

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080882.D
 Acq On : 6 Aug 2015 10:23
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM

Quant Time: Aug 06 10:53:06 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 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	60282	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	266542	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	118821	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	249584	20.00	ng	0.00
75) Chrysene-d12	13.96	240	220549	20.00	ng	0.00
86) Perylene-d12	15.37	264	197002	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	292867	73.53	ng	-0.03
7) Phenol-d6	6.44	99	419616	80.59	ng	-0.01
23) Nitrobenzene-d5	7.38	82	404771	71.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	96350	84.09	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	627177	71.08	ng	-0.01
78) Terphenyl-d14	12.91	244	725991	59.58	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	75321	38.58	ng	98
3) Pyridine	3.05	79	243379	45.22	ng	99
4) n-Nitrosodimethylamine	3.00	42	119909	43.44	ng	95
6) Aniline	6.48	93	328288	43.33	ng	96
8) 2-Chlorophenol	6.59	128	173154	38.81	ng	# 78
9) Benzaldehyde	6.35	77	146204	40.25	ng	92
10) Phenol	6.45	94	226084	36.49	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	185104	40.01	ng	94
12) 1,3-Dichlorobenzene	6.75	146	191405	40.03	ng	96
13) 1,4-Dichlorobenzene	6.83	146	202485	42.20	ng	97
14) 1,2-Dichlorobenzene	6.83	146	202485	44.72	ng	97
15) Benzyl Alcohol	6.96	79	173412	50.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	385513	43.06	ng	98
17) 2-Methylphenol	7.07	107	158541	40.57	ng	98
18) Hexachloroethane	7.32	117	73250	40.16	ng	# 76
19) n-Nitroso-di-n-propylamine	7.23	70	150498	44.74	ng	95
20) 3+4-Methylphenols	7.23	107	207779	45.85	ng	# 86
22) Acetophenone	7.23	105	266366	40.92	ng	# 89
24) Nitrobenzene	7.40	77	247988	42.28	ng	96
25) Isophorone	7.64	82	415525	41.46	ng	96
26) 2-Nitrophenol	7.71	139	91196	37.90	ng	94
27) 2,4-Dimethylphenol	7.76	122	179250	40.01	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	245075	39.77	ng	98
29) 2,4-Dichlorophenol	7.96	162	145316	39.29	ng	# 85
30) 1,2,4-Trichlorobenzene	8.04	180	160650	38.17	ng	98
31) Naphthalene	8.12	128	563389	38.81	ng	99
32) Benzoic acid	7.88	122	119483	39.81	ng	98
33) 4-Chloroaniline	8.17	127	216452	38.12	ng	96
34) Hexachlorobutadiene	8.25	225	91154	37.99	ng	95
35) Caprolactam	8.56	113	56441	53.44	ng	# 74
36) 4-Chloro-3-methylphenol	8.66	107	179320	44.19	ng	88
37) 2-Methylnaphthalene	8.81	142	330772	38.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	159098	39.24	ng	97
40) Hexachlorocyclopentadiene	8.97	237	96439	39.60	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080882.D
 Acq On : 6 Aug 2015 10:23
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

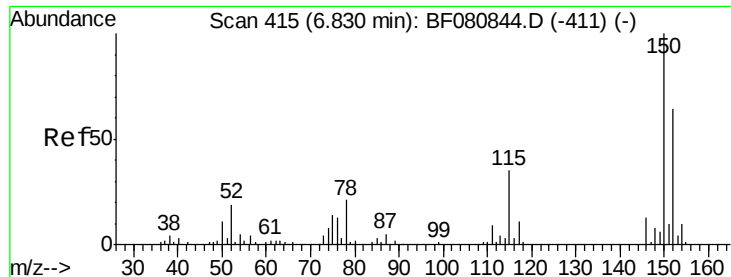
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM

Quant Time: Aug 06 10:53:06 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 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	112925	41.09	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	115305	41.83	nq #	88
45) 1,1'-Biphenyl	9.28	154	426850	38.97	nq	96
46) 2-Chloronaphthalene	9.30	162	326836	38.36	nq	94
47) 2-Nitroaniline	9.39	65	124245	40.06	nq #	85
48) Acenaphthylene	9.71	152	523170	37.32	nq	99
49) Dimethylphthalate	9.58	163	419866	48.45	nq	99
50) 2,6-Dinitrotoluene	9.64	165	91382	50.42	nq #	82
51) Acenaphthene	9.88	154	323248	38.36	nq	99
52) 3-Nitroaniline	9.80	138	98455	43.98	nq #	69
53) 2,4-Dinitrophenol	9.90	184	41883	40.53	nq #	35
54) Dibenzofuran	10.05	168	433440	38.57	nq	93
55) 4-Nitrophenol	9.96	139	74643	47.40	nq	93
56) 2,4-Dinitrotoluene	10.04	165	126750	55.40	nq	89
57) Fluorene	10.40	166	340265	39.65	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	87218	44.09	nq	98
59) Diethylphthalate	10.28	149	437303	50.97	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	172708	49.54	nq #	80
61) 4-Nitroaniline	10.42	138	102411	51.26	nq	91
62) Azobenzene	10.56	77	472575	47.10	nq	87
64) 4,6-Dinitro-2-methylphenol	10.44	198	59611	37.13	nq #	1
65) n-Nitrosodiphenylamine	10.51	169	315471	32.99	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	96065	34.78	nq #	81
67) Hexachlorobenzene	10.94	284	116294	38.55	nq #	77
68) Atrazine	11.04	200	88497	35.56	nq	93
69) Pentachlorophenol	11.14	266	69172	42.07	nq	97
70) Phenanthrene	11.36	178	570521	39.56	nq	99
71) Anthracene	11.40	178	523617	37.37	nq	99
72) Carbazole	11.56	167	549098	41.54	nq	98
73) Di-n-butylphthalate	11.89	149	627149	40.07	nq	99
74) Fluoranthene	12.53	202	564531	40.19	nq	96
76) Benzidine	12.66	184	314767	29.49	nq	98
77) Pyrene	12.76	202	588604	29.75	nq	99
79) Butylbenzylphthalate	13.39	149	310773	38.41	nq #	82
80) Benzo(a)anthracene	13.95	228	489339	33.17	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	194321	35.45	nq #	95
82) Chrysene	13.99	228	458235	30.48	nq	97
83) Bis(2-ethylhexyl)phthalate	13.95	149	397748	36.81	nq #	97
84) Di-n-octyl phthalate	14.56	149	687398	37.85	nq	97
85) Indeno(1,2,3-cd)pyrene	16.73	276	490284	39.72	nq	99
87) Benzo(b)fluoranthene	14.97	252	503558	34.17	nq	98
88) Benzo(k)fluoranthene	15.00	252	493671m	43.52	nq	
89) Benzo(a)pyrene	15.31	252	466768	38.81	nq #	97
90) Dibenzo(a,h)anthracene	16.75	278	404922	38.75	nq #	95
91) Benzo(g,h,i)perylene	17.14	276	391917	38.80	nq	98

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



#1

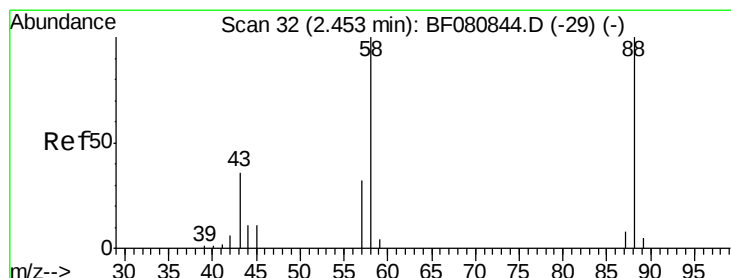
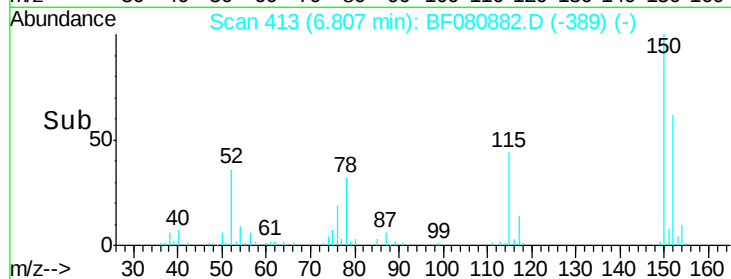
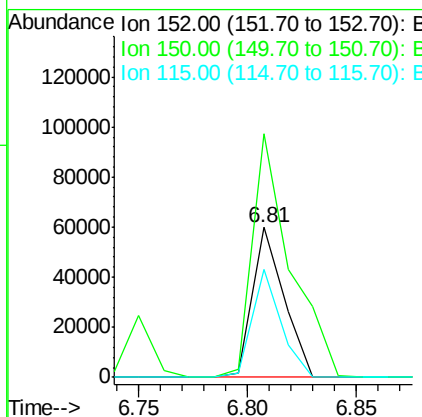
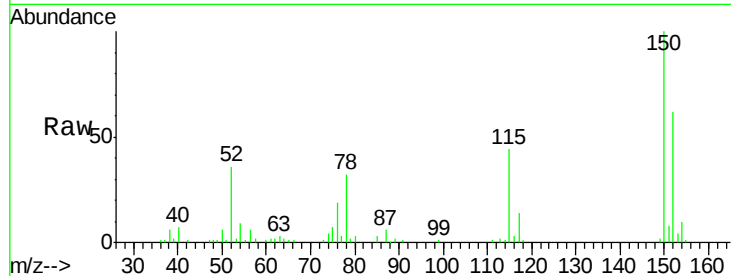
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	187.0
115	72.1	44.2	66.4

Manual Integrations
APPROVED

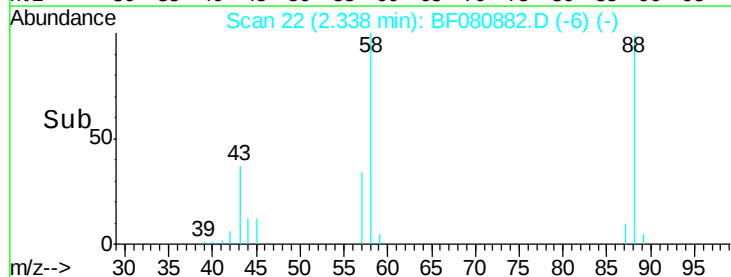
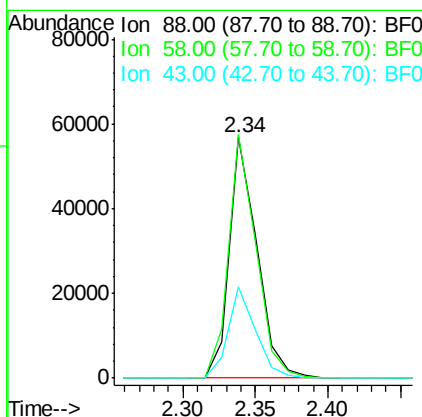
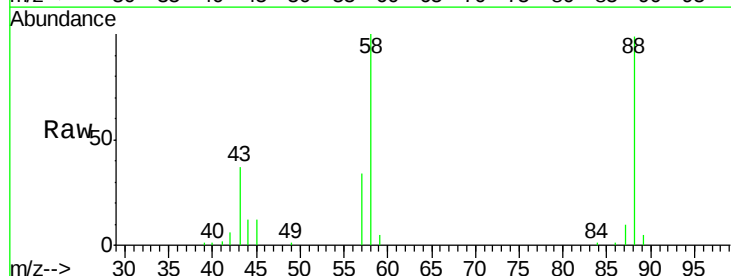
MMDadoda
8/10/2015 10:13:50 AM

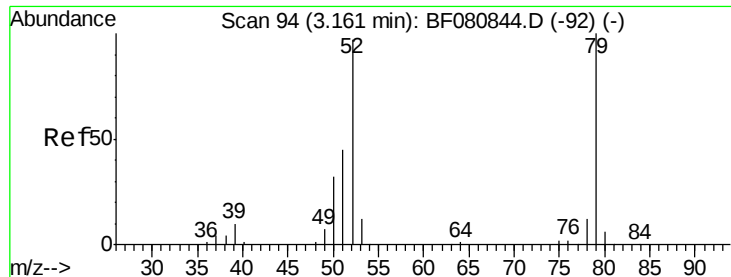


#2

1,4-Dioxane
Concen: 38.58 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.11 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	79.2	118.8
43	37.2	28.1	42.1





#3

Pvridine

Concen: 45.22 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.11 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

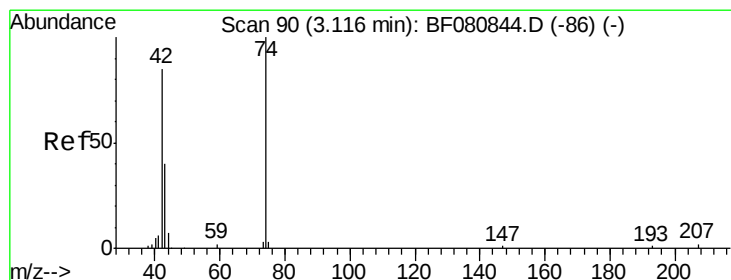
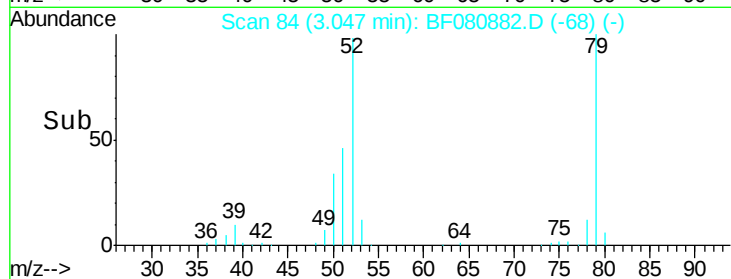
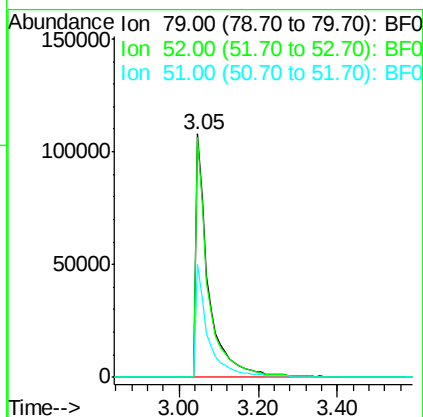
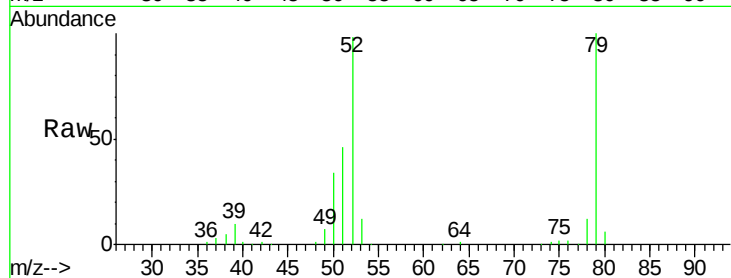
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	243379
Ion	Ratio	Lower	Upper
79	100		
52	98.3	77.7	116.5
51	46.4	36.1	54.1

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#4

n-Nitrosodimethylamine

Concen: 43.44 ng

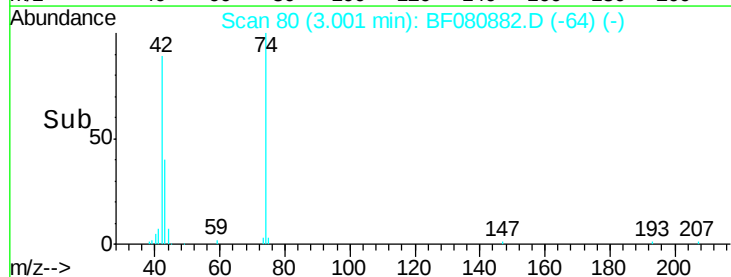
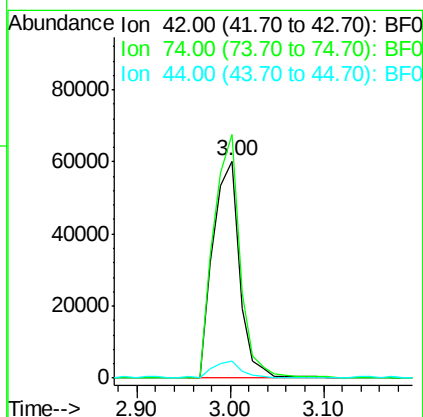
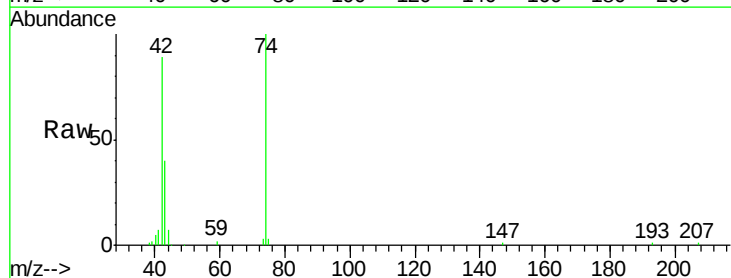
RT: 3.00 min Scan# 80

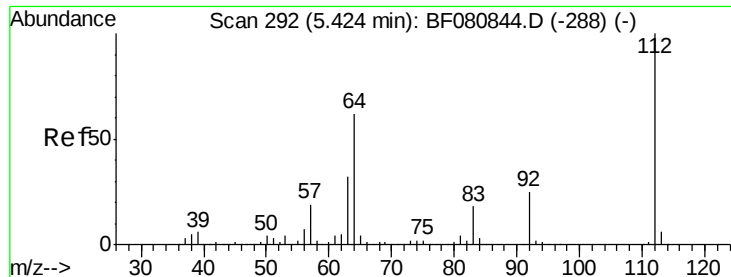
Delta R.T. -0.11 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	42	Resp:	119909
Ion	Ratio	Lower	Upper
42	100		
74	112.3	94.3	141.5
44	8.1	6.2	9.2





#5

2-Fluorophenol

Concen: 73.53 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.03 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 292867
Ion Ratio Lower Upper

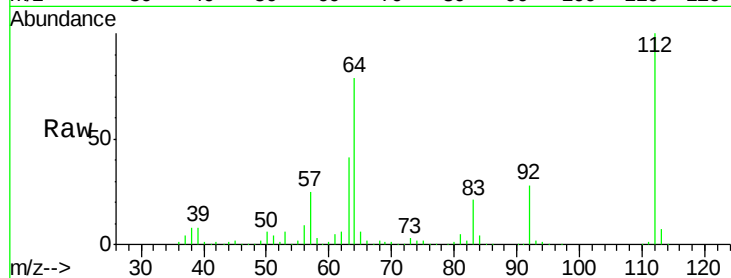
112 100

64 79.1 49.5 74.3#

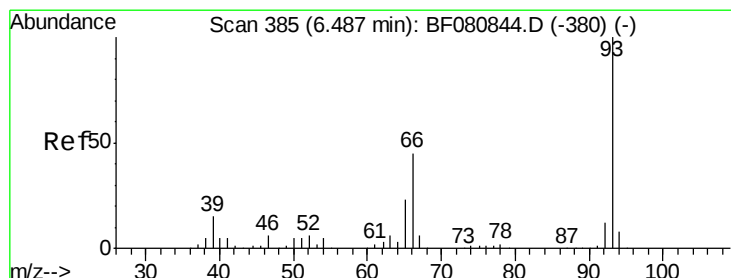
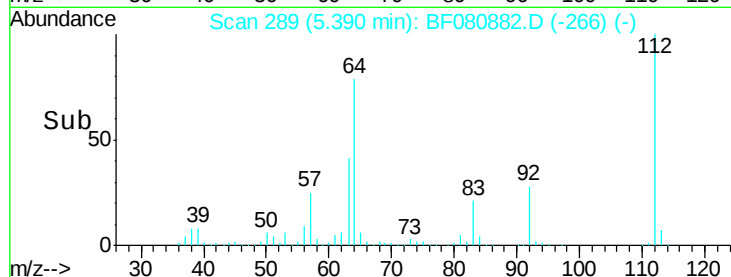
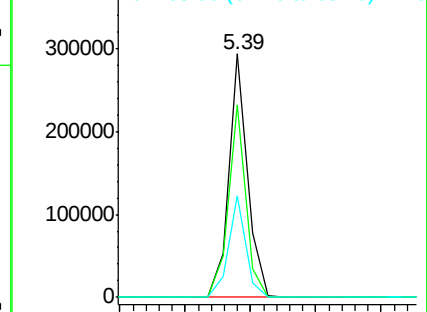
63 41.5 25.3 37.9#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.33 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080882.D

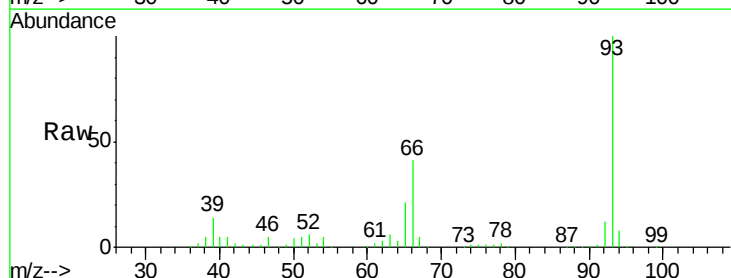
Acq: 6 Aug 2015 10:23

Tgt Ion: 93 Resp: 328288
Ion Ratio Lower Upper

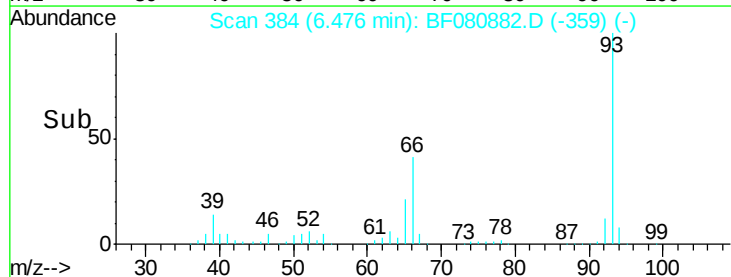
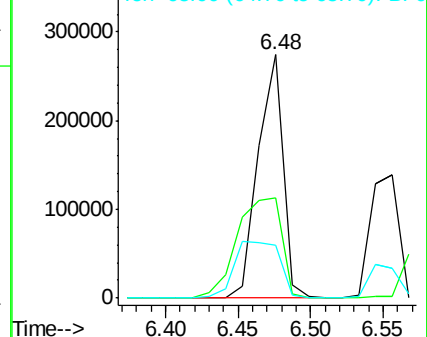
93 100

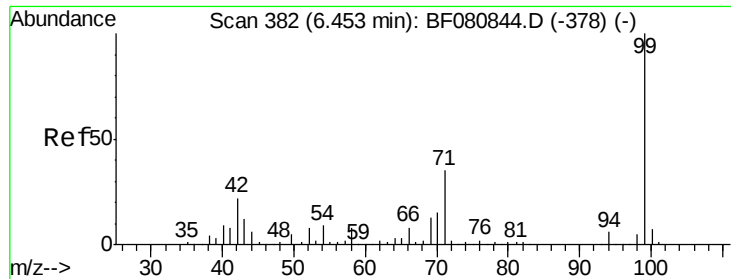
66 41.3 35.8 53.6

65 21.5 18.2 27.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

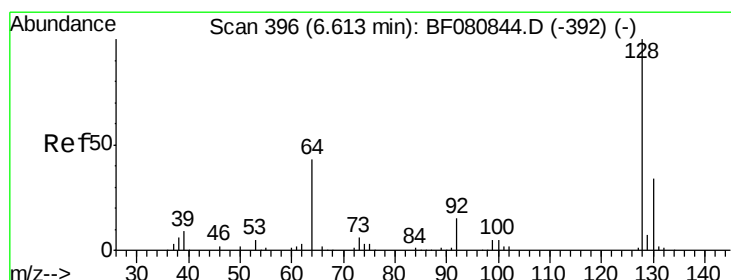
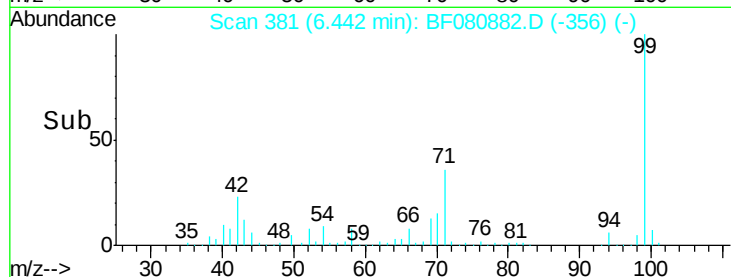
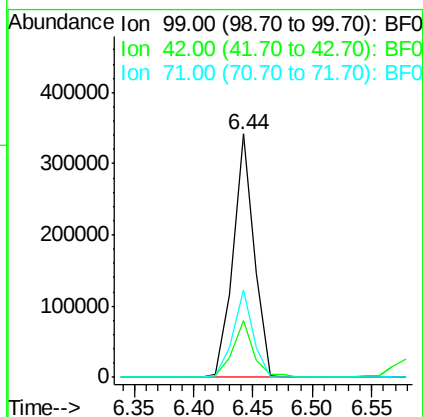
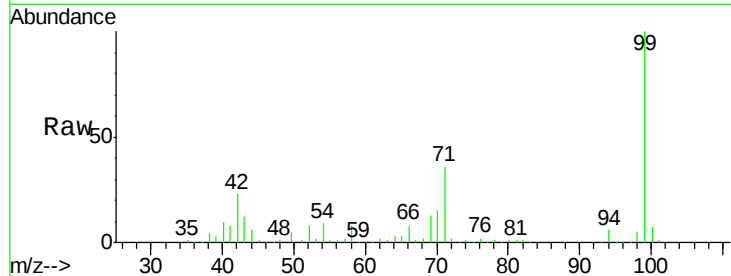
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	419616
Ion Ratio	Lower	Upper	
99	100		
42	23.2	17.9	26.9
71	36.0	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#8

2-Chlorophenol

Concen: 38.81 ng

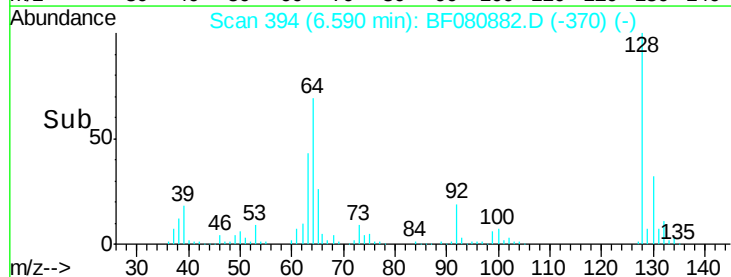
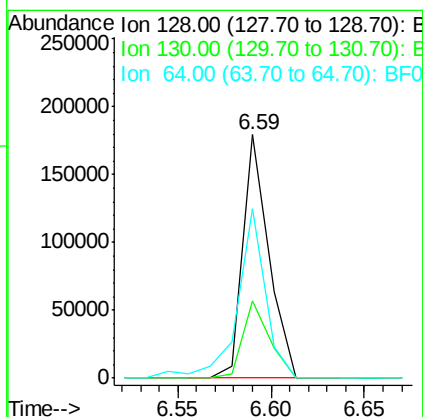
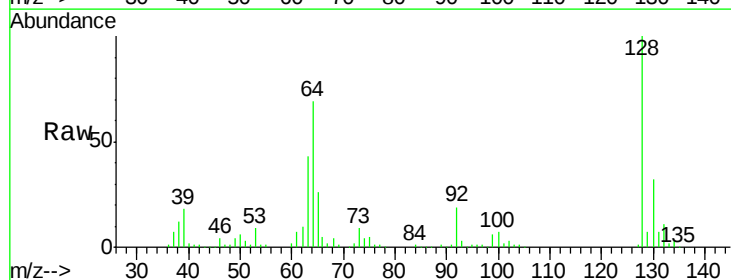
RT: 6.59 min Scan# 394

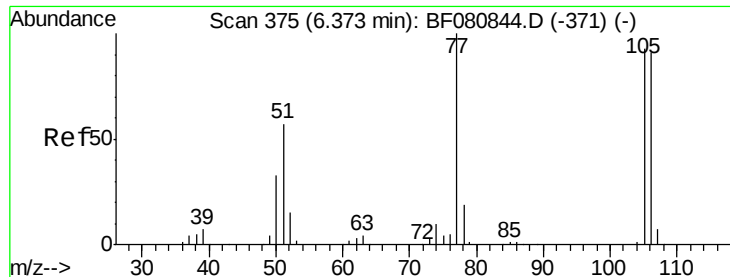
Delta R.T. -0.02 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	128	Resp:	173154
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.9	53.9
64	69.5	26.2	66.2#





#9

Benzaldehyde

Concen: 40.25 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

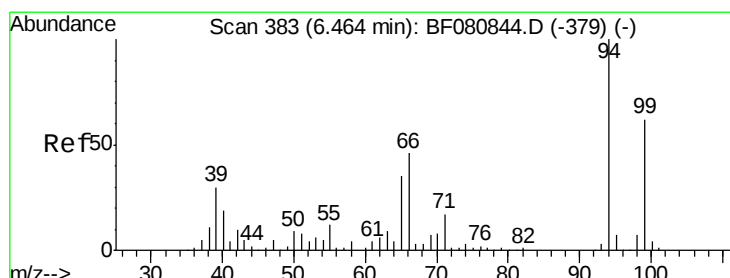
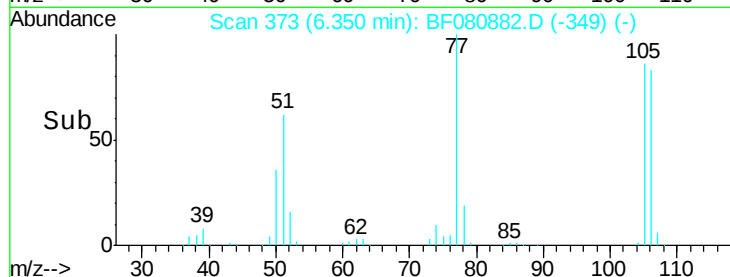
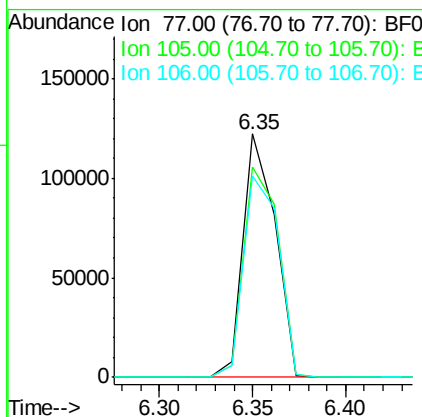
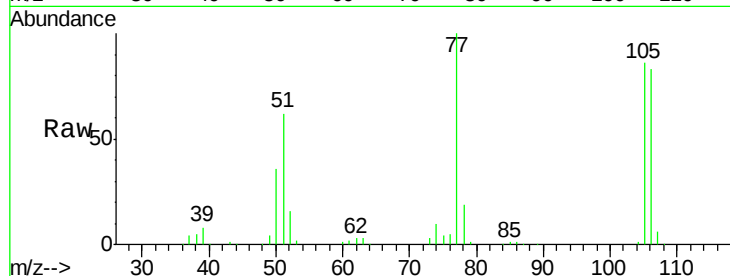
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	146204
Ion	Ratio	Lower	Upper
77	100		
105	86.4	73.5	113.5
106	82.7	70.8	110.8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#10

