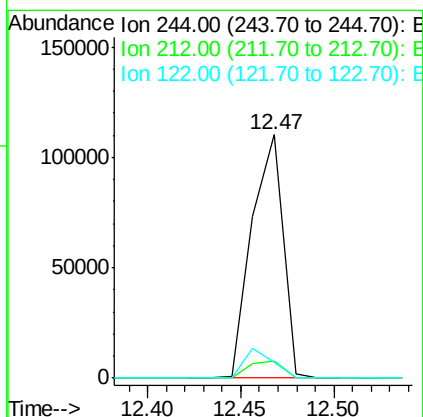
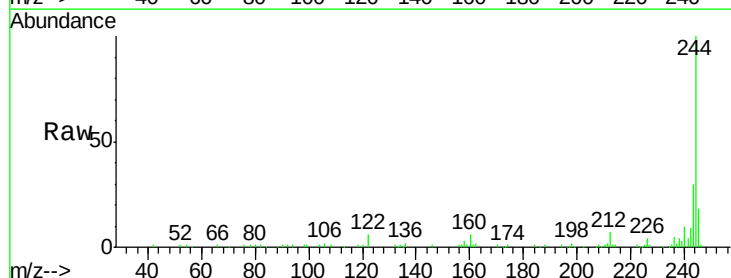
Manual Integrations
APPROVED

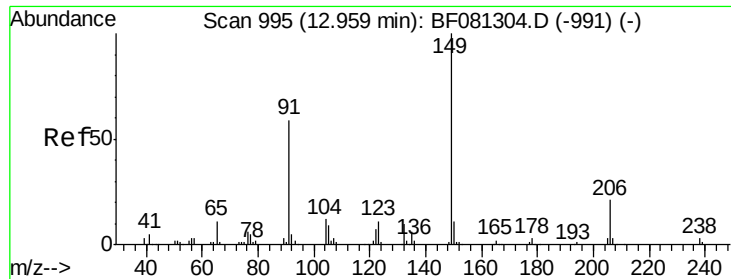
MMDadoda
 9/2/2015 2:09:52 PM



#78
Terphenyl-d14
 Concen: 9.36 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	6.3	17.4	26.2#





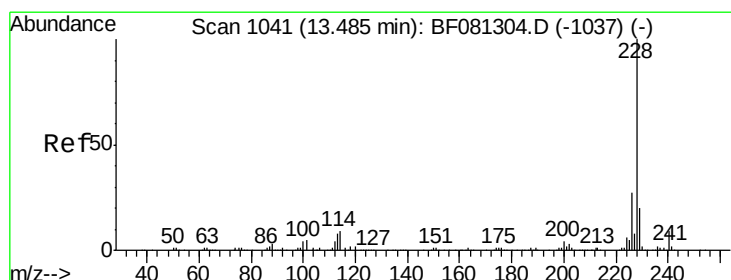
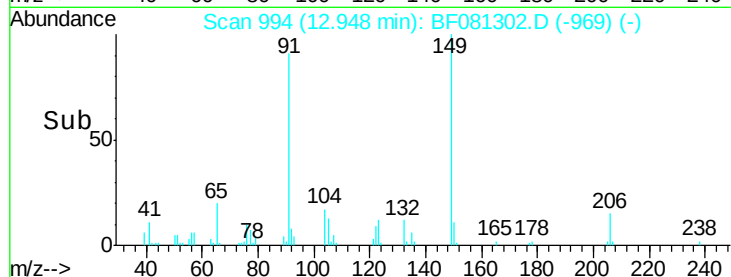
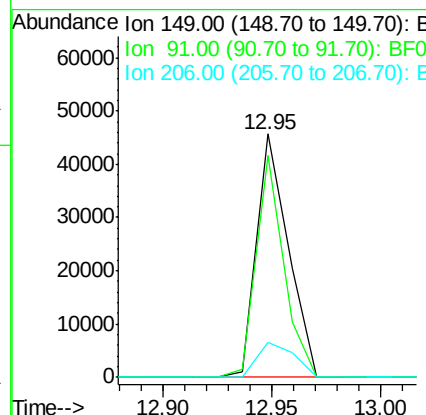
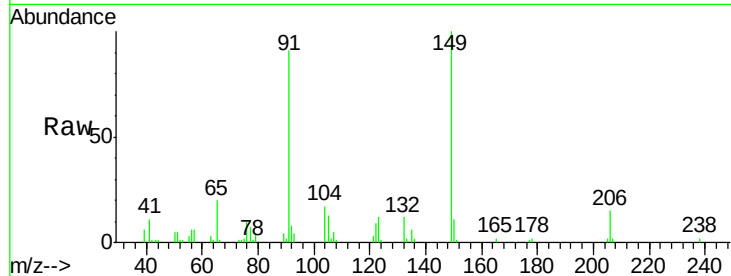
#79
Butylbenzylphthalate
Concen: 9.69 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	91.0	48.6	72.8#
206	14.5	14.9	22.3#

