

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082919.D
 Acq On : 14 Nov 2015 2:48
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:07 PM

Quant Time: Nov 14 05:56:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	204785	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	770720	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	354102	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	638140	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	416426	20.00	ng	-0.05
86) Perylene-d12	15.39	264	454995	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	981374	74.56	ng	-0.02
7) Phenol-d6	6.46	99	1224205	69.97	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1284304	72.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	287933	70.92	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1844796	74.67	ng	-0.05
78) Terphenyl-d14	12.92	244	1444382	82.27	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	235208	41.42	ng	96
3) Pyridine	3.07	79	663346	40.25	ng	91
4) n-Nitrosodimethylamine	3.00	42	307513	37.63	ng	# 73
6) Aniline	6.48	93	890951	36.27	ng	# 1
8) 2-Chlorophenol	6.60	128	562847	38.58	ng	96
9) Benzaldehyde	6.35	77	369921	38.27	ng	83
10) Phenol	6.48	94	644157	32.44	ng	88
11) bis(2-Chloroethyl)ether	6.54	93	575471	38.76	ng	90
12) 1,3-Dichlorobenzene	6.75	146	632864	38.46	ng	# 85
13) 1,4-Dichlorobenzene	6.83	146	610143m	35.64	ng	
14) 1,2-Dichlorobenzene	6.98	146	565835	36.34	ng	97
15) Benzyl Alcohol	6.96	79	468447	30.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	831196	38.17	ng	75
17) 2-Methylphenol	7.08	107	437244	35.38	ng	96
18) Hexachloroethane	7.32	117	169328	27.65	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	412627	32.08	ng	90
20) 3+4-Methylphenols	7.24	107	607793	37.83	ng	# 58
22) Acetophenone	7.22	105	776787	35.17	ng	# 97
24) Nitrobenzene	7.39	77	565773	31.23	ng	89
25) Isophorone	7.64	82	1220113	37.23	ng	# 94
26) 2-Nitrophenol	7.71	139	271340	35.89	ng	# 74
27) 2,4-Dimethylphenol	7.77	122	509695	37.52	ng	91
28) bis(2-Chloroethoxy)methane	7.85	93	648514	35.08	ng	97
29) 2,4-Dichlorophenol	7.96	162	436866	35.58	ng	88
30) 1,2,4-Trichlorobenzene	8.04	180	511443	37.04	ng	94
31) Naphthalene	8.12	128	1590501	37.40	ng	99
32) Benzoic acid	7.90	122	402806	43.31	ng	# 73
33) 4-Chloroaniline	8.17	127	653507	35.66	ng	93
34) Hexachlorobutadiene	8.25	225	286836	33.19	ng	98
35) Caprolactam	8.56	113	141625	36.59	ng	# 87
36) 4-Chloro-3-methylphenol	8.67	107	522183	36.16	ng	# 80
37) 2-Methylnaphthalene	8.81	142	926745	33.69	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	471650	40.53	ng	97
42) 2,4,6-Trichlorophenol	9.09	196	315880	36.37	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082919.D
 Acq On : 14 Nov 2015 2:48
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

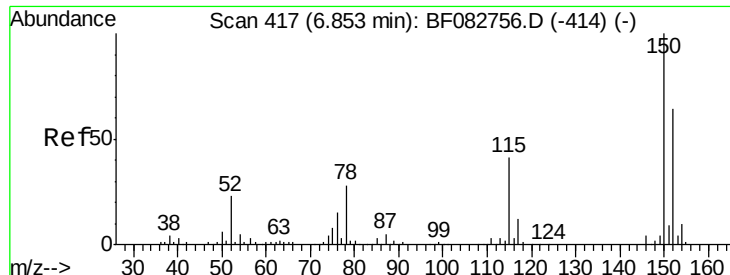
Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:07 PM

Quant Time: Nov 14 05:56:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	328770	38.27	ng	94
45) 1,1'-Biphenyl	9.28	154	1143441	37.63	ng	96
46) 2-Chloronaphthalene	9.30	162	917024	38.69	ng	98
47) 2-Nitroaniline	9.39	65	333977	37.99	ng	88
48) Acenaphthylene	9.71	152	1361232	36.65	ng	99
49) Dimethylphthalate	9.58	163	1239588	42.73	ng	99
50) 2,6-Dinitrotoluene	9.64	165	267384	43.19	ng	# 78
51) Acenaphthene	9.88	154	827611	35.15	ng	100
52) 3-Nitroaniline	9.81	138	299195	43.95	ng	# 60
53) 2,4-Dinitrophenol	9.90	184	36379	10.70	ng	# 28
54) Dibenzofuran	10.05	168	1168369	36.81	ng	93
55) 4-Nitrophenol	9.98	139	182990	35.04	ng	85
56) 2,4-Dinitrotoluene	10.04	165	344264	40.99	ng	87
57) Fluorene	10.40	166	890583	34.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	242249	34.55	ng	92
59) Diethylphthalate	10.28	149	1123613	39.67	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	506721	39.40	ng	99
61) 4-Nitroaniline	10.42	138	244779	35.75	ng	# 76
62) Azobenzene	10.56	77	1265888	41.60	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	80311	17.67	ng	81
65) n-Nitrosodiphenylamine	10.51	169	843656	36.60	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	288913	37.60	ng	97
67) Hexachlorobenzene	10.96	284	309582	36.08	ng	# 56
68) Atrazine	11.05	200	291269	40.86	ng	97
69) Pentachlorophenol	11.15	266	163764	31.43	ng	97
70) Phenanthrene	11.36	178	1256461	33.90	ng	99
71) Anthracene	11.41	178	1490726	38.19	ng	98
72) Carbazole	11.56	167	1159891	33.94	ng	97
73) Di-n-butylphthalate	11.90	149	1670462	39.24	ng	99
74) Fluoranthene	12.54	202	1214827	30.55	ng	99
76) Benzidine	12.67	184	568803	40.76	ng	99
77) Pyrene	12.77	202	1203445	42.08	ng	98
79) Butylbenzylphthalate	13.40	149	593311	46.96	ng	# 82
80) Benzo(a)anthracene	13.96	228	960625	36.89	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	373282	40.32	ng	# 97
82) Chrysene	14.00	228	938702	39.36	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	732295	42.35	ng	99
84) Di-n-octyl phthalate	14.58	149	1309125	45.39	ng	97
85) Indeno(1,2,3-cd)pyrene	16.76	276	940390	45.78	ng	# 94
87) Benzo(b)fluoranthene	14.99	252	1126440m	38.57	ng	
88) Benzo(k)fluoranthene	15.01	252	791388m	30.55	ng	
89) Benzo(a)pyrene	15.33	252	952825	37.66	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	791594	36.94	ng	# 95
91) Benzo(g,h,i)perylene	17.17	276	703087	34.26	ng	# 95

(#) = 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. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

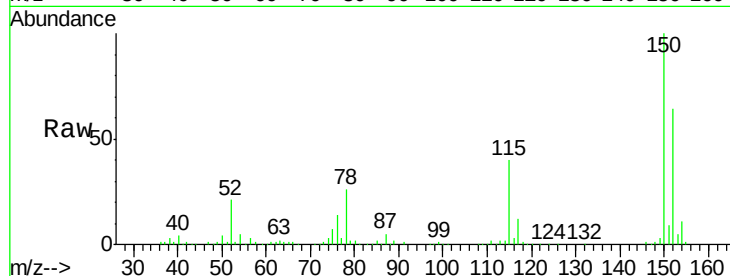
ClientSampleId :

SSTDCCC040

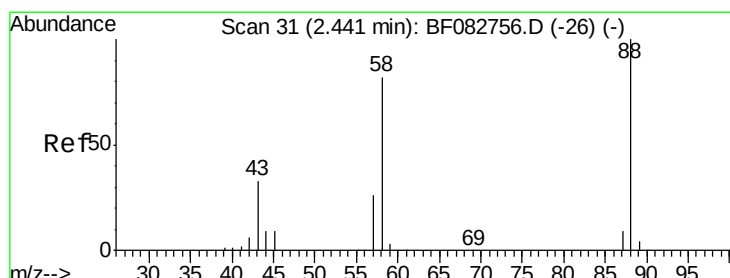
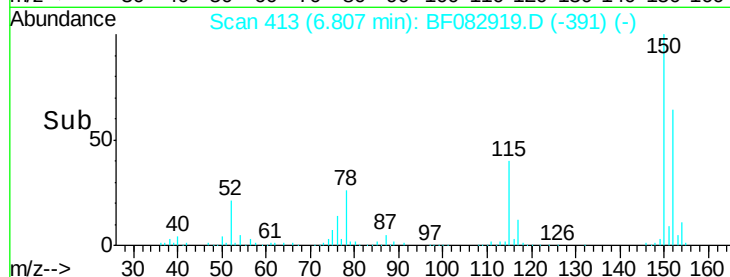
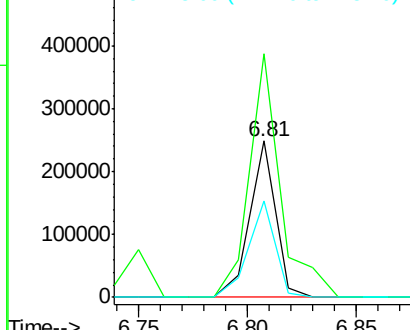
Tgt Ion:	152	Resp:	204785
Ion Ratio	Lower	Upper	
152	100		
150	156.1	127.0	190.4
115	62.1	47.0	70.6

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



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



#2

1,4-Dioxane

Concen: 41.42 ng

RT: 2.35 min Scan# 23

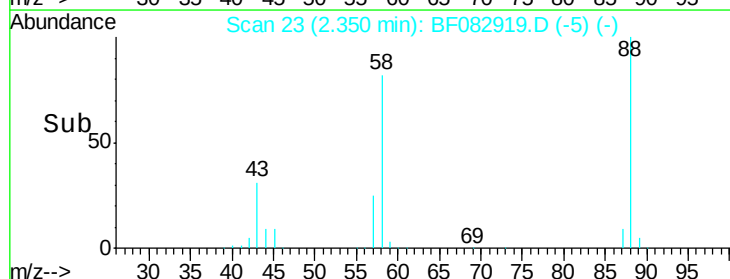
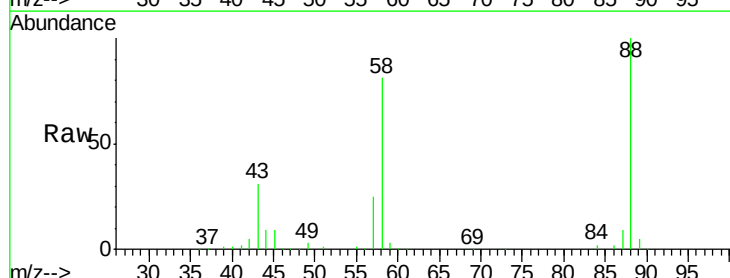
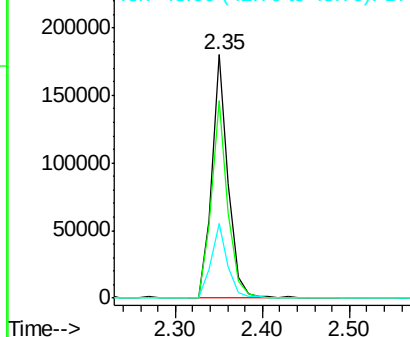
Delta R.T. -0.09 min

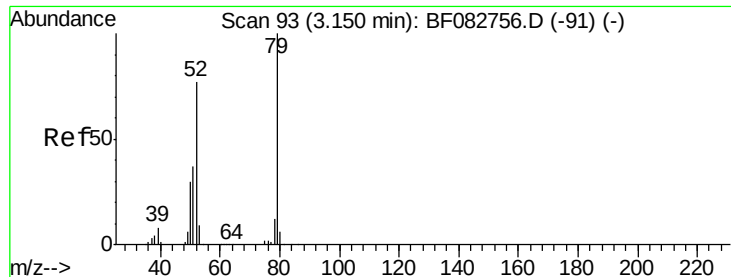
Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	88	Resp:	235208
Ion Ratio	Lower	Upper	
88	100		
58	81.6	62.0	93.0
43	32.0	26.6	40.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