Phenol

Concen: 36.49 ng

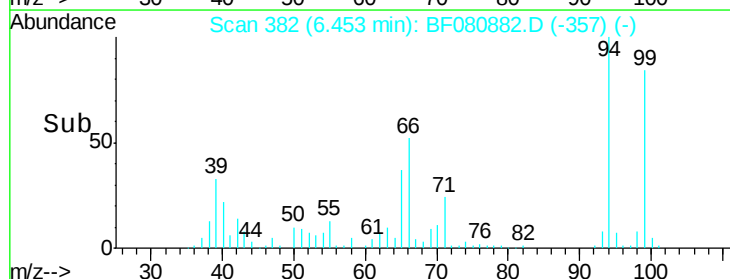
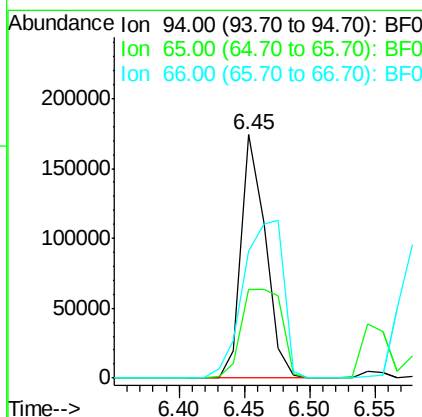
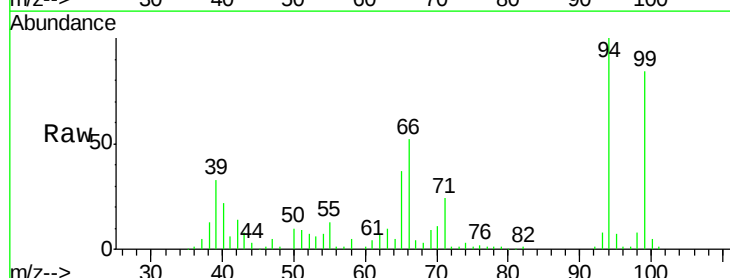
RT: 6.45 min Scan# 382

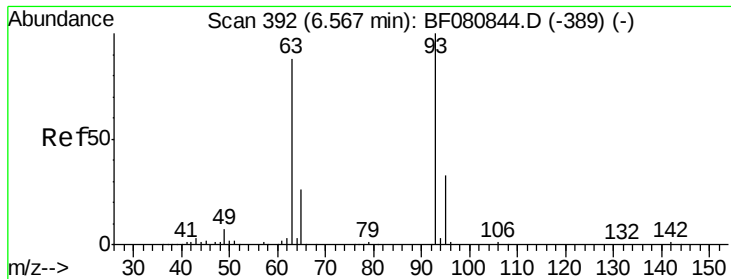
Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	94	Resp:	226084
Ion	Ratio	Lower	Upper
94	100		
65	36.7	15.2	55.2
66	52.4	25.9	65.9





#11

bis(2-Chloroethyl)ether

Concen: 40.01 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

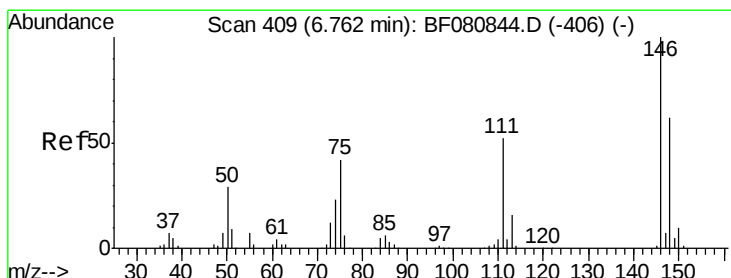
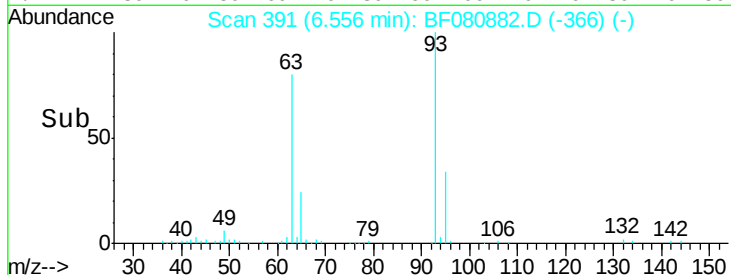
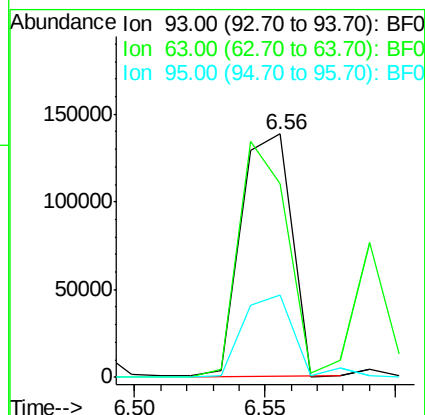
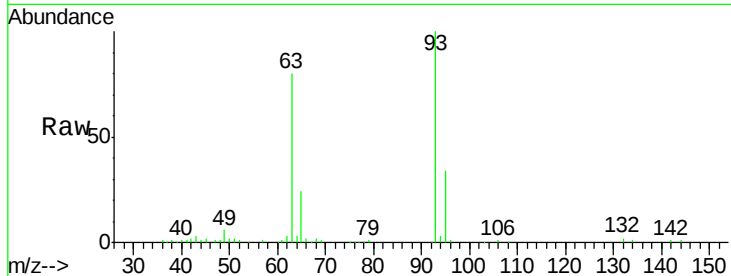
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	185104
Ion Ratio	Lower	Upper	
93	100		
63	79.8	67.6	107.6
95	33.6	12.9	52.9

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#12

1,3-Dichlorobenzene

Concen: 40.03 ng

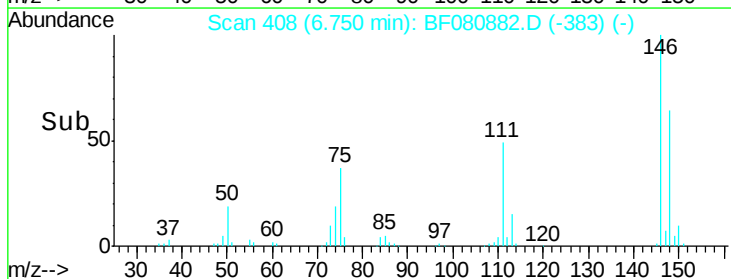
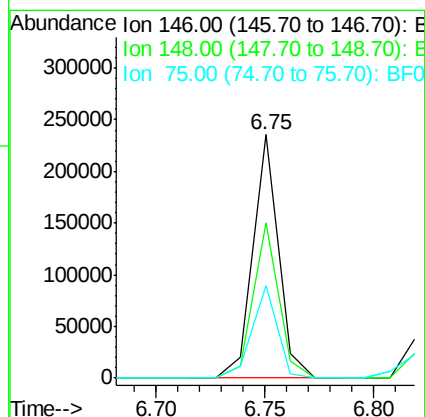
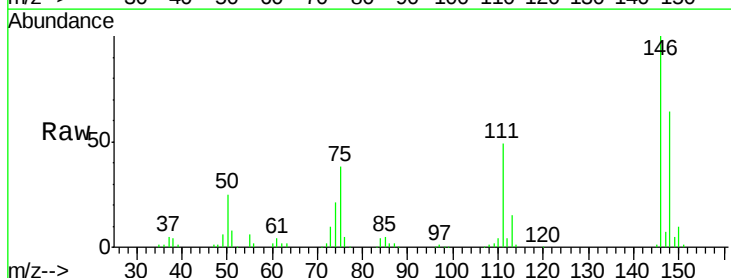
RT: 6.75 min Scan# 408

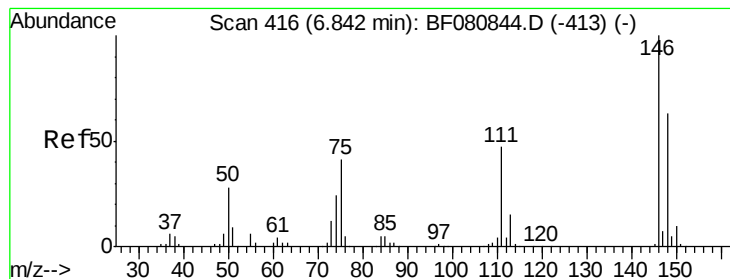
Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	146	Resp:	191405
Ion Ratio	Lower	Upper	
146	100		
148	63.5	49.7	74.5
75	37.9	33.5	50.3





#13

1,4-Dichlorobenzene

Concen: 42.20 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

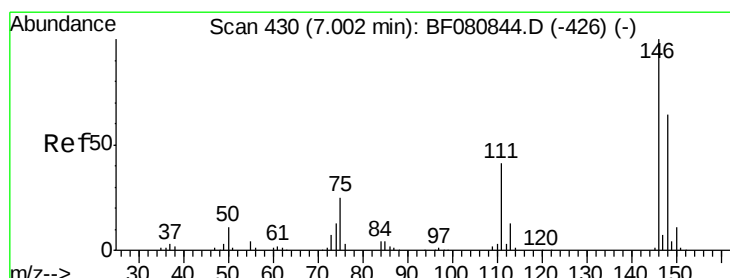
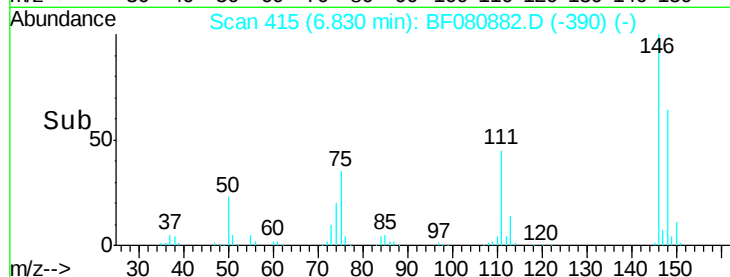
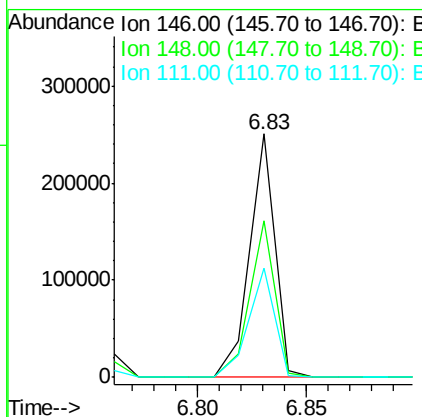
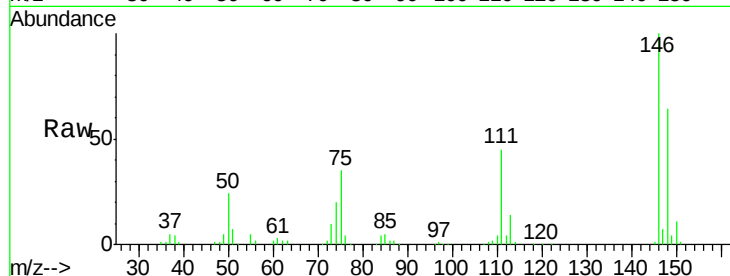
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	202485
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.5	75.7
111	44.9	38.0	57.0

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#14

1,2-Dichlorobenzene

Concen: 44.72 ng

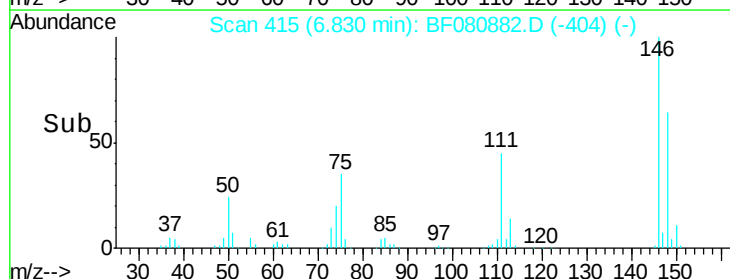
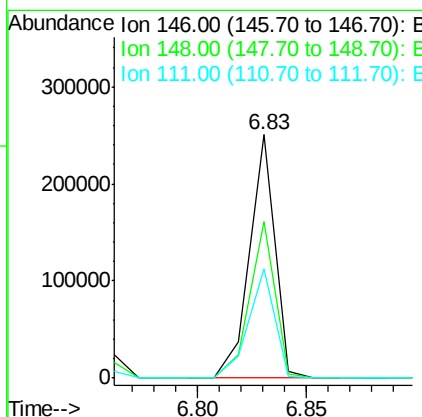
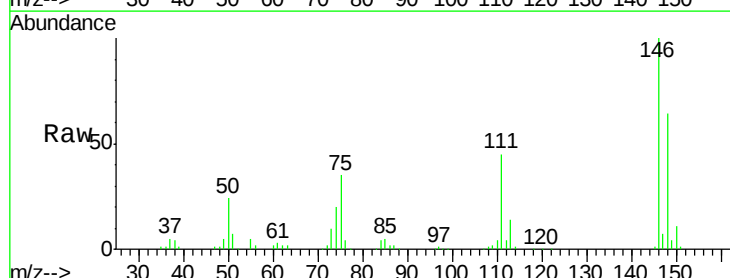
RT: 6.83 min Scan# 415

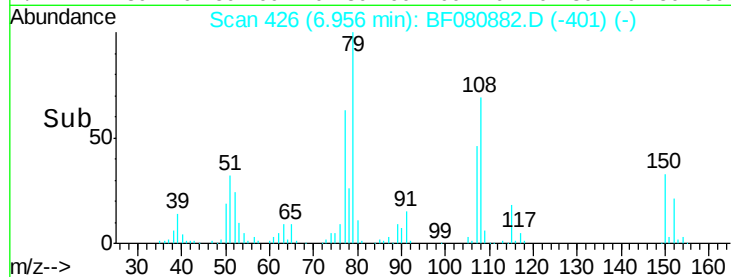
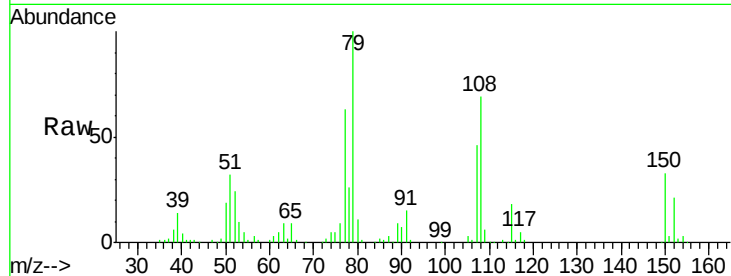
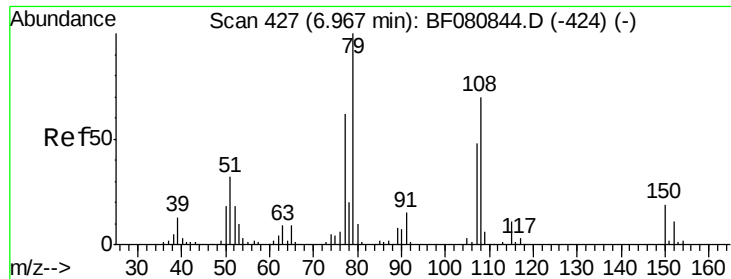
Delta R.T. -0.17 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	146	Resp:	202485
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	44.9	32.7	49.1





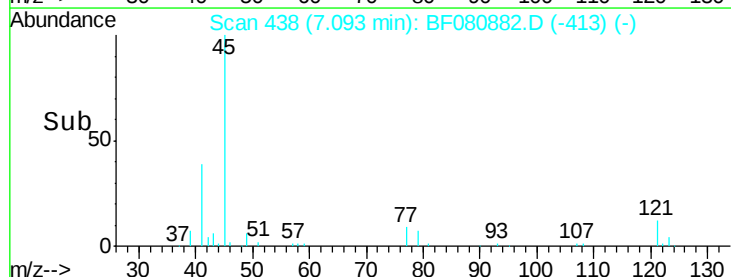
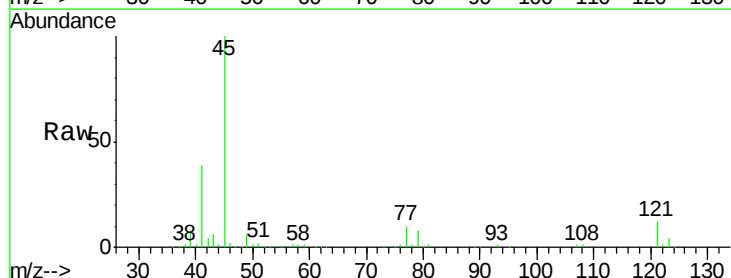
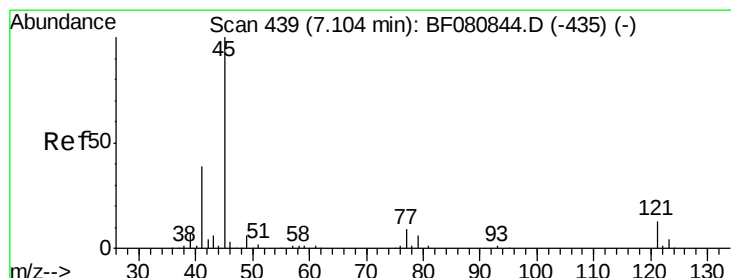
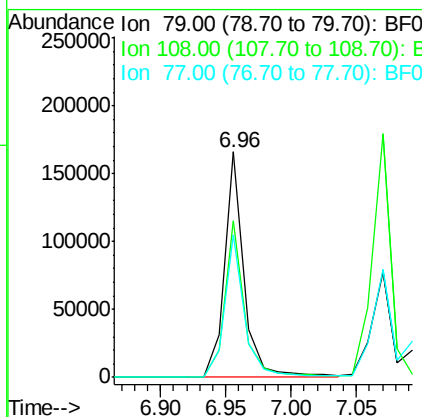
#15
Benzyl Alcohol
Concen: 50.99 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tot Ion	Ratio	Resp	Lower	Upper
79	100	173412		
108	69.2	55.9	83.9	
77	63.4	49.4	74.2	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

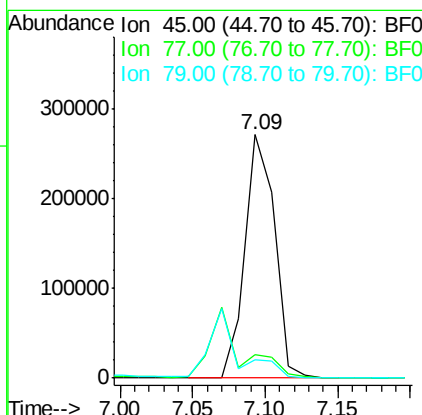
Manual Integrations
APPROVED

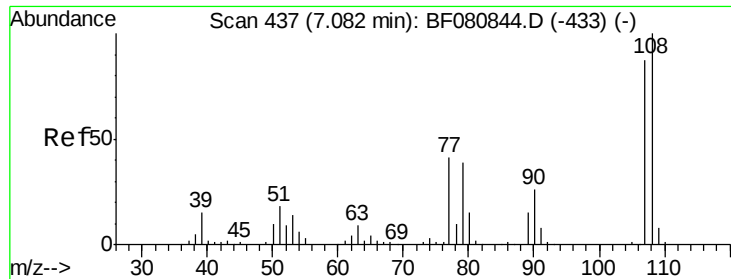
MMDadoda
8/10/2015 10:13:50 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.06 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	385513		
77	9.7	0.0	30.5	
79	7.5	0.0	28.2	





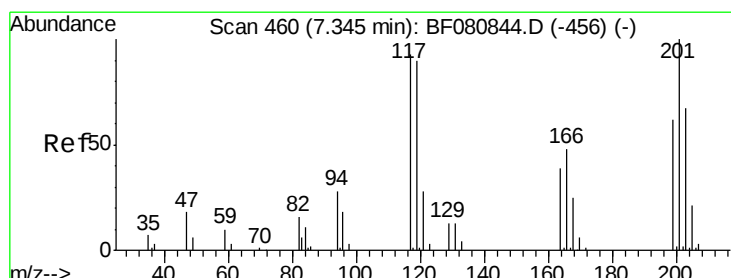
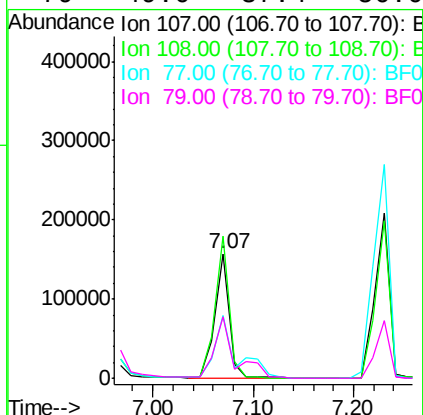
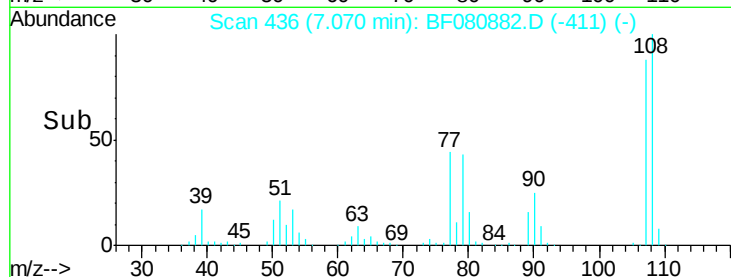
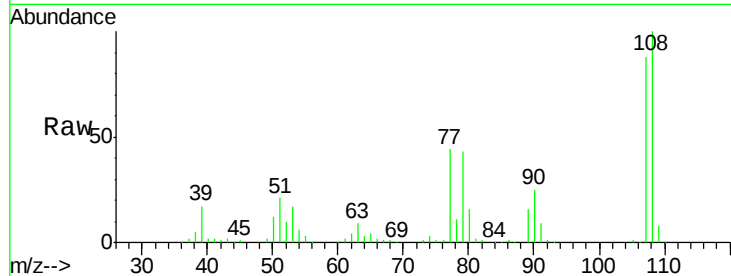
#17
2-Methylphenol
Concen: 40.57 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	158541		
108	108	113.8		91.8	137.8
77	77	50.2		38.2	57.2
79	79	49.0		37.4	56.0

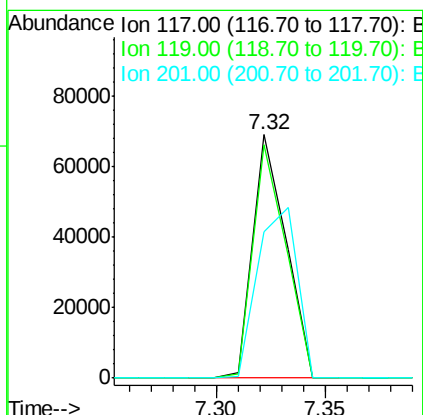
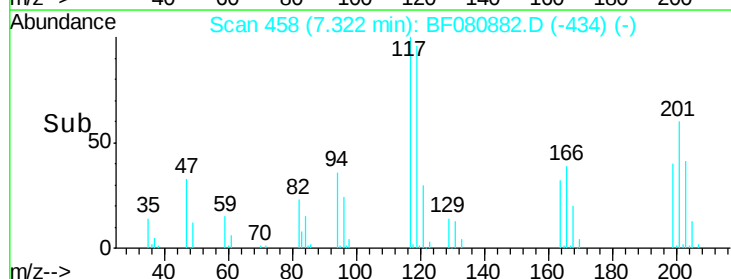
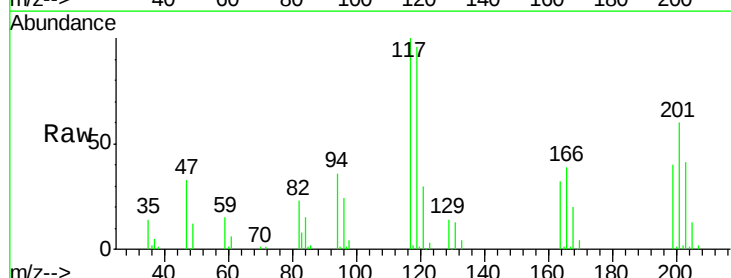
Manual Integrations
APPROVED

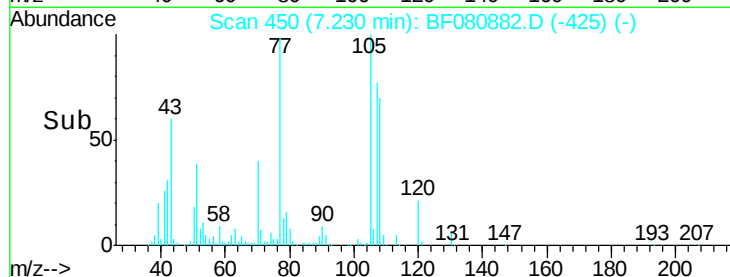
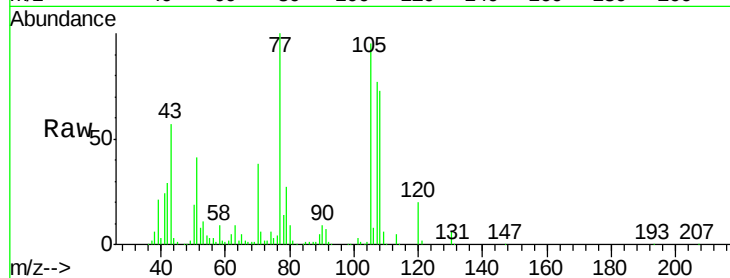
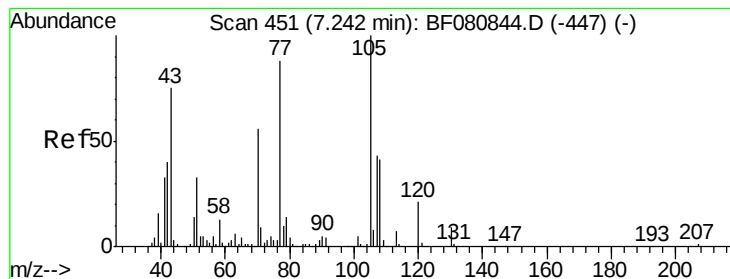
MMDadoda
8/10/2015 10:13:50 AM



#18
Hexachloroethane
Concen: 40.16 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	73250		
119	119	95.9		77.4	116.0
201	201	60.2		85.8	128.6#





#19

n-Nitroso-di-n-propylamine

Concen: 44.74 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 150498

Ion Ratio Lower Upper

70 100

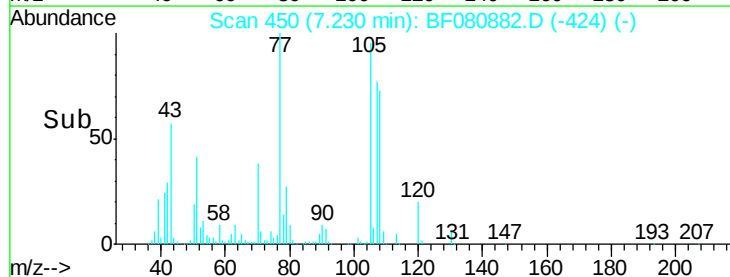
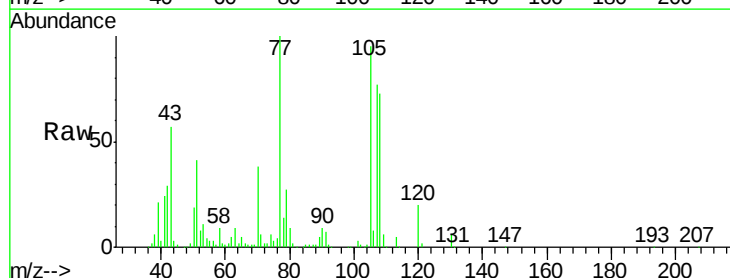
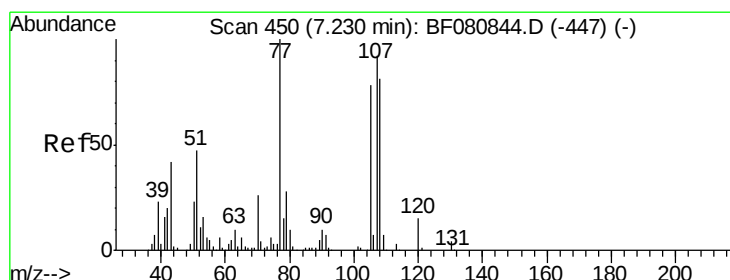
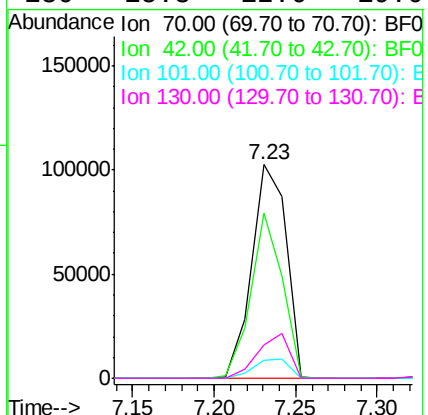
42 77.3 57.8 86.8

101 8.3 6.7 10.1

130 15.3 12.6 19.0

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#20

3+4-Methylphenols

Concen: 45.85 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion: 107 Resp: 207779

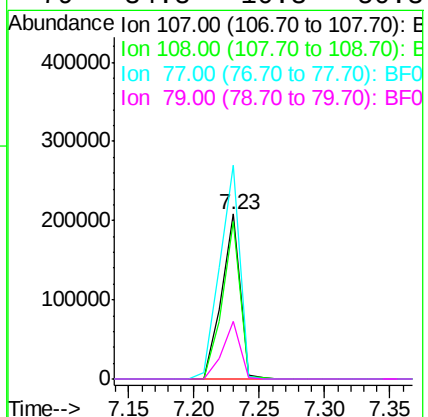
Ion Ratio Lower Upper

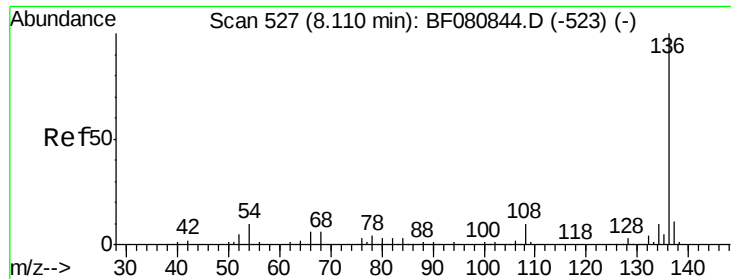
107 100

108 95.4 68.2 108.2

77 129.8 88.5 128.5#

79 34.8 10.3 50.3





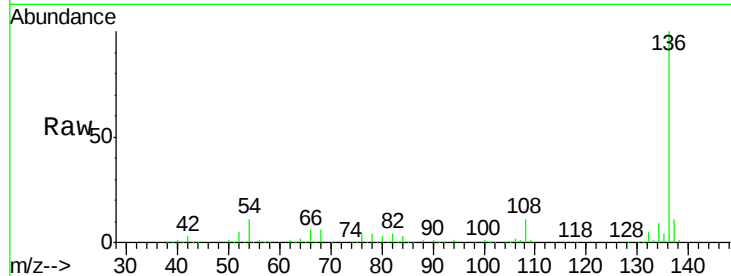
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

