

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080845.D
 Acq On : 4 Aug 2015 18:44
 Operator : TP/UM
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:00:28 PM

Quant Time: Aug 05 01:28:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 00:58:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	63976	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	243642	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	97710	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	163866	20.00	ng	0.00
75) Chrysene-d12	13.96	240	100658	20.00	ng	0.00
86) Perylene-d12	15.37	264	91160	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	425744	109.28	ng	0.00
7) Phenol-d6	6.45	99	538344	103.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	486721	96.58	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	97450	104.97	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	652258	97.77	ng	0.00
78) Terphenyl-d14	12.92	244	582998	112.28	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.45	88	101015	50.43 ng	98
3) Pyridine	3.16	79	314127	58.20 ng	99
4) n-Nitrosodimethylamine	3.12	42	148536	50.95 ng	98
6) Aniline	6.49	93	384670	51.18 ng	100
8) 2-Chlorophenol	6.61	128	231628	53.46 ng	94
9) Benzaldehyde	6.37	77	183610	55.43 ng	98
10) Phenol	6.48	94	328263	53.60 ng	98
11) bis(2-Chloroethyl)ether	6.57	93	248034	55.94 ng	95
12) 1,3-Dichlorobenzene	6.77	146	240823m	49.78 ng	
13) 1,4-Dichlorobenzene	6.84	146	233823	48.93 ng	99
14) 1,2-Dichlorobenzene	7.00	146	232330	51.70 ng	97
15) Benzyl Alcohol	6.97	79	180419	50.37 ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	476061	54.36 ng	97
17) 2-Methylphenol	7.08	107	193065	50.71 ng	98
18) Hexachloroethane	7.34	117	95571	53.40 ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	174892	51.46 ng	# 88
20) 3+4-Methylphenols	7.24	107	238689	53.69 ng	# 79
22) Acetophenone	7.24	105	287747	48.34 ng	# 90
24) Nitrobenzene	7.41	77	286553	56.23 ng	92
25) Isophorone	7.65	82	441597	49.29 ng	97
26) 2-Nitrophenol	7.72	139	106875	49.43 ng	96
27) 2,4-Dimethylphenol	7.77	122	210553m	51.12 ng	
28) bis(2-Chloroethoxy)methane	7.86	93	256725	47.71 ng	99
29) 2,4-Dichlorophenol	7.96	162	162454	47.02 ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	190428	50.53 ng	98
31) Naphthalene	8.13	128	651258	53.48 ng	99
32) Benzoic acid	7.88	122	138603m	55.79 ng	
33) 4-Chloroaniline	8.18	127	241361	47.39 ng	97
34) Hexachlorobutadiene	8.26	225	109213	47.65 ng	97
35) Caprolactam	8.56	113	50747	53.21 ng	# 88
36) 4-Chloro-3-methylphenol	8.66	107	183436	49.27 ng	95
37) 2-Methylnaphthalene	8.82	142	359891	47.54 ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	166477	52.96 ng	98
40) Hexachlorocyclopentadiene	8.98	237	106889	55.95 ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080845.D
 Acq On : 4 Aug 2015 18:44
 Operator : TP/UM
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

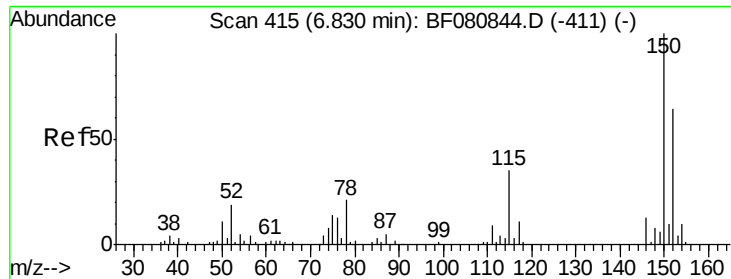
Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:00:28 PM

Quant Time: Aug 05 01:28:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 00:58:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	110203	49.83	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	112572	51.91	ng	# 78
45) 1,1'-Biphenyl	9.29	154	453098	59.93	ng	98
46) 2-Chloronaphthalene	9.31	162	352478	56.91	ng	97
47) 2-Nitroaniline	9.40	65	135635	58.32	ng	94
48) Acenaphthylene	9.72	152	566983	57.38	ng	99
49) Dimethylphthalate	9.58	163	322905	48.39	ng	99
50) 2,6-Dinitrotoluene	9.64	165	71207	49.47	ng	92
51) Acenaphthene	9.89	154	340559	56.91	ng	99
52) 3-Nitroaniline	9.81	138	97648	57.99	ng	82
53) 2,4-Dinitrophenol	9.92	184	48499	62.80	ng	# 84
54) Dibenzofuran	10.06	168	448318	56.74	ng	96
55) 4-Nitrophenol	9.96	139	64154	53.50	ng	92
56) 2,4-Dinitrotoluene	10.04	165	89412	48.84	ng	89
57) Fluorene	10.41	166	354207	58.42	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	79946	50.91	ng	97
59) Diethylphthalate	10.28	149	347291	53.87	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	140217	47.07	ng	97
61) 4-Nitroaniline	10.42	138	78002	49.56	ng	95
62) Azobenzene	10.56	77	412072	55.93	ng	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	58666	56.07	ng	71
65) n-Nitrosodiphenylamine	10.52	169	322180	55.98	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	91928	50.17	ng	92
67) Hexachlorobenzene	10.96	284	99234	49.22	ng	# 65
68) Atrazine	11.05	200	86698	65.43	ng	96
69) Pentachlorophenol	11.14	266	54658	49.40	ng	97
70) Phenanthrene	11.37	178	452698	52.83	ng	99
71) Anthracene	11.41	178	452169	51.76	ng	99
72) Carbazole	11.57	167	423269	57.72	ng	97
73) Di-n-butylphthalate	11.90	149	511565	55.72	ng	100
74) Fluoranthene	12.54	202	456147	54.14	ng	98
76) Benzidine	12.67	184	269904	83.86	ng	99
77) Pyrene	12.77	202	476219	61.27	ng	100
79) Butylbenzylphthalate	13.39	149	197479	64.98	ng	99
80) Benzo(a)anthracene	13.95	228	346384	59.09	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	130215	62.94	ng	# 92
82) Chrysene	14.00	228	355888	62.12	ng	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	265880	69.34	ng	99
84) Di-n-octyl phthalate	14.57	149	454753	73.66	ng	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	291953	56.17	ng	99
87) Benzo(b)fluoranthene	14.97	252	364428m	63.85	ng	
88) Benzo(k)fluoranthene	15.00	252	243294m	52.85	ng	
89) Benzo(a)pyrene	15.31	252	279471	59.65	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	243483	54.48	ng	99
91) Benzo(g,h,i)perylene	17.14	276	234775	50.73	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

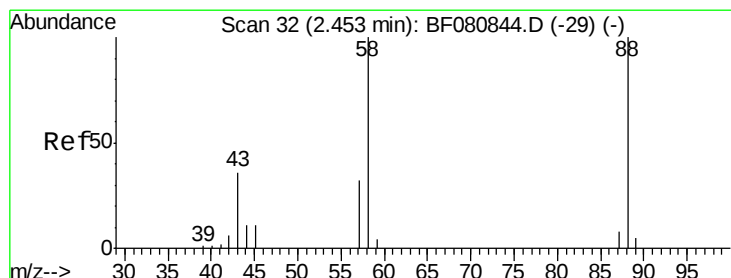
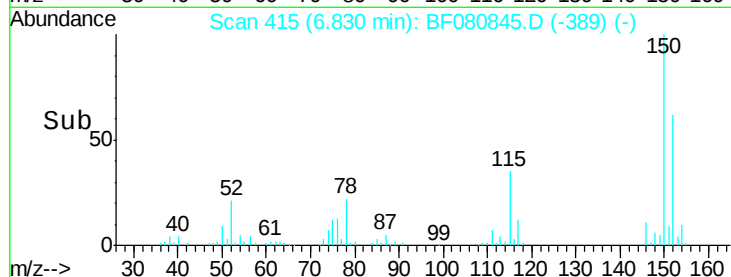
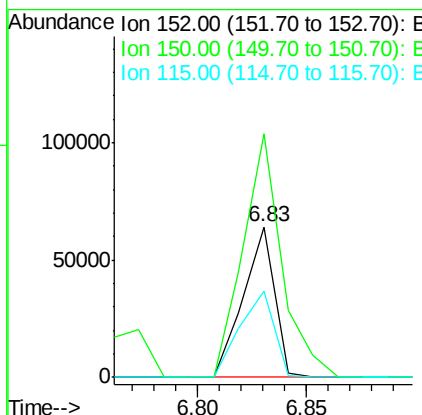
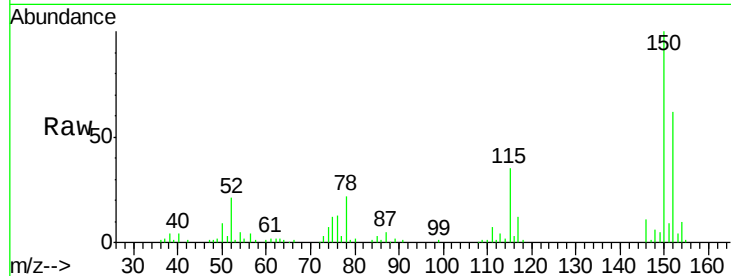
ClientSampleId :

SSTDICC050

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM

Tgt Ion:	152	Resp:	63976
Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	187.0
115	57.1	44.2	66.4



#2

1,4-Dioxane

Concen: 50.43 ng

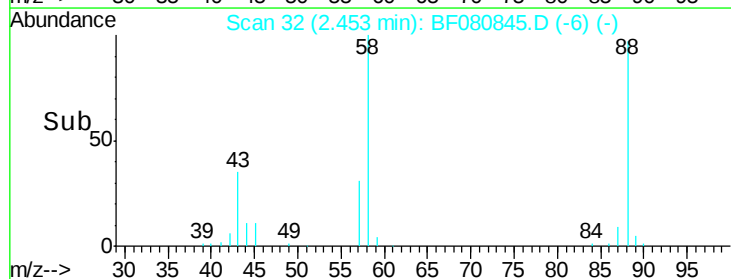
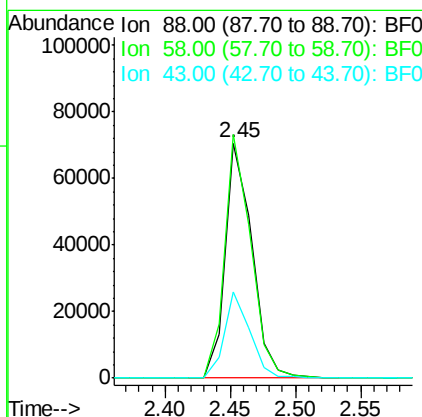
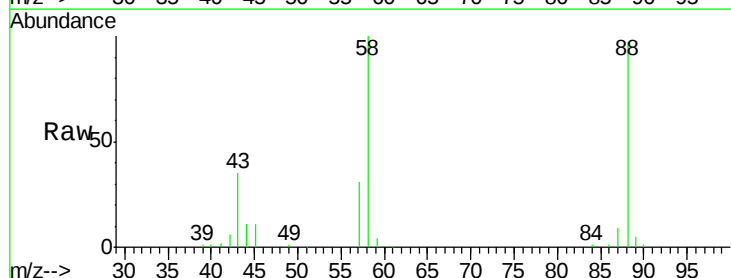
RT: 2.45 min Scan# 32

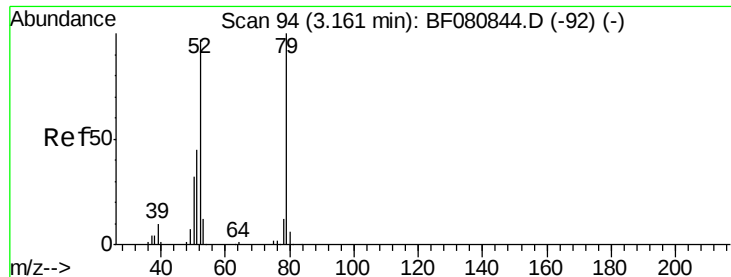
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	88	Resp:	101015
Ion	Ratio	Lower	Upper
88	100		
58	101.3	79.2	118.8
43	35.1	28.1	42.1





#3

Pyridine

Concen: 58.20 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

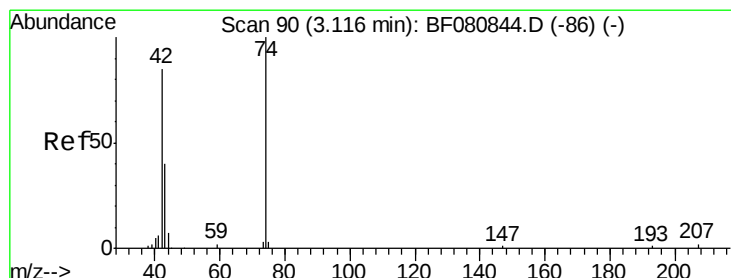
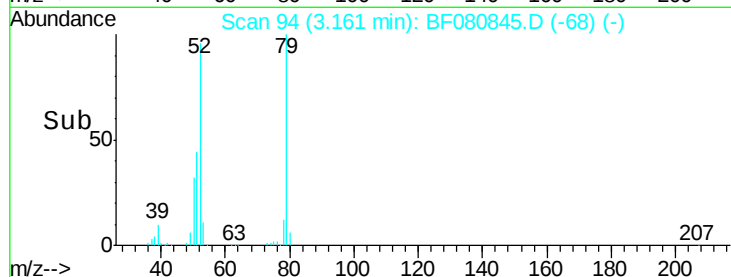
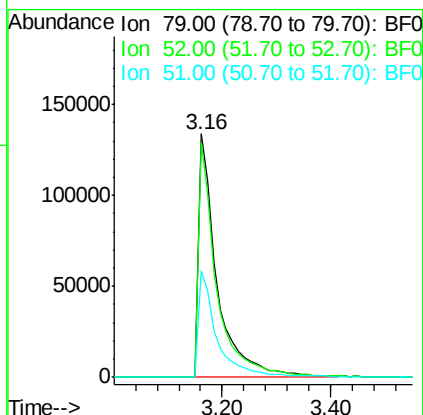
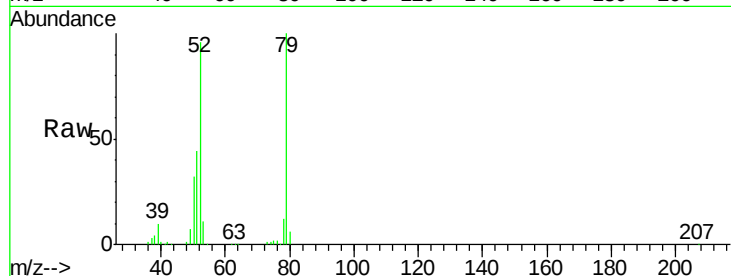
ClientSampleId :

SSTDIC050

Tgt Ion:	79	Resp:	314127
Ion	Ratio	Lower	Upper
79	100		
52	96.3	77.7	116.5
51	43.8	36.1	54.1

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#4

n-Nitrosodimethylamine

Concen: 50.95 ng

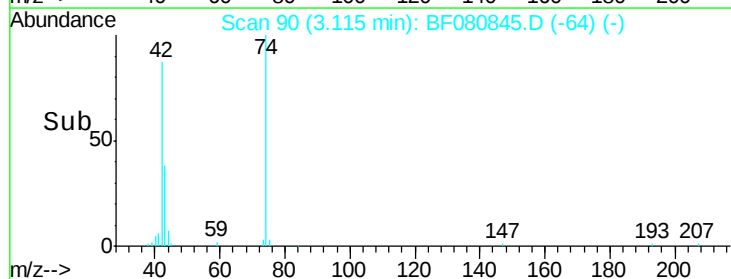
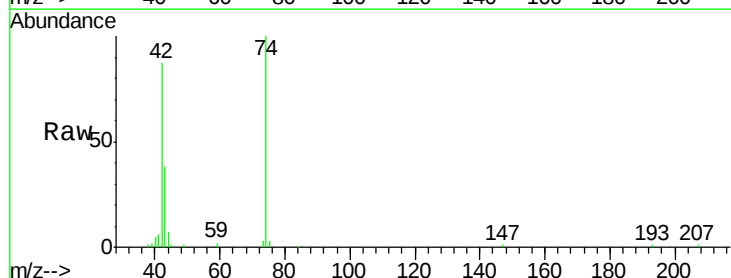
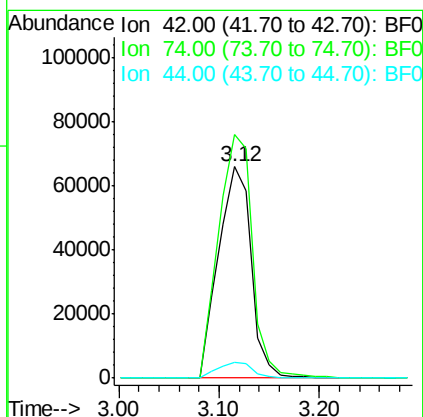
RT: 3.12 min Scan# 90

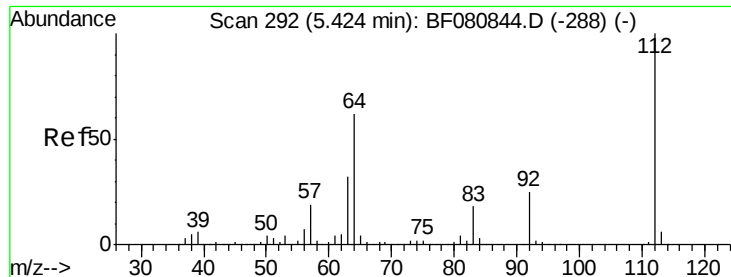
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	42	Resp:	148536
Ion	Ratio	Lower	Upper
42	100		
74	115.2	94.3	141.5
44	7.7	6.2	9.2





#5

2-Fluorophenol

Concen: 109.28 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF080845.D

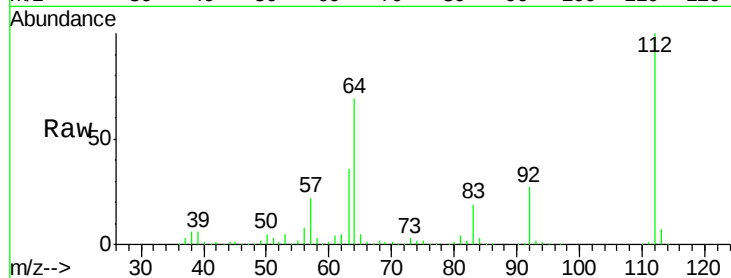
Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

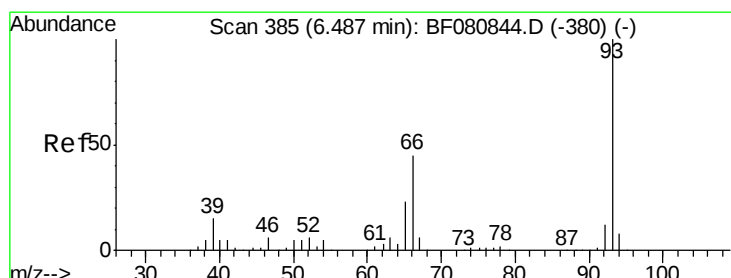
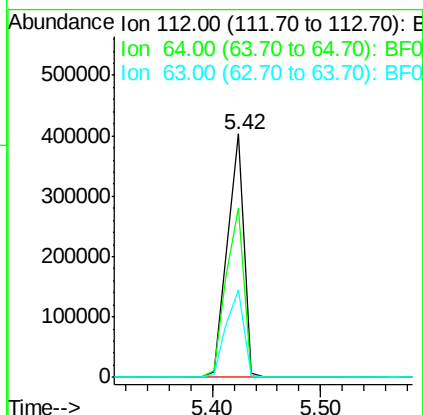
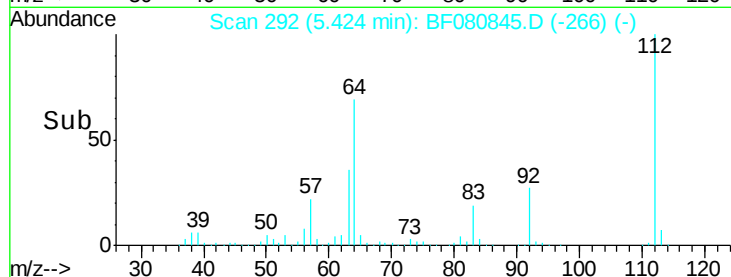
SSTDICC050



Tgt Ion:	112	Resp:	425744
Ion Ratio	Lower	Upper	
112	100		
64	69.5	49.5	74.3
63	35.8	25.3	37.9

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#6

Aniline

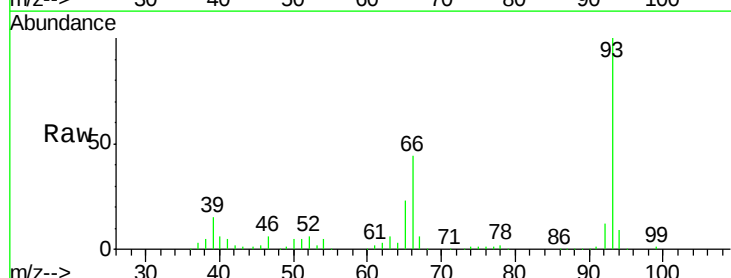
Concen: 51.18 ng

RT: 6.49 min Scan# 385

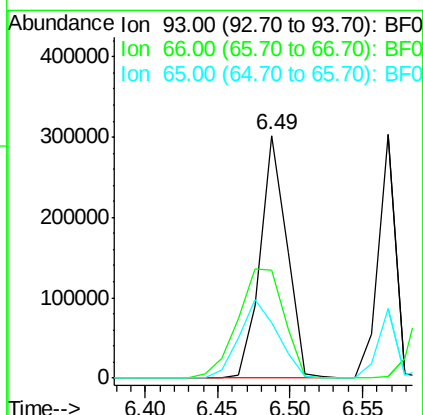
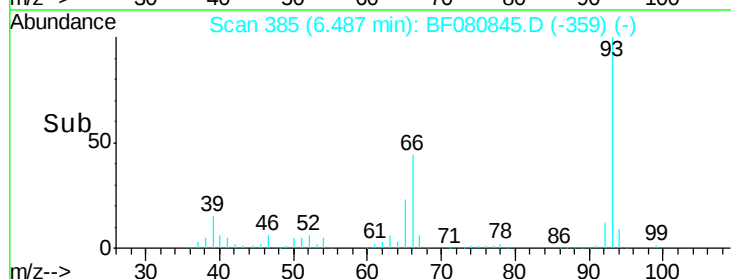
Delta R.T. -0.00 min

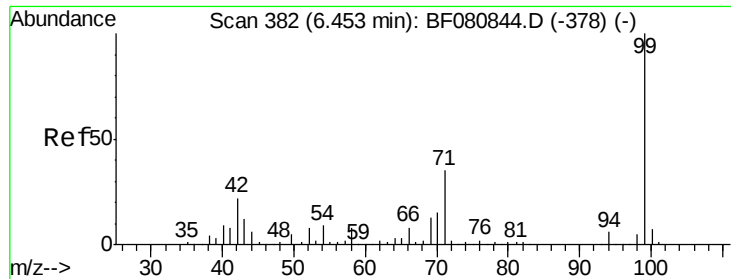
Lab File: BF080845.D

Acq: 4 Aug 2015 18:44



Tgt Ion:	93	Resp:	384670
Ion Ratio	Lower	Upper	
93	100		
66	44.4	35.8	53.6
65	22.7	18.2	27.2





#7

Phenol-d6

Concen: 103.24 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

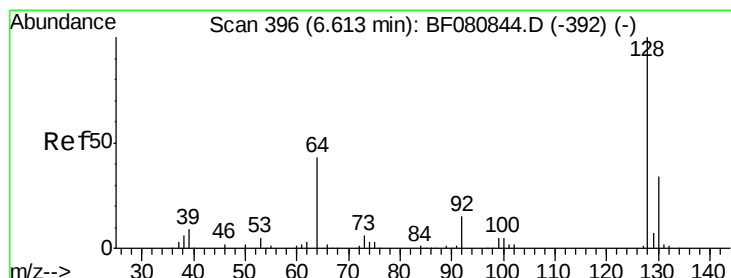
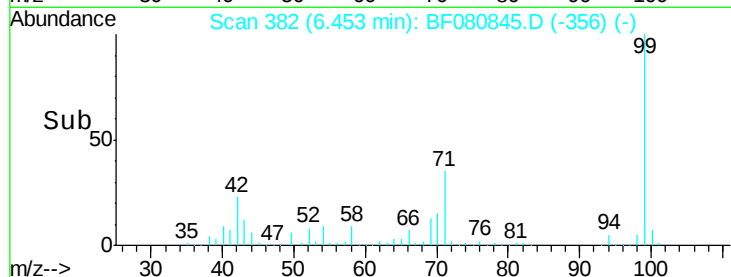
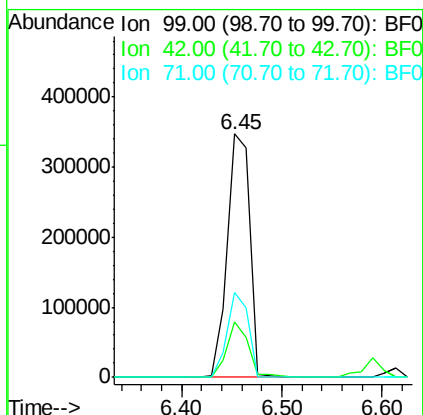
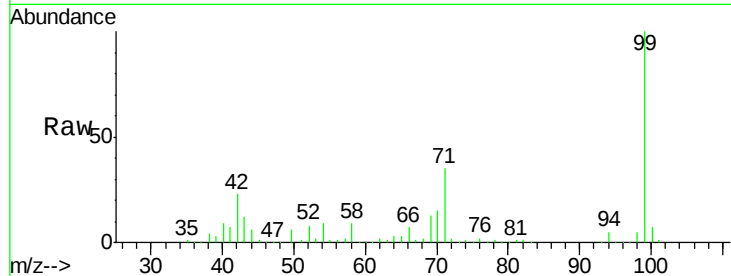
ClientSampleId :

SSTDICC050

Tgt Ion:	99	Resp:	538344
Ion Ratio	Lower	Upper	
99	100		
42	22.6	17.9	26.9
71	35.1	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#8

2-Chlorophenol

Concen: 53.46 ng

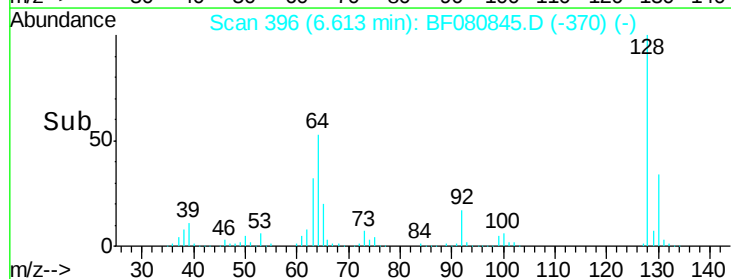
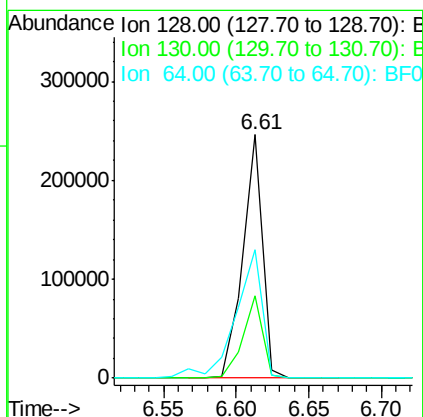
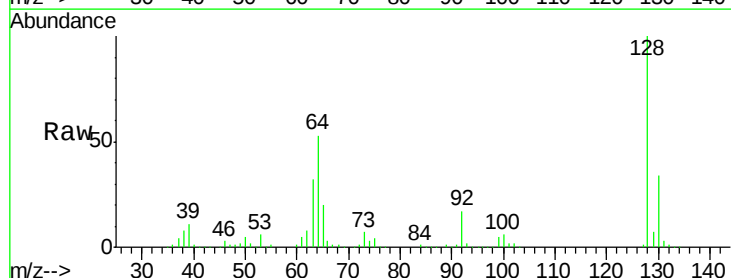
RT: 6.61 min Scan# 396

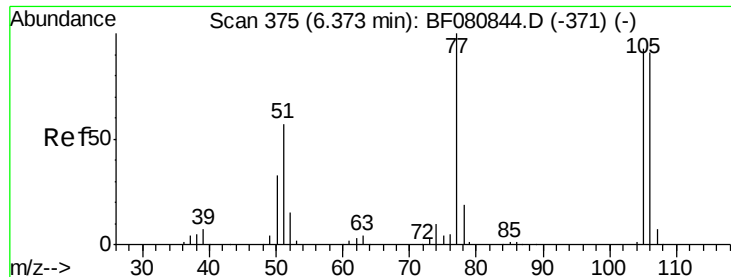
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	128	Resp:	231628
Ion Ratio	Lower	Upper	
128	100		
130	33.7	13.9	53.9
64	52.8	26.2	66.2





#9

Benzaldehyde

Concen: 55.43 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF080845.D

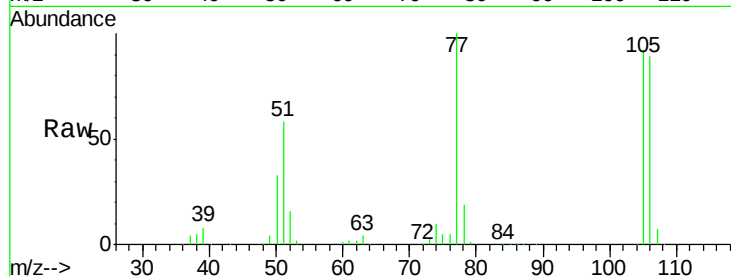
Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

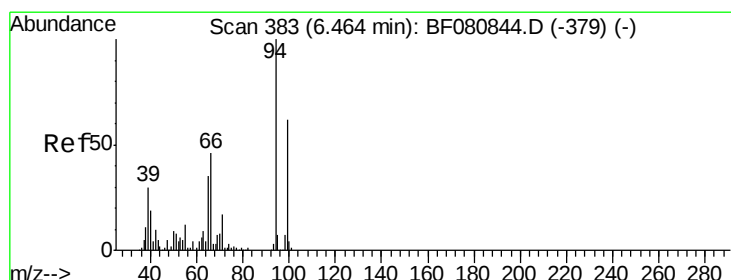
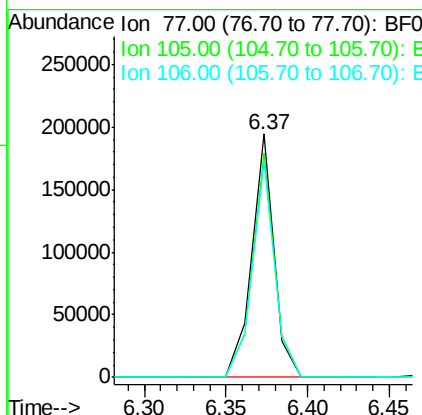
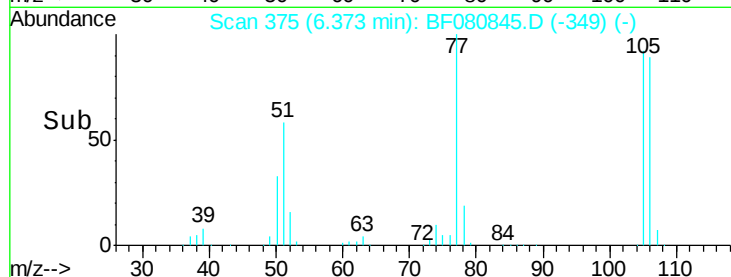
SSTDICC050