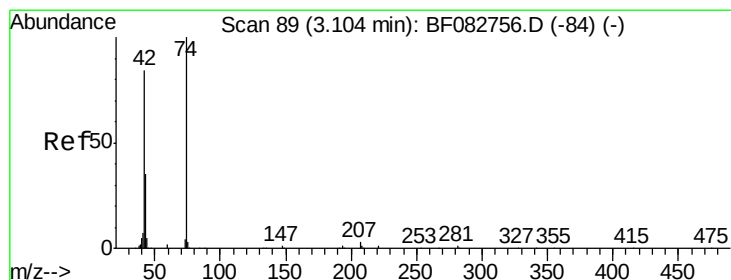
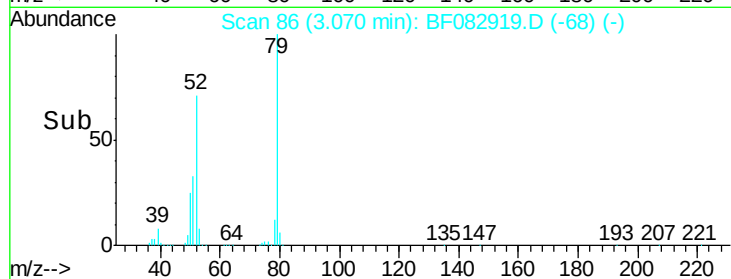
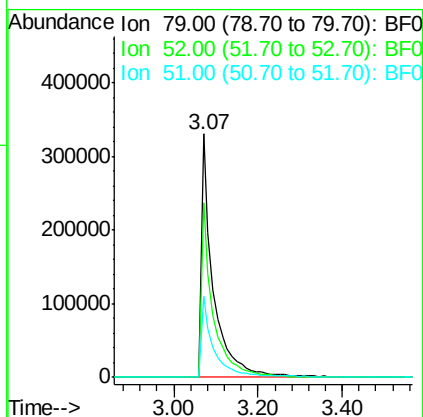
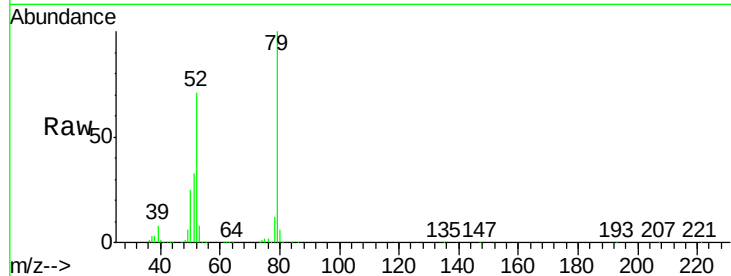
#3
 Pyridine
 Concen: 40.25 ng
 RT: 3.07 min Scan# 86
 Delta R.T. -0.09 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	71.5	62.8	94.2
51	33.3	32.0	48.0

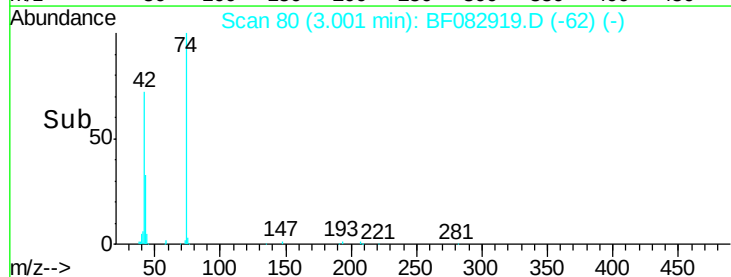
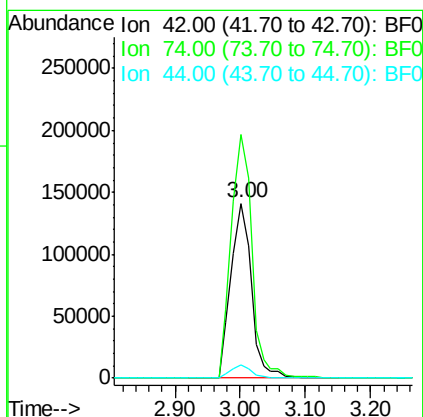
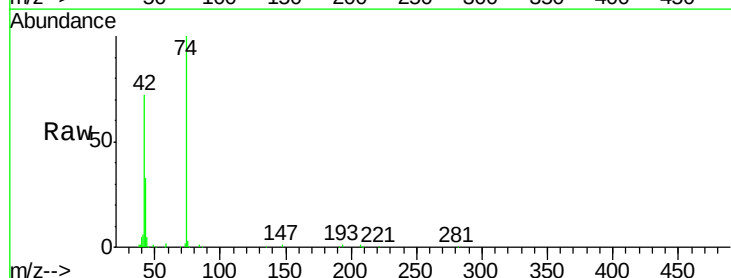
Manual Integrations
 APPROVED

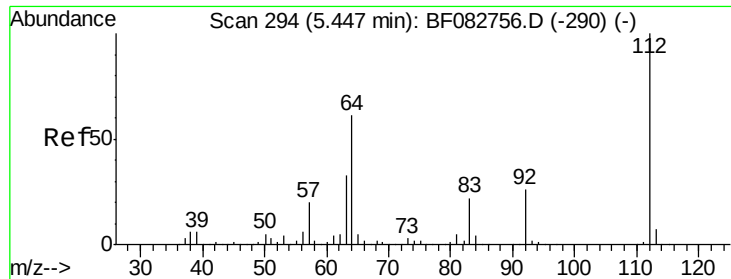
Mmdadoda
 11/16/2015 12:44:07 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.63 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.09 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.1	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 74.56 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

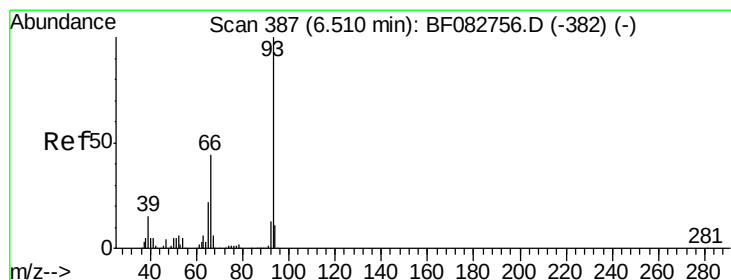
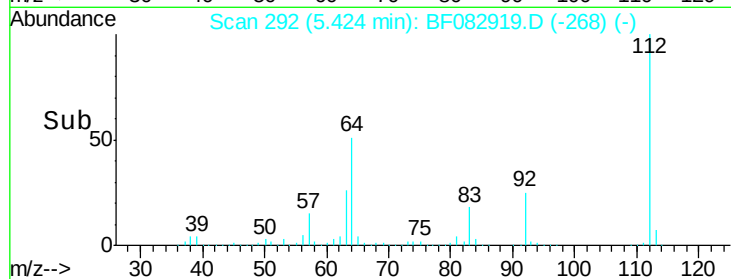
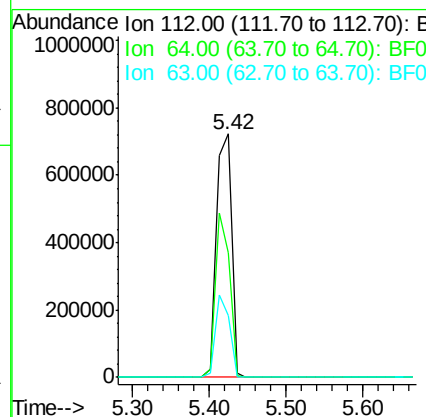
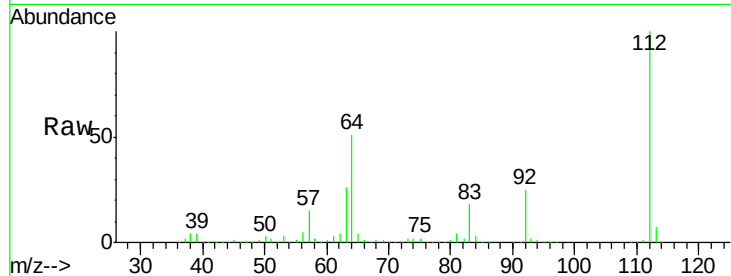
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	981374
Ion Ratio	Lower	Upper	
112	100		
64	51.4	48.9	73.3
63	25.6	28.1	42.1#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#6

Aniline

Concen: 36.27 ng

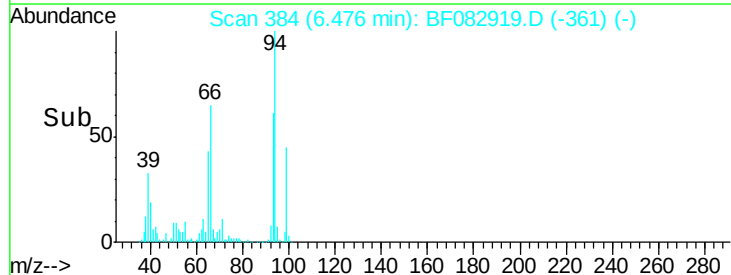
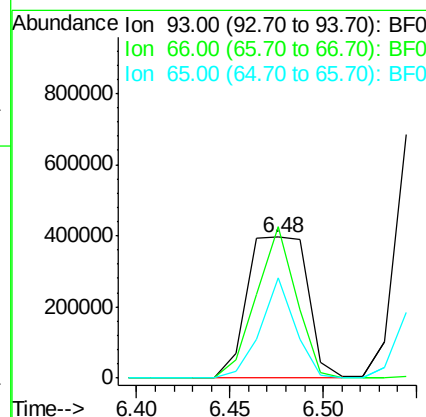
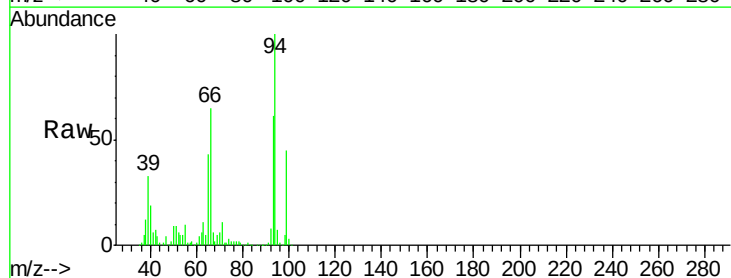
RT: 6.48 min Scan# 384

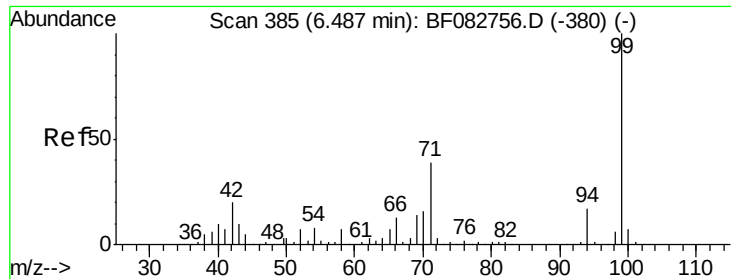
Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	93	Resp:	890951
Ion Ratio	Lower	Upper	
93	100		
66	107.1	33.6	50.4#
65	71.1	18.1	27.1#