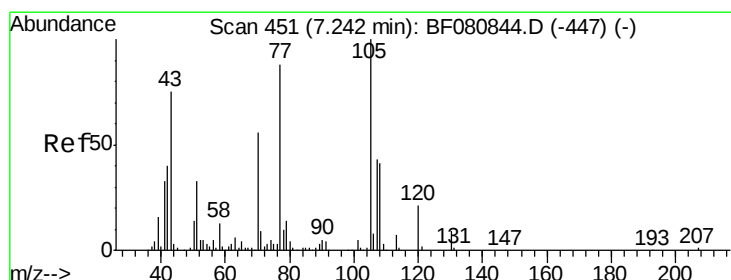
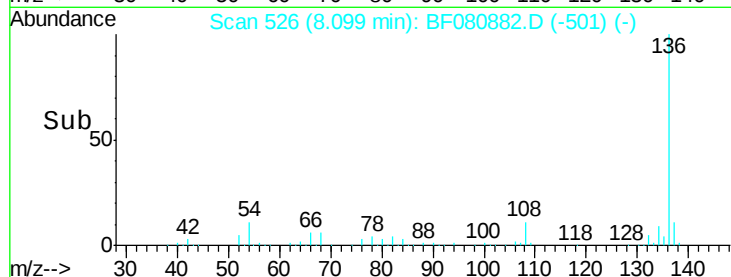
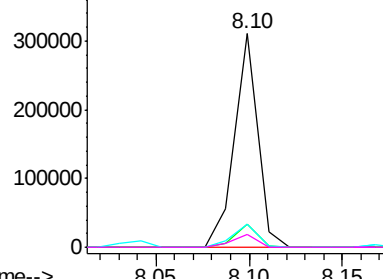
Tot Ion	Ratio	Resp	Lower	Upper
136	100	266542		
137	10.7	8.6	13.0	
54	11.1	8.3	12.5	
68	6.0	4.8	7.2	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



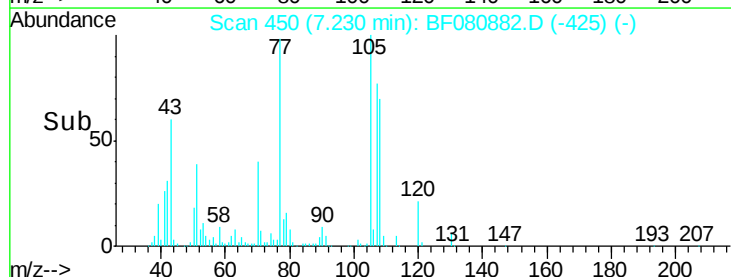
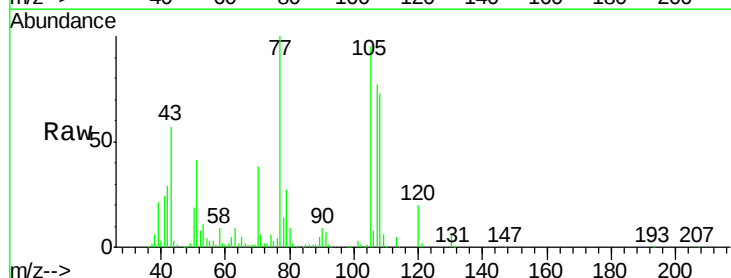
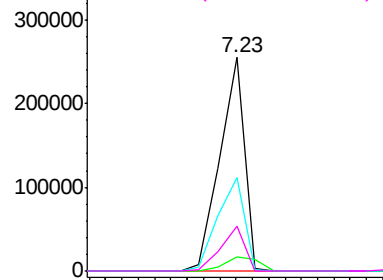
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

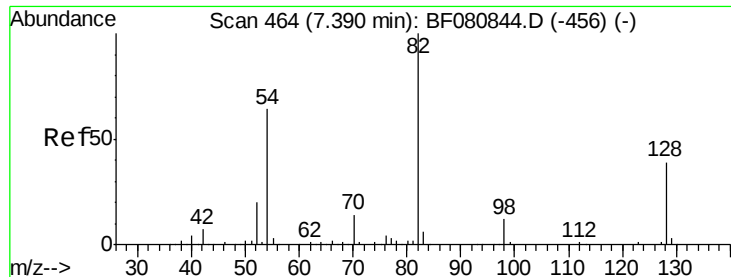


#22
Acetophenone
Concen: 40.92 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266366		
71	6.6	7.4	11.2#	
51	43.5	26.5	39.7#	
120	20.7	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: 71.57 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

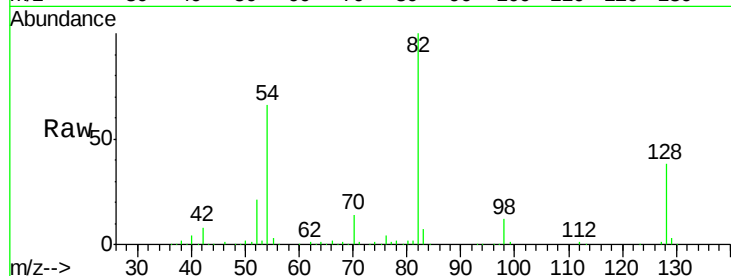
ClientSampleId :

SSTDCCC040

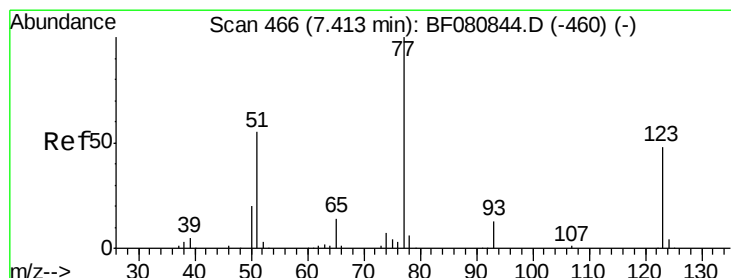
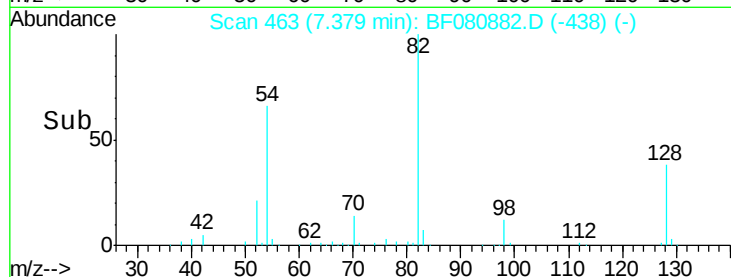
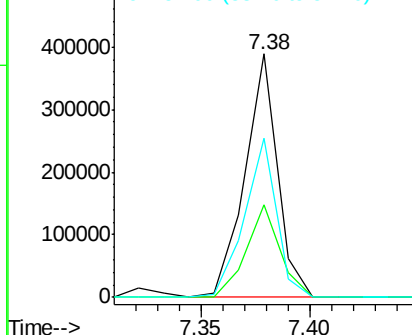
Tot Ion:	82	Resp:	404771
Ion Ratio	Lower	Upper	
82	100		
128	38.0	31.0	46.4
54	65.5	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.28 ng

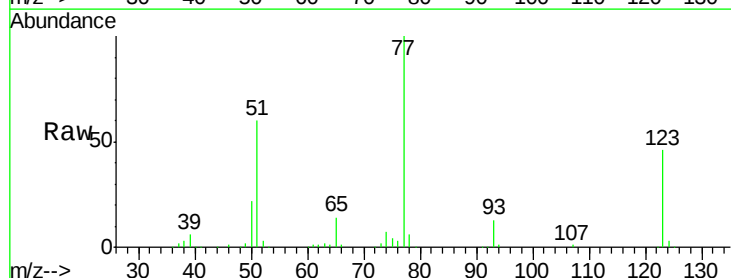
RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

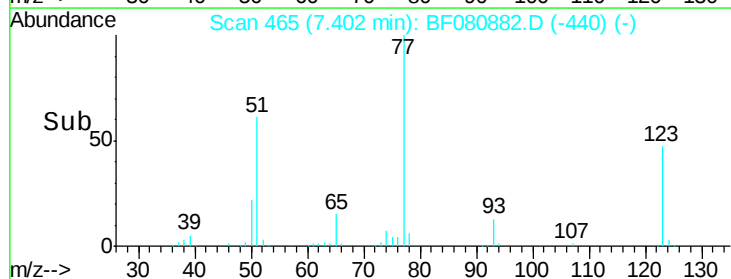
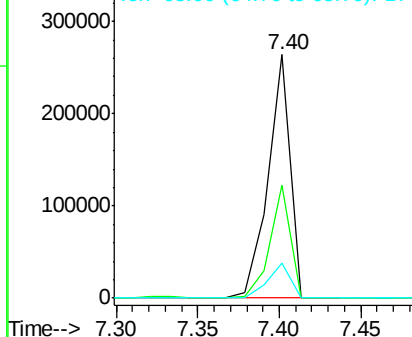
Lab File: BF080882.D

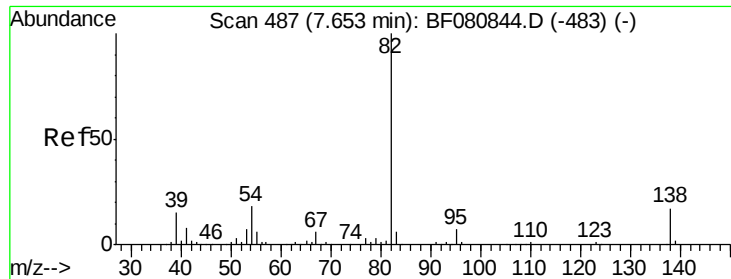
Acq: 6 Aug 2015 10:23

Tgt Ion:	77	Resp:	247988
Ion Ratio	Lower	Upper	
77	100		
123	46.5	39.7	59.5
65	14.4	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.46 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

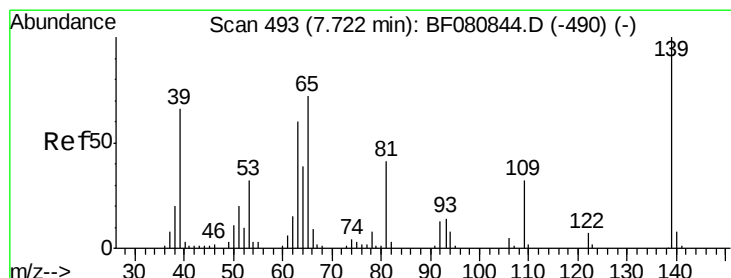
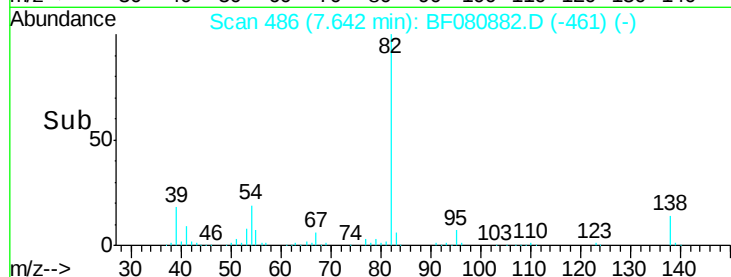
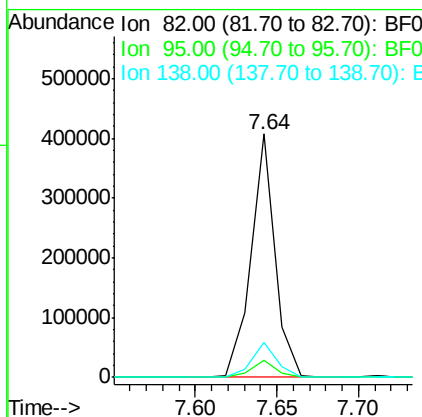
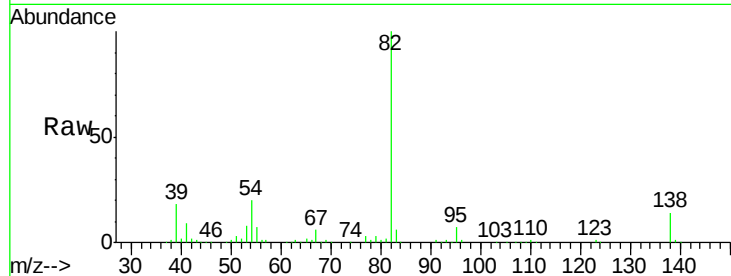
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	415525
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	14.2	13.3	19.9

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#26

2-Nitrophenol

Concen: 37.90 ng

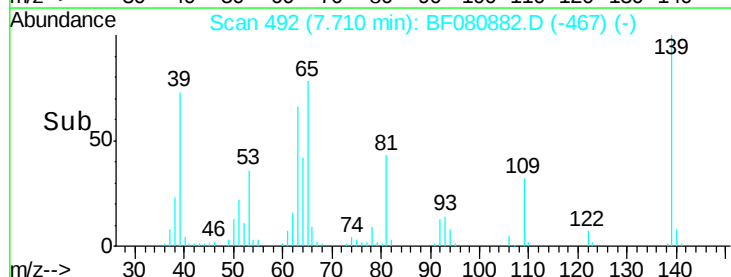
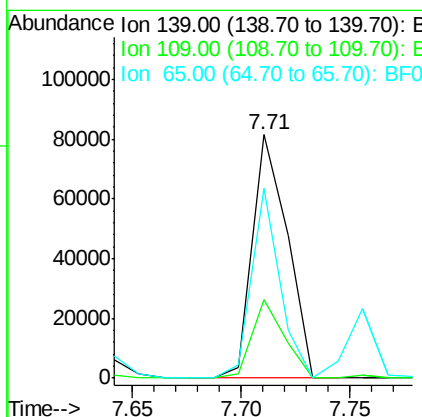
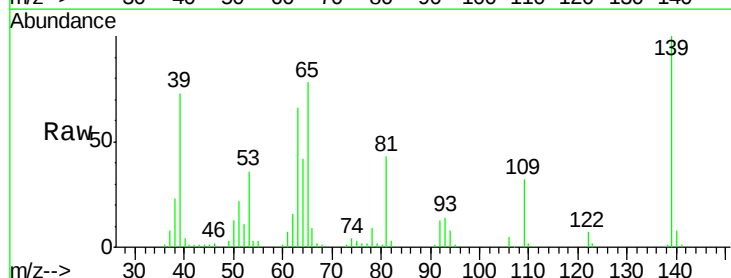
RT: 7.71 min Scan# 492

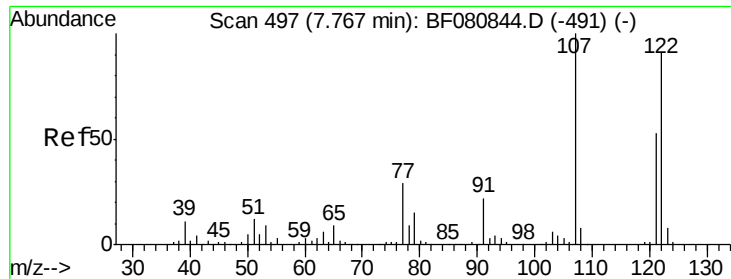
Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	139	Resp:	91196
Ion Ratio	Lower	Upper	
139	100		
109	32.5	25.2	37.8
65	77.9	57.3	85.9





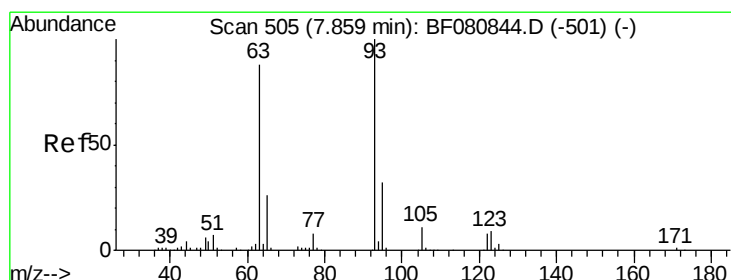
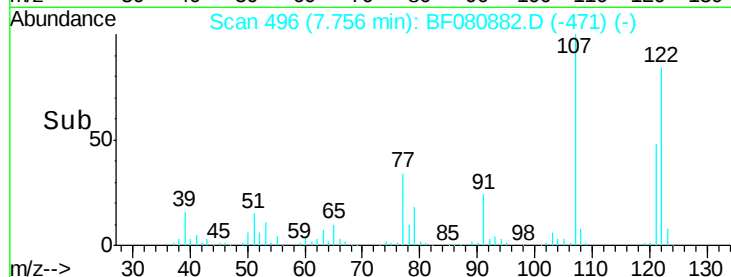
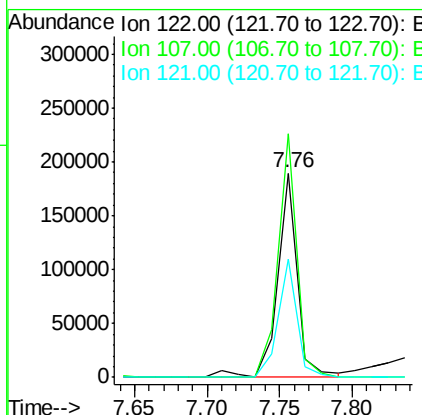
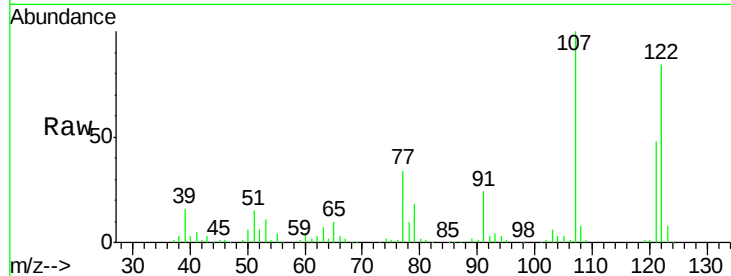
#27
 2,4-Dimethylphenol
 Concen: 40.01 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		179250		
107	119.0	88.2	132.4		
121	57.6	46.8	70.2		

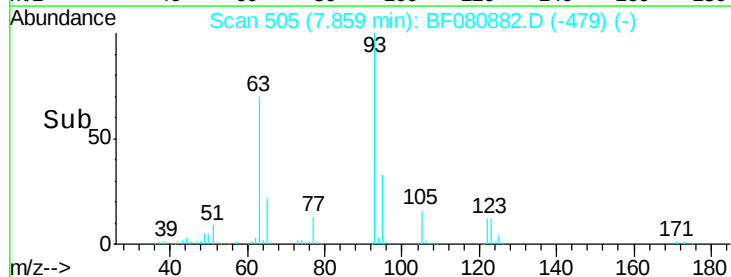
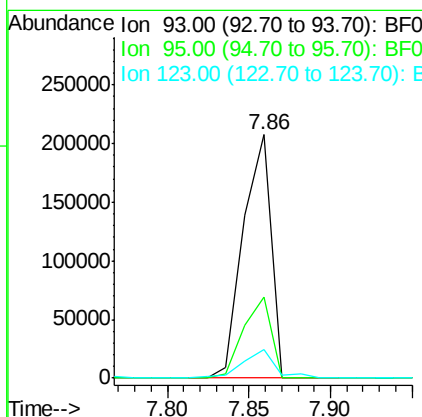
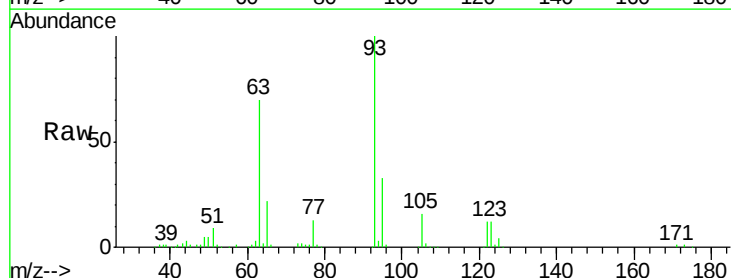
Manual Integrations
 APPROVED

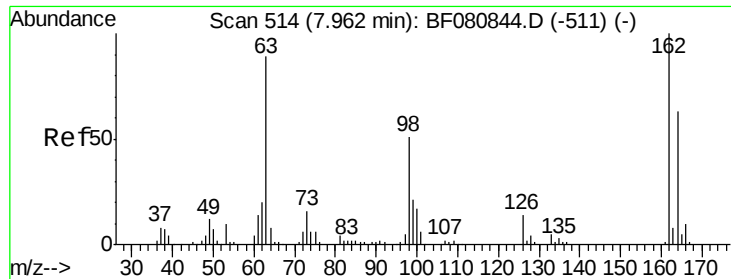
MMDadoda
 8/10/2015 10:13:50 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.77 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		245075		
95	33.1	25.9	38.9		
123	11.7	7.9	11.9		





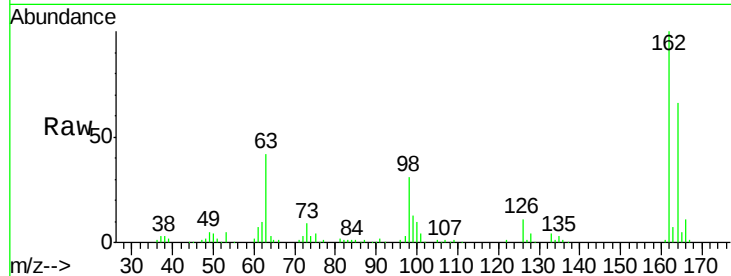
#29
 2,4-Dichlorophenol
 Concen: 39.29 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

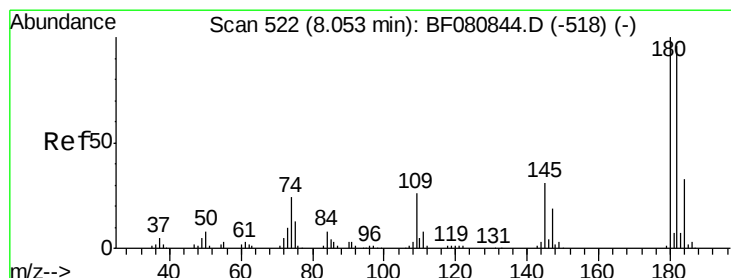
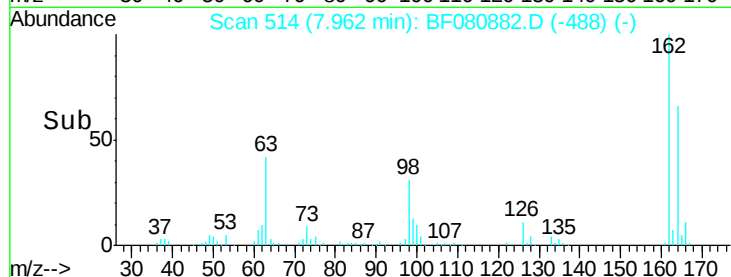
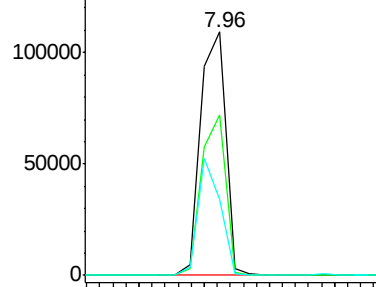
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.8	43.1	83.1
98	31.1	31.3	71.3

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM

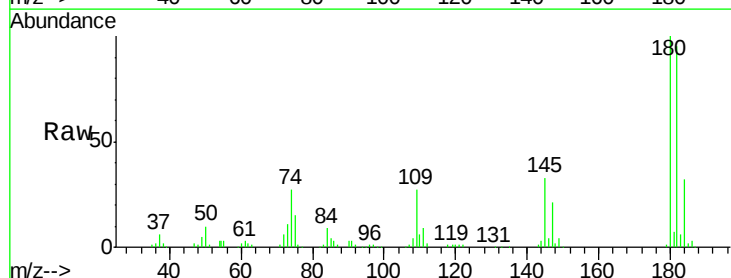


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

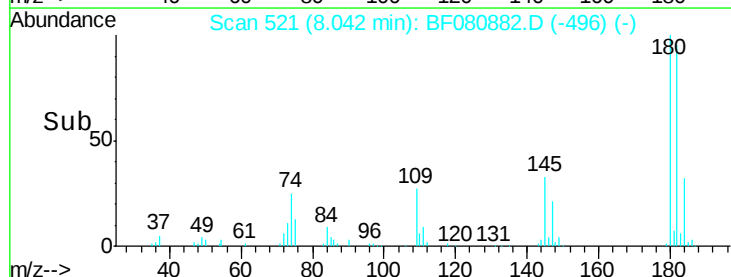
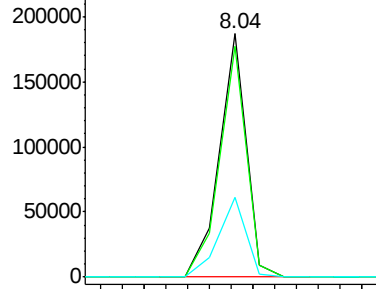


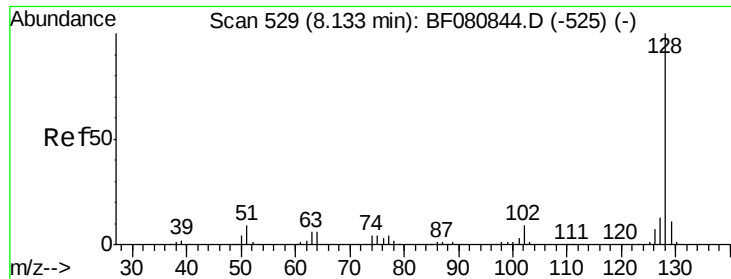
#30
 1,2,4-Trichlorobenzene
 Concen: 38.17 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	77.0	115.4
145	32.6	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





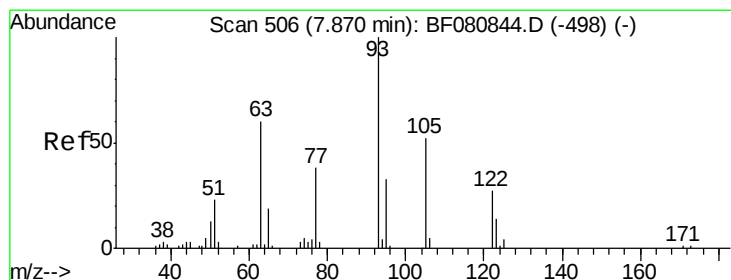
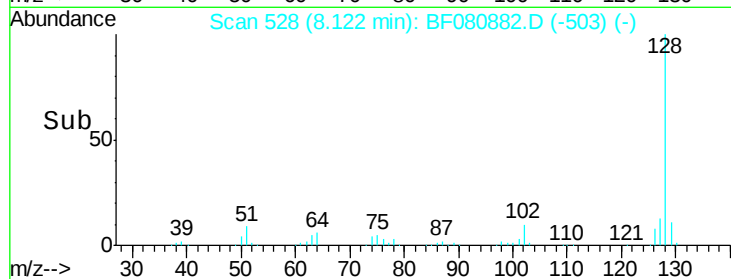
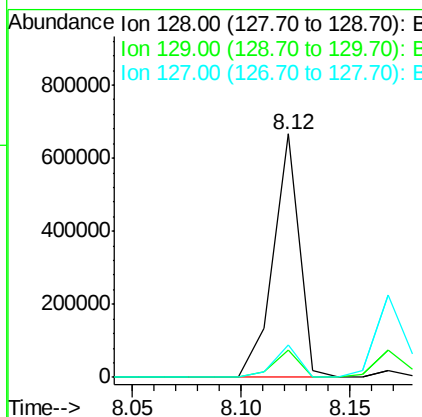
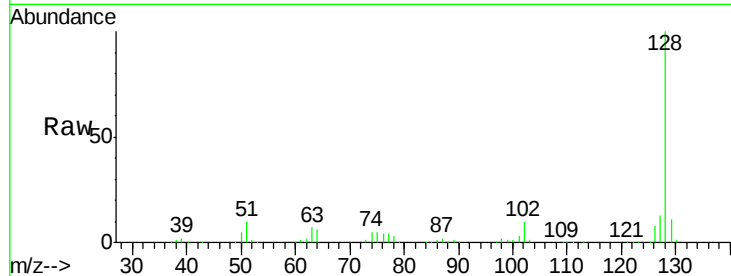
#31
Naphthalene
Concen: 38.81 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	563389		
129	11.1		8.7	13.1
127	13.5		10.6	15.8

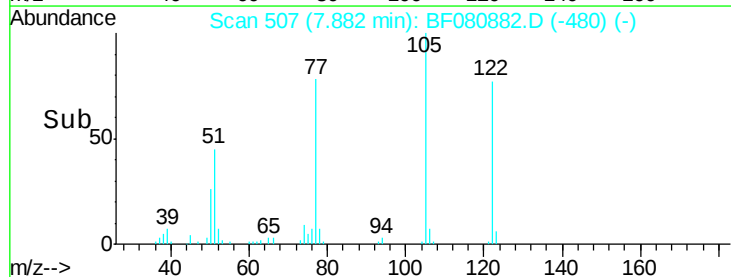
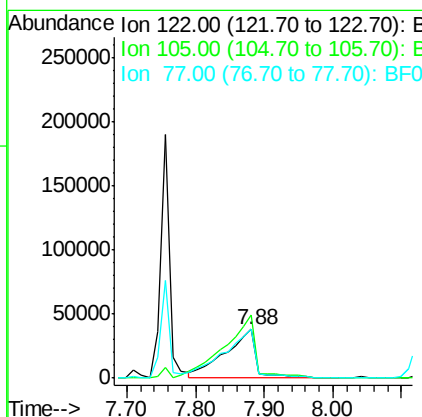
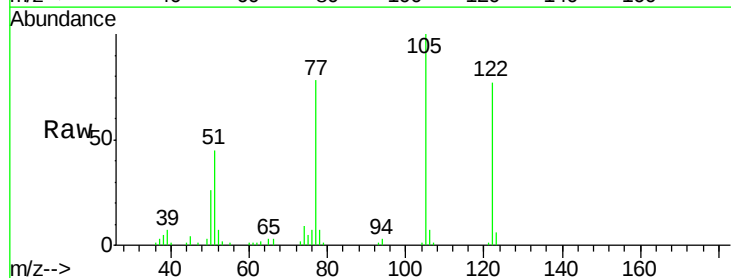
Manual Integrations
APPROVED

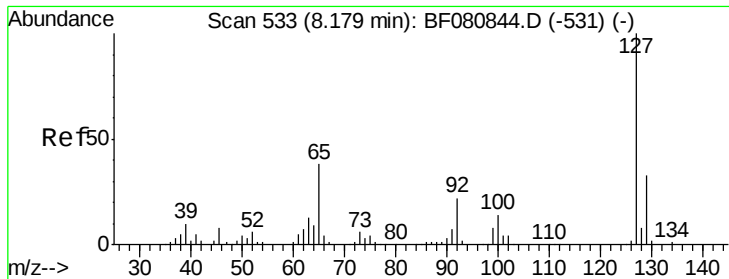
MMDadoda
8/10/2015 10:13:50 AM



#32
Benzoic acid
Concen: 39.81 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	119483		
105	129.2		110.1	150.1
77	101.1		83.6	123.6





