

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081773.D
 Acq On : 24 Sep 2015 19:56
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:28 PM

Quant Time: Sep 25 03:43:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 02:42:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	132667	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	525846	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	262122	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	483562	20.00	ng	0.00
75) Chrysene-d12	14.12	240	352705	20.00	ng	0.00
86) Perylene-d12	15.58	264	283336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	785095	92.29	ng	0.00
7) Phenol-d6	6.57	99	925298	83.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	784843	75.56	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	254285	110.38	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1389440	71.55	ng	0.00
78) Terphenyl-d14	13.06	244	1393818	91.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	191211	49.99	ng	# 100
3) Pyridine	3.36	79	535395	52.15	ng	94
4) n-Nitrosodimethylamine	3.33	42	253616	44.54	ng	97
6) Aniline	6.62	93	711665	45.31	ng	97
8) 2-Chlorophenol	6.73	128	406212	43.83	ng	94
9) Benzaldehyde	6.50	77	271196	39.52	ng	98
10) Phenol	6.58	94	498574	39.07	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	373126	40.32	ng	98
12) 1,3-Dichlorobenzene	6.89	146	490404	48.77	ng	99
13) 1,4-Dichlorobenzene	6.97	146	520306	50.64	ng	98
14) 1,2-Dichlorobenzene	7.13	146	426346m	46.64	ng	
15) Benzyl Alcohol	7.10	79	413436	46.36	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	722613	40.76	ng	100
17) 2-Methylphenol	7.20	107	359126	48.31	ng	98
18) Hexachloroethane	7.46	117	165370	42.79	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	307947	40.47	ng	95
20) 3+4-Methylphenols	7.36	107	470818	47.49	ng	# 71
22) Acetophenone	7.37	105	565537	41.34	ng	# 81
24) Nitrobenzene	7.54	77	509892	46.74	ng	94
25) Isophorone	7.78	82	889069	44.97	ng	96
26) 2-Nitrophenol	7.85	139	162975	34.72	ng	98
27) 2,4-Dimethylphenol	7.89	122	373613	45.37	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	482588	42.79	ng	99
29) 2,4-Dichlorophenol	8.09	162	376755	51.11	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	424321	53.18	ng	98
31) Naphthalene	8.26	128	1153510	42.28	ng	100
32) Benzoic acid	7.98	122	106754	21.20	ng	98
33) 4-Chloroaniline	8.31	127	486904	44.31	ng	98
34) Hexachlorobutadiene	8.38	225	237337	48.77	ng	100
35) Caprolactam	8.69	113	102849	46.35	ng	97
36) 4-Chloro-3-methylphenol	8.78	107	376294	47.03	ng	98
37) 2-Methylnaphthalene	8.95	142	779876	43.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	416028	50.74	ng	# 100
40) Hexachlorocyclopentadiene	9.11	237	206552	51.97	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081773.D
 Acq On : 24 Sep 2015 19:56
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

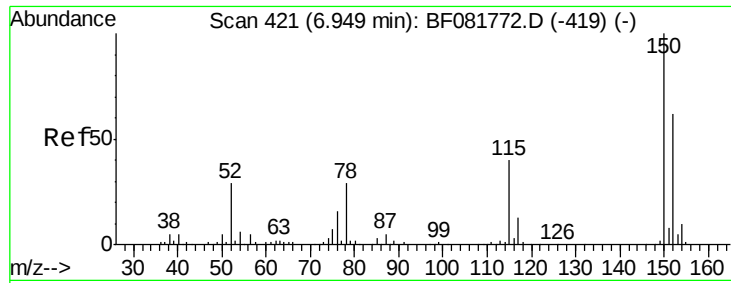
Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:28 PM

Quant Time: Sep 25 03:43:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 02:42:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	274109	48.28	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	269088	47.22	ng	97
45) 1,1'-Biphenyl	9.42	154	949643	39.74	ng	99
46) 2-Chloronaphthalene	9.44	162	724768	42.85	ng	97
47) 2-Nitroaniline	9.53	65	212561	32.24	ng	97
48) Acenaphthylene	9.86	152	1320335	43.31	ng	98
49) Dimethylphthalate	9.71	163	912588	45.67	ng	100
50) 2,6-Dinitrotoluene	9.78	165	223714	49.87	ng	# 80
51) Acenaphthene	10.03	154	789028	45.40	ng	99
52) 3-Nitroaniline	9.95	138	247748	48.87	ng	# 70
53) 2,4-Dinitrophenol	10.05	184	23545	14.16	ng	85
54) Dibenzofuran	10.21	168	1126935	44.60	ng	90
55) 4-Nitrophenol	10.09	139	152553	47.42	ng	# 84
56) 2,4-Dinitrotoluene	10.18	165	281412	49.21	ng	# 82
57) Fluorene	10.55	166	831787	44.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	217786	49.24	ng	# 100
59) Diethylphthalate	10.41	149	940669	45.32	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	407108	45.51	ng	95
61) 4-Nitroaniline	10.56	138	214195	41.08	ng	97
62) Azobenzene	10.70	77	999827	44.08	ng	97
64) 4,6-Dinitro-2-methylphenol	10.58	198	51279	21.82	ng	# 66
65) n-Nitrosodiphenylamine	10.65	169	723965	42.15	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	275790	54.75	ng	96
67) Hexachlorobenzene	11.09	284	272643	52.09	ng	97
68) Atrazine	11.18	200	216327	42.50	ng	99
69) Pentachlorophenol	11.28	266	148183	70.74	ng	99
70) Phenanthrene	11.51	178	1336901	50.19	ng	99
71) Anthracene	11.55	178	1158302	42.42	ng	99
72) Carbazole	11.71	167	1216768	47.33	ng	98
73) Di-n-butylphthalate	12.03	149	1362005	44.86	ng	99
74) Fluoranthene	12.69	202	1265764	44.07	ng	99
76) Benzidine	12.81	184	605525	40.98	ng	99
77) Pyrene	12.93	202	1356069	52.75	ng	99
79) Butylbenzylphthalate	13.53	149	562319	49.90	ng	99
80) Benzo(a)anthracene	14.10	228	1043062	47.44	ng	100
81) 3,3'-Dichlorobenzidine	14.07	252	332751	44.24	ng	99
82) Chrysene	14.15	228	1078131	52.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	686157	46.04	ng	99
84) Di-n-octyl phthalate	14.71	149	1031600	42.73	ng	# 100
85) Indeno(1,2,3-cd)pyrene	17.05	276	1012895	66.73	ng	# 100
87) Benzo(b)fluoranthene	15.16	252	831683	43.65	ng	98
88) Benzo(k)fluoranthene	15.19	252	794770m	47.07	ng	
89) Benzo(a)pyrene	15.52	252	741589	43.93	ng	# 98
90) Dibenzo(a,h)anthracene	17.08	278	819132	61.02	ng	96
91) Benzo(g,h,i)perylene	17.50	276	847912	65.06	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

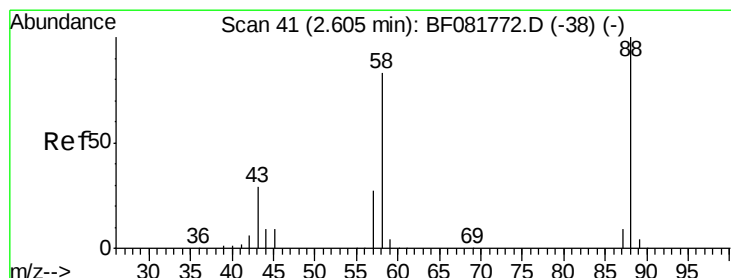
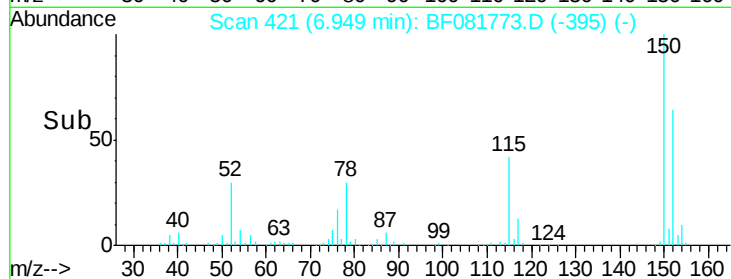
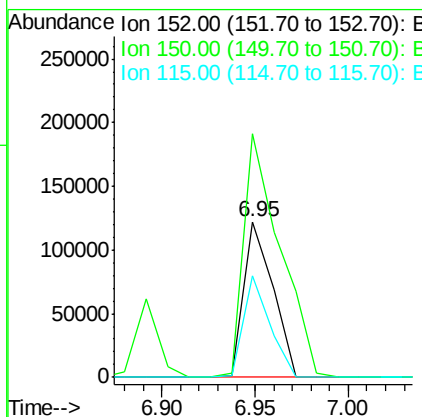
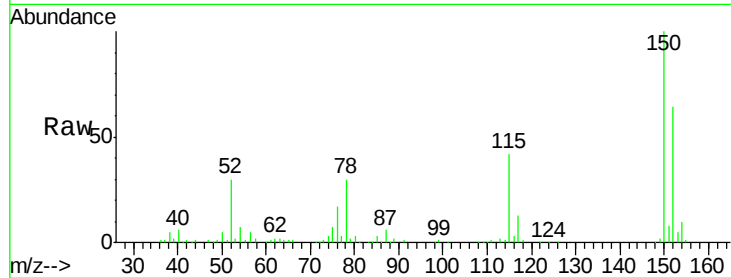
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.6	192.8
115	65.3	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#2

1,4-Dioxane

Concen: 49.99 ng

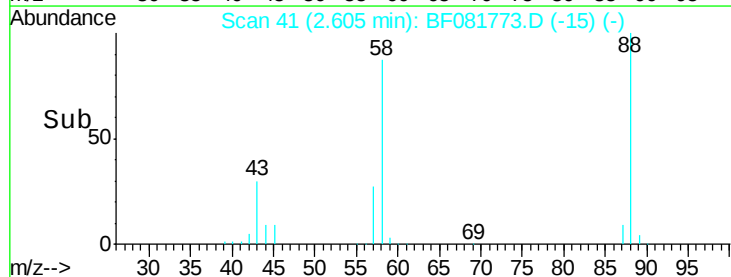
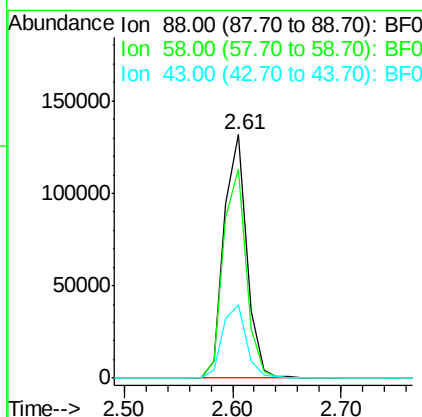
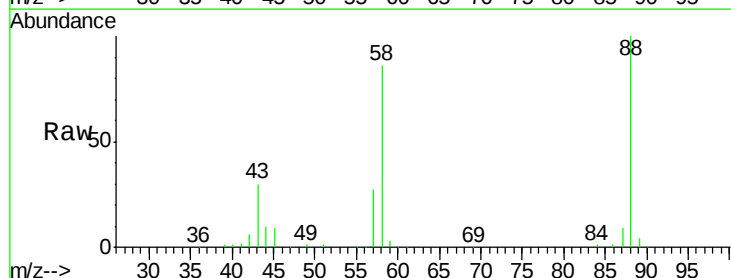
RT: 2.61 min Scan# 41

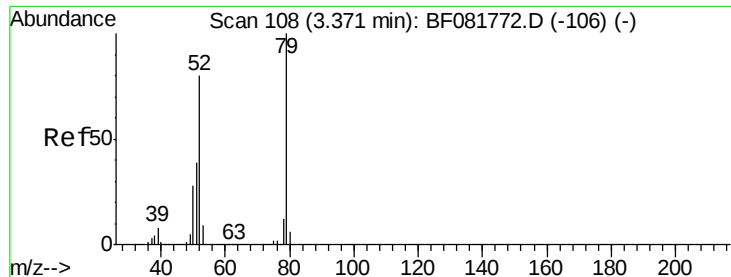
Delta R.T. -0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	0.0	0.0#
43	32.1	0.0	0.0#





#3

Pyridine

Concen: 52.15 ng

RT: 3.36 min Scan# 107

Delta R.T. -0.01 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

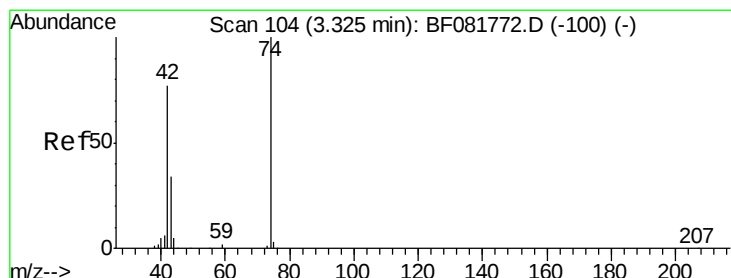
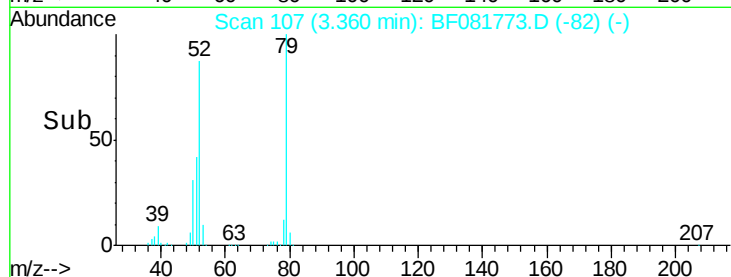
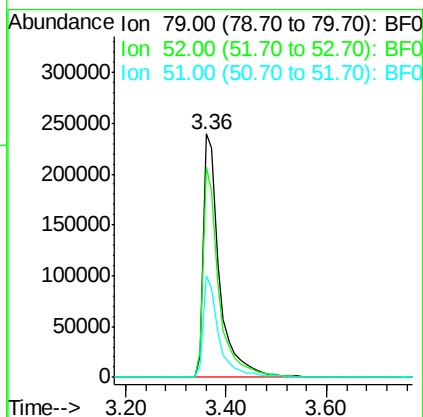
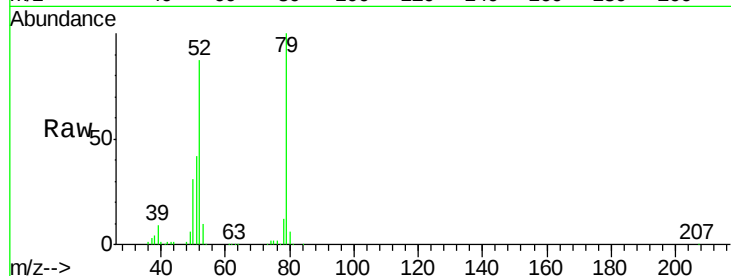
ClientSampleId :

SSTDIC050

Tgt Ion:	79	Resp:	535395
Ion	Ratio	Lower	Upper
79	100		
52	86.5	64.3	96.5
51	41.8	31.5	47.3

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#4

n-Nitrosodimethylamine

Concen: 44.54 ng

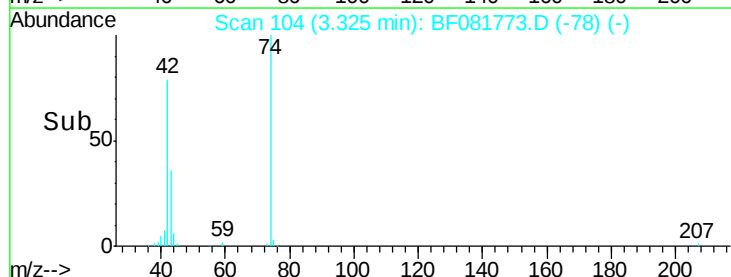
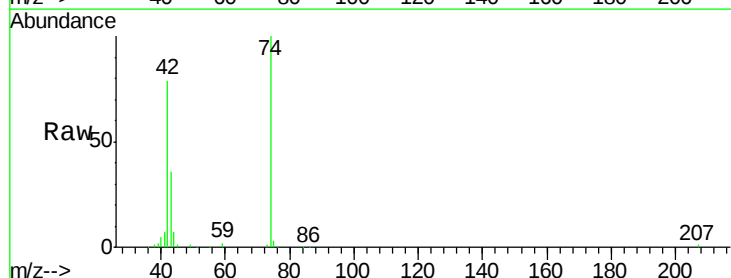
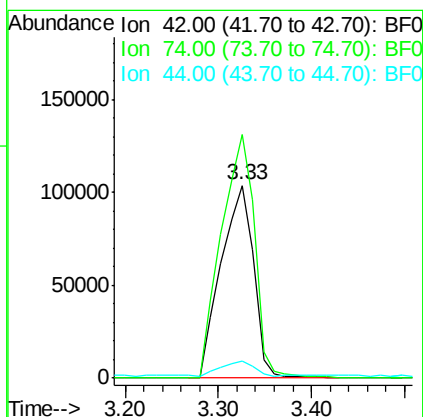
RT: 3.33 min Scan# 104

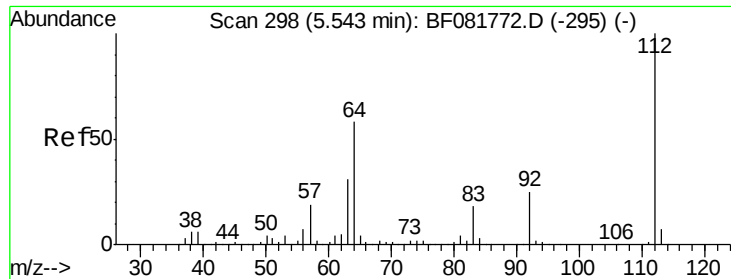
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	42	Resp:	253616
Ion	Ratio	Lower	Upper
42	100		
74	126.4	104.0	156.0
44	8.8	6.8	10.2





#5

2-Fluorophenol

Concen: 92.29 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

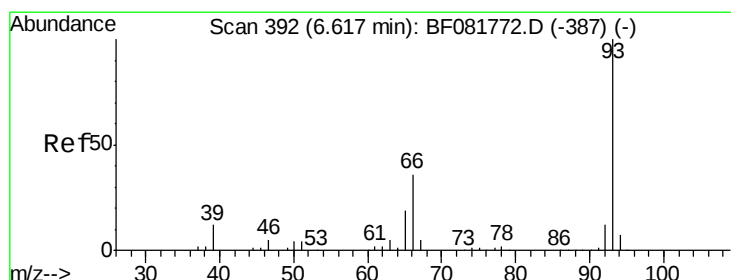
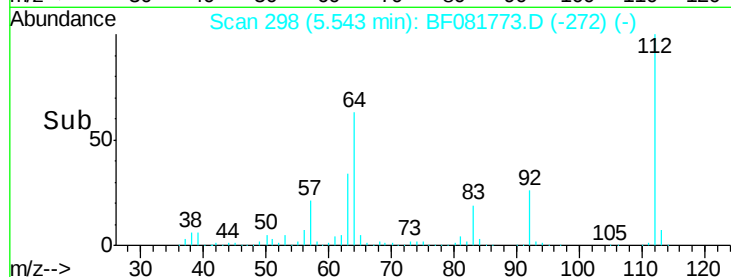
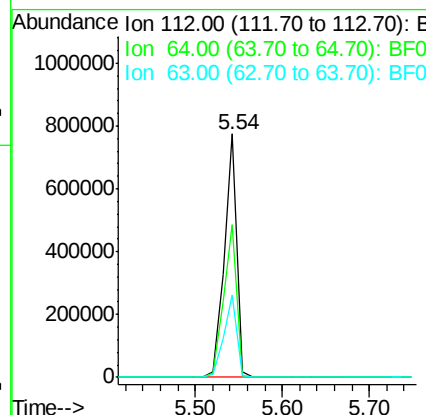
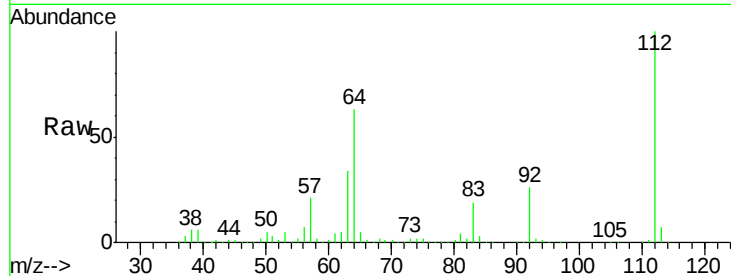
ClientSampleId :

SSTDICC050

Tgt Ion:	112	Resp:	785095
Ion Ratio	Lower	Upper	
112	100		
64	62.8	46.2	69.4
63	33.6	25.0	37.4

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#6

Aniline

Concen: 45.31 ng

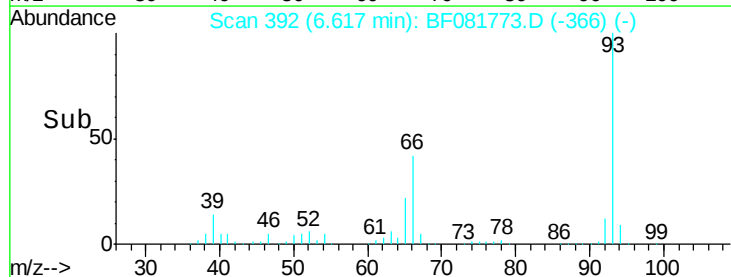
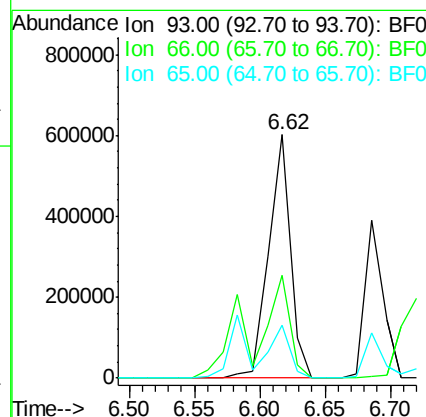
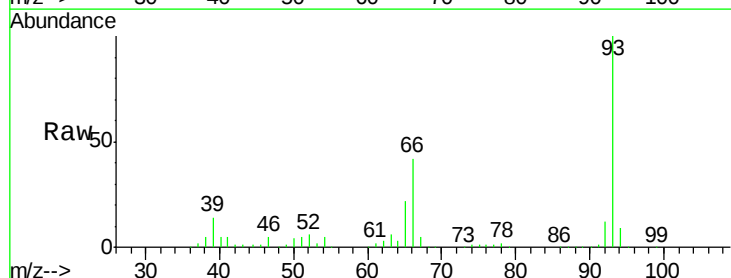
RT: 6.62 min Scan# 392

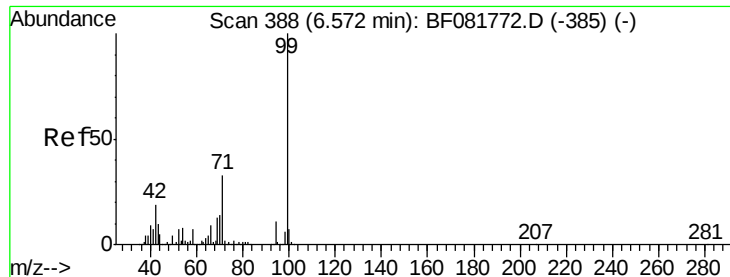
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	93	Resp:	711665
Ion Ratio	Lower	Upper	
93	100		
66	42.4	32.3	48.5
65	21.6	16.2	24.4





#7

Phenol-d6

Concen: 83.76 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

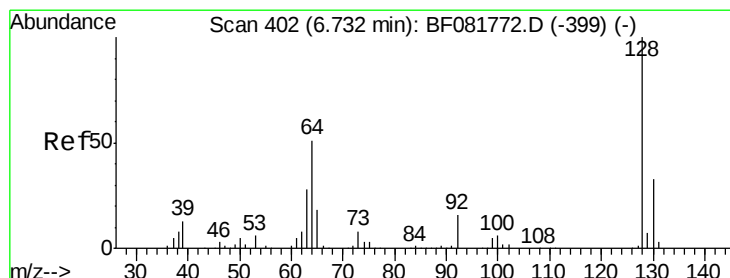
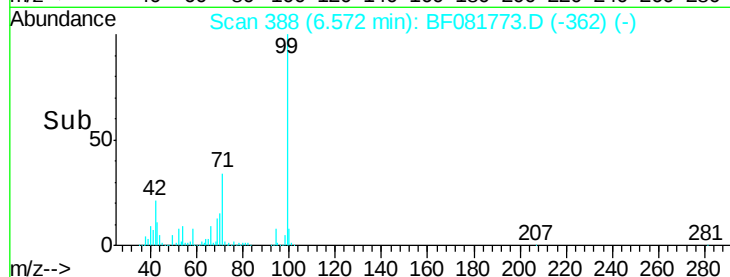
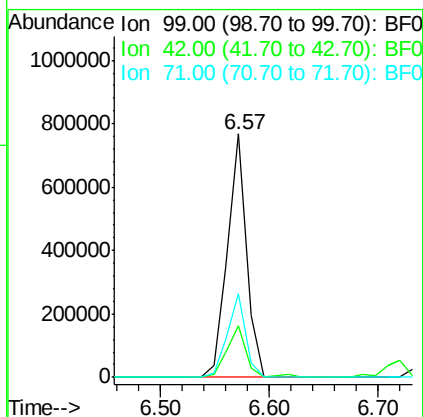
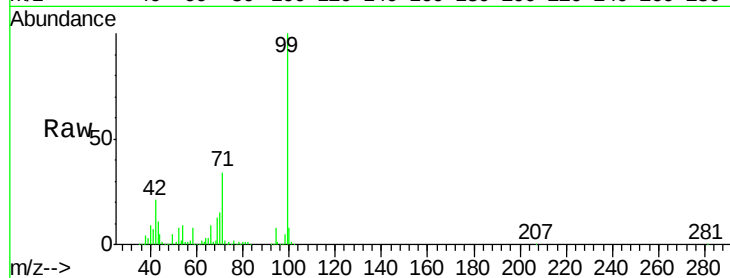
ClientSampleId :

SSTDIC050

Tgt Ion:	99	Resp:	925298
Ion Ratio	Lower	Upper	
99	100		
42	21.1	15.6	23.4
71	34.3	26.1	39.1

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#8

2-Chlorophenol

Concen: 43.83 ng

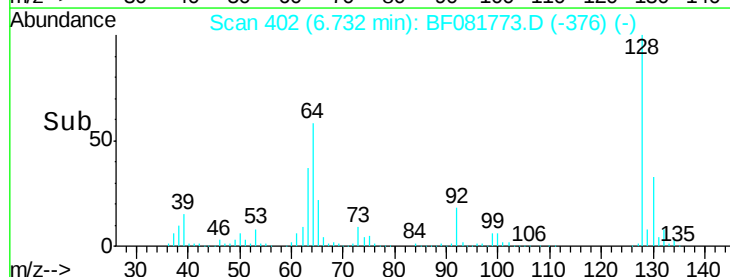
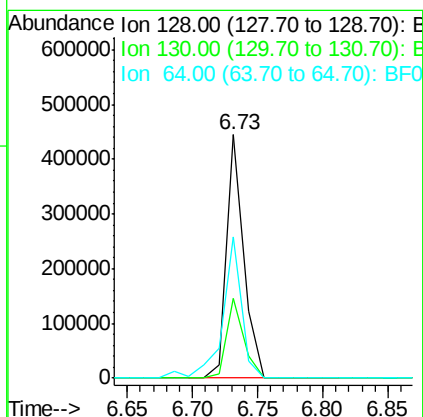
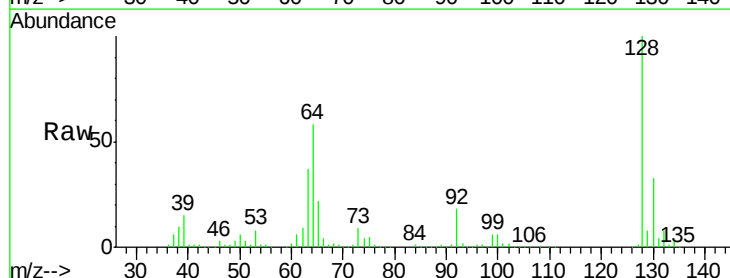
RT: 6.73 min Scan# 402

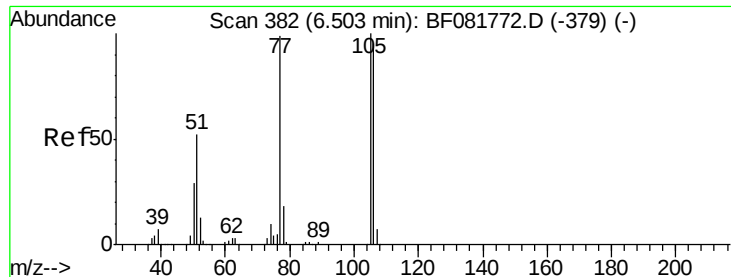
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	128	Resp:	406212
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.8	52.8
64	57.9	31.4	71.4





#9

Benzaldehyde

Concen: 39.52 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

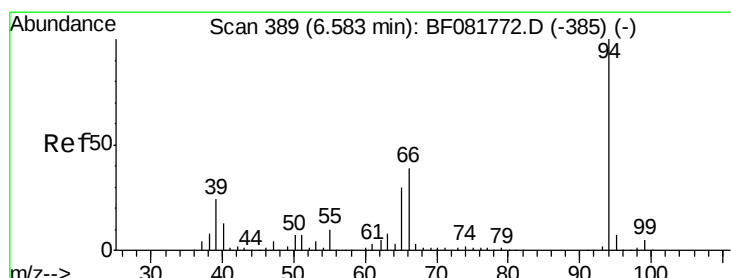
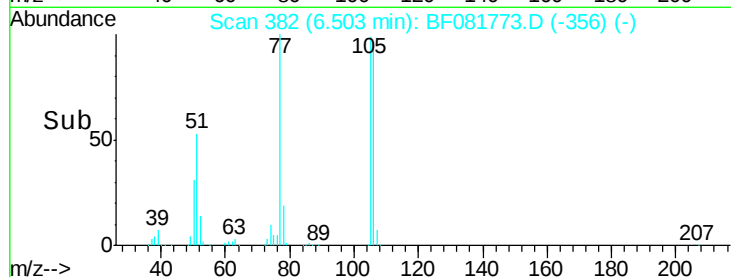
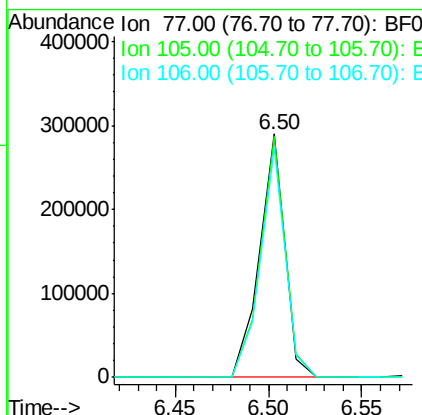
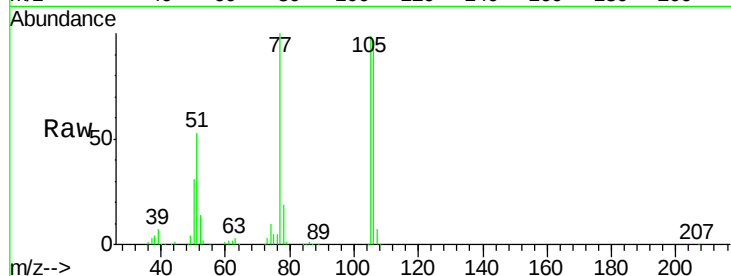
ClientSampleId :