Tgt Ion:	77	Resp:	183610
Ion	Ratio	Lower	Upper
77	100		
105	92.2	73.5	113.5
106	88.6	70.8	110.8

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#10

Phenol

Concen: 53.60 ng

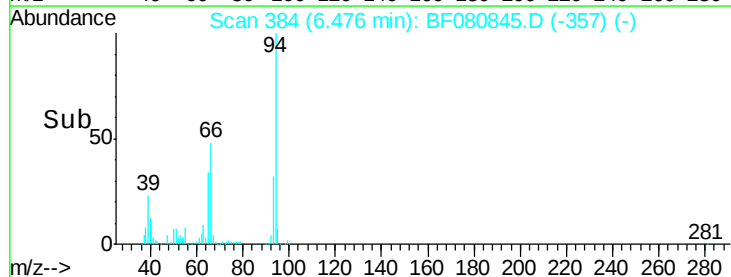
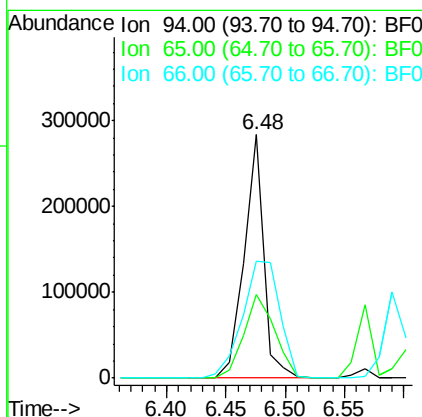
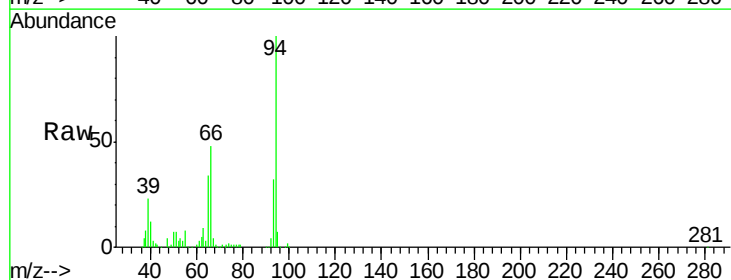
RT: 6.48 min Scan# 384

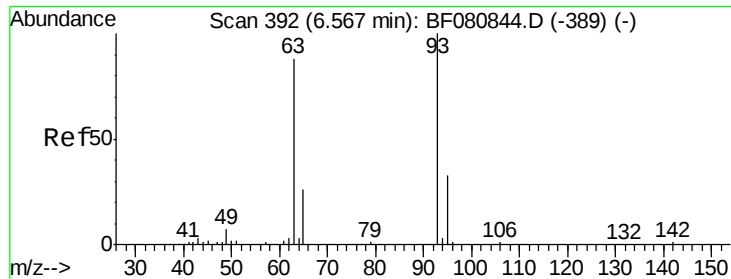
Delta R.T. 0.01 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	94	Resp:	328263
Ion	Ratio	Lower	Upper
94	100		
65	34.5	15.2	55.2
66	47.8	25.9	65.9





#11

bis(2-Chloroethyl)ether

Concen: 55.94 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 93 Resp: 248034
Ion Ratio Lower Upper

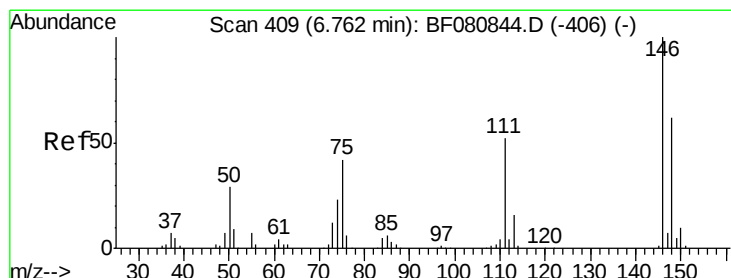
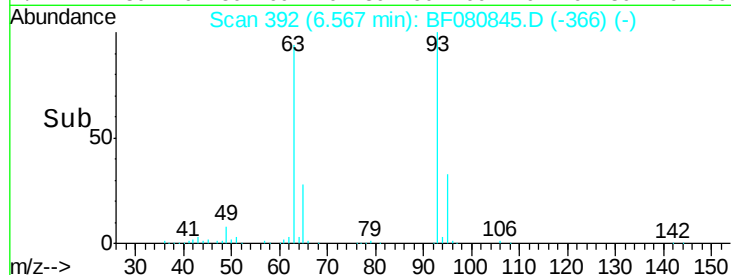
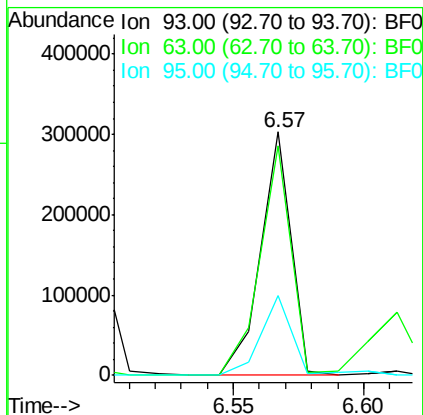
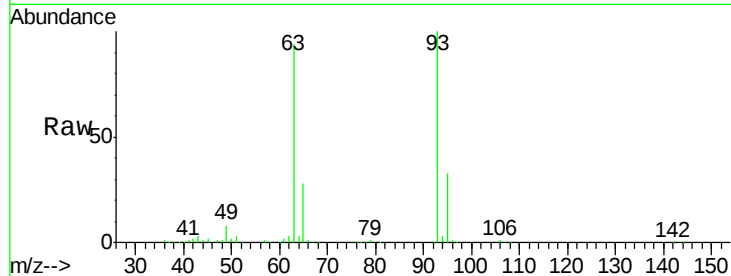
93 100

63 94.3 67.6 107.6

95 32.6 12.9 52.9

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#12

1,3-Dichlorobenzene

Concen: 49.78 ng m

RT: 6.77 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF080845.D

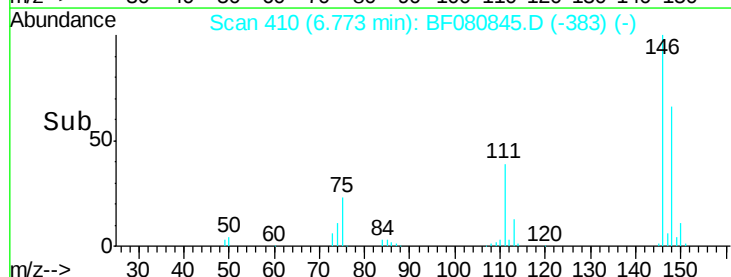
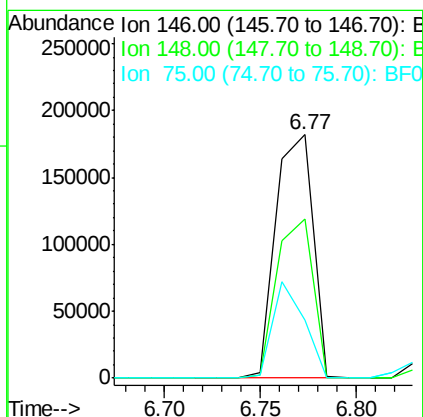
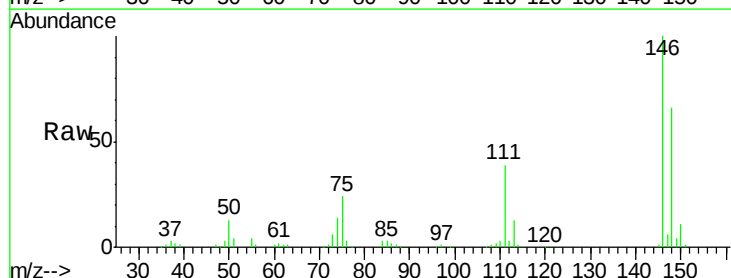
Acq: 4 Aug 2015 18:44

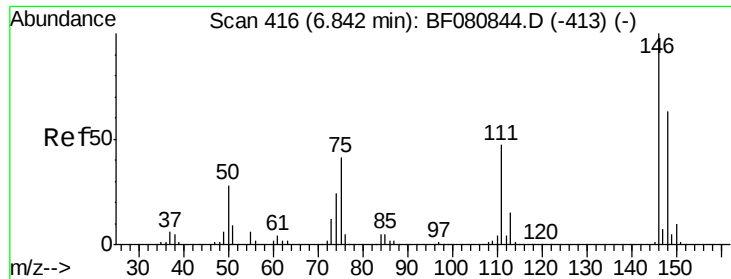
Tgt Ion: 146 Resp: 240823
Ion Ratio Lower Upper

146 100

148 65.6 49.7 74.5

75 23.9 33.5 50.3#





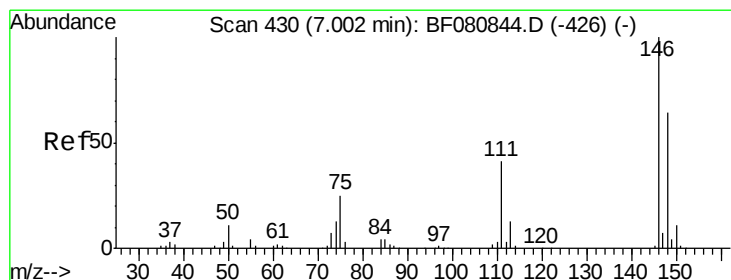
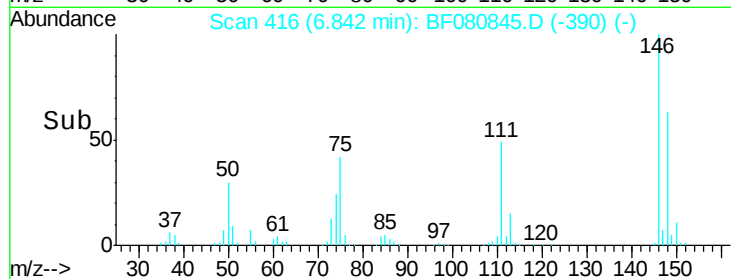
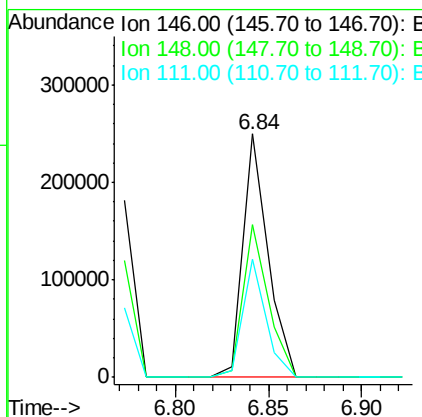
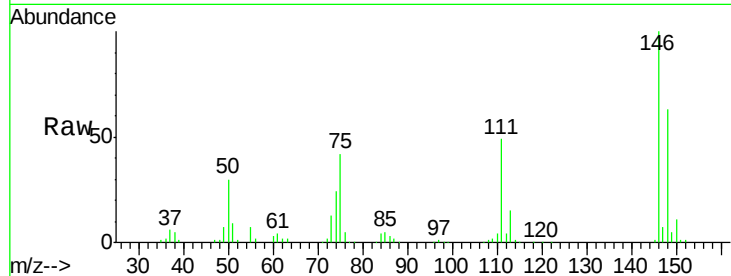
#13
 1,4-Dichlorobenzene
 Concen: 48.93 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
111	48.8	38.0	57.0

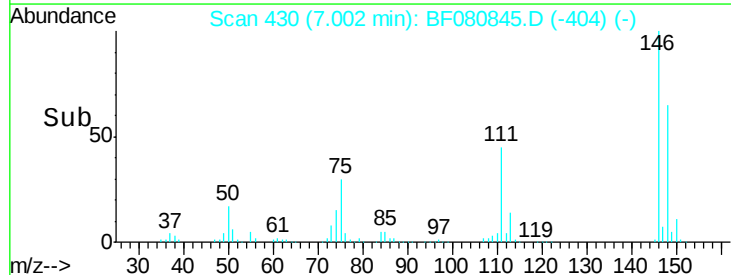
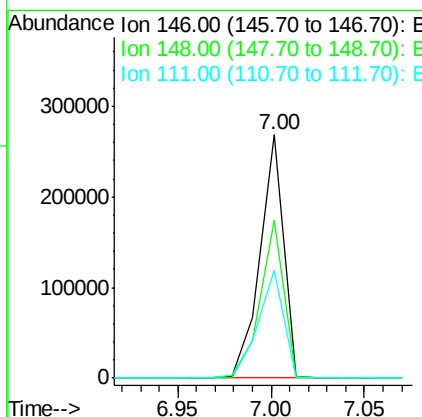
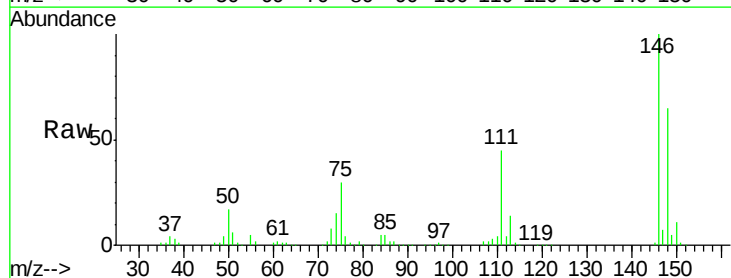
Manual Integrations
 APPROVED

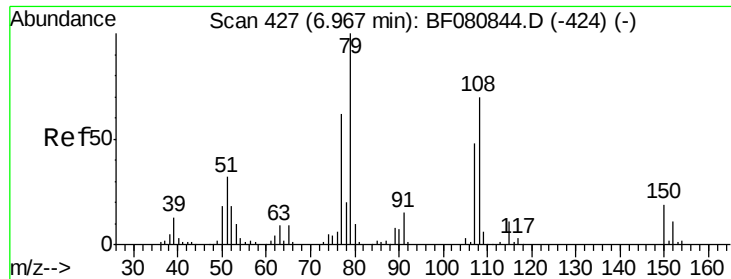
MMDadoda
 8/5/2015 7:00:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 51.70 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	44.6	32.7	49.1





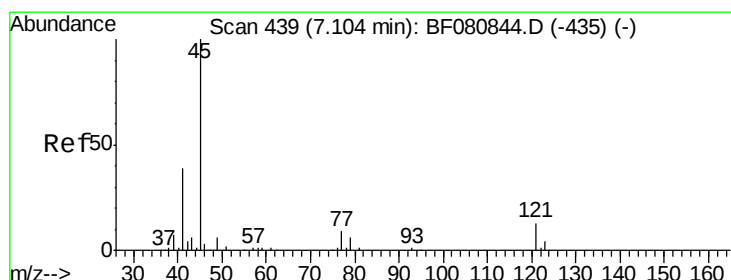
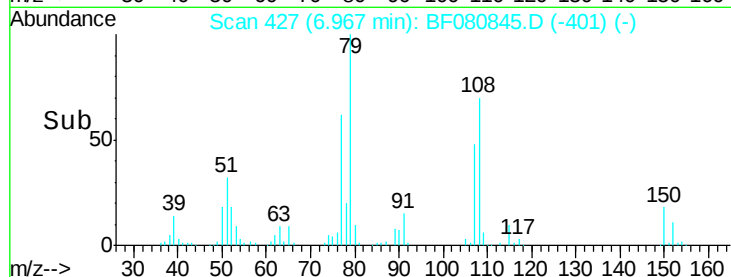
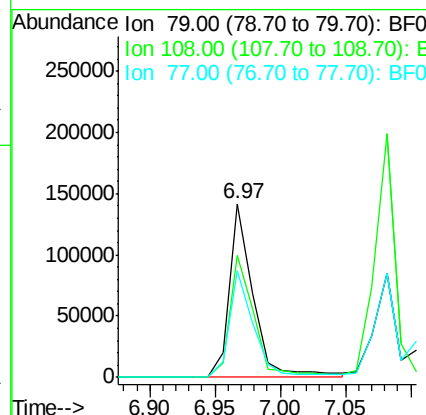
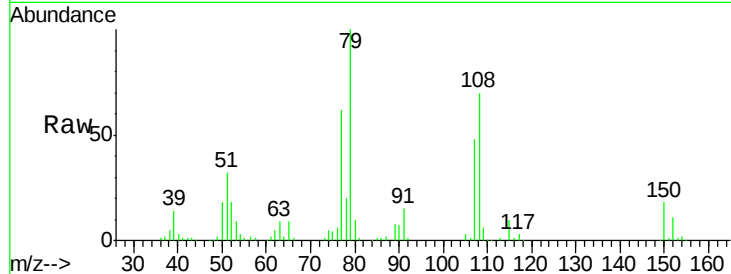
#15
Benzyl Alcohol
Concen: 50.37 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.2	55.9	83.9
77	61.7	49.4	74.2

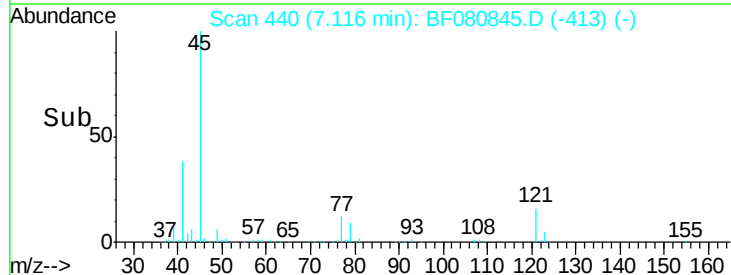
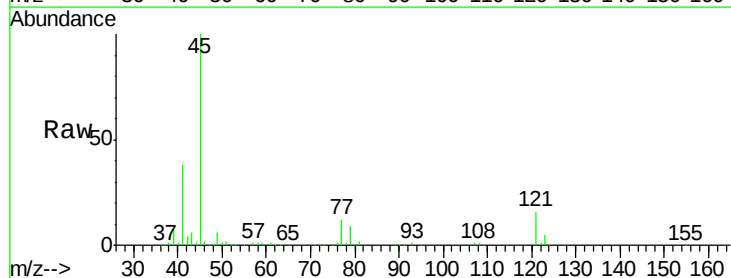
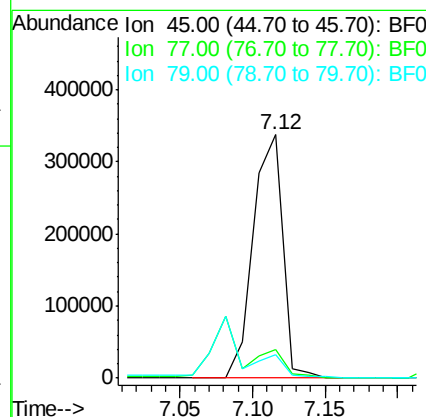
Manual Integrations
APPROVED

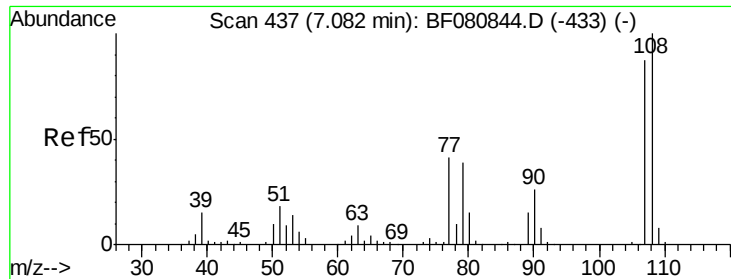
MMDadoda
8/5/2015 7:00:28 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.36 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	30.5
79	9.4	0.0	28.2





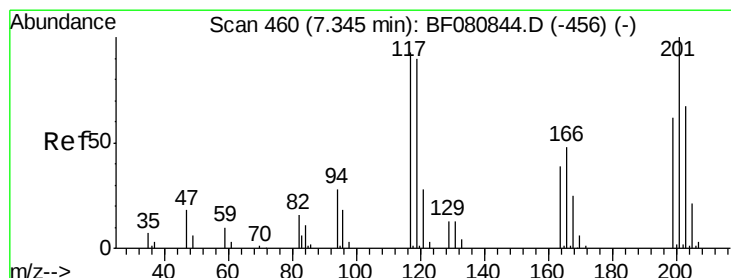
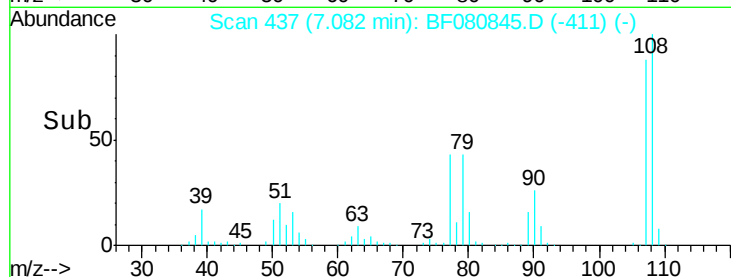
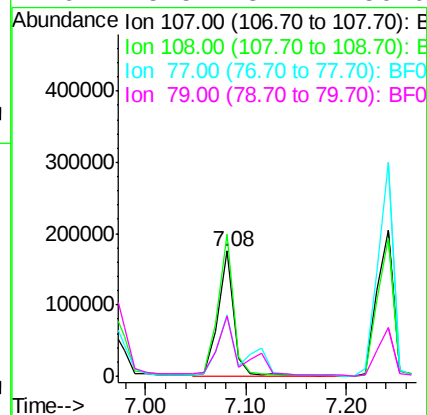
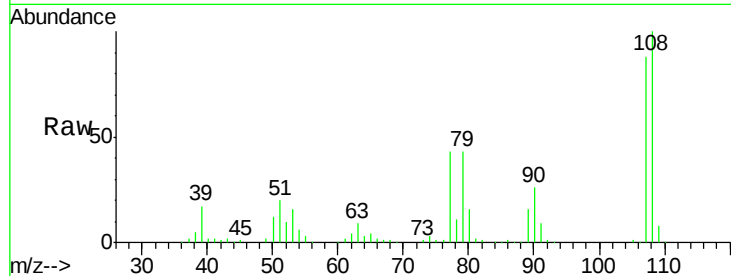
#17
2-Methylphenol
Concen: 50.71 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	193065		
108	108	113.1	91.8	137.8	
77	77	48.6	38.2	57.2	
79	79	48.5	37.4	56.0	

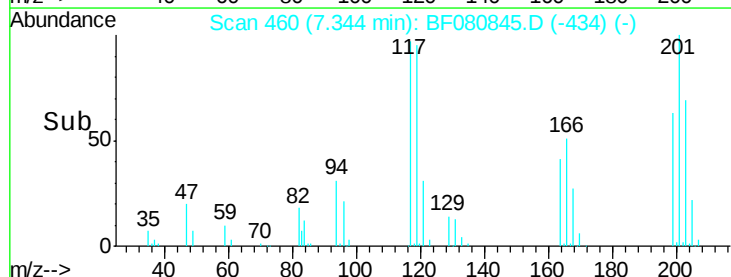
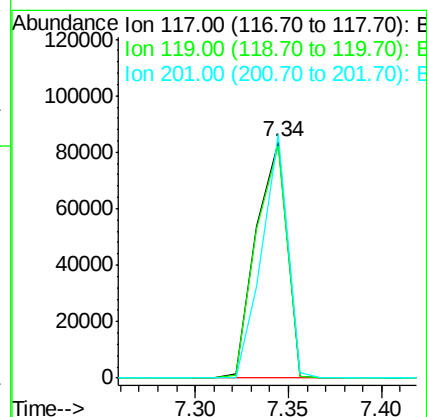
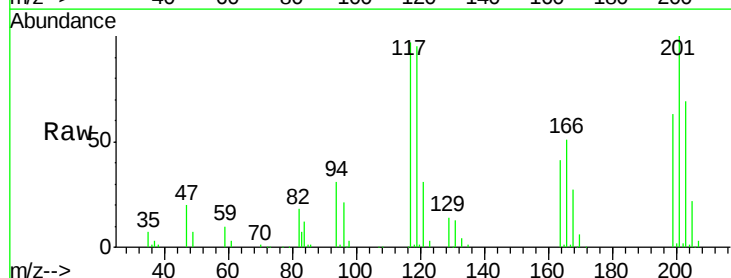
Manual Integrations
APPROVED

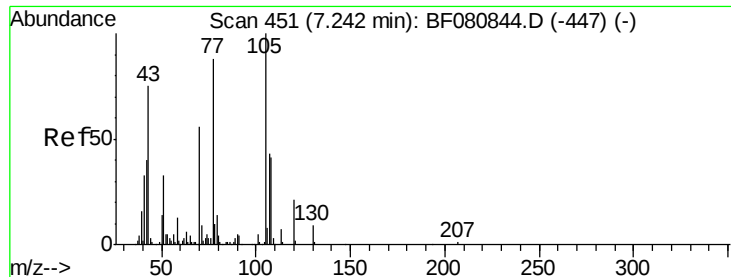
MMDadoda
8/5/2015 7:00:28 PM



#18
Hexachloroethane
Concen: 53.40 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	95571		
119	119	98.3	77.4	116.0	
201	201	103.2	85.8	128.6	





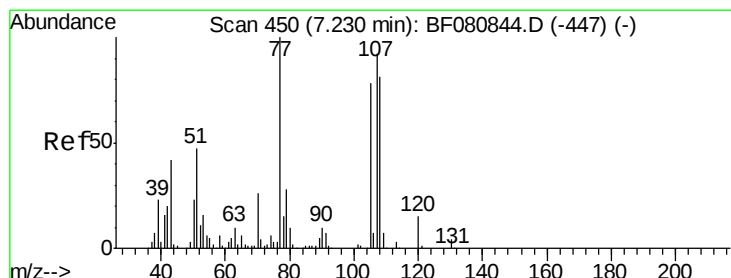
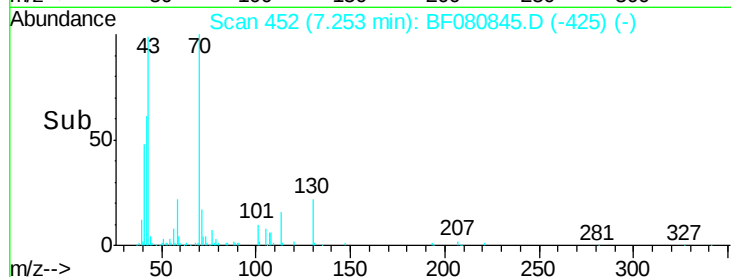
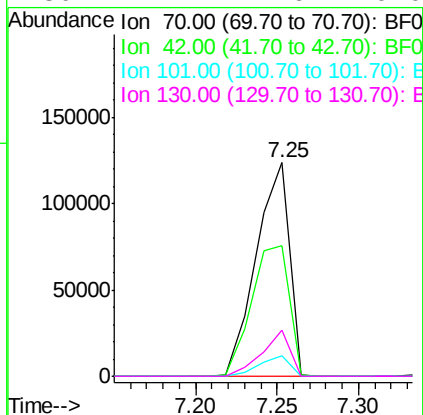
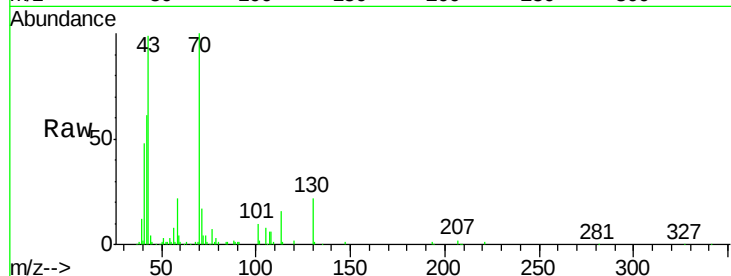
#19
n-Nitroso-di-n-propylamine
Concen: 51.46 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	174892		
42	61.2	57.8	86.8	
101	9.5	6.7	10.1	
130	21.7	12.6	19.0	

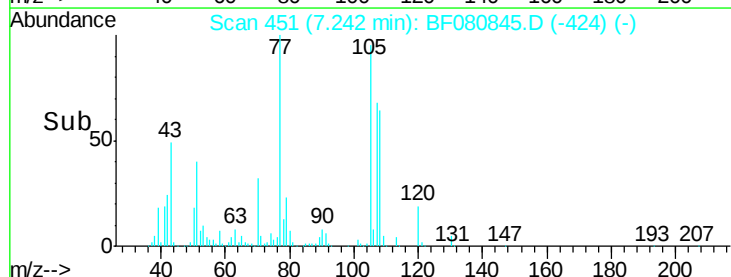
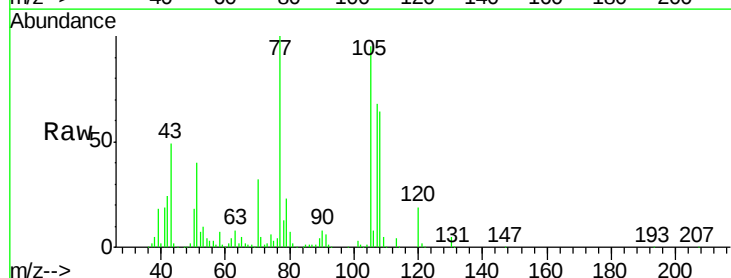
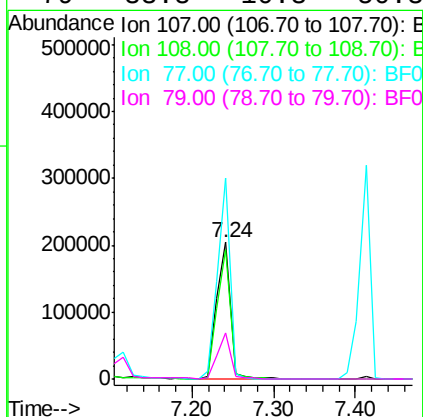
Manual Integrations
APPROVED

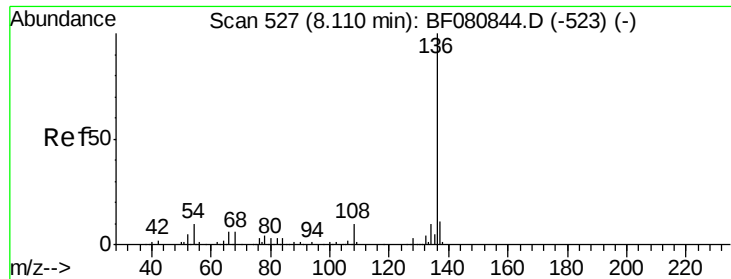
MMDadoda
8/5/2015 7:00:28 PM



#20
3+4-Methylphenols
Concen: 53.69 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	238689		
108	94.4	68.2	108.2	
77	146.4	88.5	128.5	
79	33.8	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

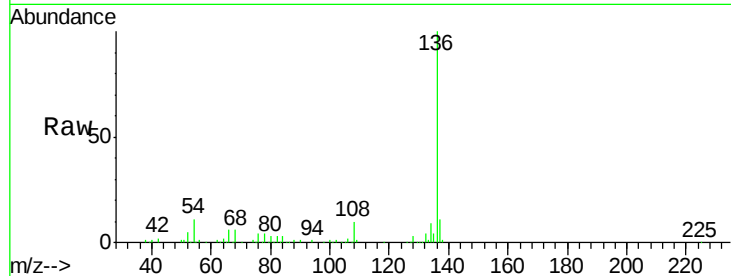
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	243642		
137	10.9	8.6	13.0	
54	10.6	8.3	12.5	
68	5.9	4.8	7.2	