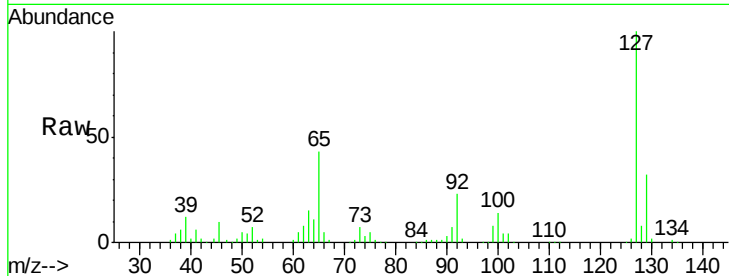
#33
4-Chloroaniline
Concen: 38.12 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

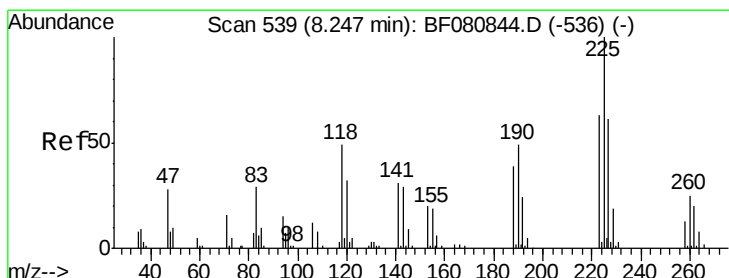
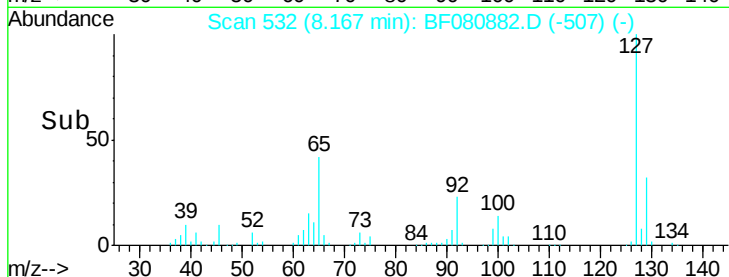
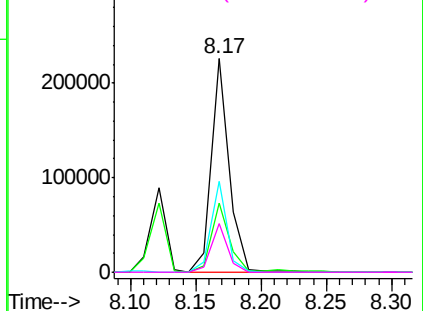
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	42.7	30.3	45.5		
92	22.6	17.3	25.9		

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM

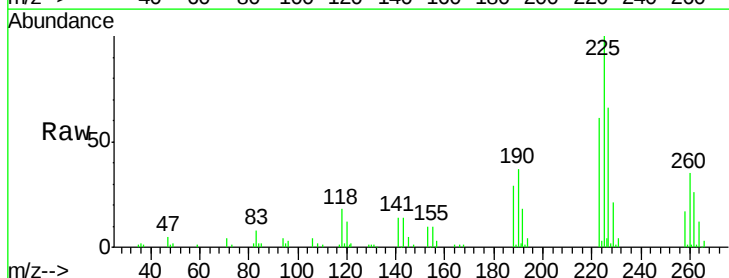


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

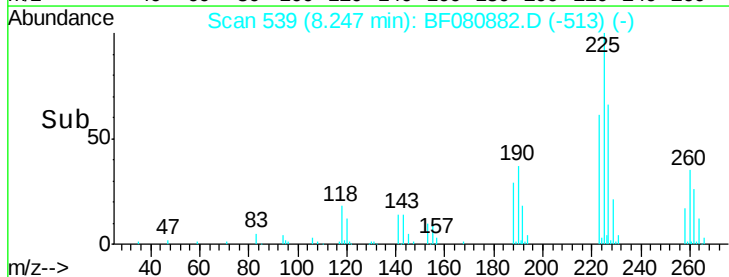
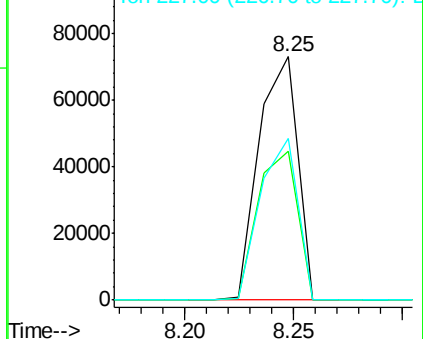


#34
Hexachlorobutadiene
Concen: 37.99 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	50.0	75.0		
227	66.4	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: 53.44 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

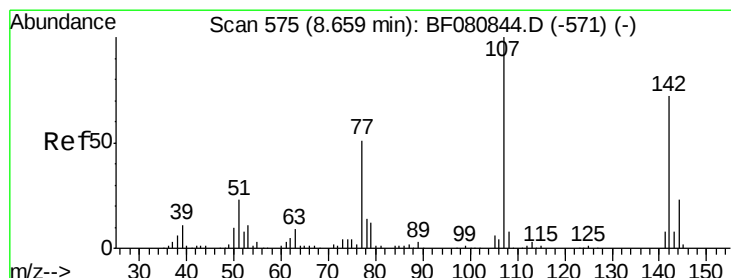
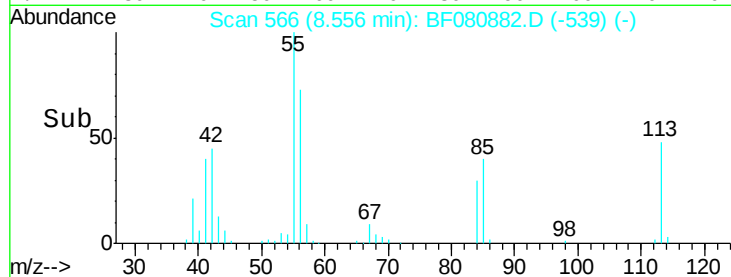
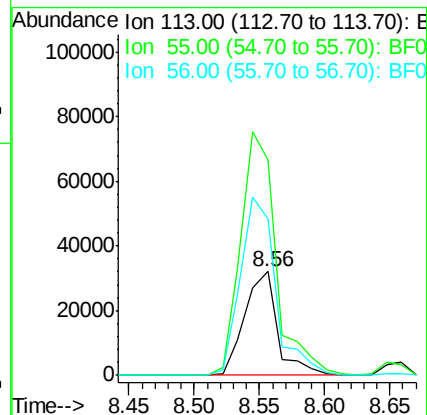
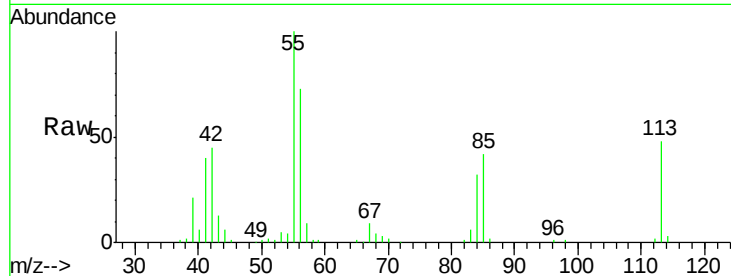
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.6	236.2	276.2#
56	151.5	165.2	205.2#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#36

4-Chloro-3-methylphenol

Concen: 44.19 ng

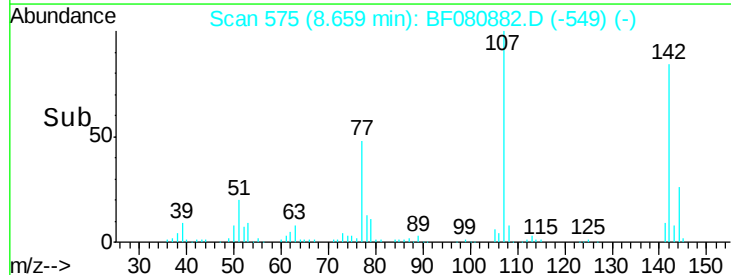
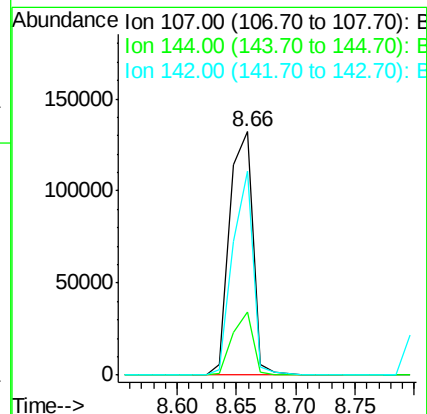
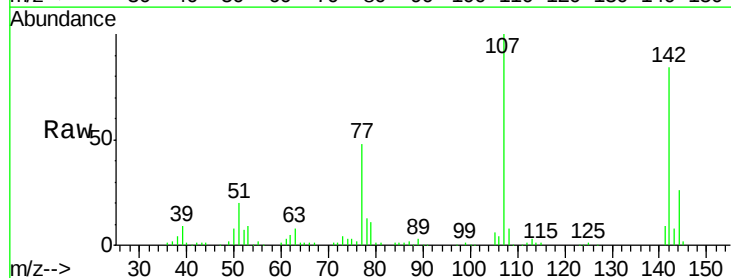
RT: 8.66 min Scan# 575

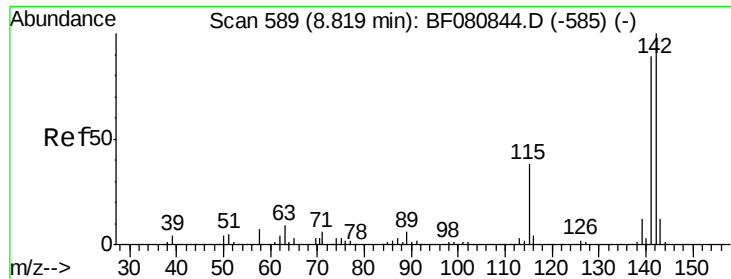
Delta R.T. -0.00 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	18.3	27.5
142	84.0	57.8	86.8





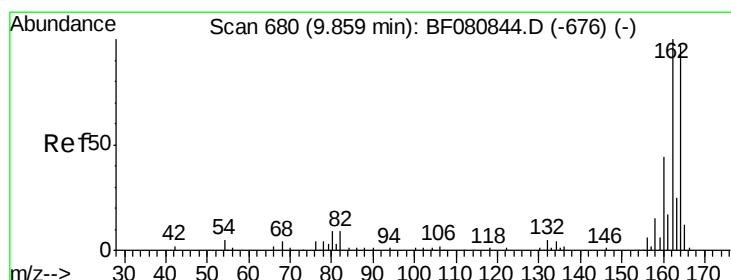
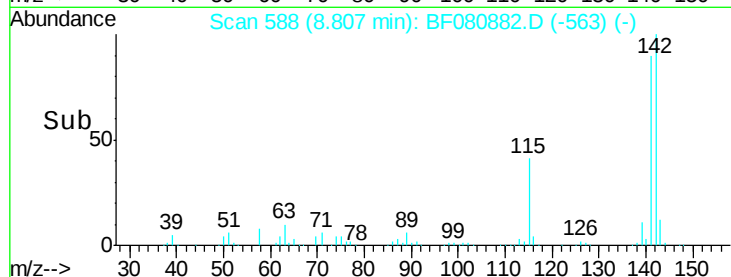
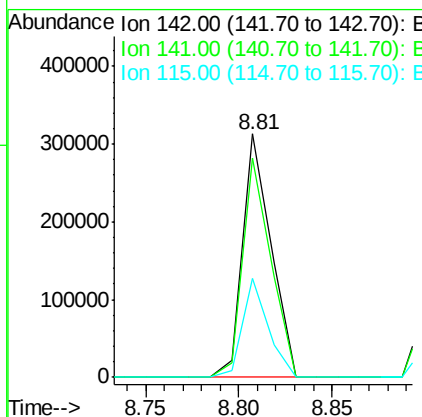
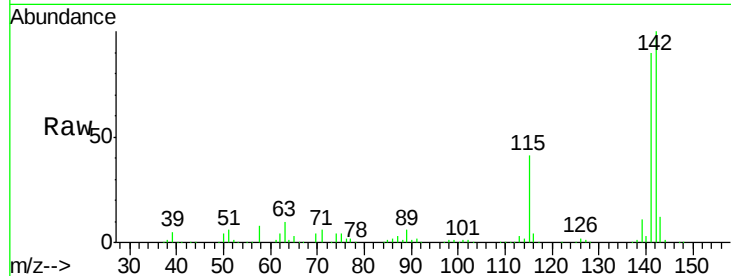
#37
2-Methylnaphthalene
Concen: 38.02 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.5	107.3
115	40.8	30.5	45.7

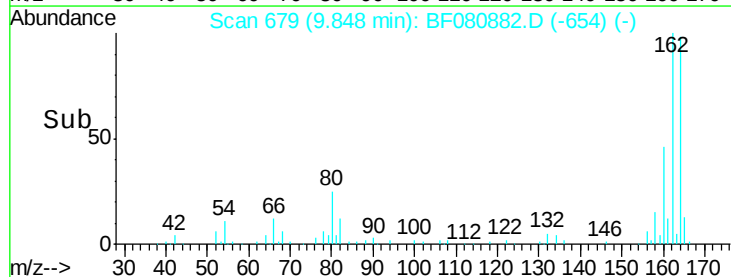
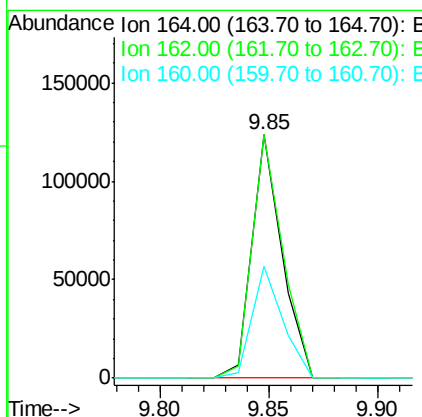
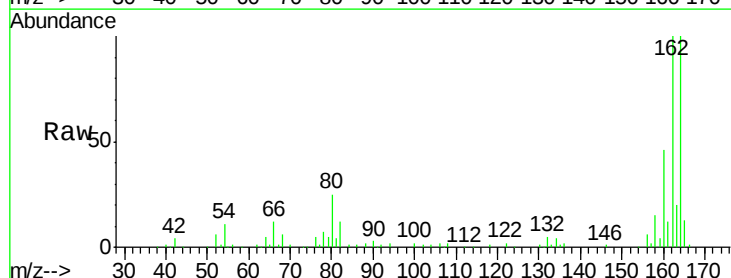
Manual Integrations
APPROVED

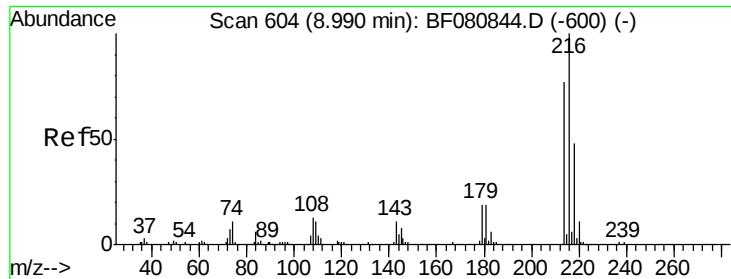
MMDadoda
8/10/2015 10:13:50 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.9	124.3
160	45.9	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.24 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF080882.D

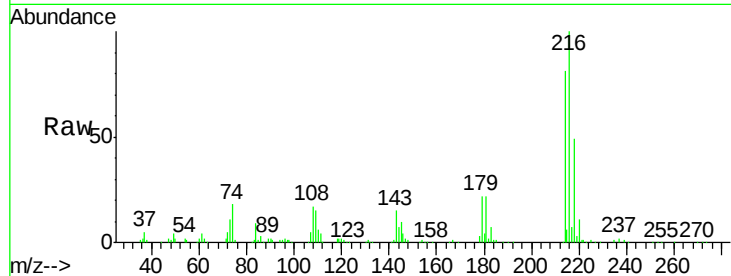
Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

ClientSampleId :

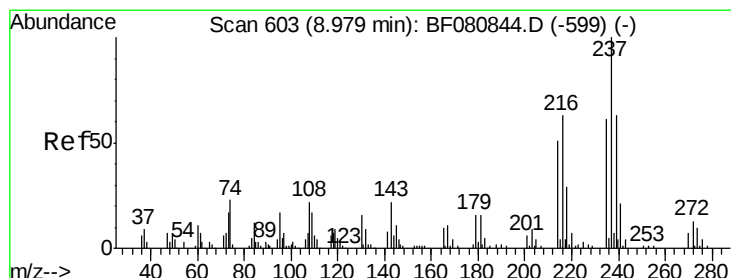
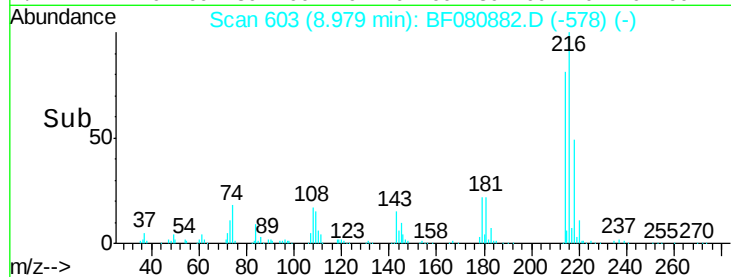
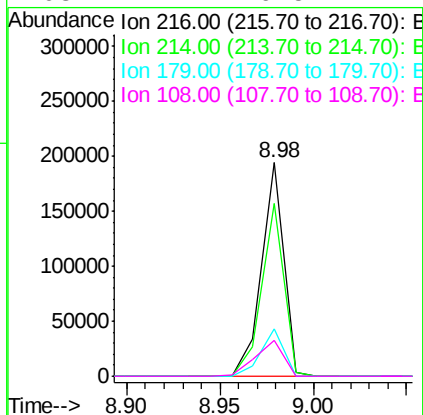
SSTDCCC040



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.5	62.1	93.1		
179	22.9	17.0	25.6		
108	21.7	16.5	24.7		

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#40

Hexachlorocyclopentadiene

Concen: 39.60 ng

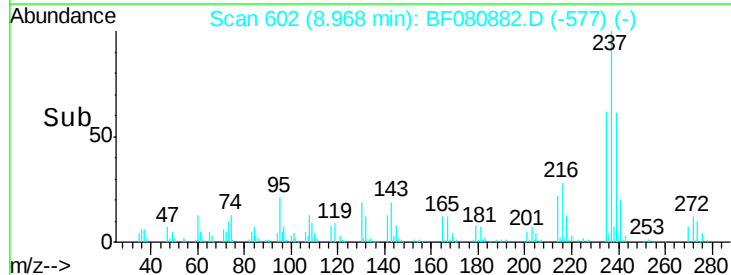
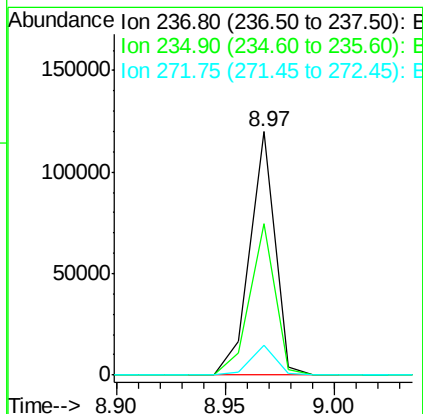
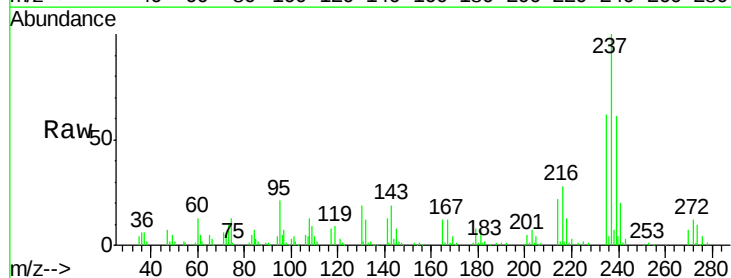
RT: 8.97 min Scan# 602

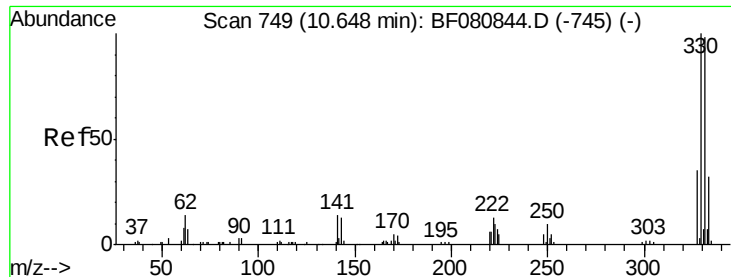
Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2	40.9	80.9		
272	12.3	0.0	33.1		





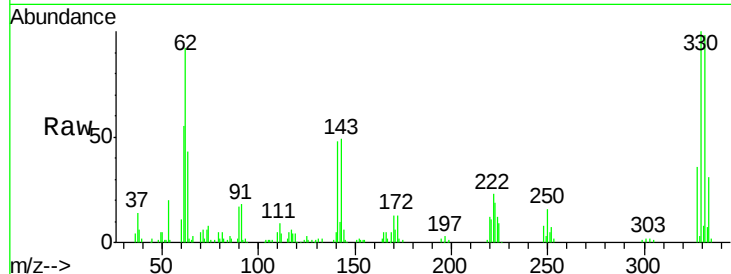
#41
 2,4,6-Tribromophenol
 Concen: 84.09 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

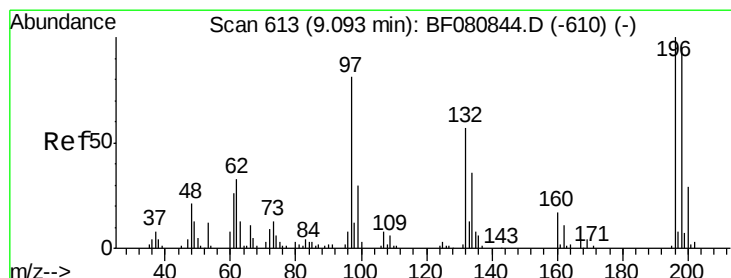
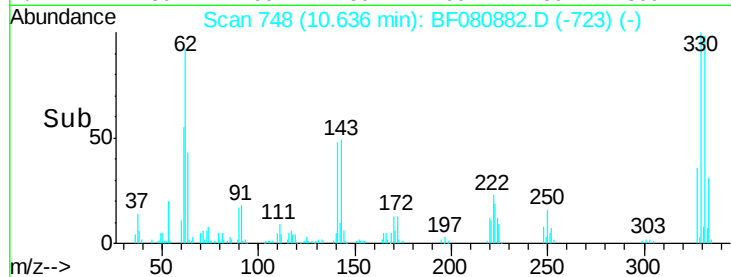
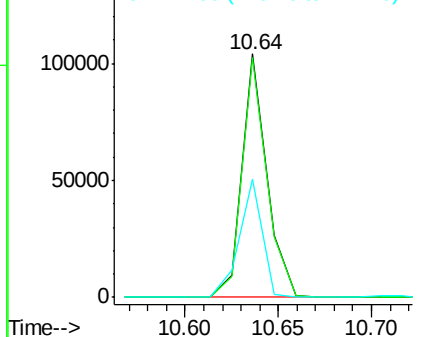
Tot Ion	Ratio	Resp	Lower	Upper
330	100	96350		
332	97.9		77.8	116.8
141	45.5		28.4	42.6

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM



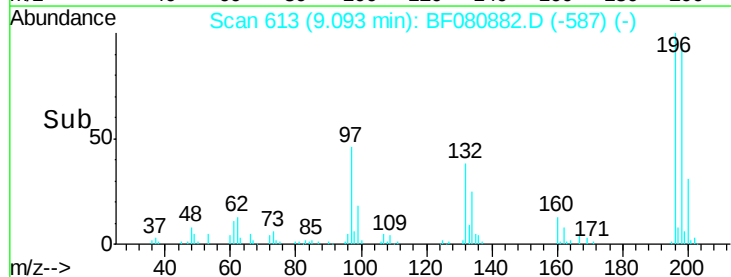
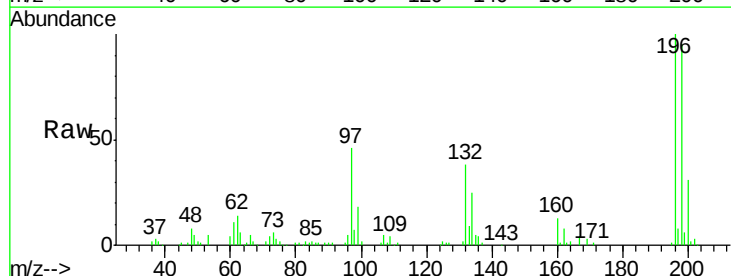
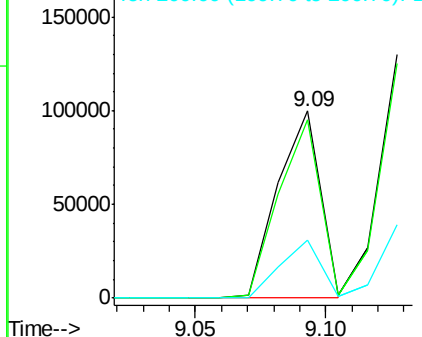
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

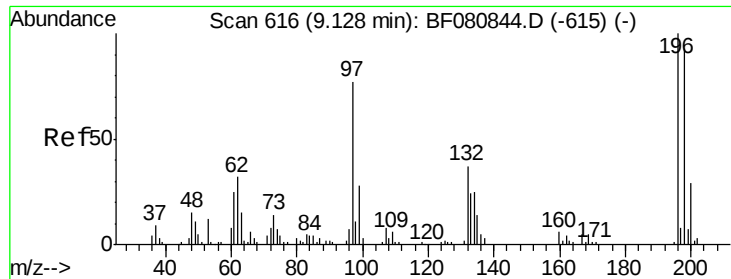


#42
 2,4,6-Trichlorophenol
 Concen: 41.09 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112925		
198	95.2		76.4	114.6
200	31.2		23.1	34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





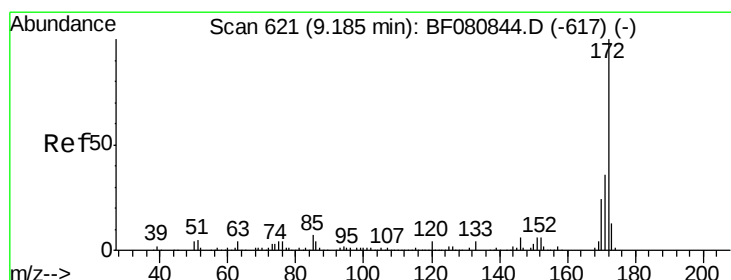
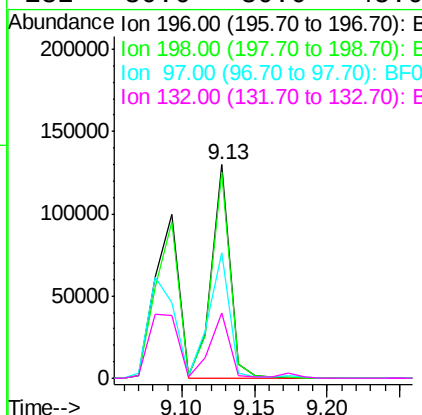
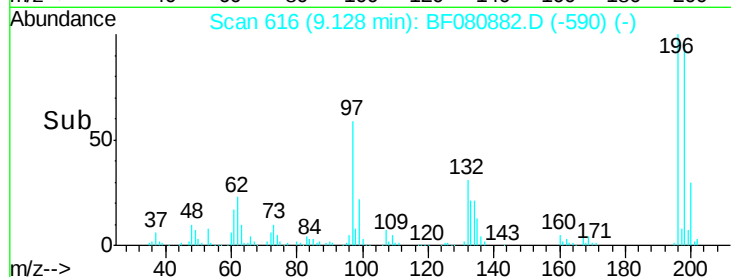
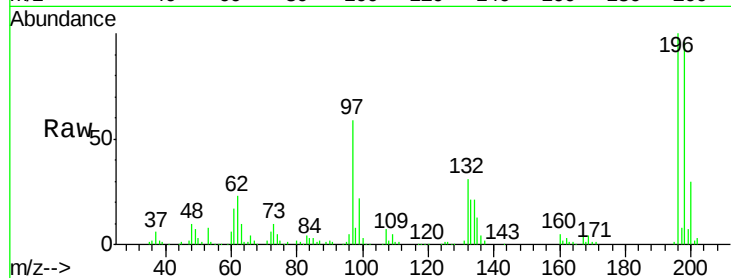
#43
2,4,5-Trichlorophenol
Concen: 41.83 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115305		
198	96.5	74.2	111.4	
97	58.9	63.0	94.6	
132	30.6	30.0	45.0	

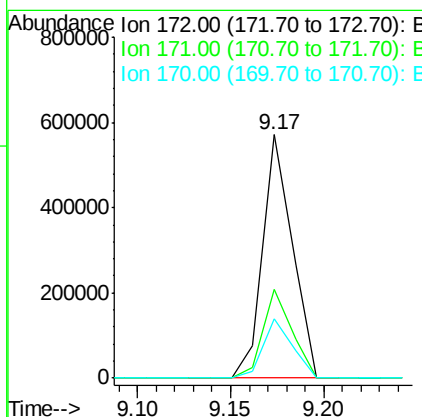
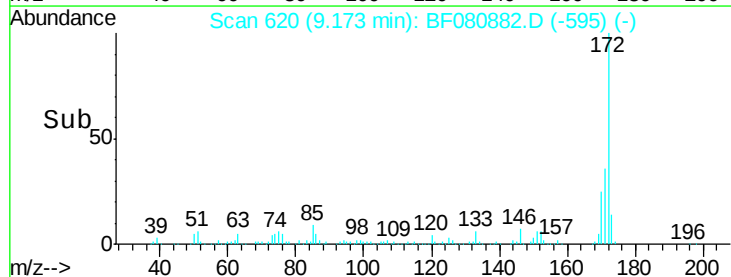
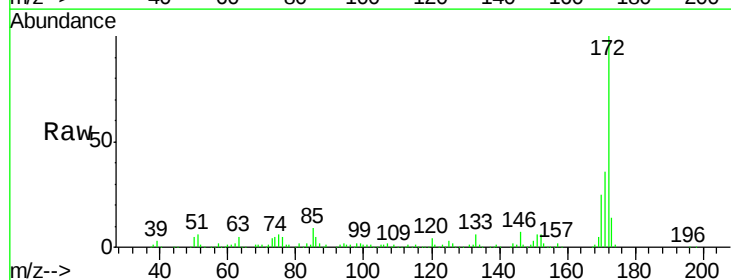
Manual Integrations
APPROVED