SSTDIC050

Tgt Ion:	77	Resp:	271196
Ion	Ratio	Lower	Upper
77	100		
105	99.1	81.4	121.4
106	94.4	76.6	116.6

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#10

Phenol

Concen: 39.07 ng

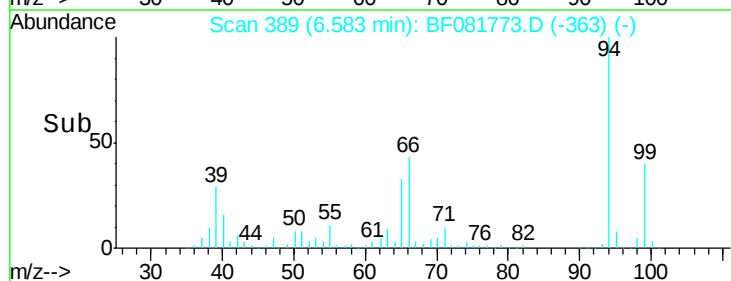
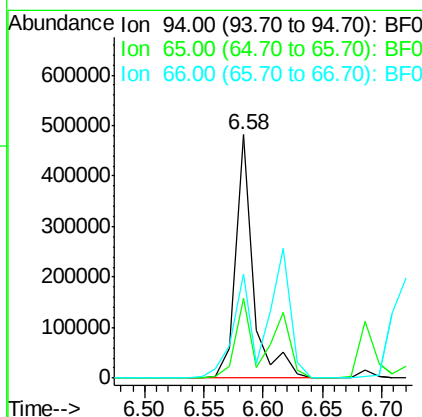
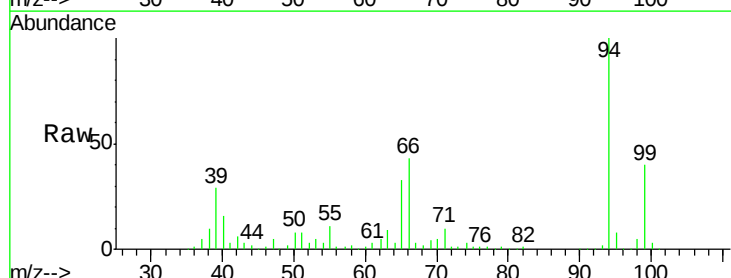
RT: 6.58 min Scan# 389

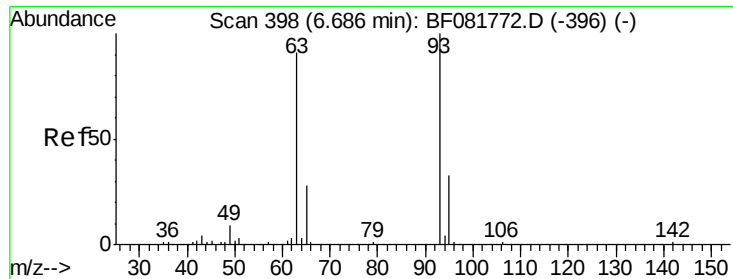
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	94	Resp:	498574
Ion	Ratio	Lower	Upper
94	100		
65	32.6	10.4	50.4
66	42.9	19.4	59.4





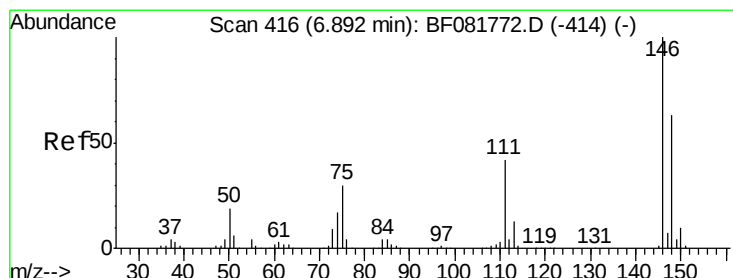
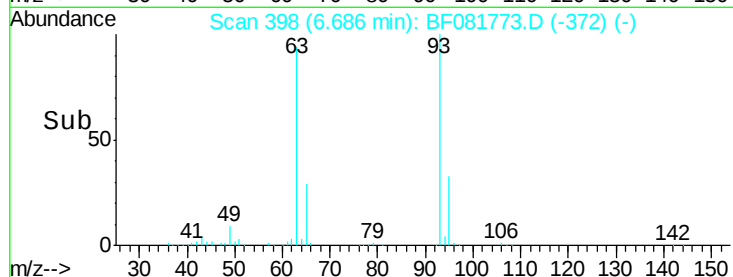
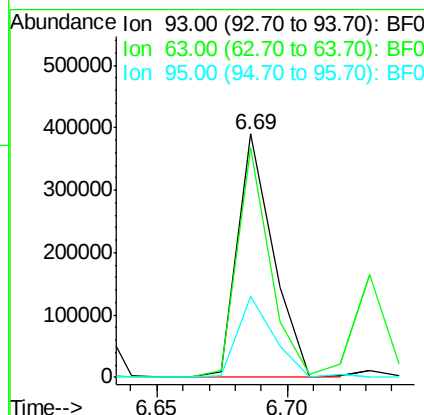
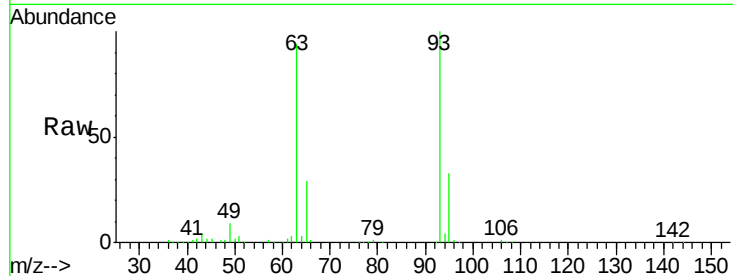
#11
bis(2-Chloroethyl)ether
Concen: 40.32 ng
RT: 6.69 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
93	100		
63	94.2	71.3	111.3
95	33.0	13.1	53.1

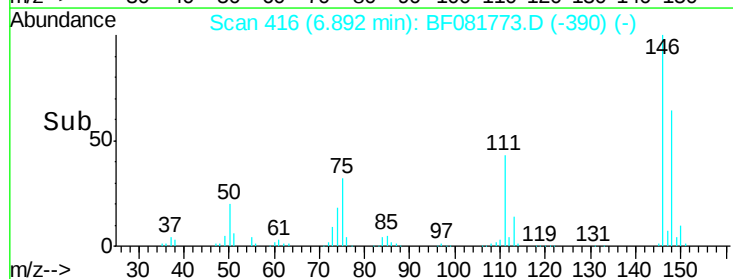
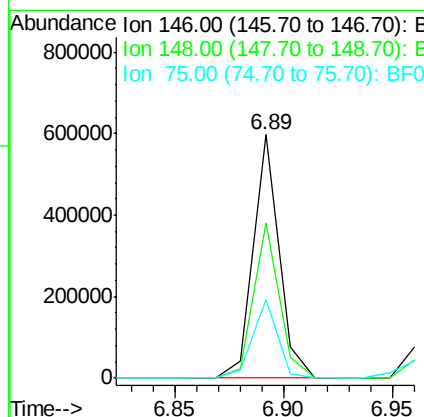
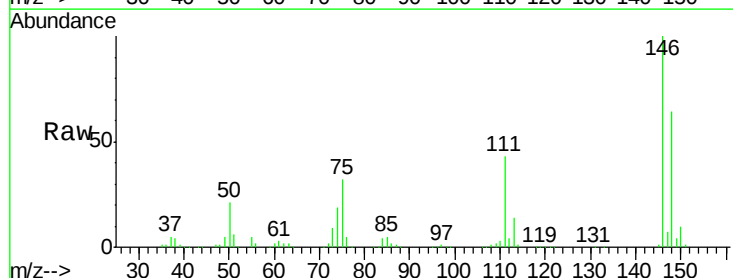
Manual Integrations
APPROVED

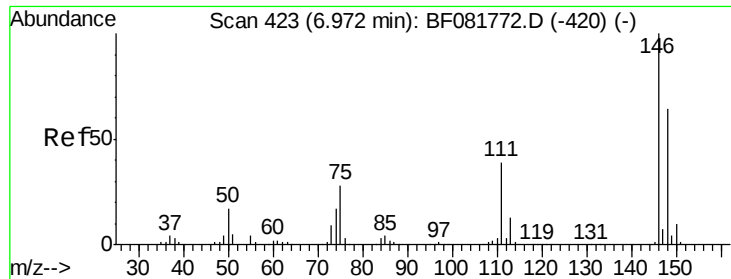
MMDadoda
9/25/2015 3:36:28 PM



#12
1,3-Dichlorobenzene
Concen: 48.77 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
75	32.2	24.3	36.5





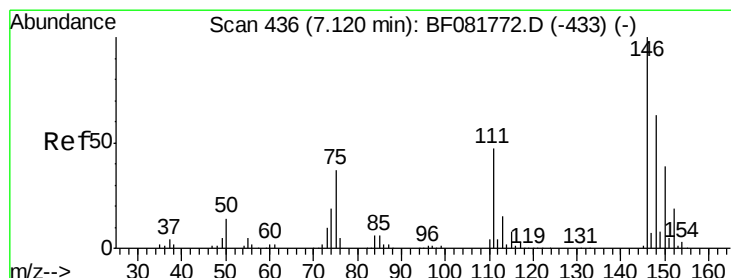
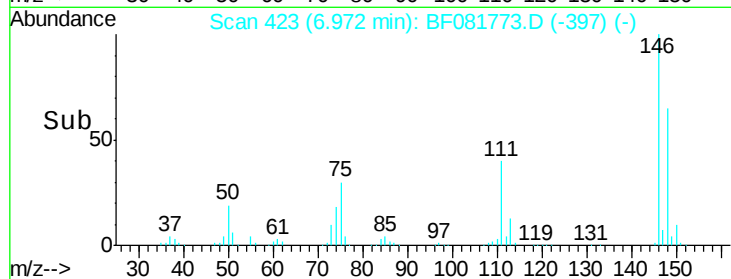
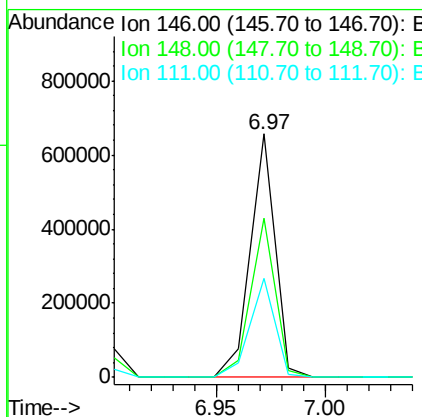
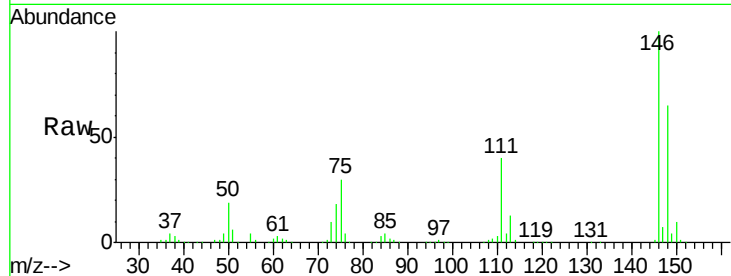
#13
 1,4-Dichlorobenzene
 Concen: 50.64 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
111	40.5	31.3	46.9

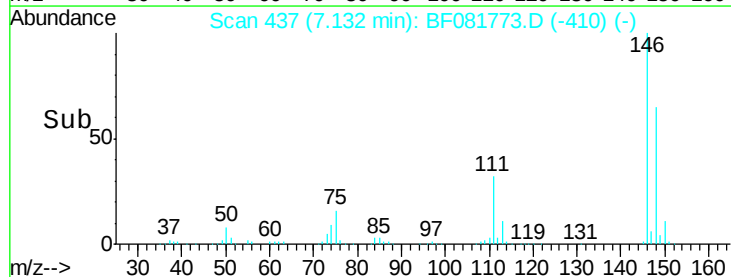
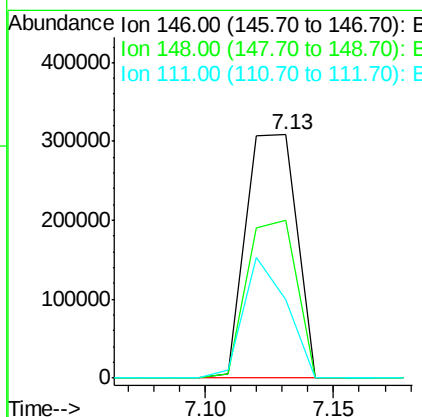
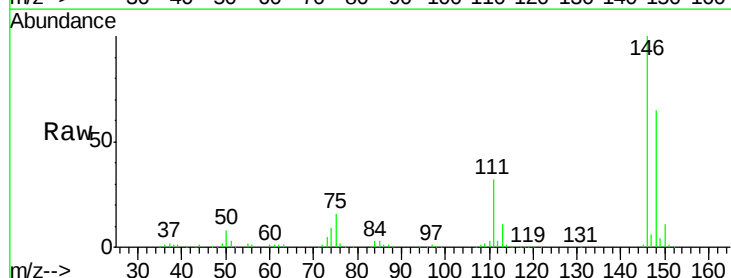
Manual Integrations
 APPROVED

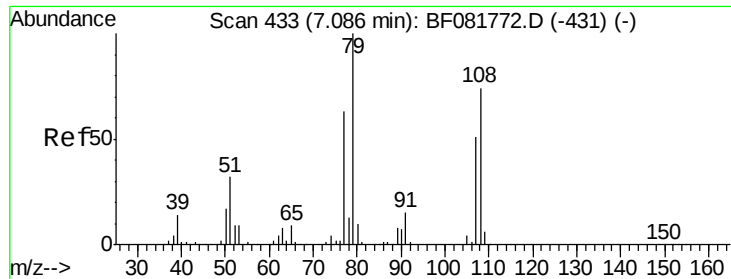
MMDadoda
 9/25/2015 3:36:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.64 ng m
 RT: 7.13 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	32.3	37.4	56.2#





#15

Benzyl Alcohol

Concen: 46.36 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 413436
Ion Ratio Lower Upper

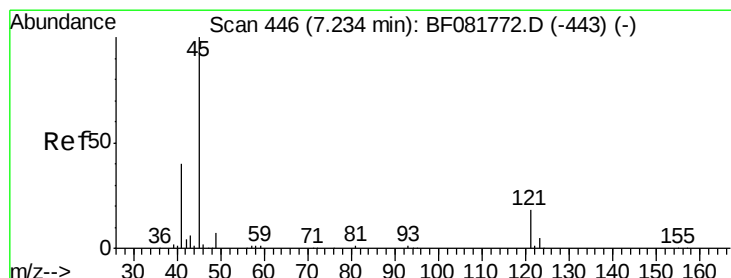
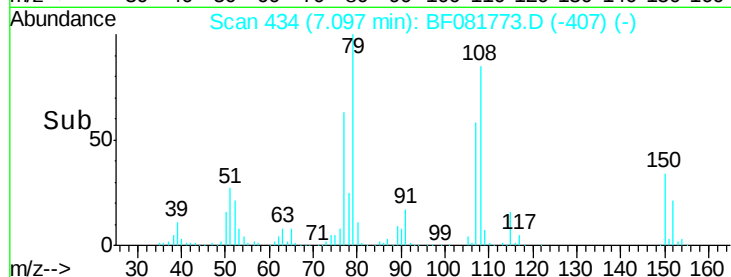
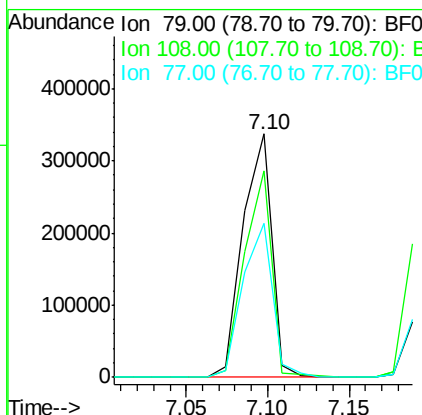
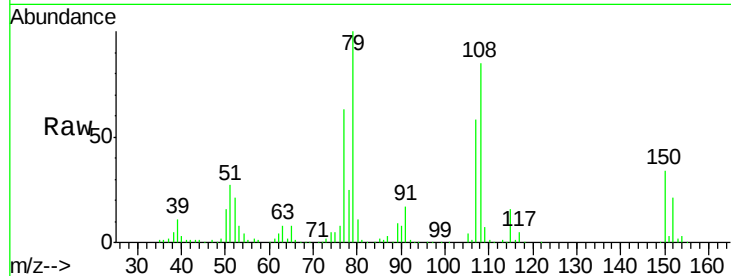
79 100

108 84.8 59.4 89.2

77 63.5 50.8 76.2

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.76 ng

RT: 7.23 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF081773.D

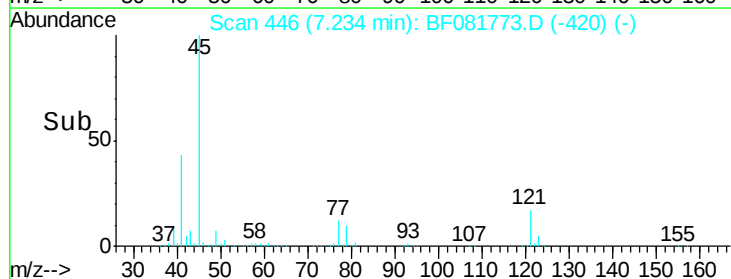
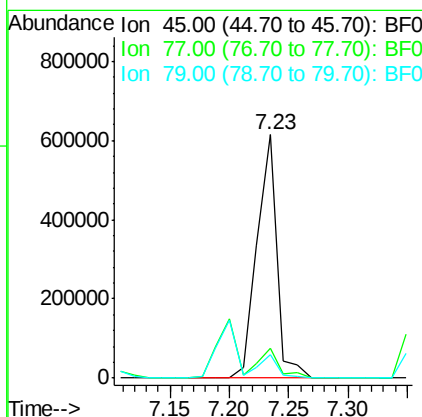
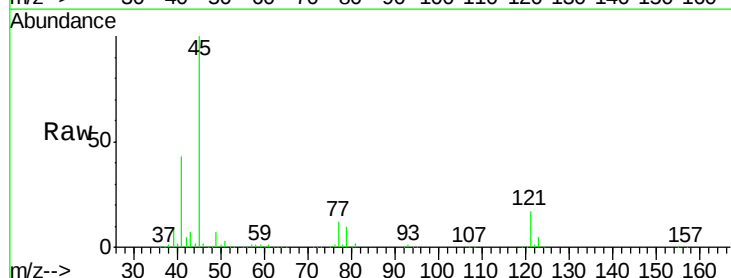
Acq: 24 Sep 2015 19:56

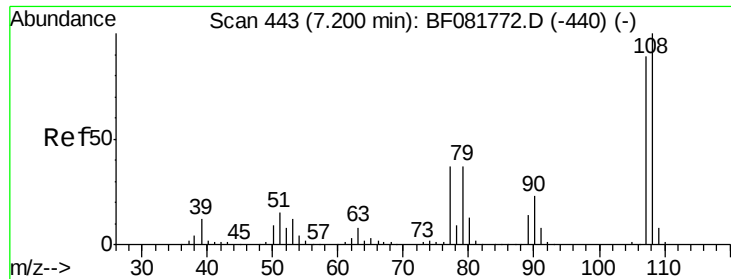
Tgt Ion: 45 Resp: 722613
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.3

79 9.8 0.0 29.7





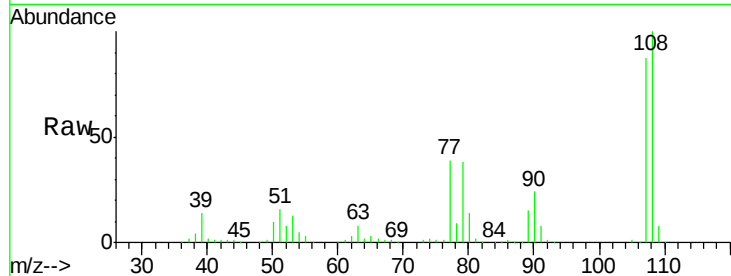
#17
 2-Methylphenol
 Concen: 48.31 ng
 RT: 7.20 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

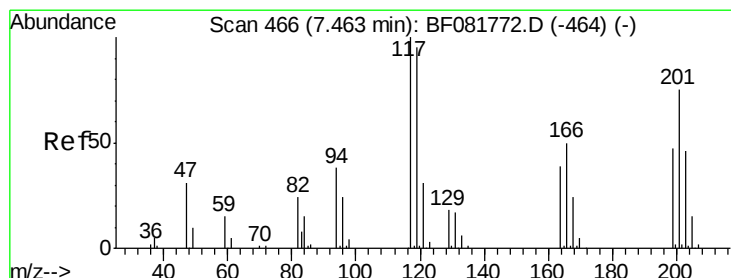
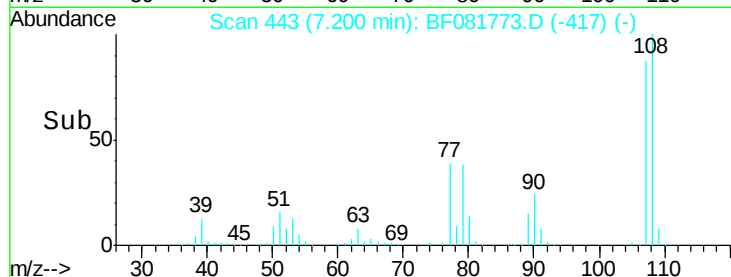
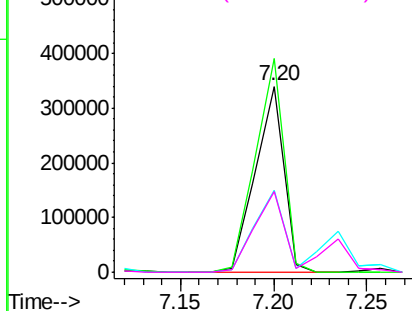
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		359126		
108	114.7	90.3	135.5		
77	44.3	33.5	50.3		
79	43.4	33.1	49.7		

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:28 PM

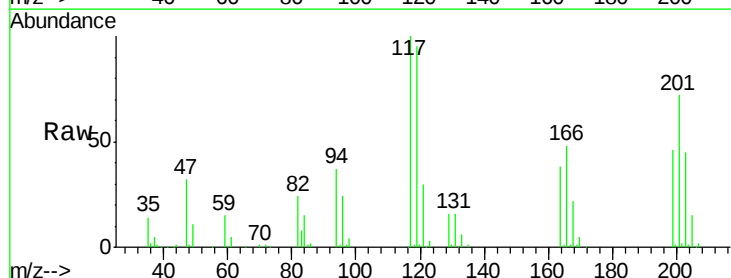


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

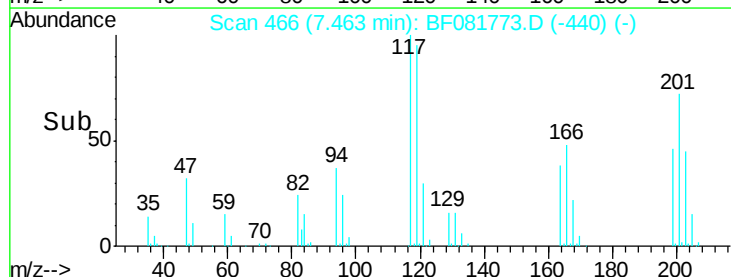
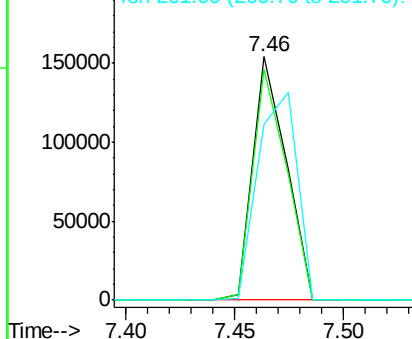


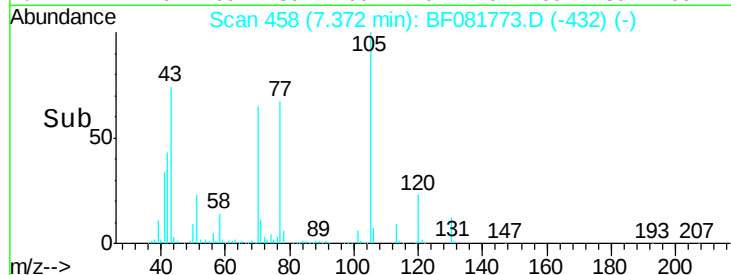
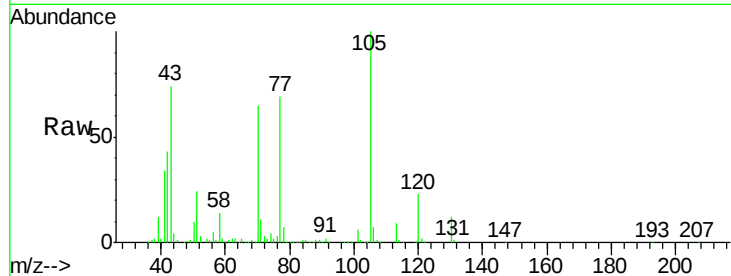
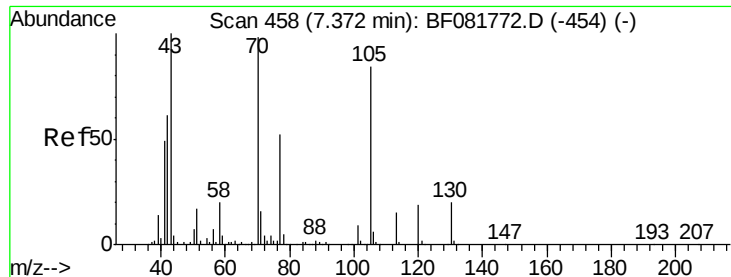
#18
 Hexachloroethane
 Concen: 42.79 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		165370		
119	94.6	75.9	113.9		
201	72.0	60.3	90.5		



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





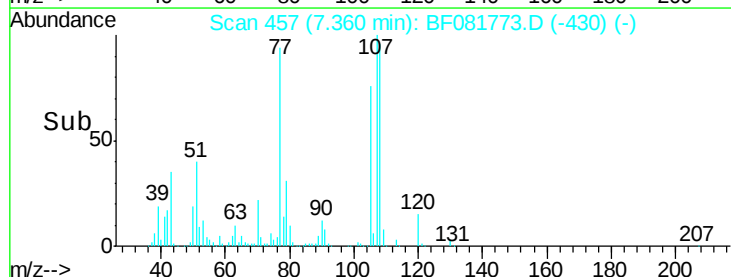
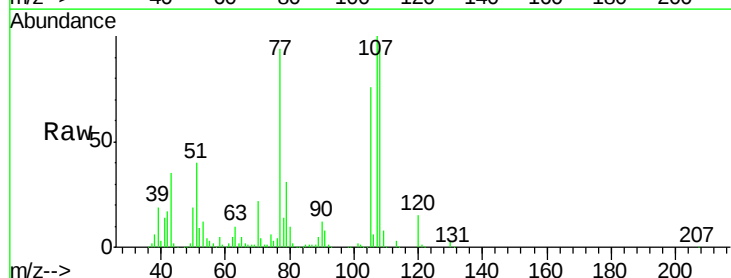
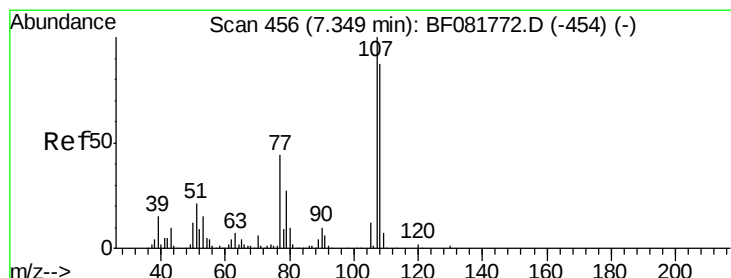
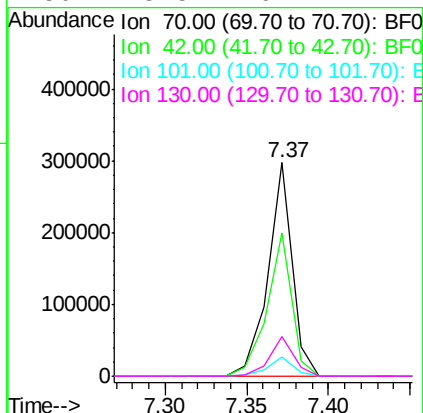
#19
n-Nitroso-di-n-propylamine
Concen: 40.47 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Manual Integrations
APPROVED

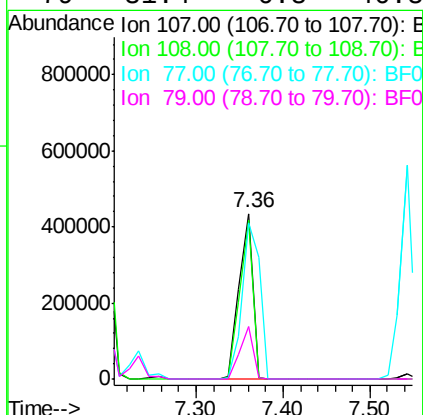
MMDadoda
9/25/2015 3:36:28 PM

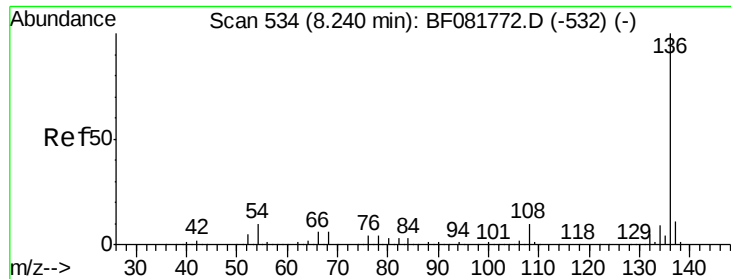
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.0	49.8	74.8
101	9.1	7.5	11.3
130	18.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 47.49 ng
RT: 7.36 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.9	66.8	106.8
77	94.1	23.6	63.6#
79	31.4	6.8	46.8





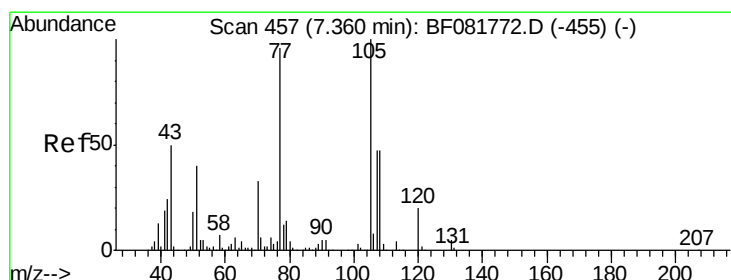
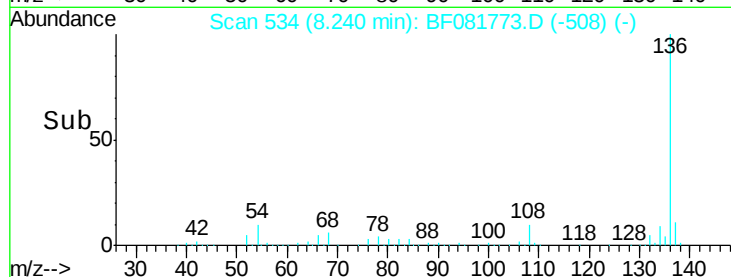
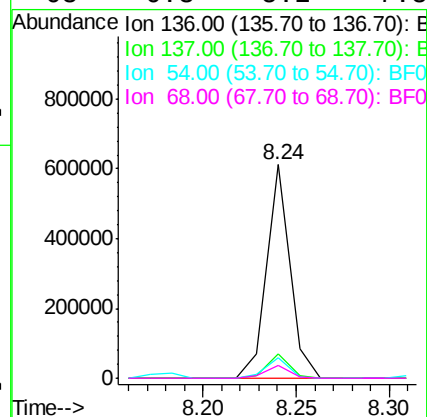
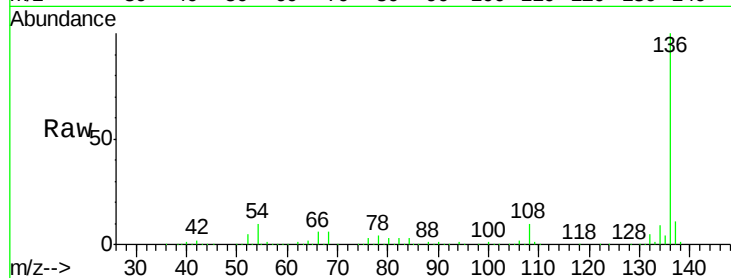
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	525846		
137	11.2	8.9	13.3	
54	9.7	7.8	11.6	
68	6.3	5.2	7.8	