#7

Phenol-d6

Concen: 69.97 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1224205

Ion Ratio Lower Upper

99 100

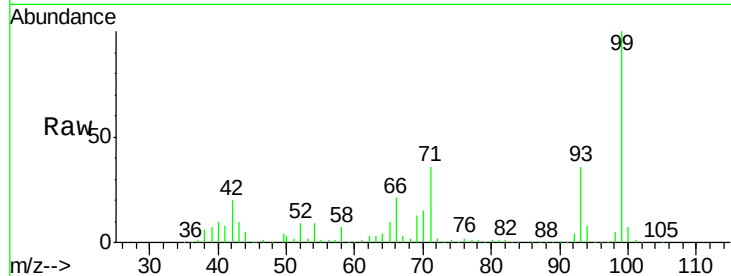
42 19.8 19.2 28.8

71 35.9 35.0 52.4

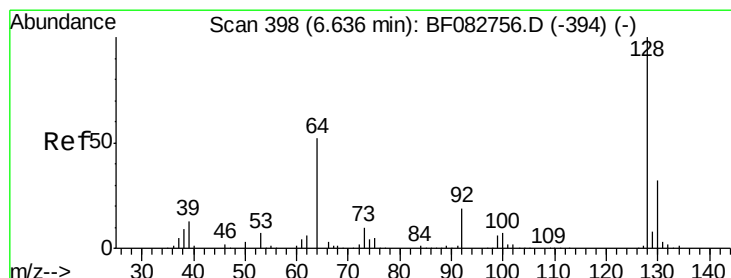
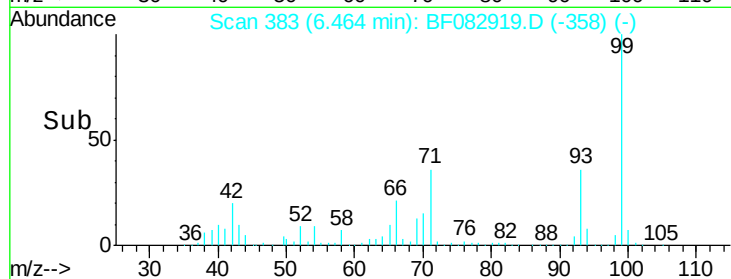
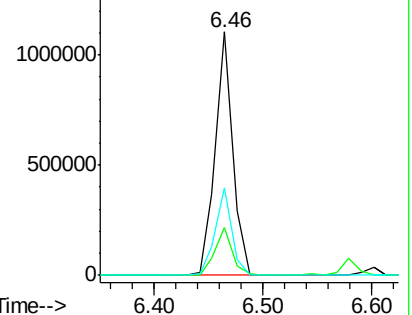
Manual Integrations
APPROVED

Mmdadoda

11/16/2015 12:44:07 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.58 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

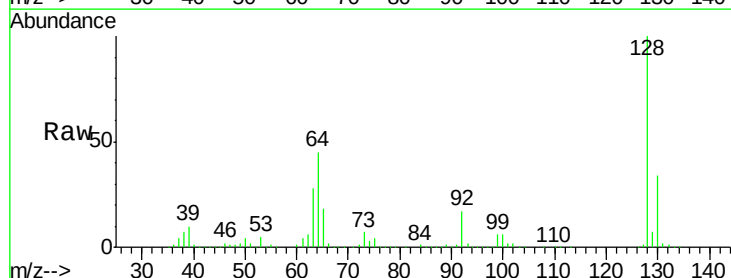
Tgt Ion: 128 Resp: 562847

Ion Ratio Lower Upper

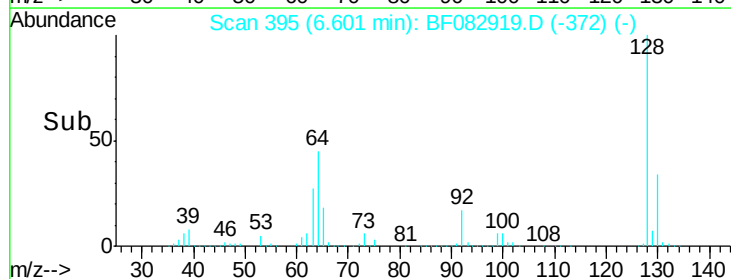
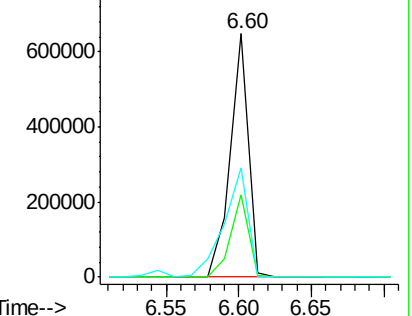
128 100

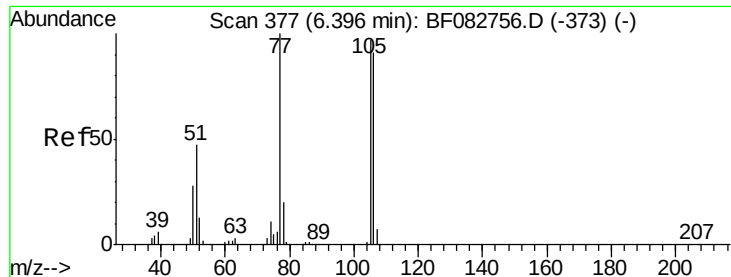
130 34.0 13.5 53.5

64 44.9 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.27 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.04 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

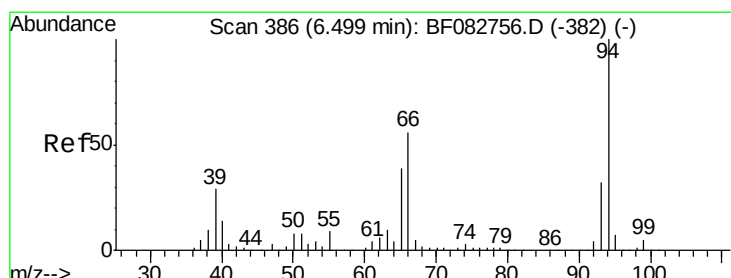
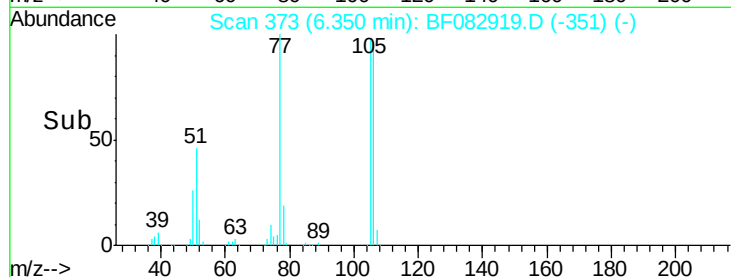
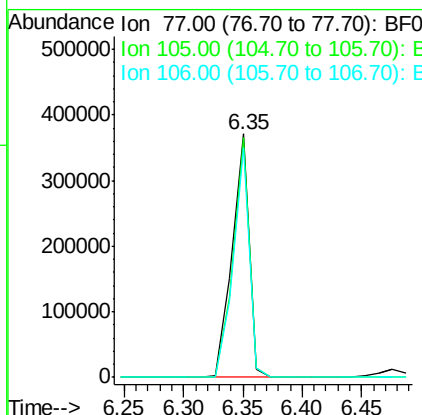
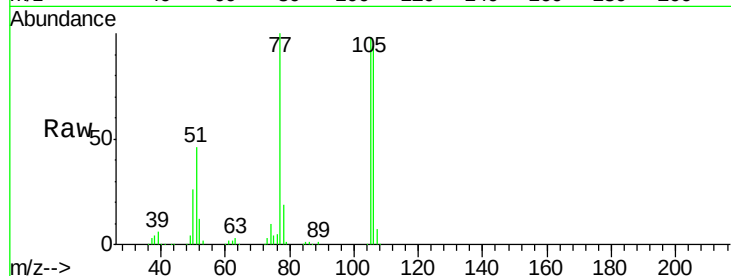
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	369921
Ion Ratio	Lower	Upper	
77	100		
105	98.3	63.5	103.5
106	94.2	59.3	99.3

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#10

Phenol

Concen: 32.44 ng

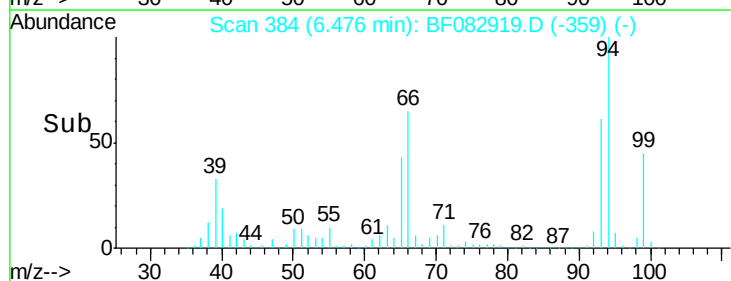
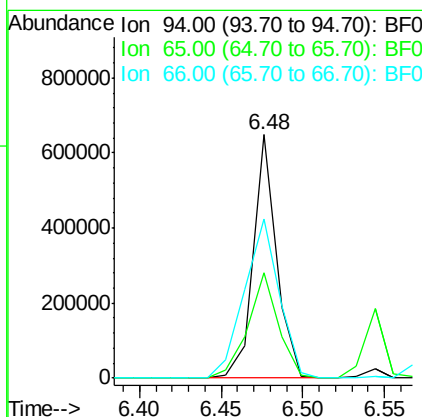
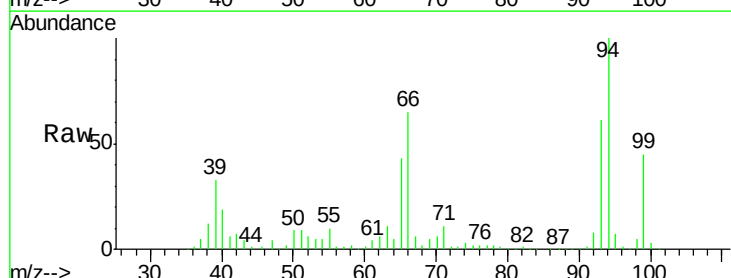
RT: 6.48 min Scan# 384

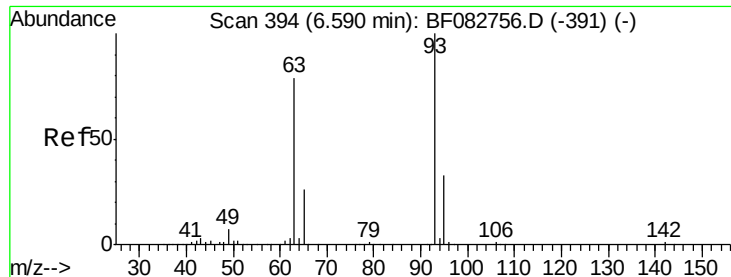
Delta R.T. -0.01 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	94	Resp:	644157
Ion Ratio	Lower	Upper	
94	100		
65	43.5	18.9	58.9
66	65.5	34.9	74.9





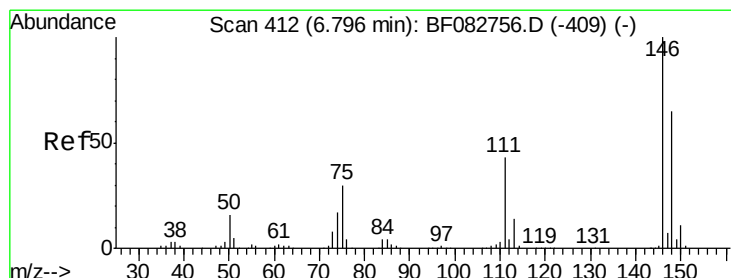
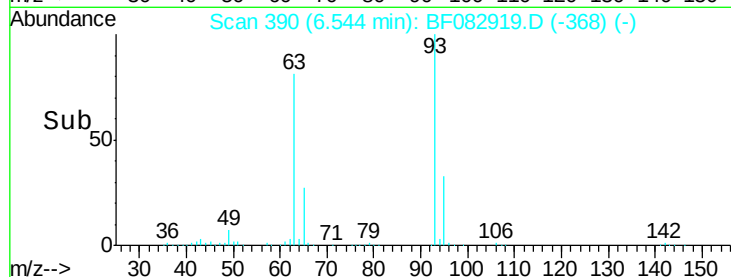
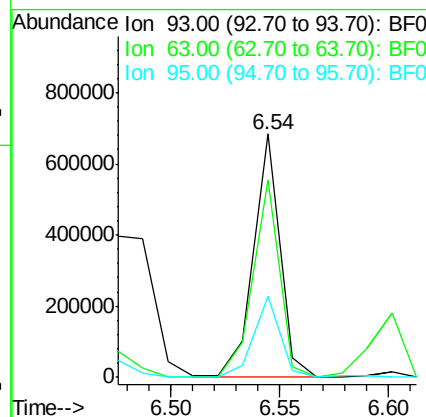
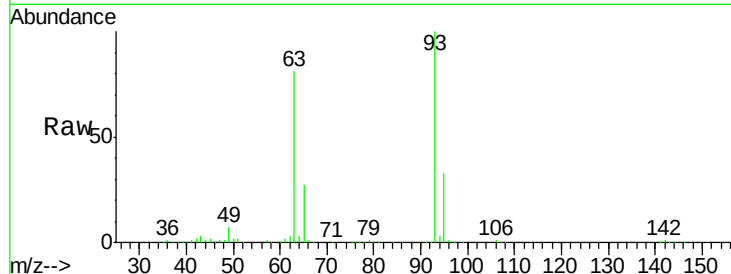
#11
bis(2-Chloroethyl)ether
Concen: 38.76 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.0	72.7	112.7
95	33.1	12.0	52.0