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



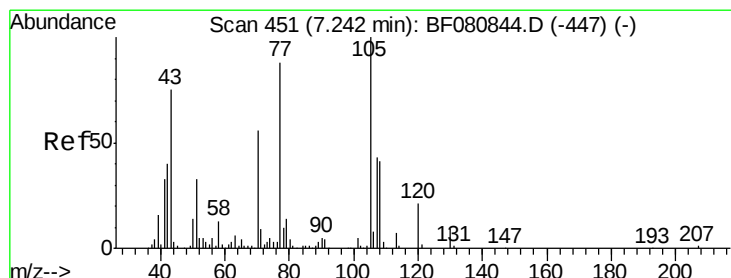
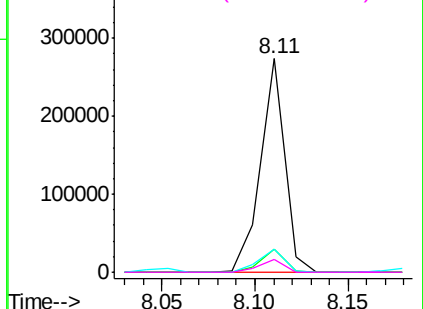
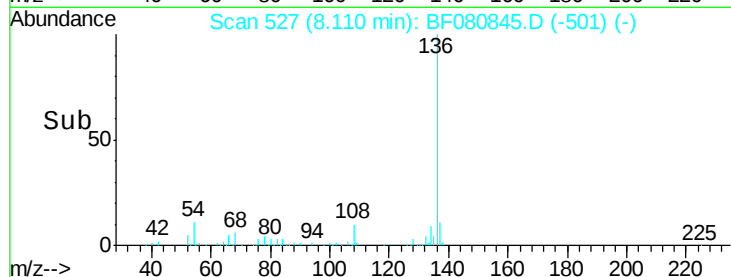
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.34 ng

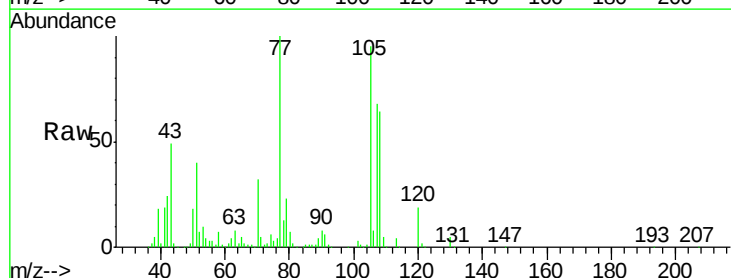
RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287747		
71	5.5	7.4	11.2#	
51	41.9	26.5	39.7#	
120	20.3	17.0	25.4	



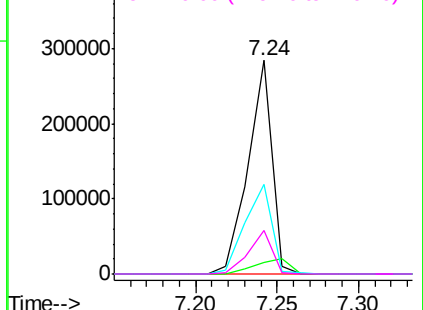
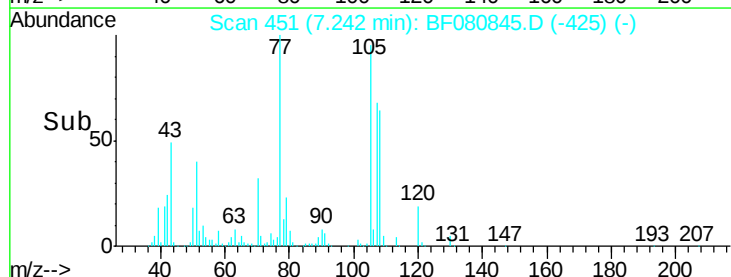
Abundance

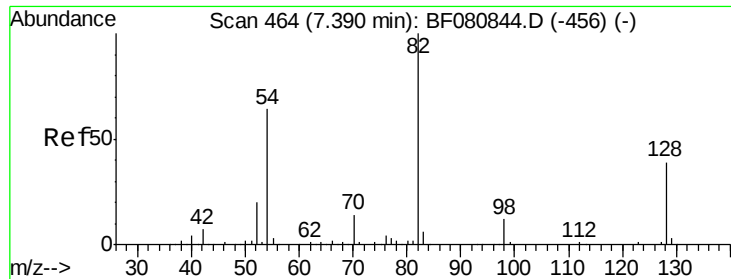
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





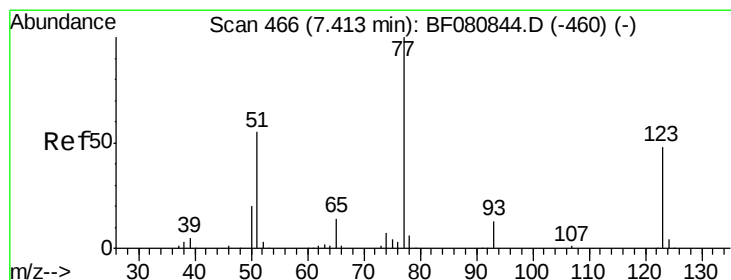
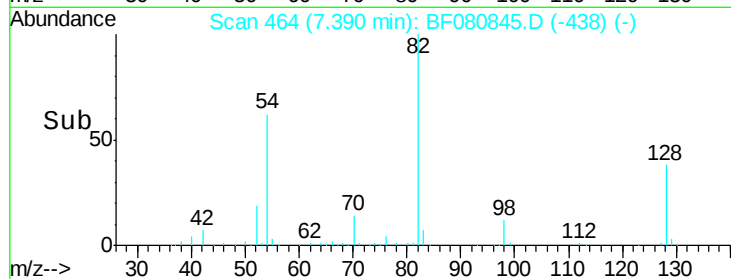
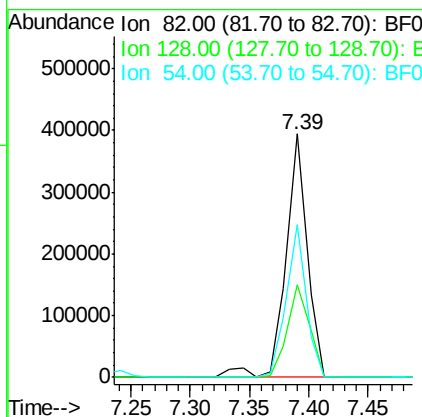
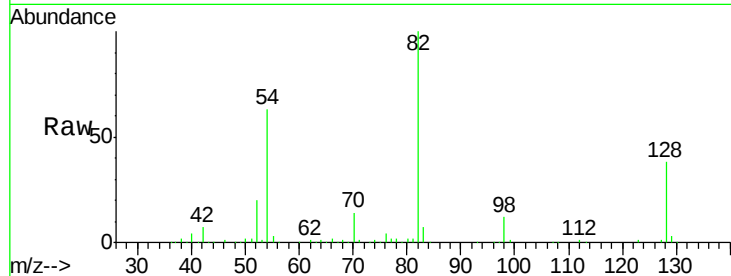
#23
 Nitrobenzene-d5
 Concen: 96.58 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	82	Resp:	486721
Ion Ratio	Lower	Upper	
82	100		
128	37.9	31.0	46.4
54	62.7	51.0	76.6

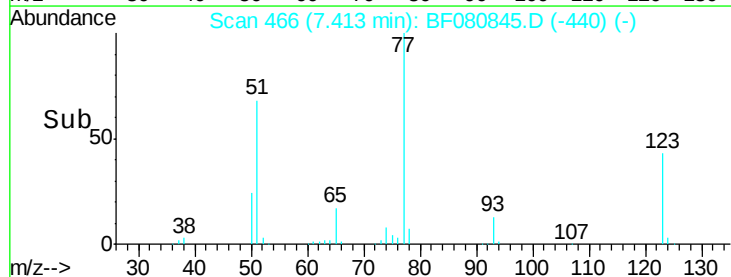
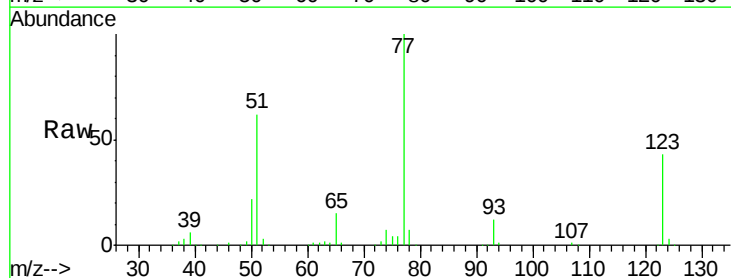
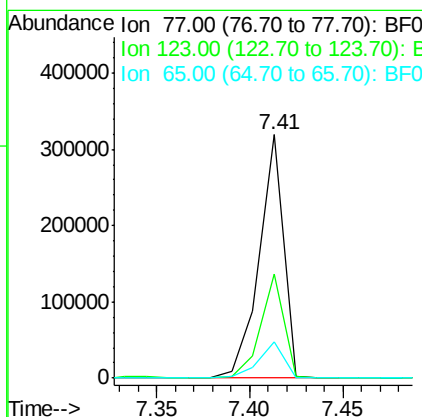
Manual Integrations
 APPROVED

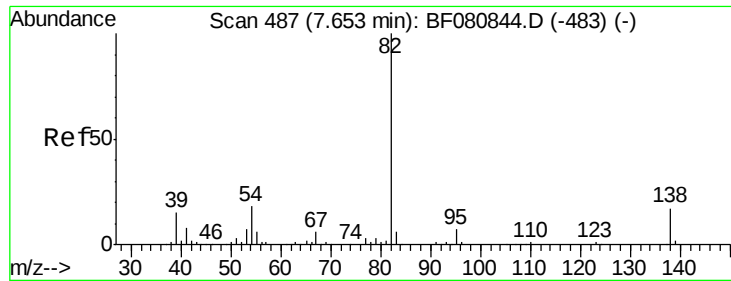
MMDadoda
 8/5/2015 7:00:28 PM



#24
 Nitrobenzene
 Concen: 56.23 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion:	77	Resp:	286553
Ion Ratio	Lower	Upper	
77	100		
123	42.9	39.7	59.5
65	14.8	11.0	16.6





#25

Isophorone

Concen: 49.29 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

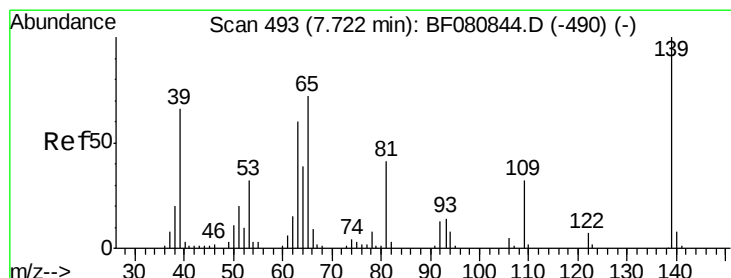
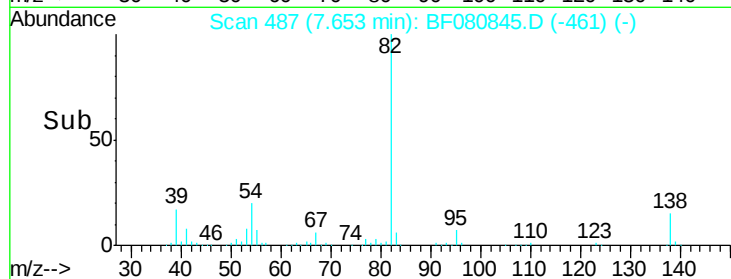
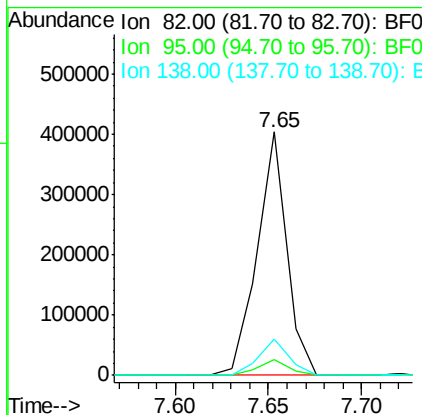
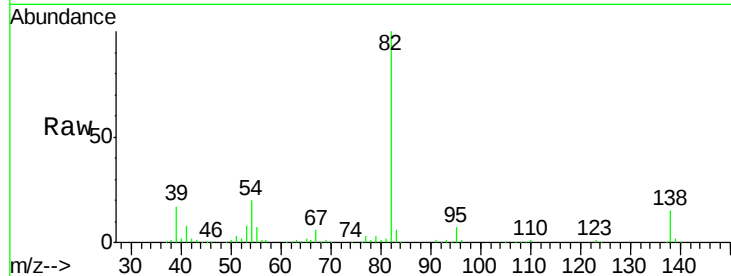
ClientSampleId :

SSTDIC050

Tgt Ion:	82	Resp:	441597
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.5	8.3
138	14.9	13.3	19.9

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#26

2-Nitrophenol

Concen: 49.43 ng

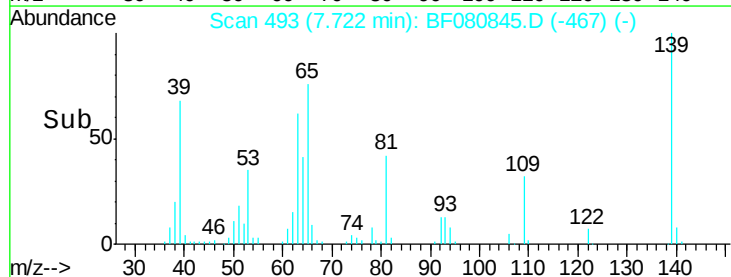
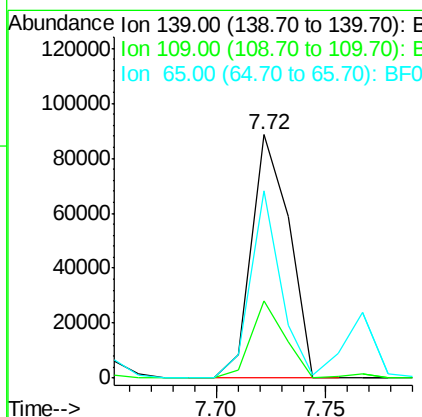
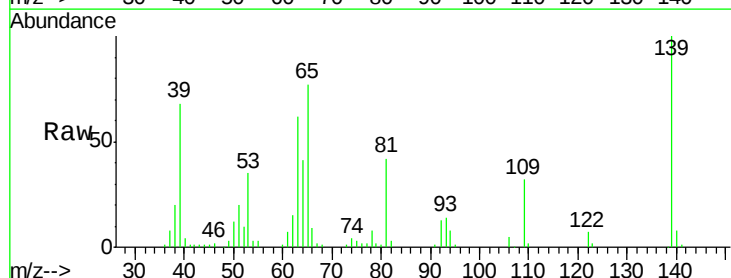
RT: 7.72 min Scan# 493

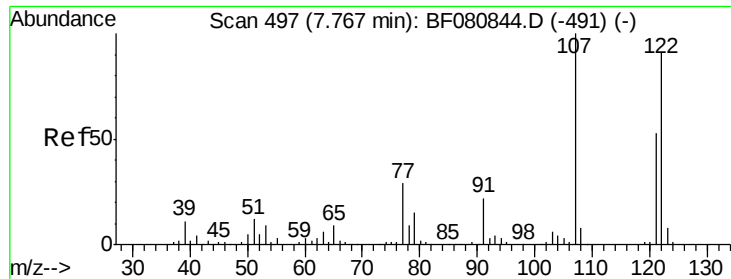
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	139	Resp:	106875
Ion Ratio		Lower	Upper
139	100		
109	31.6	25.2	37.8
65	76.7	57.3	85.9





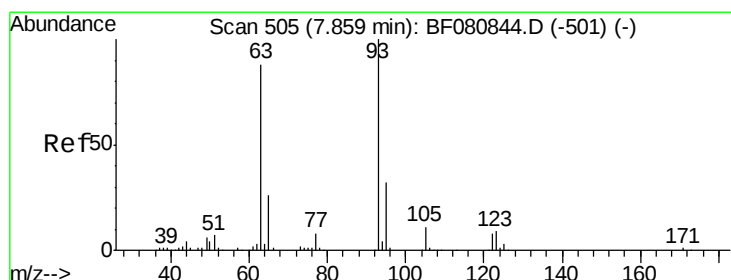
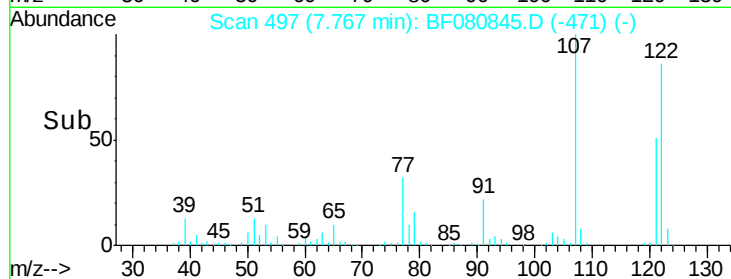
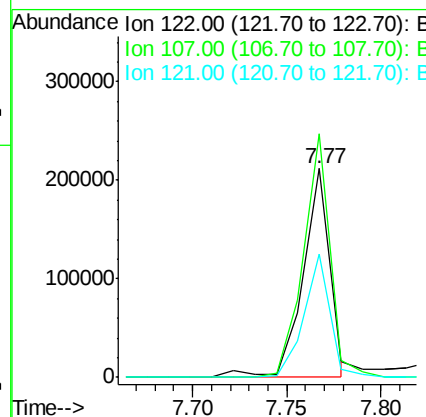
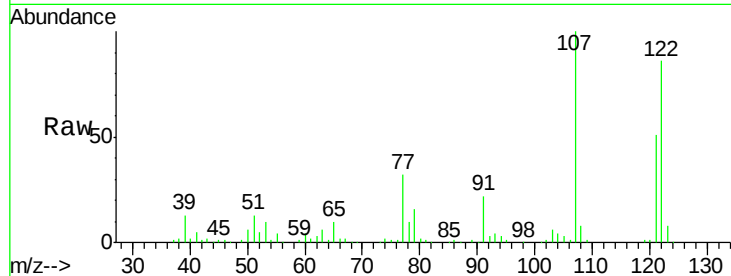
#27
 2,4-Dimethylphenol
 Concen: 51.12 ng m
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21053		
107	116.7	88.2	132.4	
121	59.2	46.8	70.2	

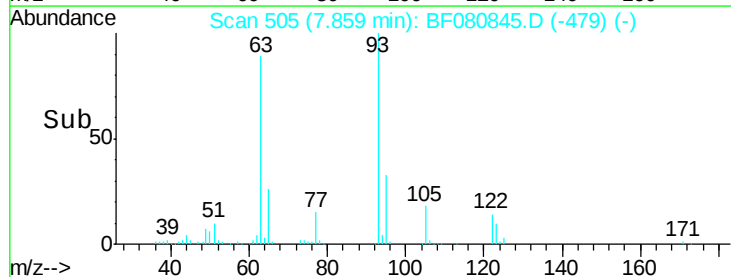
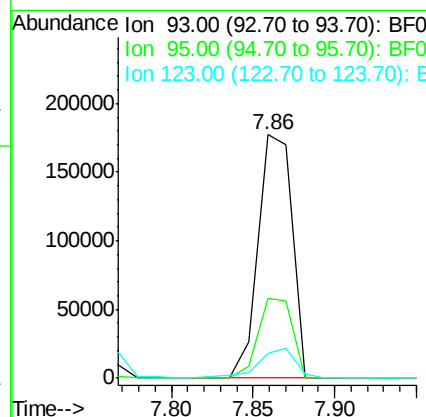
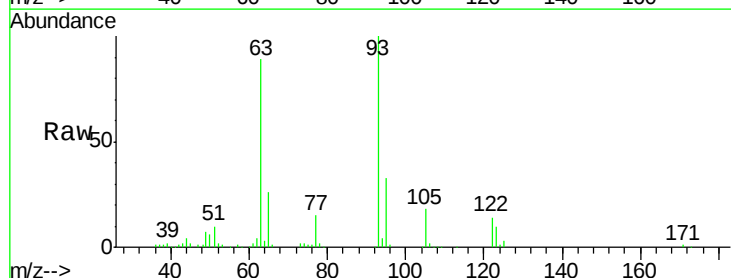
Manual Integrations
 APPROVED

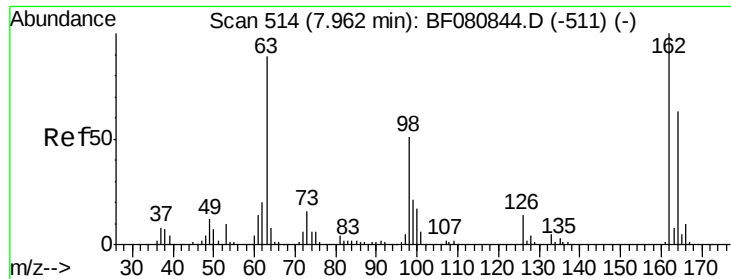
MMDadoda
 8/5/2015 7:00:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.71 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256725		
95	32.8	25.9	38.9	
123	9.9	7.9	11.9	





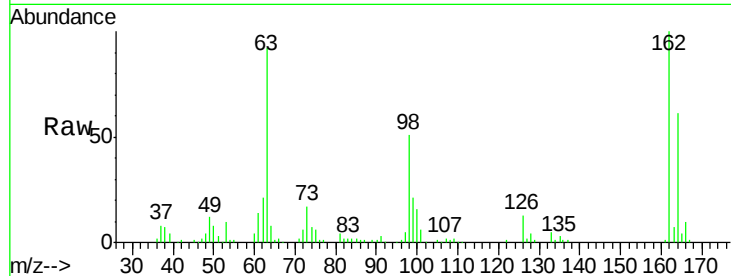
#29
 2,4-Dichlorophenol
 Concen: 47.02 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

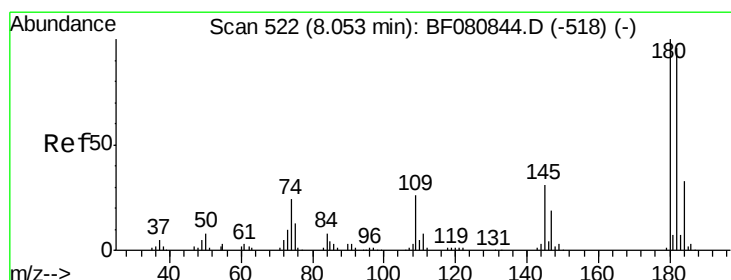
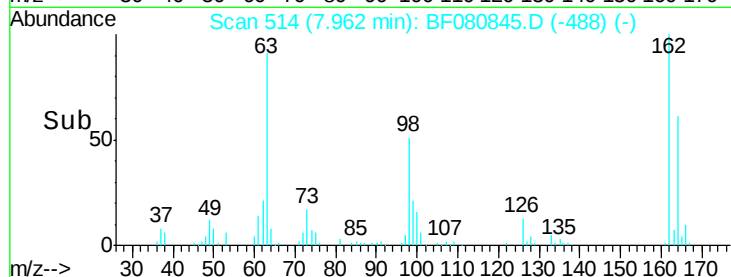
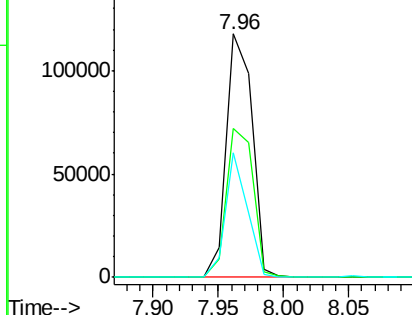
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	162454		
164	61.1	43.1	83.1	
98	50.9	31.3	71.3	

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:00:28 PM

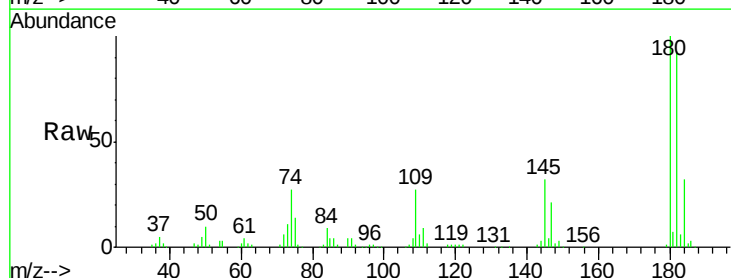


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

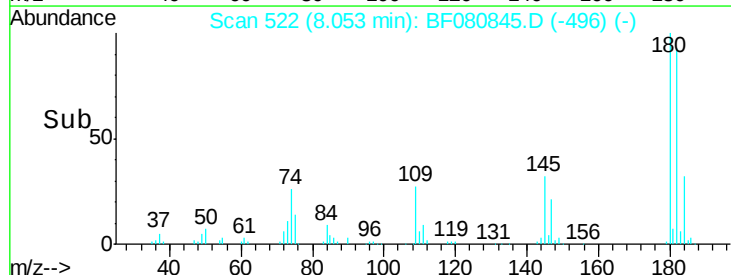
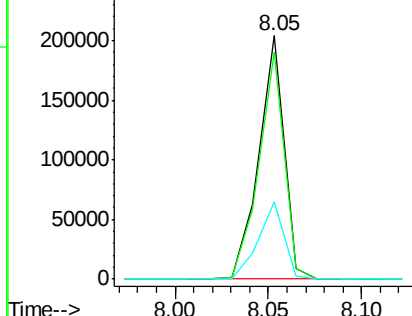


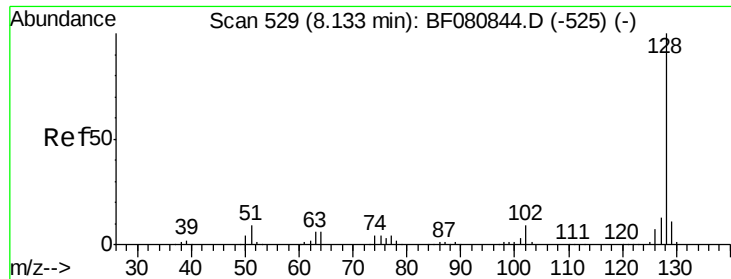
#30
 1,2,4-Trichlorobenzene
 Concen: 50.53 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190428		
182	93.1	77.0	115.4	
145	31.6	25.1	37.7	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





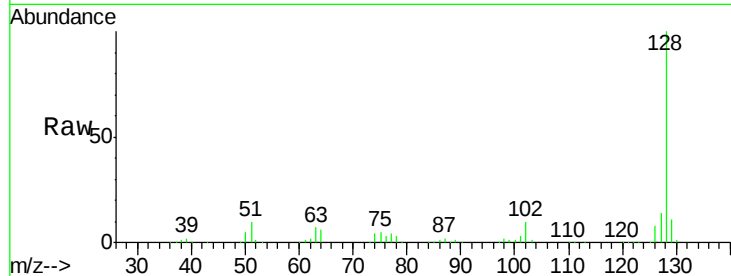
#31
Naphthalene
Concen: 53.48 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

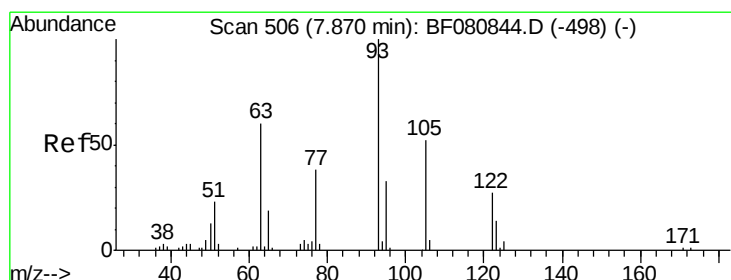
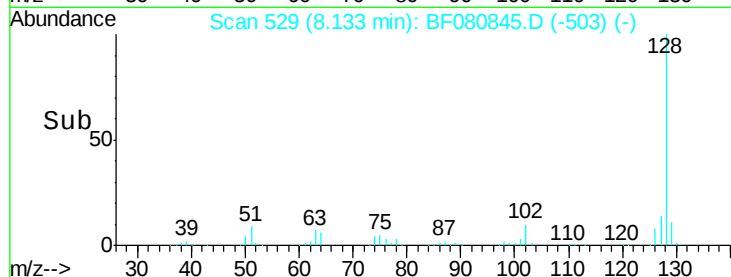
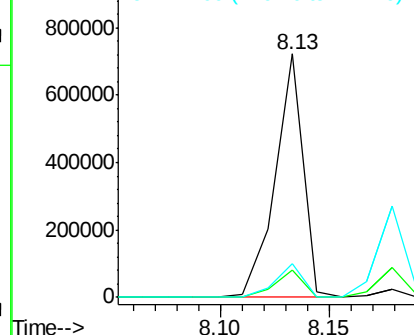
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.7	13.1
127	13.6	10.6	15.8

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM

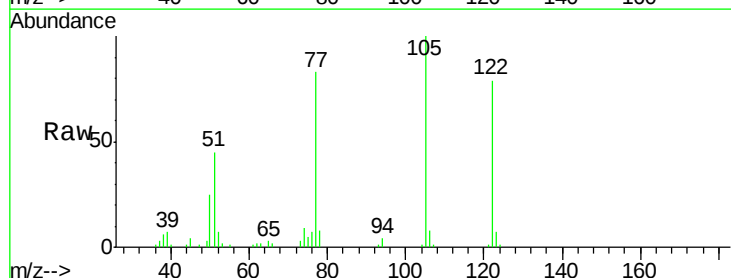


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

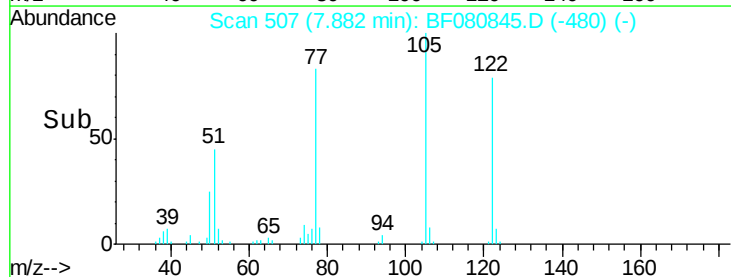
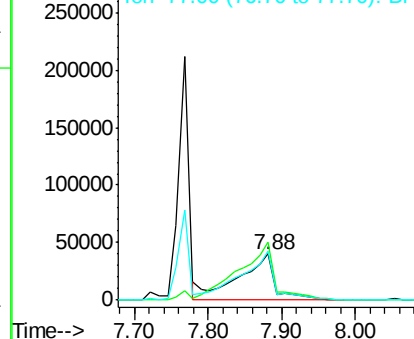


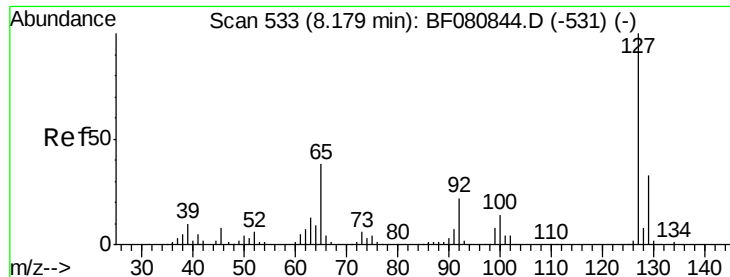
#32
Benzoic acid
Concen: 55.79 ng m
RT: 7.88 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	126.4	110.1	150.1
77	104.7	83.6	123.6