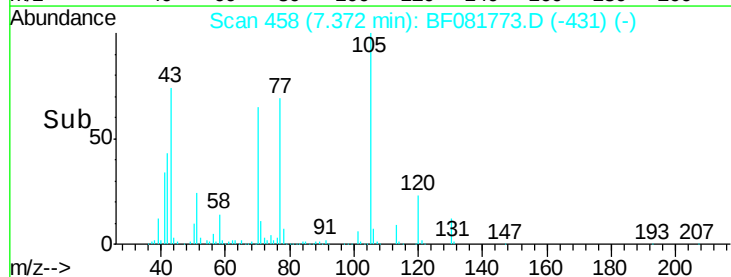
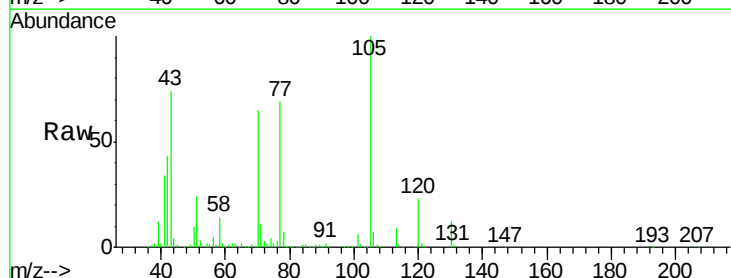
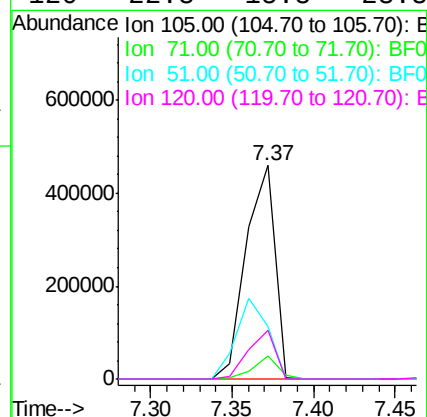
Manual Integrations
APPROVED

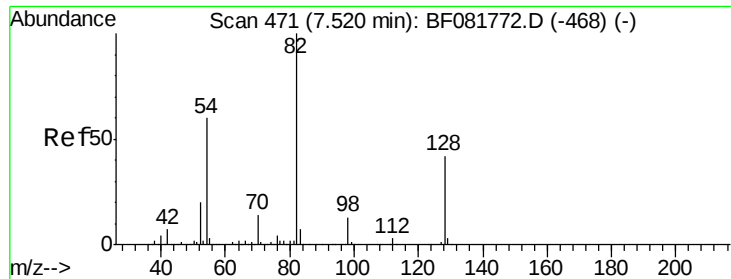
MMDadoda
9/25/2015 3:36:28 PM



#22
Acetophenone
Concen: 41.34 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	565537		
71	11.0	4.5	6.7#	
51	24.4	32.3	48.5#	
120	22.8	15.8	23.8	





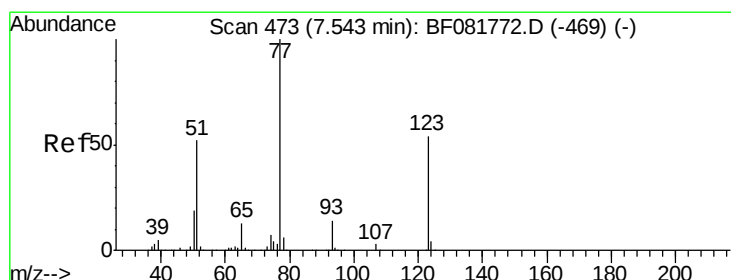
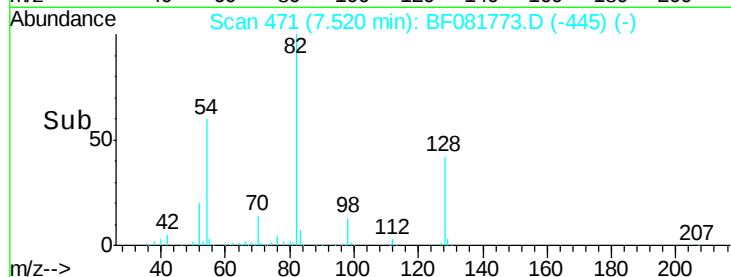
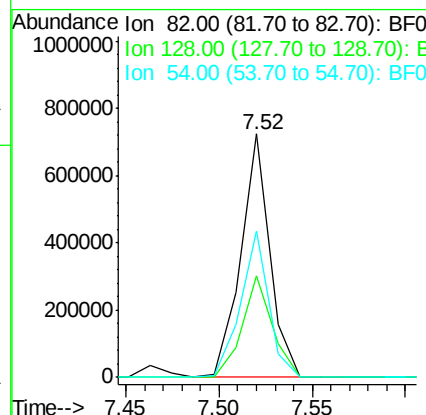
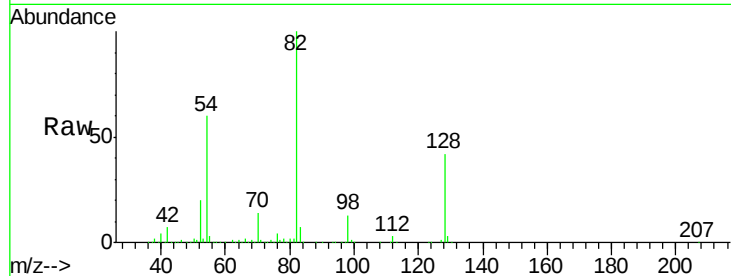
#23
 Nitrobenzene-d5
 Concen: 75.56 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.8	50.8
54	60.3	47.9	71.9

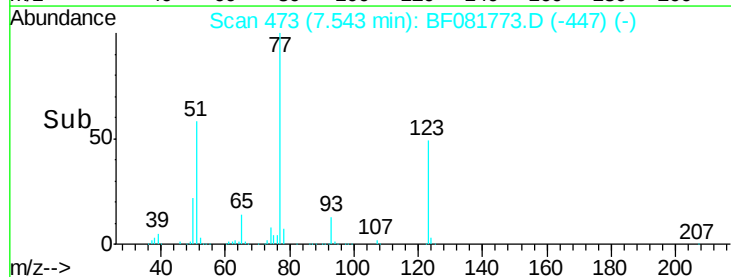
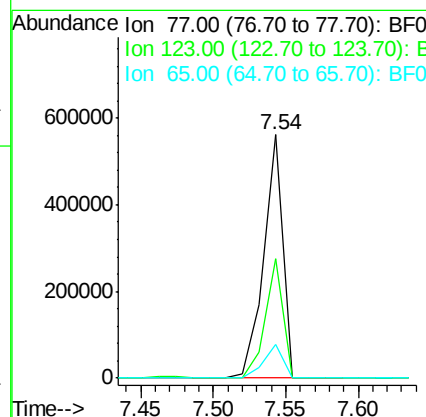
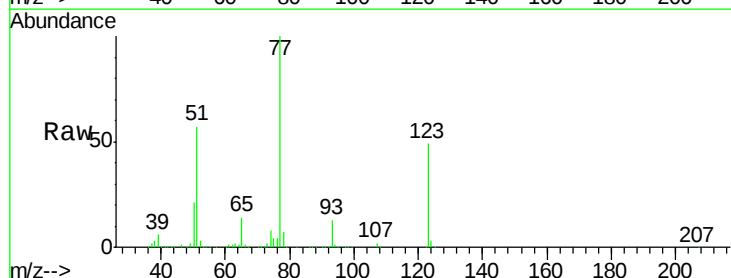
Manual Integrations
 APPROVED

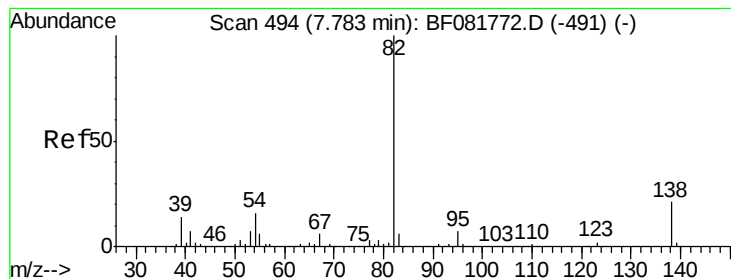
MMDadoda
 9/25/2015 3:36:28 PM



#24
 Nitrobenzene
 Concen: 46.74 ng
 RT: 7.54 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	43.4	65.0
65	13.9	10.6	15.8





#25

Isophorone

Concen: 44.97 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 889069
Ion Ratio Lower Upper

82 100

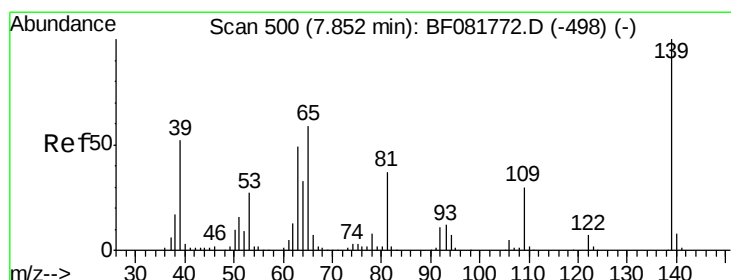
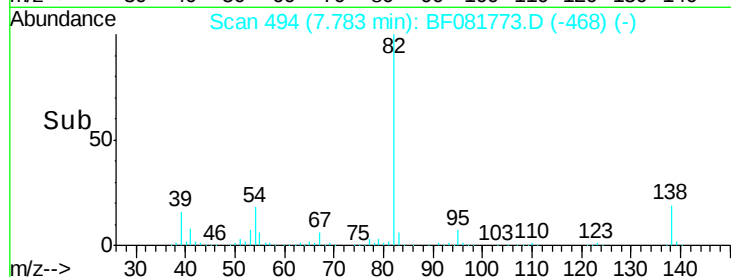
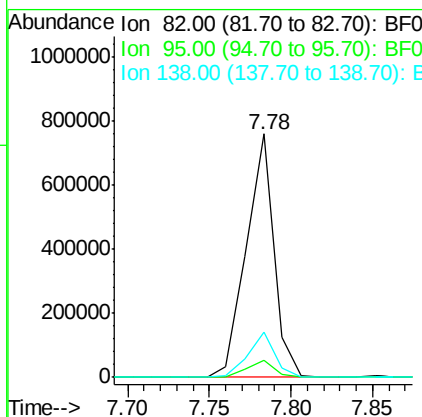
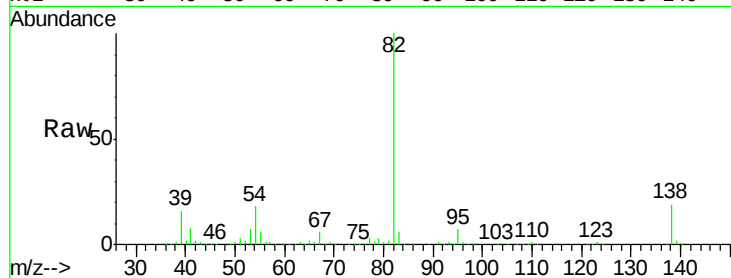
95 7.0 5.6 8.4

138 18.6 16.9 25.3

Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:36:28 PM



#26

2-Nitrophenol

Concen: 34.72 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF081773.D

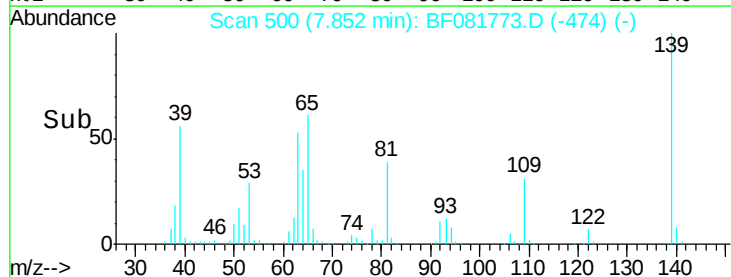
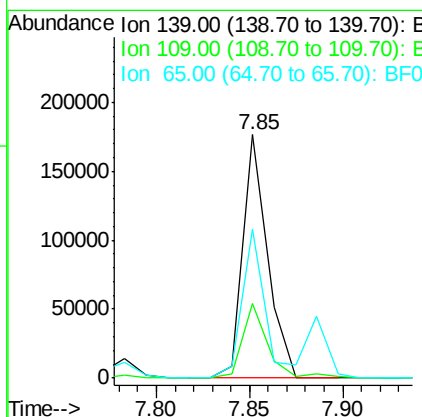
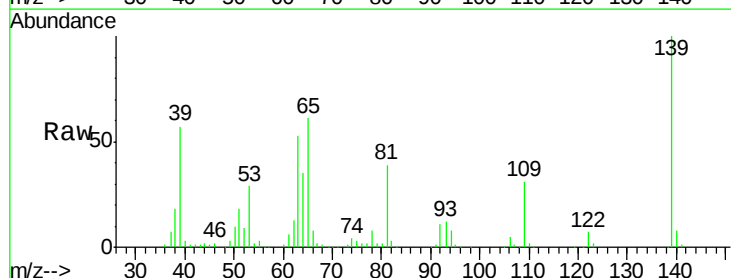
Acq: 24 Sep 2015 19:56

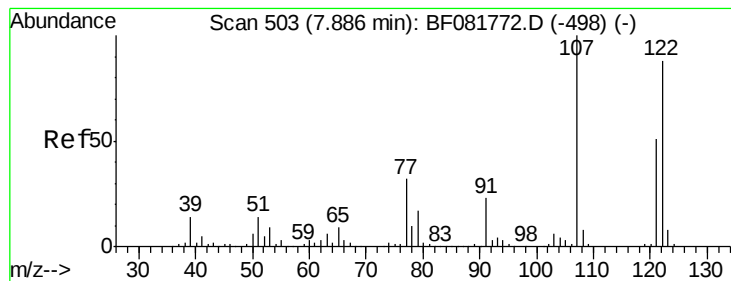
Tgt Ion: 139 Resp: 162975
Ion Ratio Lower Upper

139 100

109 30.7 23.8 35.6

65 61.0 47.4 71.0





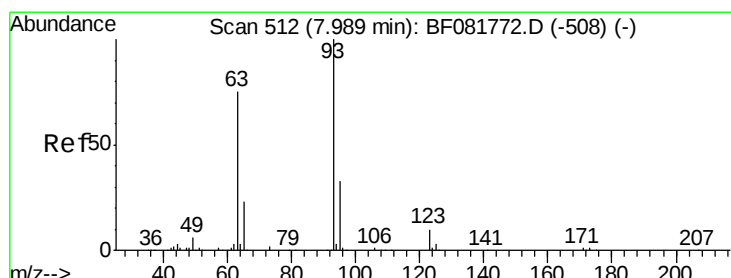
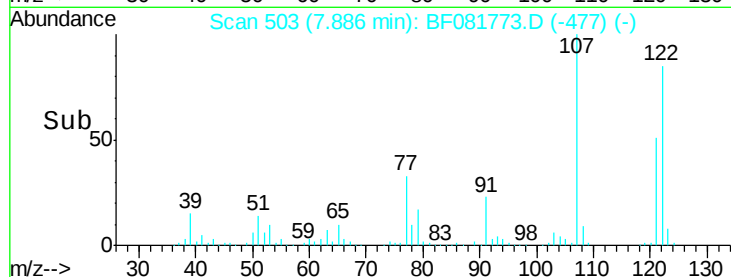
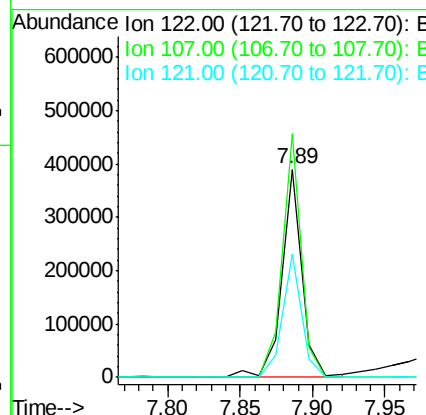
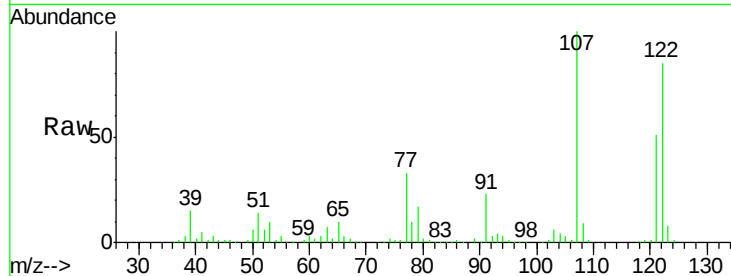
#27
 2,4-Dimethylphenol
 Concen: 45.37 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	373613		
107	117.1	91.0	136.4	
121	59.2	46.2	69.2	

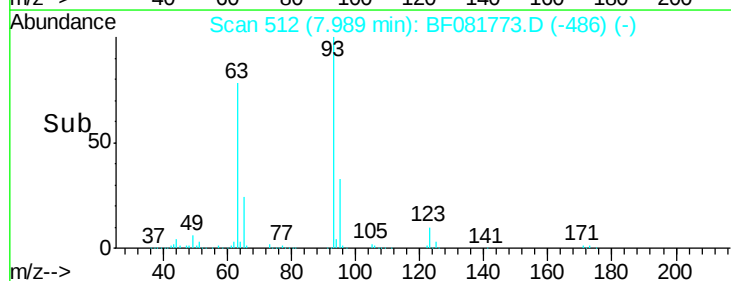
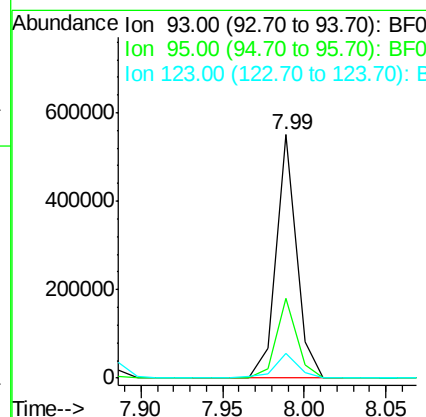
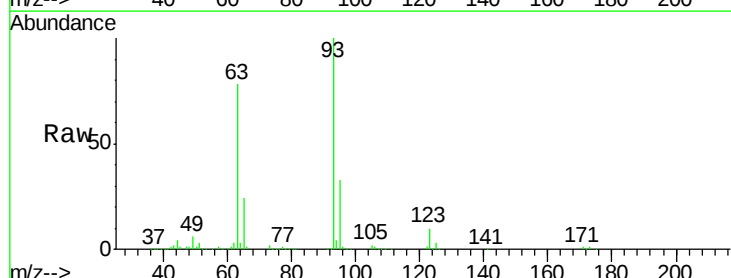
Manual Integrations
 APPROVED

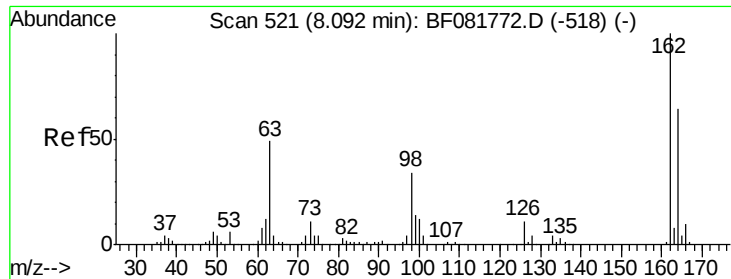
MMDadoda
 9/25/2015 3:36:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.79 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	482588		
95	32.5	26.6	40.0	
123	10.2	8.2	12.2	





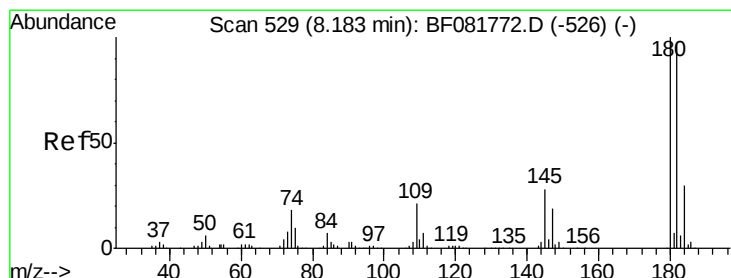
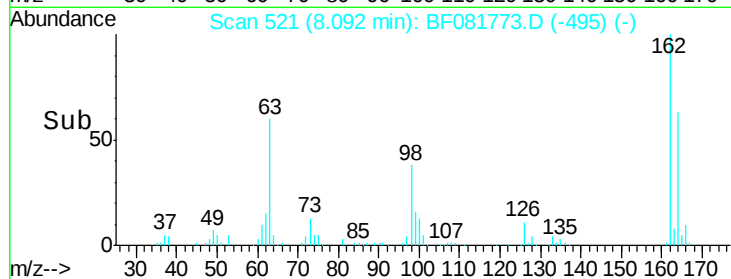
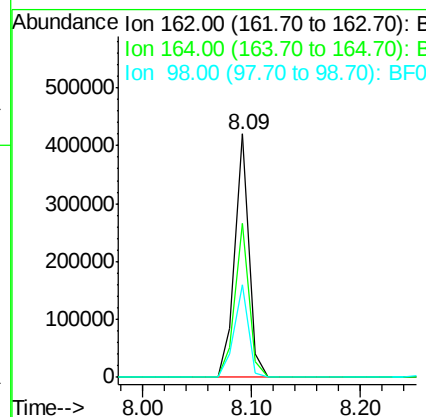
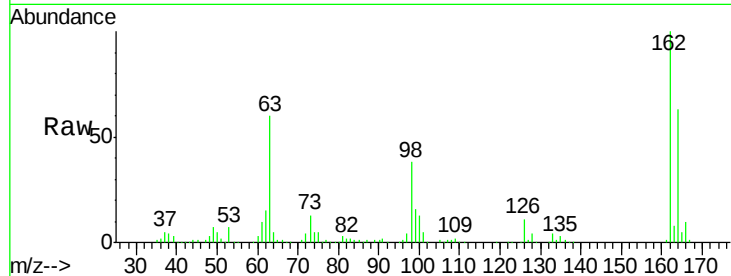
#29
 2,4-Dichlorophenol
 Concen: 51.11 ng
 RT: 8.09 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	376755		
164	63.4	44.3	84.3	
98	38.2	13.7	53.7	

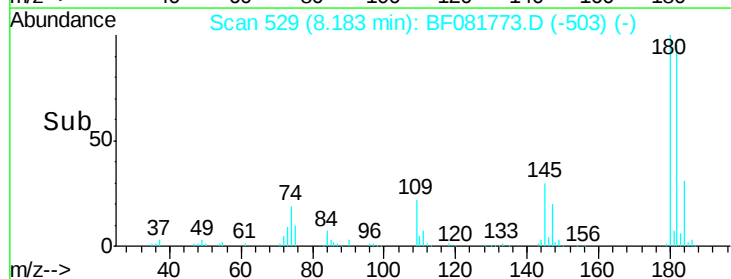
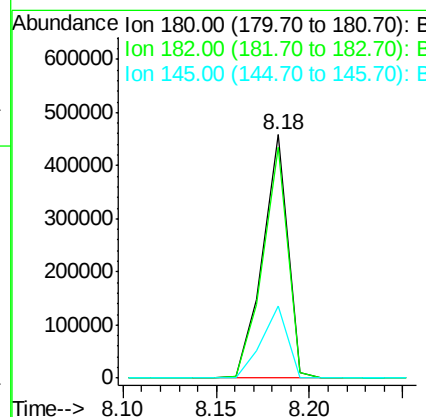
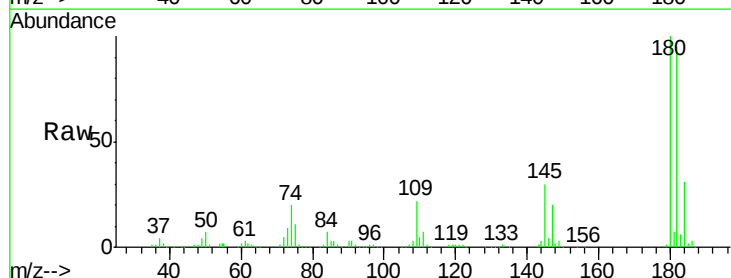
Manual Integrations
 APPROVED

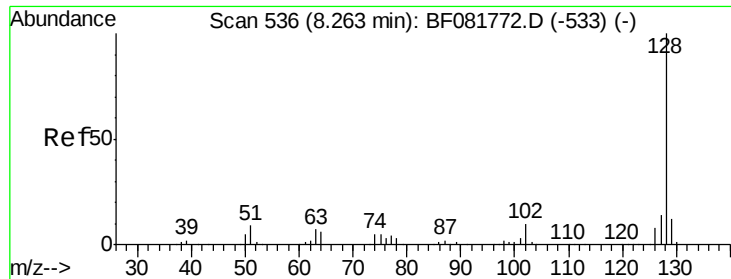
MMDadoda
 9/25/2015 3:36:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 53.18 ng
 RT: 8.18 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	424321		
182	95.0	77.4	116.0	
145	29.5	22.6	34.0	





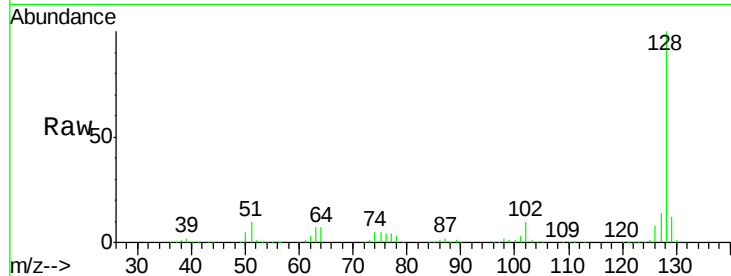
#31
Naphthalene
Concen: 42.28 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

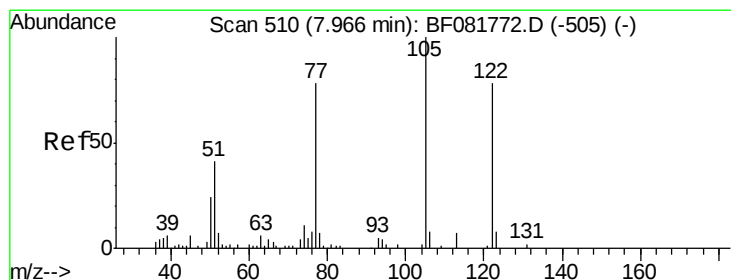
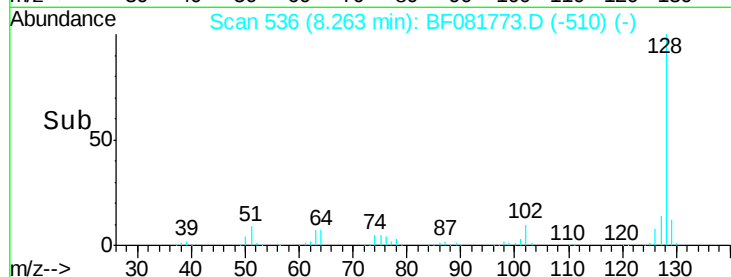
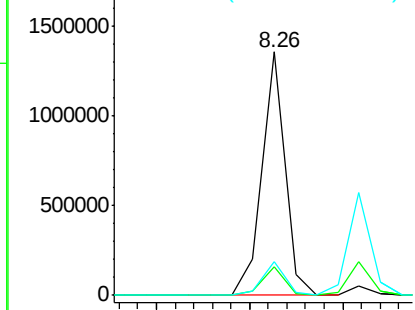
Tgt Ion:128 Resp: 1153510
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.1 11.1 16.7

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM

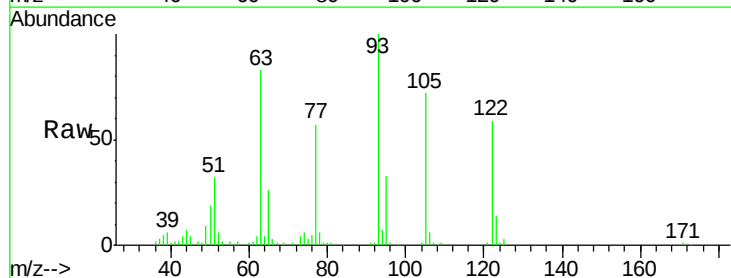


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

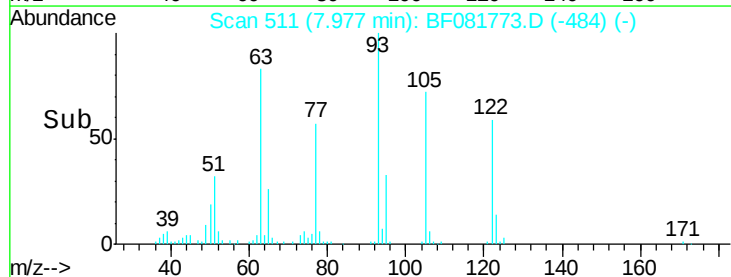
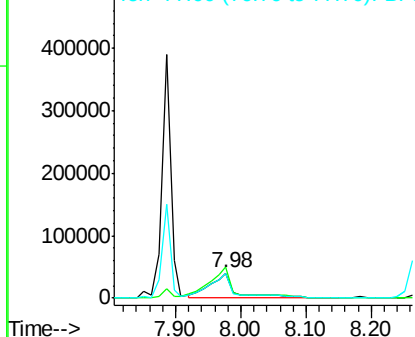


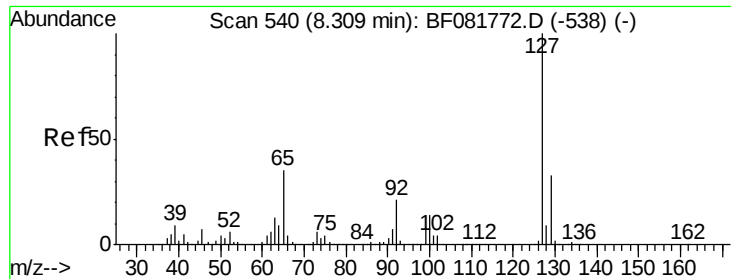
#32
Benzoic acid
Concen: 21.20 ng
RT: 7.98 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion:122 Resp: 106754
Ion Ratio Lower Upper
122 100
105 122.4 104.1 144.1
77 96.3 78.7 118.7



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





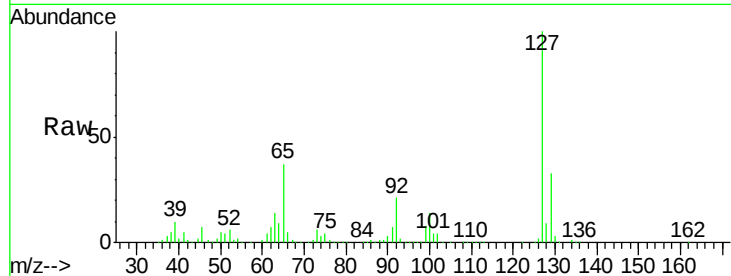
#33
4-Chloroaniline
Concen: 44.31 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