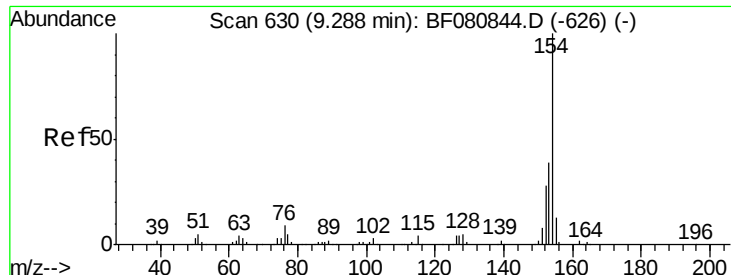
MMDadoda
8/10/2015 10:13:50 AM



#44
2-Fluorobiphenyl
Concen: 71.08 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	627177		
171	36.4	28.9	43.3	
170	24.5	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 38.97 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

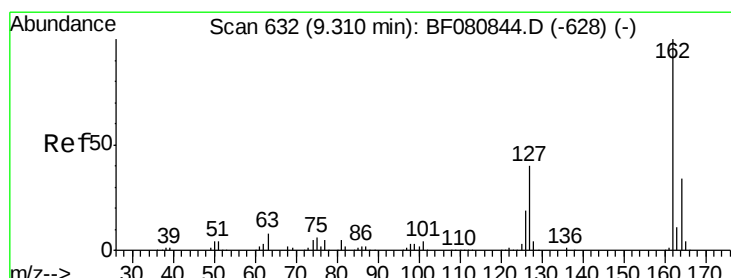
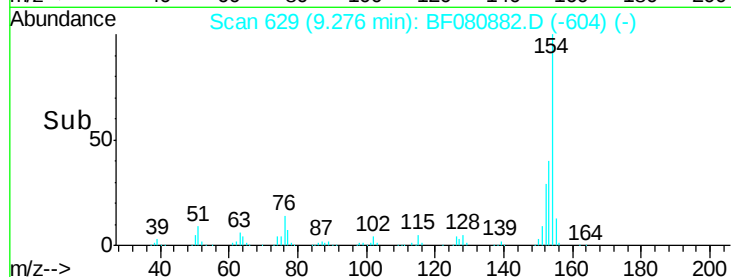
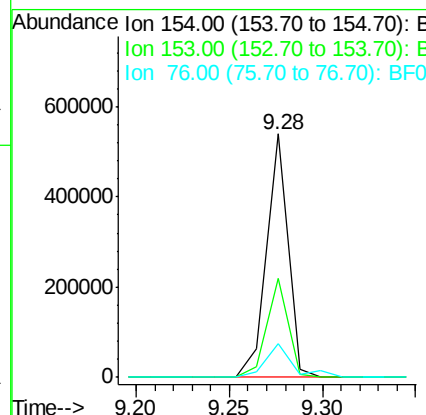
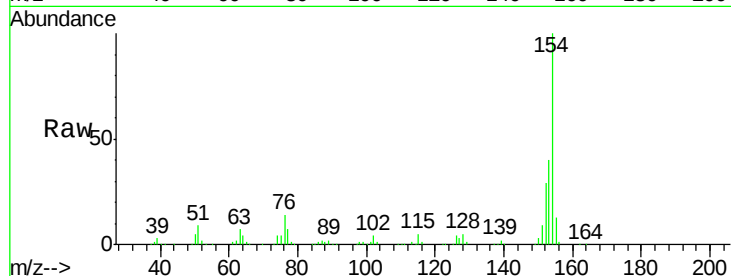
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	426850
Ion Ratio	Lower	Upper	
154	100		
153	40.4	19.2	59.2
76	13.6	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#46

2-Chloronaphthalene

Concen: 38.36 ng

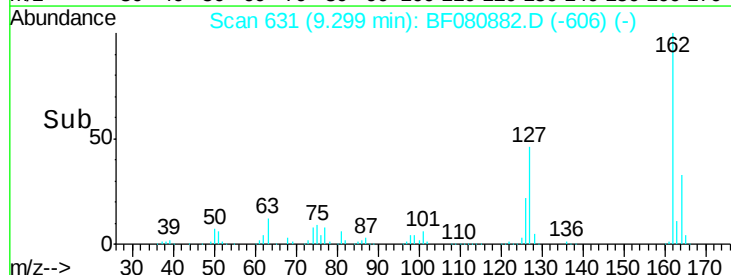
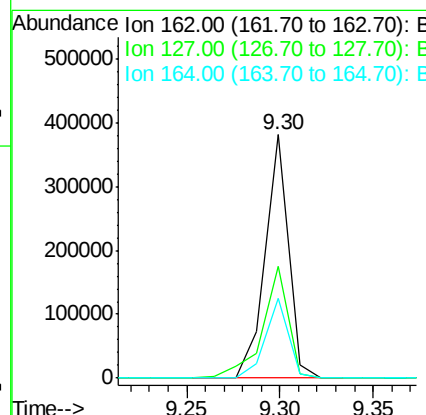
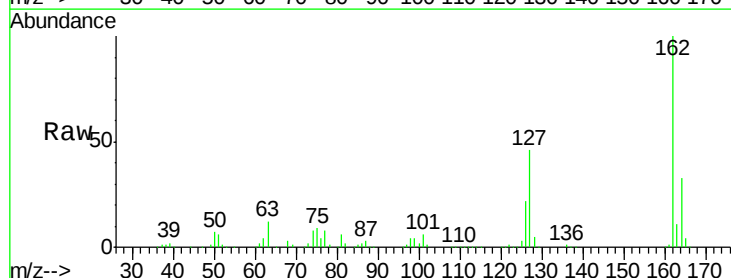
RT: 9.30 min Scan# 631

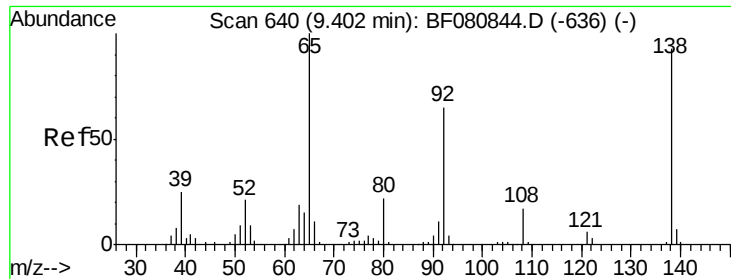
Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	162	Resp:	326836
Ion Ratio	Lower	Upper	
162	100		
127	45.9	31.9	47.9
164	32.8	26.8	40.2





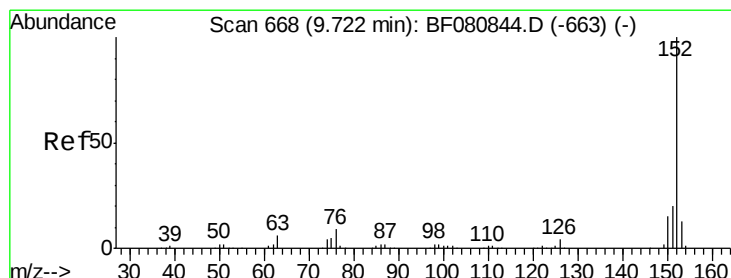
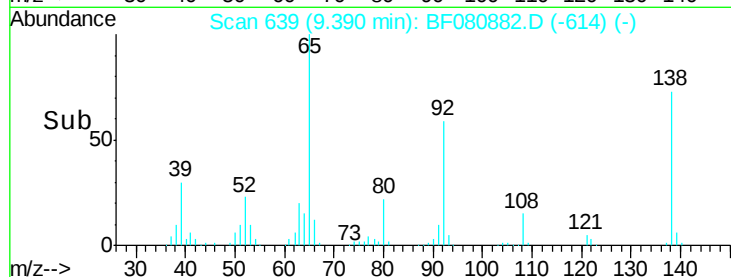
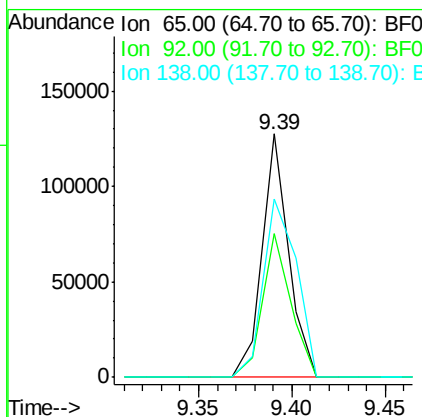
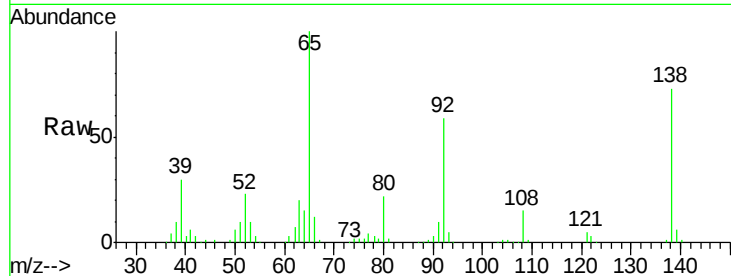
#47
2-Nitroaniline
Concen: 40.06 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.1	51.7	77.5
138	73.1	74.2	111.2#

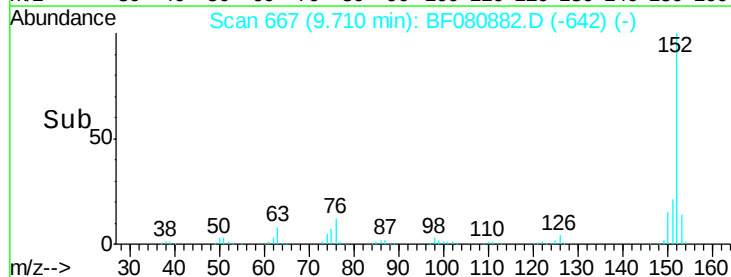
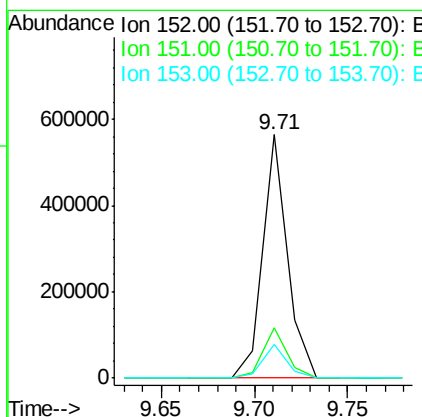
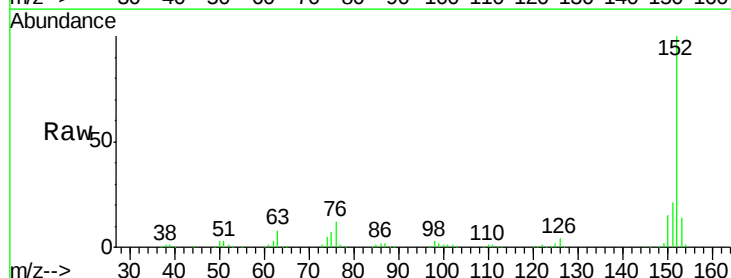
Manual Integrations
APPROVED

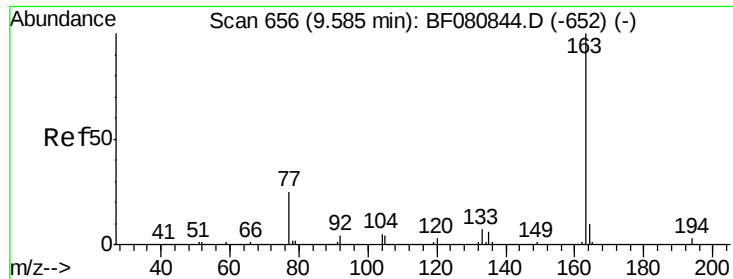
MMDadoda
8/10/2015 10:13:50 AM



#48
Acenaphthylene
Concen: 37.32 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.8	10.6	15.8





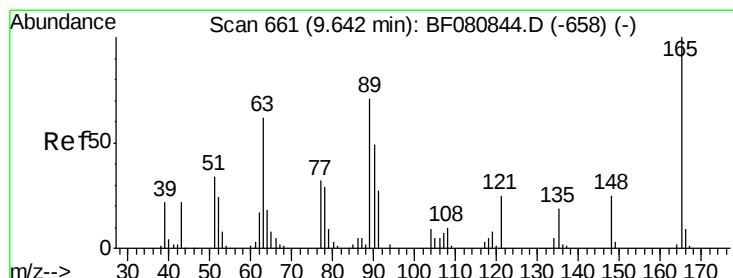
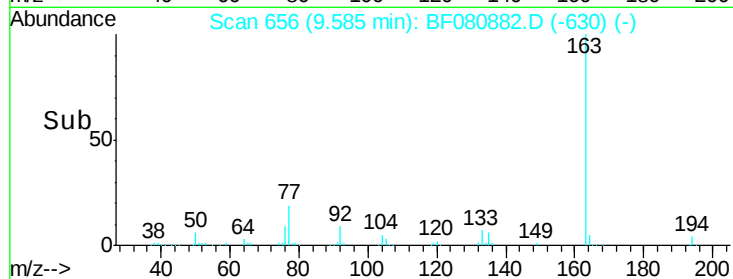
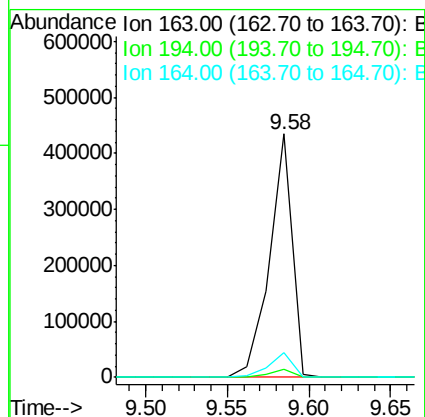
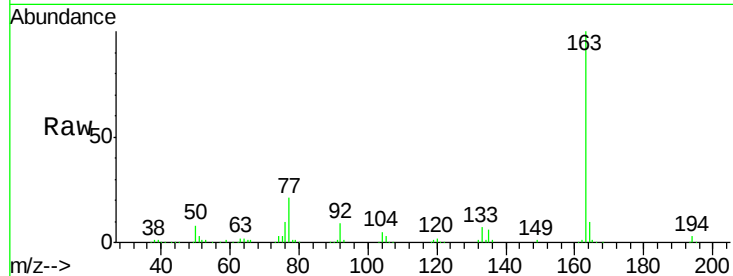
#49
Dimethylphthalate
Concen: 48.45 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.9	8.2	12.4	

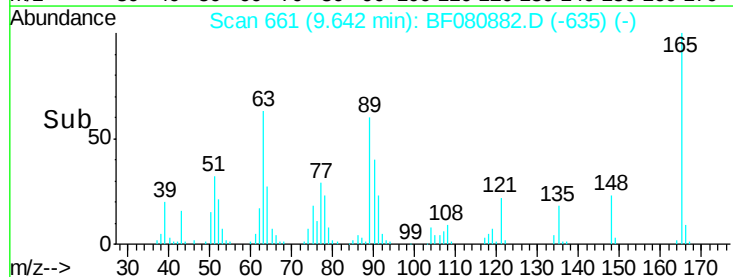
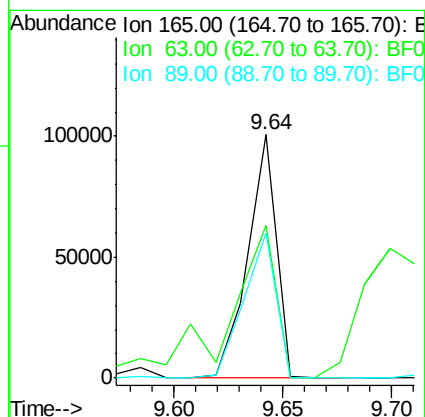
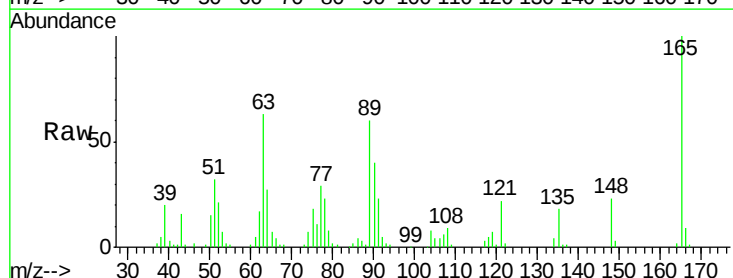
Manual Integrations
APPROVED

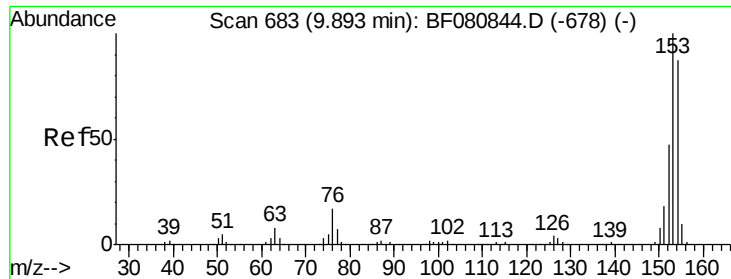
MMDadoda
8/10/2015 10:13:50 AM



#50
2,6-Dinitrotoluene
Concen: 50.42 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.5	65.0	97.6#	
89	59.7	56.6	85.0	





#51

Acenaphthene

Concen: 38.36 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

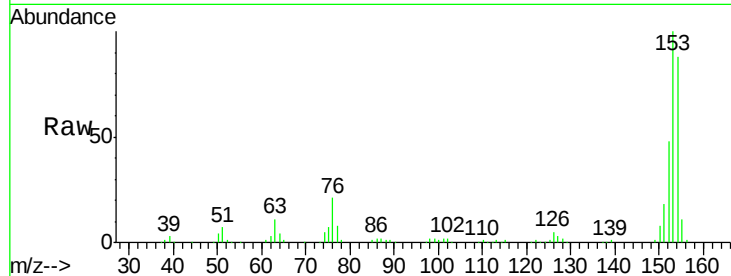
ClientSampleId :

SSTDCCC040

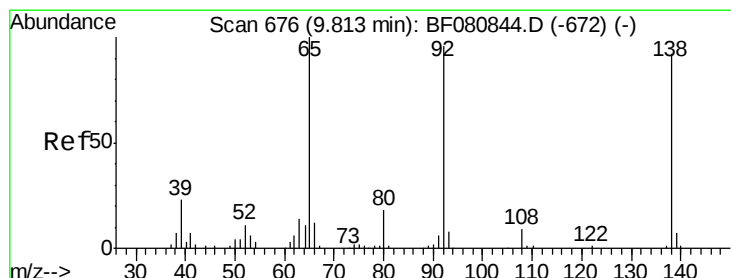
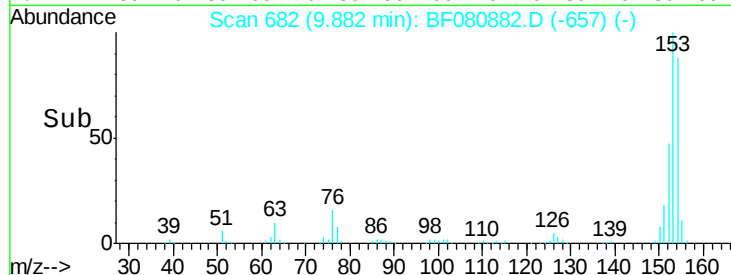
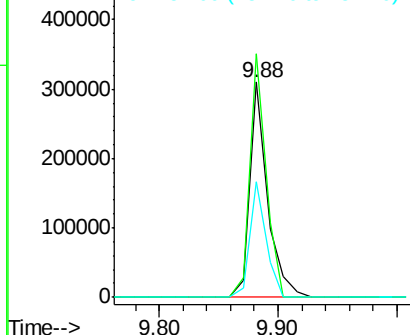
Tot Ion:	154	Resp:	323248
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.8	137.6
152	53.9	43.2	64.8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



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



#52

3-Nitroaniline

Concen: 43.98 ng

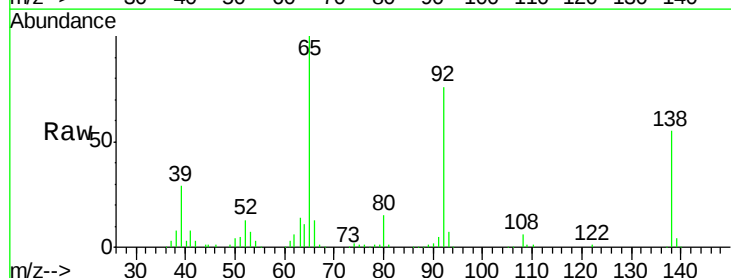
RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

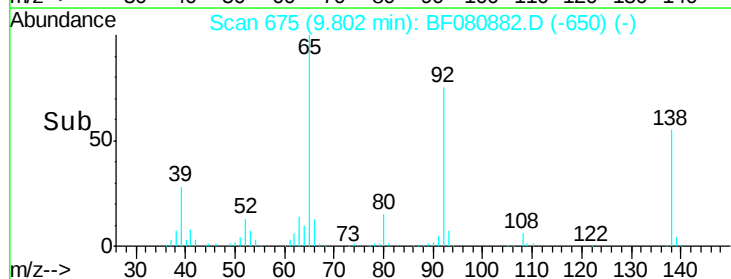
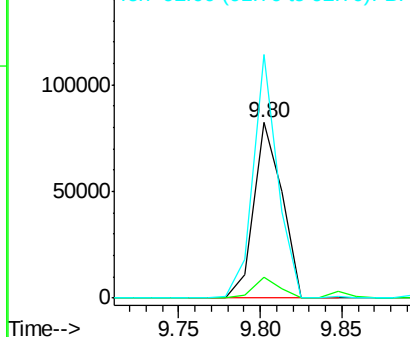
Lab File: BF080882.D

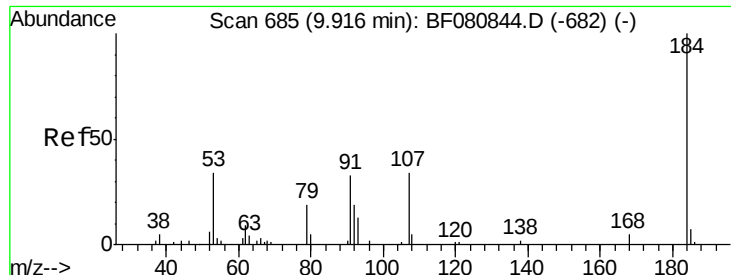
Acq: 6 Aug 2015 10:23

Tgt Ion:	138	Resp:	98455
Ion Ratio	Lower	Upper	
138	100		
108	11.7	7.9	11.9
92	138.9	83.7	125.5#



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





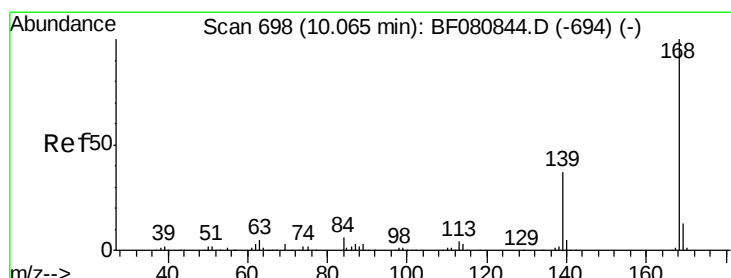
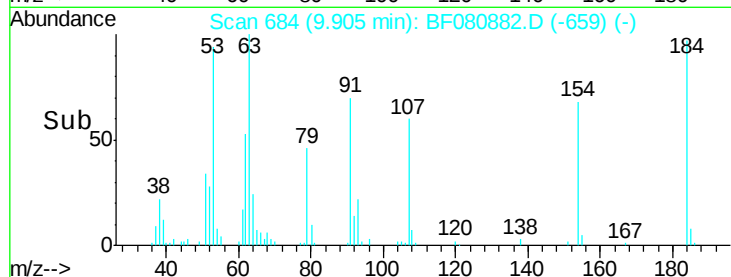
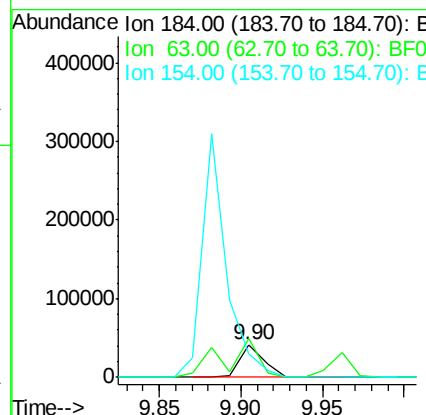
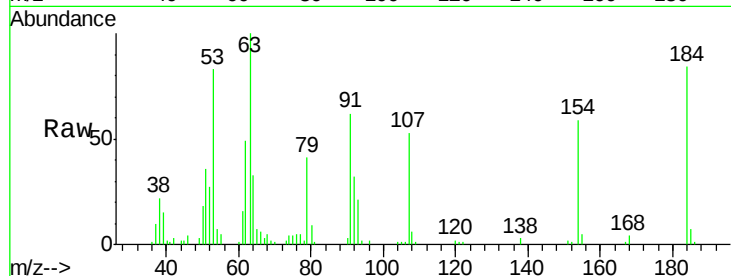
#53
2,4-Dinitrophenol
Concen: 40.53 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	119.4	33.8	50.6#
154	70.5	44.2	66.2#

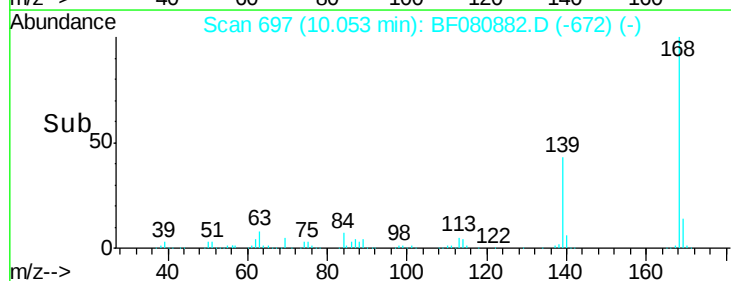
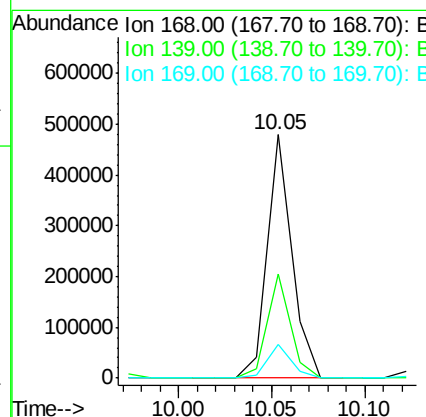
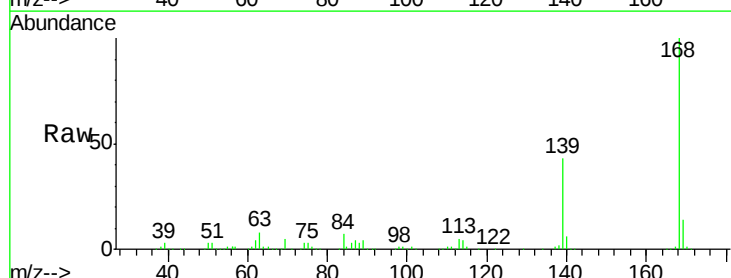
Manual Integrations
APPROVED

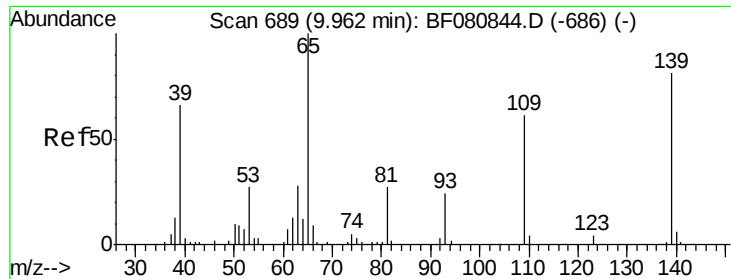
MMDadoda
8/10/2015 10:13:50 AM



#54
Dibenzofuran
Concen: 38.57 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	30.0	45.0
169	13.9	10.6	16.0





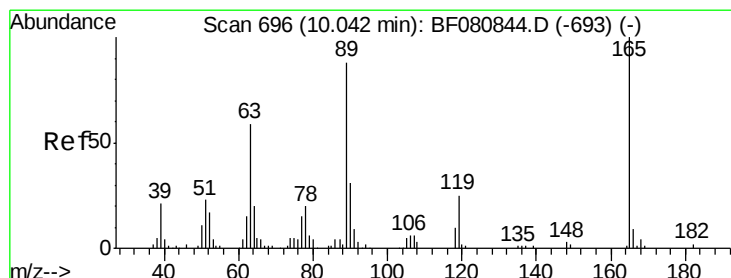
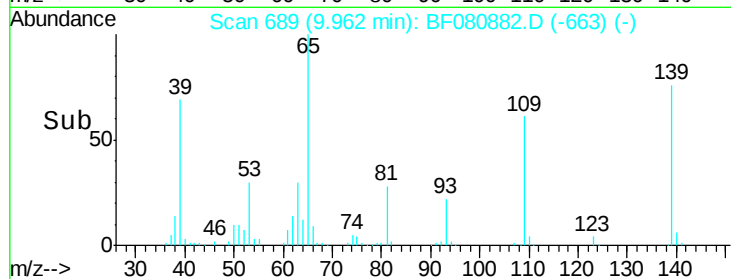
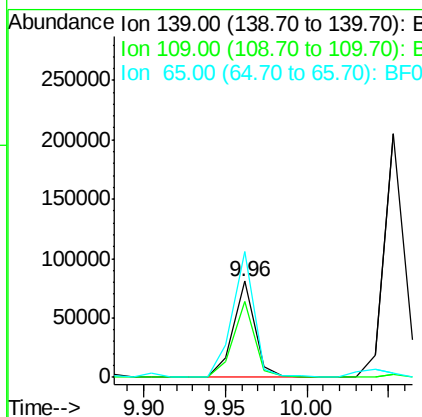
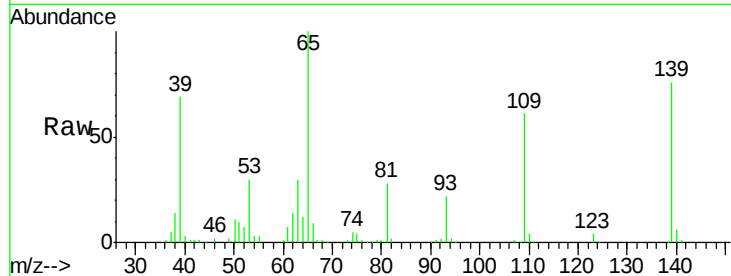
#55
4-Nitrophenol
Concen: 47.40 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	79.6	54.4	94.4
65	131.5	103.0	143.0