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





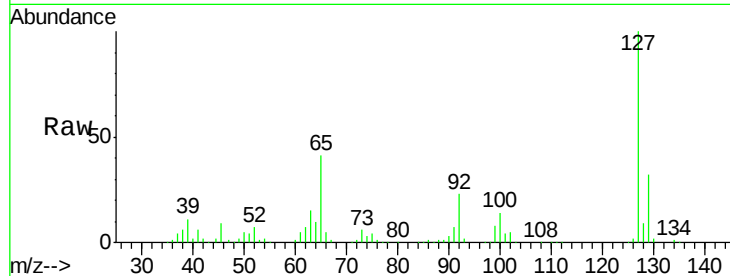
#33
4-Chloroaniline
Concen: 47.39 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

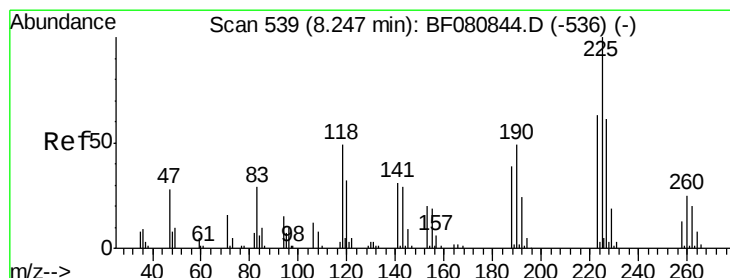
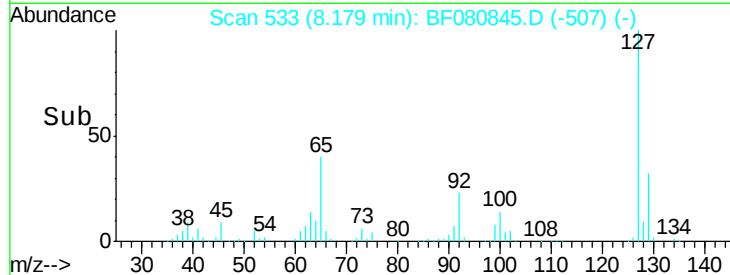
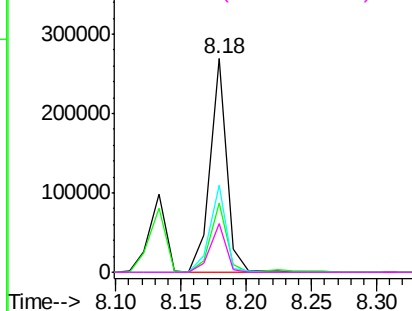
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	241361		
129	32.4	26.2	39.2	
65	41.0	30.3	45.5	
92	22.6	17.3	25.9	

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM

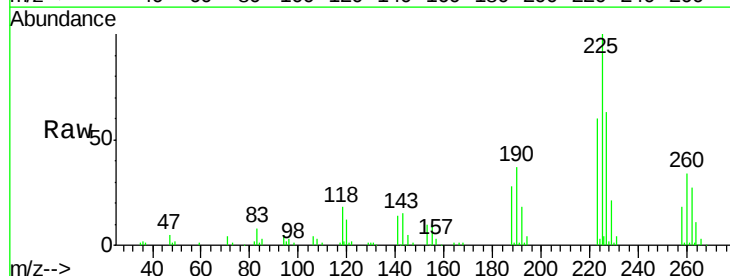


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

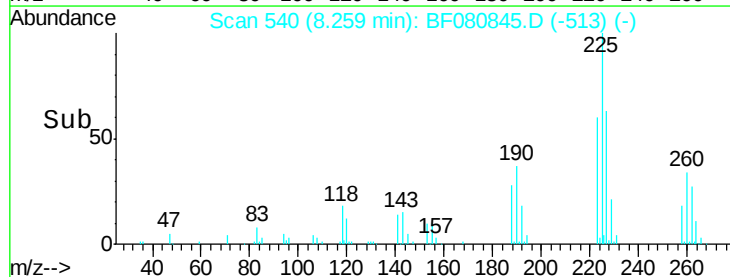
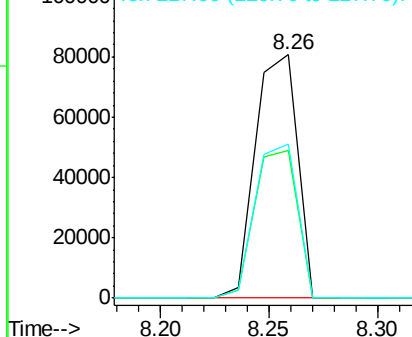


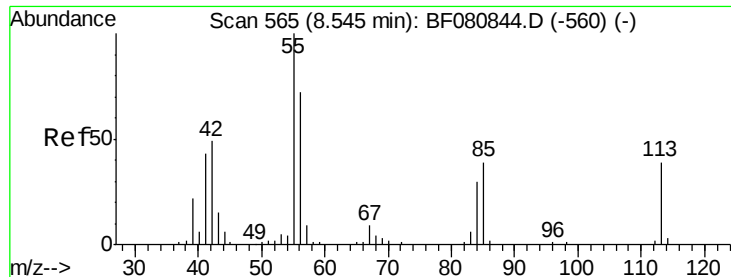
#34
Hexachlorobutadiene
Concen: 47.65 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109213		
223	60.5	50.0	75.0	
227	63.4	48.5	72.7	



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: 53.21 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:113 Resp: 50747
Ion Ratio Lower Upper

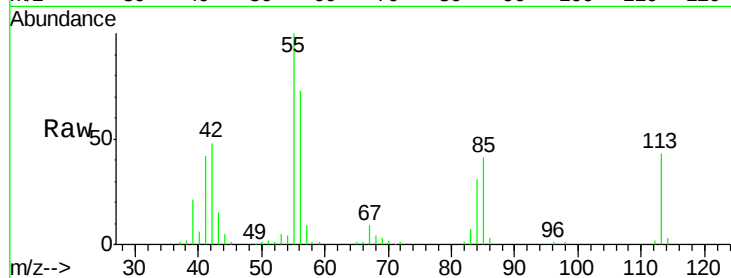
113 100

55 233.3 236.2 276.2#

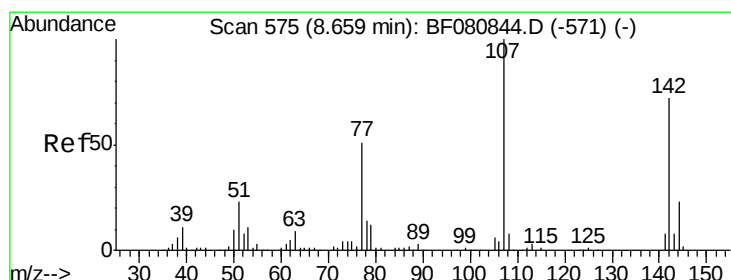
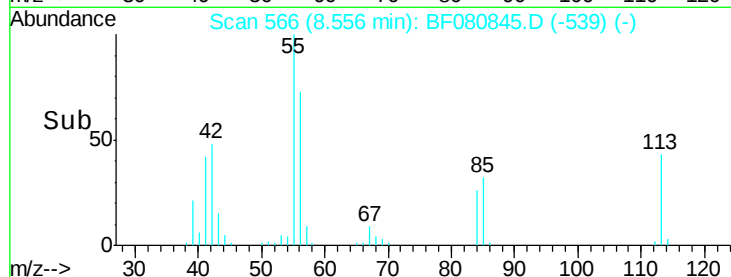
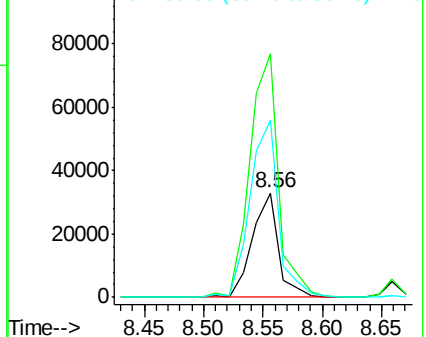
56 169.9 165.2 205.2

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.27 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080845.D

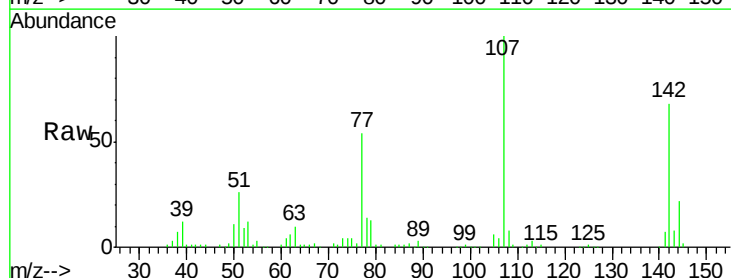
Acq: 4 Aug 2015 18:44

Tgt Ion:107 Resp: 183436
Ion Ratio Lower Upper

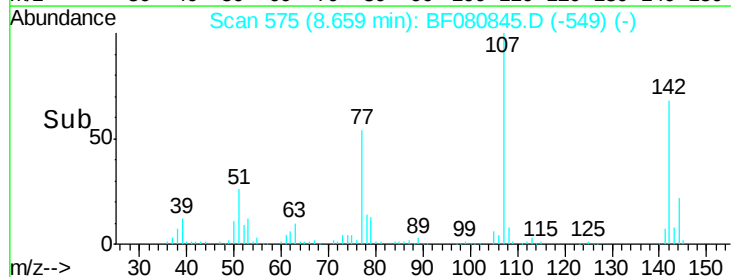
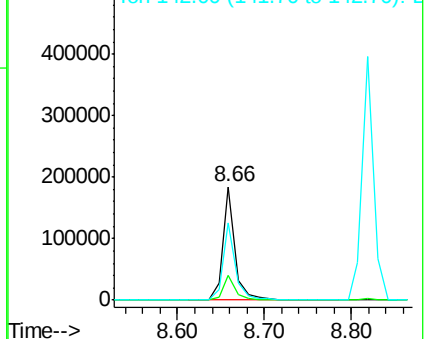
107 100

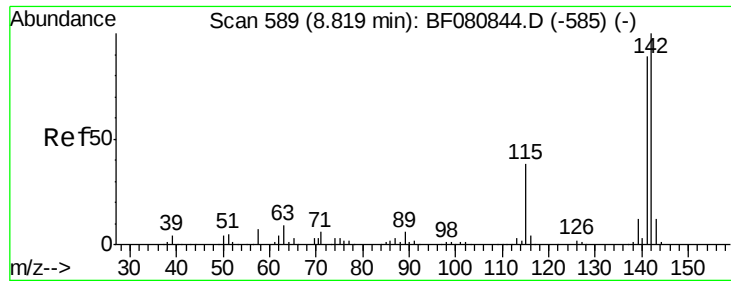
144 21.7 18.3 27.5

142 67.6 57.8 86.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





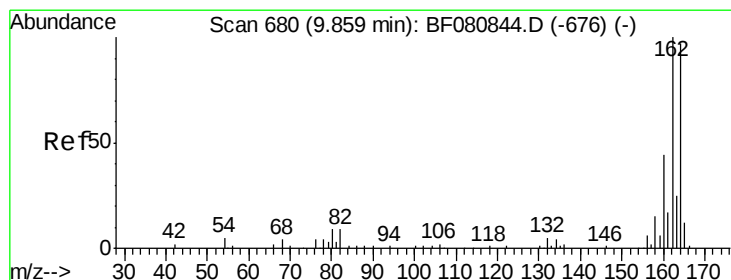
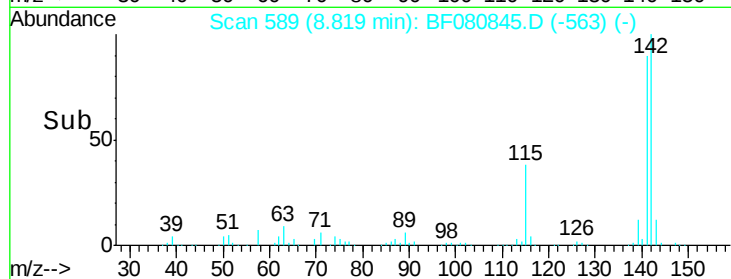
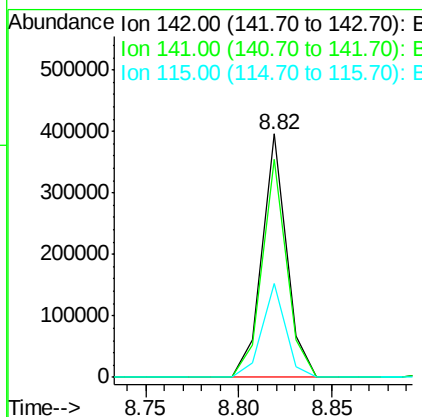
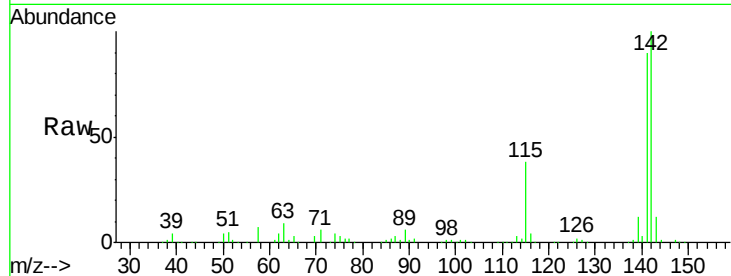
#37
 2-Methylnaphthalene
 Concen: 47.54 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	359891		
141	89.7	71.5	107.3	
115	38.3	30.5	45.7	

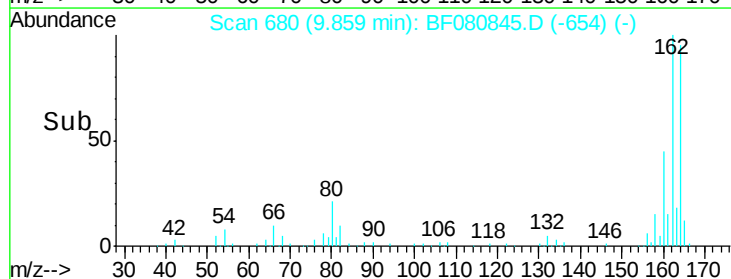
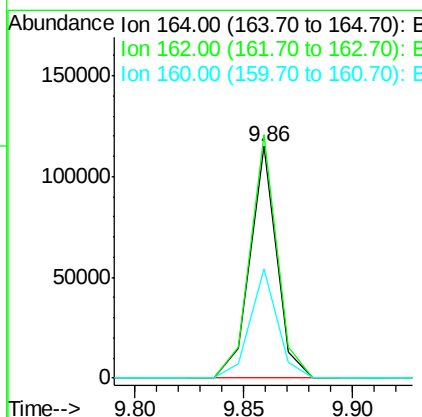
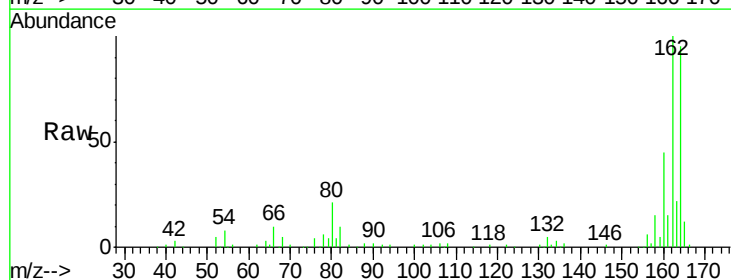
Manual Integrations
 APPROVED

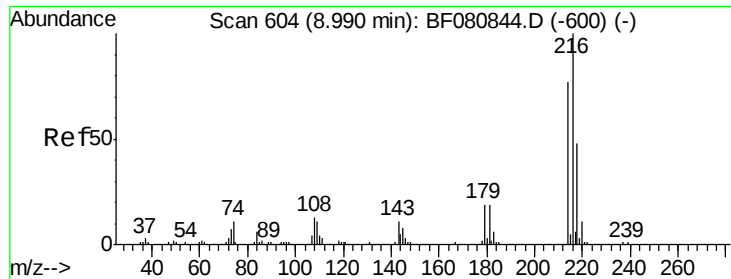
MMDadoda
 8/5/2015 7:00:28 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97710		
162	105.1	82.9	124.3	
160	47.1	36.6	54.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.96 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080845.D

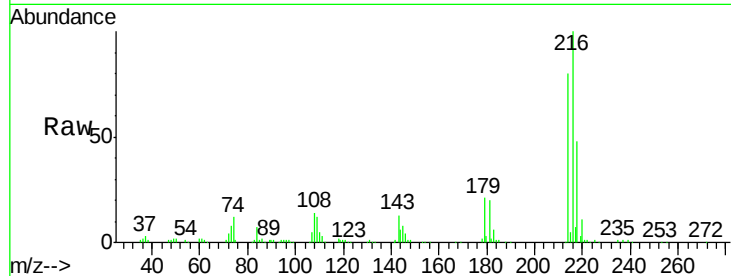
Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion: 216 Resp: 166477

Ion Ratio Lower Upper

216 100

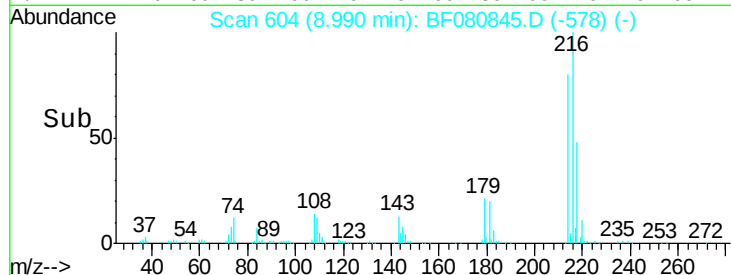
214 79.5 62.1 93.1

179 22.5 17.0 25.6

108 21.1 16.5 24.7

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM

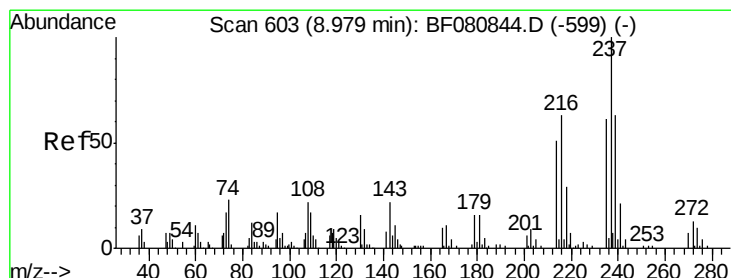
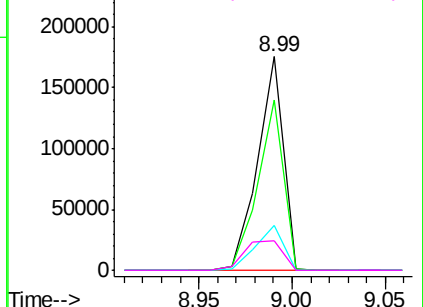


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.95 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

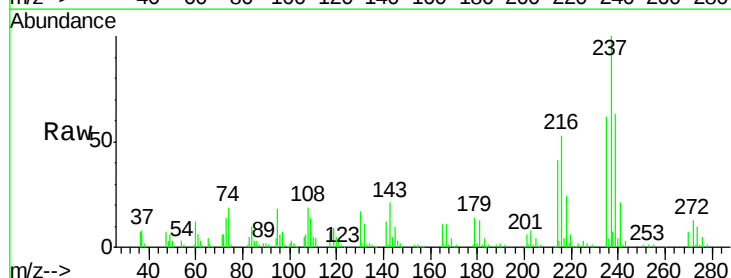
Tgt Ion: 237 Resp: 106889

Ion Ratio Lower Upper

237 100

235 62.4 40.9 80.9

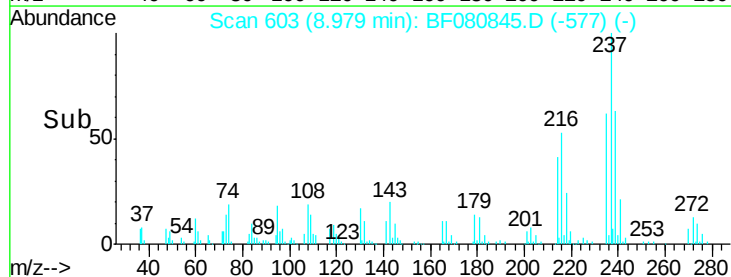
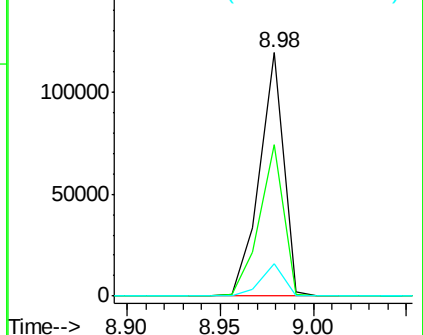
272 13.2 0.0 33.1

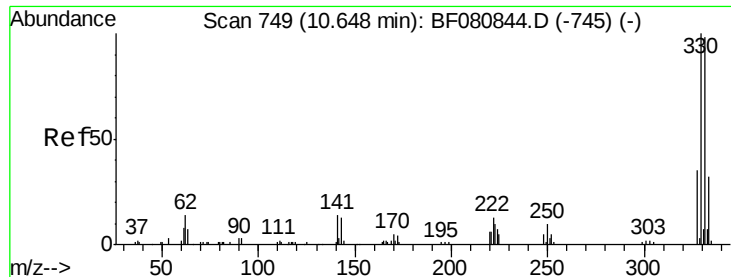


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





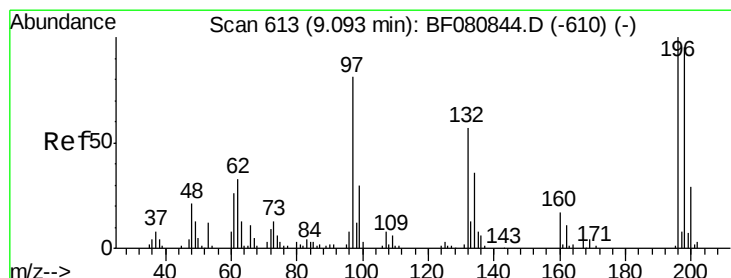
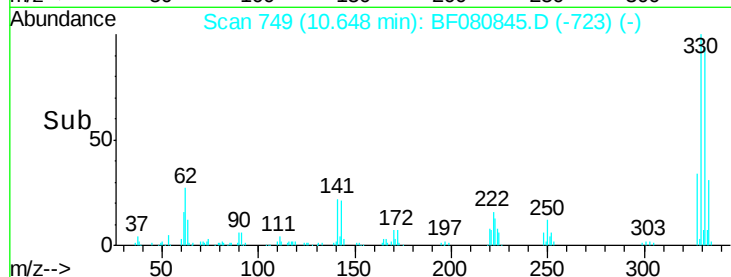
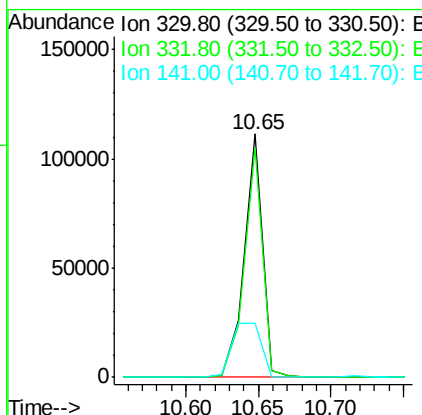
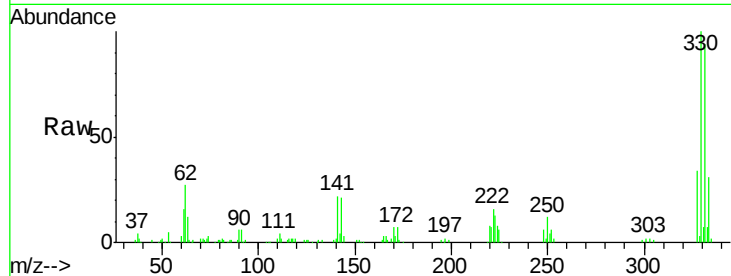
#41
 2,4,6-Tribromophenol
 Concen: 104.97 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	97450		
332	94.3	77.8	116.8	
141	36.2	28.4	42.6	

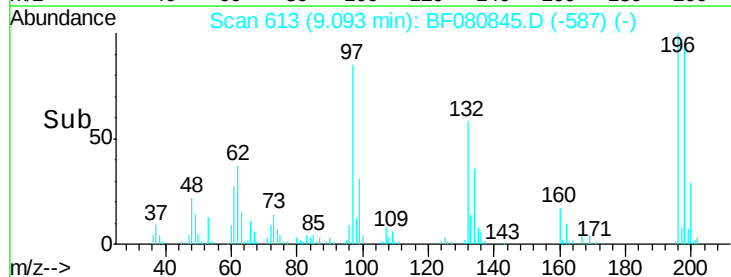
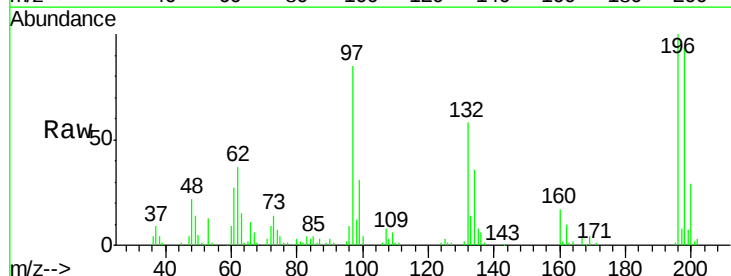
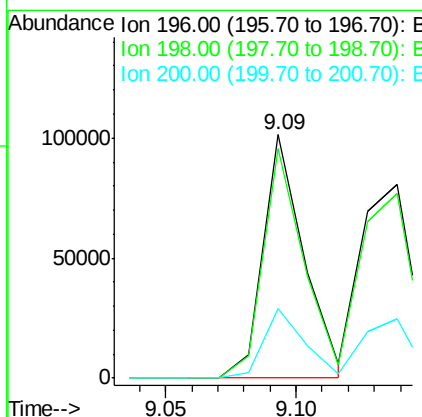
Manual Integrations
 APPROVED

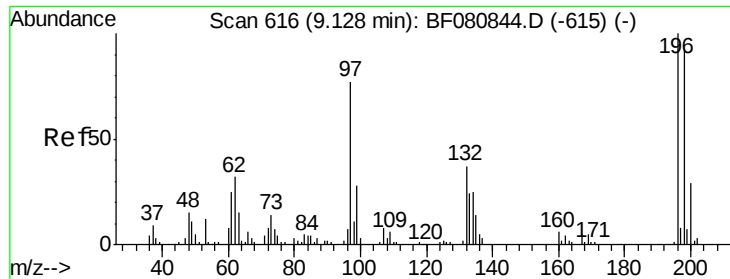
MMDadoda
 8/5/2015 7:00:28 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.83 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

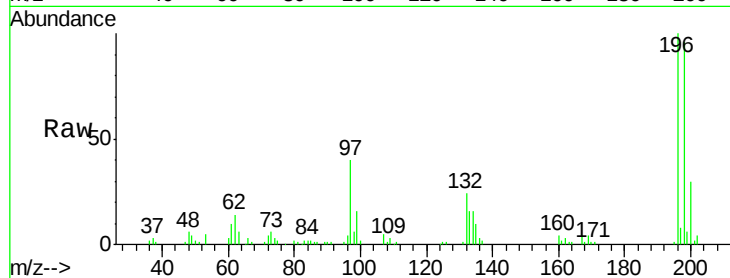
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110203		
198	94.2	76.4	114.6	
200	28.6	23.1	34.7	





#43
 2,4,5-Trichlorophenol
 Concen: 51.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

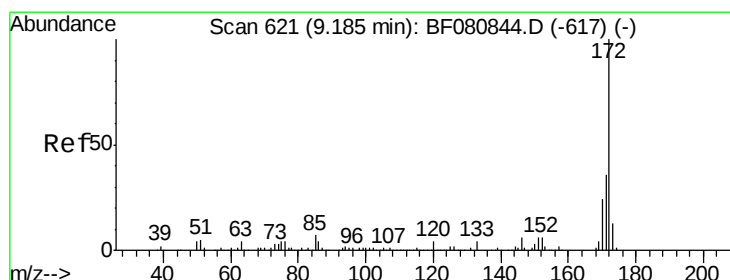
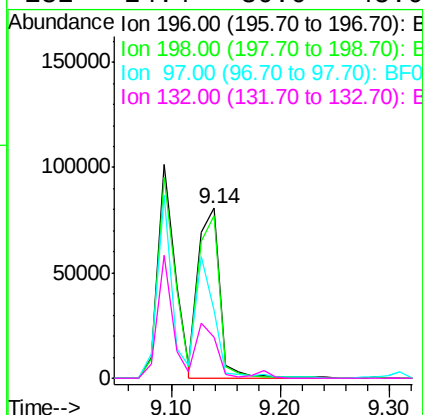
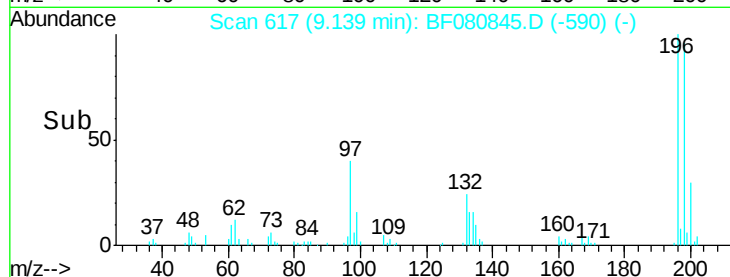
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112572		
198	95.5	74.2	111.4	
97	39.6	63.0	94.6	#
132	24.4	30.0	45.0	#

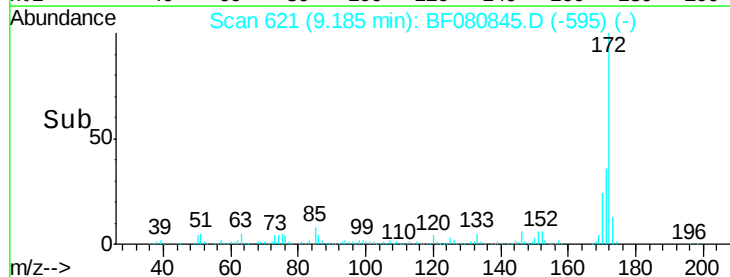
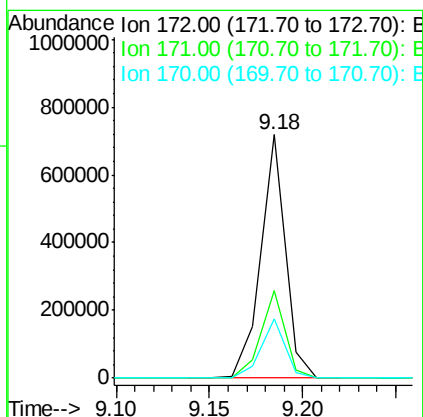
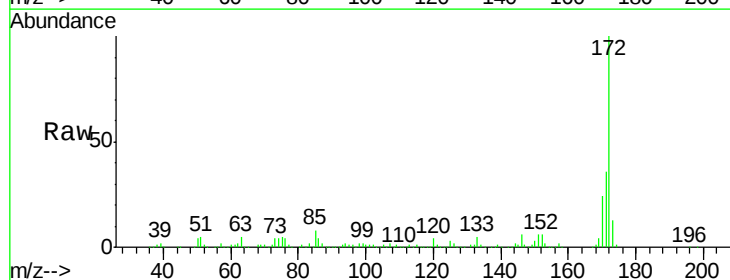
Manual Integrations
 APPROVED