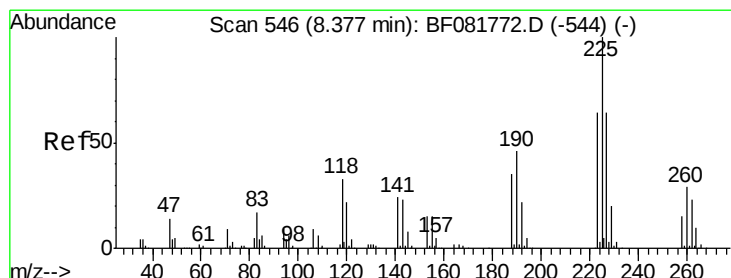
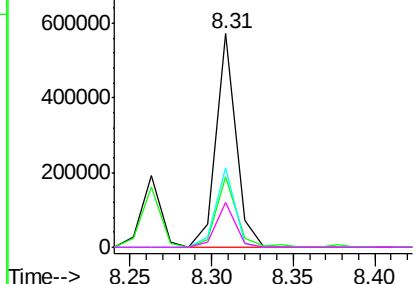
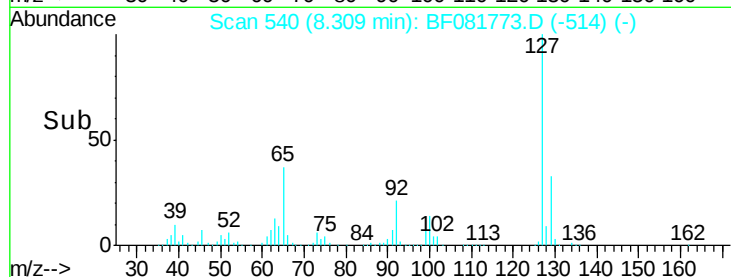
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	486904		
129	32.8	26.3	39.5	
65	36.9	27.9	41.9	
92	21.1	16.7	25.1	

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM

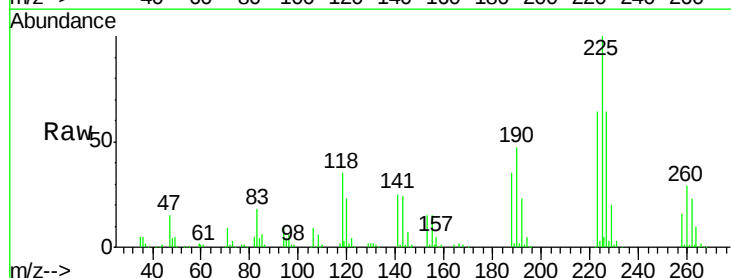


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

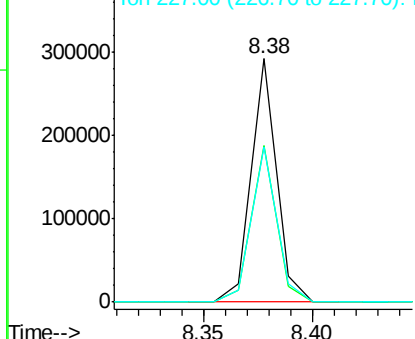
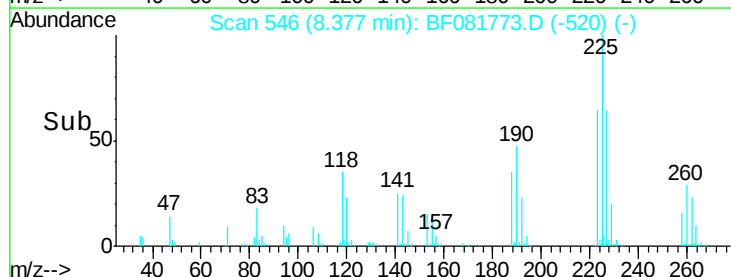


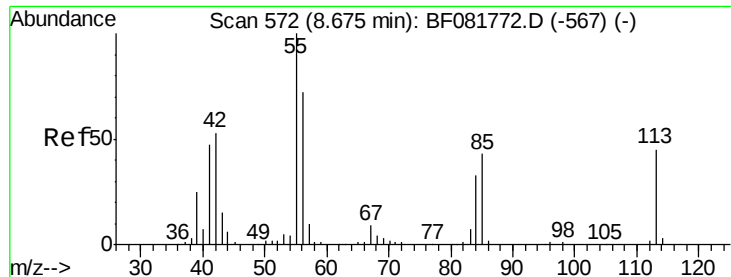
#34
Hexachlorobutadiene
Concen: 48.77 ng
RT: 8.38 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	237337		
223	64.3	51.6	77.4	
227	63.7	51.4	77.0	



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





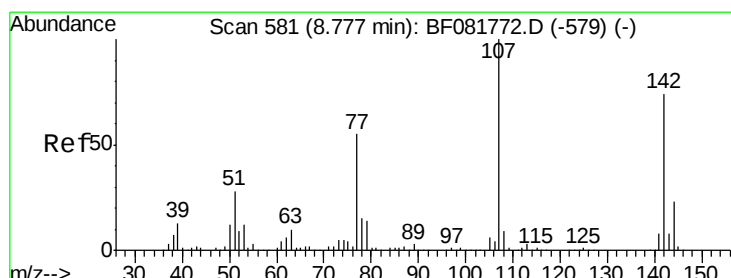
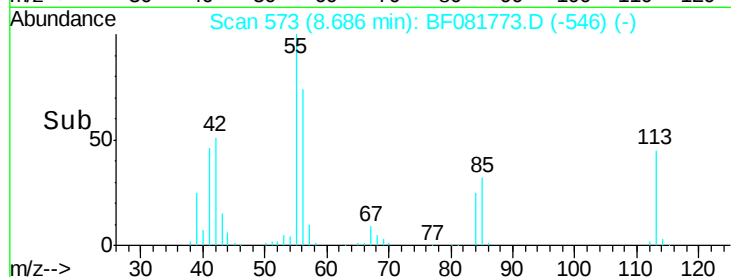
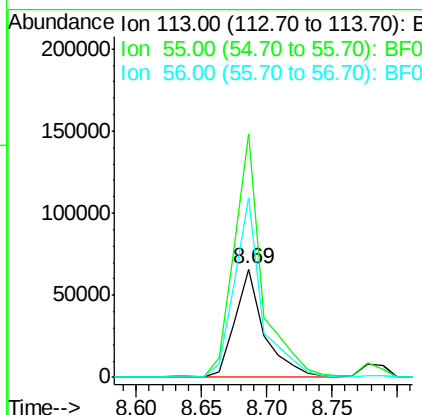
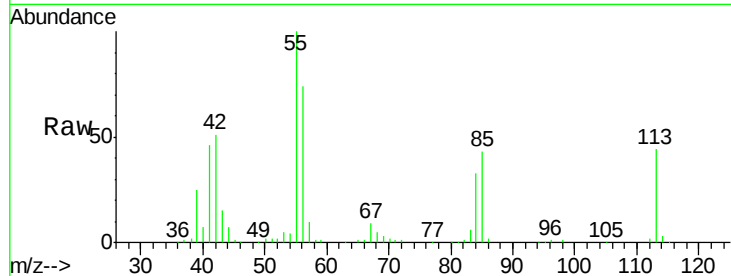
#35
 Caprolactam
 Concen: 46.35 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102849		
55	224.9	202.2	242.2	
56	166.0	140.2	180.2	

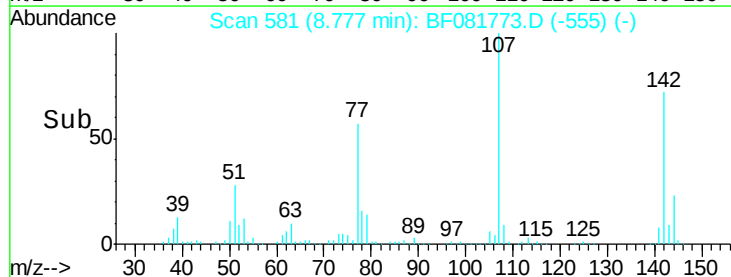
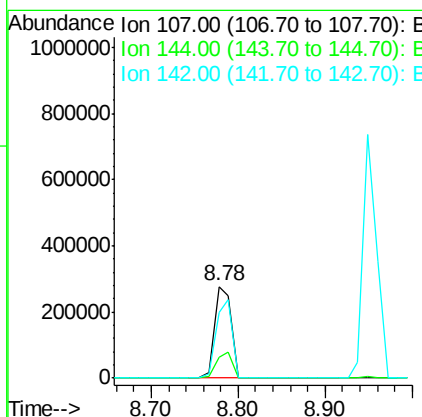
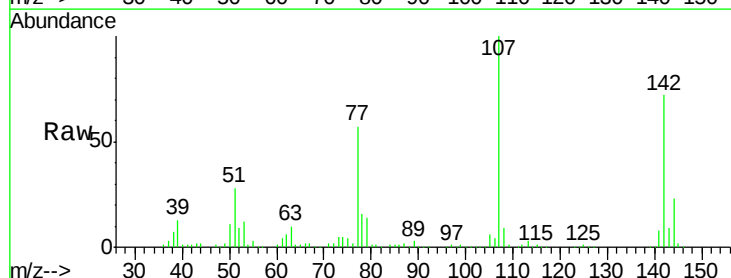
Manual Integrations
 APPROVED

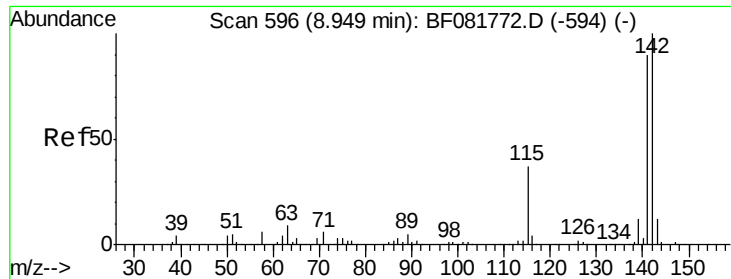
MMDadoda
 9/25/2015 3:36:28 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.03 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	376294		
144	23.2	18.7	28.1	
142	71.9	59.1	88.7	





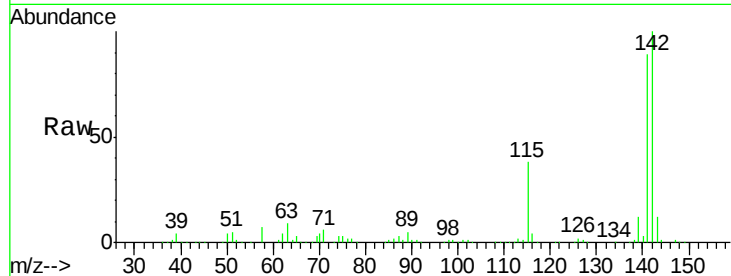
#37
 2-Methylnaphthalene
 Concen: 43.66 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

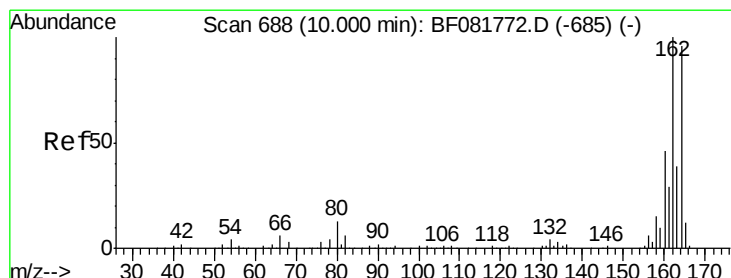
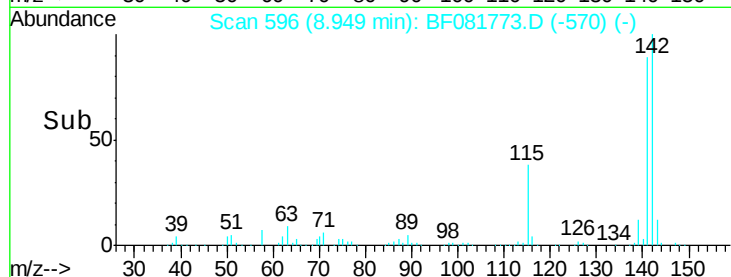
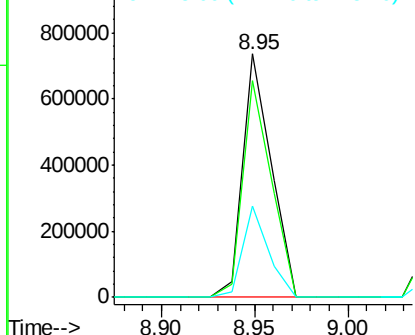
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	37.5	29.7	44.5

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:28 PM



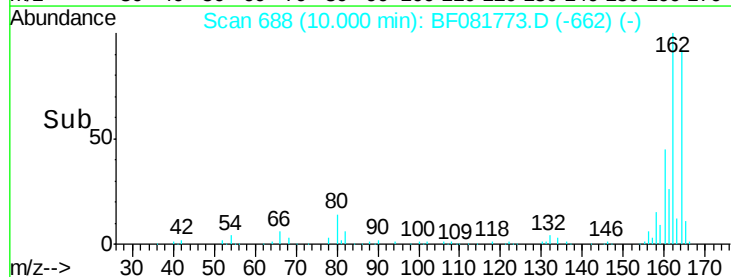
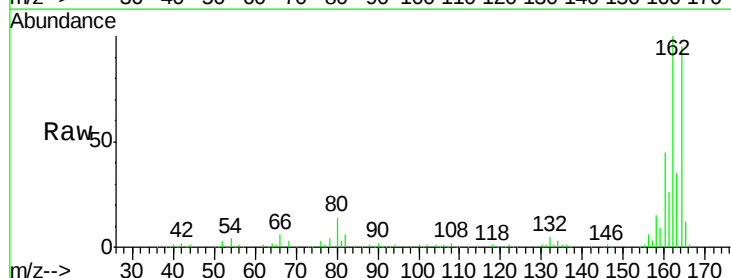
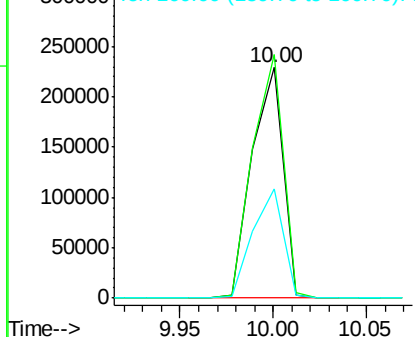
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

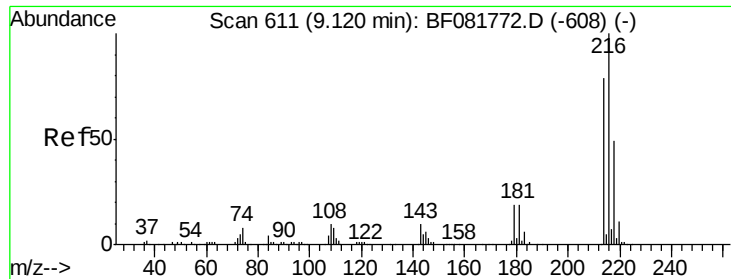


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.7	125.5
160	47.1	38.6	57.8

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: 50.74 ng

RT: 9.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 216 Resp: 416028
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

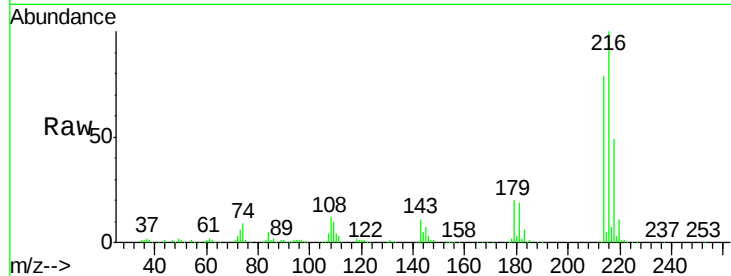
179 21.6 0.0 0.0#

108 17.4 0.0 0.0#

Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:36:28 PM

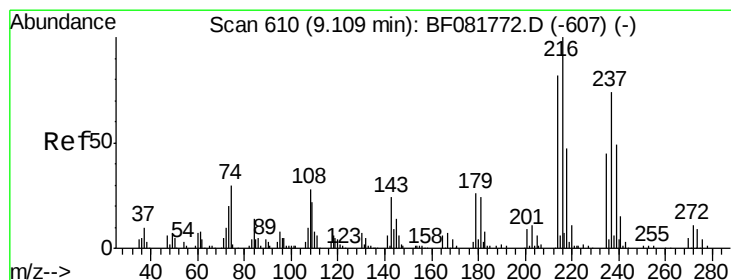
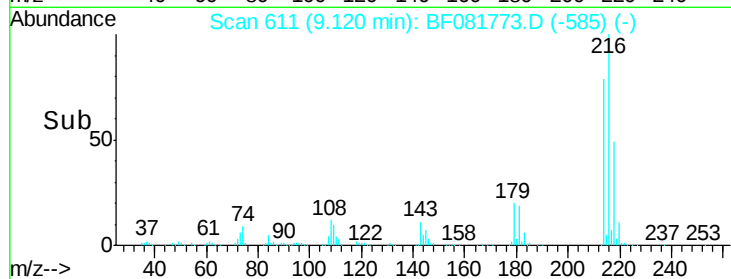
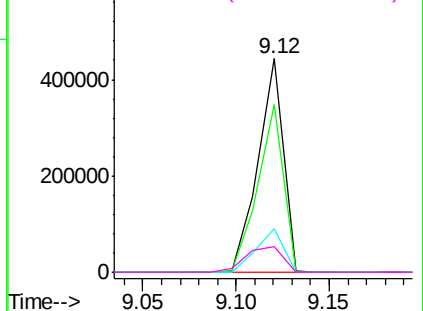


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.97 ng

RT: 9.11 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF081773.D

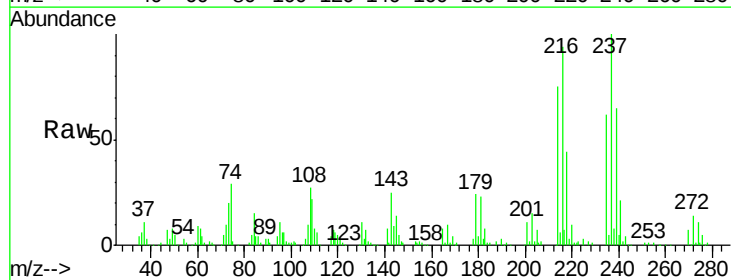
Acq: 24 Sep 2015 19:56

Tgt Ion: 237 Resp: 206552
Ion Ratio Lower Upper

237 100

235 62.5 41.0 81.0

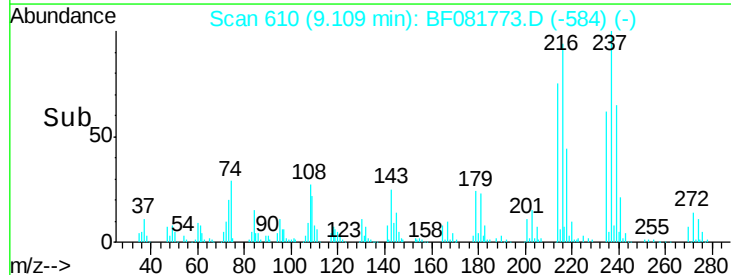
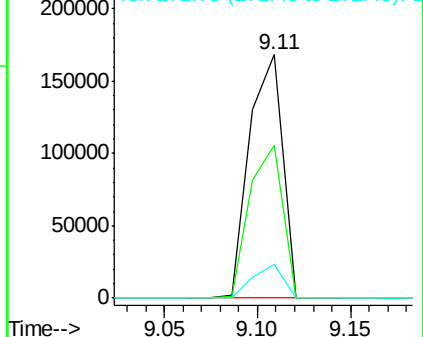
272 14.0 0.0 34.3

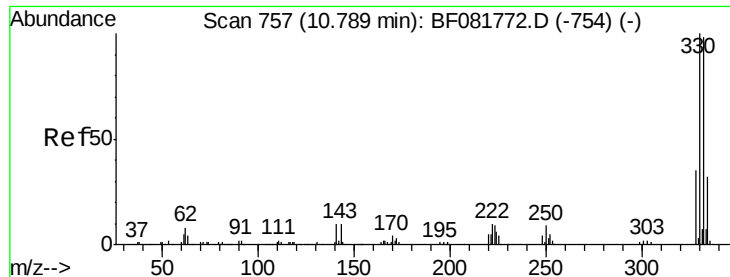


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





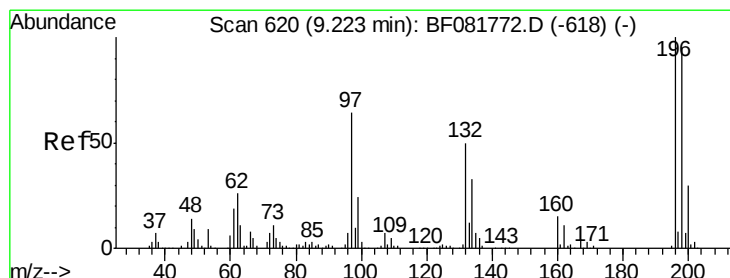
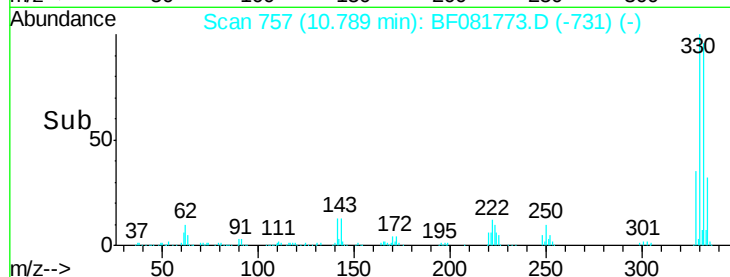
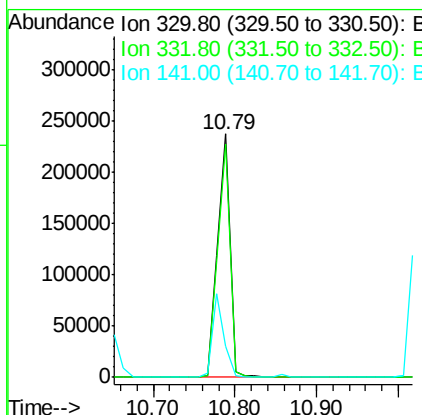
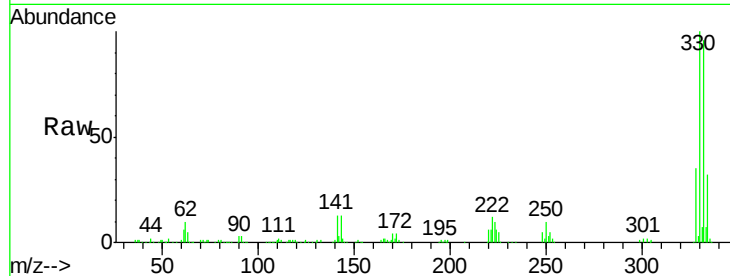
#41
 2,4,6-Tribromophenol
 Concen: 110.38 ng
 RT: 10.79 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.1	0.0	0.0#
141	32.0	0.0	0.0#

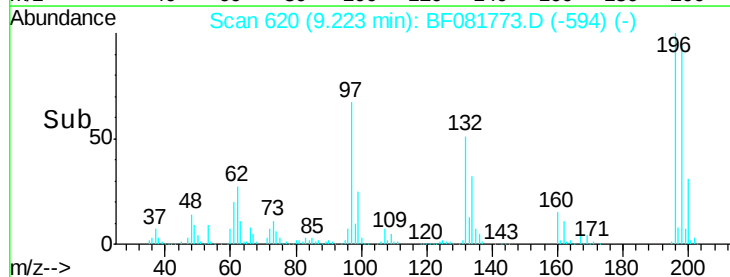
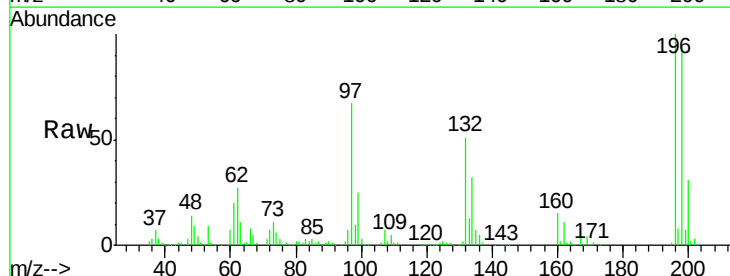
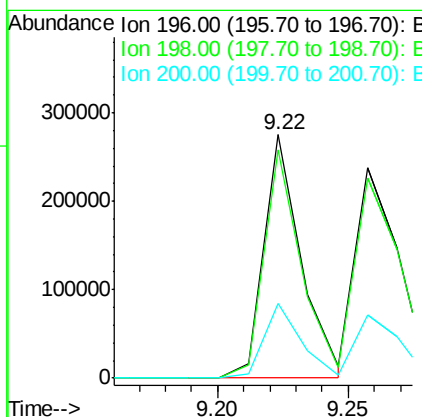
Manual Integrations
 APPROVED

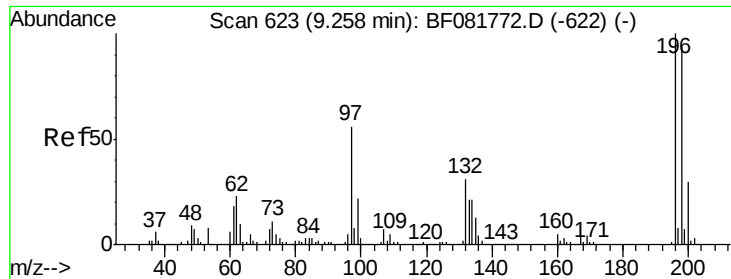
MMDadoda
 9/25/2015 3:36:28 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.28 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.8	75.6	113.4
200	30.5	23.8	35.8





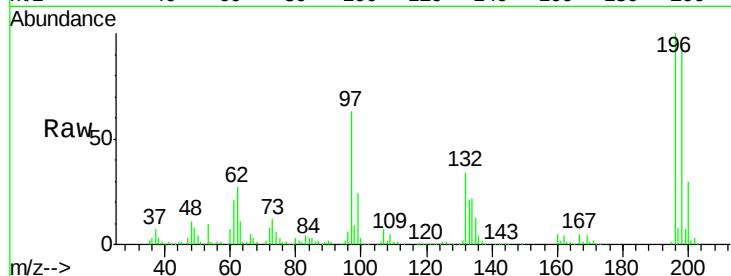
#43
 2,4,5-Trichlorophenol
 Concen: 47.22 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269088		
198	95.2	75.1	112.7	
97	62.7	47.0	70.6	
132	33.7	25.4	38.2	

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:36:28 PM



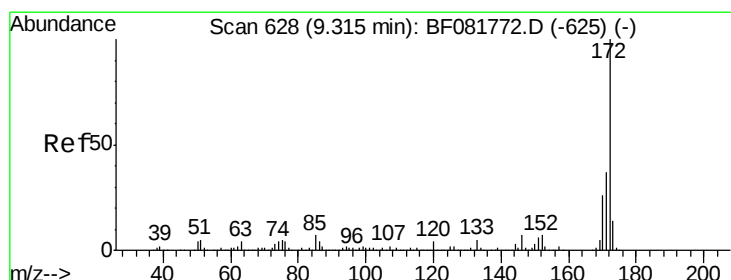
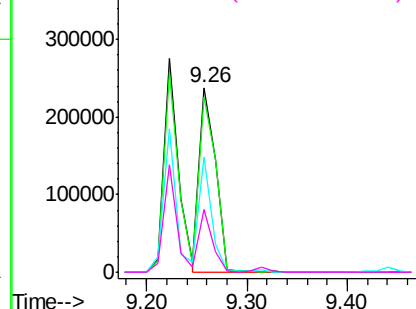
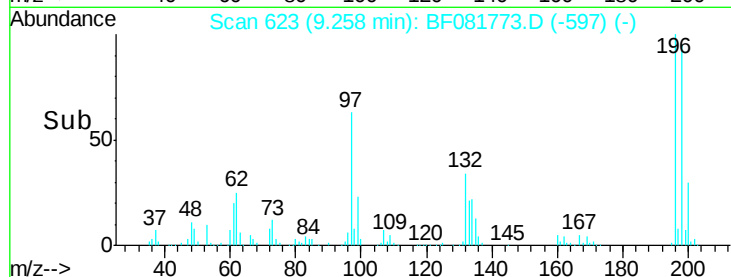
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

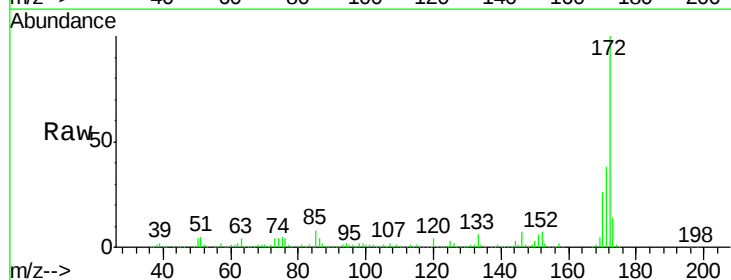
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.55 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1389440		
171	37.7	30.0	45.0	
170	26.1	20.4	30.6	

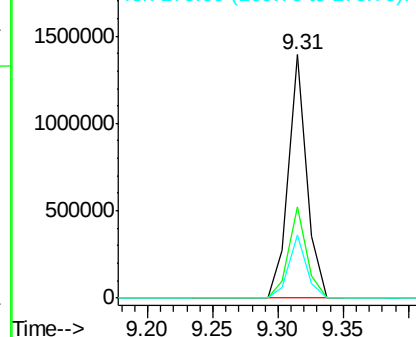
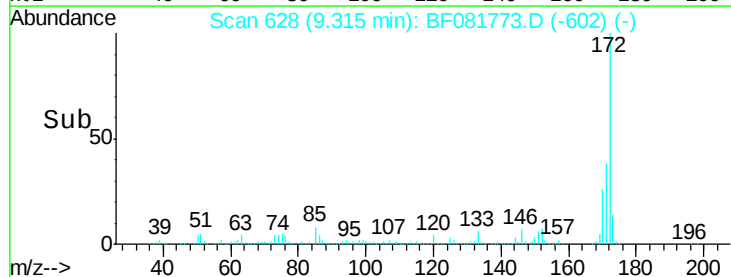


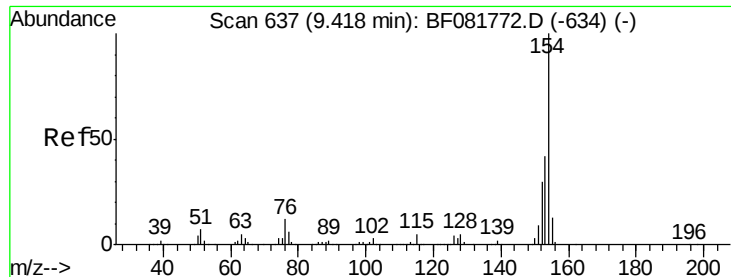
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.74 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

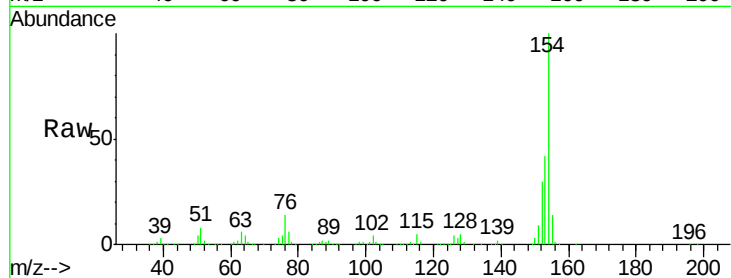
ClientSampleId :