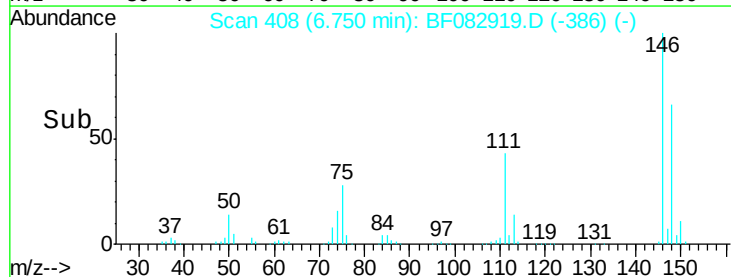
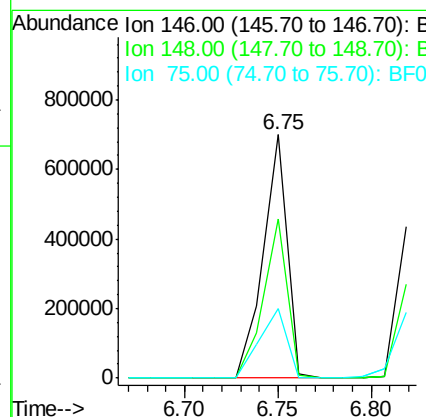
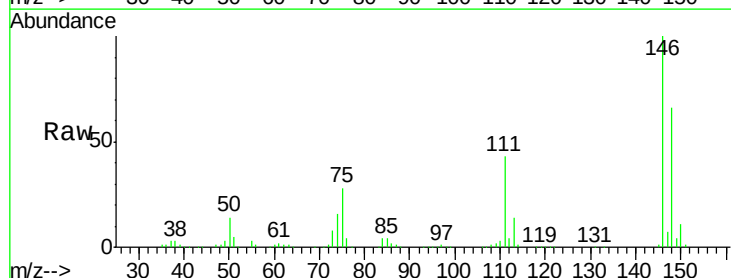
Manual Integrations
APPROVED

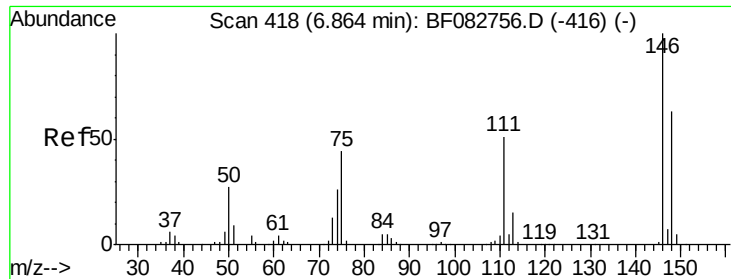
Mmdadoda
11/16/2015 12:44:07 PM



#12
1,3-Dichlorobenzene
Concen: 38.46 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.5	75.7
75	28.5	39.5	59.3





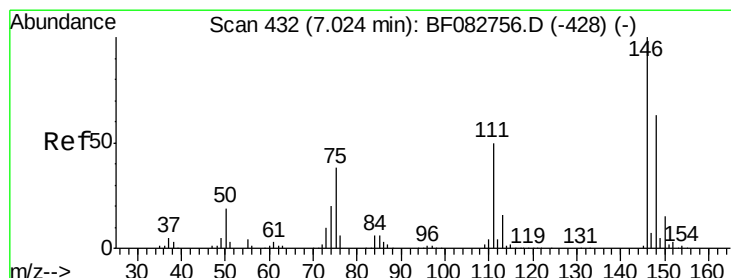
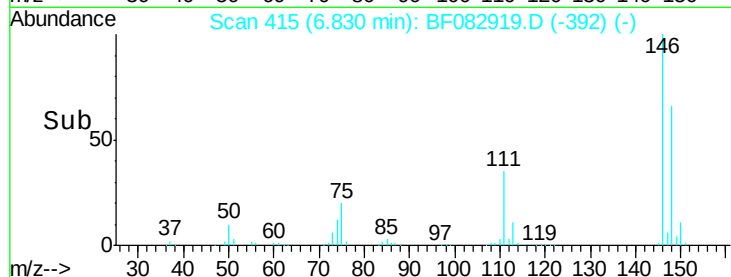
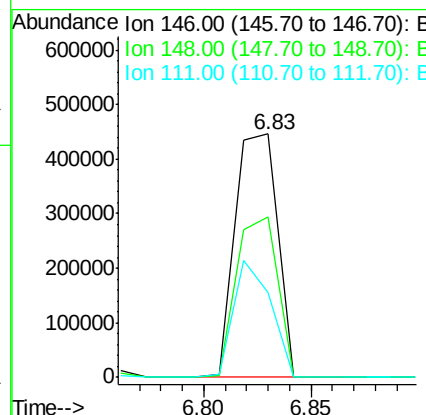
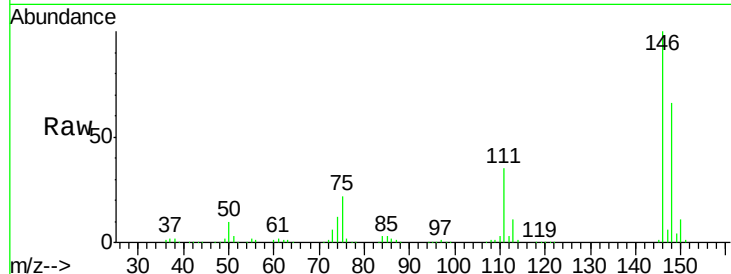
#13
 1,4-Dichlorobenzene
 Concen: 35.64 ng m
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	34.9	40.6	60.8#

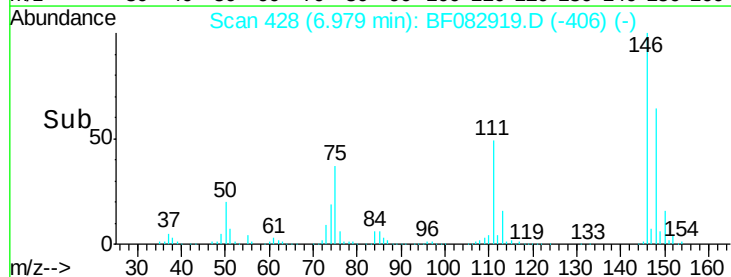
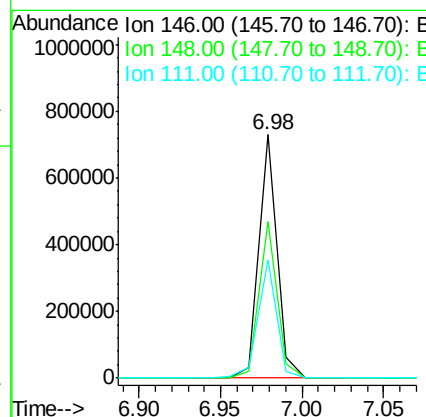
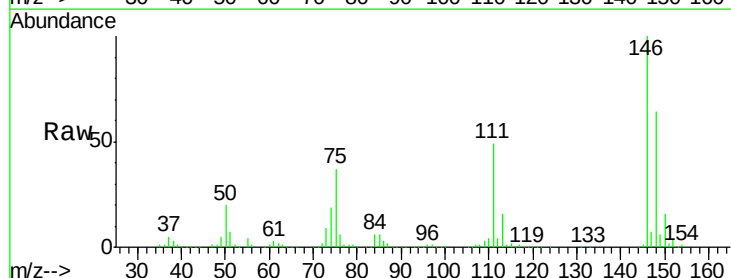
Manual Integrations
 APPROVED

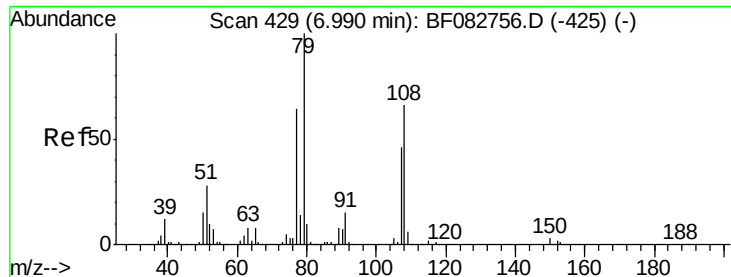
Mmdadoda
 11/16/2015 12:44:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.34 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.05 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	48.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 30.49 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

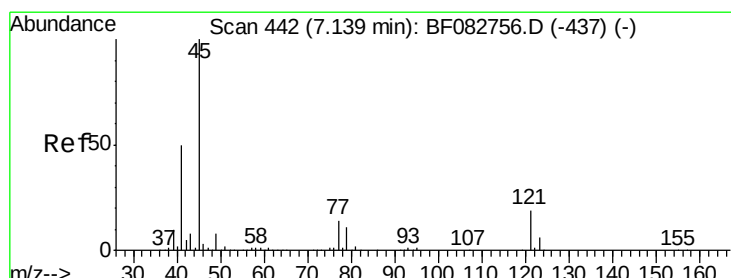
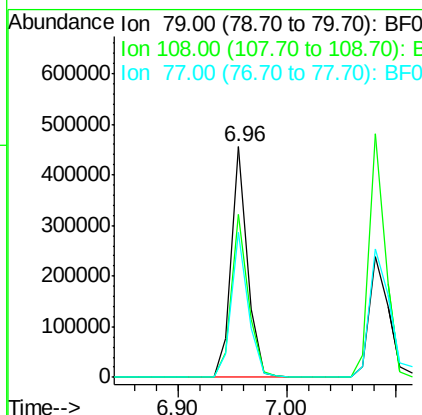
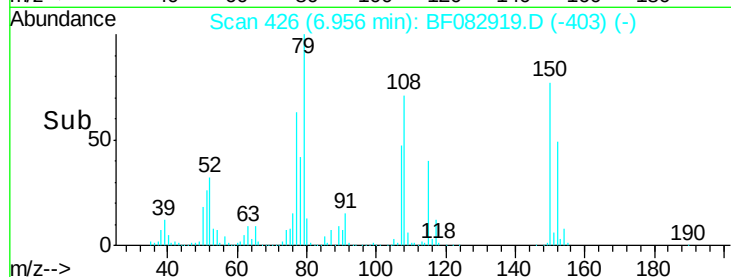
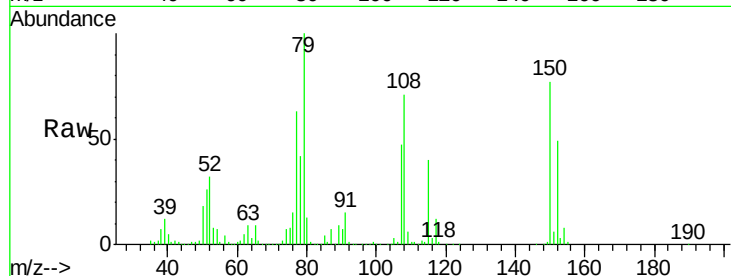
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	468447
Ion Ratio	Lower	Upper	
79	100		
108	70.7	52.2	78.4
77	63.1	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.17 ng

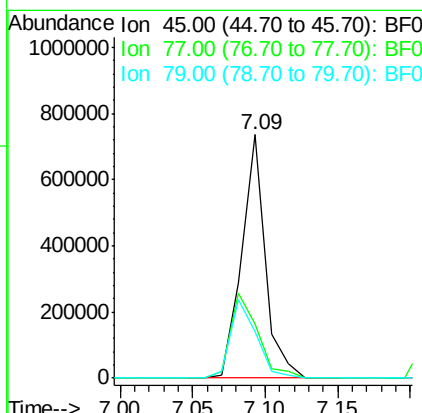
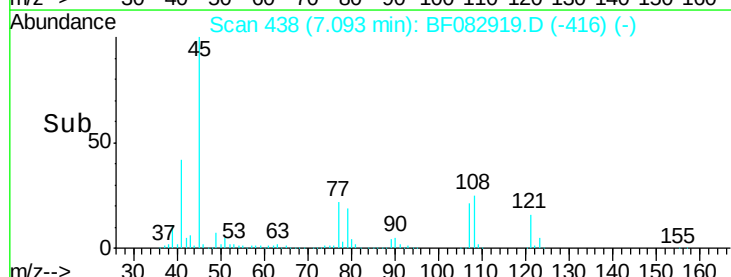
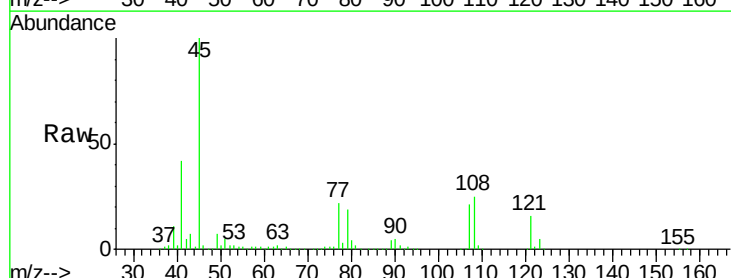
RT: 7.09 min Scan# 438