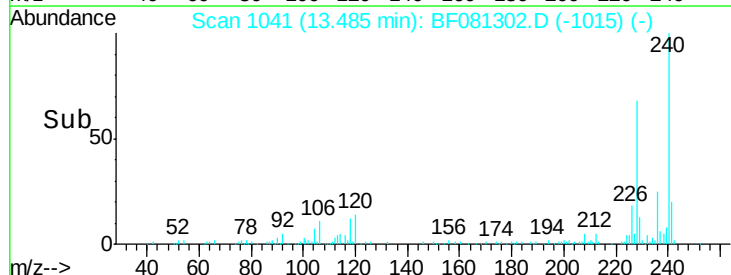
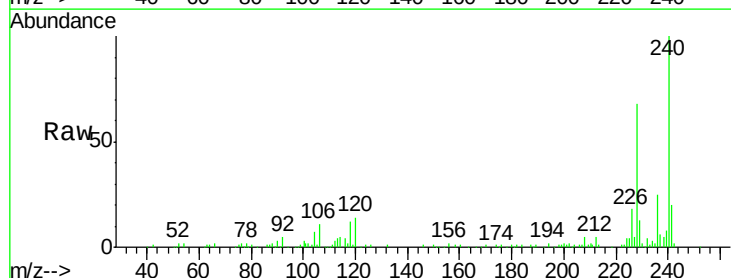
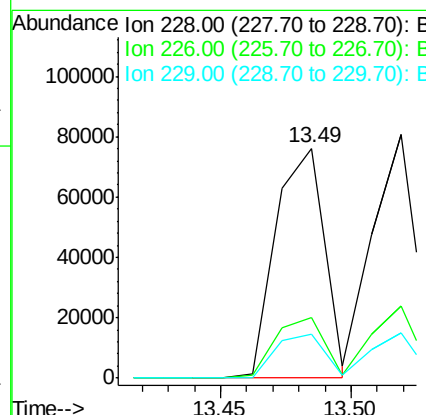
Manual Integrations
APPROVED

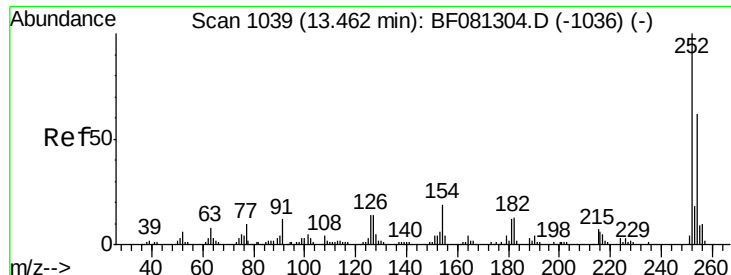
MMDadoda
9/2/2015 2:09:52 PM



#80
Benzo(a)anthracene
Concen: 9.44 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081302.D
Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.3	20.0	30.0
229	19.0	15.4	23.2