SSTDIC050

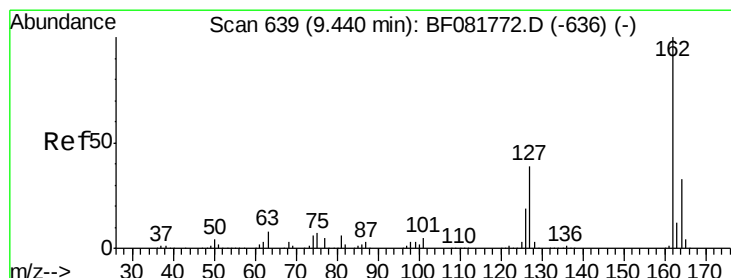
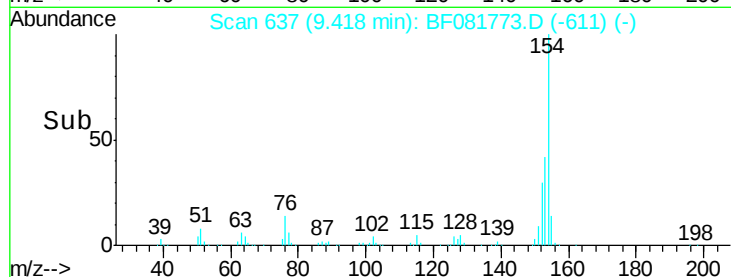
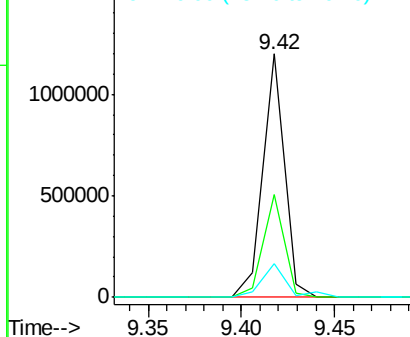
Tgt Ion:	154	Resp:	949643
Ion Ratio	Lower	Upper	
154	100		
153	42.1	21.7	61.7
76	13.7	0.0	32.1

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



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



#46

2-Chloronaphthalene

Concen: 42.85 ng

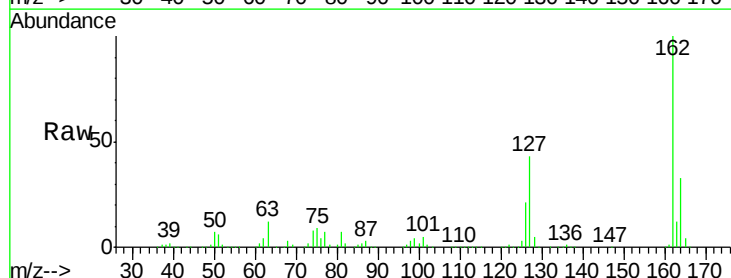
RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

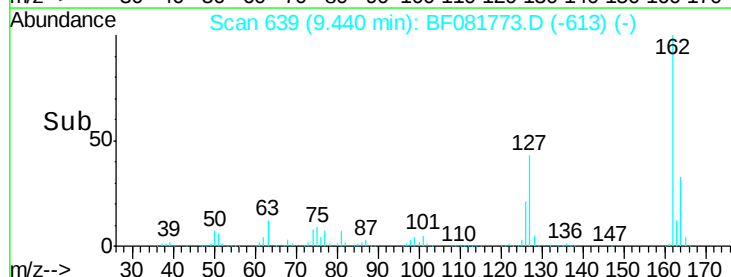
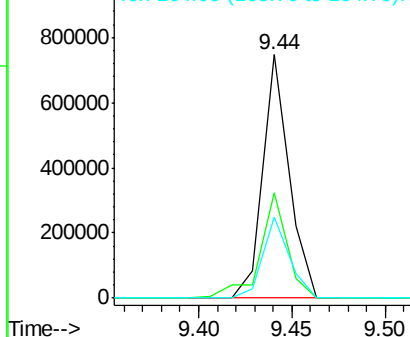
Lab File: BF081773.D

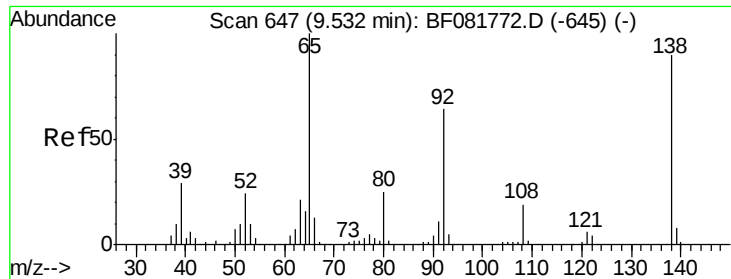
Acq: 24 Sep 2015 19:56

Tgt Ion:	162	Resp:	724768
Ion Ratio	Lower	Upper	
162	100		
127	43.1	32.1	48.1
164	33.2	26.2	39.4



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





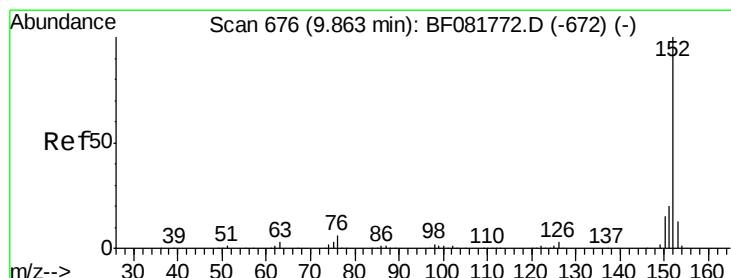
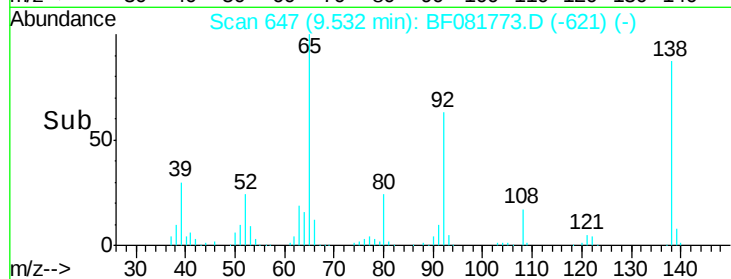
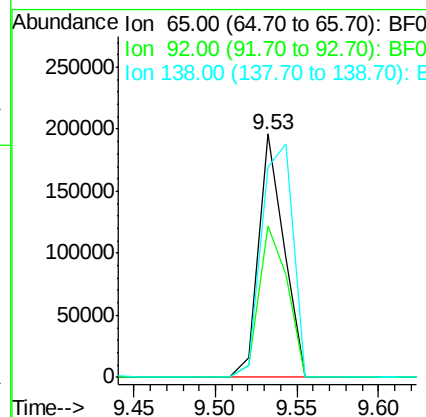
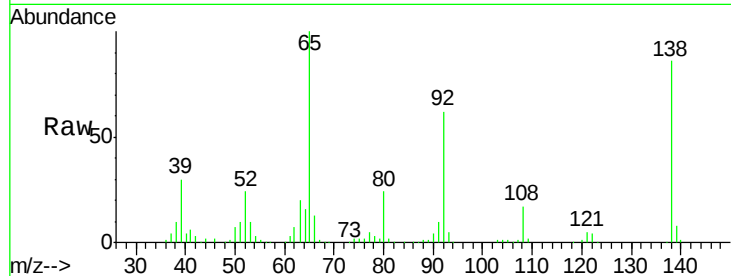
#47
 2-Nitroaniline
 Concen: 32.24 ng
 RT: 9.53 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	51.2	76.8
138	86.3	72.1	108.1

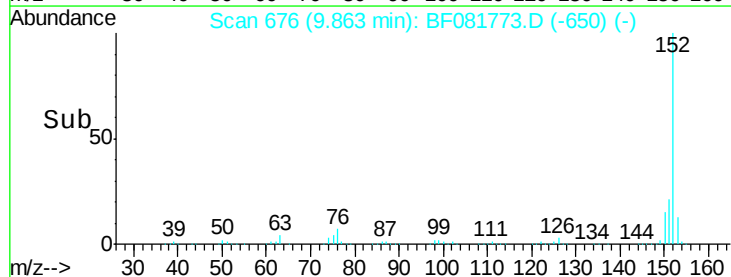
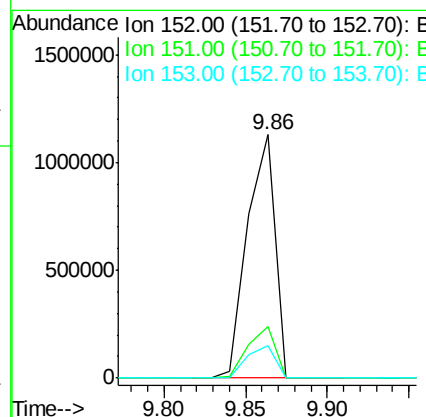
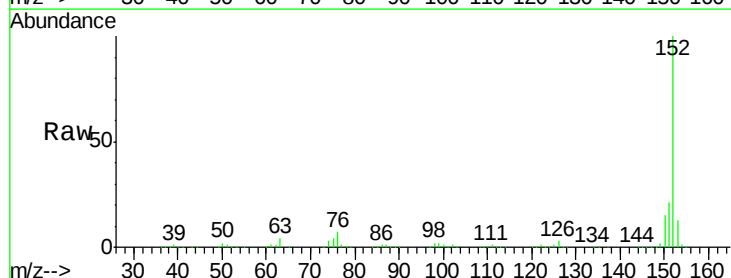
Manual Integrations
 APPROVED

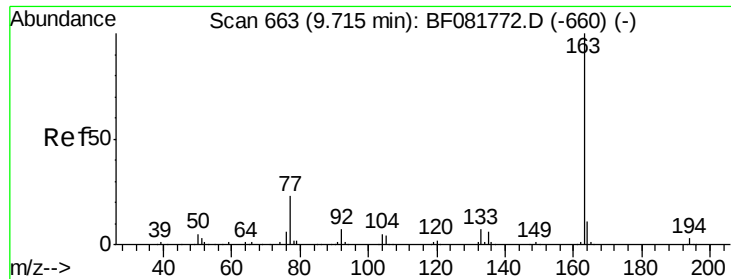
MMDadoda
 9/25/2015 3:36:28 PM



#48
 Acenaphthylene
 Concen: 43.31 ng
 RT: 9.86 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.4	10.2	15.4





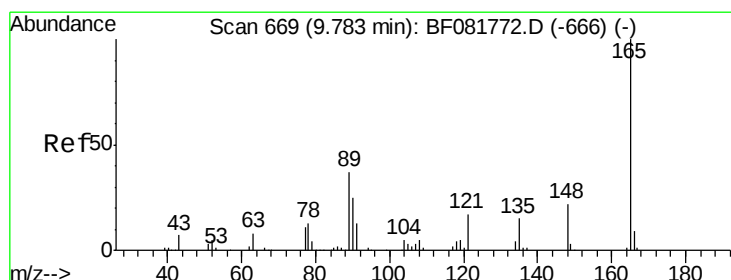
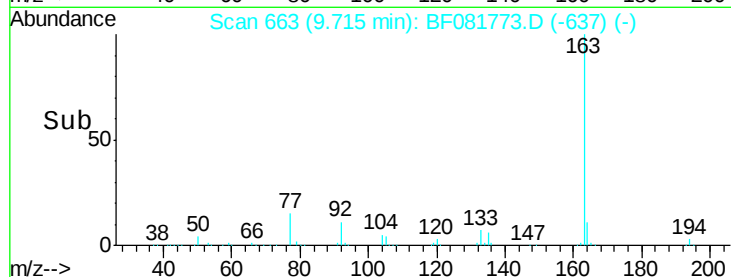
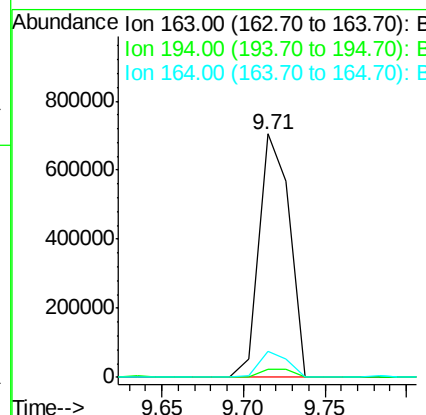
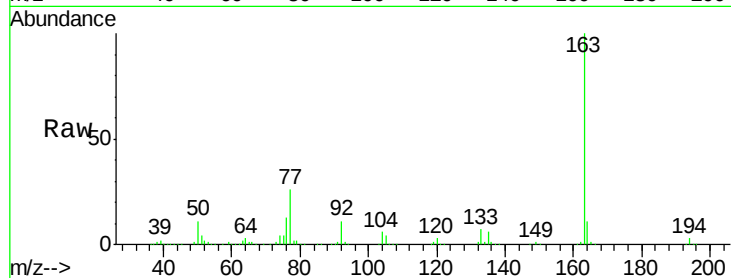
#49
Dimethylphthalate
Concen: 45.67 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	912588		
194	3.1	2.6	4.0	
164	10.7	8.6	12.8	

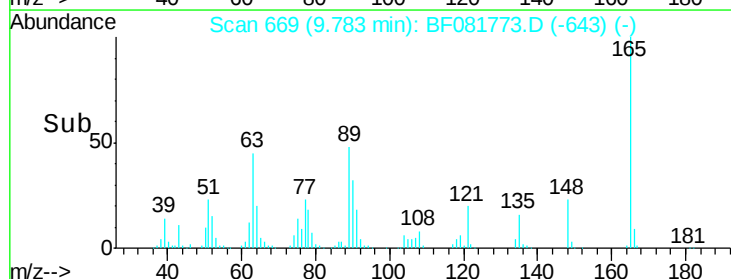
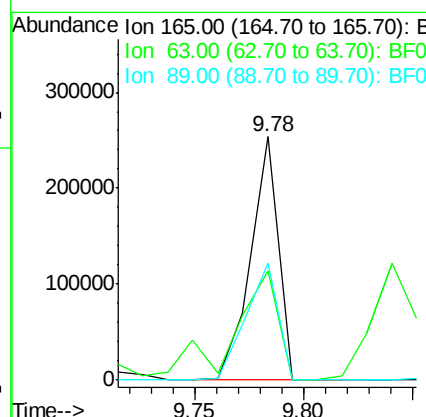
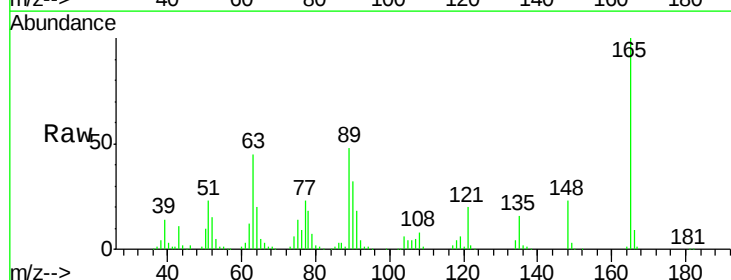
Manual Integrations
APPROVED

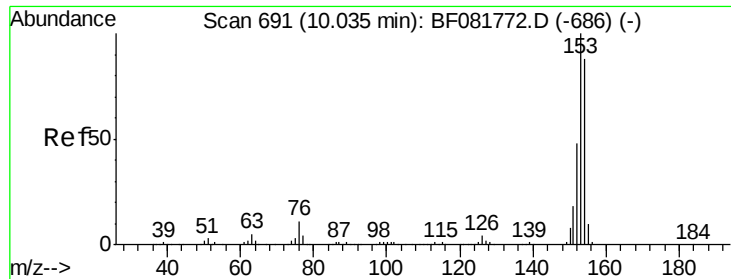
MMDadoda
9/25/2015 3:36:28 PM



#50
2,6-Dinitrotoluene
Concen: 49.87 ng
RT: 9.78 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	223714		
63	45.0	25.8	38.8#	
89	48.0	30.0	45.0#	





#51

Acenaphthene

Concen: 45.40 ng

RT: 10.03 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:154 Resp: 789028
Ion Ratio Lower Upper

154 100

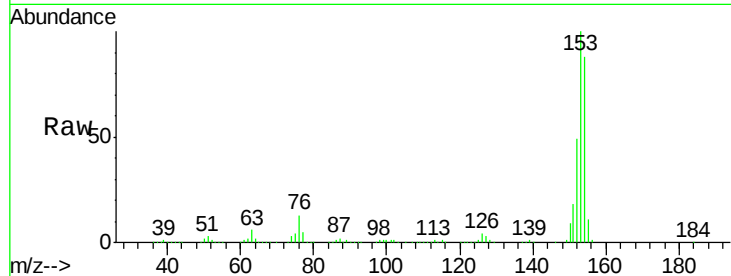
153 113.4 90.6 135.8

152 55.2 43.1 64.7

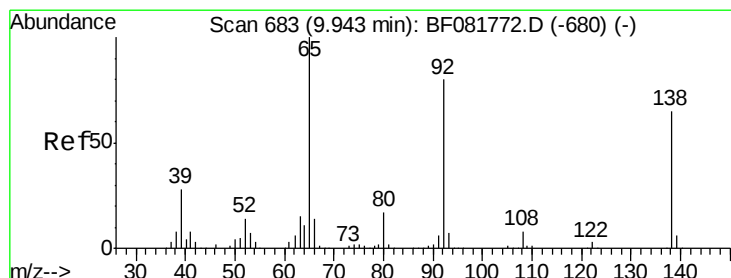
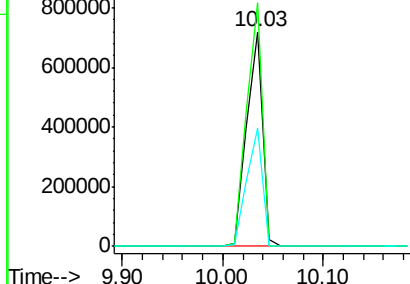
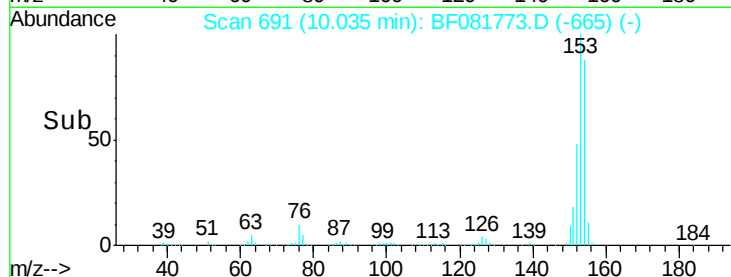
Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:36:28 PM



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



#52

3-Nitroaniline

Concen: 48.87 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF081773.D

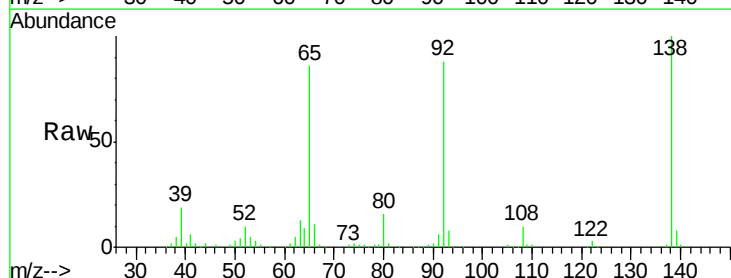
Acq: 24 Sep 2015 19:56

Tgt Ion:138 Resp: 247748
Ion Ratio Lower Upper

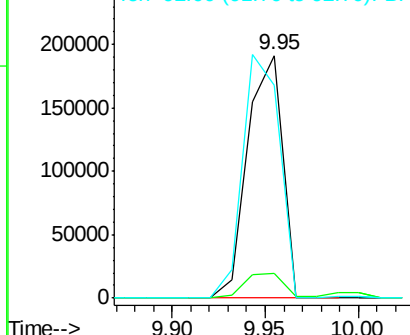
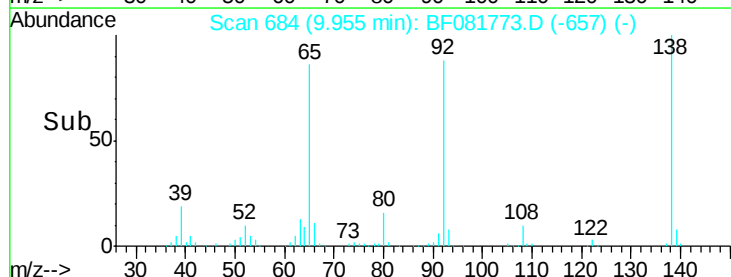
138 100

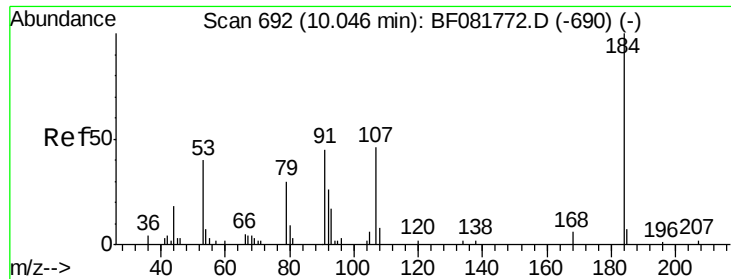
108 10.4 10.2 15.4

92 88.0 99.4 149.0#



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





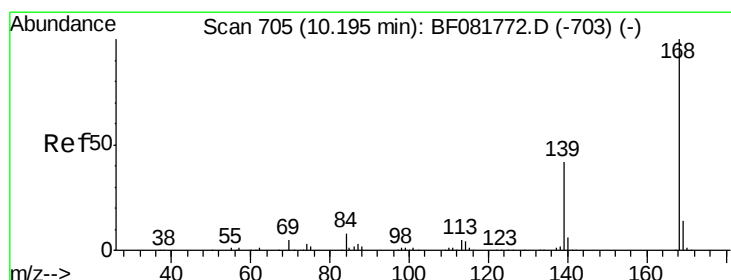
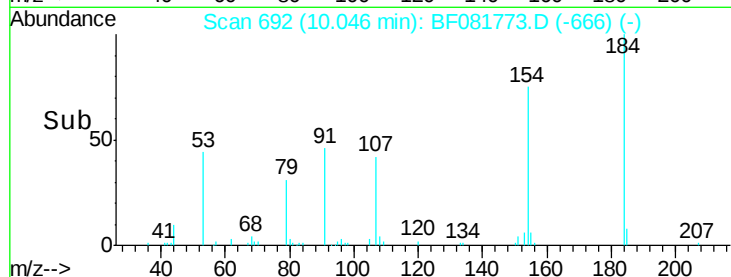
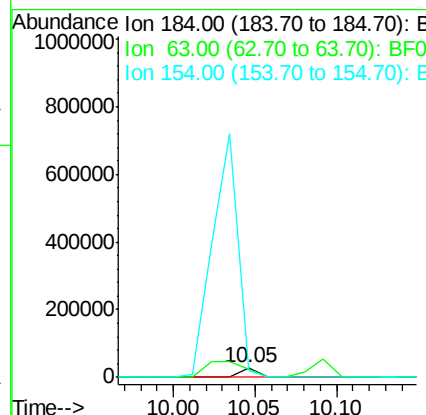
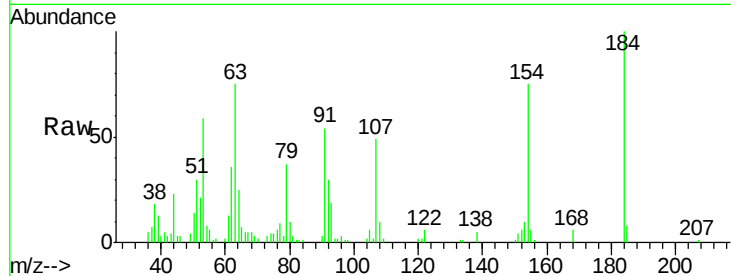
#53
2,4-Dinitrophenol
Concen: 14.16 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.1	50.4	75.6
154	74.5	51.0	76.4

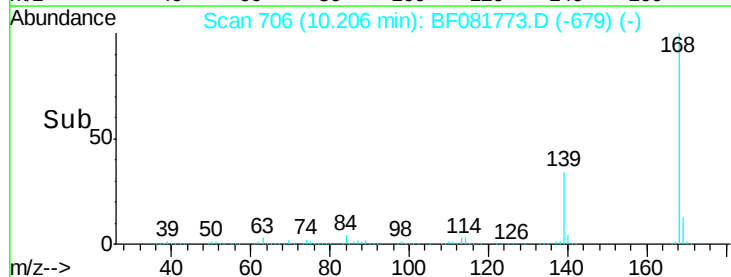
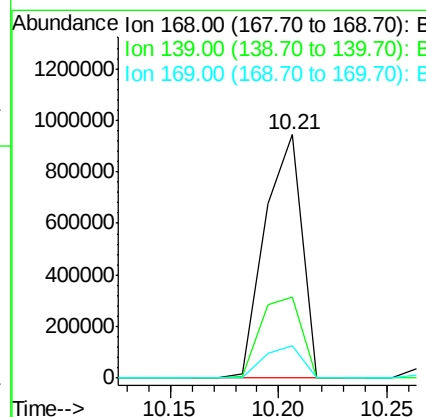
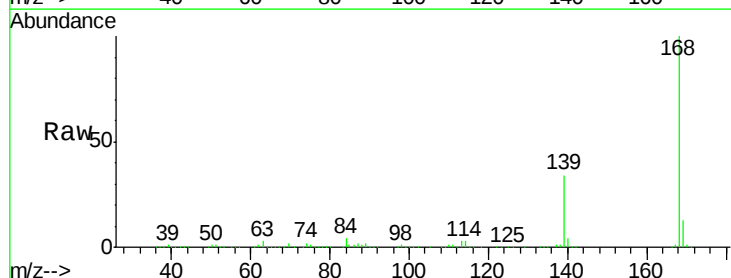
Manual Integrations
APPROVED

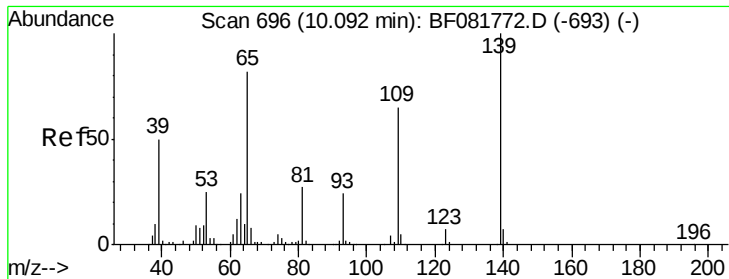
MMDadoda
9/25/2015 3:36:28 PM



#54
Dibenzofuran
Concen: 44.60 ng
RT: 10.21 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.5	33.4	50.2
169	13.4	11.4	17.2





#55

4-Nitrophenol

Concen: 47.42 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:139 Resp: 152553
Ion Ratio Lower Upper

139 100

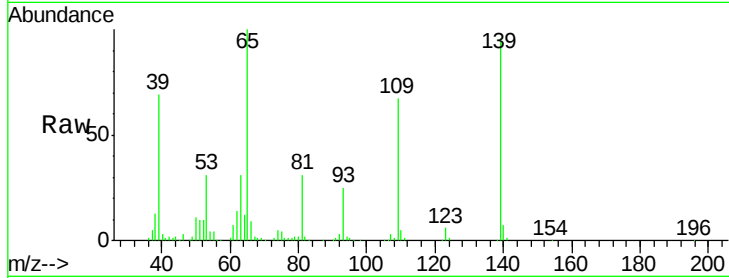
109 69.8 45.1 85.1

65 104.2 62.3 102.3#

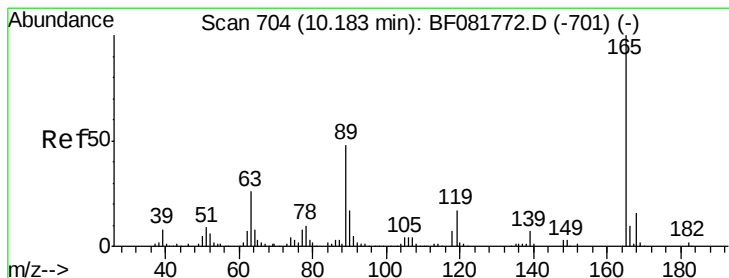
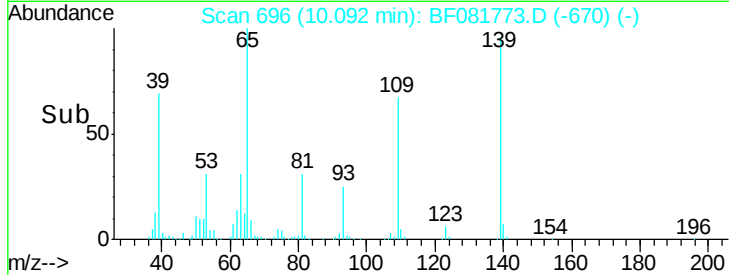
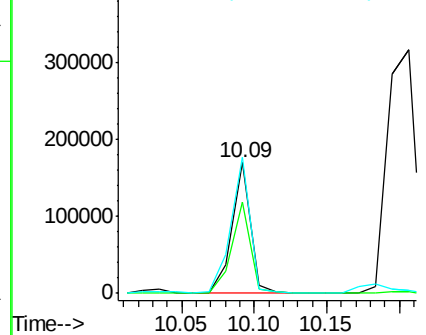
Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:36:28 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: 49.21 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:165 Resp: 281412
Ion Ratio Lower Upper

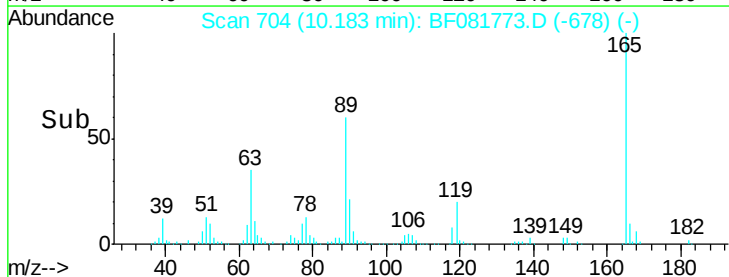
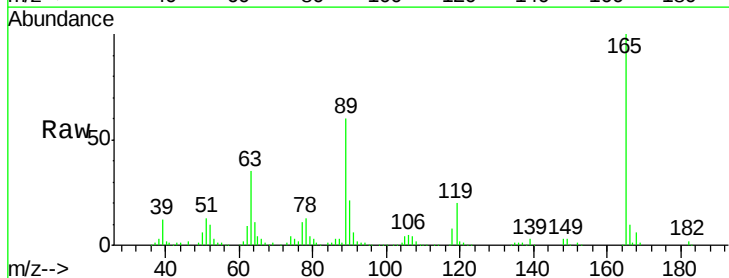
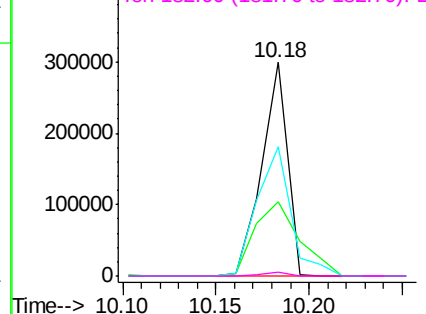
165 100