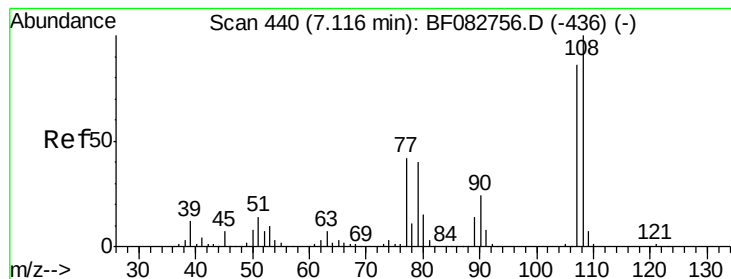
Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	45	Resp:	831196
Ion Ratio	Lower	Upper	
45	100		
77	22.0	0.0	32.6
79	19.0	0.0	29.2





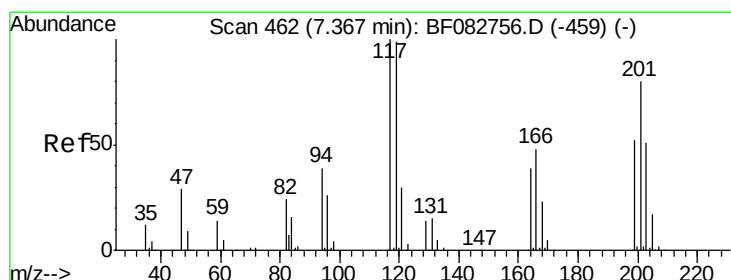
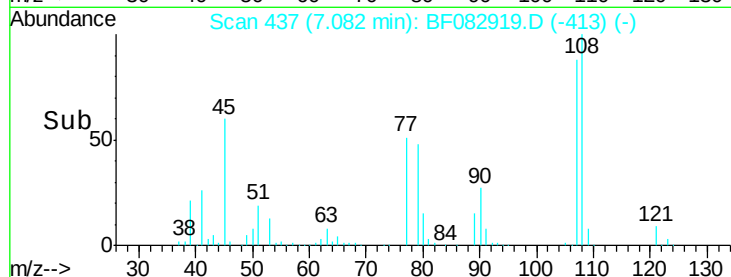
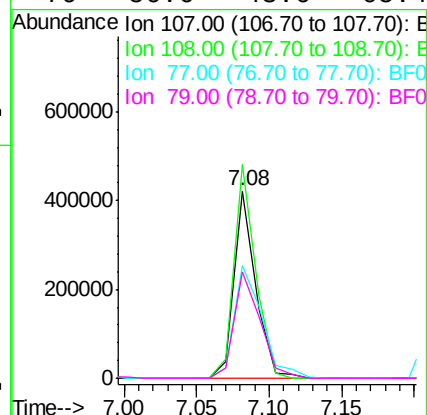
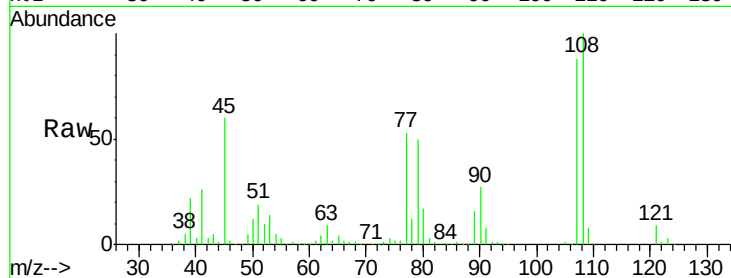
#17
2-Methylphenol
Concen: 35.38 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	437244
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.0	139.4
77	60.4	44.1	66.1
79	56.6	43.6	65.4

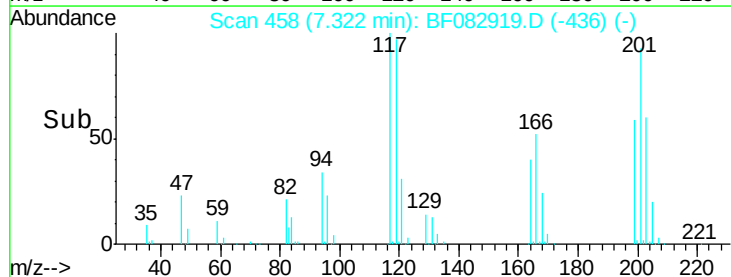
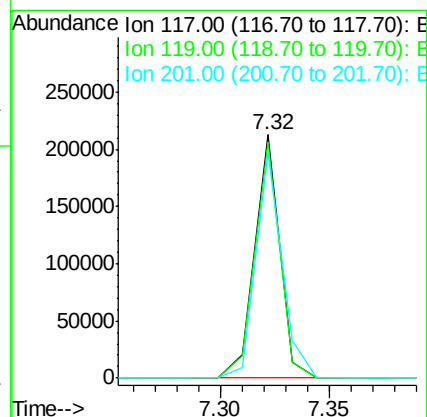
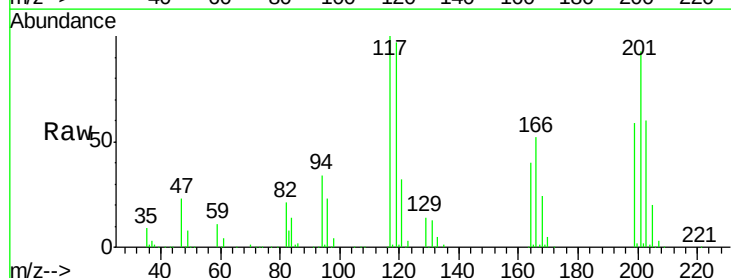
Manual Integrations
APPROVED

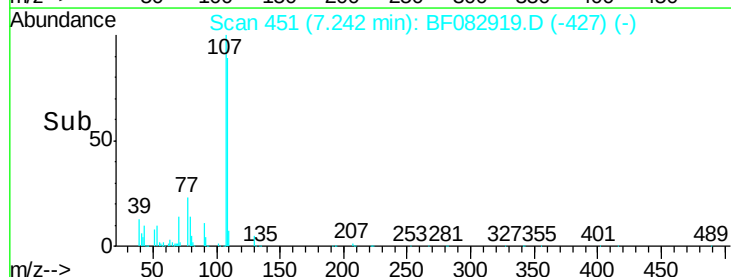
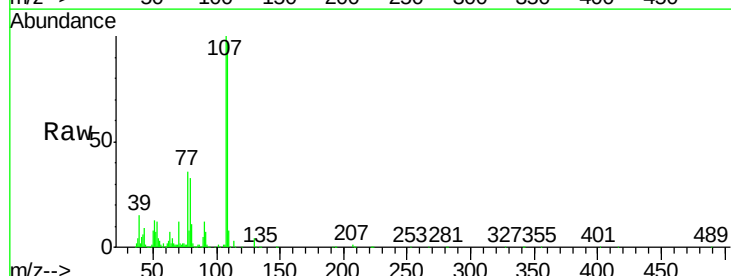
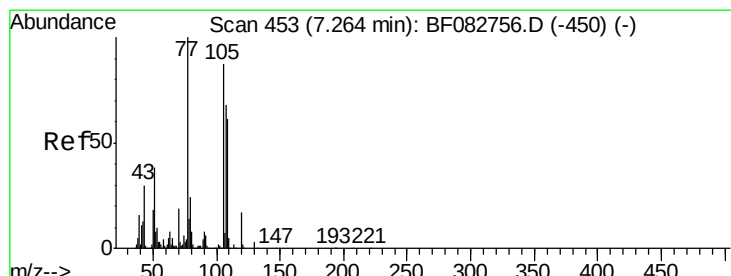
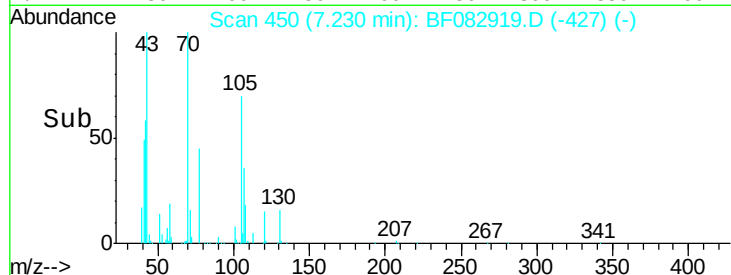
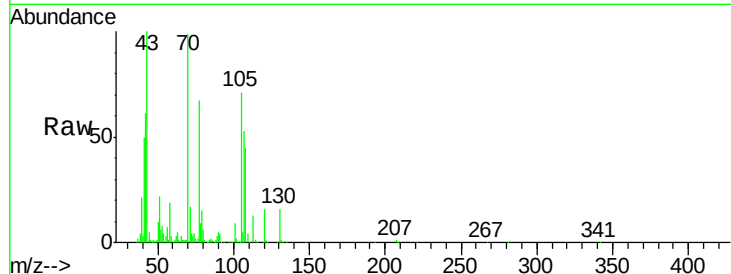
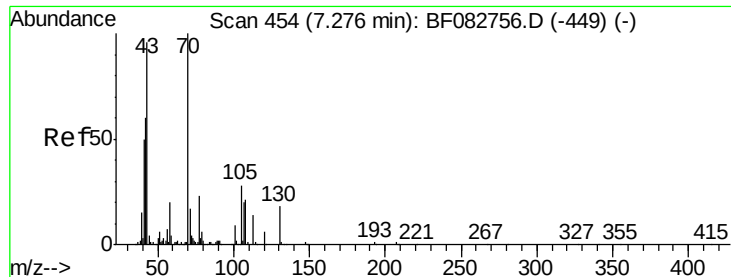
Mmdadoda
11/16/2015 12:44:07 PM



#18
Hexachloroethane
Concen: 27.65 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion:	117	Resp:	169328
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.7	116.5
201	92.8	66.7	100.1

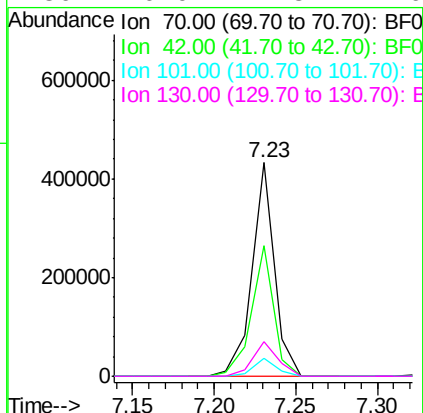




#19
n-Nitroso-di-n-propylamine
Concen: 32.08 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.4	57.7	86.5
101	8.6	7.0	10.6
130	16.0	11.8	17.6

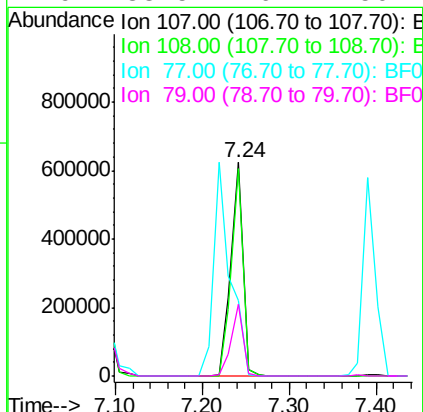


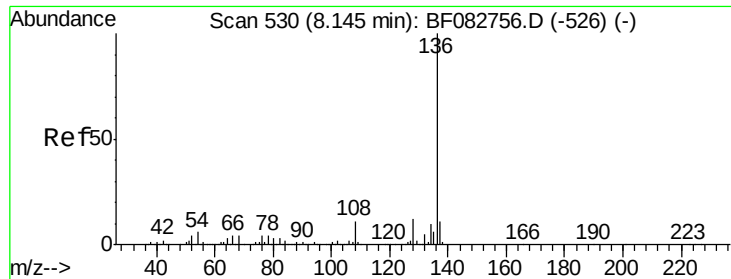
Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM