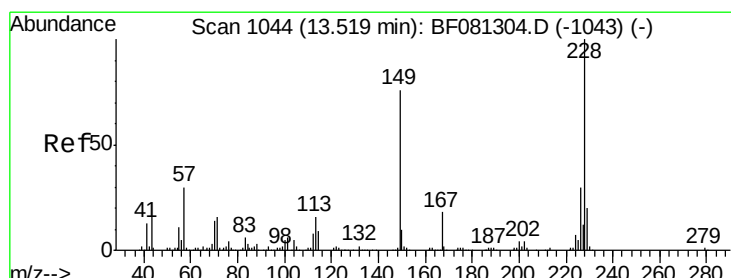
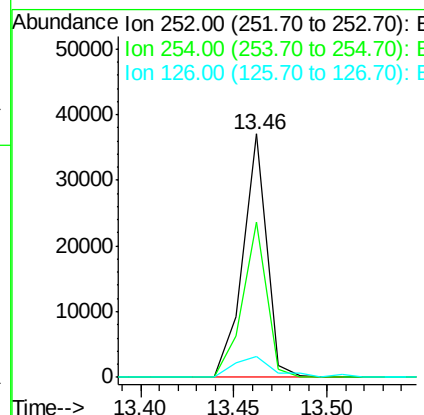
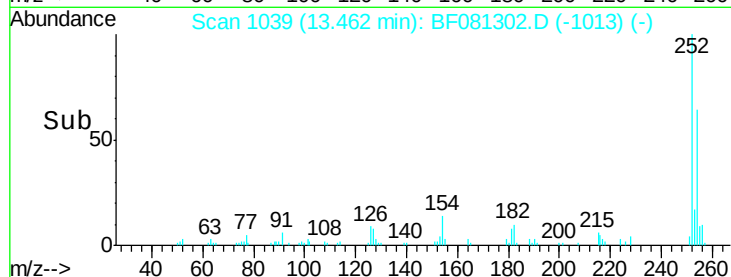
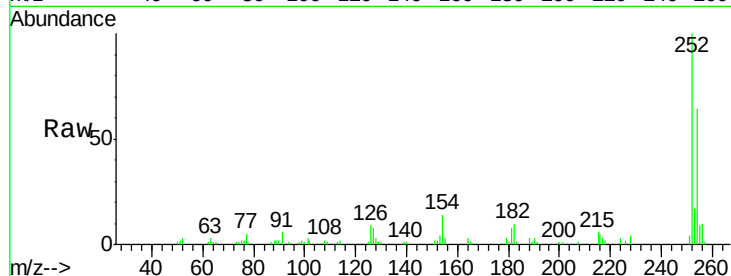
#81
 3,3'-Dichlorobenzidine
 Concen: 9.85 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	51.4	77.2
126	8.8	16.4	24.6

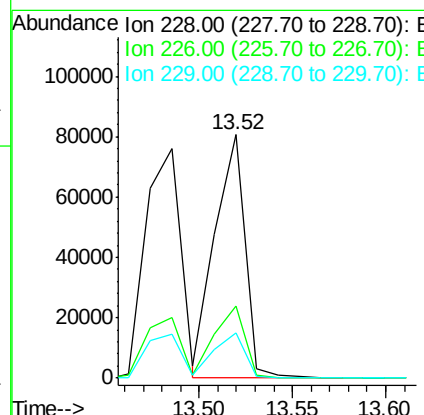
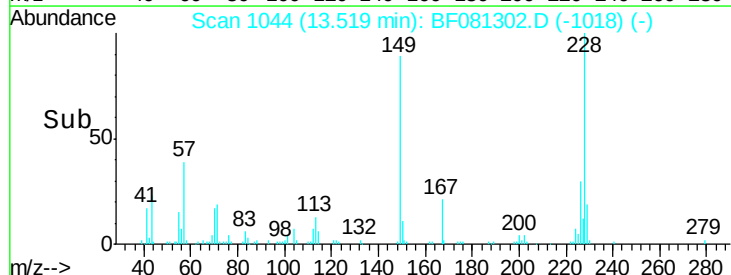
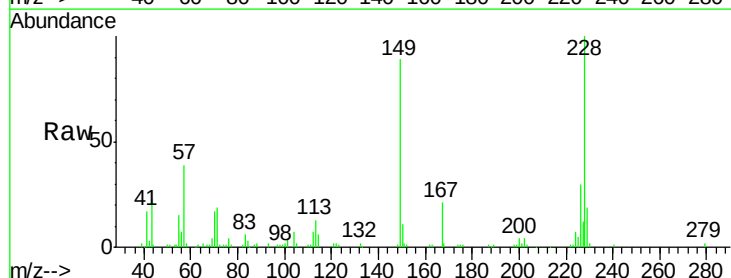
Manual Integrations
 APPROVED

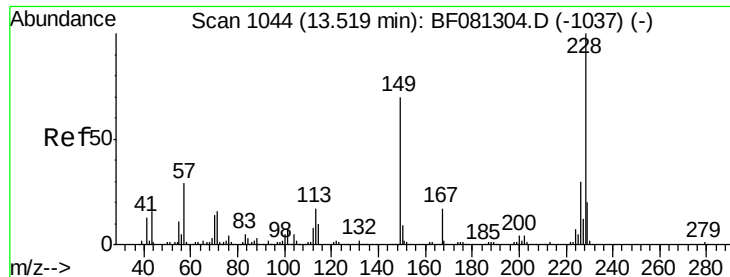
MMDadoda
 9/2/2015 2:09:52 PM



#82
 Chrysene
 Concen: 9.74 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	21.0	31.4
229	18.6	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.79 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