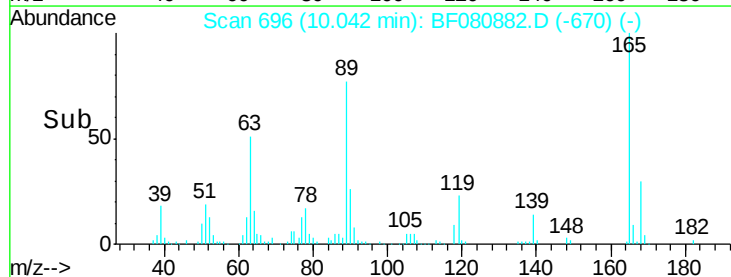
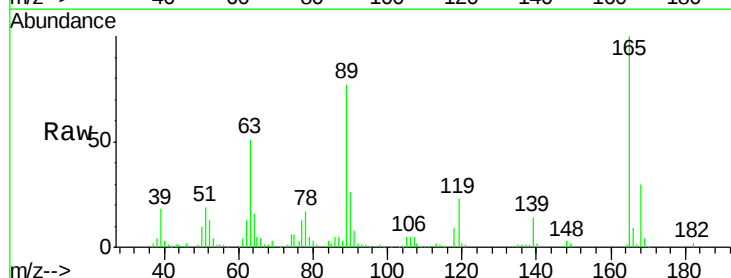
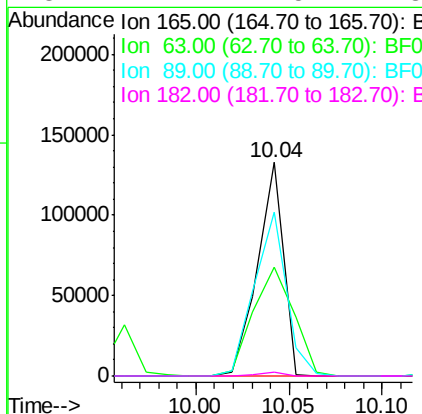
Manual Integrations
APPROVED

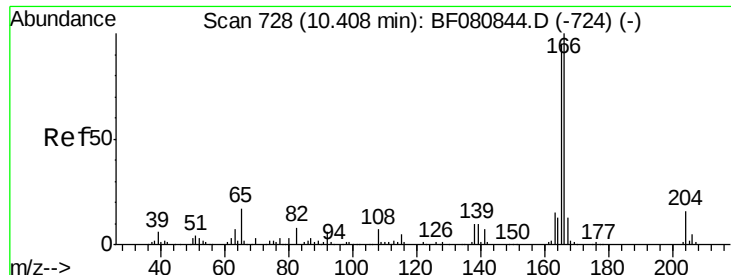
MMDadoda
8/10/2015 10:13:50 AM



#56
2,4-Dinitrotoluene
Concen: 55.40 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	47.2	70.8
89	77.0	70.2	105.2
182	2.1	1.5	2.3





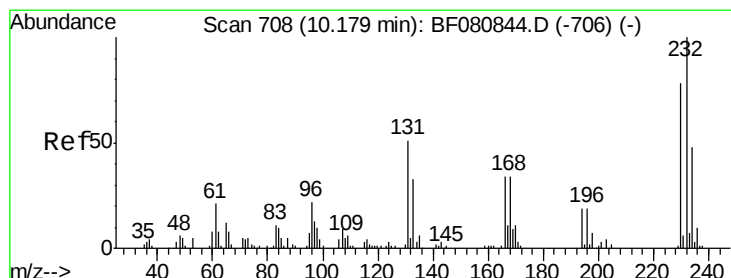
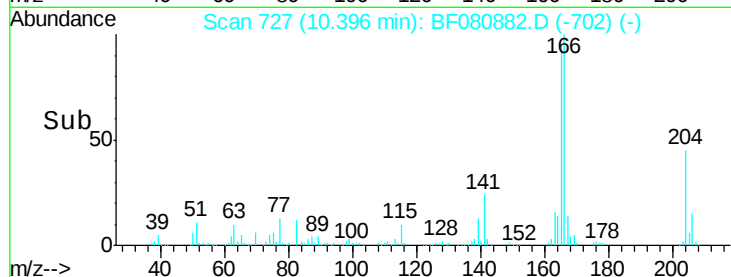
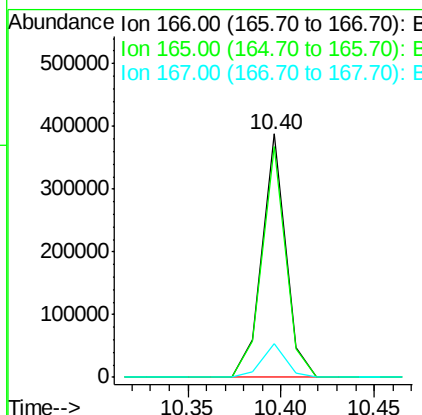
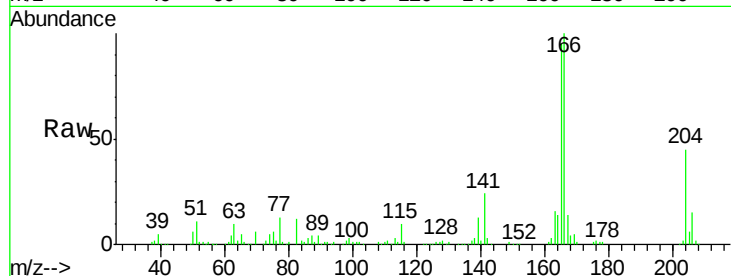
#57
 Fluorene
 Concen: 39.65 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	340265		
165	95.1	76.2	114.2	
167	13.7	10.4	15.6	

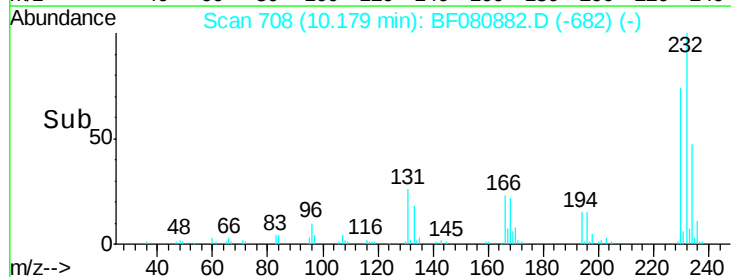
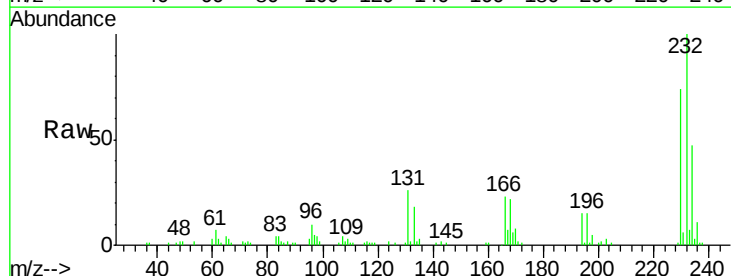
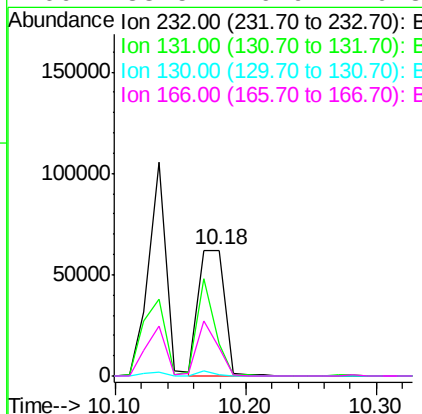
Manual Integrations
 APPROVED

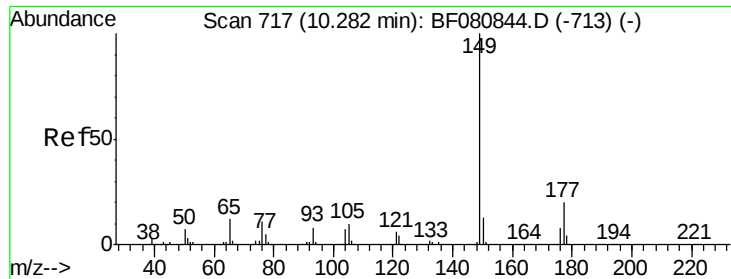
MMDadoda
 8/10/2015 10:13:50 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.09 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	87218		
131	52.7	43.7	65.5	
130	2.4	1.9	2.9	
166	33.5	26.9	40.3	





#59

Diethylphthalate

Concen: 50.97 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

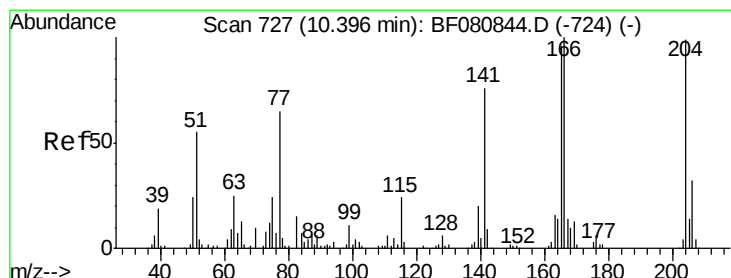
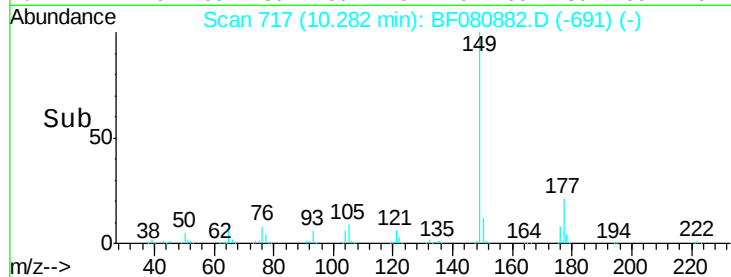
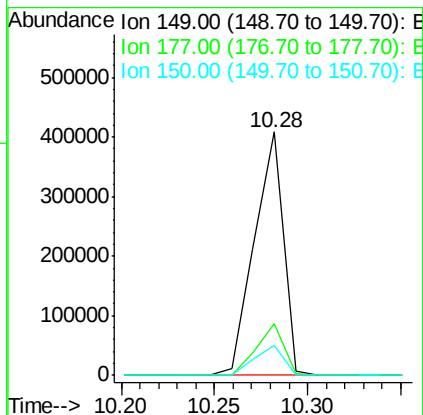
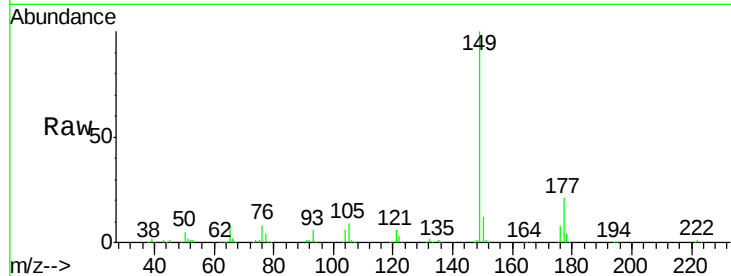
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	437303
Ion Ratio	Lower	Upper	
149	100		
177	21.1	15.8	23.8
150	12.4	10.2	15.2

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#60

4-Chlorophenyl-phenylether

Concen: 49.54 ng

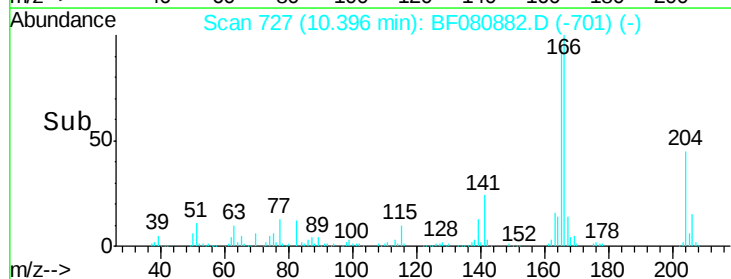
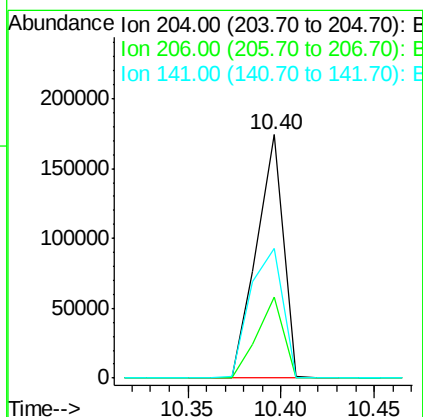
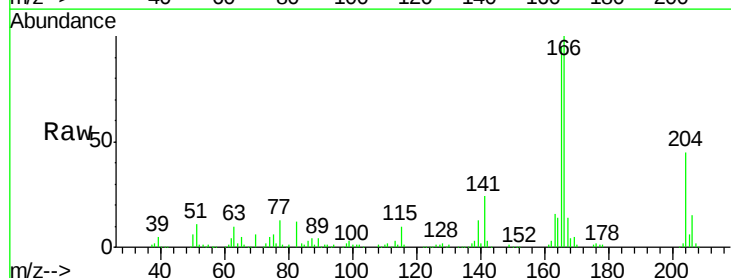
RT: 10.40 min Scan# 727

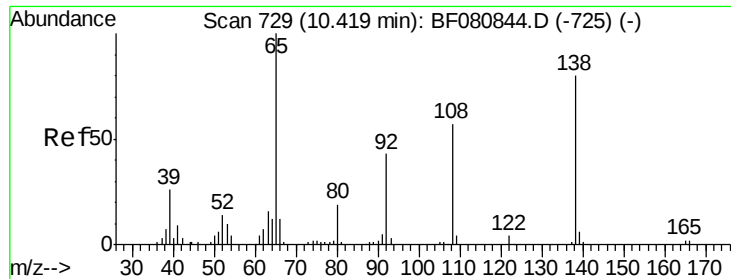
Delta R.T. 0.00 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	204	Resp:	172708
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.8	38.8
141	53.0	61.4	92.2#





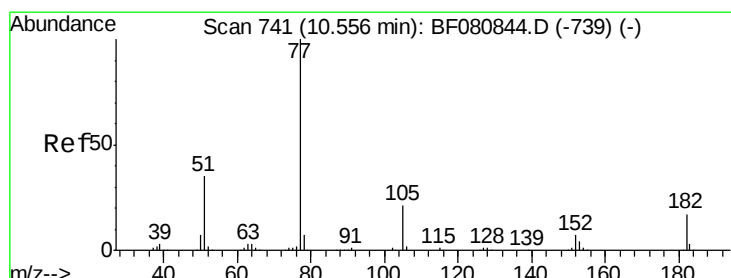
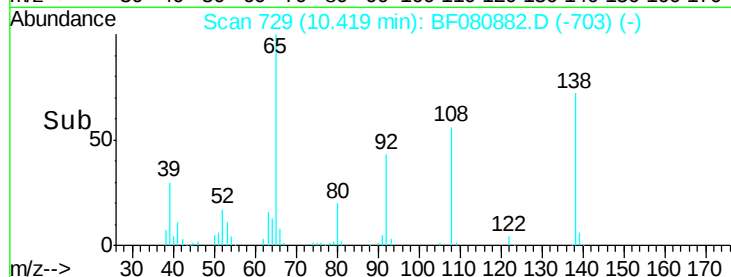
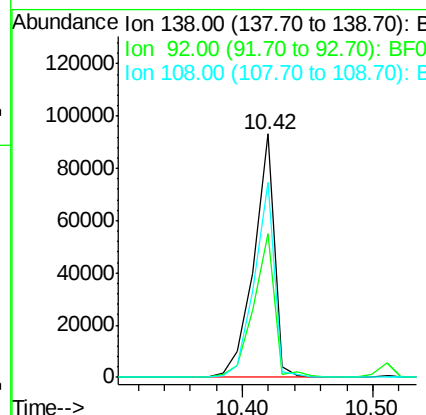
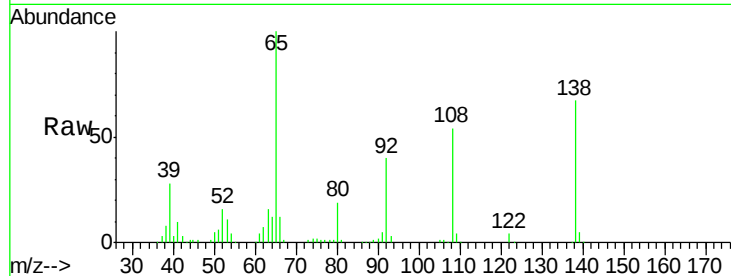
#61
4-Nitroaniline
Concen: 51.26 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.1	33.5	73.5
108	80.3	52.3	92.3

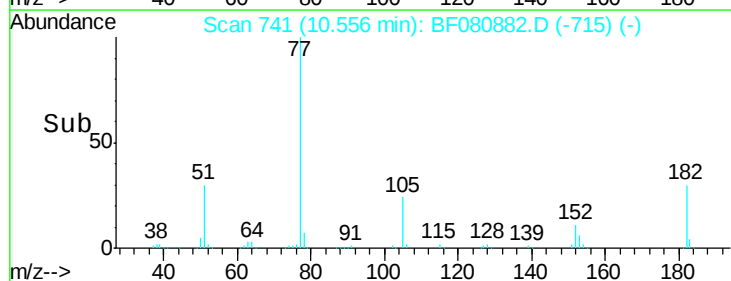
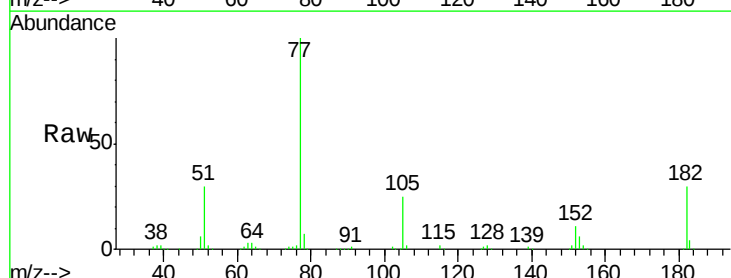
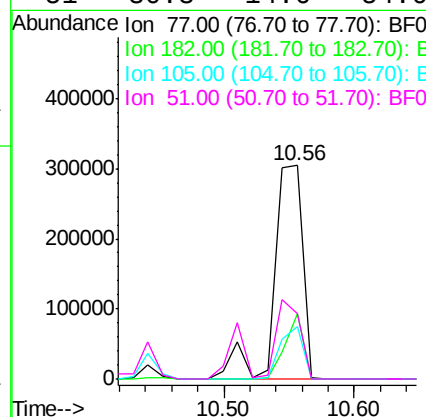
Manual Integrations
APPROVED

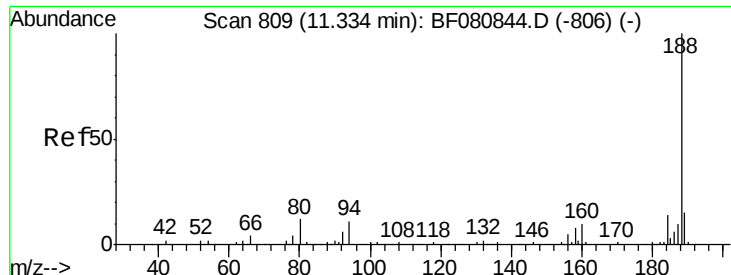
MMDadoda
8/10/2015 10:13:50 AM



#62
Azobenzene
Concen: 47.10 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.3	0.0	37.0
105	24.7	1.3	41.3
51	30.3	14.6	54.6





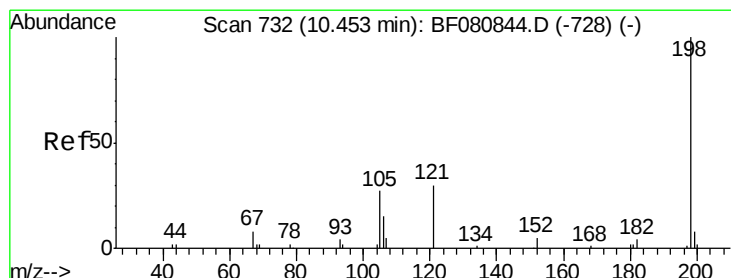
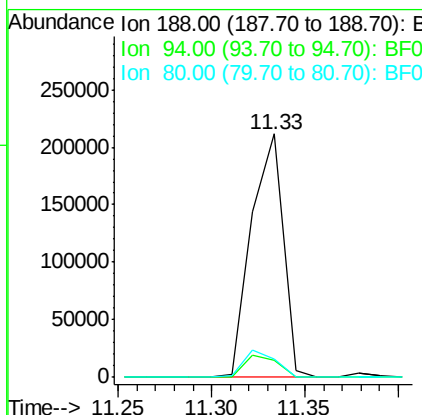
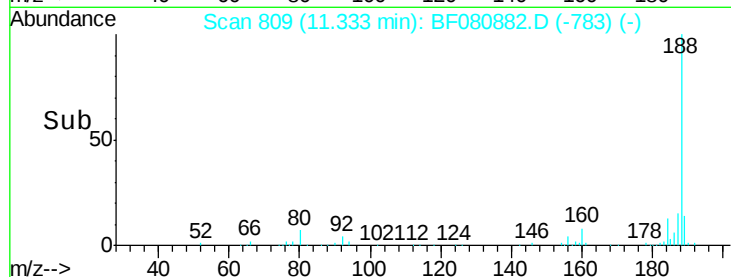
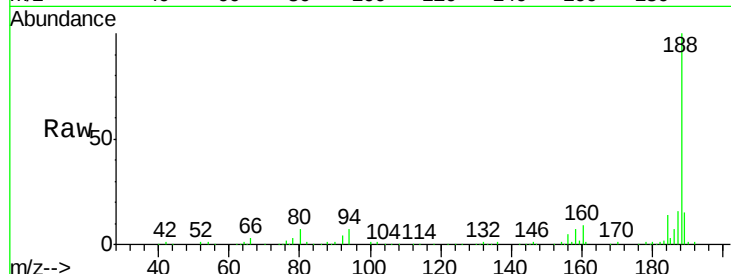
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.0	8.6	12.8#
80	7.3	9.3	13.9#

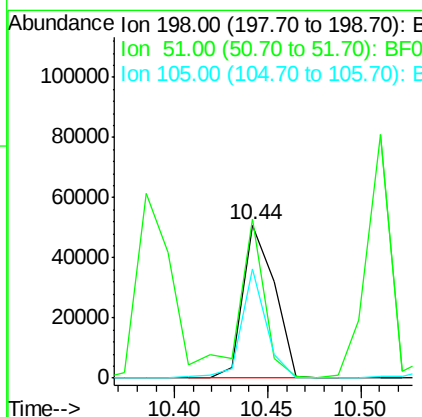
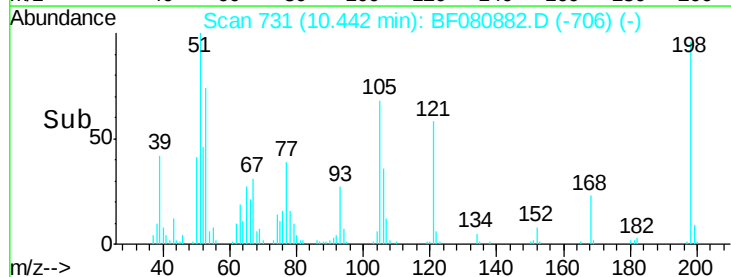
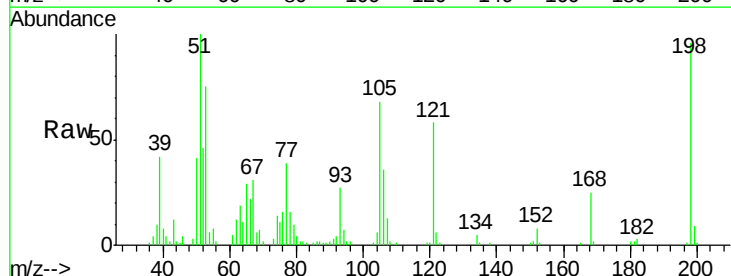
Manual Integrations
APPROVED

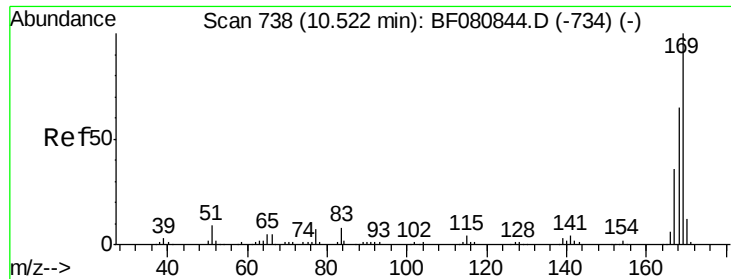
MMDadoda
8/10/2015 10:13:50 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.13 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	104.6	4.7	44.7#
105	71.2	8.5	48.5#





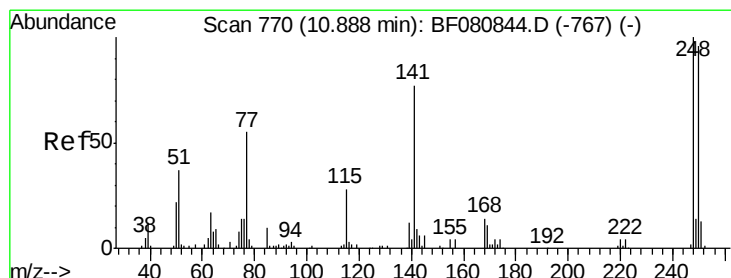
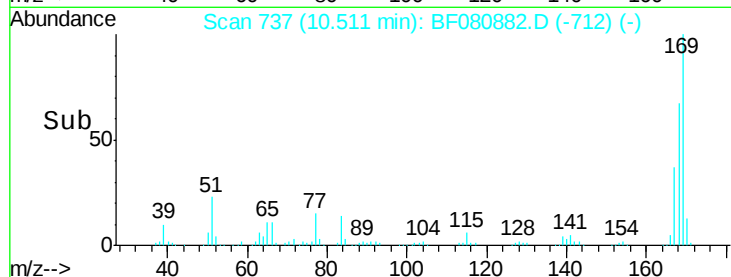
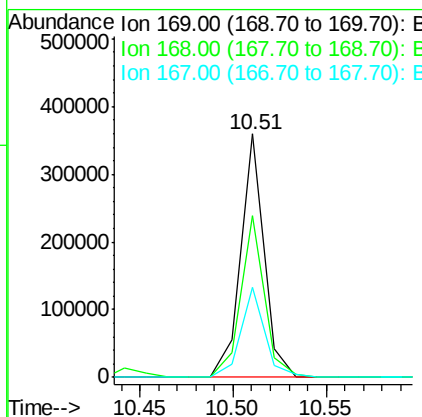
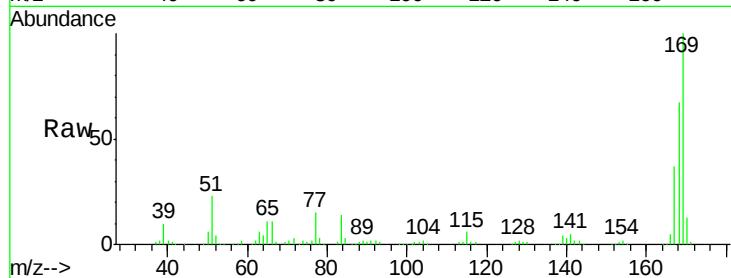
#65
 n-Nitrosodiphenylamine
 Concen: 32.99 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	315471		
168	66.5	52.2	78.4	
167	37.1	29.2	43.8	

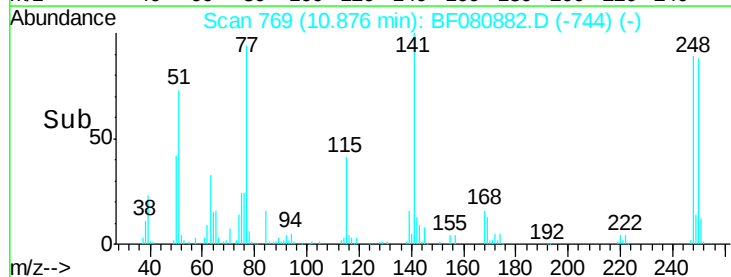
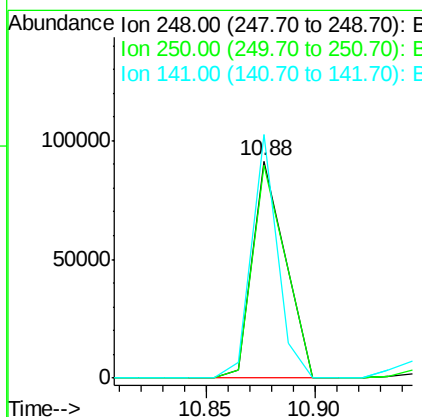
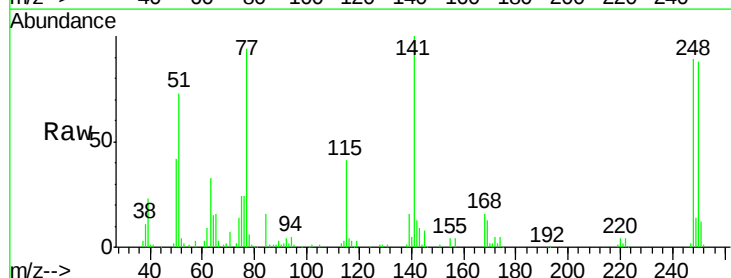
Manual Integrations
 APPROVED

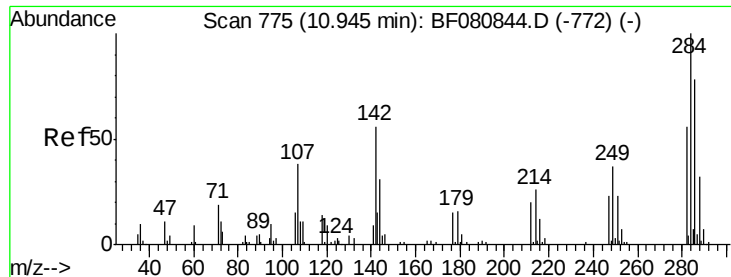
MMDadoda
 8/10/2015 10:13:50 AM



#66
 4-Bromophenyl-phenylether
 Concen: 34.78 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	96065		
250	98.2	77.2	115.8	
141	112.2	61.4	92.0	





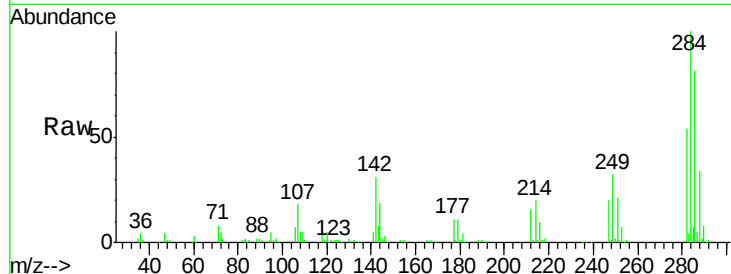
#67
Hexachlorobenzene
Concen: 38.55 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