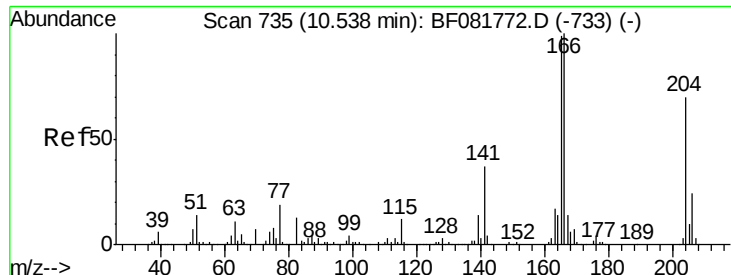
63 34.6 20.5 30.7#

89 60.4 38.1 57.1#

182 2.1 1.7 2.5

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





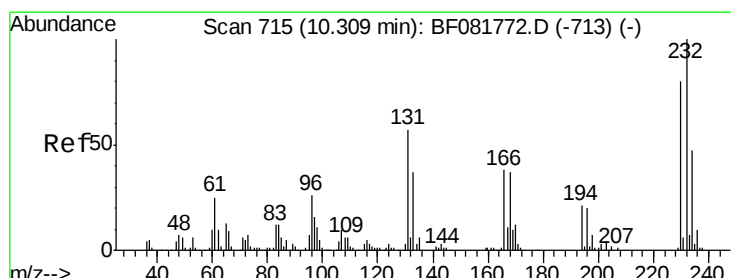
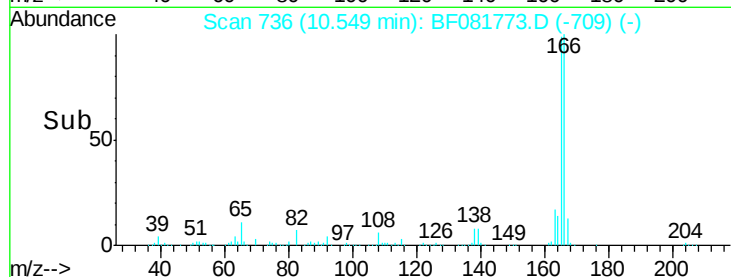
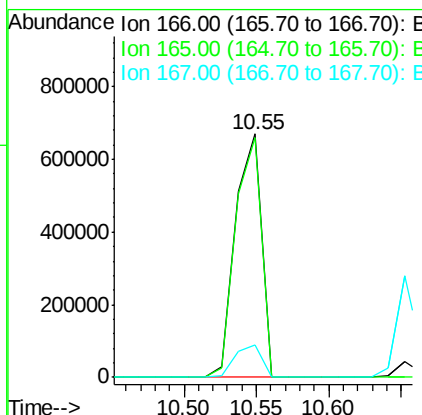
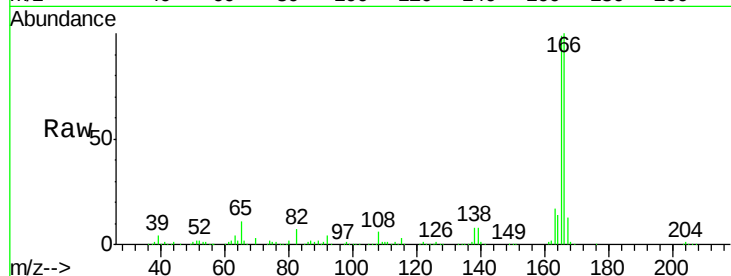
#57
Fluorene
 Concen: 44.43 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	831787		
165	98.5	79.1	118.7	
167	13.1	10.9	16.3	

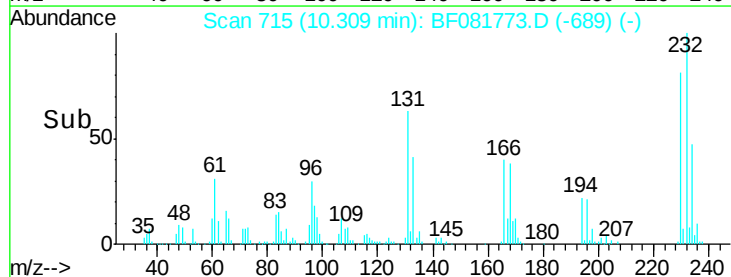
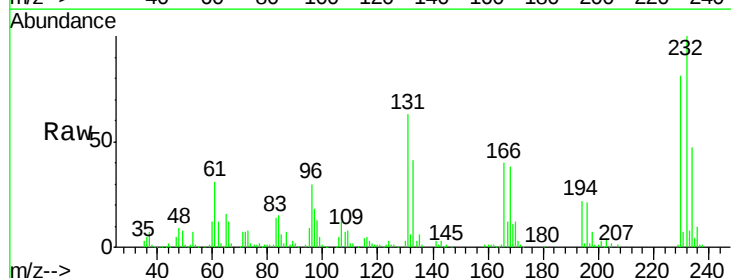
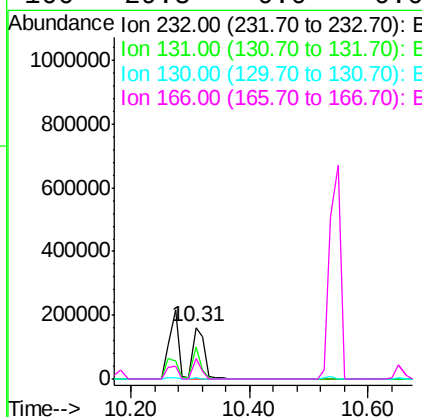
Manual Integrations
 APPROVED

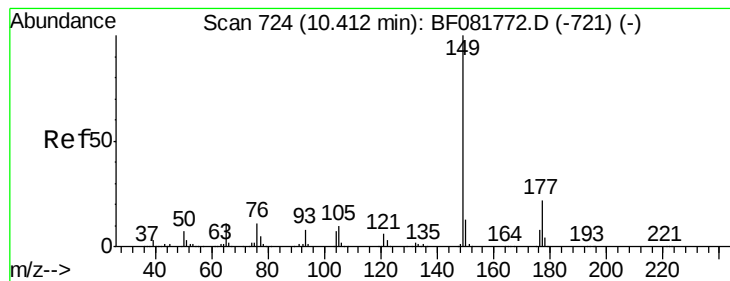
MMDadoda
 9/25/2015 3:36:28 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.24 ng
 RT: 10.31 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	217786		
131	44.7	0.0	0.0#	
130	2.1	0.0	0.0#	
166	29.8	0.0	0.0#	





#59

Diethylphthalate

Concen: 45.32 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

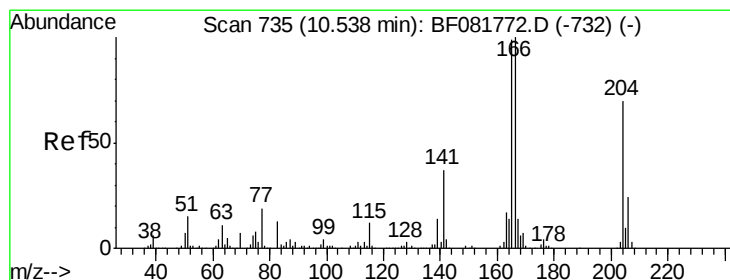
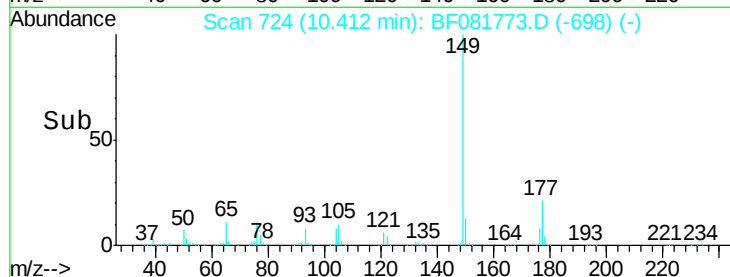
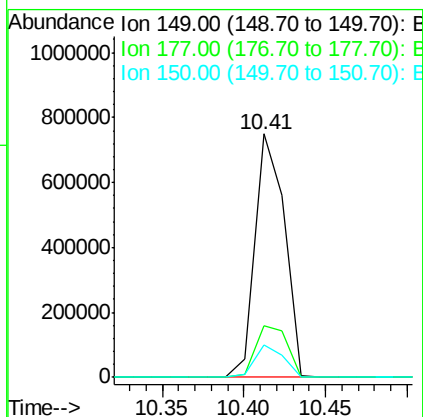
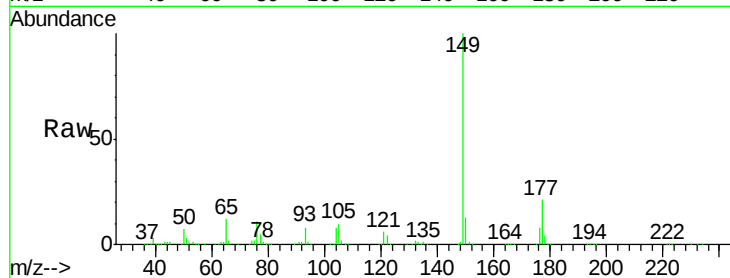
ClientSampleId :

SSTDIC050

Tgt Ion:	149	Resp:	940669
Ion Ratio		Lower	Upper
149	100		
177	21.3	17.4	26.0
150	13.2	10.4	15.6

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#60

4-Chlorophenyl-phenylether

Concen: 45.51 ng

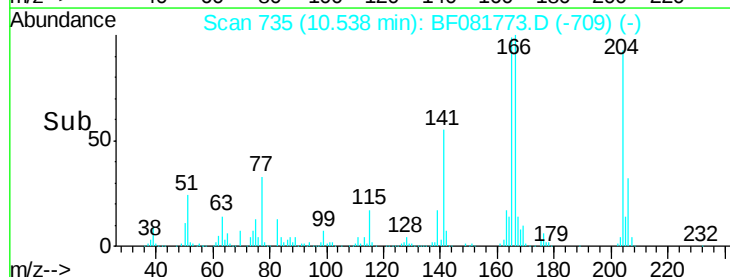
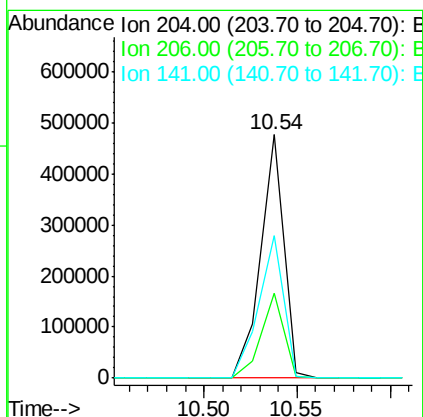
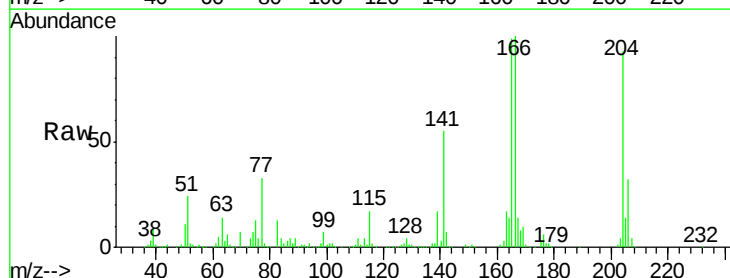
RT: 10.54 min Scan# 735

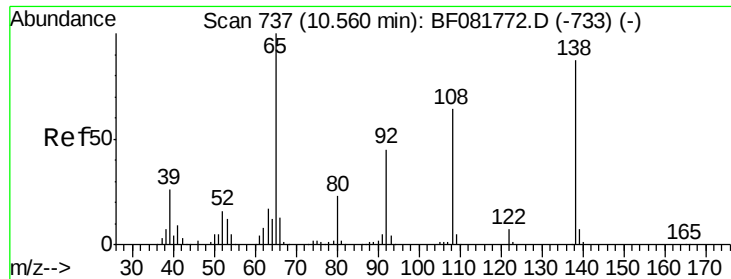
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	204	Resp:	407108
Ion Ratio		Lower	Upper
204	100		
206	34.7	27.7	41.5
141	58.7	42.1	63.1





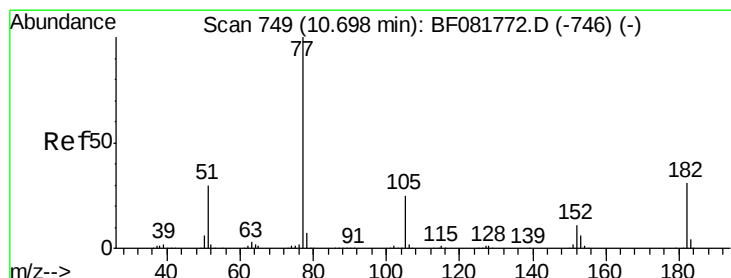
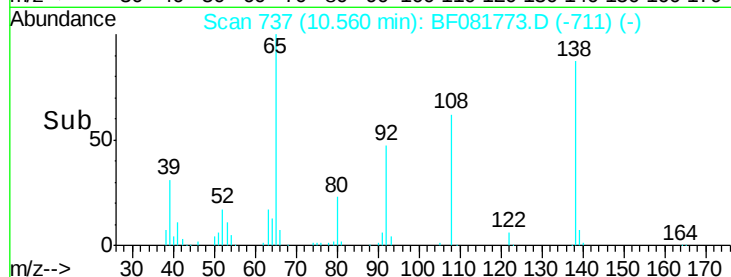
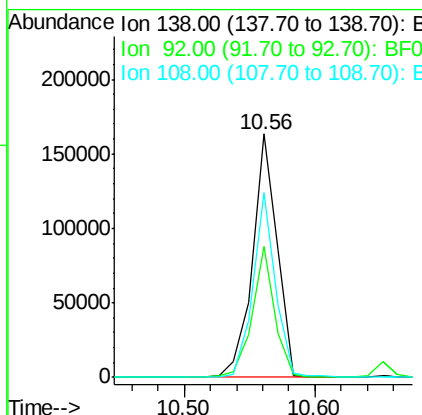
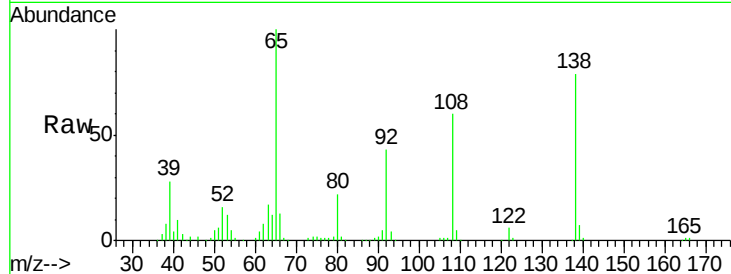
#61
4-Nitroaniline
Concen: 41.08 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	214195		
92	54.0	31.4	71.4	
108	75.7	53.7	93.7	

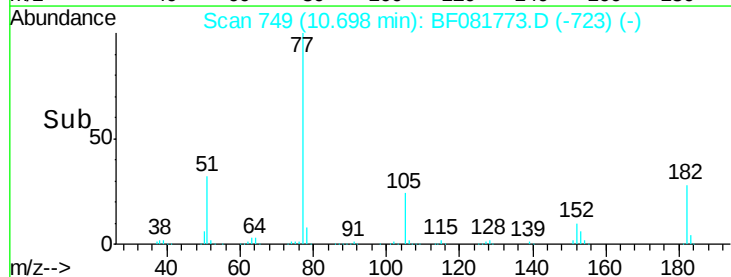
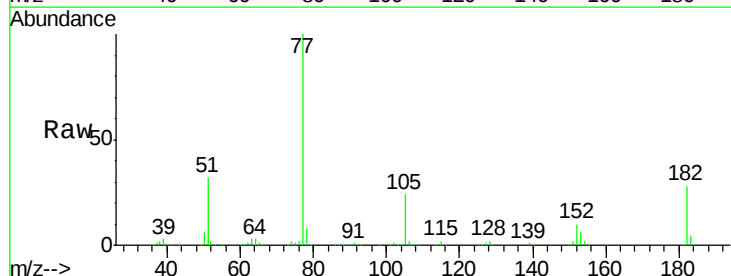
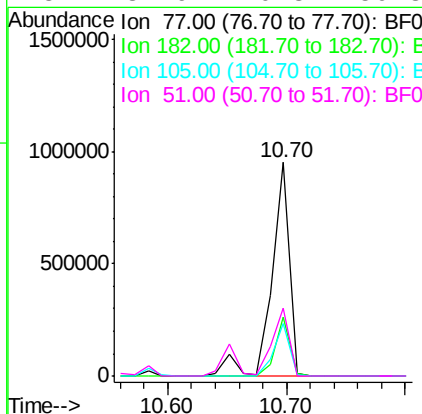
Manual Integrations
APPROVED

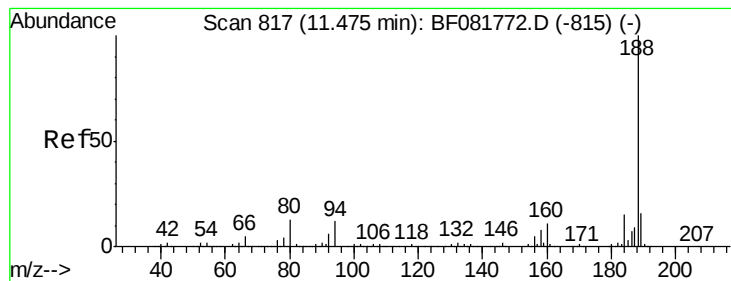
MMDadoda
9/25/2015 3:36:28 PM



#62
Azobenzene
Concen: 44.08 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	999827		
182	27.8	10.4	50.4	
105	24.4	5.1	45.1	
51	31.9	10.3	50.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

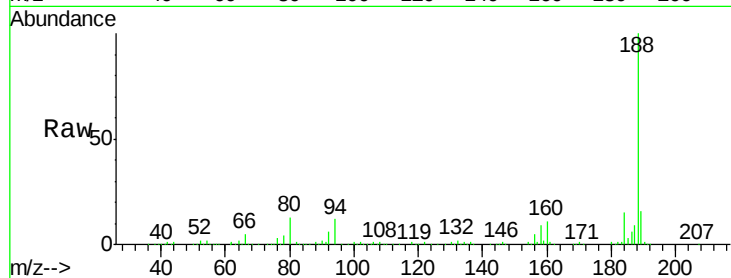
ClientSampleId :

SSTDIC050

Tgt Ion:	188	Resp:	483562
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	12.5	10.6	15.8

Manual Integrations
APPROVED

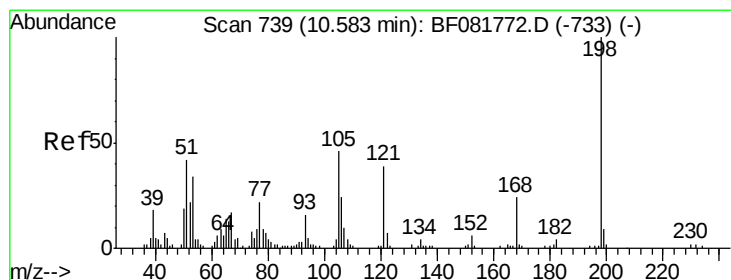
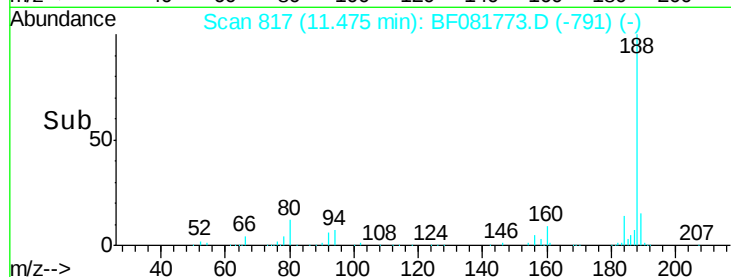
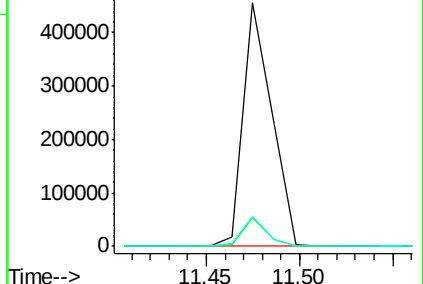
MMDadoda
9/25/2015 3:36:28 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 21.82 ng

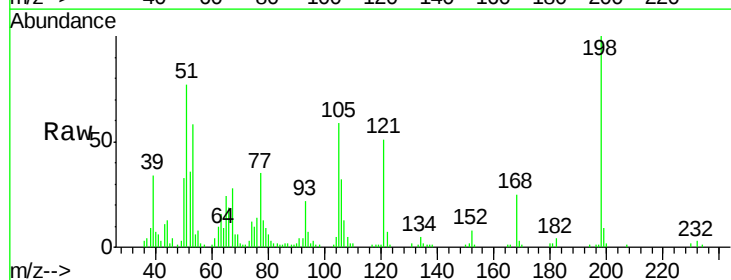
RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

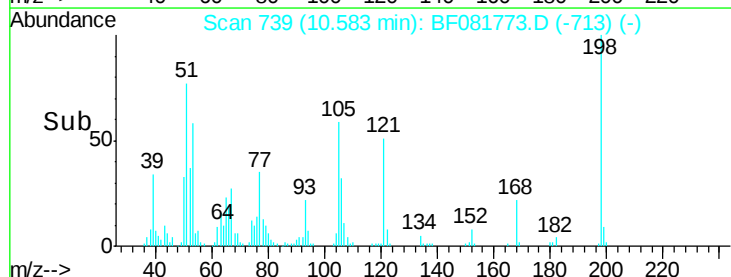
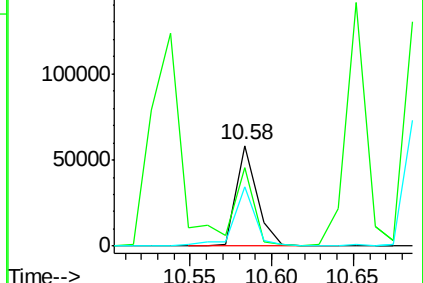
Tgt Ion:	198	Resp:	51279
Ion Ratio	Lower	Upper	
198	100		
51	77.3	24.5	64.5#
105	59.1	26.5	66.5

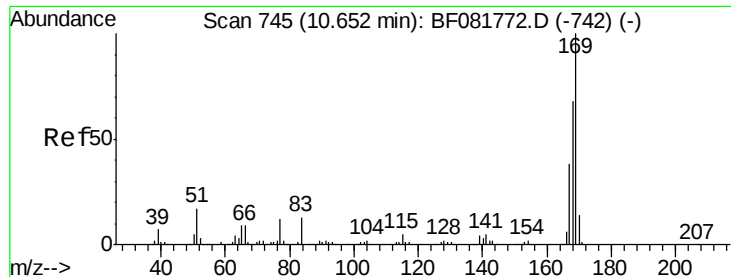


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.15 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

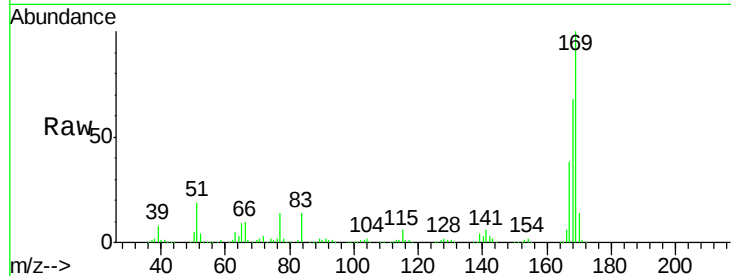
ClientSampleId :

SSTDIC050

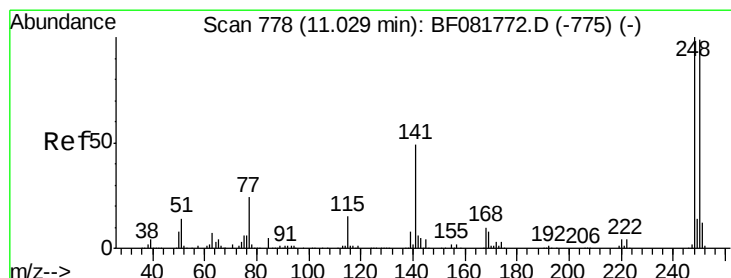
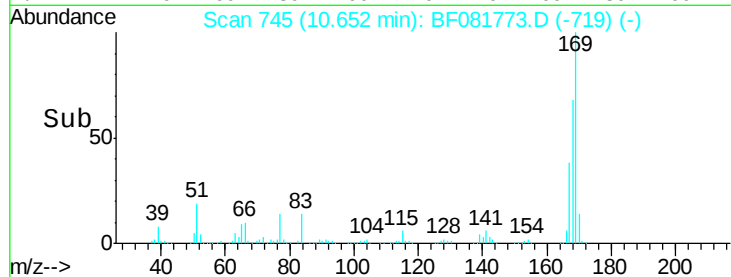
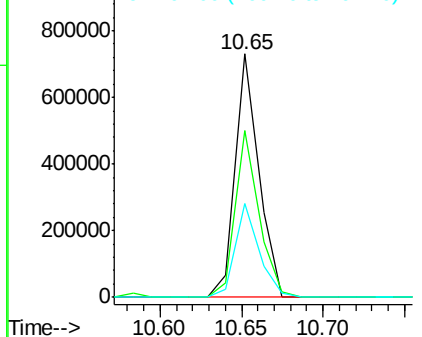
Tgt Ion:	169	Resp:	723965
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.4	81.6
167	38.4	30.6	46.0

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 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: 54.75 ng

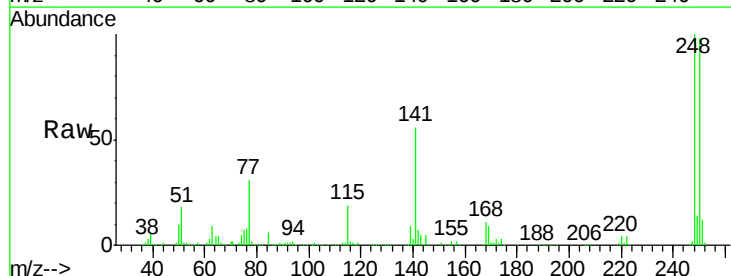
RT: 11.03 min Scan# 778

Delta R.T. 0.00 min

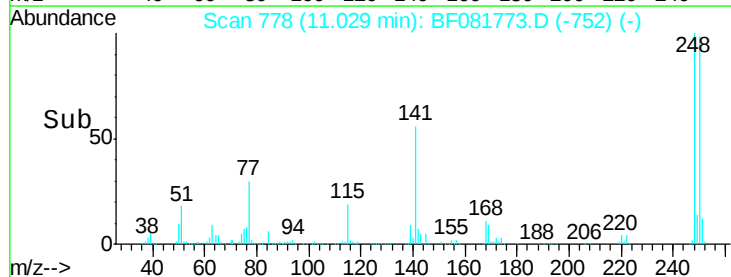
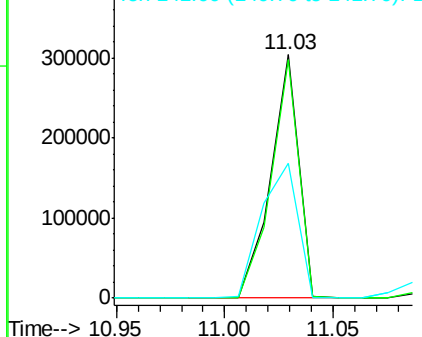
Lab File: BF081773.D

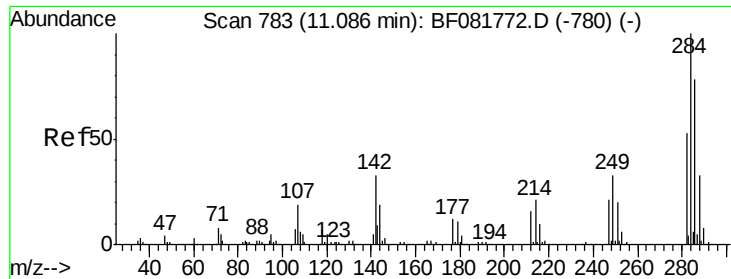
Acq: 24 Sep 2015 19:56

Tgt Ion:	248	Resp:	275790
Ion Ratio	Lower	Upper	
248	100		
250	98.0	79.0	118.6
141	55.6	38.9	58.3



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





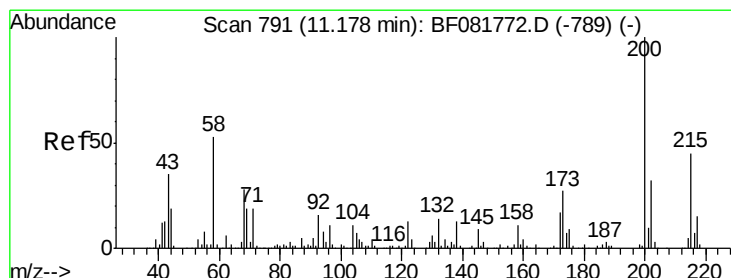
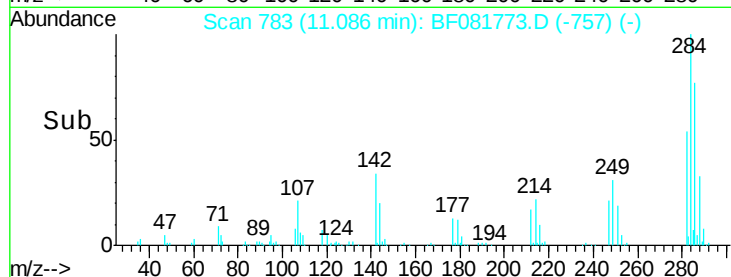
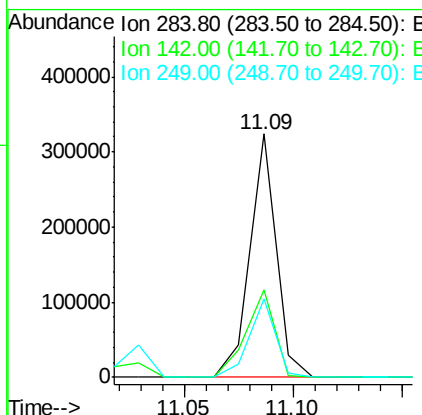
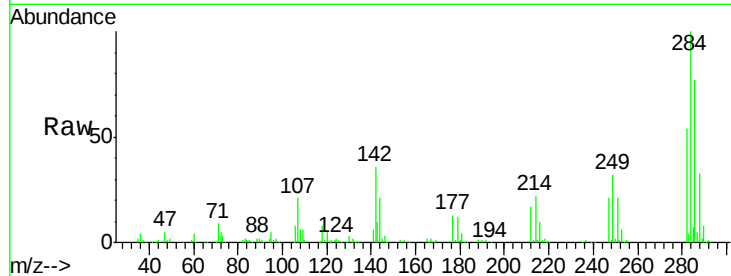
#67
Hexachlorobenzene
Concen: 52.09 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	272643		
142	35.9	26.1	39.1	
249	32.3	26.2	39.4	

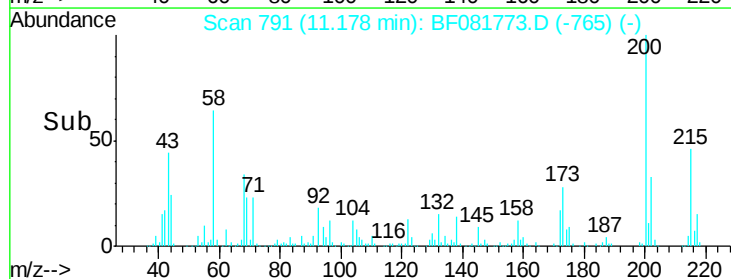
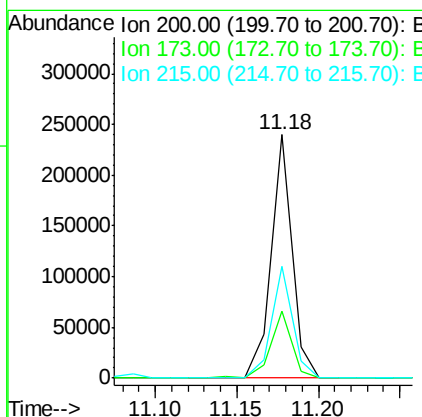
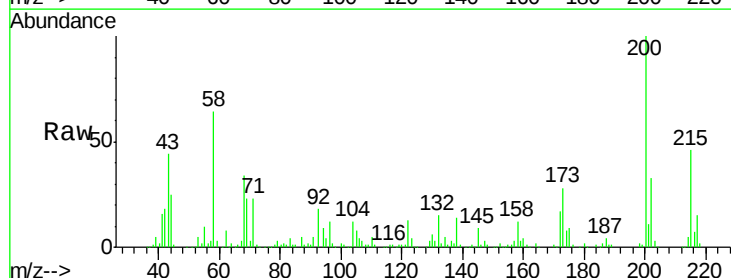
Manual Integrations
APPROVED