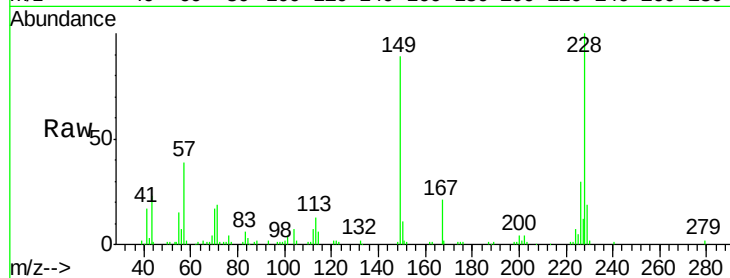
ClientSampleId :

SSTDIC010

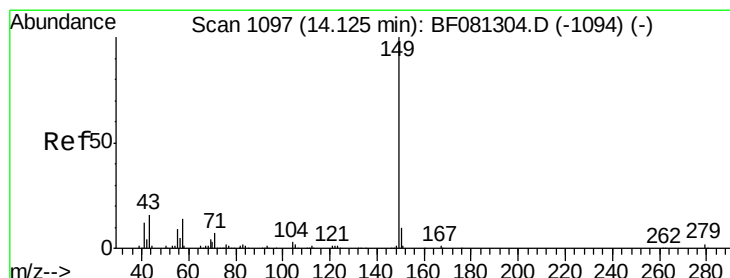
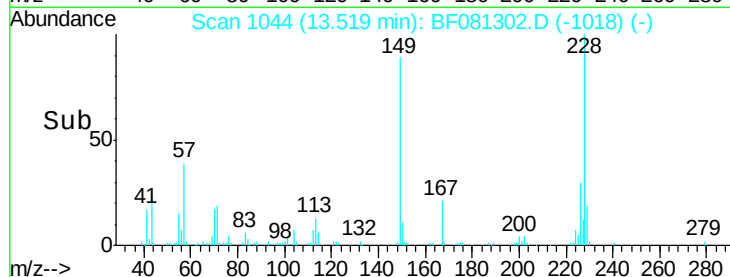
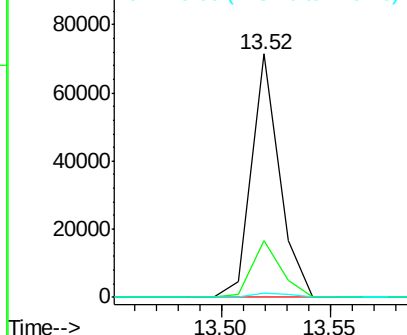
Tgt Ion:	149	Resp:	63494
Ion Ratio	Lower	Upper	
149	100		
167	23.5	24.2	36.2#
279	1.9	3.8	5.6#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



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



#84

Di-n-octyl phthalate

Concen: 9.82 ng

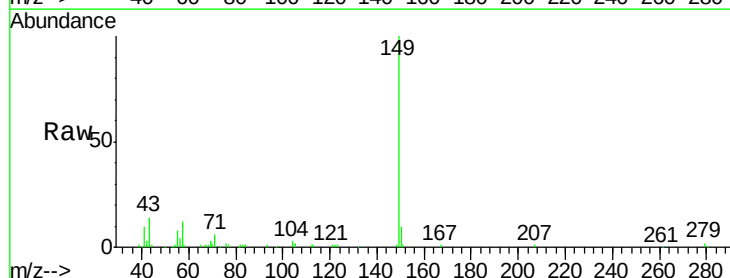
RT: 14.13 min Scan# 1097

Delta R.T. 0.00 min

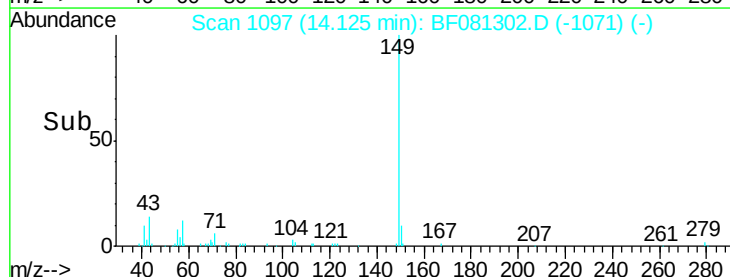
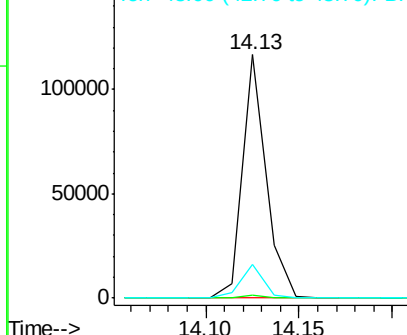
Lab File: BF081302.D