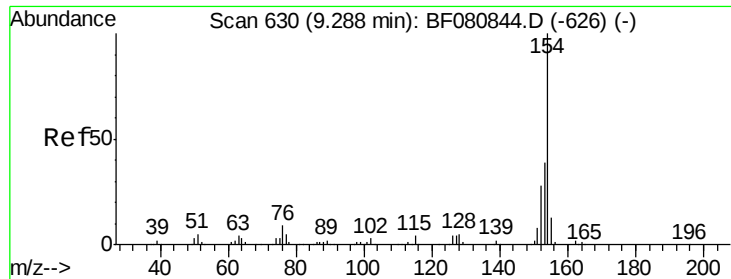
MMDadoda
 8/5/2015 7:00:28 PM



#44
 2-Fluorobiphenyl
 Concen: 97.77 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	652258		
171	35.7	28.9	43.3	
170	24.2	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 59.93 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

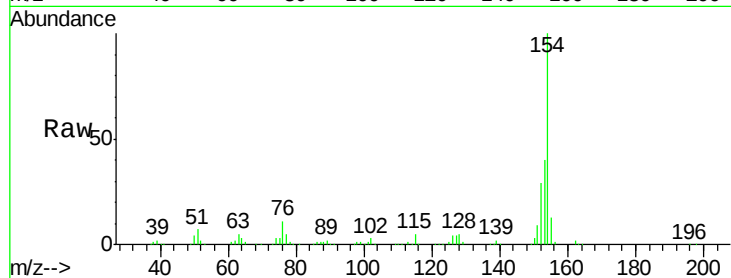
ClientSampleId :

SSTDICC050

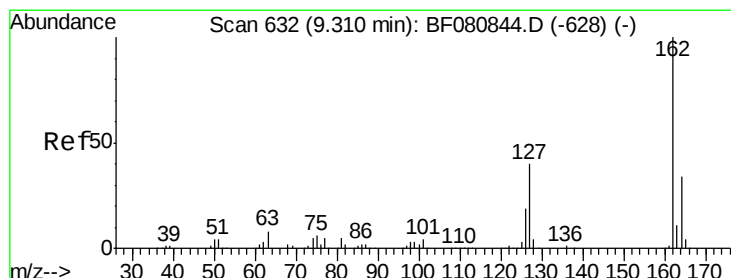
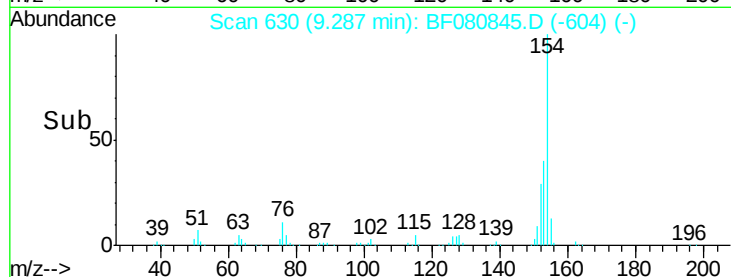
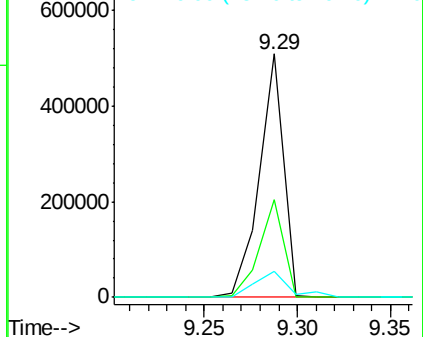
Tgt Ion:	154	Resp:	453098
Ion Ratio		Lower	Upper
154	100		
153	40.3	19.2	59.2
76	10.9	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 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: 56.91 ng

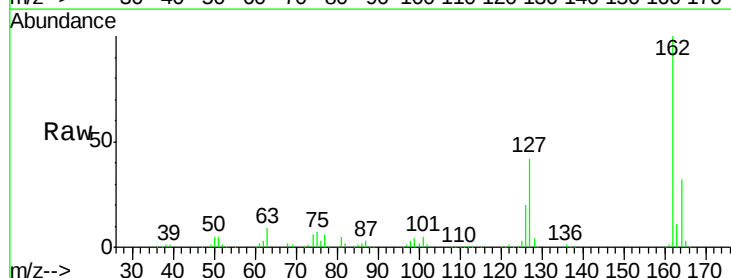
RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

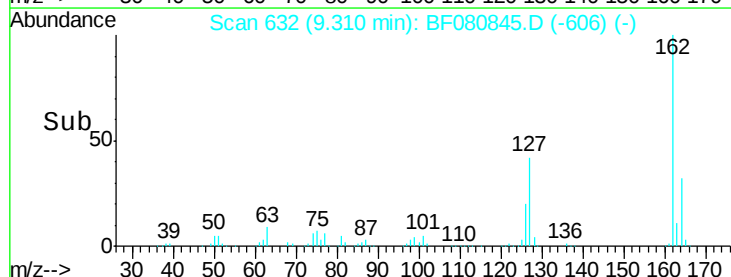
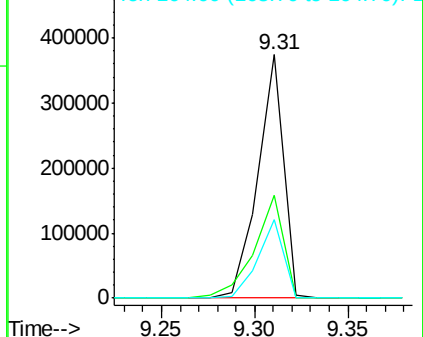
Lab File: BF080845.D

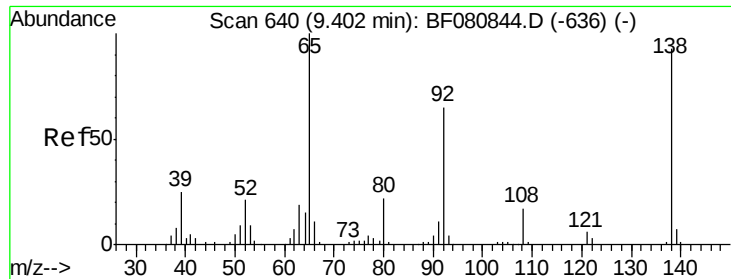
Acq: 4 Aug 2015 18:44

Tgt Ion:	162	Resp:	352478
Ion Ratio		Lower	Upper
162	100		
127	42.3	31.9	47.9
164	32.4	26.8	40.2



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





#47

2-Nitroaniline

Concen: 58.32 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080845.D

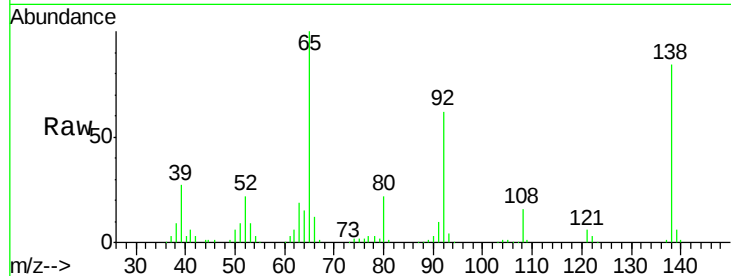
Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion: 65 Resp: 135635

Ion Ratio Lower Upper

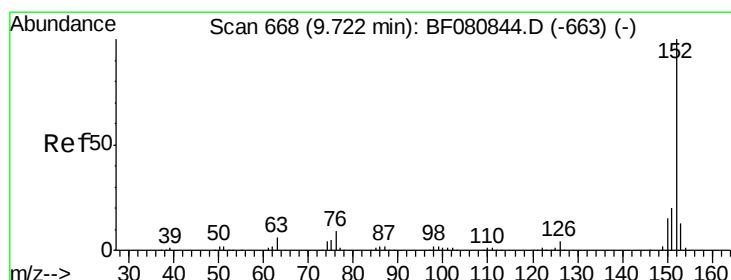
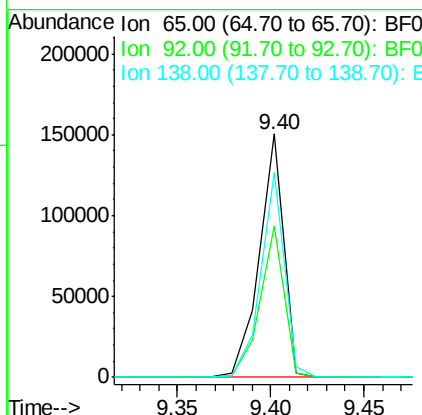
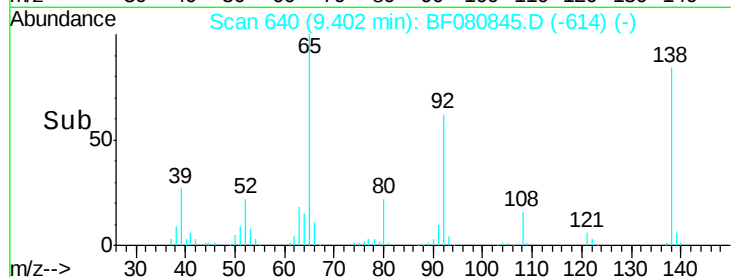
65 100

92 62.2 51.7 77.5

138 84.4 74.2 111.2

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#48

Acenaphthylene

Concen: 57.38 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

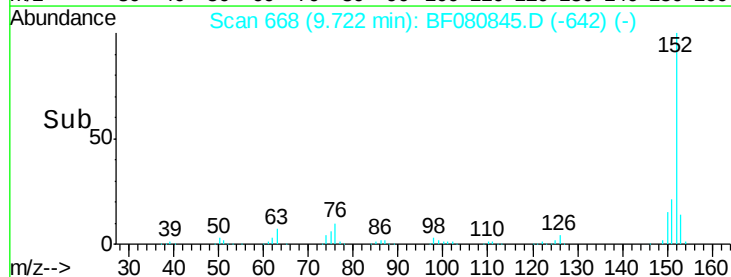
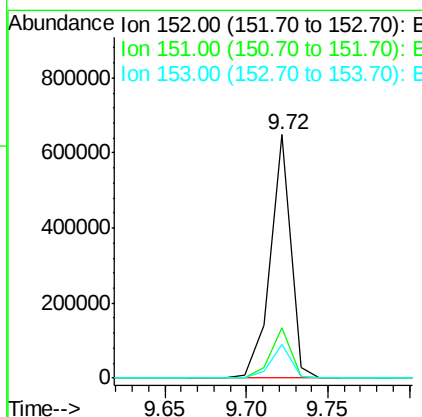
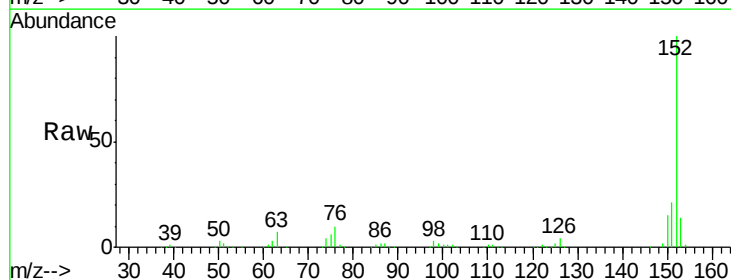
Tgt Ion: 152 Resp: 566983

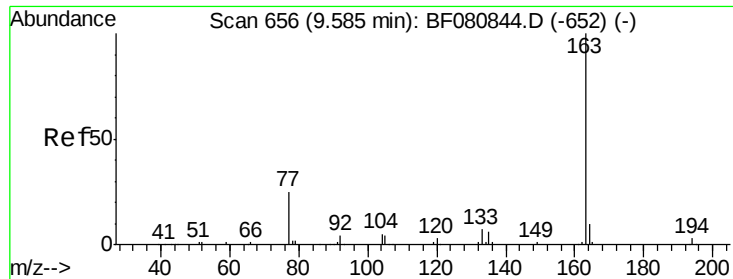
Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.6 10.6 15.8





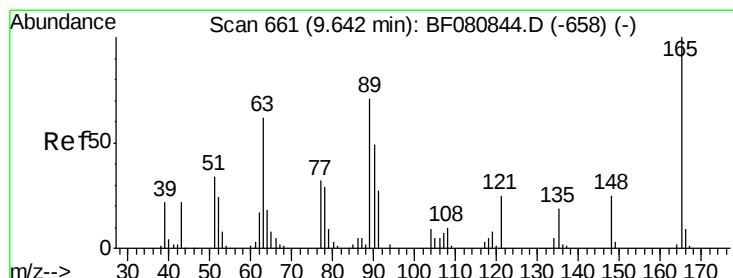
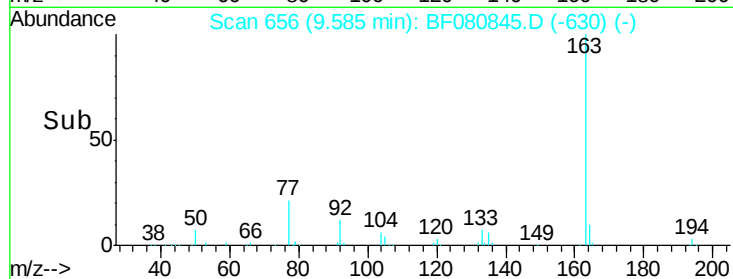
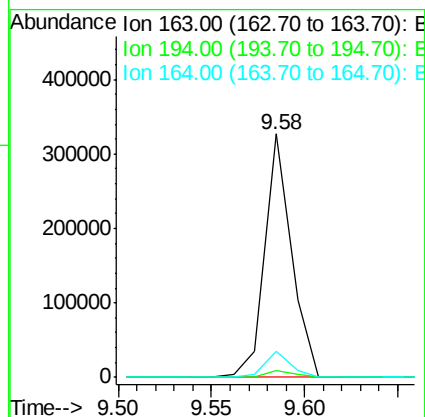
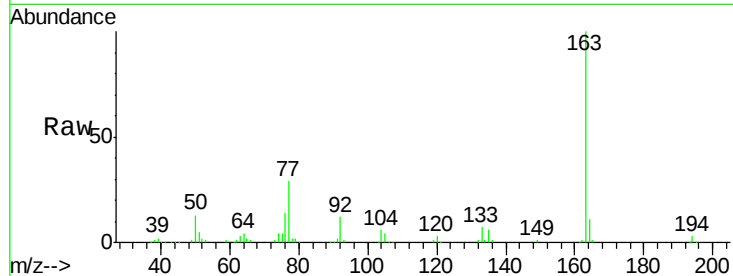
#49
Dimethylphthalate
Concen: 48.39 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.6	8.2	12.4

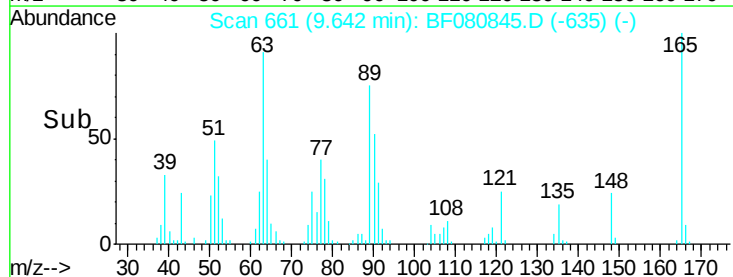
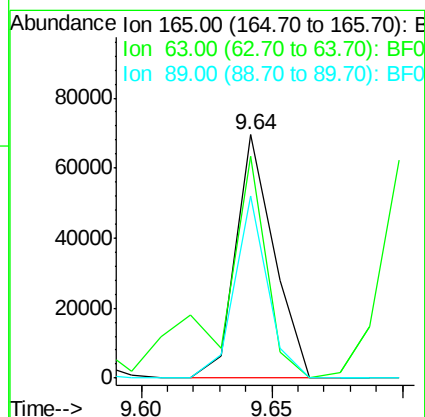
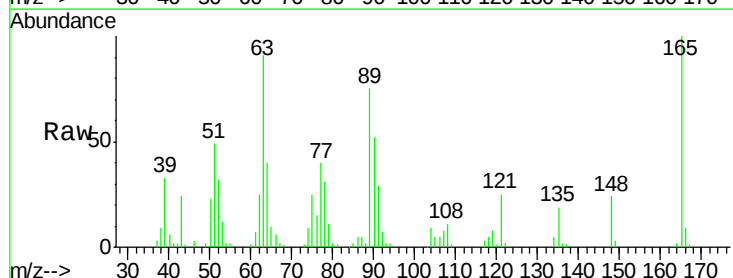
Manual Integrations
APPROVED

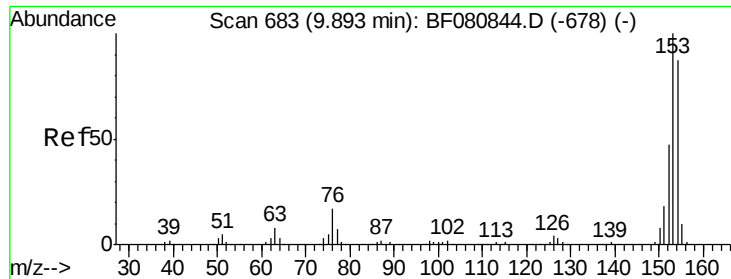
MMDadoda
8/5/2015 7:00:28 PM



#50
2,6-Dinitrotoluene
Concen: 49.47 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	91.1	65.0	97.6
89	74.6	56.6	85.0





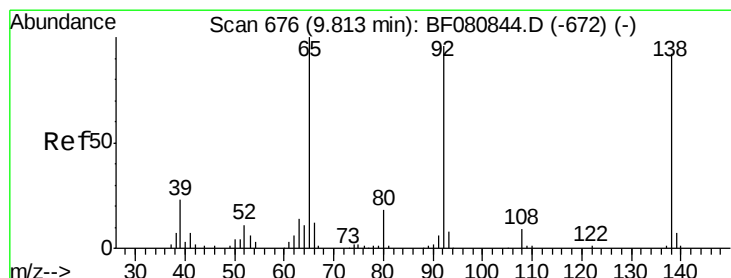
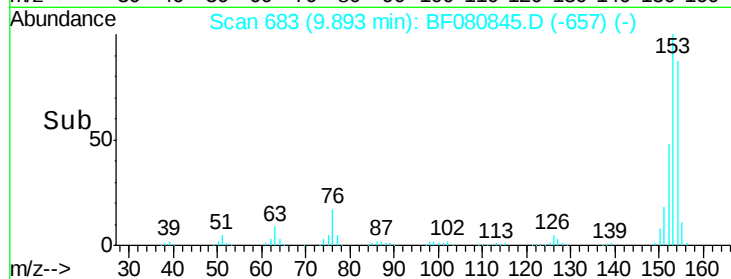
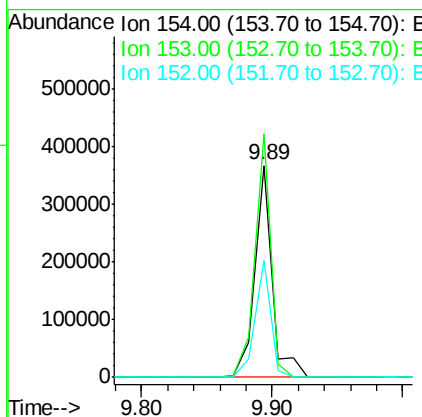
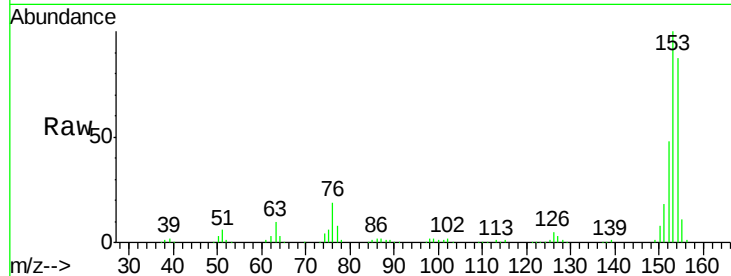
#51
Acenaphthene
Concen: 56.91 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	340559		
153	115.0	91.8	137.6	
152	55.2	43.2	64.8	

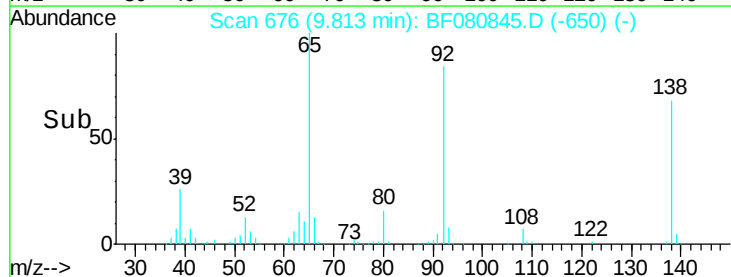
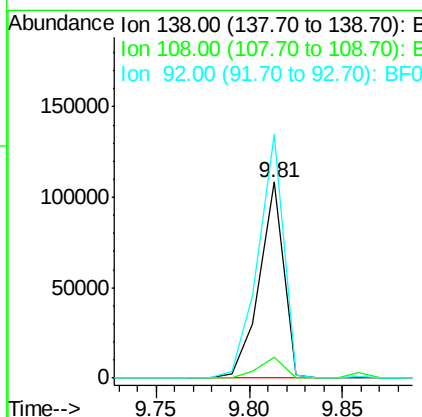
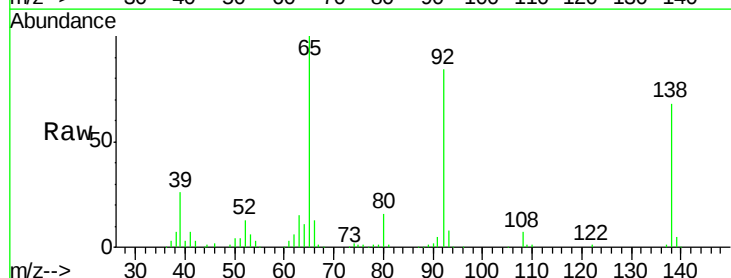
Manual Integrations
APPROVED

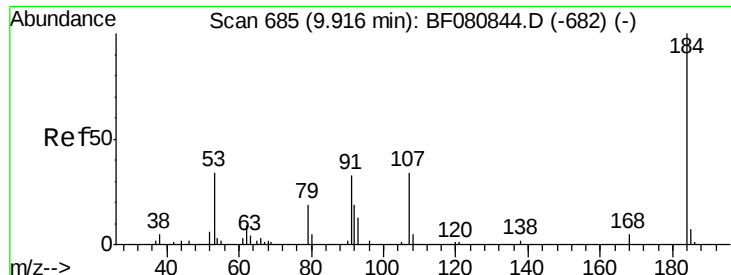
MMDadoda
8/5/2015 7:00:28 PM



#52
3-Nitroaniline
Concen: 57.99 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	97648		
108	10.6	7.9	11.9	
92	124.4	83.7	125.5	





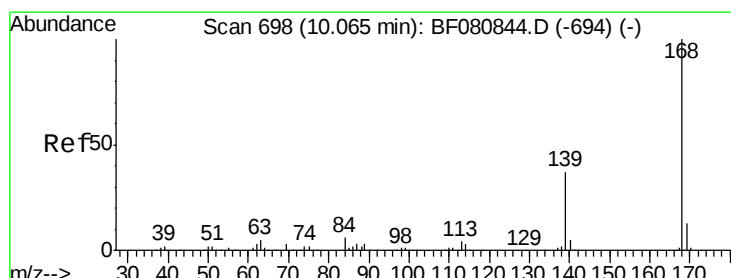
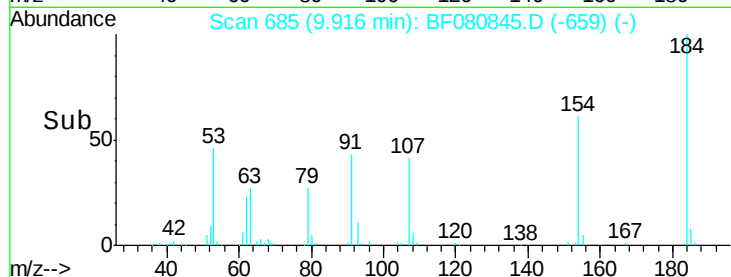
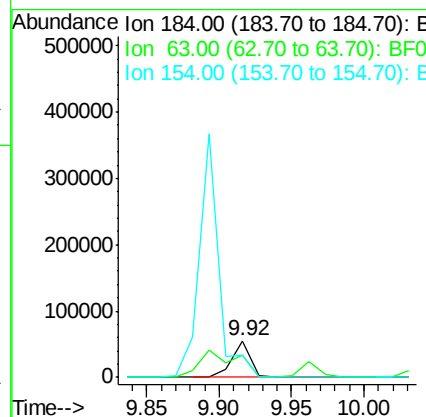
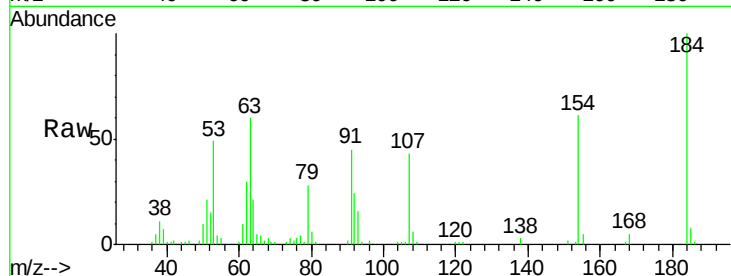
#53
 2,4-Dinitrophenol
 Concen: 62.80 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	48499		
63	60.0	33.8	50.6#	
154	60.6	44.2	66.2	

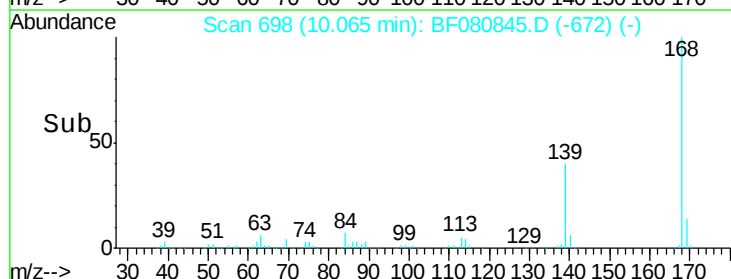
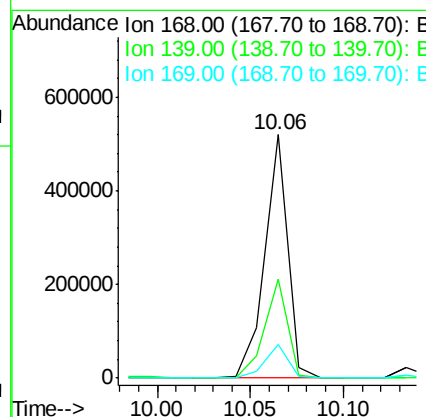
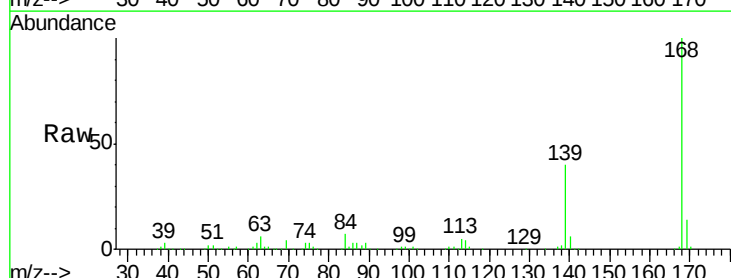
Manual Integrations
 APPROVED

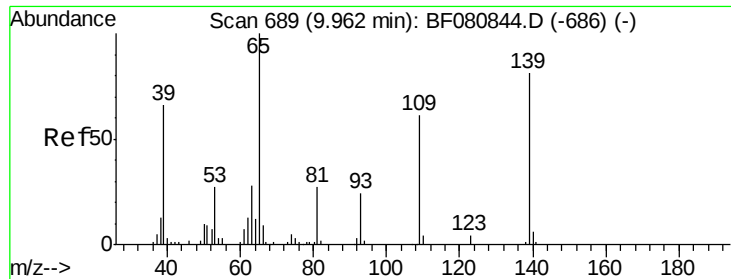
MMDadoda
 8/5/2015 7:00:28 PM



#54
 Dibenzofuran
 Concen: 56.74 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	448318		
139	40.5	30.0	45.0	
169	13.6	10.6	16.0	





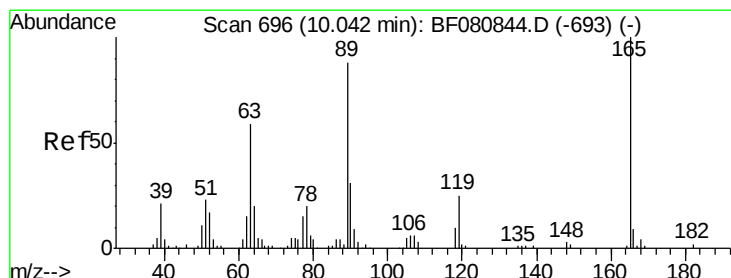
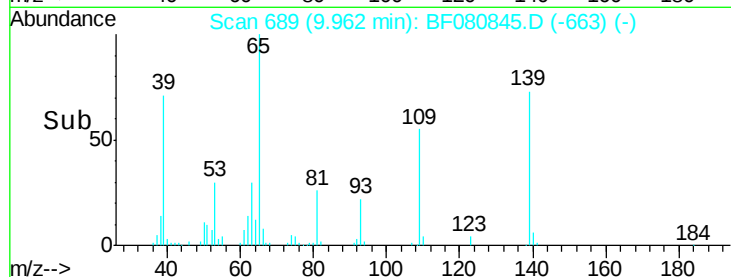
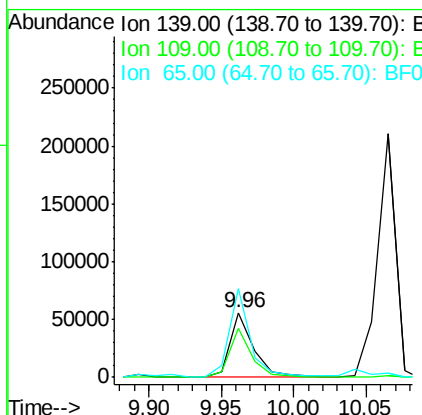
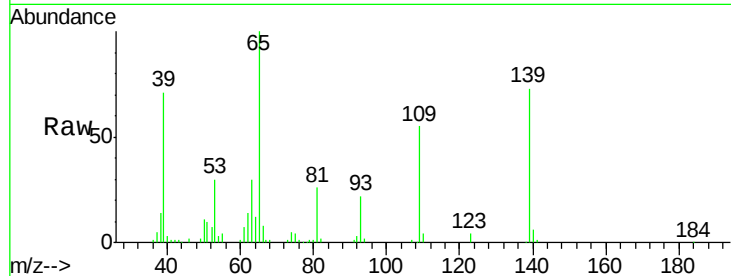
#55
4-Nitrophenol
Concen: 53.50 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64154		
109	75.0	54.4	94.4	
65	136.9	103.0	143.0	

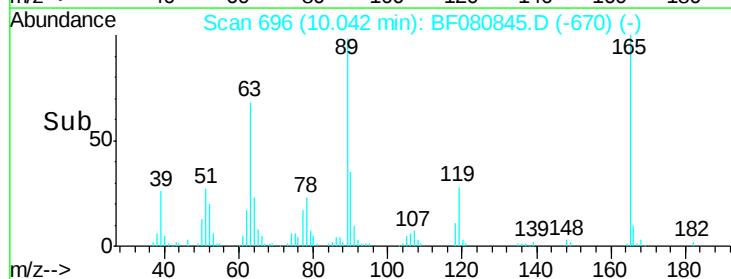
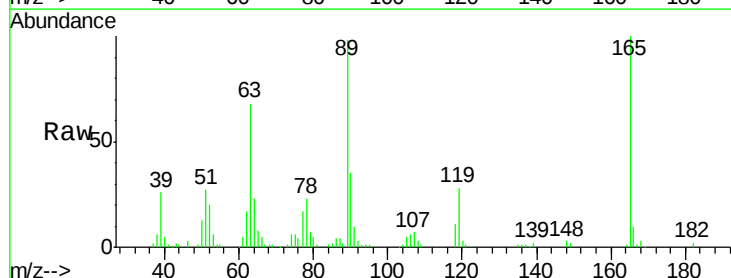
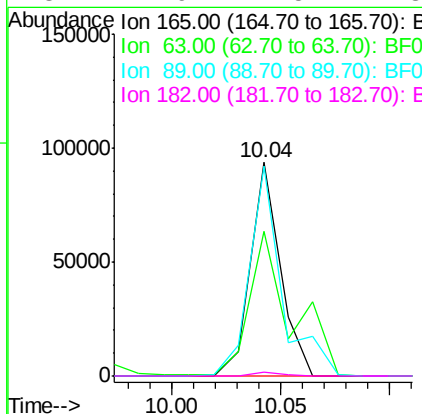
Manual Integrations
APPROVED