#20
3+4-Methylphenols
Concen: 37.83 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.9	67.3	107.3
77	35.7	100.3	140.3#
79	33.5	16.2	56.2





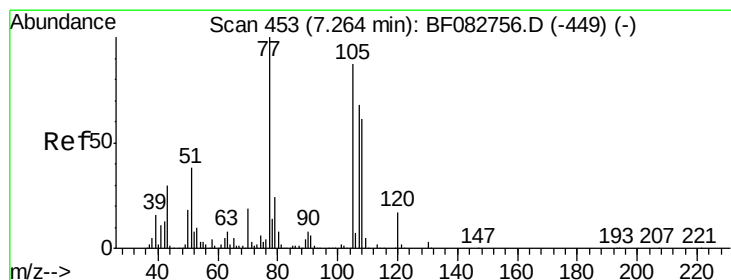
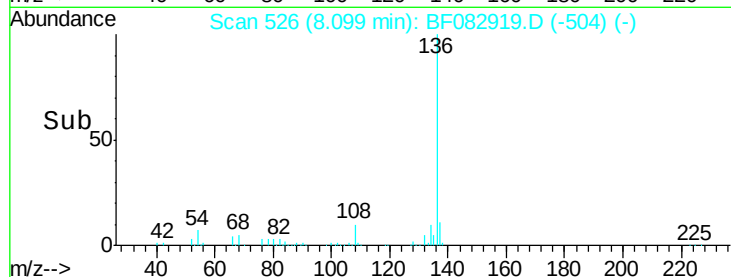
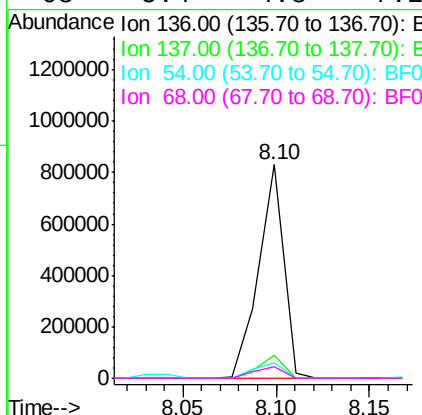
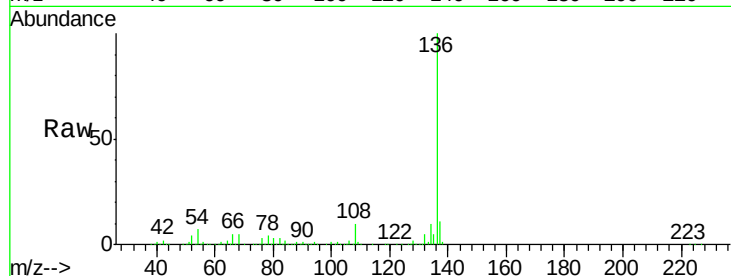
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		770720		
137	10.9	9.1	13.7		
54	7.4	9.1	13.7#		
68	5.4	4.8	7.2		

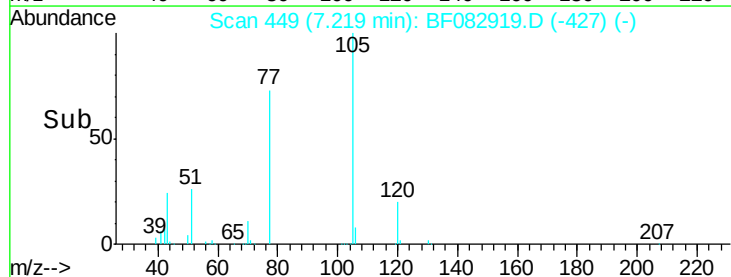
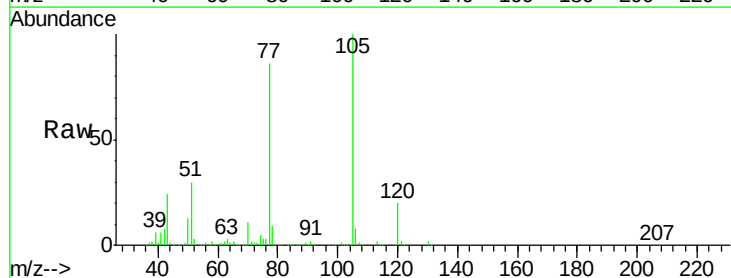
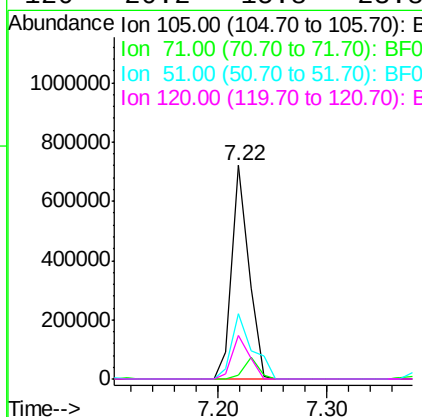
Manual Integrations
APPROVED

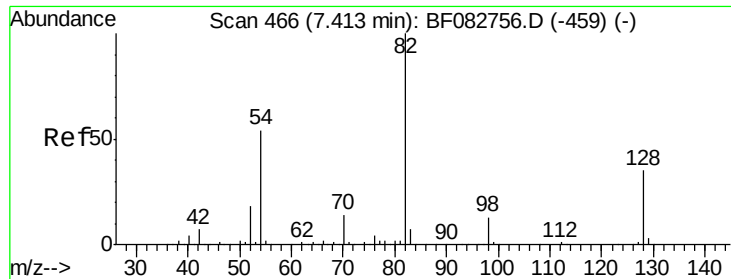
Mmdadoda
11/16/2015 12:44:07 PM



#22
Acetophenone
Concen: 35.17 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		776787		
71	1.9	5.6	8.4#		
51	30.5	24.9	37.3		
120	20.2	15.8	23.8		





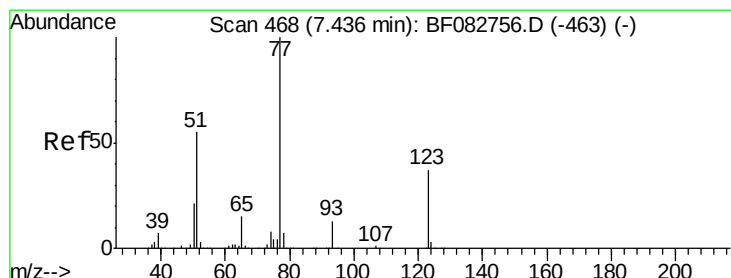
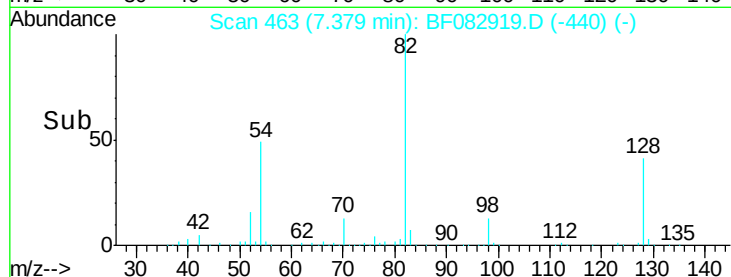
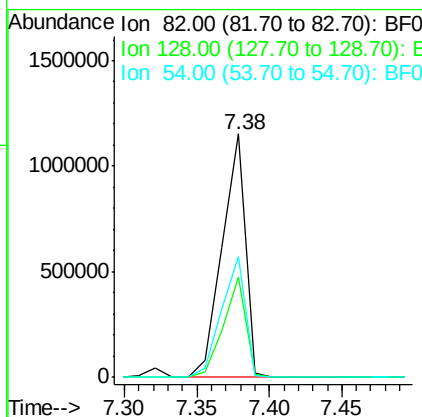
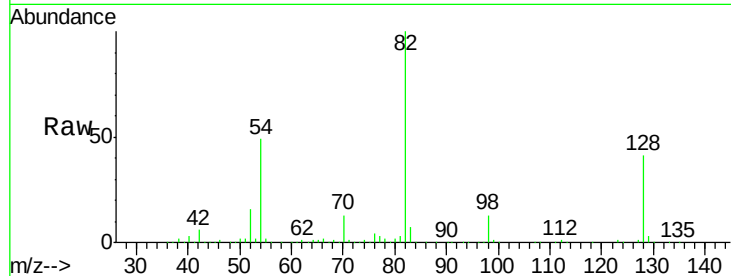
#23
 Nitrobenzene-d5
 Concen: 72.51 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1284304
 Ion Ratio Lower Upper
 82 100
 128 41.0 26.8 40.2#
 54 49.4 45.7 68.5

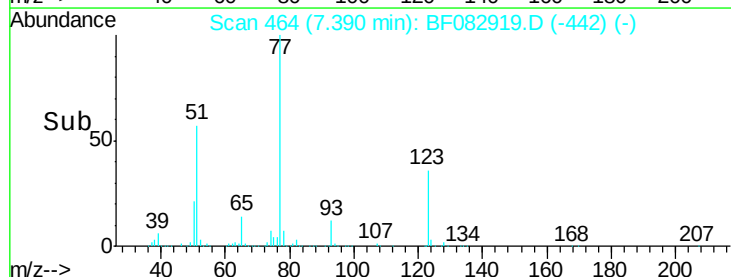
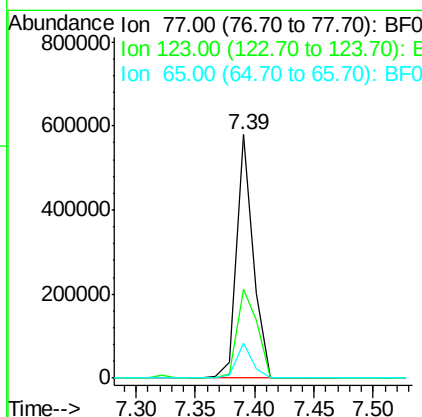
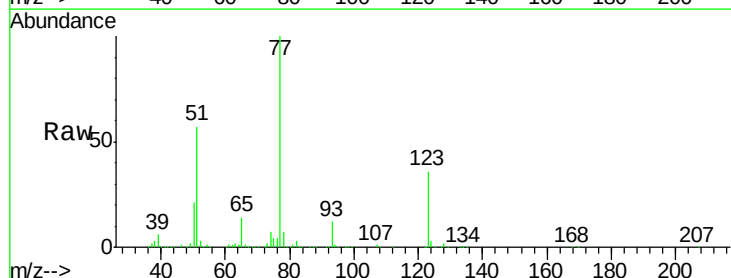
Manual Integrations
 APPROVED

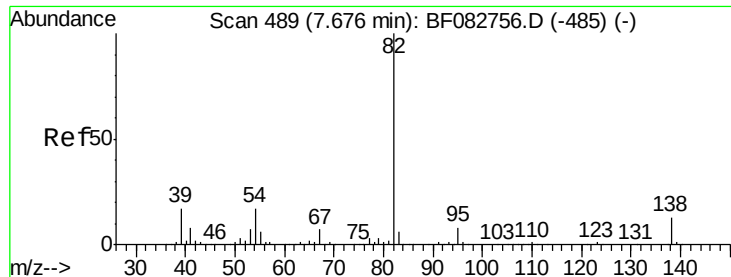
Mmdadoda
 11/16/2015 12:44:07 PM



#24
 Nitrobenzene
 Concen: 31.23 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion: 77 Resp: 565773
 Ion Ratio Lower Upper
 77 100
 123 36.4 36.4 54.6
 65 14.3 11.5 17.3