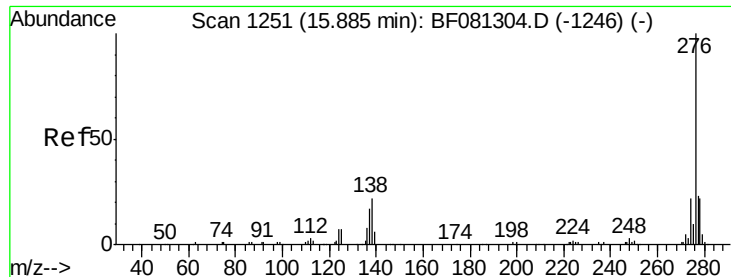
Acq: 1 Sep 2015 14:10

Tgt Ion:	149	Resp:	103150
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.0	1.6
43	13.6	10.2	15.2



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





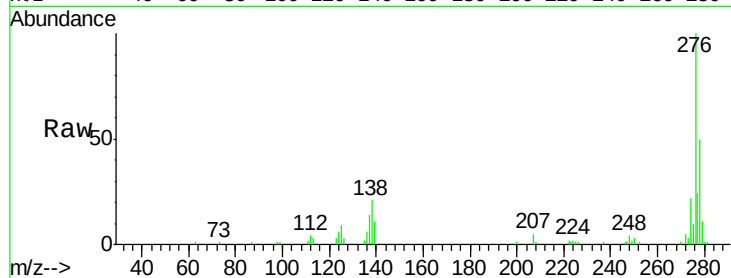
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.95 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

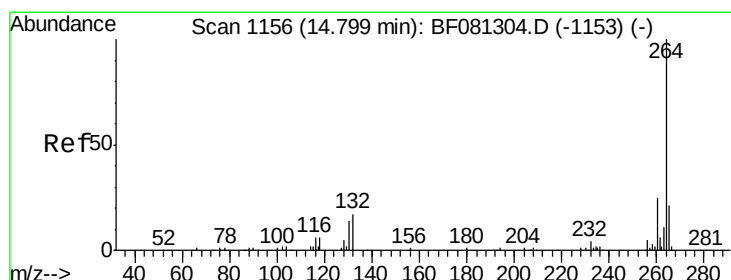
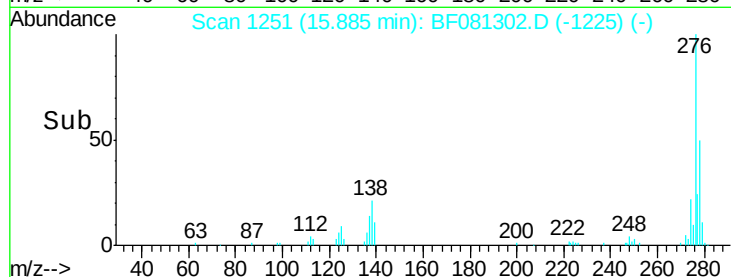
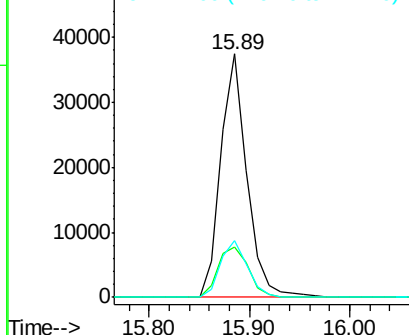
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.7	38.5#
277	23.8	15.6	23.4#

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM



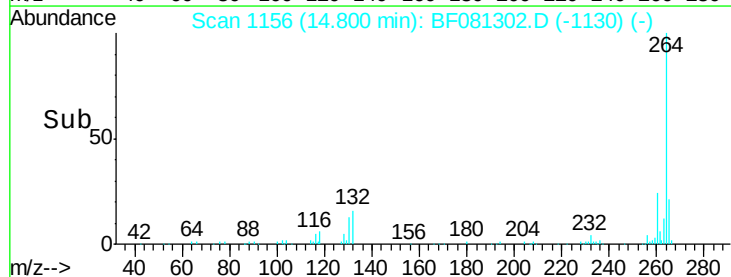
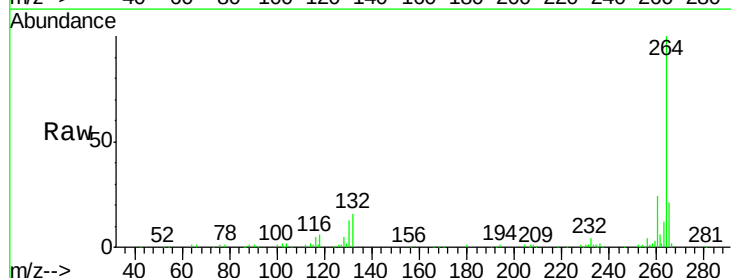
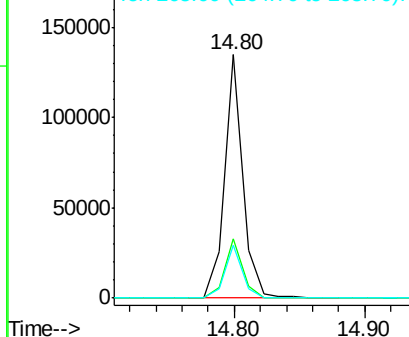
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