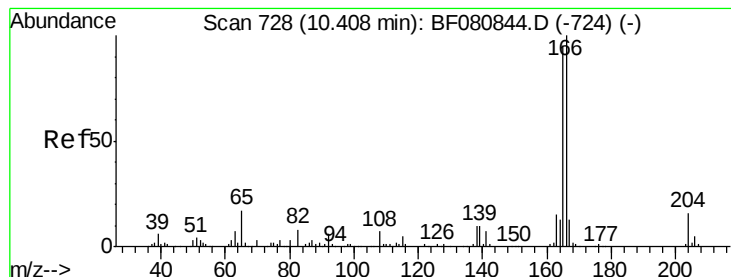
MMDadoda
8/5/2015 7:00:28 PM



#56
2,4-Dinitrotoluene
Concen: 48.84 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	89412		
63	68.0	47.2	70.8	
89	98.1	70.2	105.2	
182	1.9	1.5	2.3	





#57

Fluorene

Concen: 58.42 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

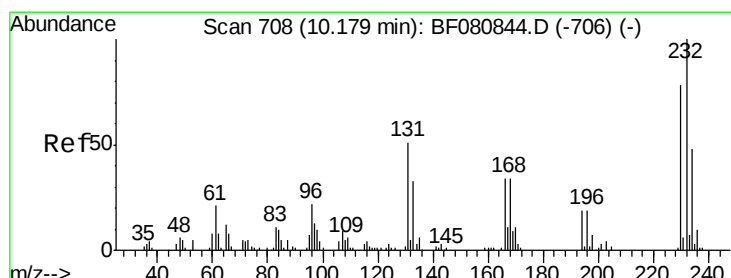
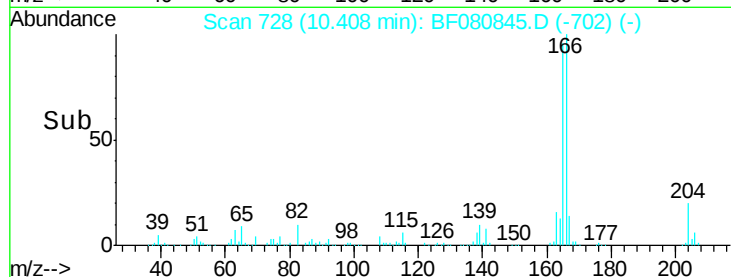
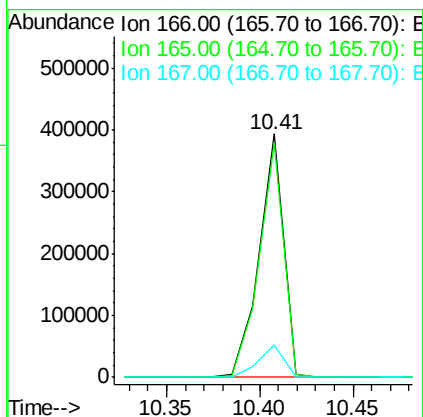
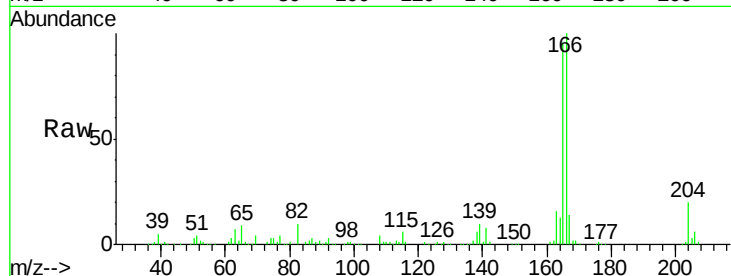
ClientSampleId :

SSTDICC050

Tgt Ion:	166	Resp:	354207
Ion Ratio	Lower	Upper	
166	100		
165	96.4	76.2	114.2
167	13.6	10.4	15.6

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.91 ng

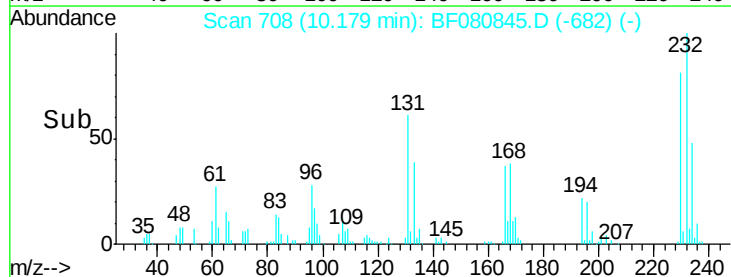
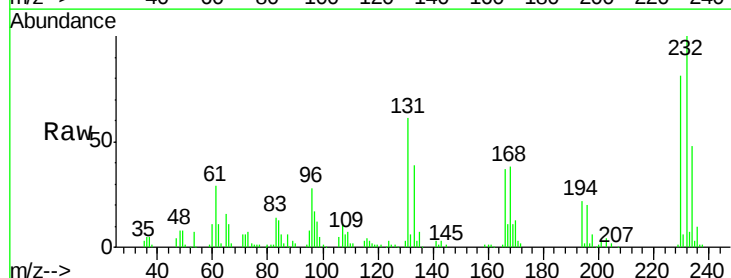
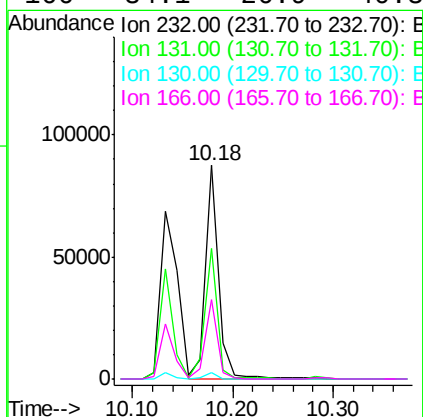
RT: 10.18 min Scan# 708

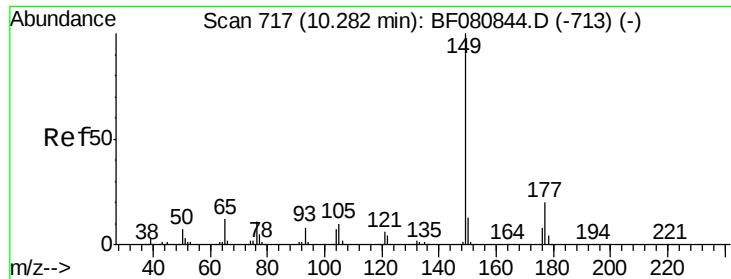
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	232	Resp:	79946
Ion Ratio	Lower	Upper	
232	100		
131	58.1	43.7	65.5
130	2.7	1.9	2.9
166	34.1	26.9	40.3





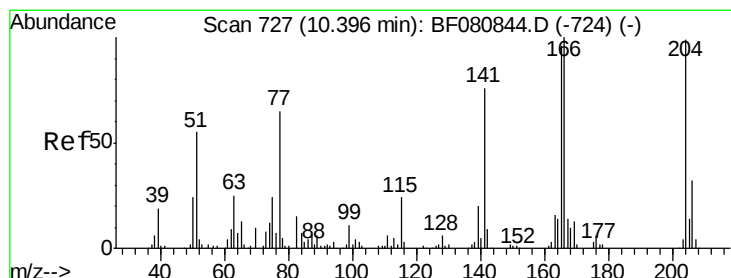
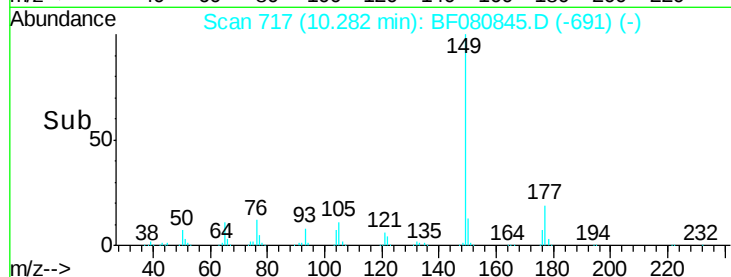
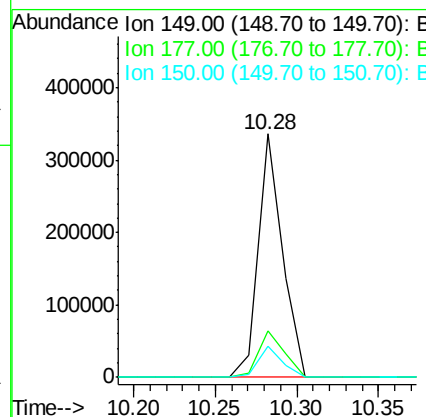
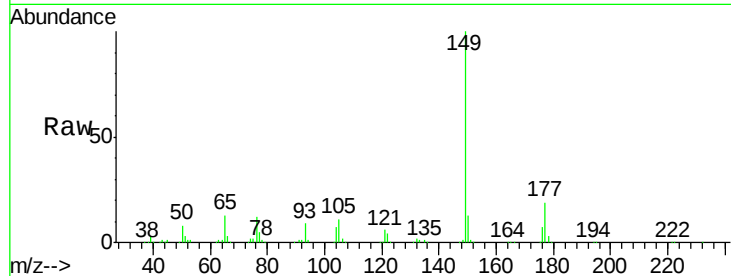
#59
Diethylphthalate
Concen: 53.87 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	347291		
177	19.1	15.8	23.8	
150	13.0	10.2	15.2	

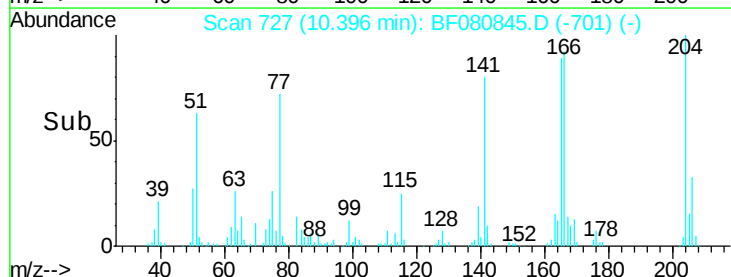
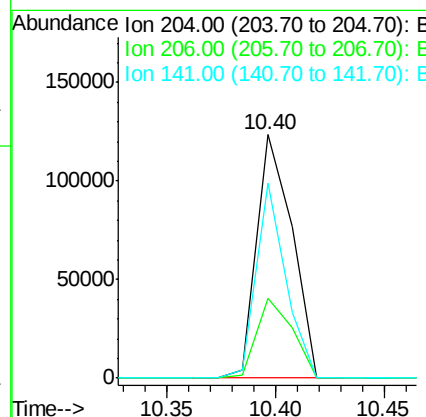
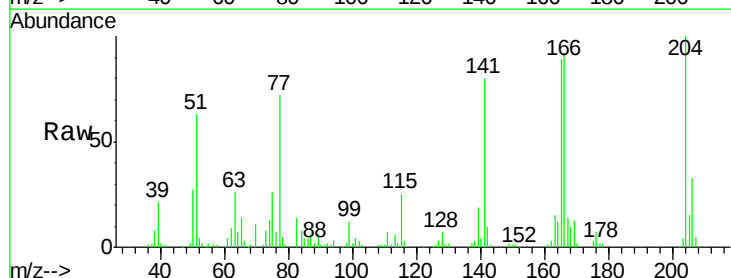
Manual Integrations
APPROVED

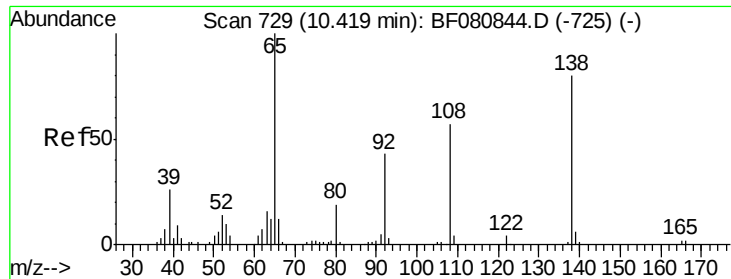
MMDadoda
8/5/2015 7:00:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.07 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	140217		
206	32.8	25.8	38.8	
141	80.3	61.4	92.2	





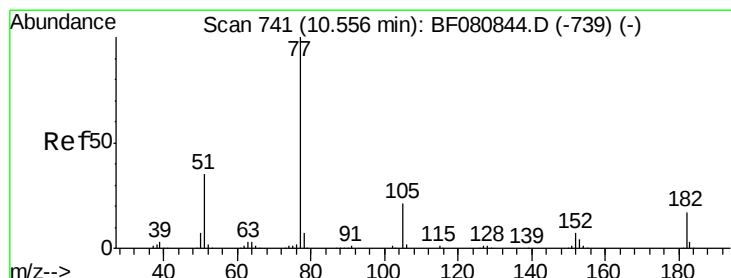
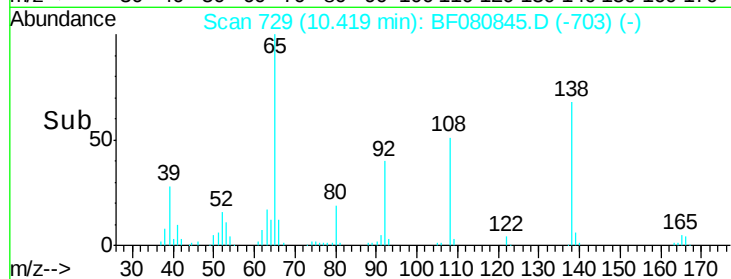
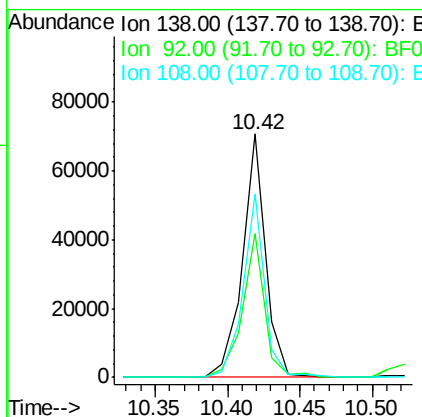
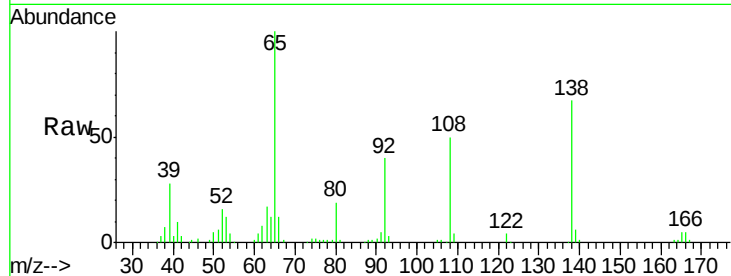
#61
4-Nitroaniline
Concen: 49.56 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	33.5	73.5
108	75.3	52.3	92.3

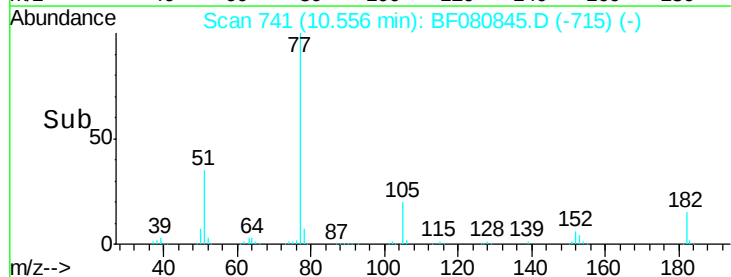
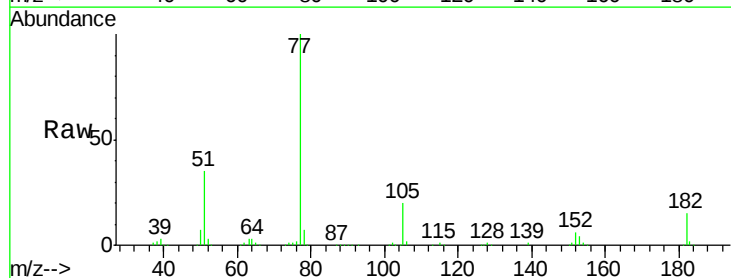
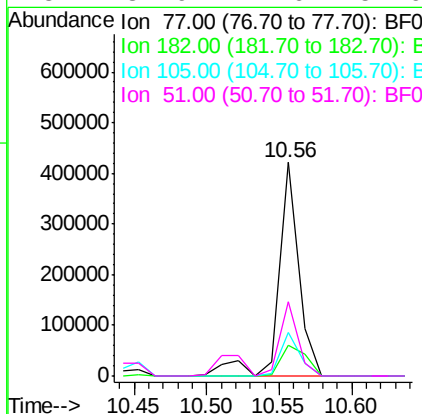
Manual Integrations
APPROVED

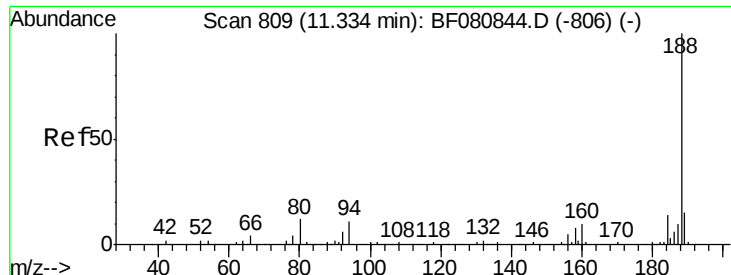
MMDadoda
8/5/2015 7:00:28 PM



#62
Azobenzene
Concen: 55.93 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.7	0.0	37.0
105	20.1	1.3	41.3
51	34.9	14.6	54.6





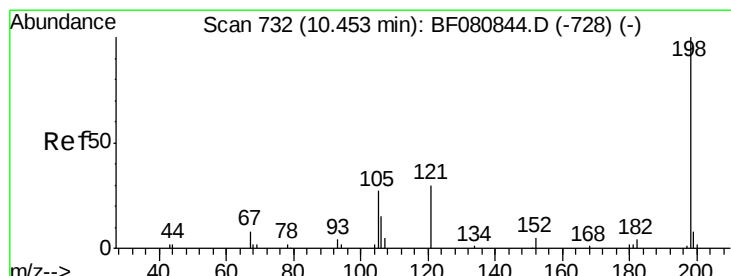
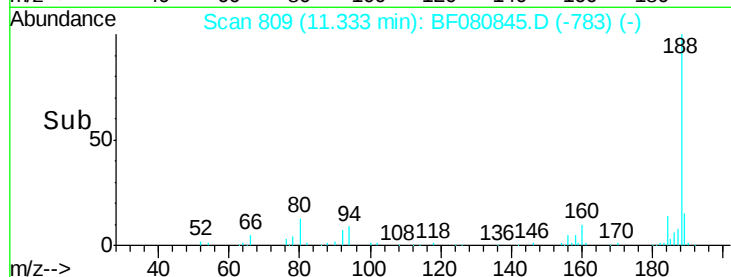
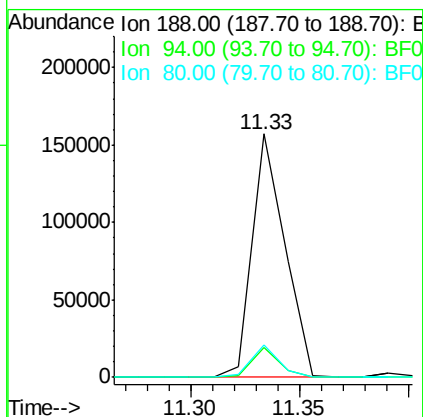
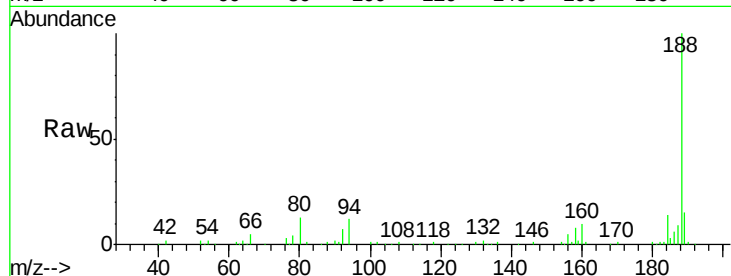
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	188	Resp:	163866
Ion Ratio	Lower	Upper	
188	100		
94	12.0	8.6	12.8
80	13.4	9.3	13.9

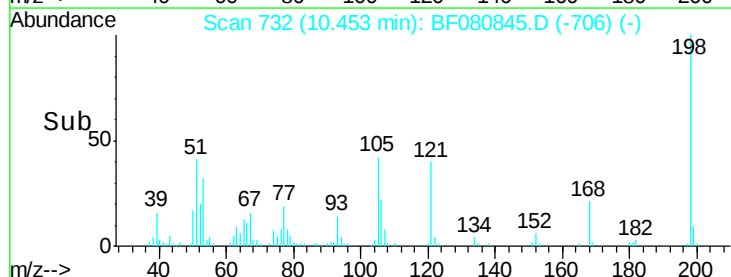
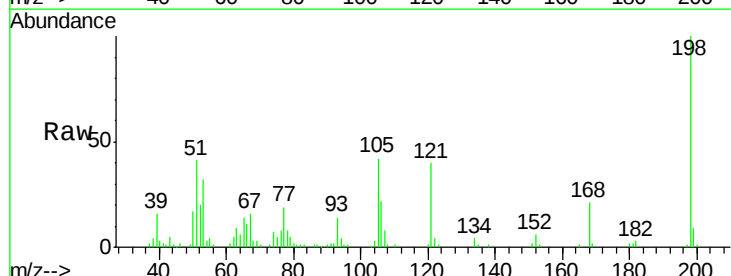
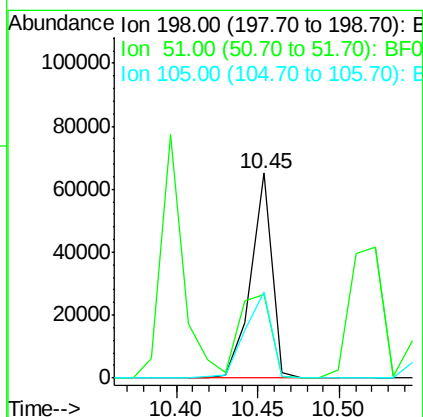
Manual Integrations
 APPROVED

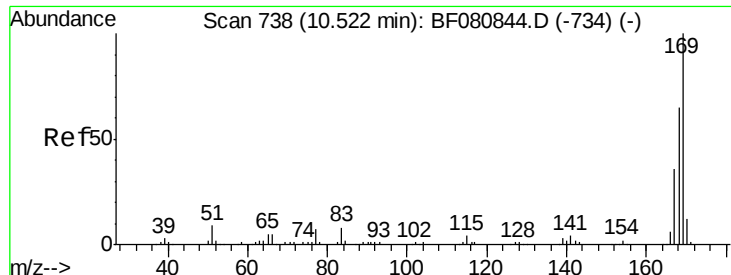
MMDadoda
 8/5/2015 7:00:28 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.07 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion:	198	Resp:	58666
Ion Ratio	Lower	Upper	
198	100		
51	40.9	4.7	44.7
105	41.9	8.5	48.5





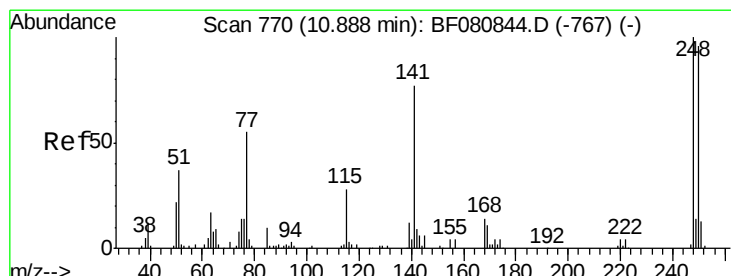
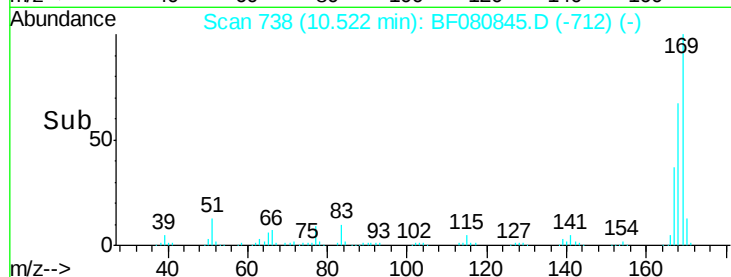
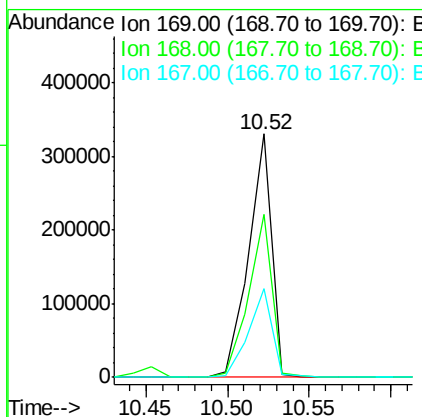
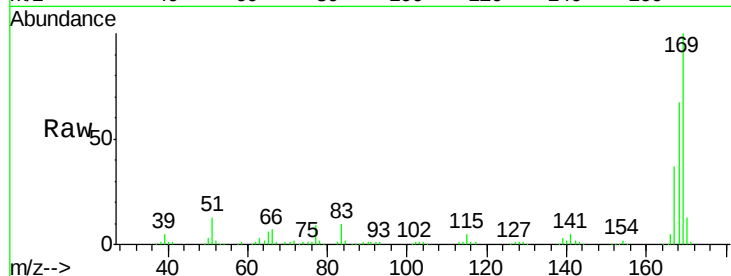
#65
 n-Nitrosodiphenylamine
 Concen: 55.98 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	322180		
168	66.9	52.2	78.4	
167	36.5	29.2	43.8	

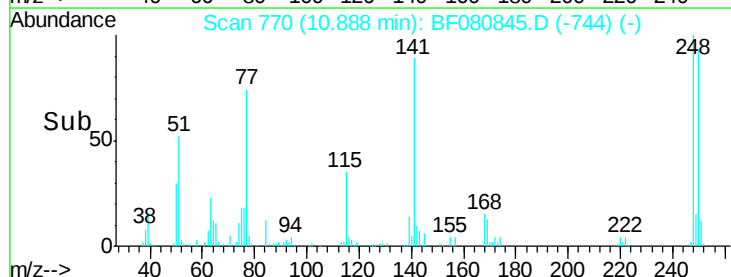
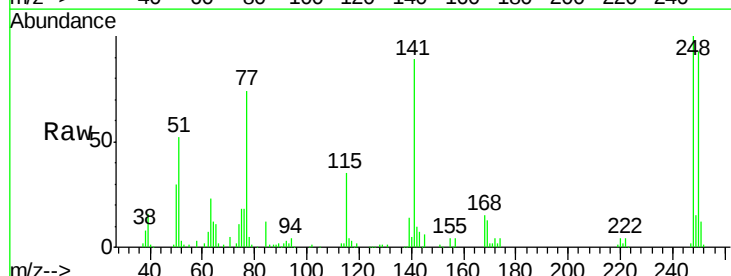
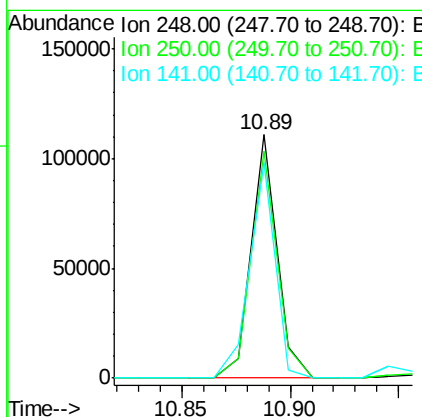
Manual Integrations
 APPROVED

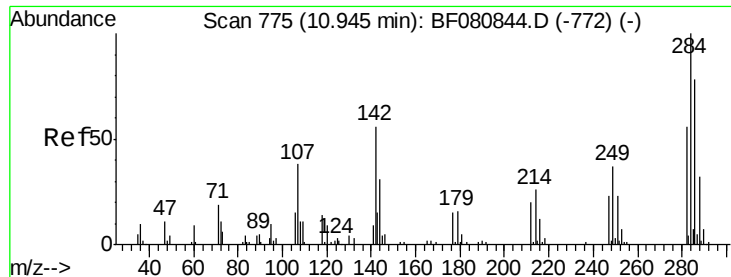
MMDadoda
 8/5/2015 7:00:28 PM



#66
 4-Bromophenyl-phenylether
 Concen: 50.17 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	91928		
250	93.3	77.2	115.8	
141	88.7	61.4	92.0	





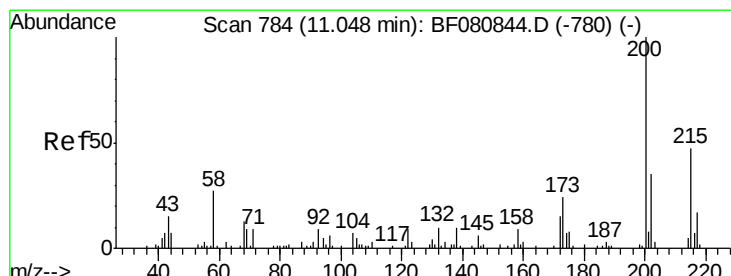
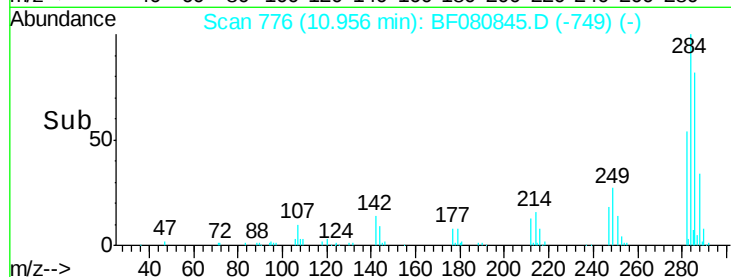
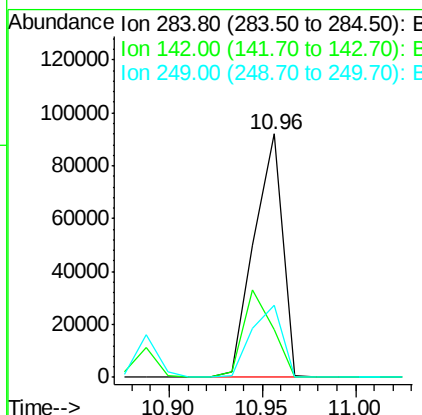
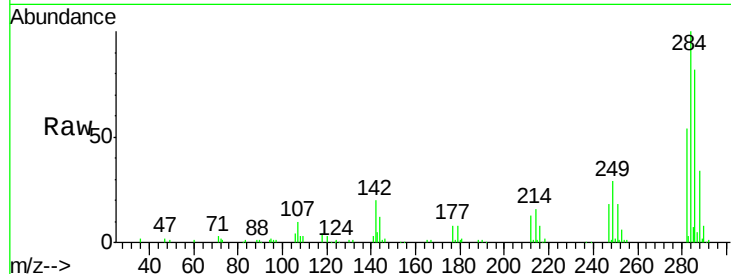
#67
Hexachlorobenzene
Concen: 49.22 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
284	100		
142	19.6	44.4	66.6#
249	29.5	29.3	43.9