#25

Isophorone

Concen: 37.23 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1220113

Ion Ratio Lower Upper

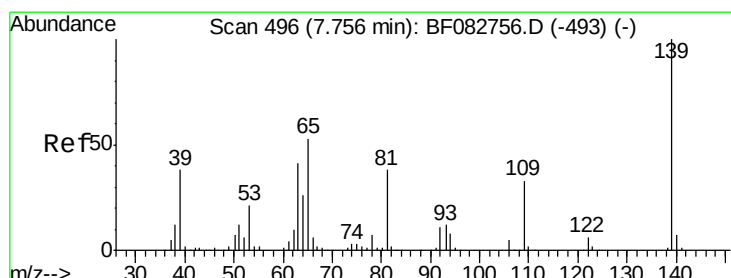
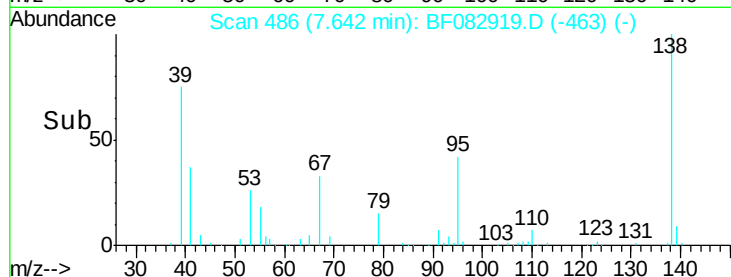
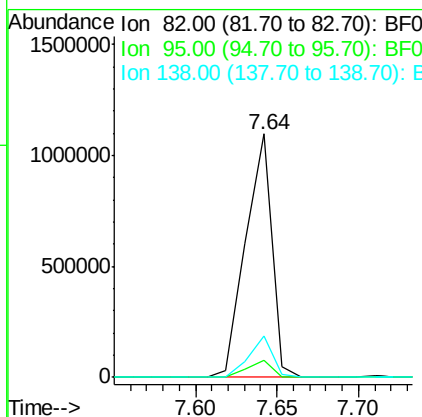
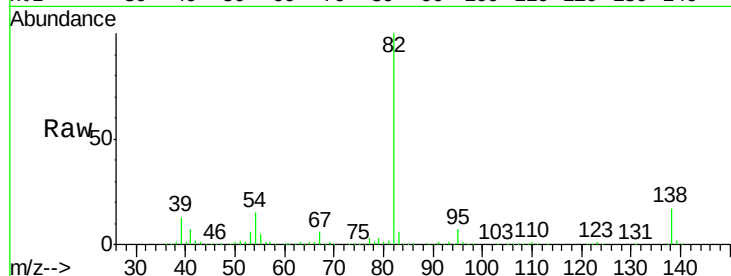
82 100

95 7.2 6.6 9.8

138 17.2 11.4 17.0#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#26

2-Nitrophenol

Concen: 35.89 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

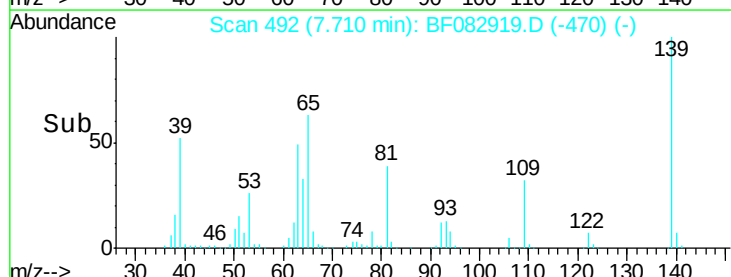
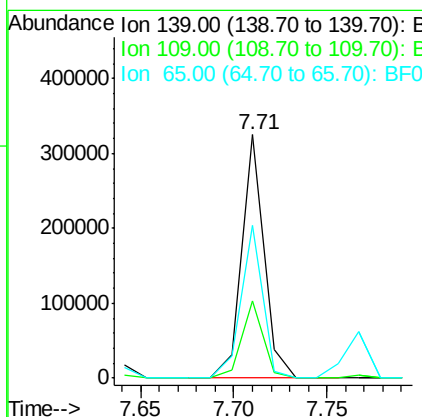
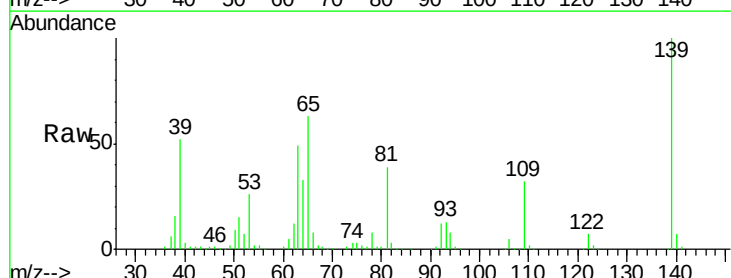
Tgt Ion: 139 Resp: 271340

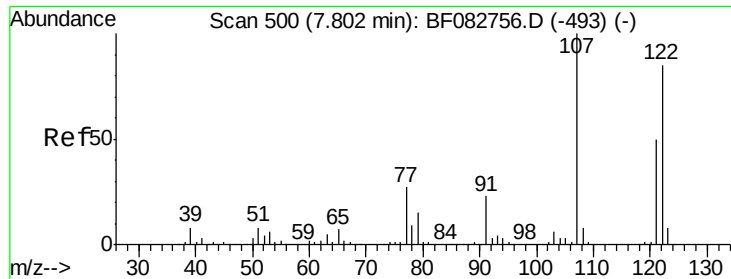
Ion Ratio Lower Upper

139 100

109 32.0 37.6 56.4#

65 62.8 70.6 105.8#





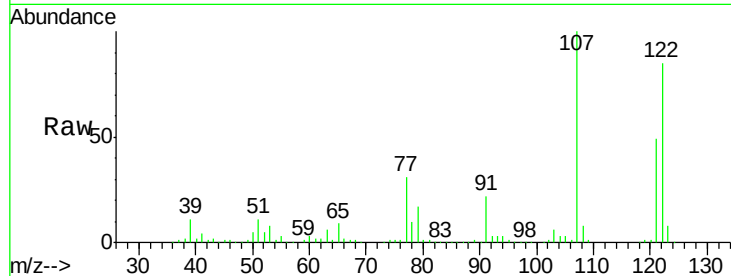
#27
 2,4-Dimethylphenol
 Concen: 37.52 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

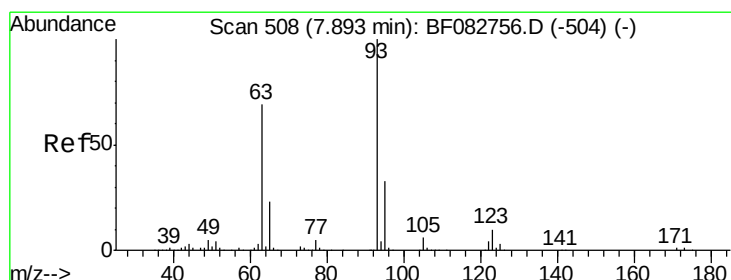
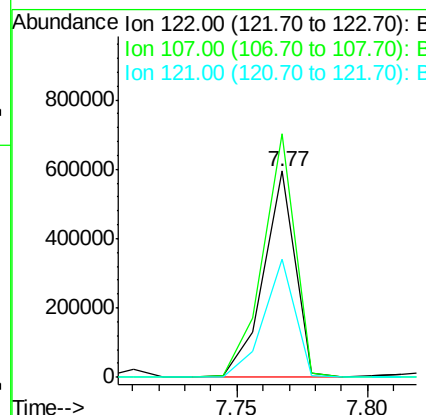
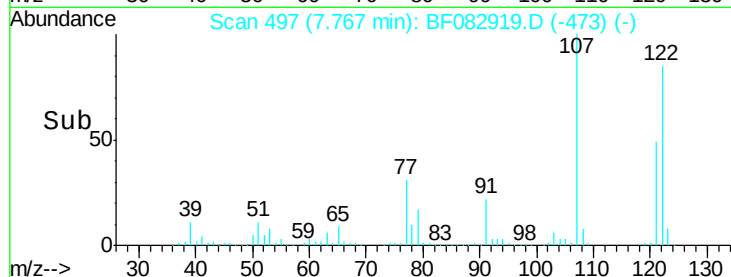
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	509695		
107	118.0	106.0	159.0	
121	57.4	46.7	70.1	

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:07 PM

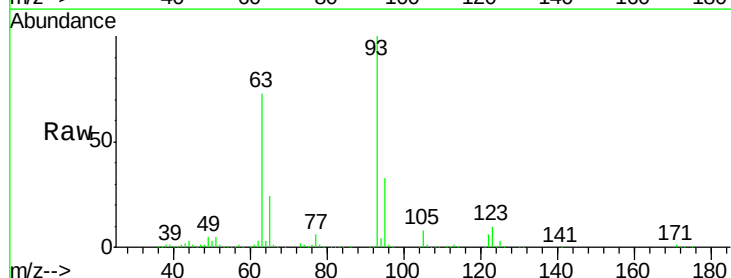


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

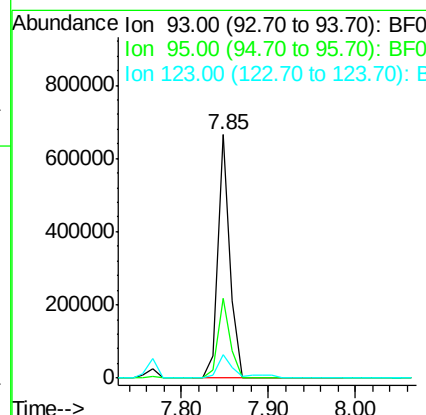
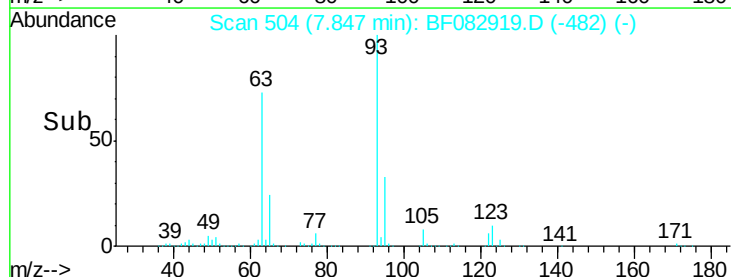


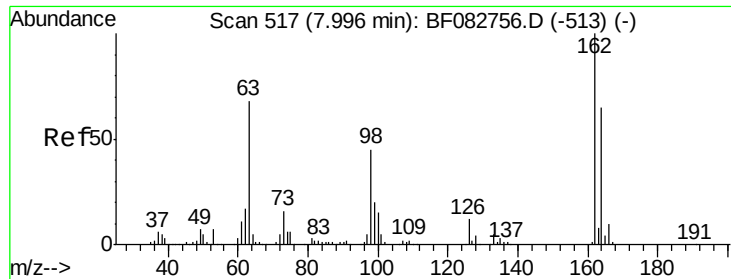
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.08 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	648514		
95	32.6	26.6	40.0	
123	9.8	9.7	14.5	



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





#29

2,4-Dichlorophenol

Concen: 35.58 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

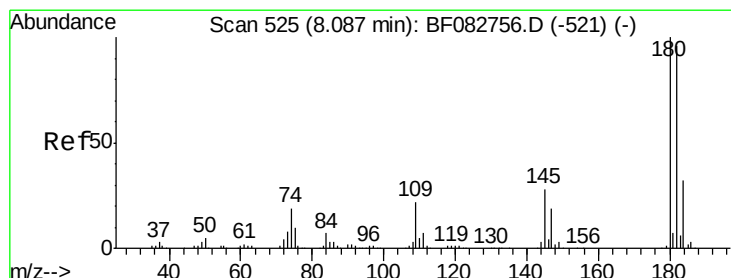
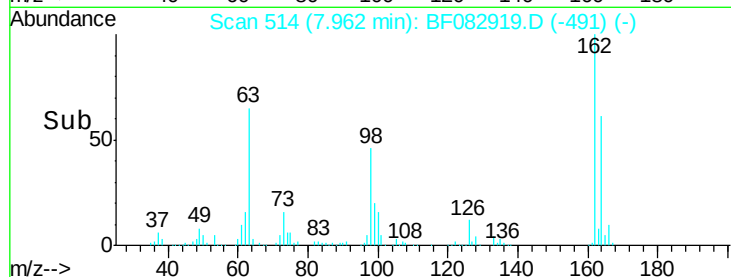
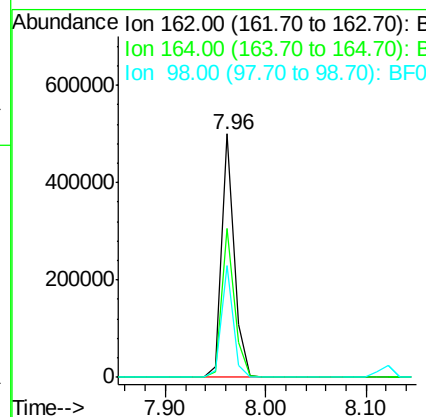
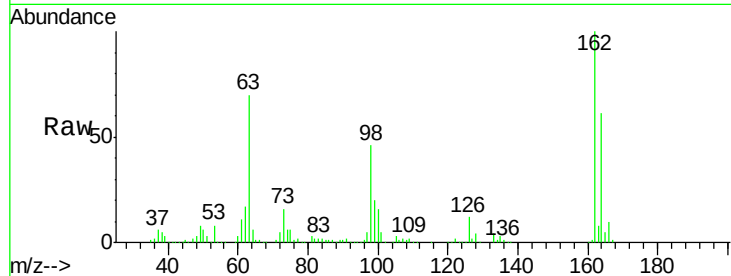
ClientSampleId :