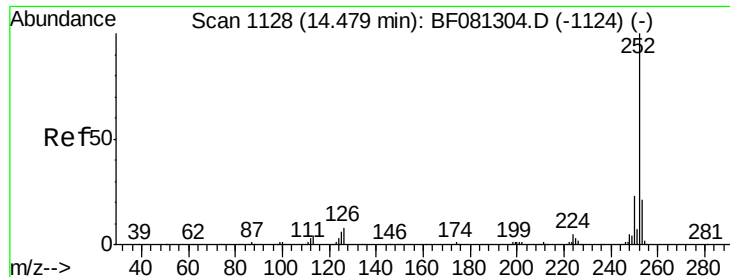


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.5	17.2	25.8

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





#87

Benzo(b)fluoranthene

Concen: 8.79 ng m

RT: 14.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

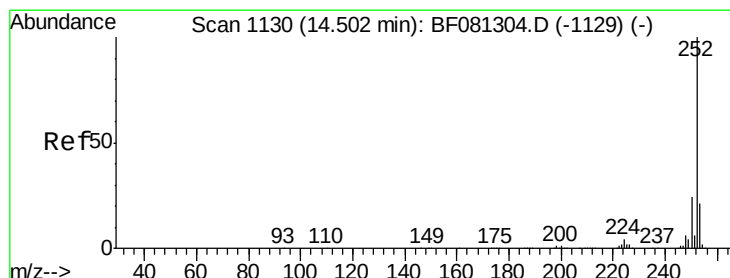
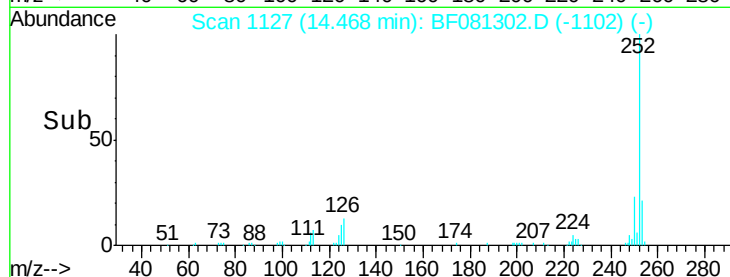
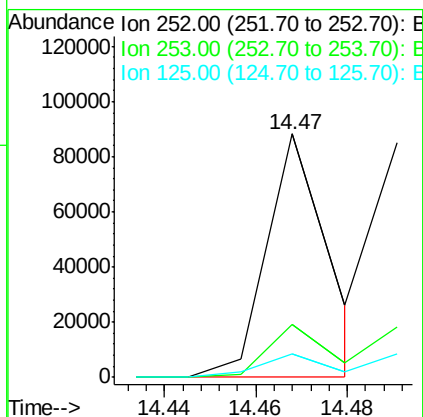
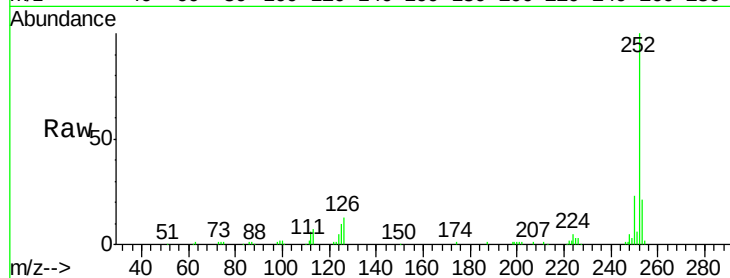
ClientSampleId :