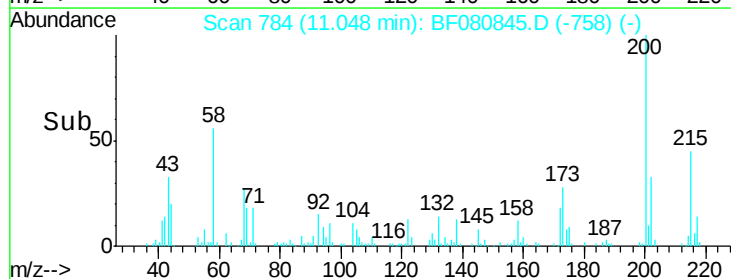
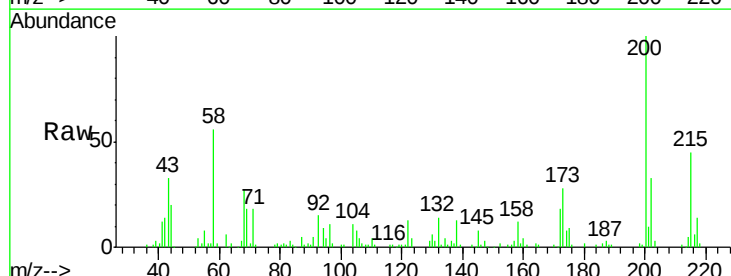
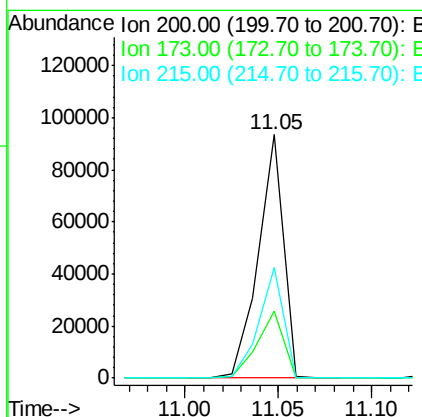
Manual Integrations
APPROVED

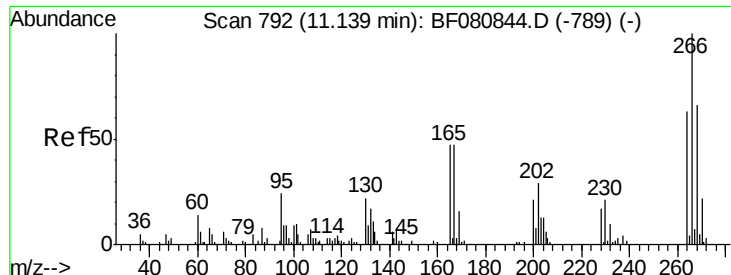
MMDadoda
8/5/2015 7:00:28 PM



#68
Atrazine
Concen: 65.43 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	4.8	44.8
215	45.3	27.1	67.1





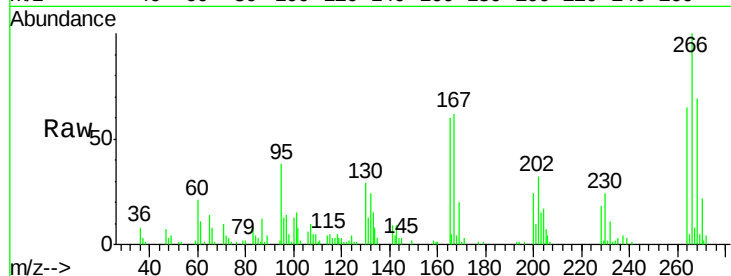
#69
 Pentachlorophenol
 Concen: 49.40 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

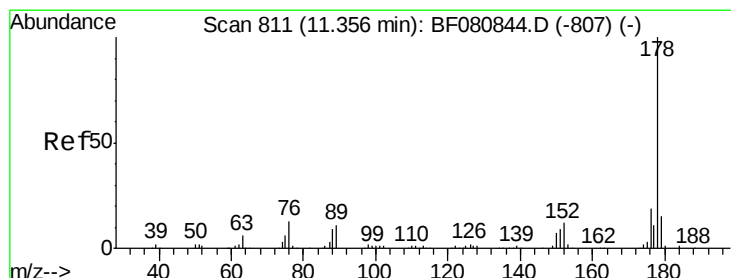
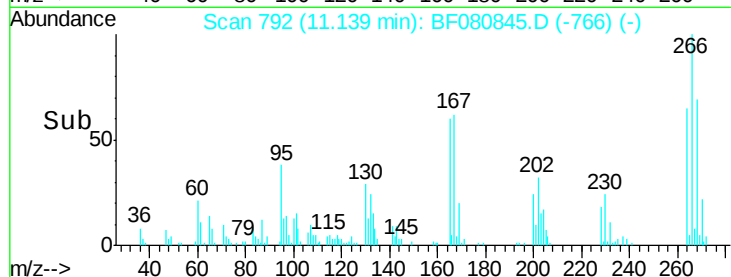
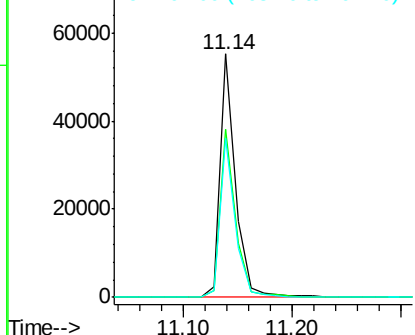
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	54658		
268	69.1	52.6	78.8	
264	65.2	50.7	76.1	

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:00:28 PM

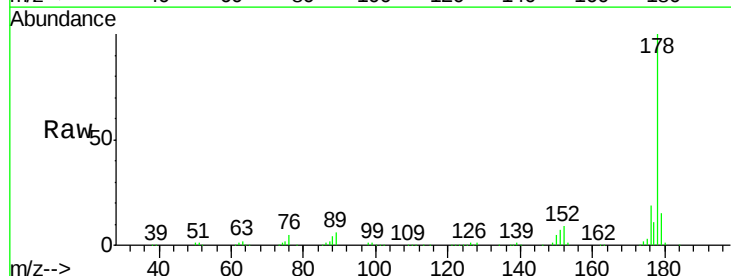


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

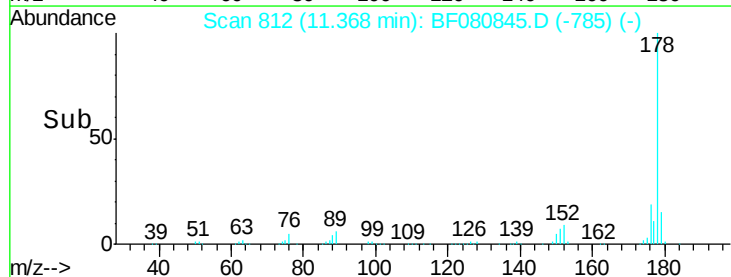
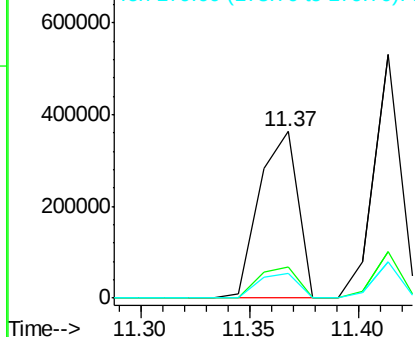


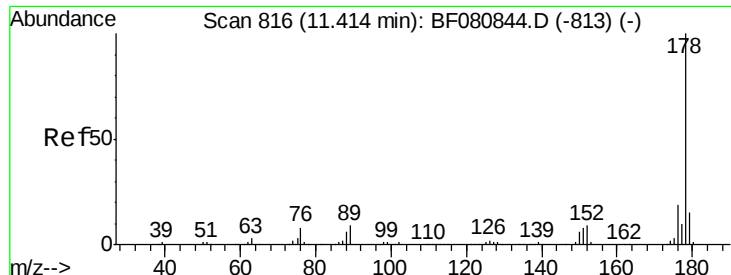
#70
 Phenanthrene
 Concen: 52.83 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	452698		
176	18.8	15.3	22.9	
179	14.8	12.3	18.5	



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





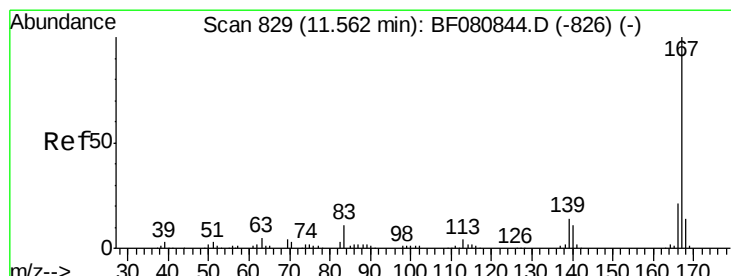
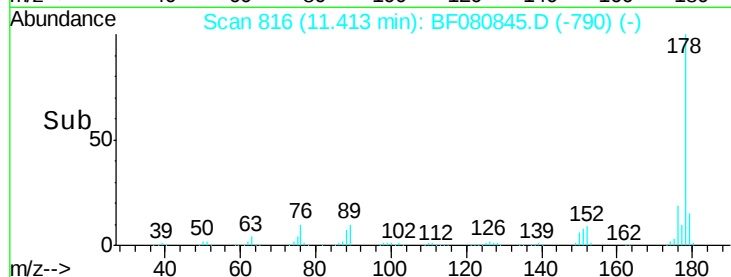
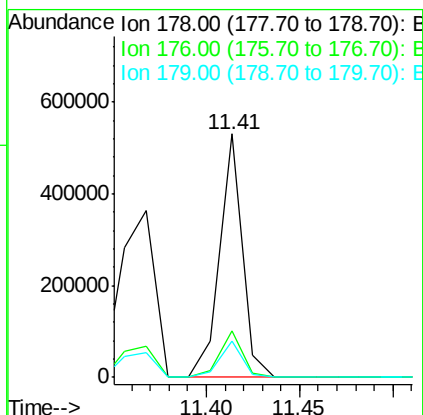
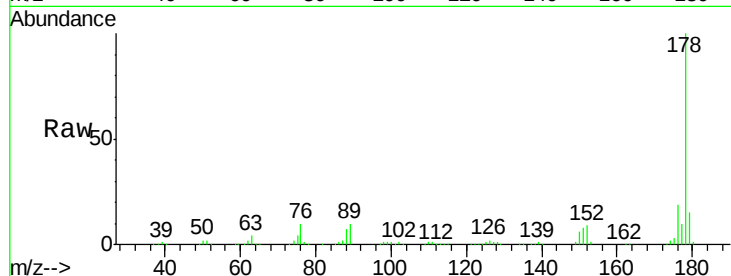
#71
 Anthracene
 Concen: 51.76 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	452169		
176	18.9	15.4	23.2	
179	15.1	12.2	18.4	

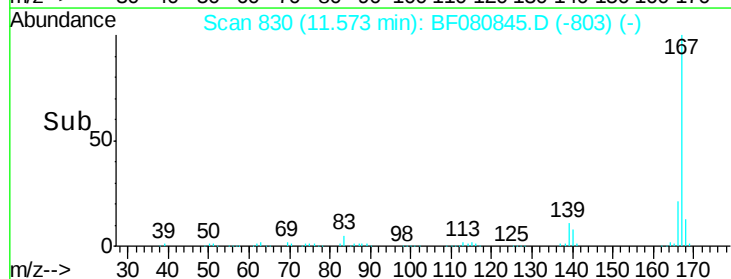
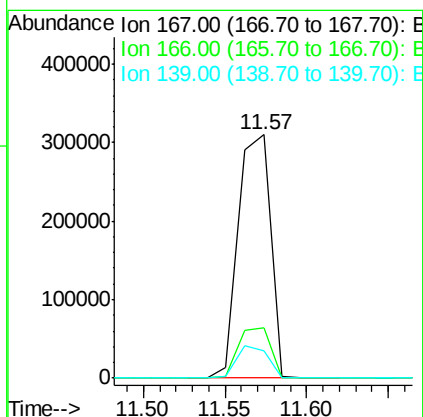
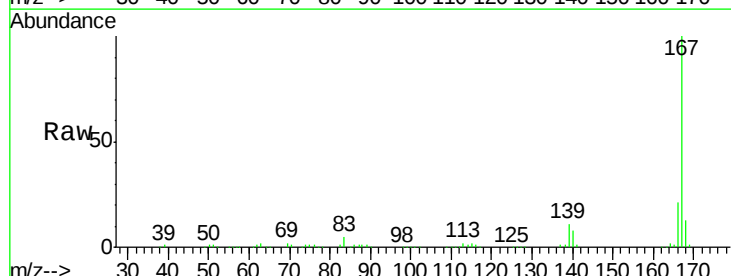
Manual Integrations
 APPROVED

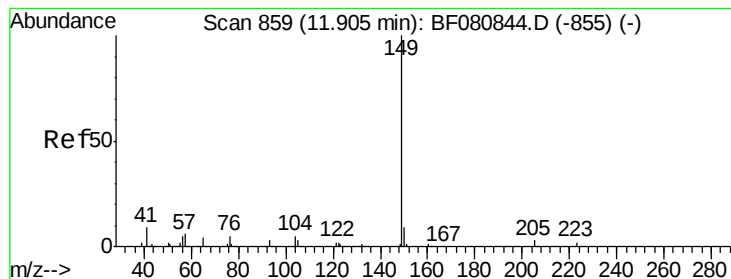
MMDadoda
 8/5/2015 7:00:28 PM



#72
 Carbazole
 Concen: 57.72 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	423269		
166	20.9	16.6	25.0	
139	11.3	11.3	16.9	





#73

Di-n-butylphthalate

Concen: 55.72 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

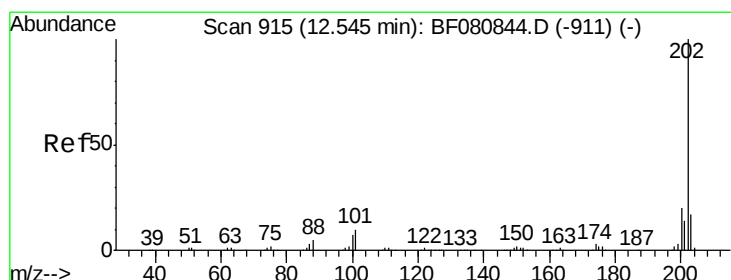
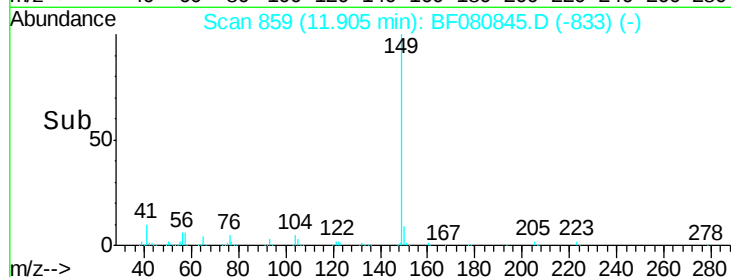
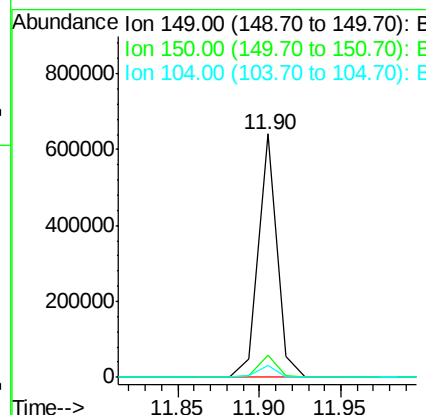
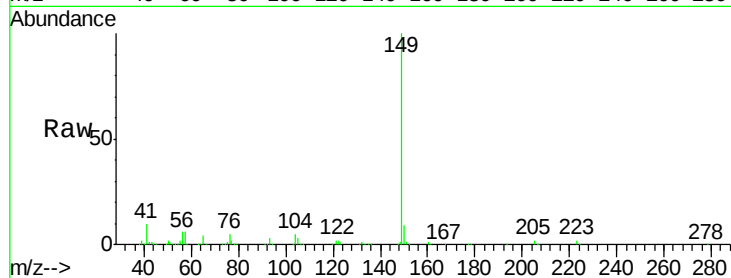
ClientSampleId :

SSTDICC050

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM

Tgt Ion:	149	Resp:	511565
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	5.1	3.9	5.9



#74

Fluoranthene

Concen: 54.14 ng

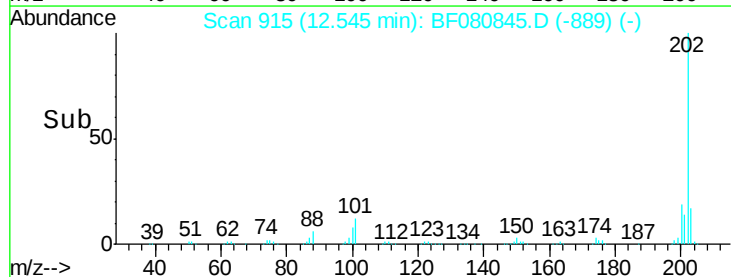
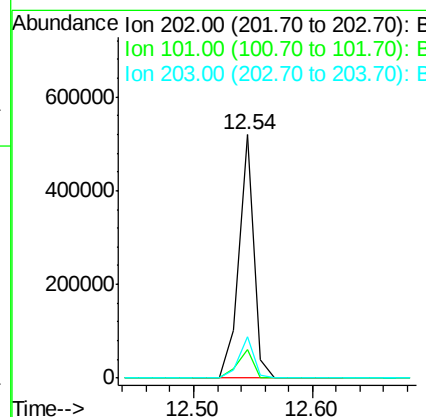
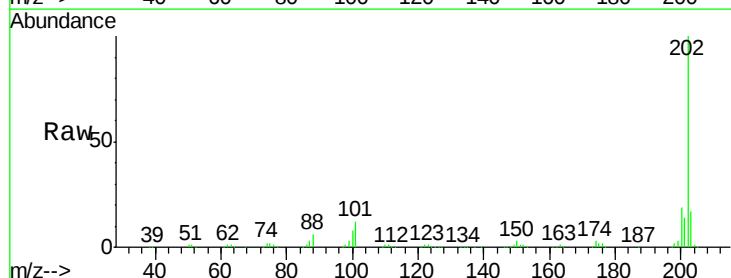
RT: 12.54 min Scan# 915

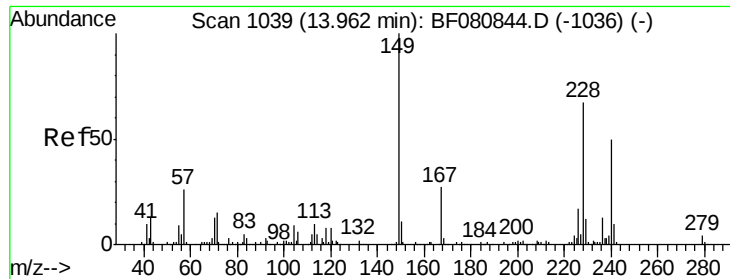
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	202	Resp:	456147
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	29.9
203	17.2	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

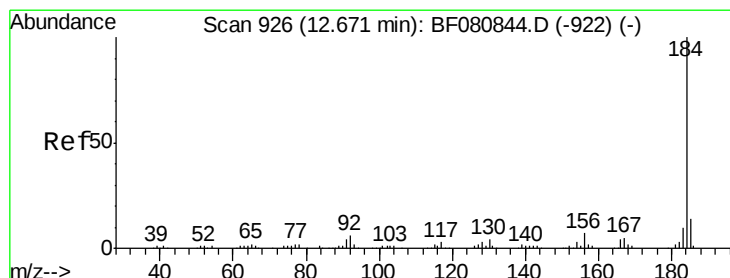
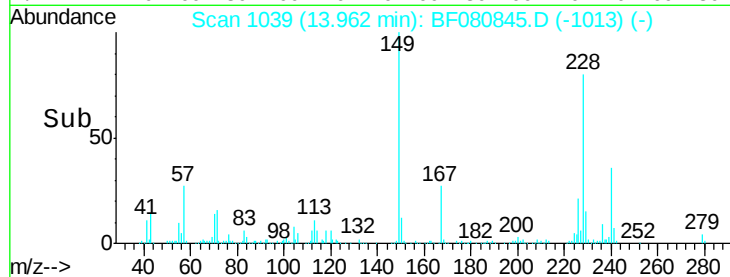
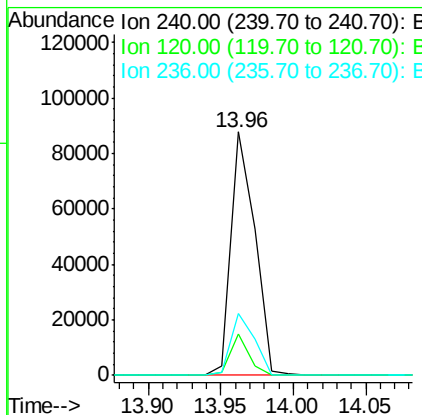
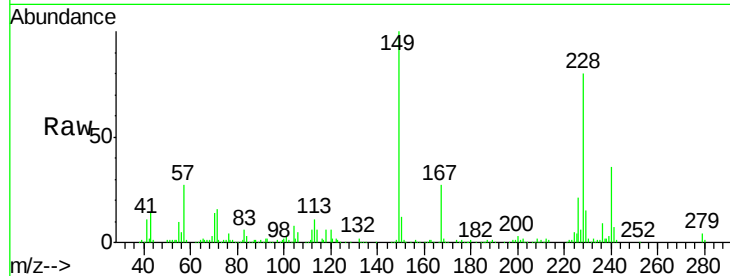
ClientSampleId :

SSTDICC050

Tgt Ion:	240	Resp:	100658
Ion Ratio	Lower	Upper	
240	100		
120	17.1	13.0	19.6
236	25.4	20.7	31.1

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#76

Benzidine

Concen: 83.86 ng

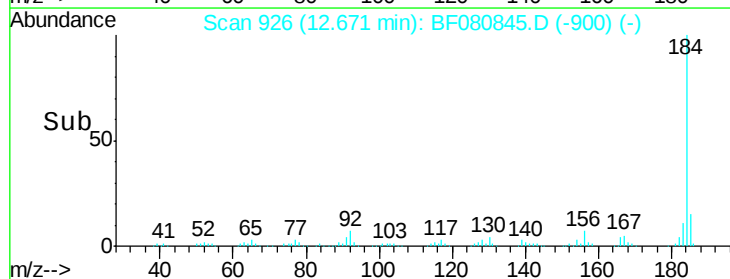
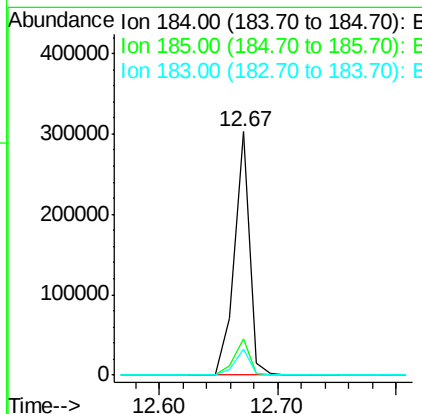
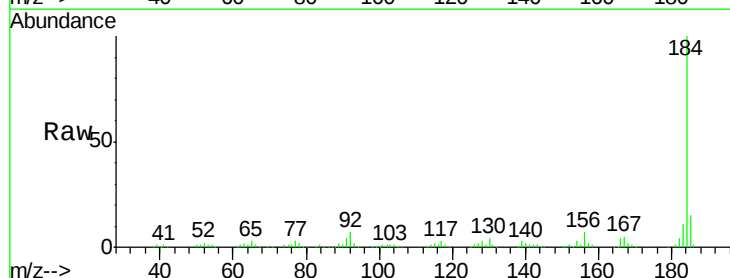
RT: 12.67 min Scan# 926

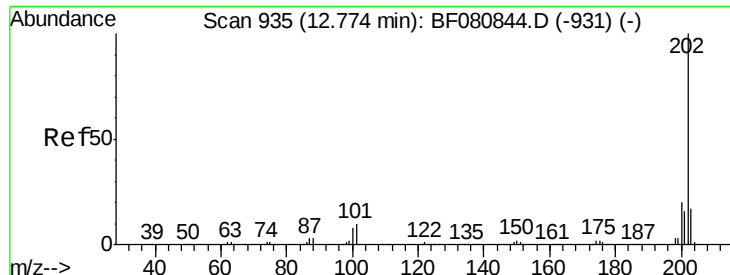
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	184	Resp:	269904
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.4	17.2
183	10.9	8.4	12.6





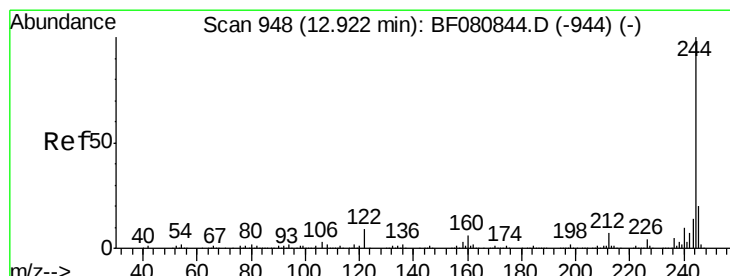
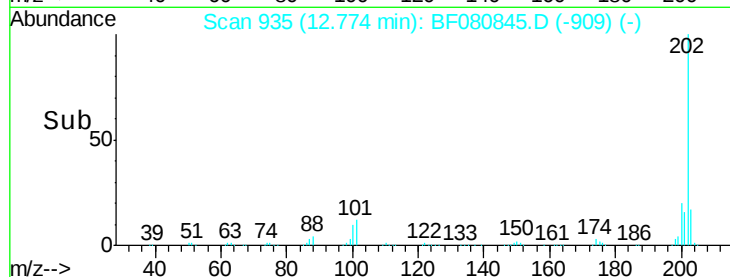
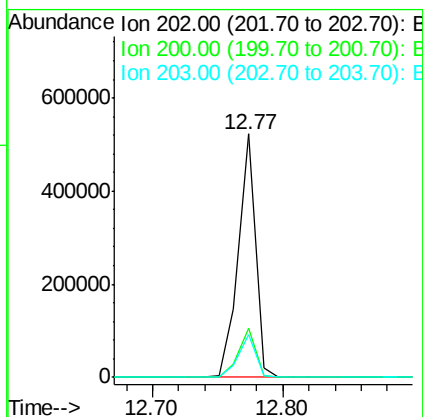
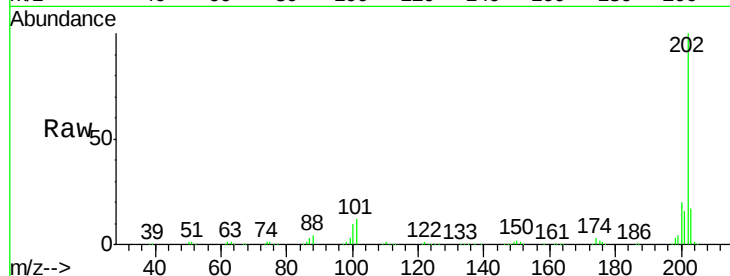
#77
 Pyrene
 Concen: 61.27 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.3	13.6	20.4

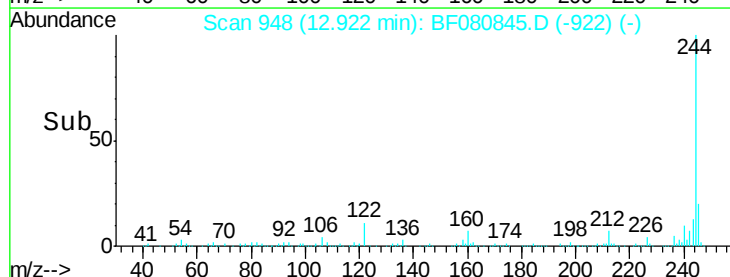
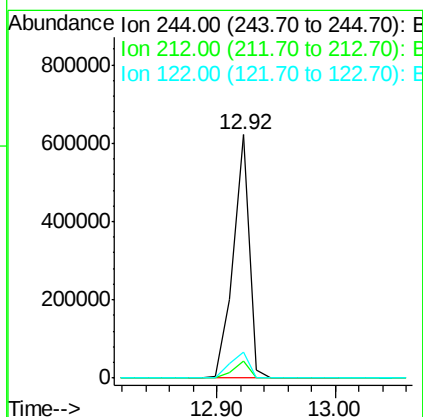
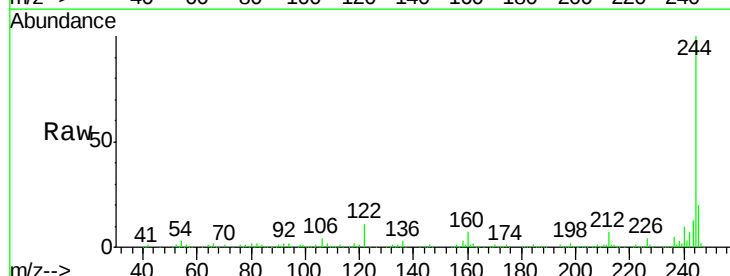
Manual Integrations
 APPROVED

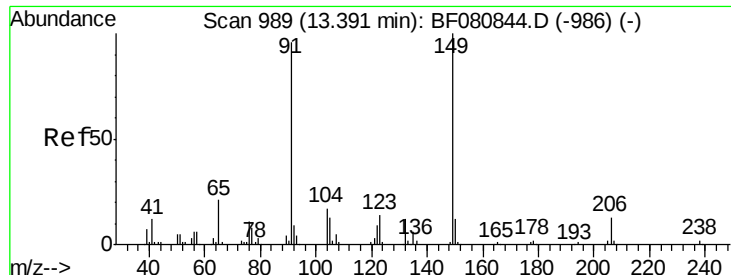
MMDadoda
 8/5/2015 7:00:28 PM



#78
 Terphenyl-d14
 Concen: 112.28 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.6	7.1	10.7





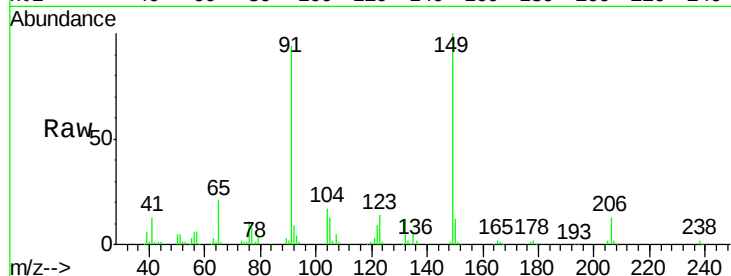
#79
Butylbenzylphthalate
Concen: 64.98 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