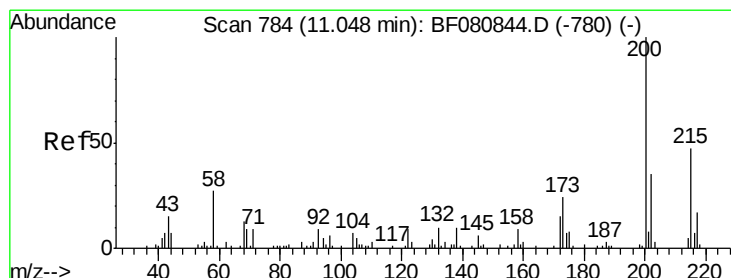
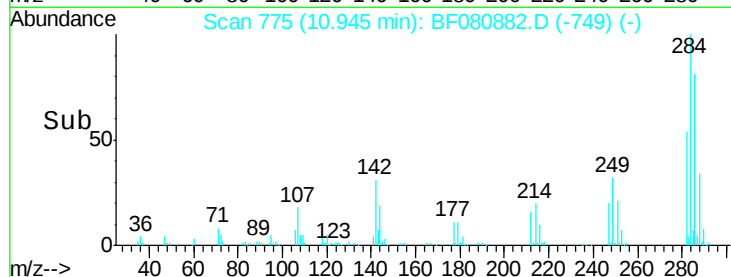
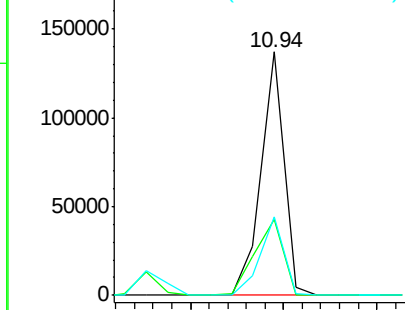
Tot Ion	Ratio	Resp	Lower	Upper
284	100	116294		
142	31.4	44.4	66.6	#
249	32.1	29.3	43.9	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM

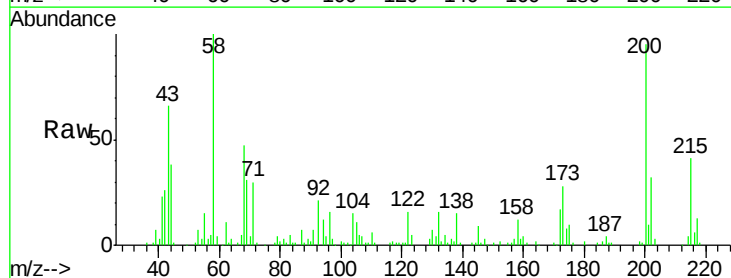


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

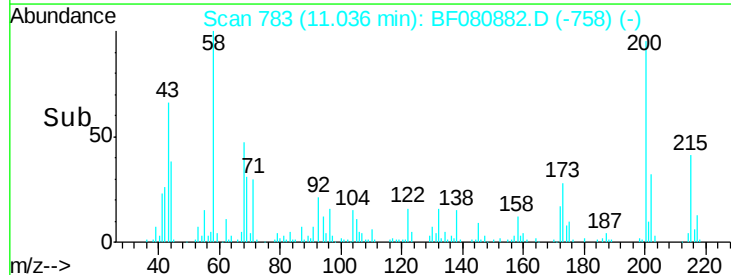
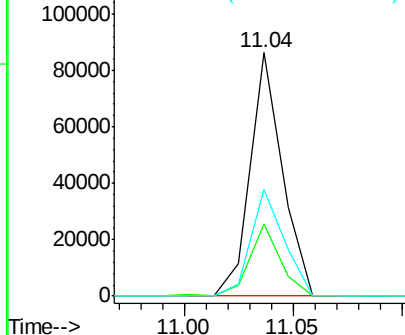


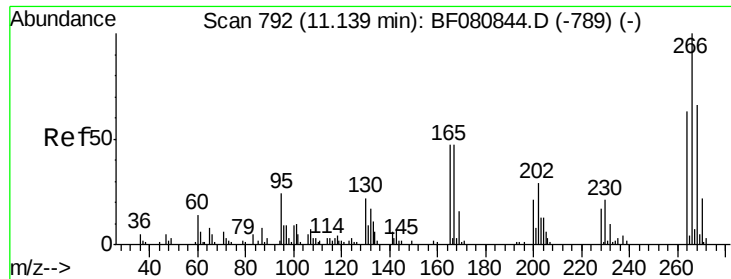
#68
Atrazine
Concen: 35.56 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	88497		
173	29.8	4.8	44.8	
215	43.8	27.1	67.1	



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





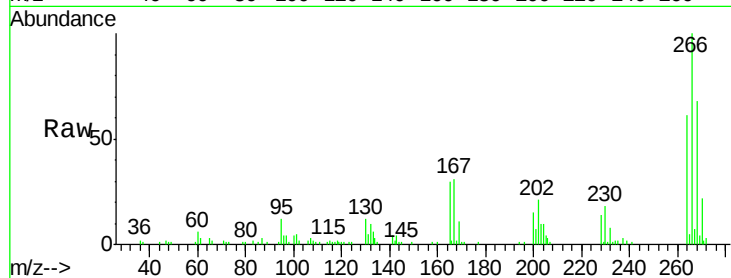
#69
 Pentachlorophenol
 Concen: 42.07 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

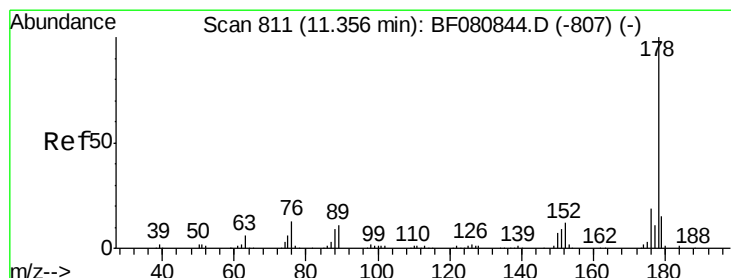
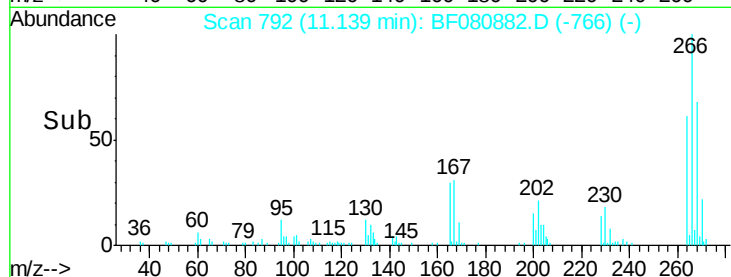
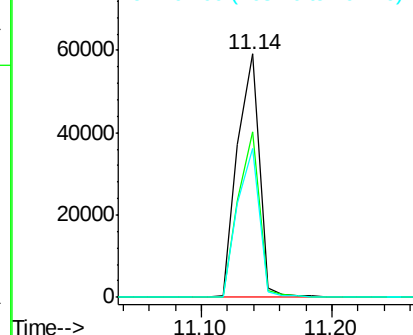
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	52.6	78.8
264	61.4	50.7	76.1

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM

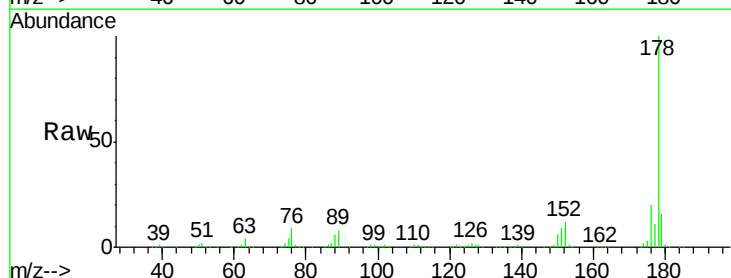


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

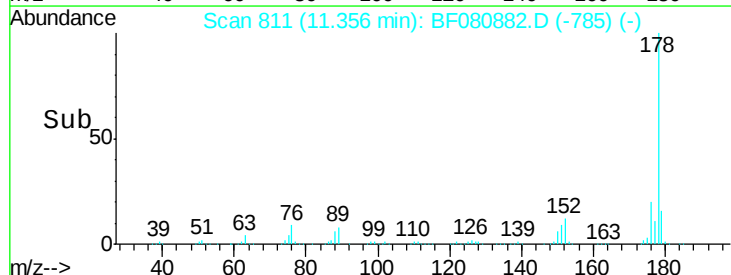
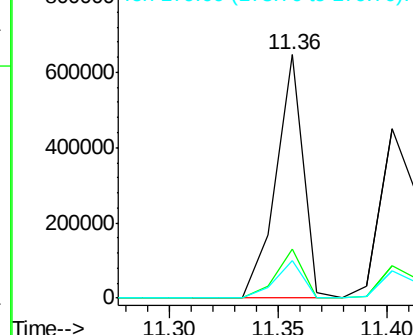


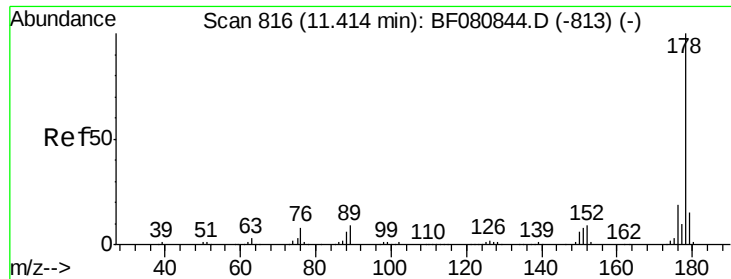
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.6	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





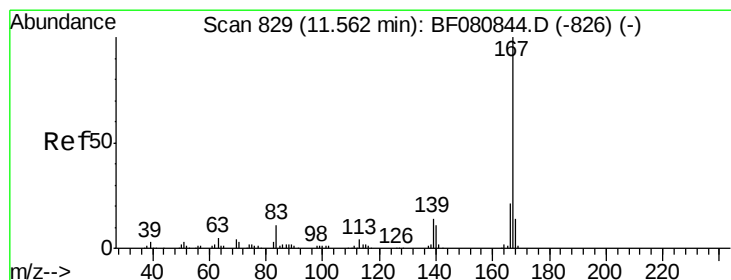
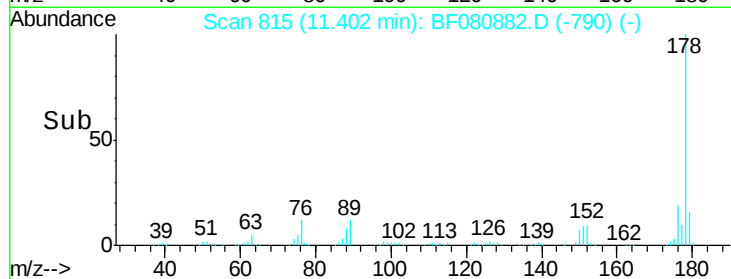
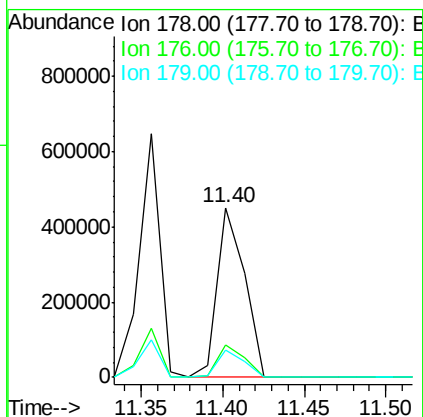
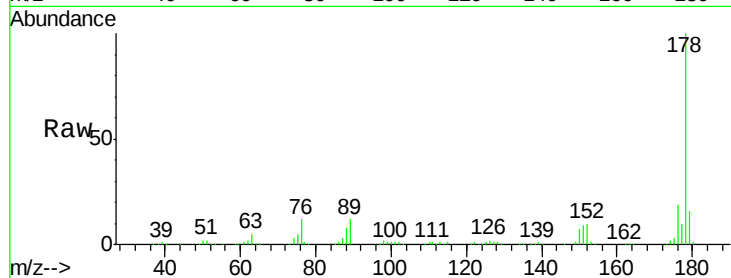
#71
 Anthracene
 Concen: 37.37 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
178	100	523617		
176	19.4		15.4	23.2
179	16.1		12.2	18.4

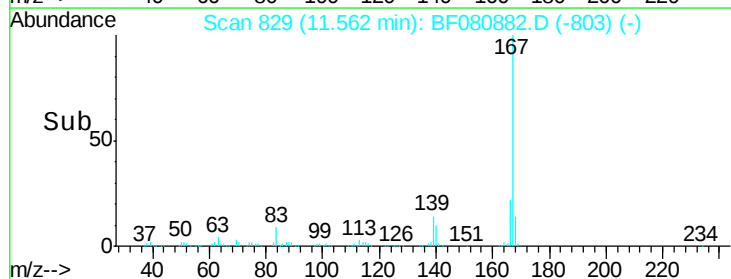
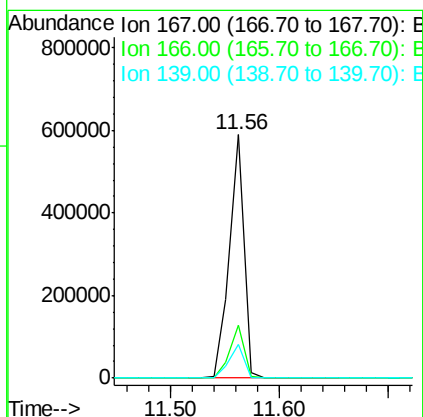
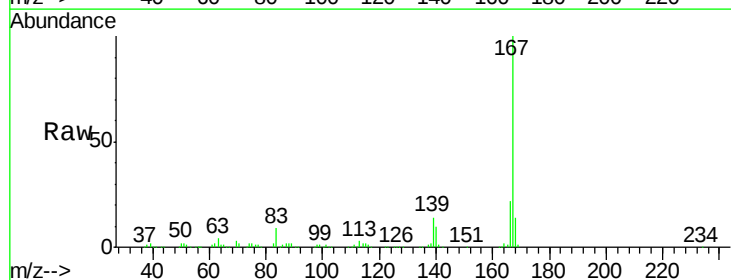
Manual Integrations
 APPROVED

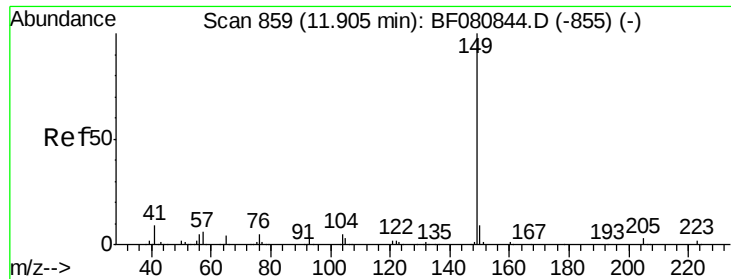
MMDadoda
 8/10/2015 10:13:50 AM



#72
 Carbazole
 Concen: 41.54 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	549098		
166	21.9		16.6	25.0
139	13.8		11.3	16.9





#73

Di-n-butylphthalate

Concen: 40.07 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

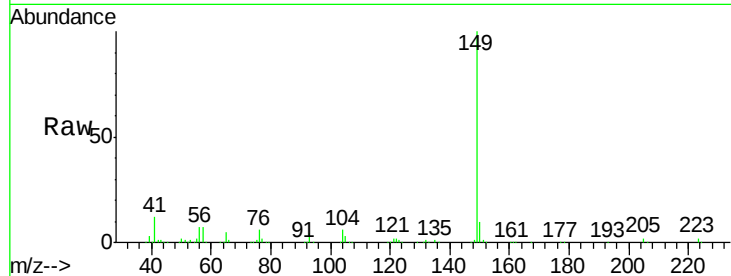
ClientSampleId :

SSTDCCC040

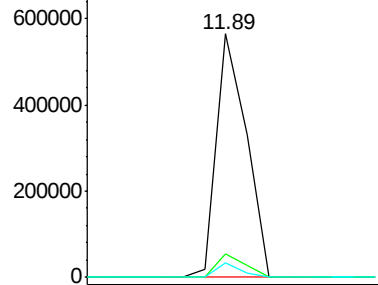
Tot Ion:	149	Resp:	627149
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	5.7	3.9	5.9

Manual Integrations
APPROVED

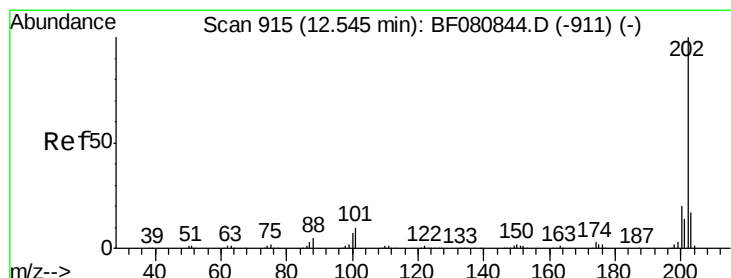
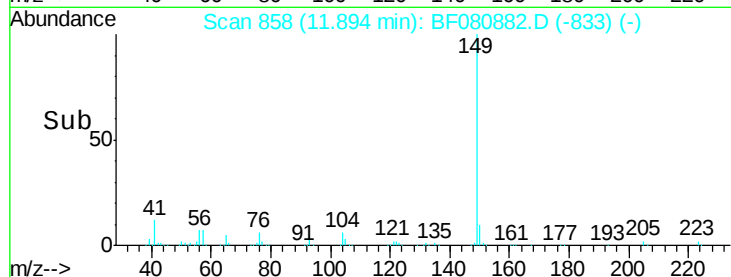
MMDadoda
8/10/2015 10:13:50 AM



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



Time-->



#74

Fluoranthene

Concen: 40.19 ng

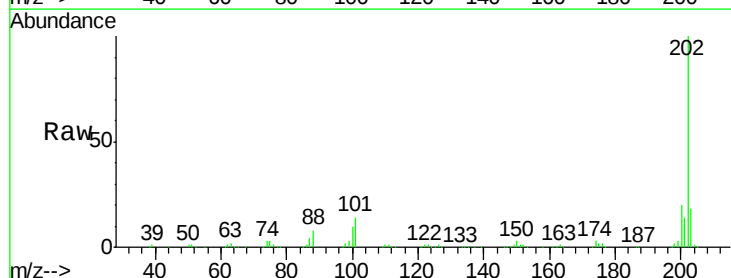
RT: 12.53 min Scan# 914

Delta R.T. -0.01 min

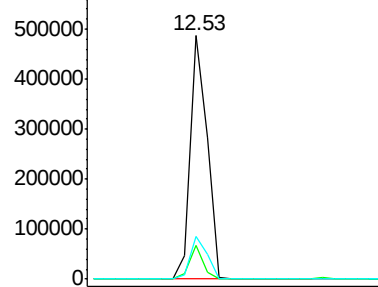
Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

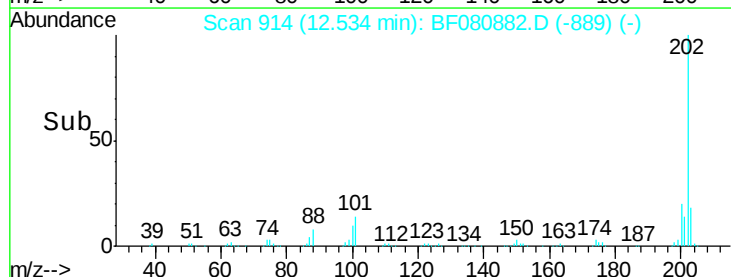
Tgt Ion:	202	Resp:	564531
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	29.9
203	17.7	0.0	37.4

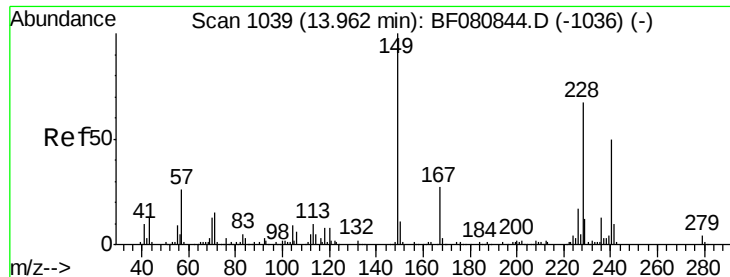


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

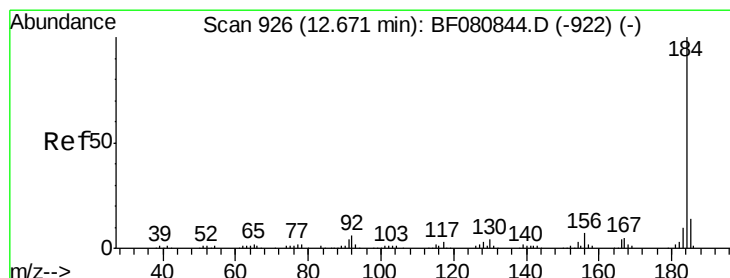
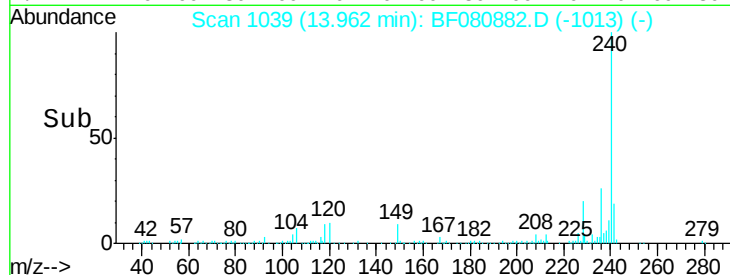
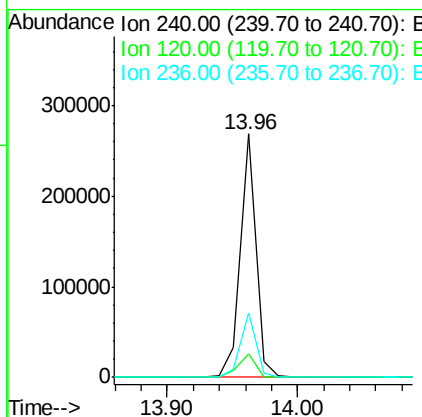
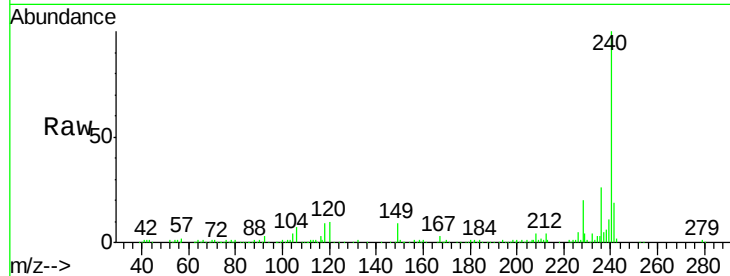
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	220549		
120	9.7	13.0	19.6	
236	26.4	20.7	31.1	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#76

Benzidine

Concen: 29.49 ng

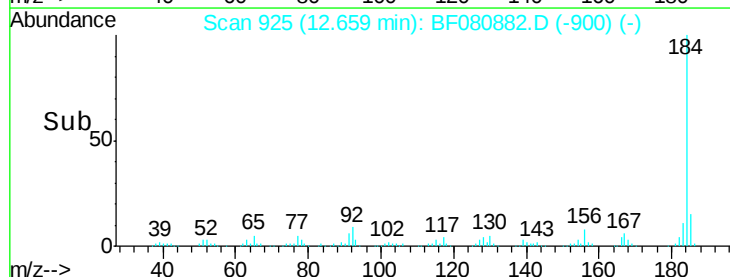
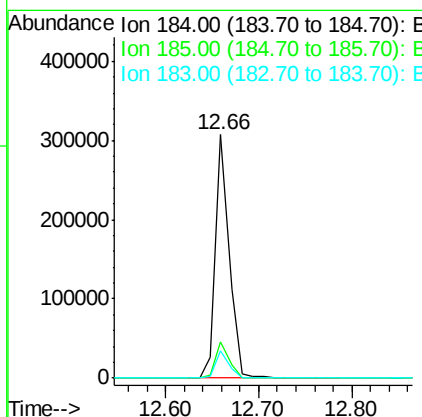
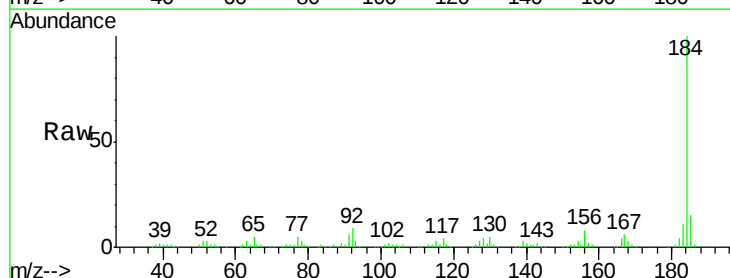
RT: 12.66 min Scan# 925

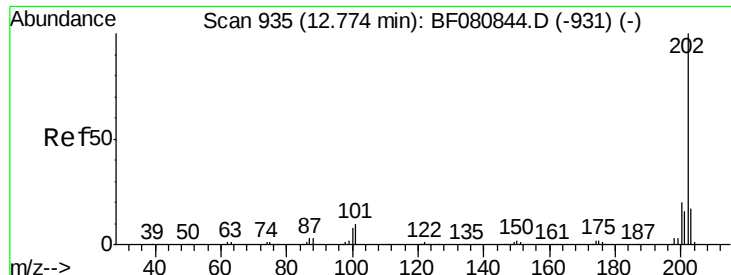
Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	314767		
185	14.9	11.4	17.2	
183	11.2	8.4	12.6	





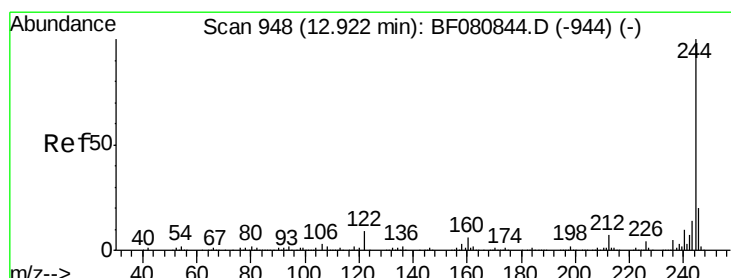
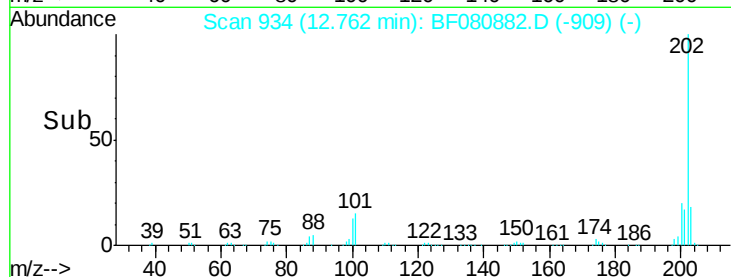
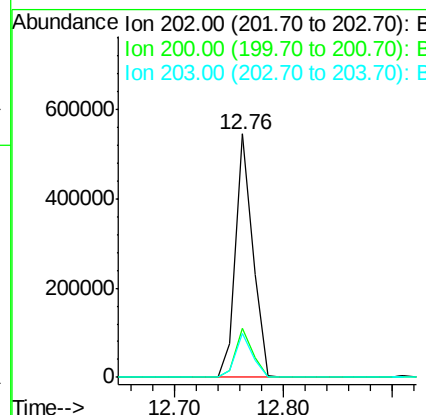
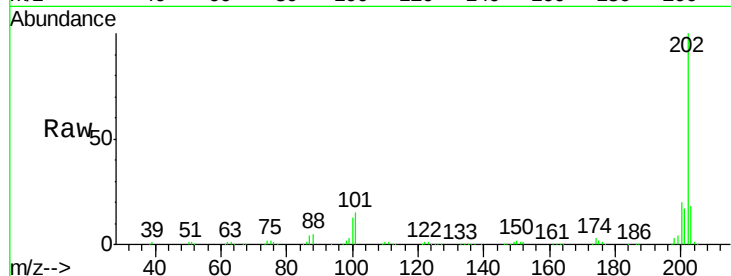
#77
Pvrene
Concen: 29.75 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	16.1	24.1
203	18.0	13.6	20.4

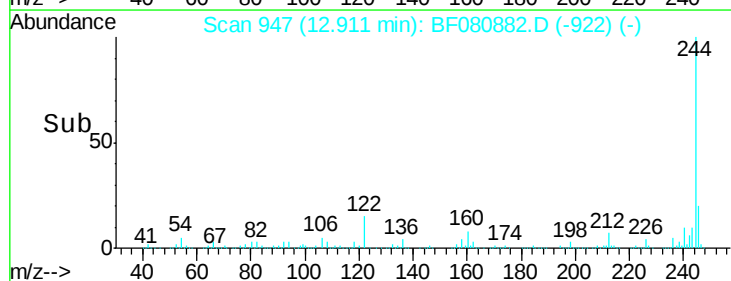
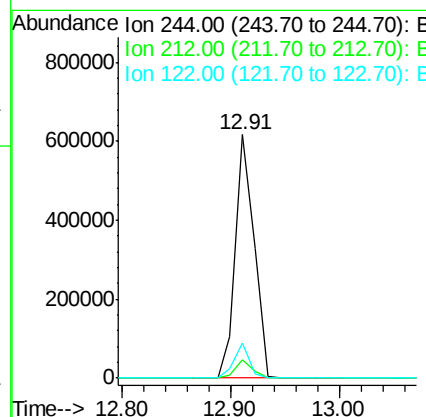
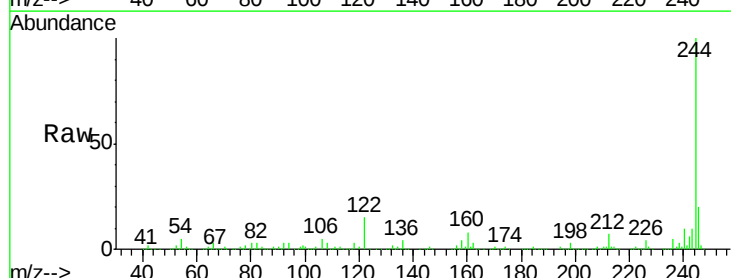
Manual Integrations
APPROVED

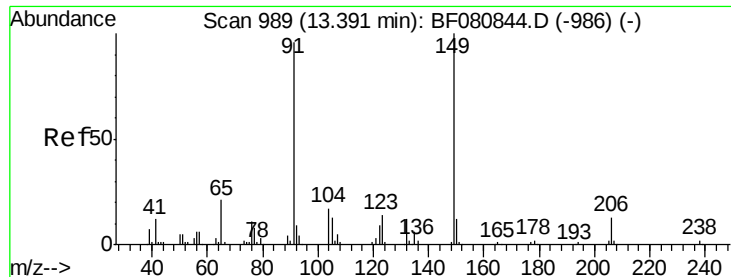
MMDadoda
8/10/2015 10:13:50 AM



#78
Terphenyl-d14
Concen: 59.58 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.5	8.3
122	14.5	7.1	10.7#