SSTDICC010

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.8	17.1	25.7

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#88

Benzo(k)fluoranthene

Concen: 10.18 ng m

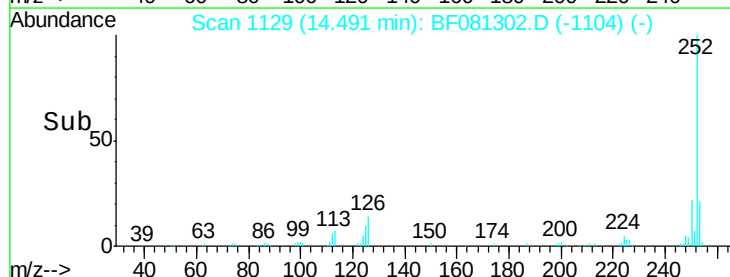
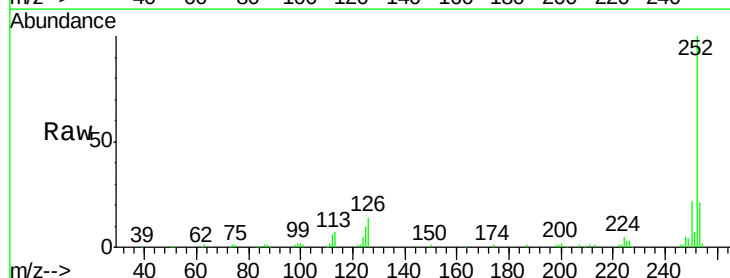
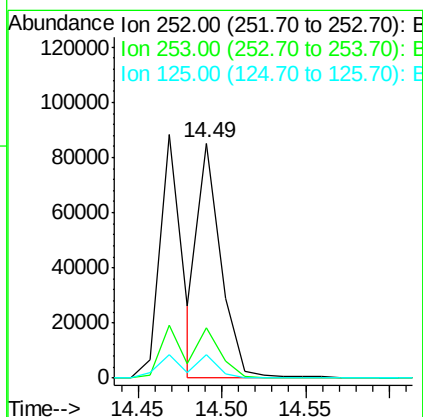
RT: 14.49 min Scan# 1129

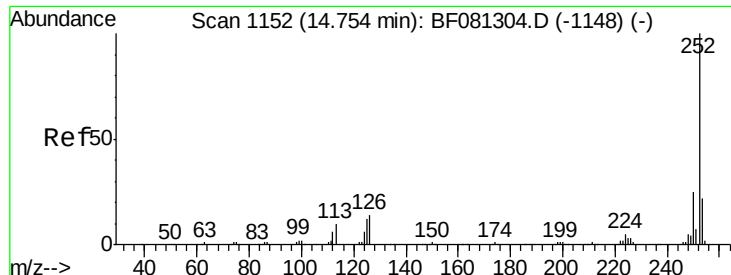
Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	9.8	16.0	24.0





#89

Benzo(a)pyrene

Concen: 9.32 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

Instrument :

BNA_F

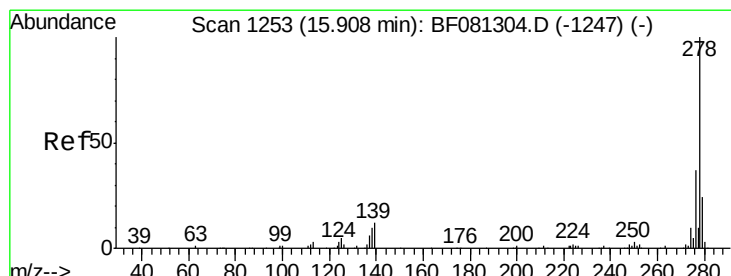
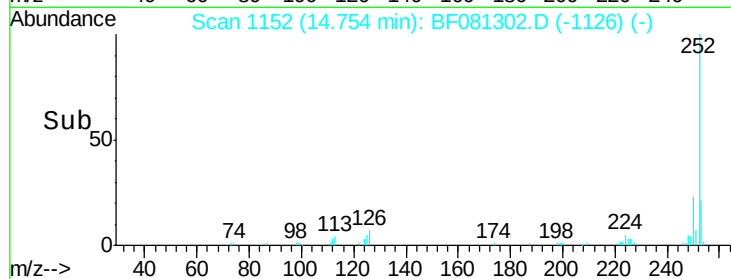
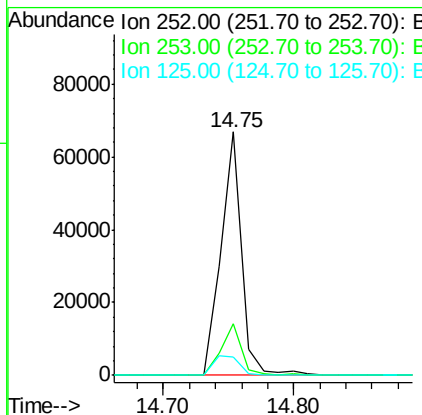
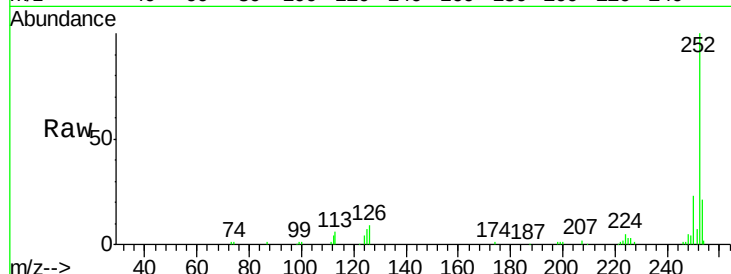
ClientSampleId :