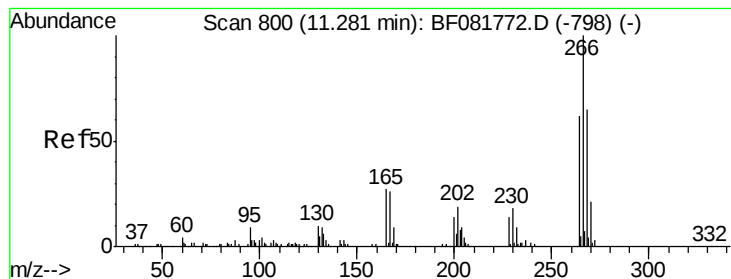
MMDadoda
9/25/2015 3:36:28 PM



#68
Atrazine
Concen: 42.50 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	216327		
173	27.6	7.4	47.4	
215	45.8	25.2	65.2	





#69

Pentachlorophenol

Concen: 70.74 ng

RT: 11.28 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

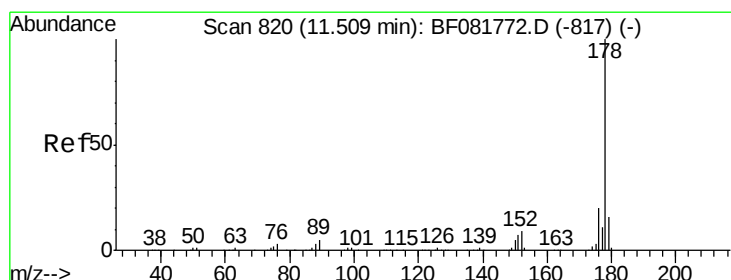
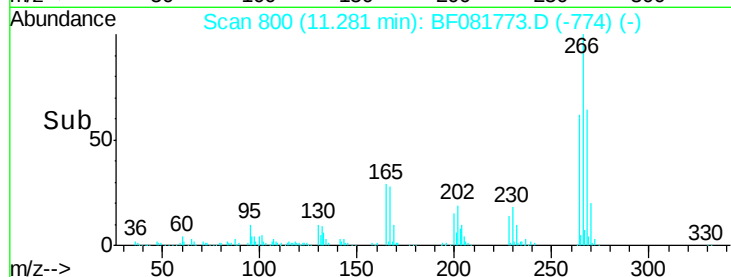
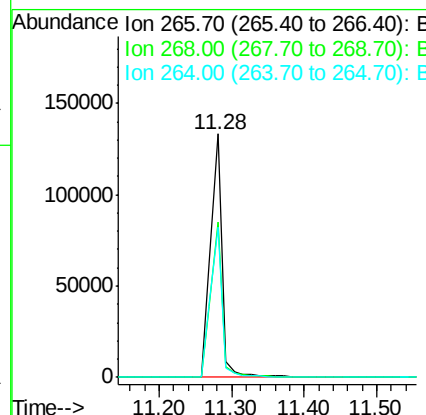
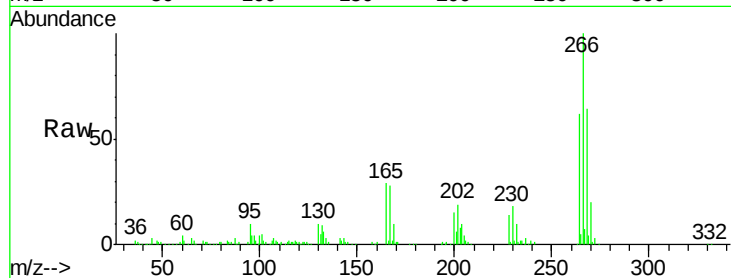
ClientSampleId :

SSTDIC050

Tgt Ion:	266	Resp:	148183
Ion Ratio		Lower	Upper
266	100		
268	63.7	52.3	78.5
264	61.6	49.7	74.5

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#70

Phenanthrene

Concen: 50.19 ng

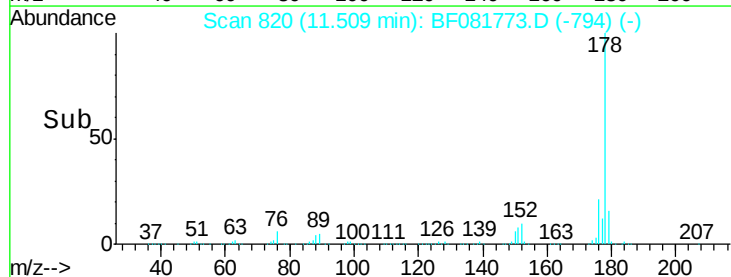
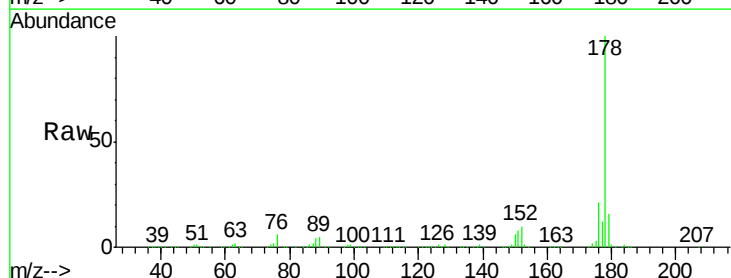
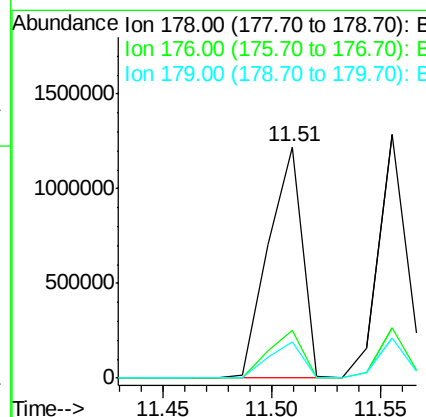
RT: 11.51 min Scan# 820

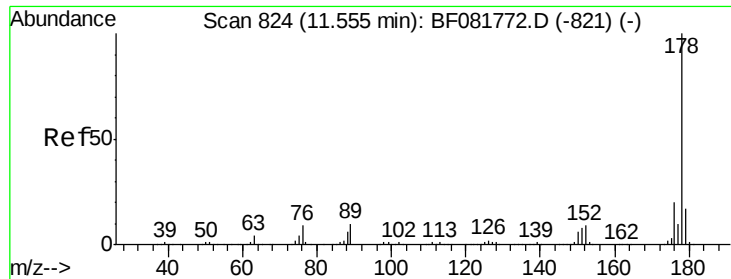
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	178	Resp:	1336901
Ion Ratio		Lower	Upper
178	100		
176	20.7	16.2	24.4
179	15.7	12.5	18.7





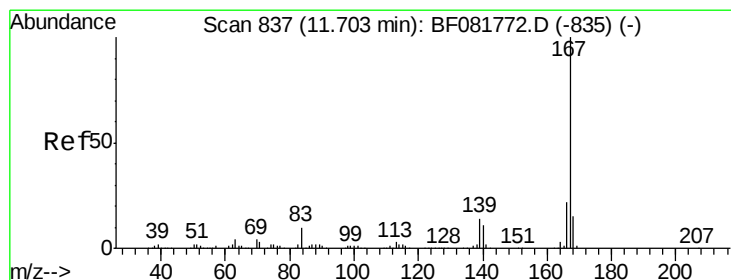
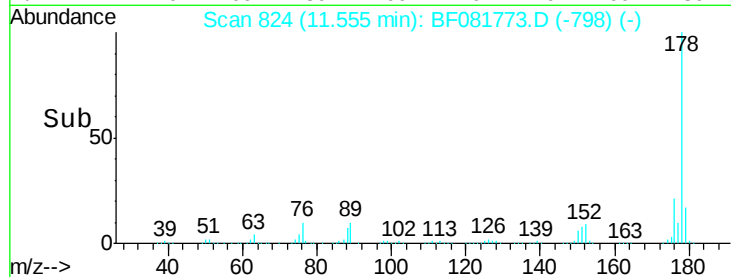
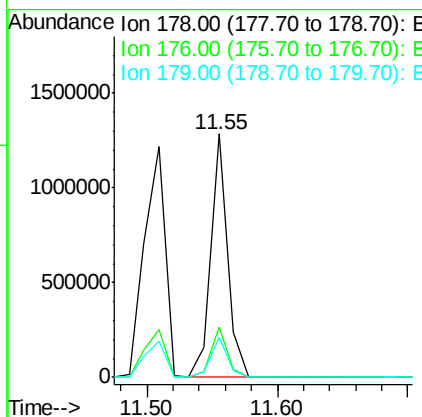
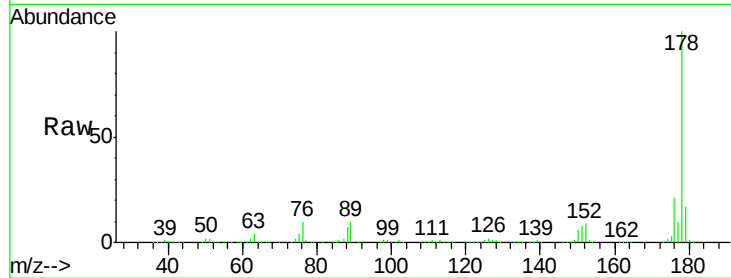
#71
 Anthracene
 Concen: 42.42 ng
 RT: 11.55 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 1158302
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.3 24.5
 179 16.5 13.3 19.9

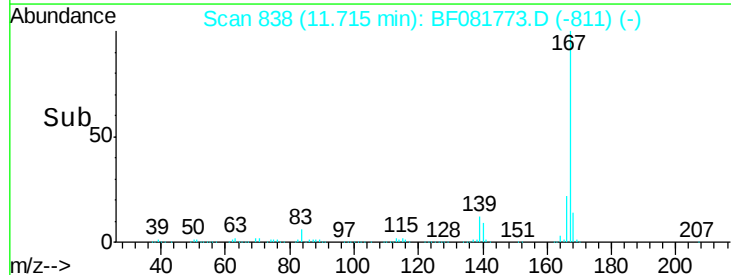
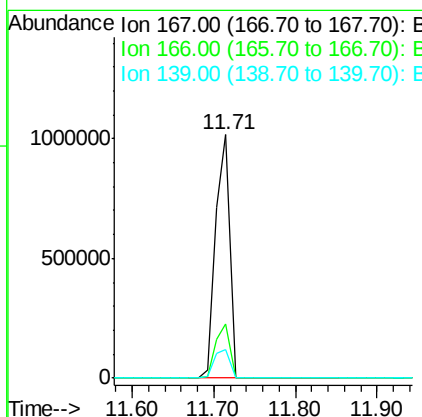
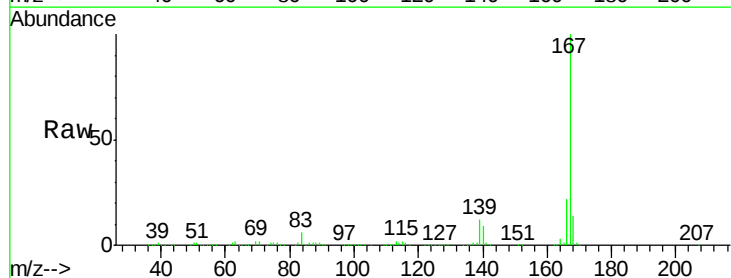
Manual Integrations
 APPROVED

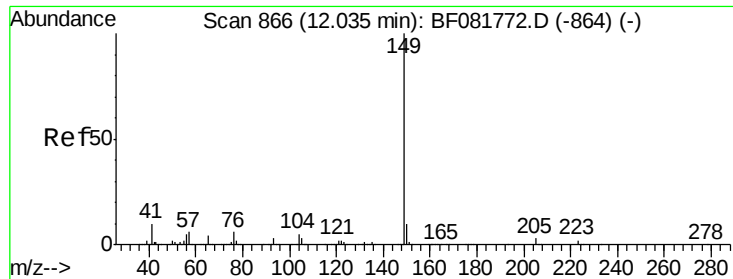
MMDadoda
 9/25/2015 3:36:28 PM



#72
 Carbazole
 Concen: 47.33 ng
 RT: 11.71 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion:167 Resp: 1216768
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 44.86 ng

RT: 12.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 1362005

Ion Ratio Lower Upper

149 100

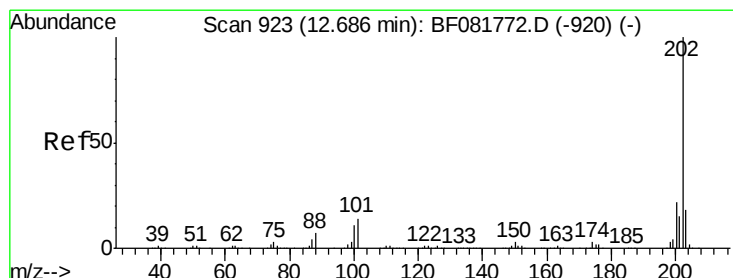
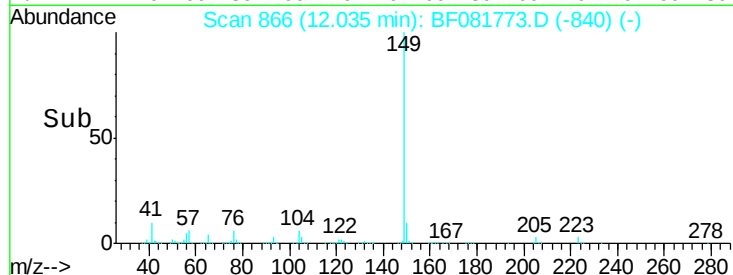
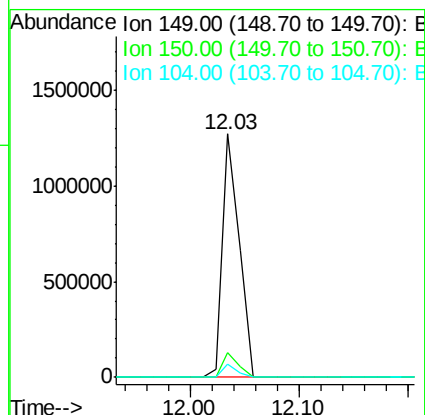
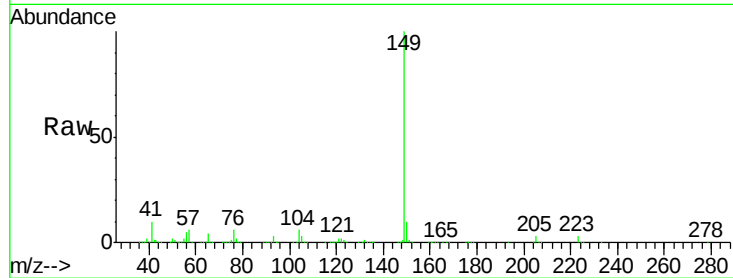
150 10.2 8.0 12.0

104 5.5 4.2 6.4

Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:36:28 PM



#74

Fluoranthene

Concen: 44.07 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

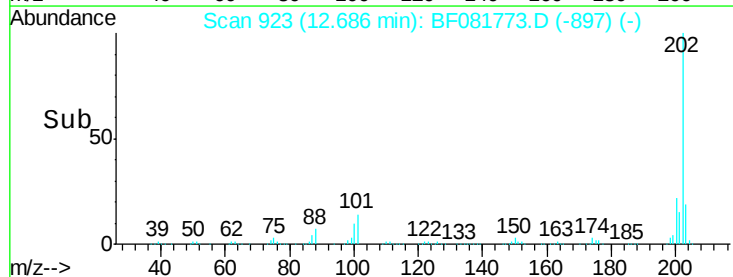
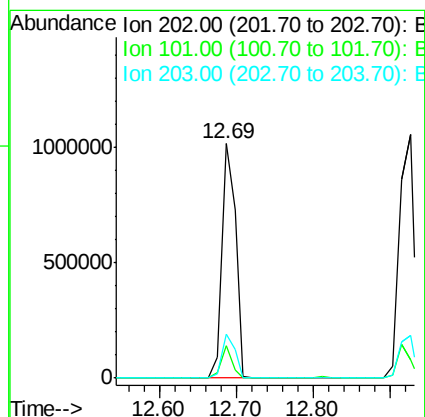
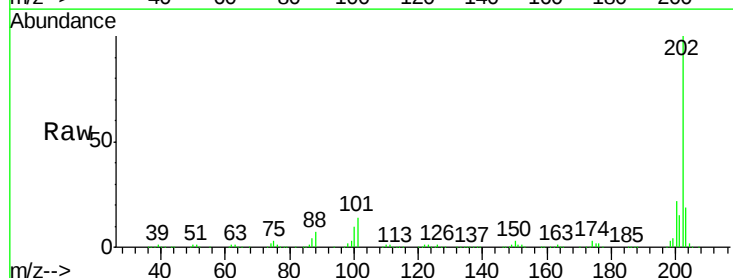
Tgt Ion:202 Resp: 1265764

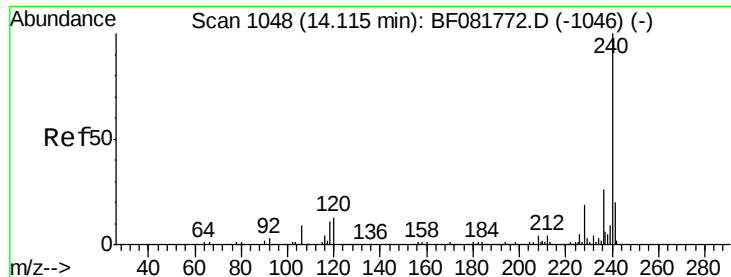
Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.0

203 18.8 0.0 38.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

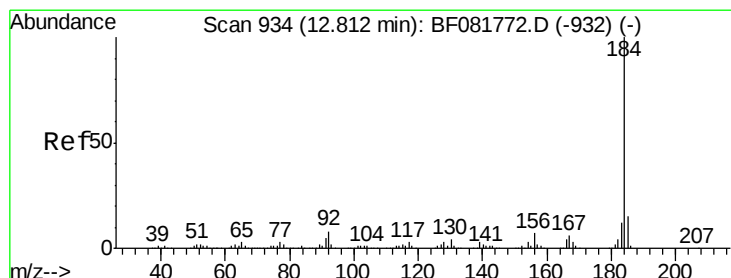
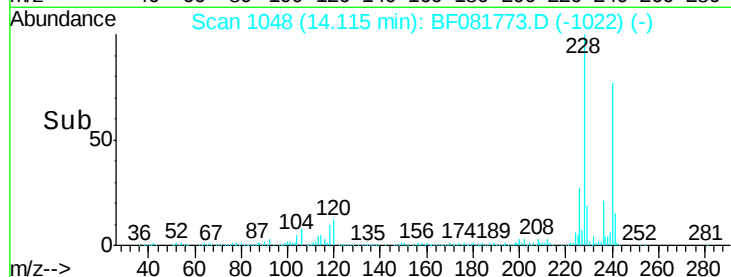
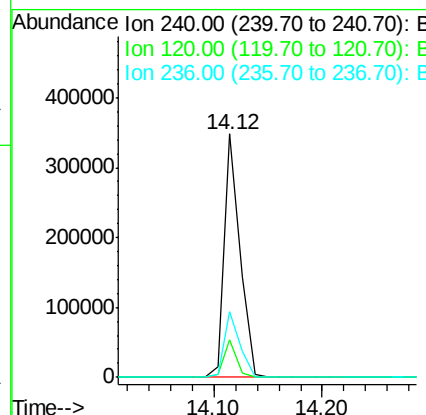
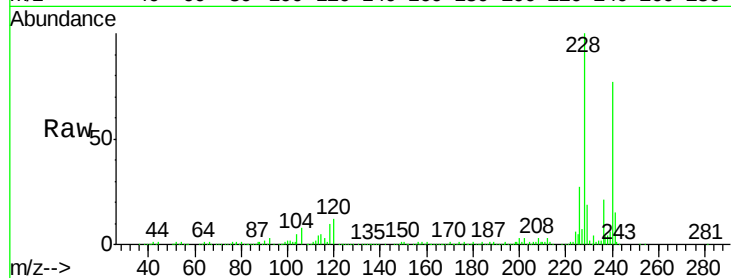
ClientSampleId :

SSTDICC050

Tgt Ion:	240	Resp:	352705
Ion Ratio	Lower	Upper	
240	100		
120	15.2	10.2	15.2
236	26.8	21.1	31.7

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#76

Benzidine

Concen: 40.98 ng

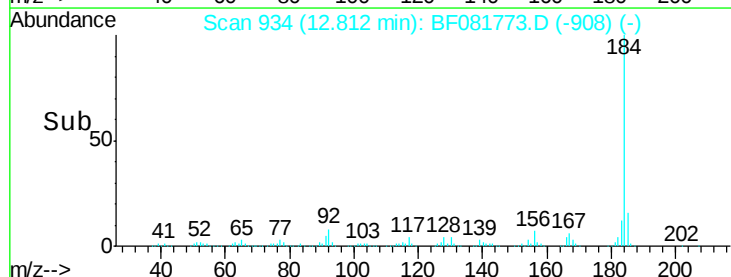
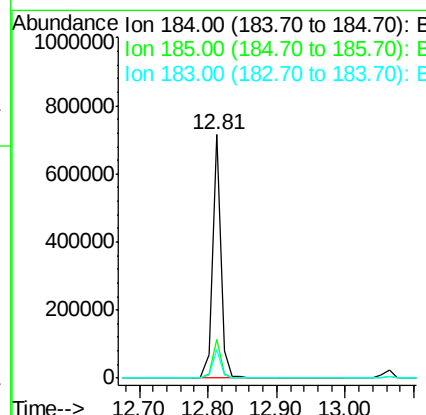
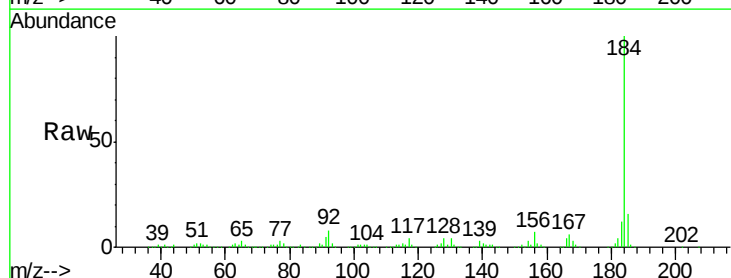
RT: 12.81 min Scan# 934

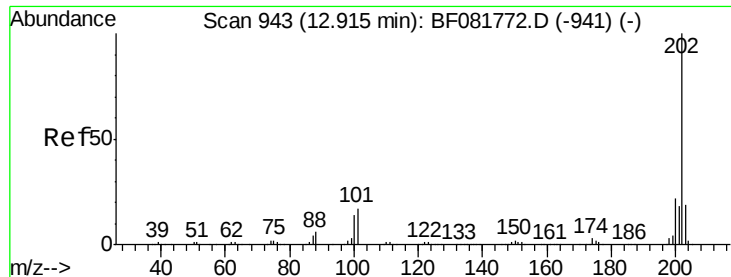
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	184	Resp:	605525
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.3	18.5
183	11.8	9.4	14.2





#77

Pyrene

Concen: 52.75 ng

RT: 12.93 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 202 Resp: 1356069

Ion Ratio Lower Upper

202 100

200 22.0 17.9 26.9

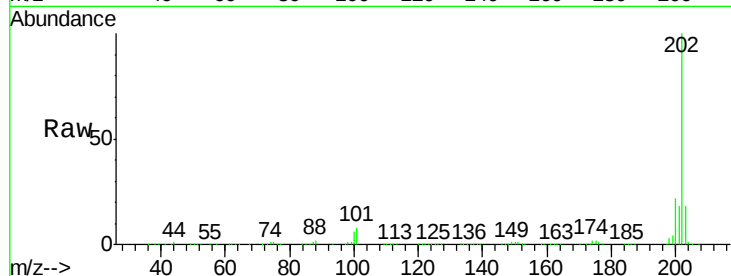
203 17.7 15.0 22.4

Manual Integrations

APPROVED

MMDadoda

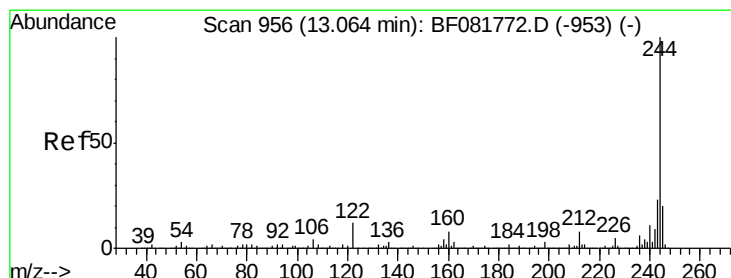
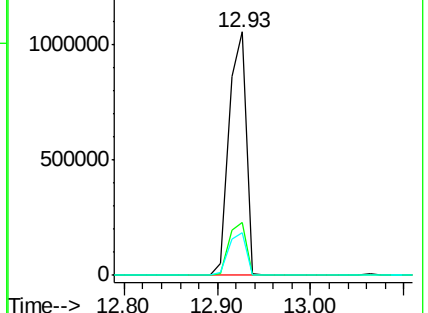
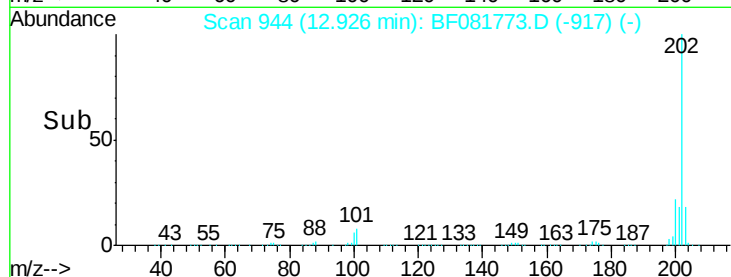
9/25/2015 3:36:28 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.88 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

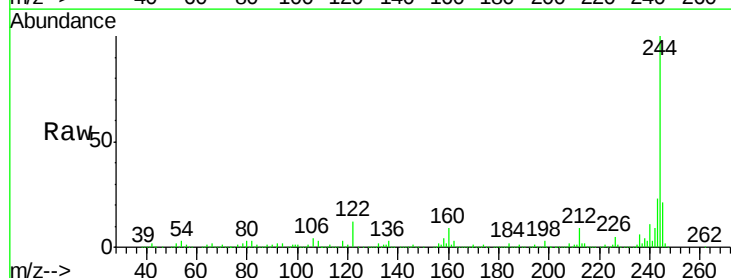
Tgt Ion: 244 Resp: 1393818

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

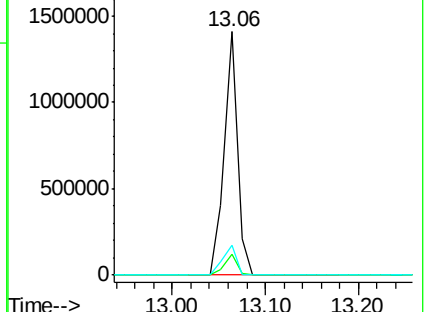
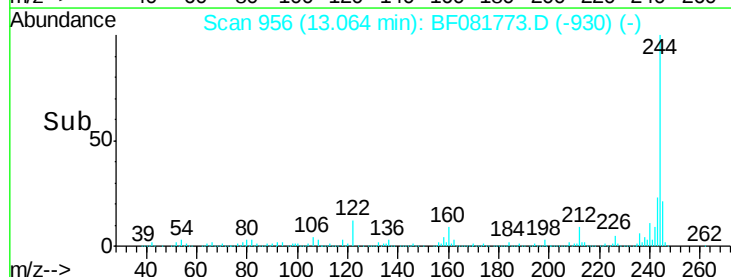
122 12.0 9.2 13.8

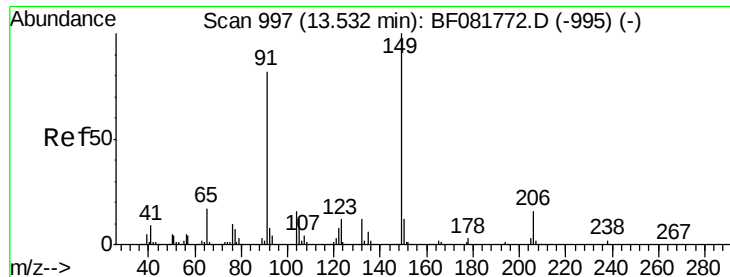


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.90 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

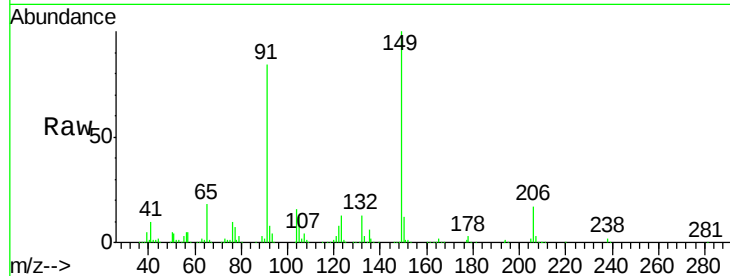
ClientSampleId :

SSTDICC050

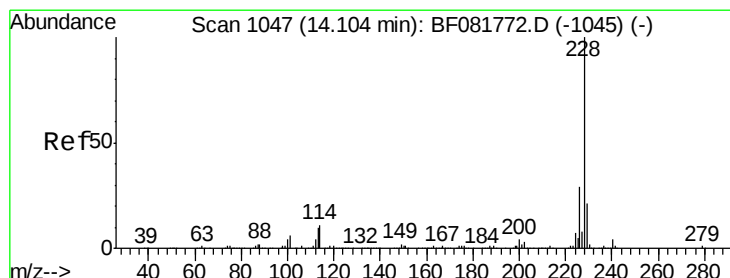
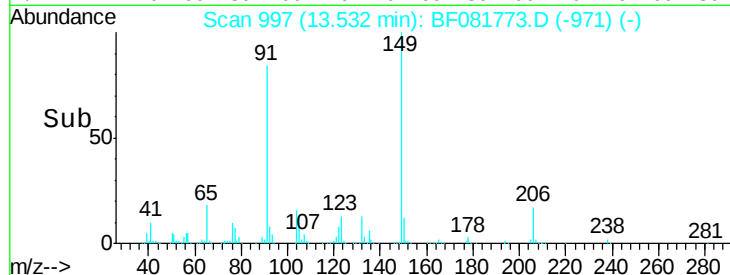
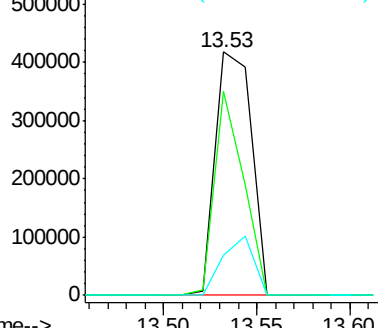
Tgt Ion:	149	Resp:	562319
Ion Ratio	Lower	Upper	
149	100		
91	83.6	65.8	98.8
206	16.6	13.2	19.8