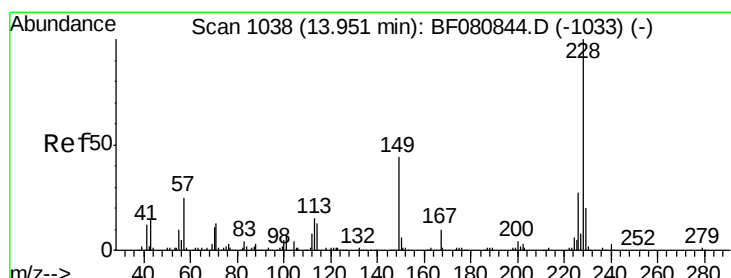
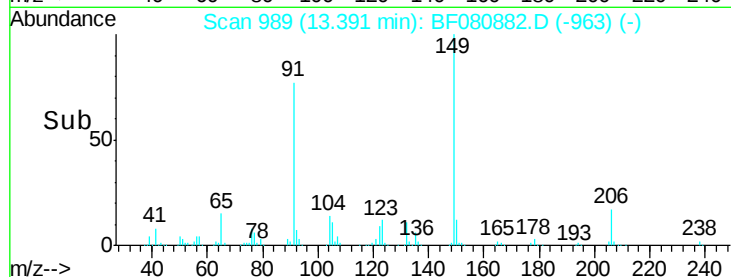
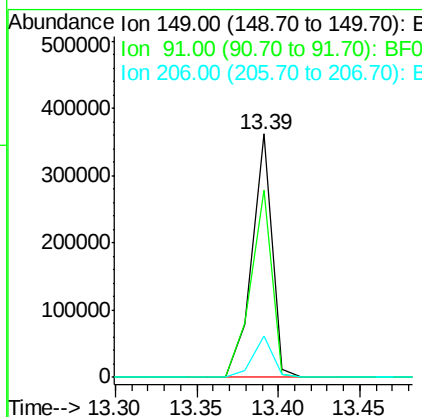
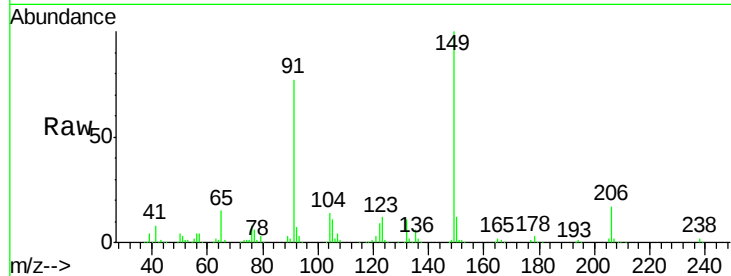
#79
Butylbenzylphthalate
Concen: 38.41 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	310773		
91	76.7		76.4	114.6
206	16.9		10.7	16.1#

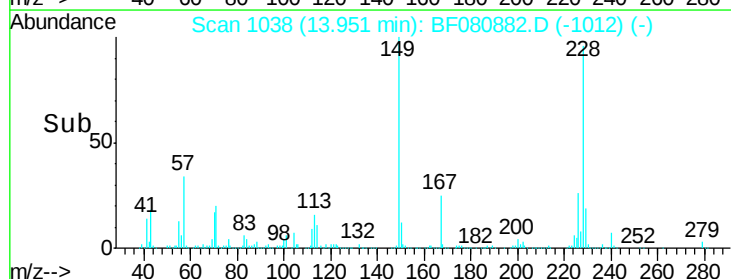
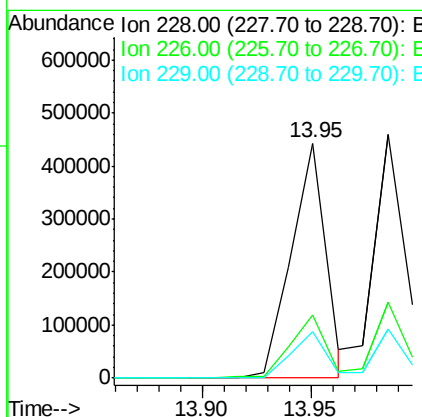
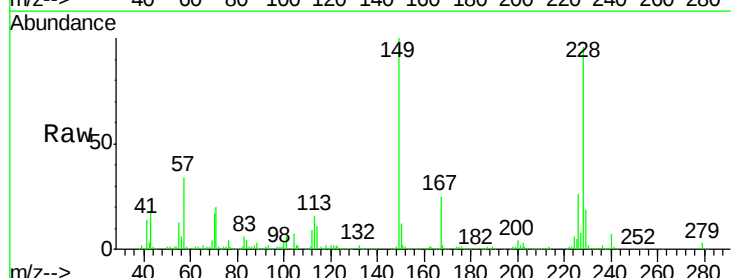
Manual Integrations
APPROVED

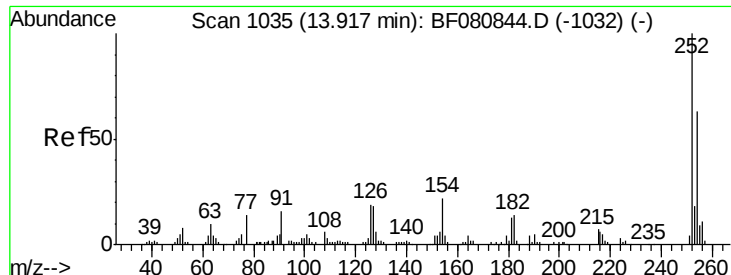
MMDadoda
8/10/2015 10:13:50 AM



#80
Benzo(a)anthracene
Concen: 33.17 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	489339		
226	27.1		21.5	32.3
229	19.8		16.2	24.2





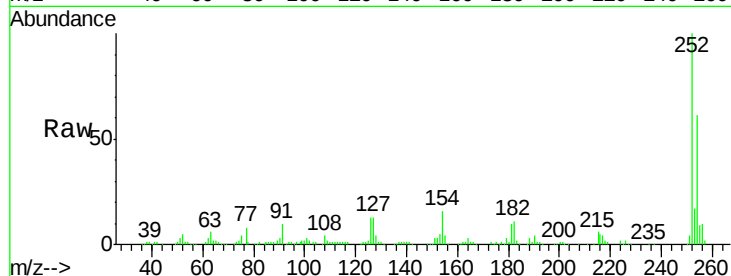
#81
 3,3'-Dichlorobenzidine
 Concen: 35.45 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

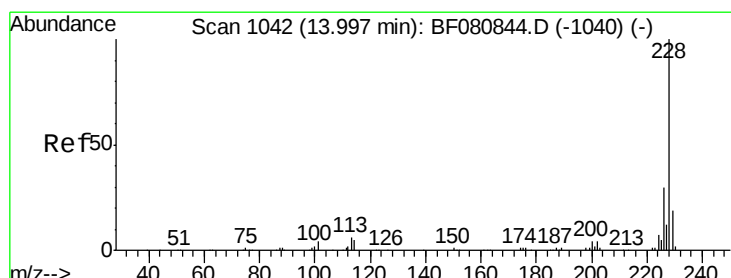
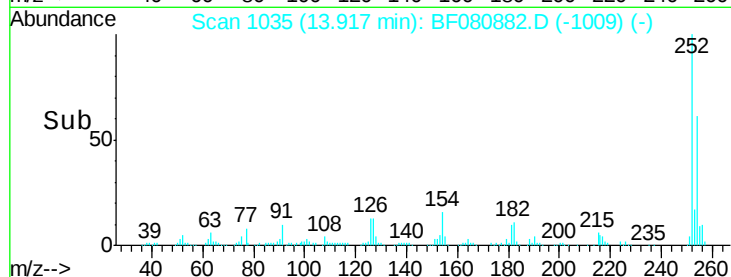
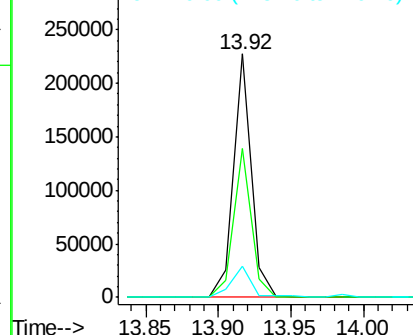
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.1	50.3	75.5
126	12.6	15.1	22.7

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM

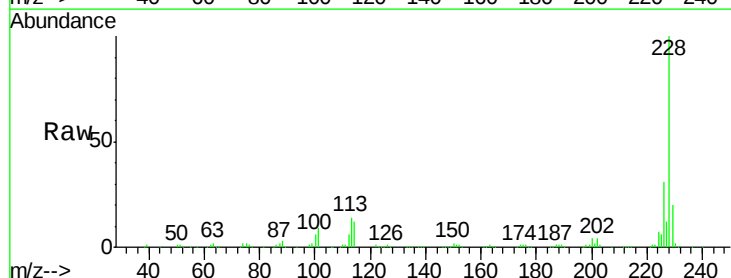


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

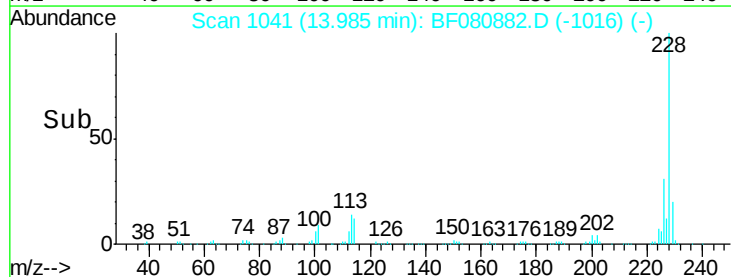
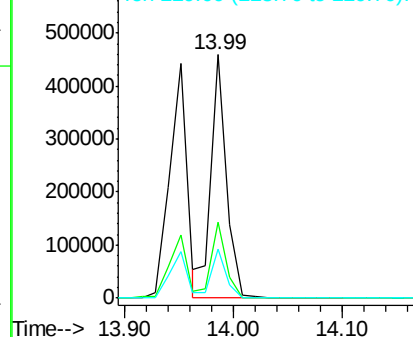


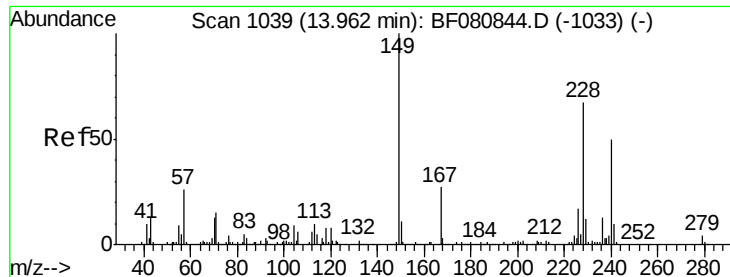
#82
 Chrysene
 Concen: 30.48 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	23.6	35.4
229	20.2	15.1	22.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.81 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 397748

Ion Ratio Lower Upper

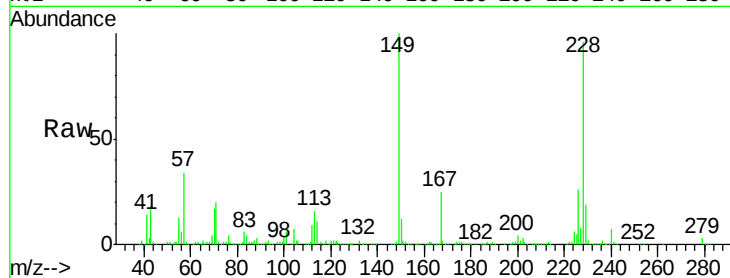
149 100

167 25.5 21.8 32.8

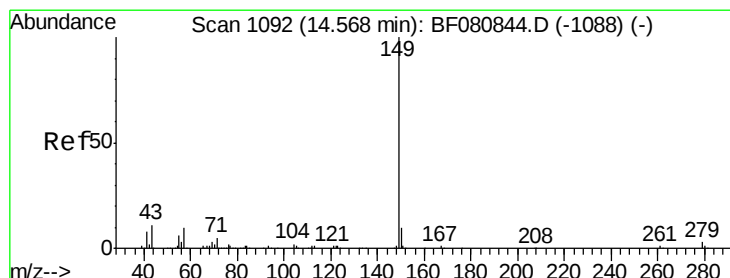
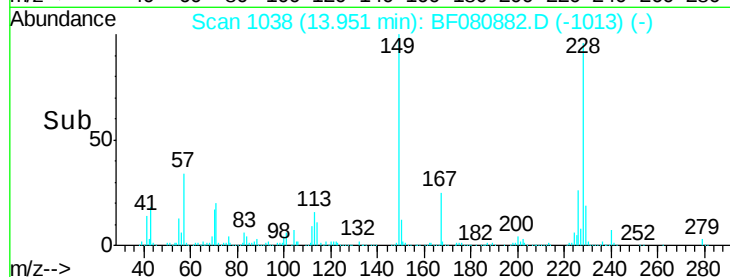
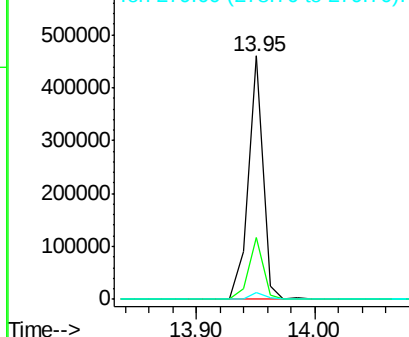
279 2.7 3.0 4.4#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



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



#84

Di-n-octyl phthalate

Concen: 37.85 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

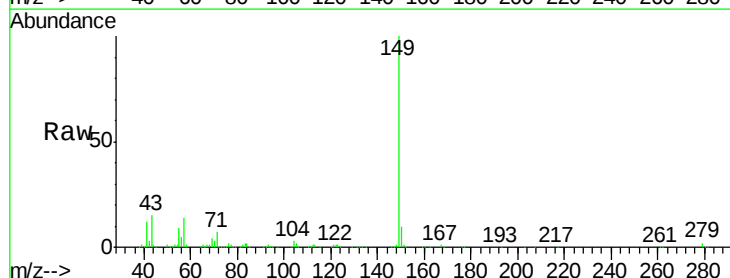
Tgt Ion:149 Resp: 687398

Ion Ratio Lower Upper

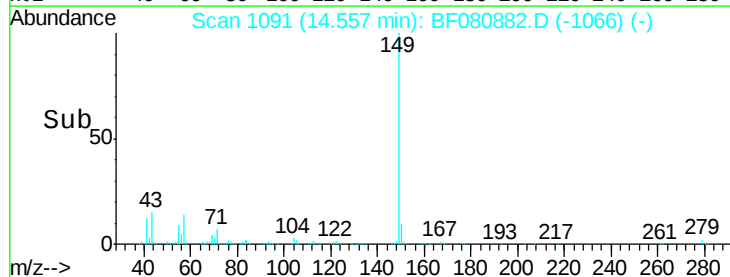
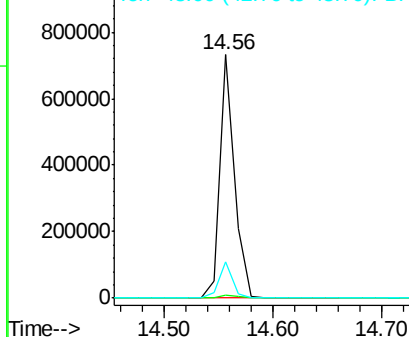
149 100

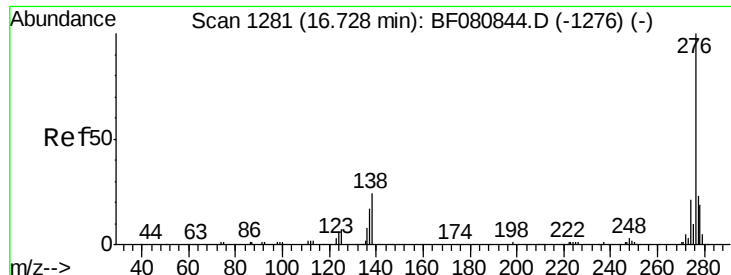
167 1.5 1.1 1.7

43 14.4 10.3 15.5



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





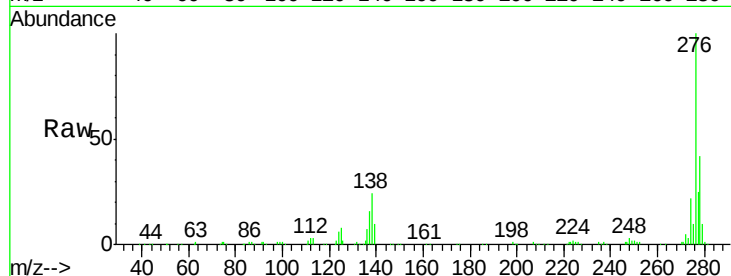
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.72 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

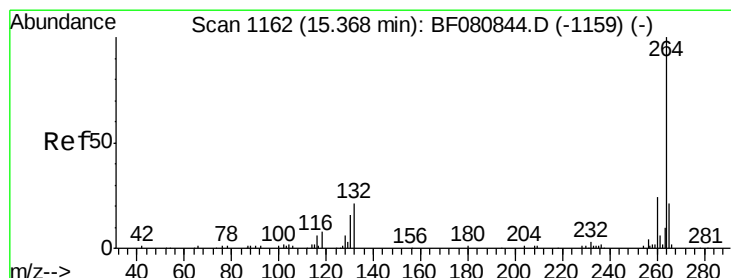
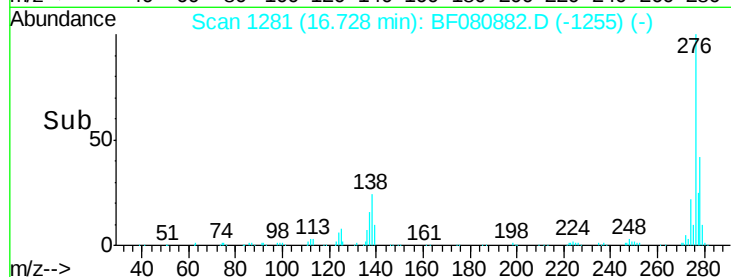
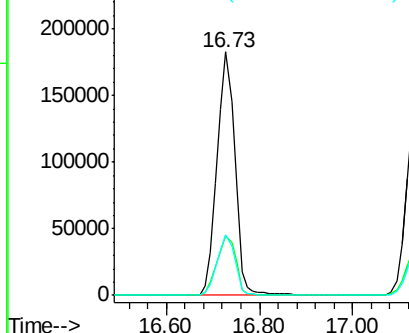
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.6	32.4
277	24.7	19.6	29.4

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM

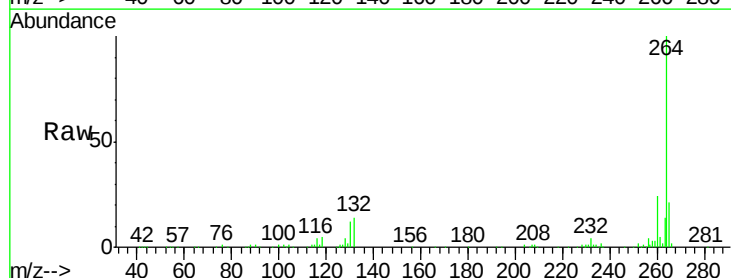


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

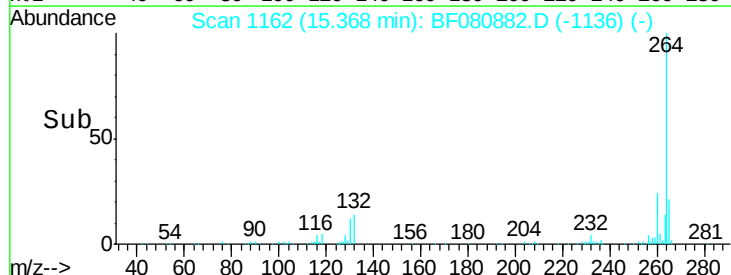
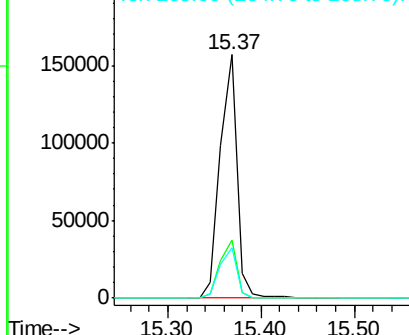


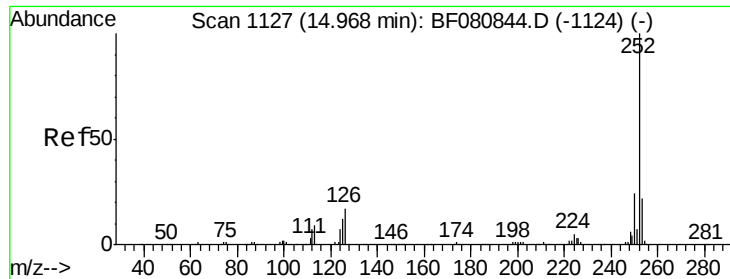
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	20.9	16.8	25.2



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





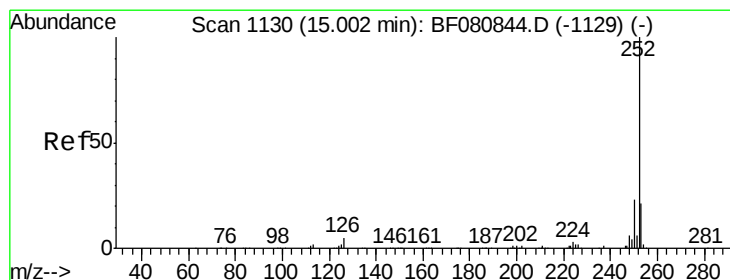
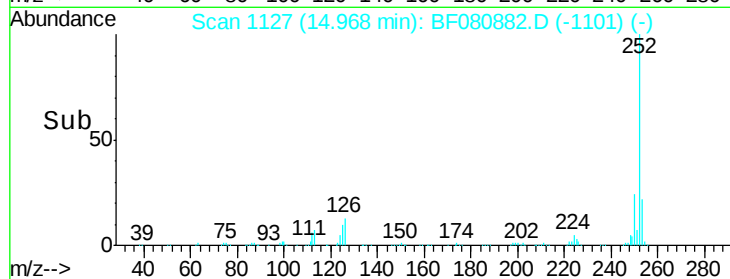
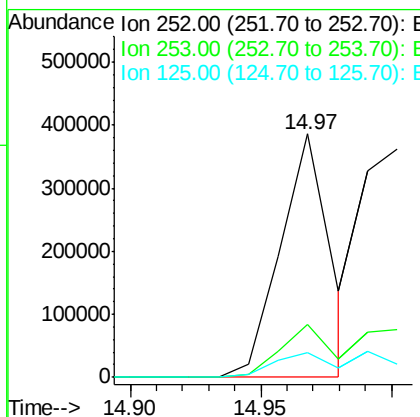
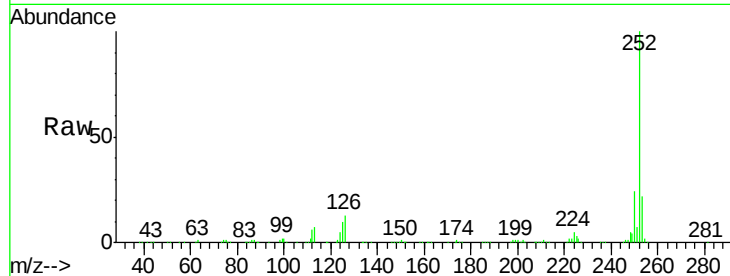
#87
Benzo(b)fluoranthene
Concen: 34.17 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.4	9.8	14.8

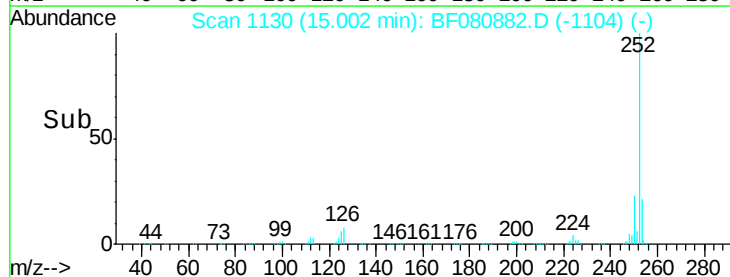
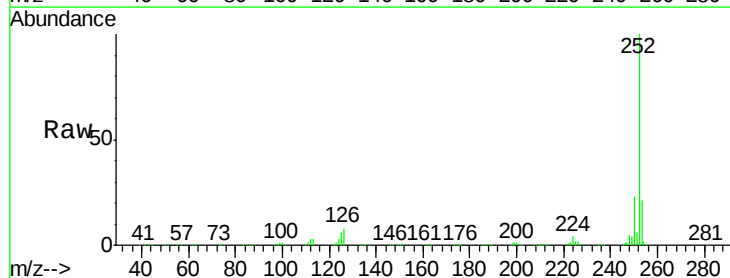
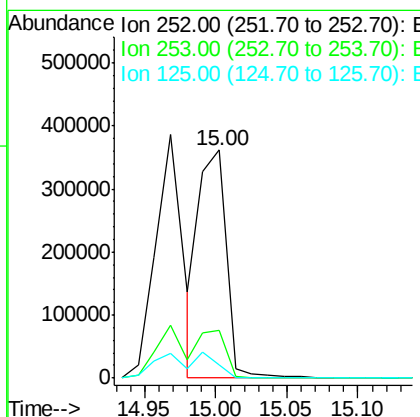
Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



#88
Benzo(k)fluoranthene
Concen: 43.52 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF080882.D
Acq: 6 Aug 2015 10:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.9	25.3
125	5.7	7.0	10.6





#89

Benzo(a)pyrene

Concen: 38.81 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Instrument :

BNA_F

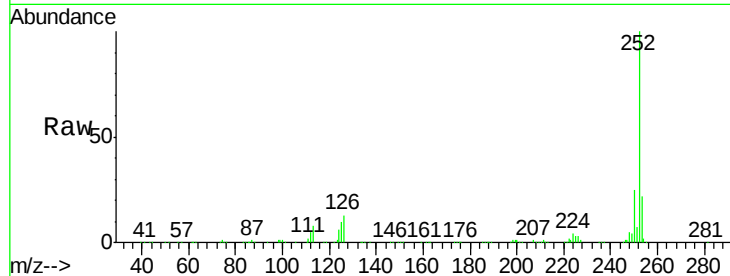
ClientSampleId :

SSTDCCC040

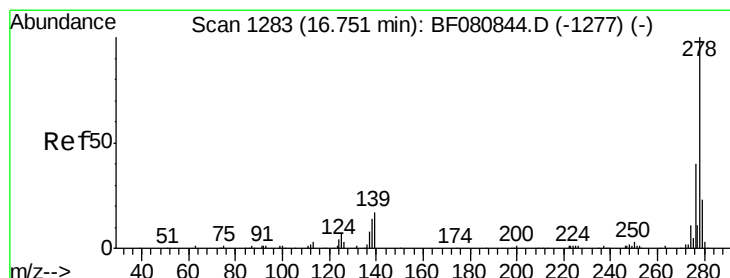
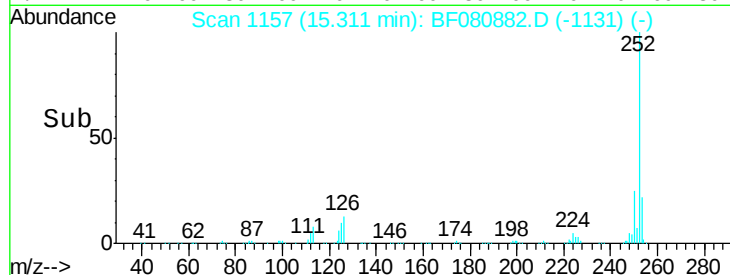
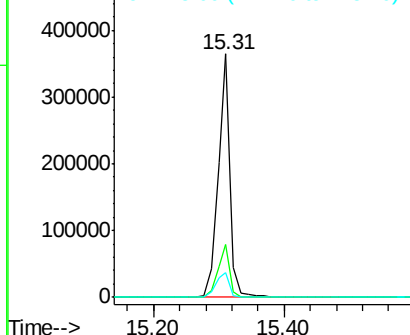
Tot Ion:	252	Resp:	466768
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.3	10.6	16.0#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:13:50 AM



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



#90

Dibenzo(a,h)anthracene

Concen: 38.75 ng

RT: 16.75 min Scan# 1283

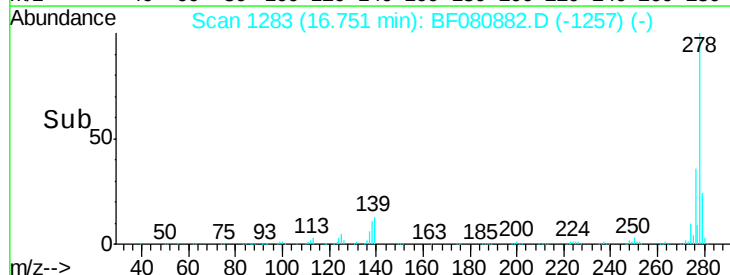
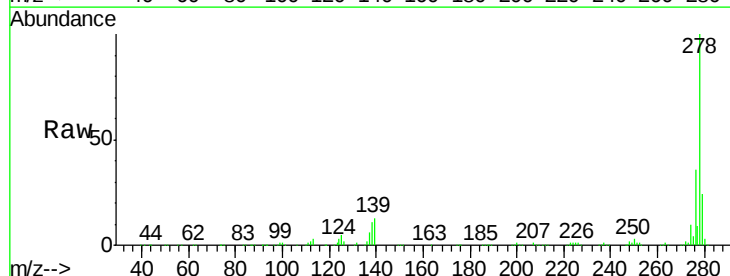
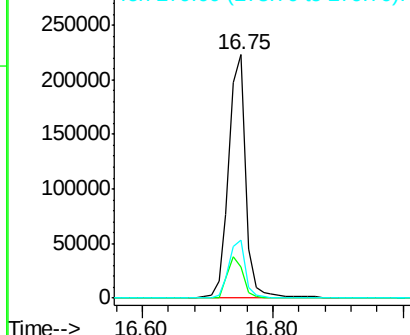
Delta R.T. -0.00 min

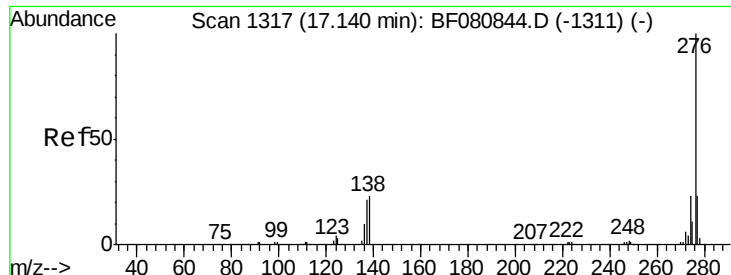
Lab File: BF080882.D

Acq: 6 Aug 2015 10:23

Tgt Ion:	278	Resp:	404922
Ion Ratio		Lower	Upper
278	100		
139	12.8	13.4	20.0#
279	23.9	18.4	27.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





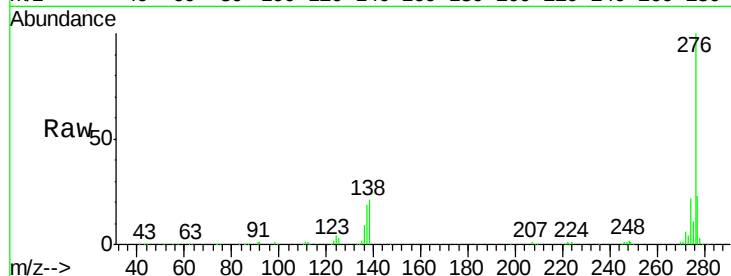
#91
 Benzo(a,h,i)perylene
 Concen: 38.80 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF080882.D
 Acq: 6 Aug 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	391917
Ion Ratio		Lower	Upper
276	100		
277	23.0	18.6	27.8
138	21.4	18.8	28.2

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:13:50 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