SSTDICC010

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	7.3	18.0	27.0

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:09:52 PM



#90

Dibenzo(a,h)anthracene

Concen: 9.31 ng

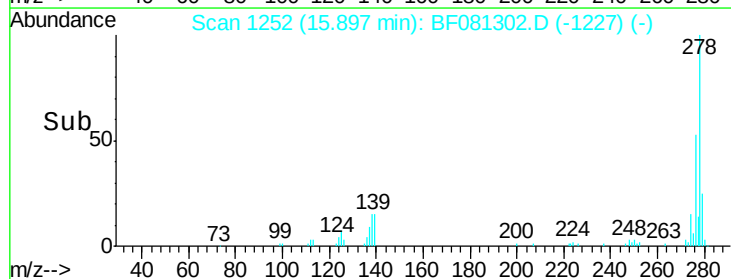
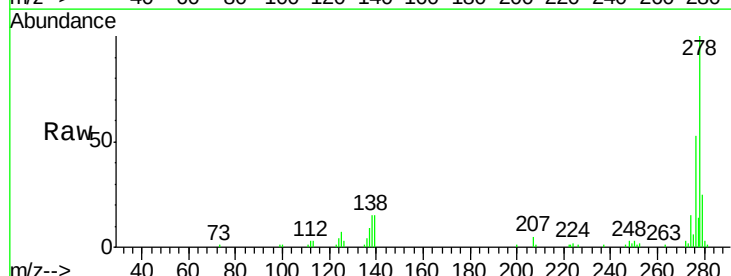
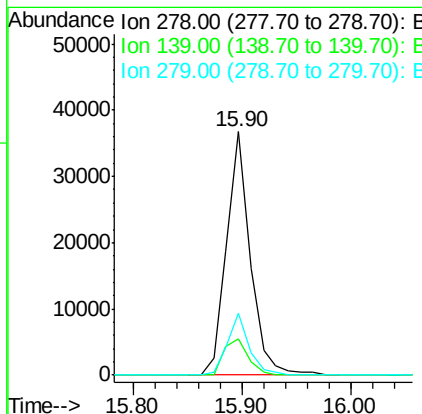
RT: 15.90 min Scan# 1252

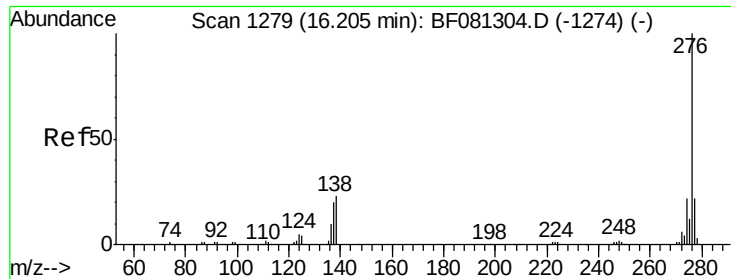
Delta R.T. -0.01 min

Lab File: BF081302.D

Acq: 1 Sep 2015 14:10

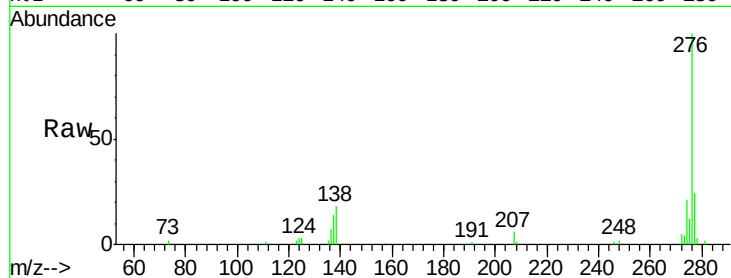
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	26.3	39.5
279	25.3	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 9.51 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF081302.D
 Acq: 1 Sep 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	17.6	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