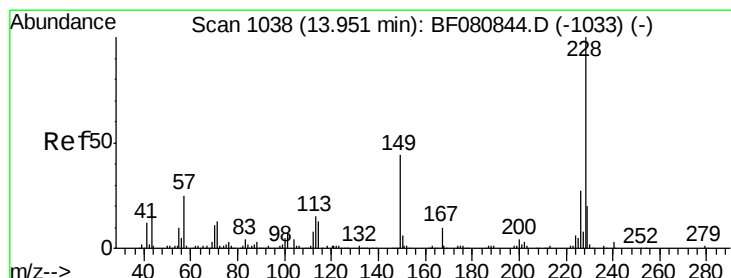
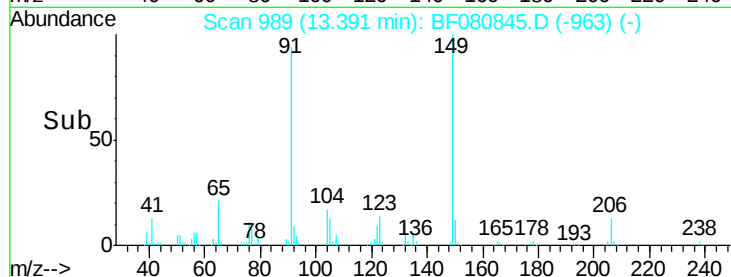
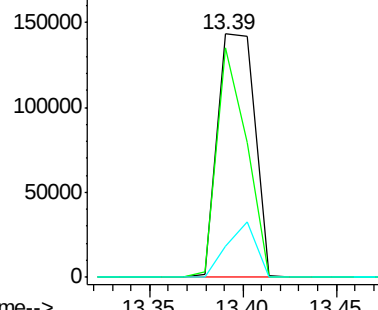
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	197479		
91	94.3	76.4	114.6	
206	13.0	10.7	16.1	

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM

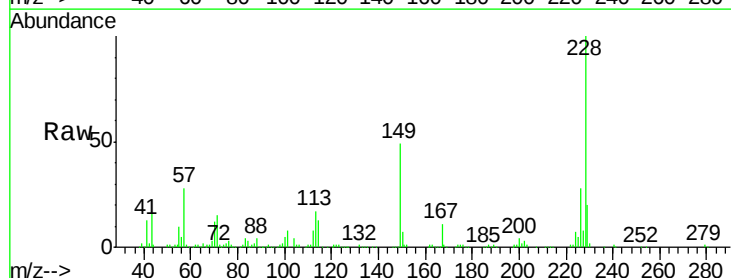


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

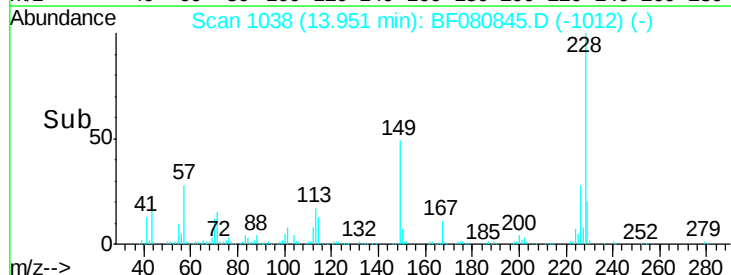
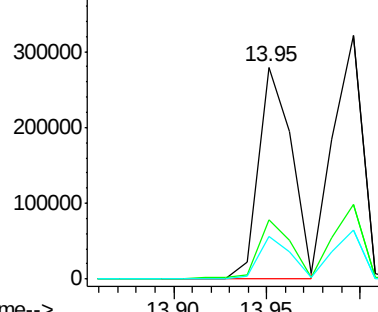


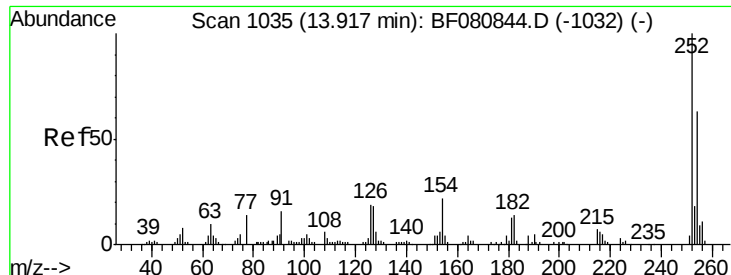
#80
Benzo(a)anthracene
Concen: 59.09 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080845.D
Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	346384		
226	27.8	21.5	32.3	
229	20.2	16.2	24.2	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





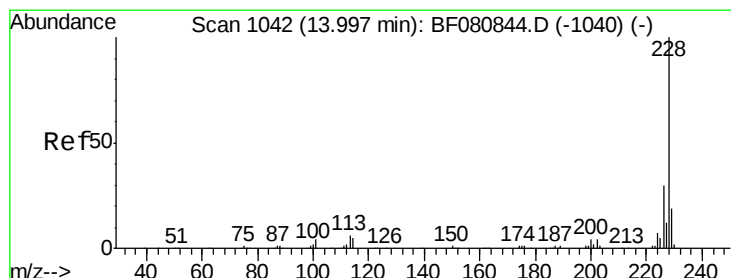
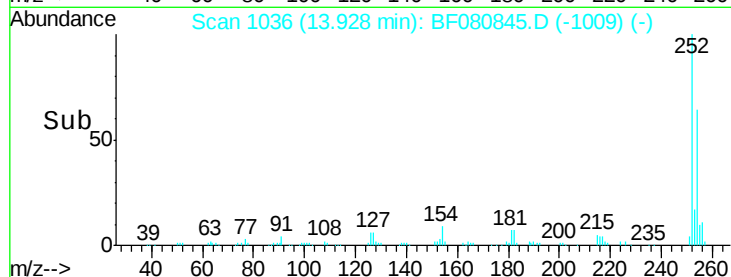
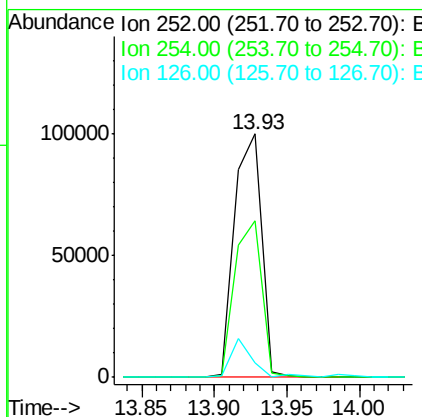
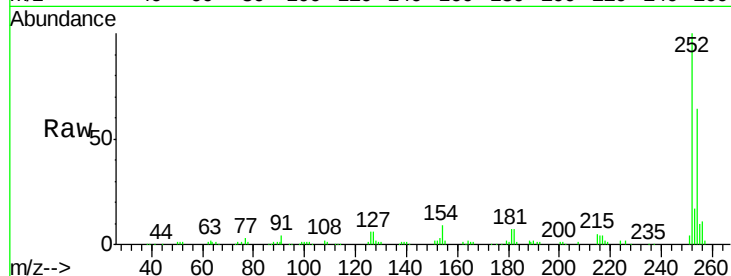
#81
 3,3'-Dichlorobenzidine
 Concen: 62.94 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	50.3	75.5
126	5.8	15.1	22.7

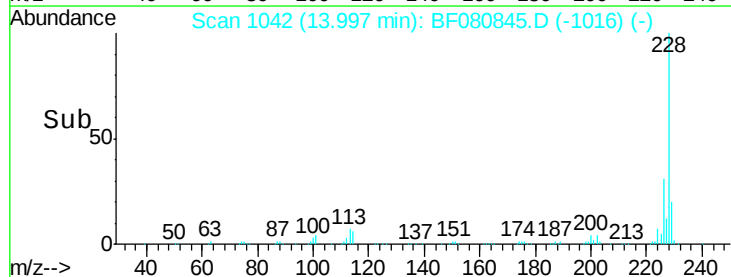
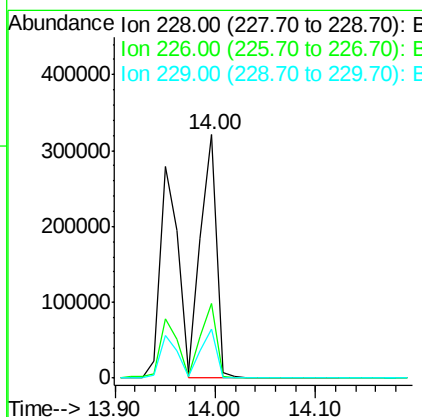
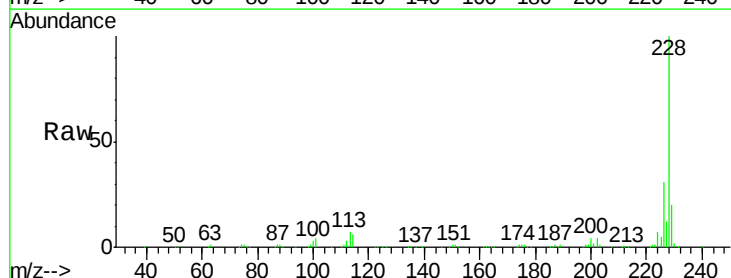
Manual Integrations
 APPROVED

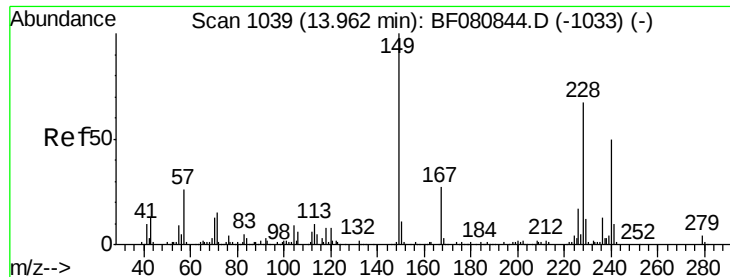
MMDadoda
 8/5/2015 7:00:28 PM



#82
 Chrysene
 Concen: 62.12 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	23.6	35.4
229	20.0	15.1	22.7





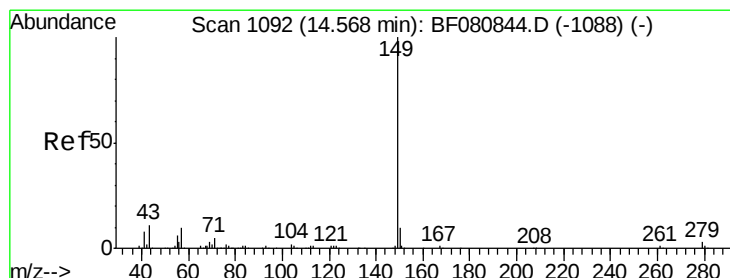
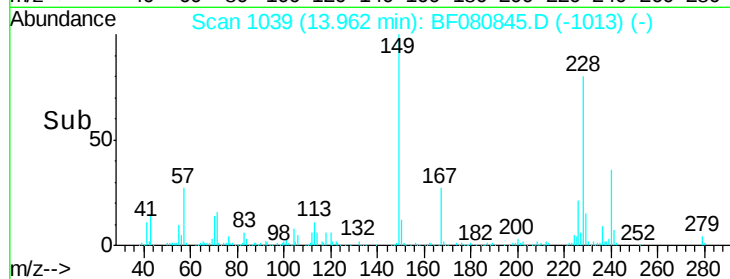
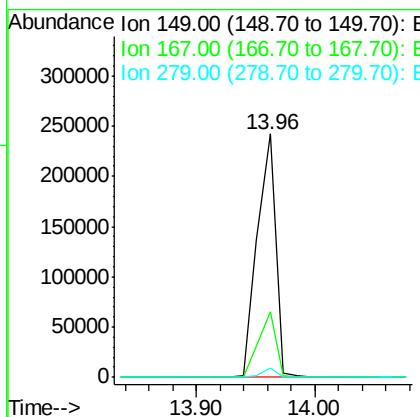
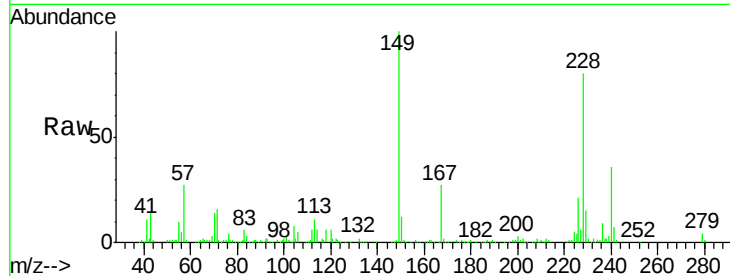
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 69.34 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	265880		
167	26.9	21.8	32.8	
279	3.6	3.0	4.4	

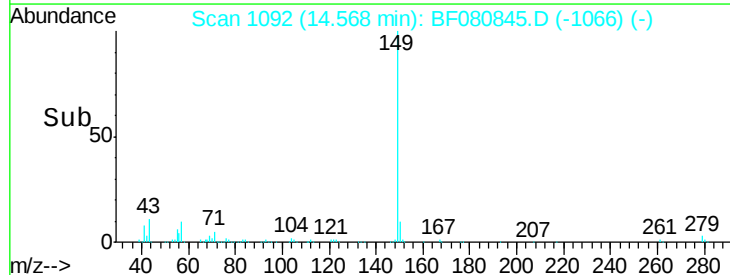
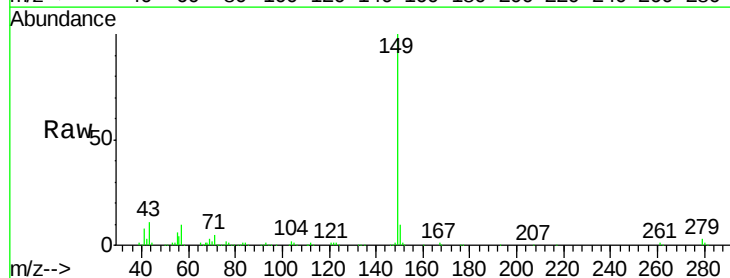
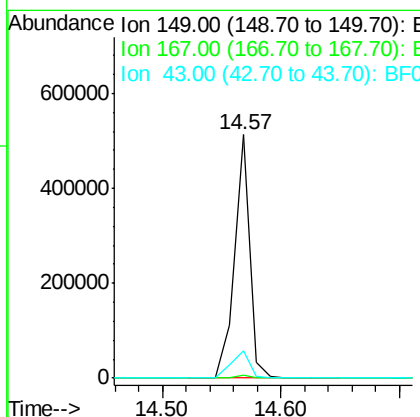
Manual Integrations
 APPROVED

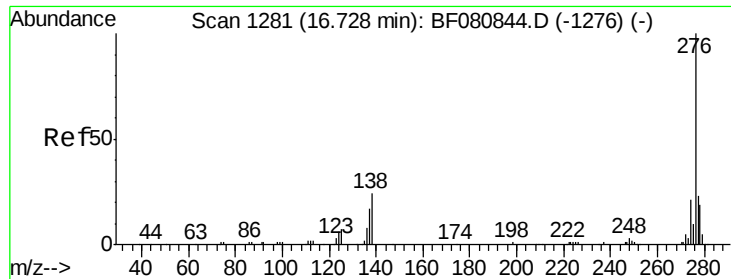
MMDadoda
 8/5/2015 7:00:28 PM



#84
 Di-n-octyl phthalate
 Concen: 73.66 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	454753		
167	1.4	1.1	1.7	
43	13.3	10.3	15.5	





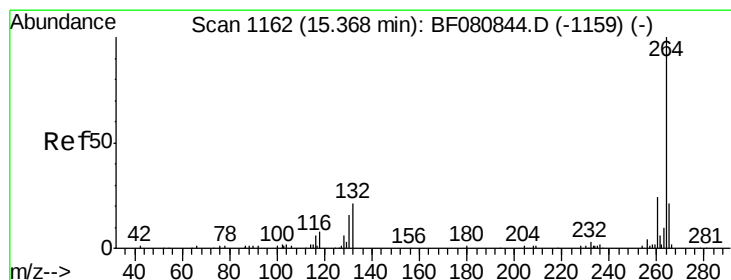
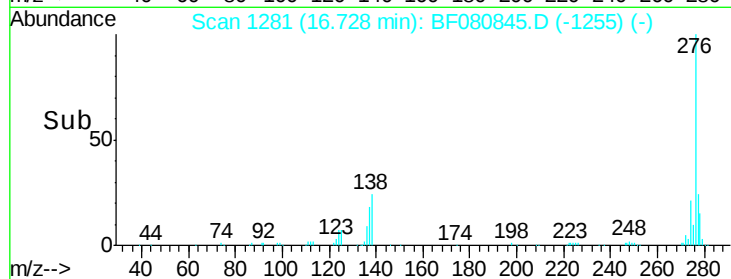
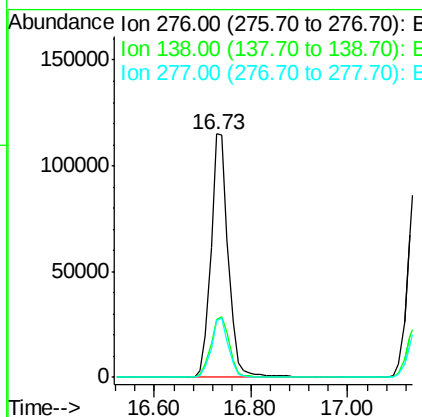
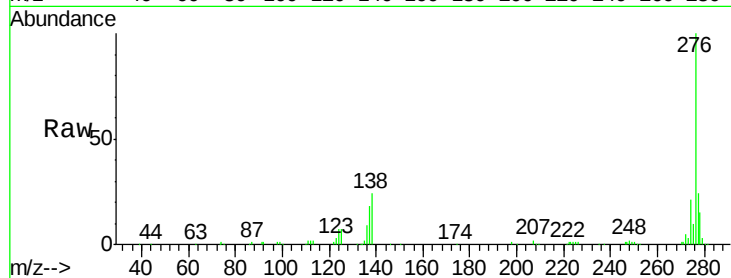
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.17 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	291953		
138	26.9	21.6	32.4	
277	23.9	19.6	29.4	

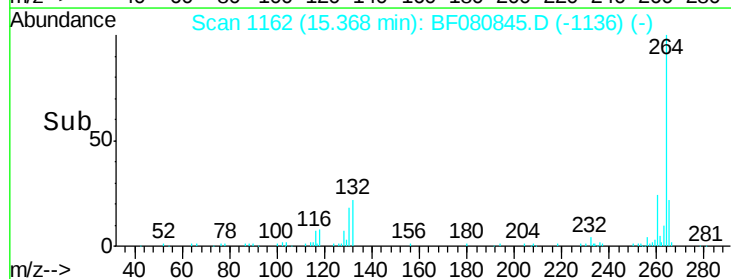
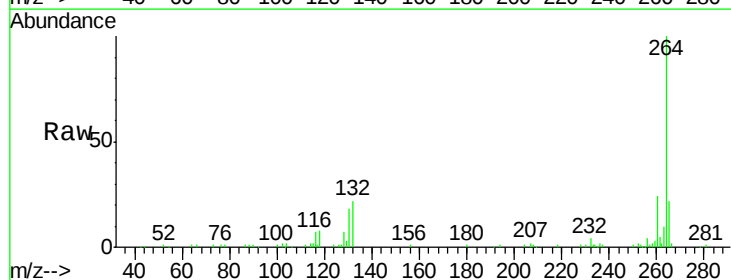
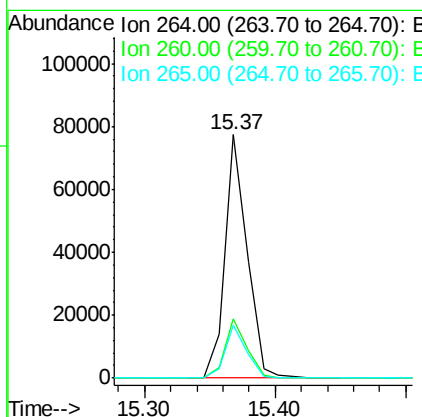
Manual Integrations
 APPROVED

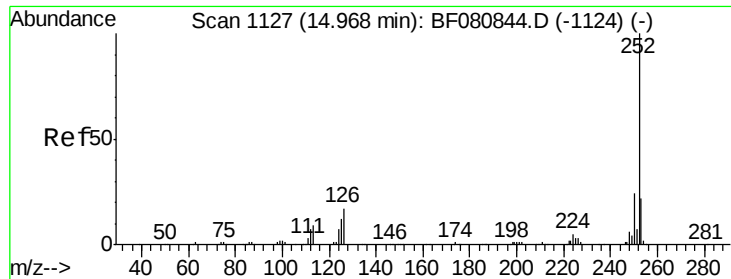
MMDadoda
 8/5/2015 7:00:28 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	91160		
260	24.2	18.9	28.3	
265	21.8	16.8	25.2	





#87

Benzo(b)fluoranthene

Concen: 63.85 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

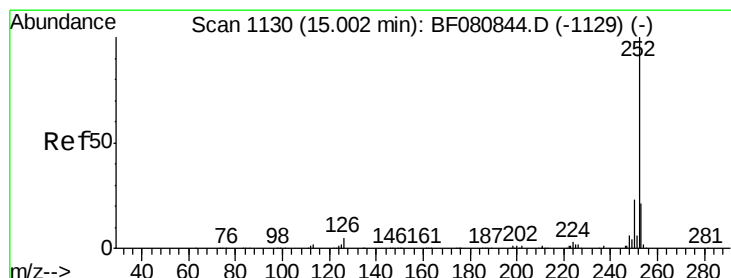
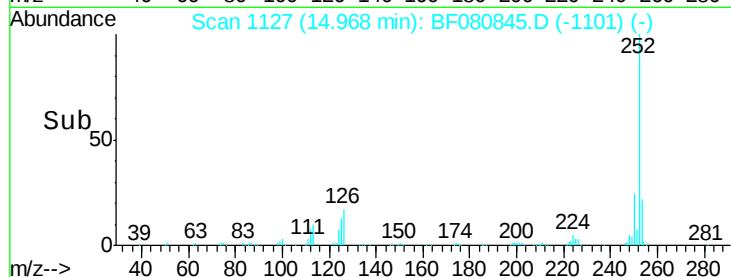
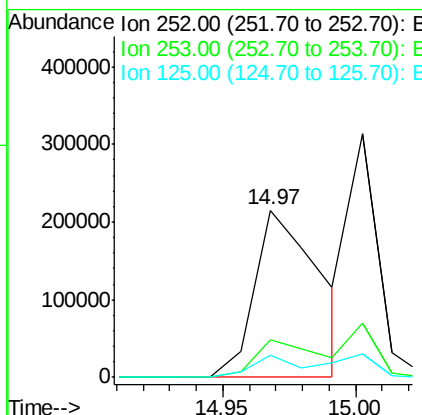
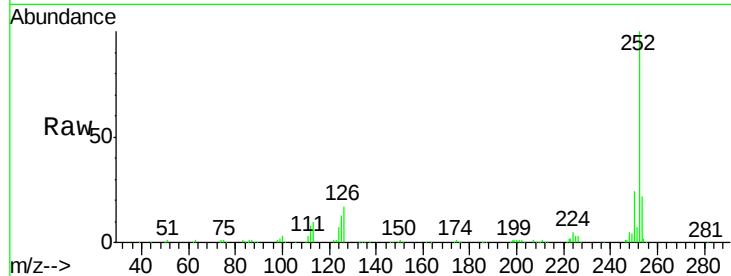
ClientSampleId :

SSTDICC050

Tgt Ion:	252	Resp:	364428
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	13.4	9.8	14.8

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#88

Benzo(k)fluoranthene

Concen: 52.85 ng m

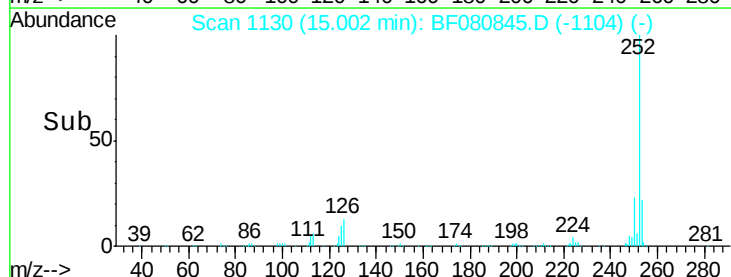
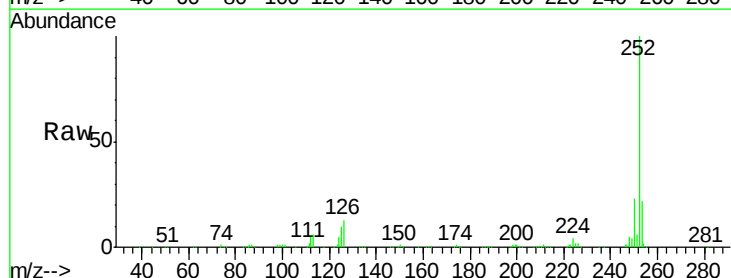
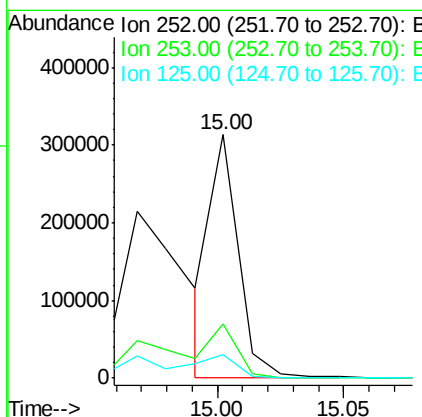
RT: 15.00 min Scan# 1130

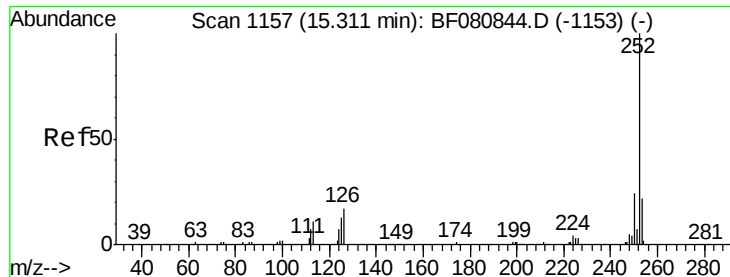
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	252	Resp:	243294
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.9	25.3
125	9.6	7.0	10.6





#89

Benzo(a)pyrene

Concen: 59.65 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080845.D

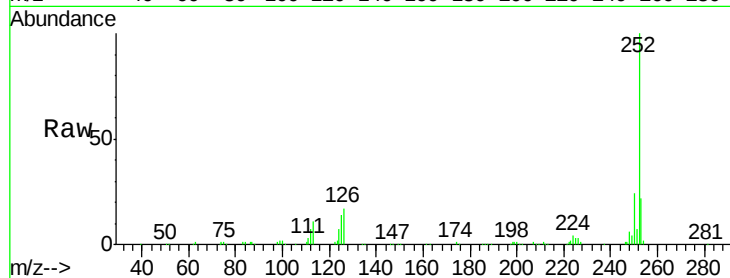
Acq: 4 Aug 2015 18:44

Instrument :

BNA_F

ClientSampleId :

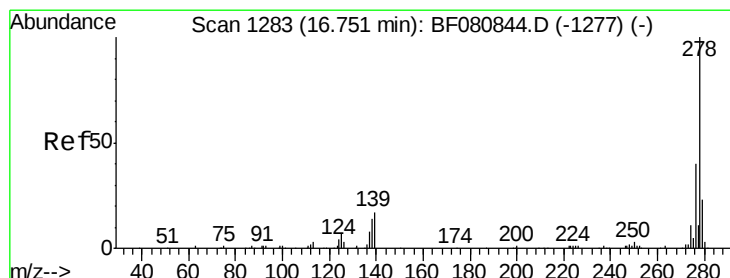
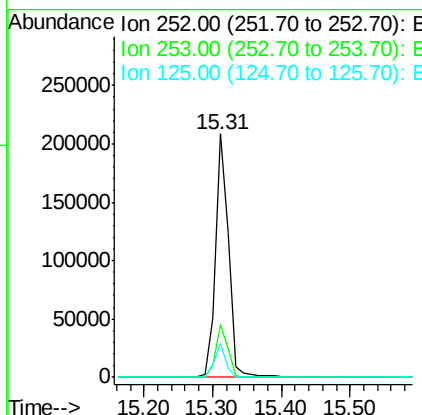
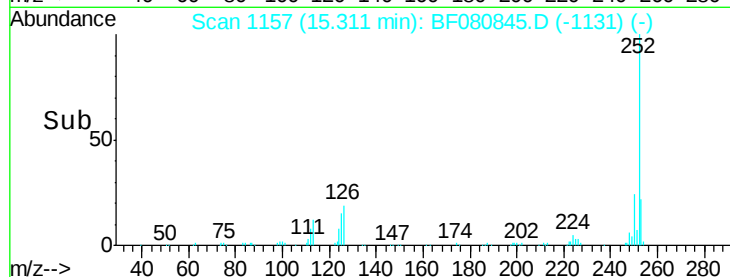
SSTDICC050



Tgt Ion:	252	Resp:	279471
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.4	26.0
125	13.7	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:28 PM



#90

Dibenzo(a,h)anthracene

Concen: 54.48 ng

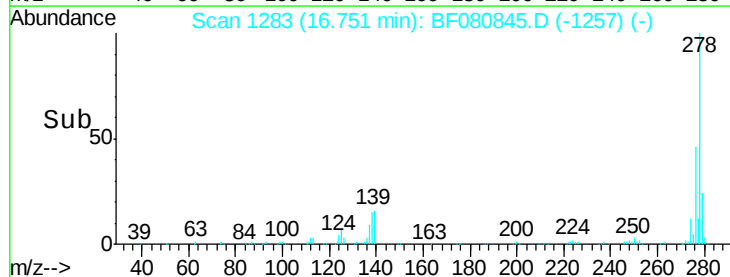
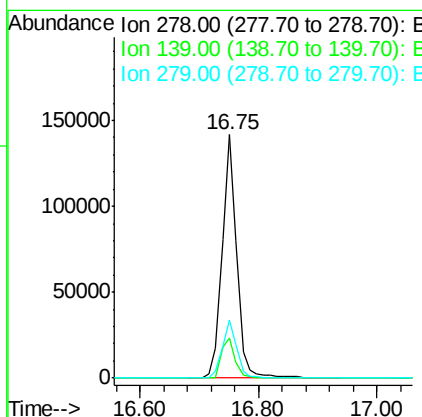
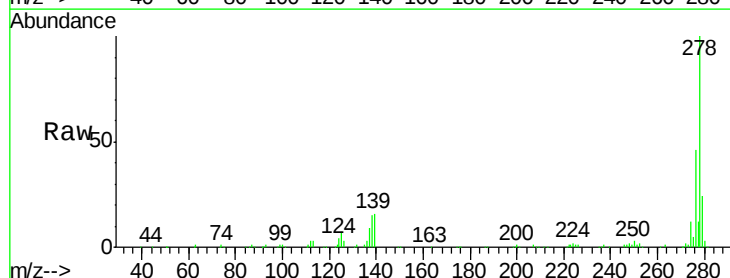
RT: 16.75 min Scan# 1283

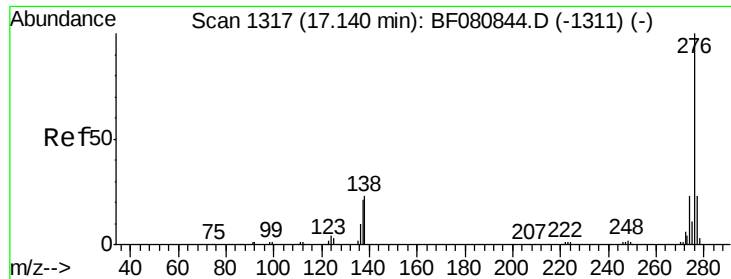
Delta R.T. -0.00 min

Lab File: BF080845.D

Acq: 4 Aug 2015 18:44

Tgt Ion:	278	Resp:	243483
Ion Ratio		Lower	Upper
278	100		
139	16.5	13.4	20.0
279	23.6	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 50.73 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF080845.D
 Acq: 4 Aug 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	276	Resp:	234775
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.6	27.8
138	24.8	18.8	28.2

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:00:28 PM