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



Abundance Ion 149.00 (148.70 to 149.70): E



#80

Benzo(a)anthracene

Concen: 47.44 ng

RT: 14.10 min Scan# 1047

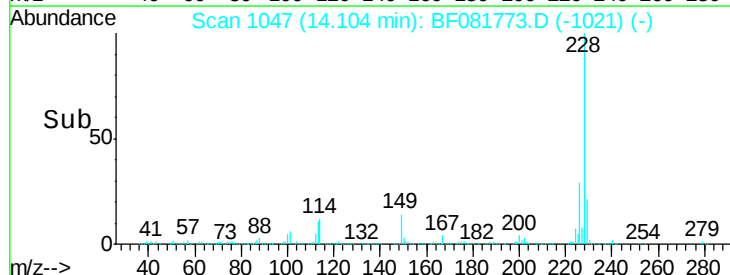
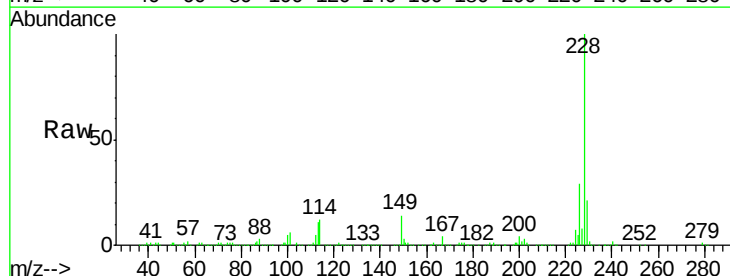
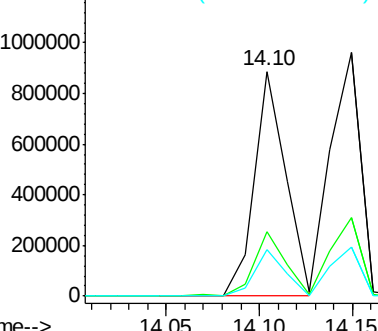
Delta R.T. -0.00 min

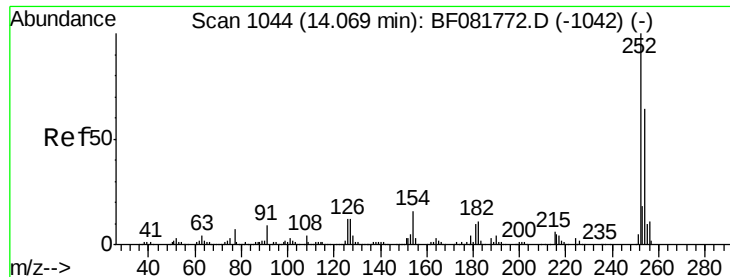
Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	228	Resp:	1043062
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.0	34.4
229	20.8	16.6	25.0

Abundance Ion 228.00 (227.70 to 228.70): E





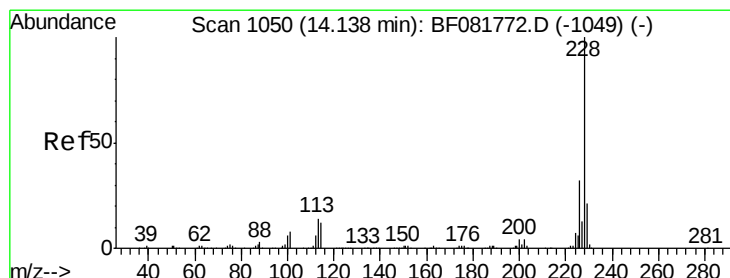
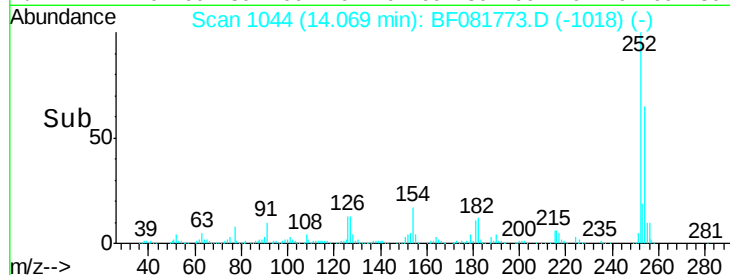
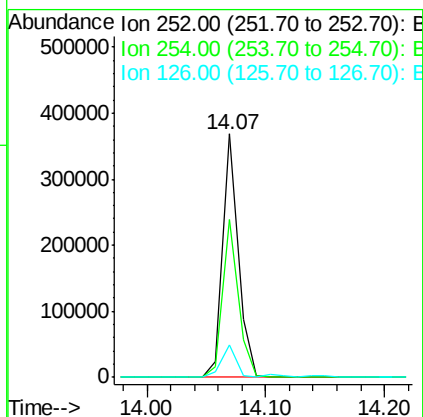
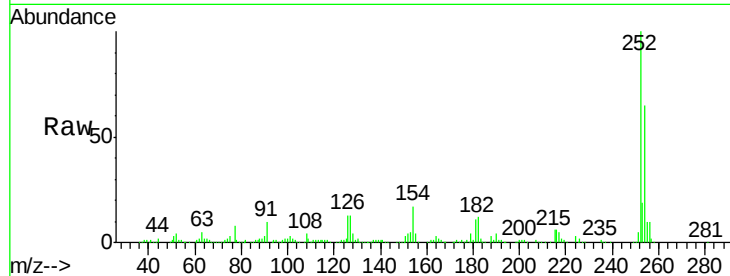
#81
 3,3'-Dichlorobenzidine
 Concen: 44.24 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	332751		
254	65.0		51.4	77.0
126	13.5		9.6	14.4

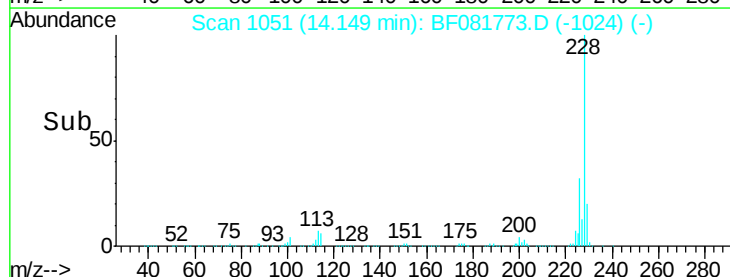
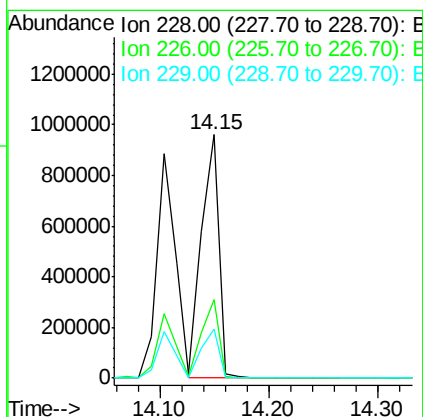
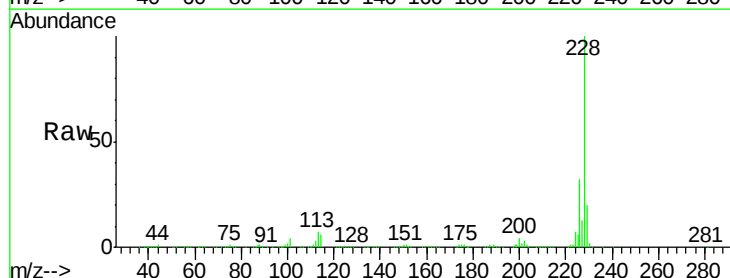
Manual Integrations
 APPROVED

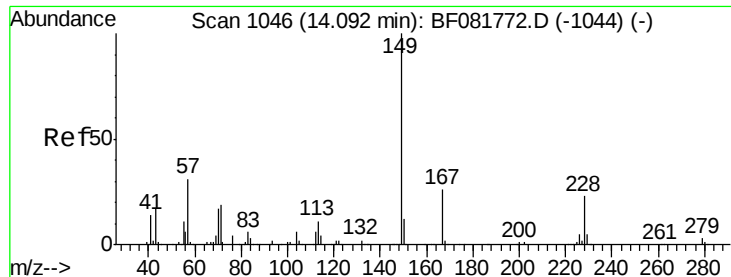
MMDadoda
 9/25/2015 3:36:28 PM



#82
 Chrysene
 Concen: 52.82 ng
 RT: 14.15 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1078131		
226	32.1		25.2	37.8
229	20.2		16.6	24.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.04 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

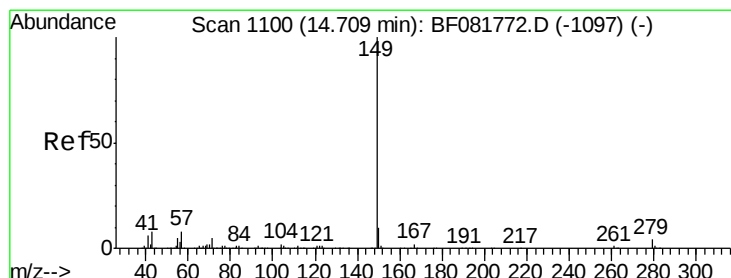
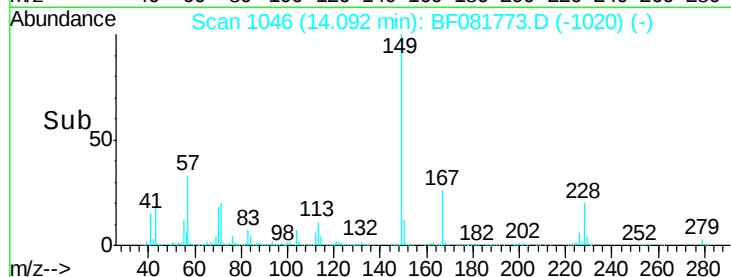
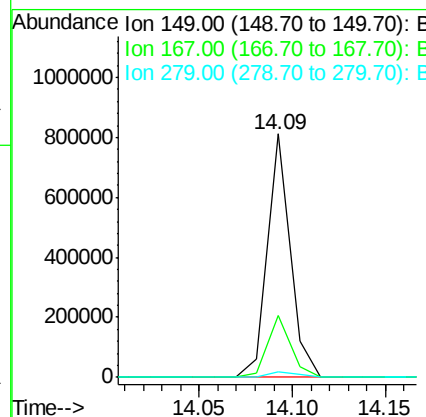
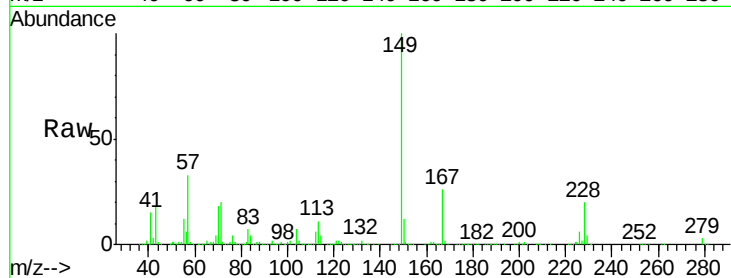
ClientSampleId :

SSTDICC050

Tgt Ion:	149	Resp:	686157
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.7	31.1
279	2.5	2.2	3.4

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#84

Di-n-octyl phthalate

Concen: 42.73 ng

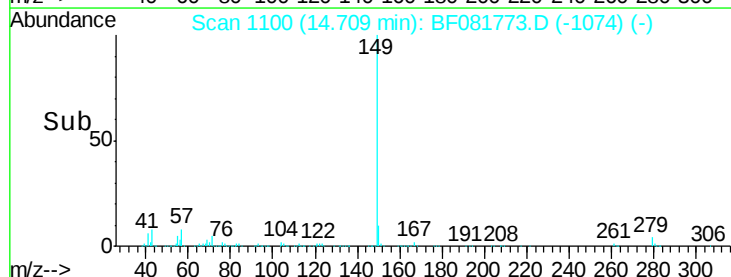
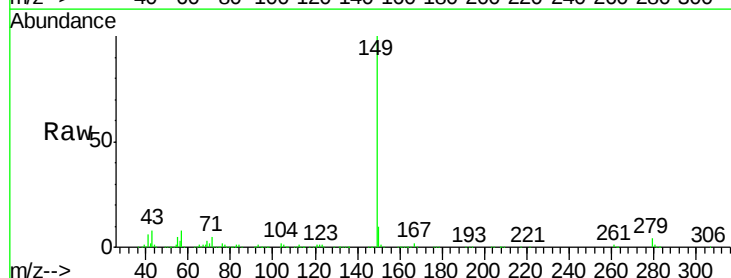
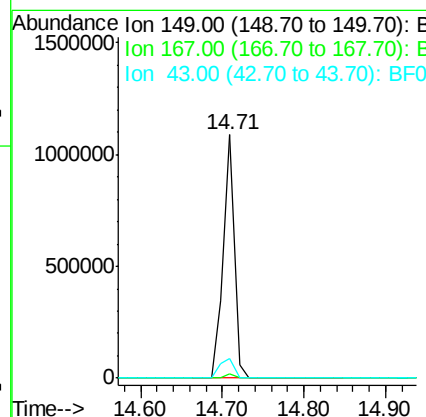
RT: 14.71 min Scan# 1100

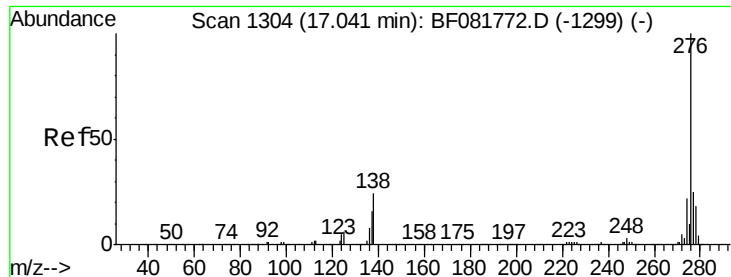
Delta R.T. 0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	149	Resp:	1031600
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	10.6	0.0	0.0#





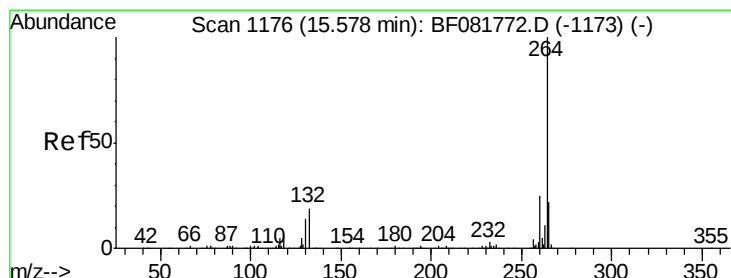
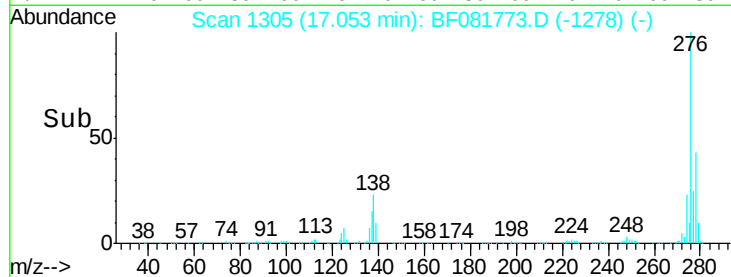
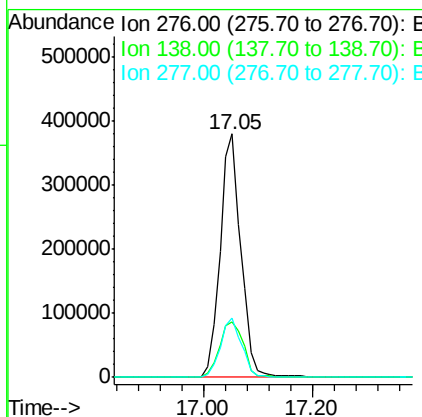
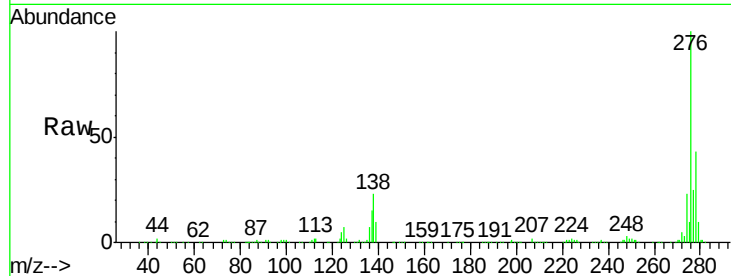
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 66.73 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	0.0	0.0#
277	25.1	0.0	0.0#

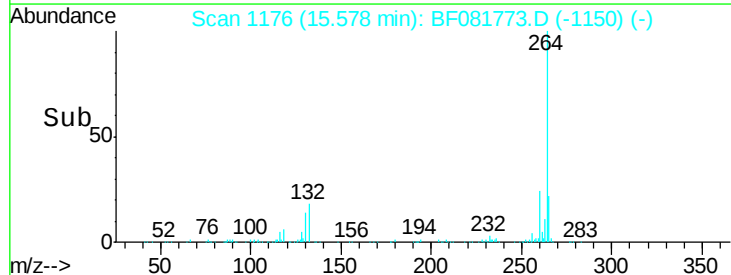
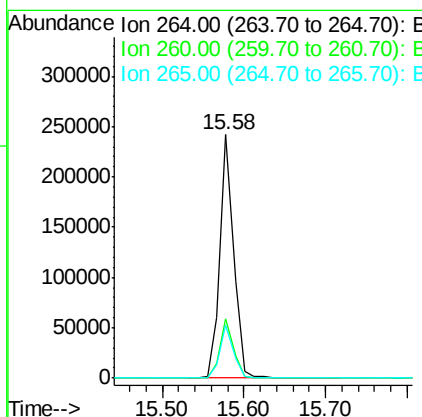
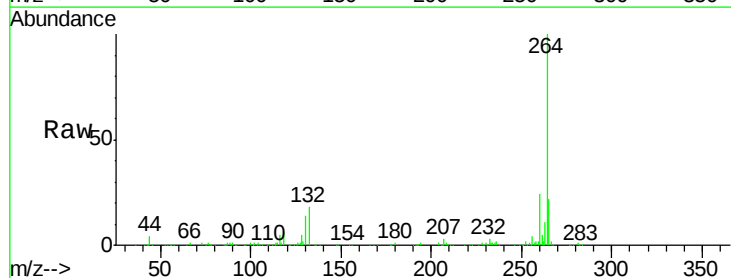
Manual Integrations
 APPROVED

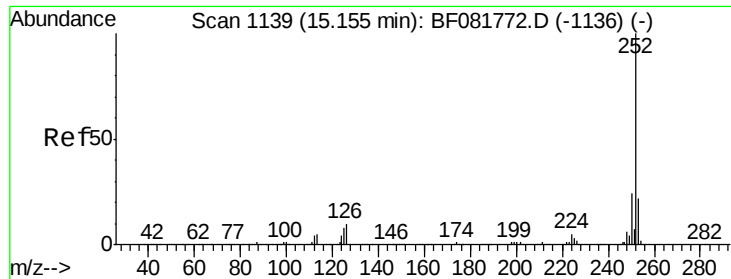
MMDadoda
 9/25/2015 3:36:28 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081773.D
 Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.8	17.6	26.4





#87

Benzo(b)fluoranthene

Concen: 43.65 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

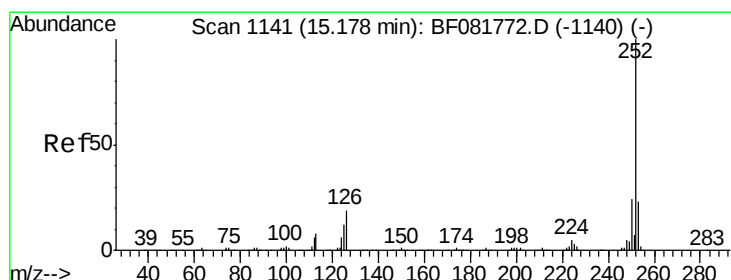
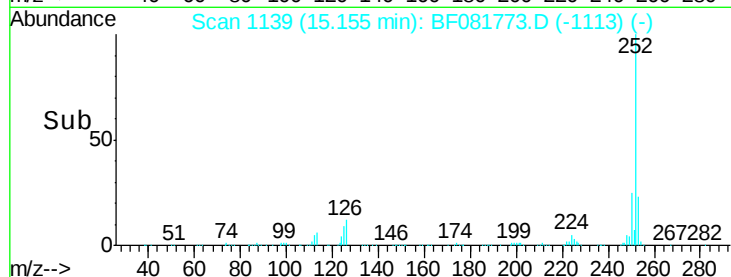
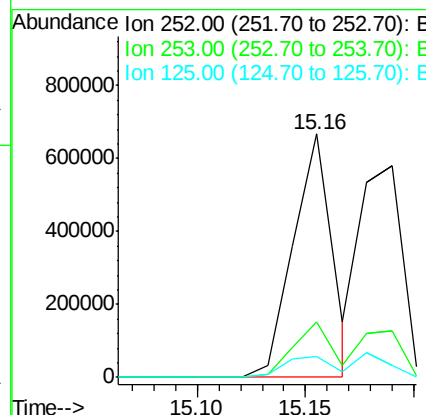
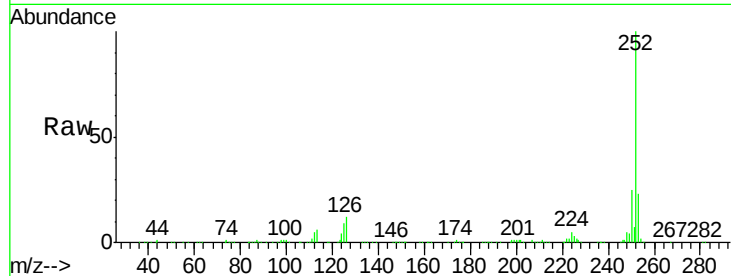
ClientSampleId :

SSTDIC050

Tgt Ion:	252	Resp:	831683
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	8.8	6.2	9.4

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM



#88

Benzo(k)fluoranthene

Concen: 47.07 ng m

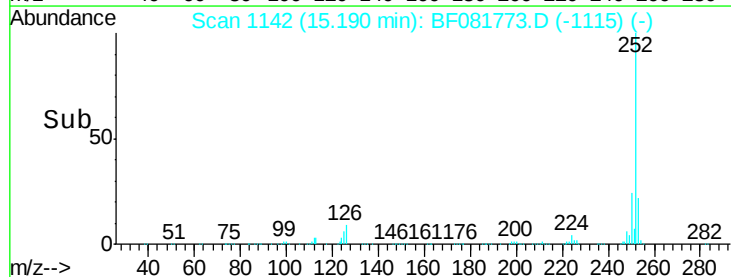
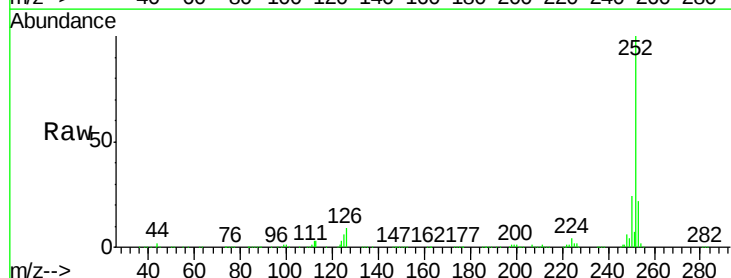
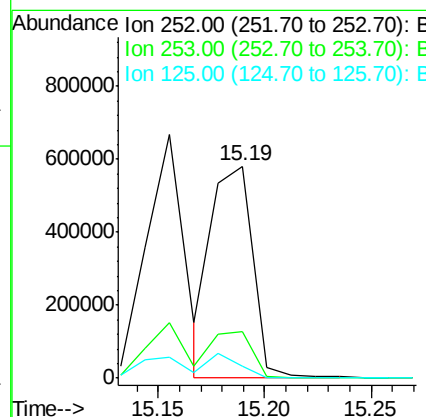
RT: 15.19 min Scan# 1142

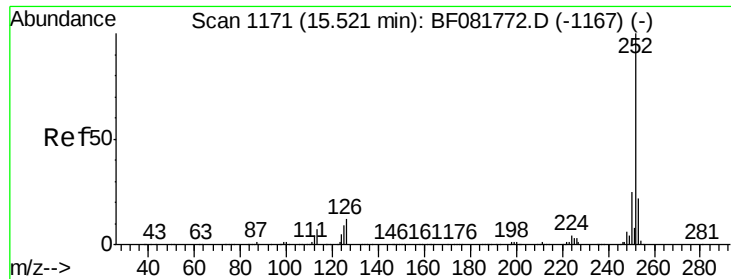
Delta R.T. 0.01 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Tgt Ion:	252	Resp:	794770
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	5.8	10.1	15.1#





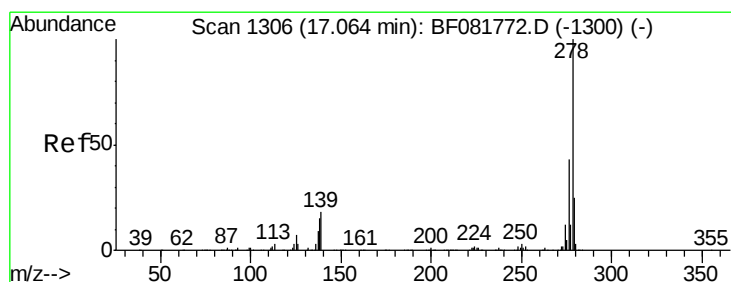
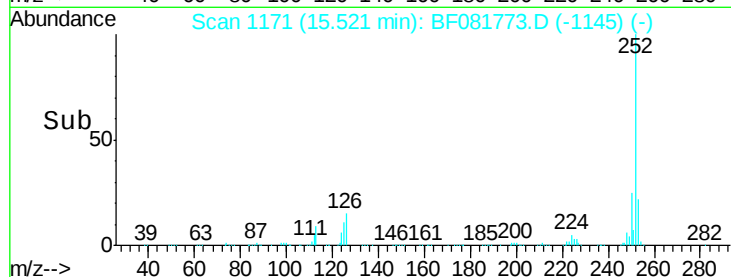
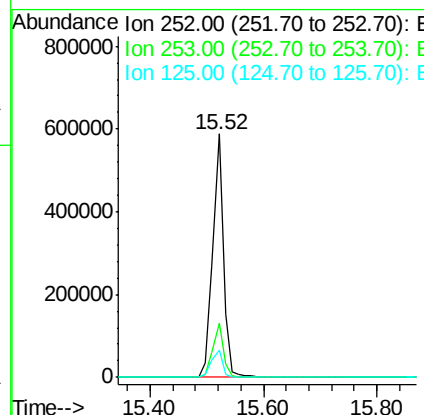
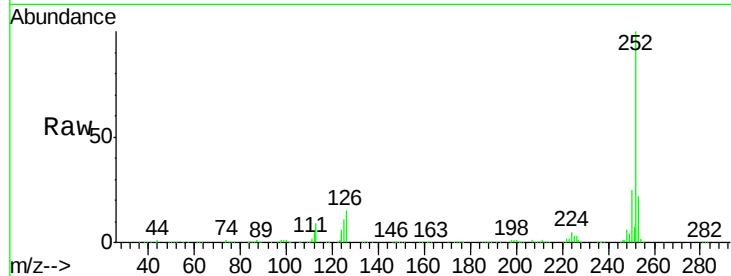
#89
Benzo(a)pyrene
Concen: 43.93 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.4	7.5	11.3

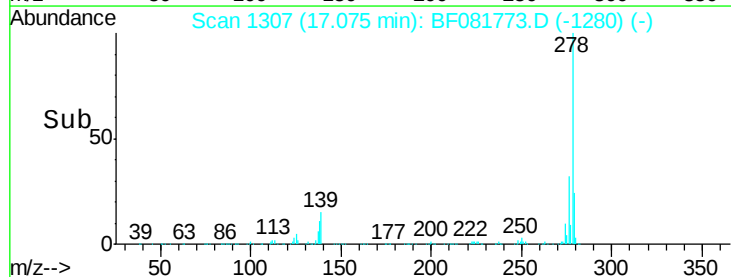
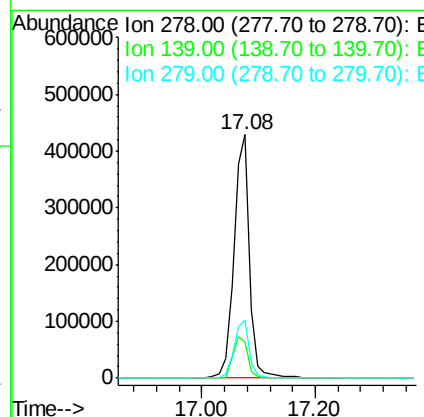
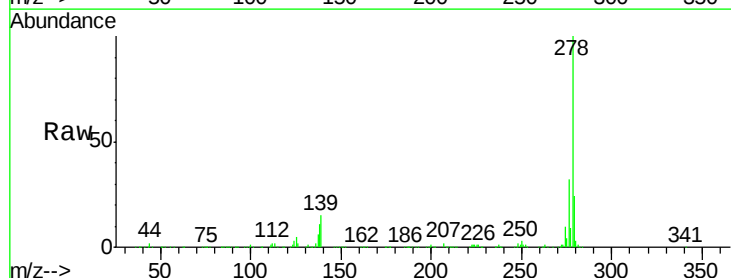
Manual Integrations
APPROVED

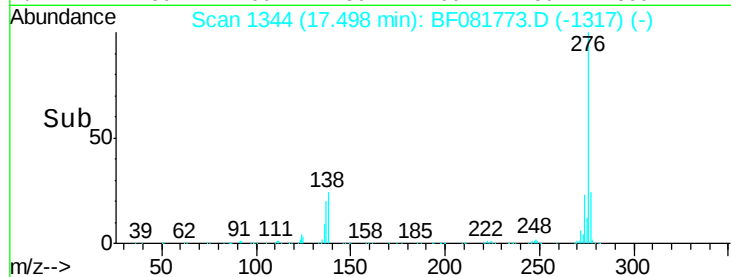
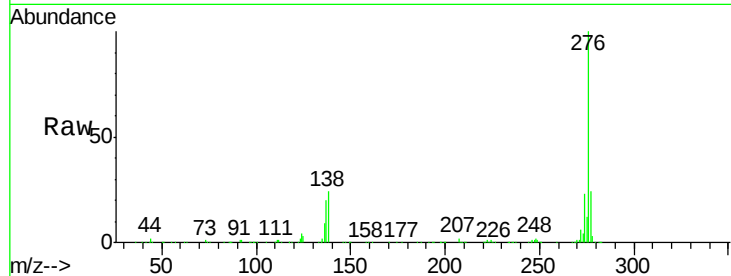
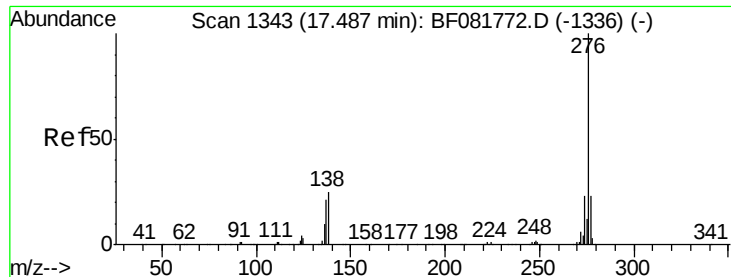
MMDadoda
9/25/2015 3:36:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 61.02 ng
RT: 17.08 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF081773.D
Acq: 24 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.4	21.6
279	23.7	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 65.06 ng

RT: 17.50 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF081773.D

Acq: 24 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 276 Resp: 847912

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 24.1 20.2 30.2

Manual Integrations
APPROVED

MMDadoda
9/25/2015 3:36:28 PM