SSTDCCC040

Tgt Ion:	162	Resp:	436866
Ion Ratio	Lower	Upper	
162	100		
164	61.4	46.8	86.8
98	46.2	12.5	52.5

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#30

1,2,4-Trichlorobenzene

Concen: 37.04 ng

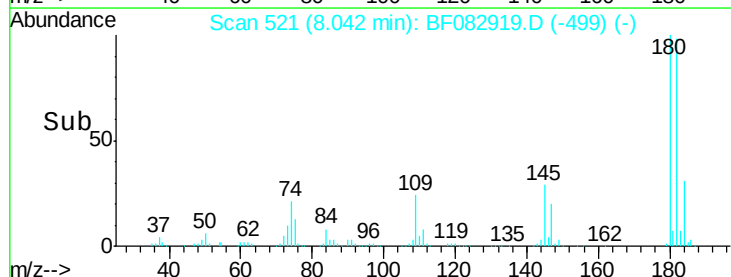
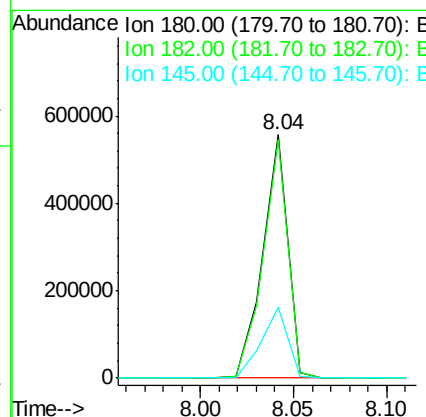
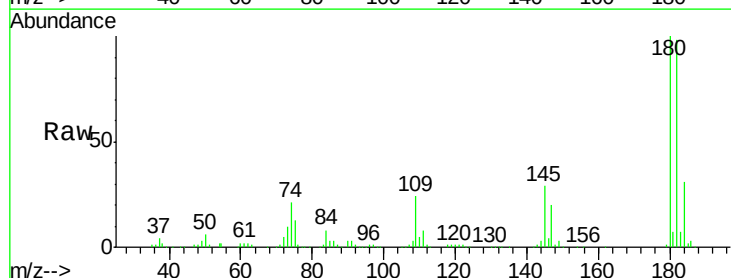
RT: 8.04 min Scan# 521

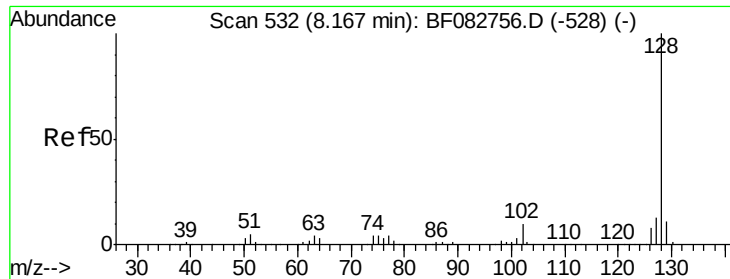
Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	180	Resp:	511443
Ion Ratio	Lower	Upper	
180	100		
182	97.9	74.9	112.3
145	29.3	27.8	41.8





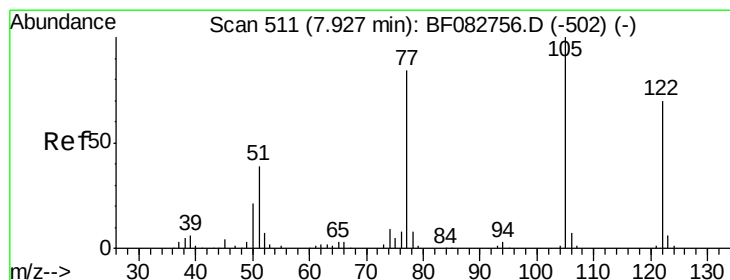
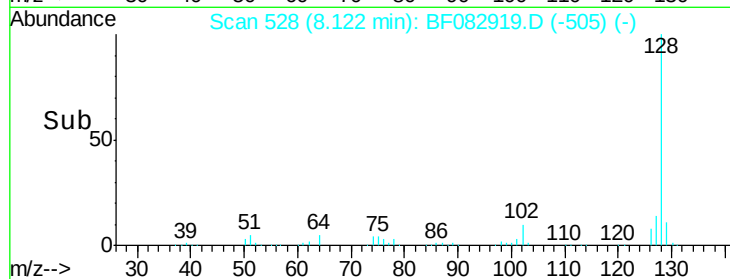
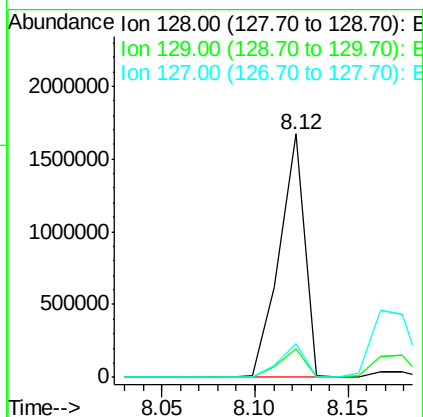
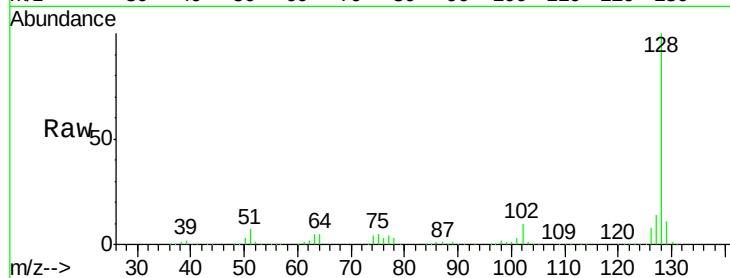
#31
Naphthalene
Concen: 37.40 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1590501
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.9 11.4 17.0

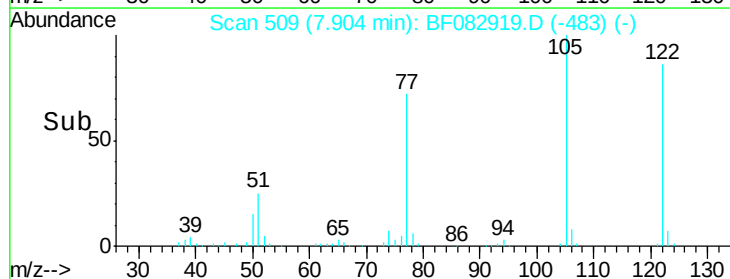
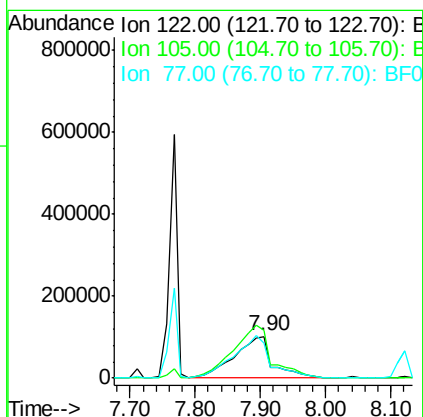
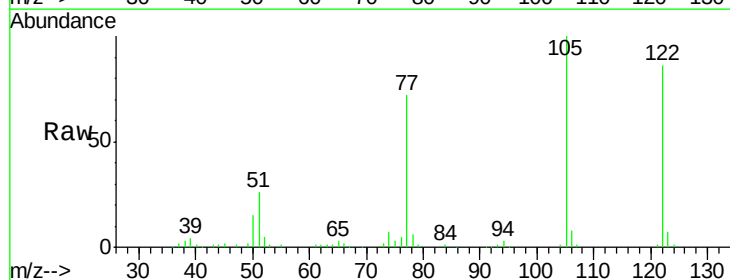
Manual Integrations
APPROVED

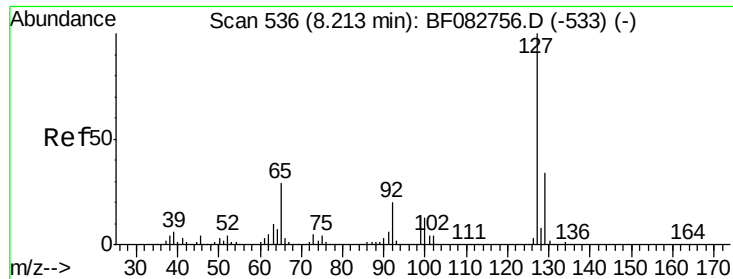
Mmdadoda
11/16/2015 12:44:07 PM



#32
Benzoic acid
Concen: 43.31 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion:122 Resp: 402806
Ion Ratio Lower Upper
122 100
105 116.0 122.6 162.6#
77 83.3 100.9 140.9#





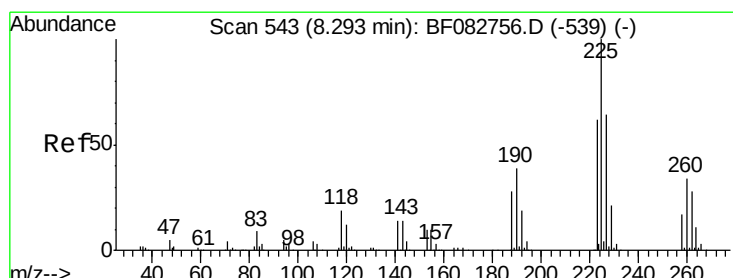
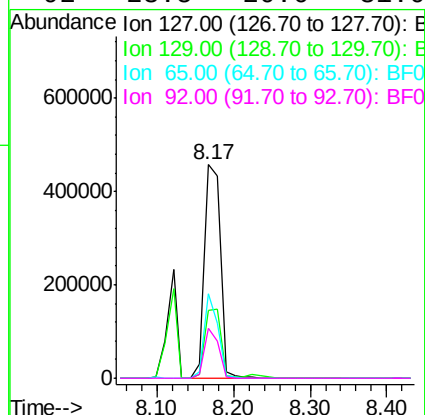
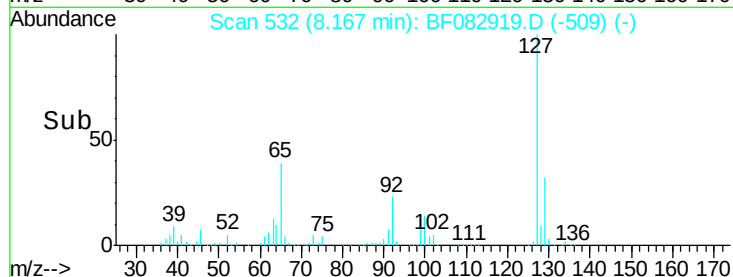
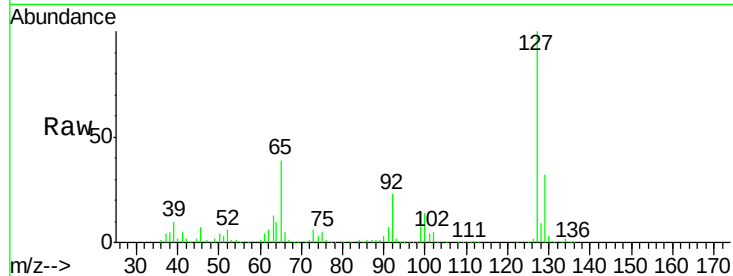
#33
4-Chloroaniline
Concen: 35.66 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	653507		
129	32.0	26.3	39.5	
65	39.3	37.8	56.8	
92	23.5	20.6	31.0	

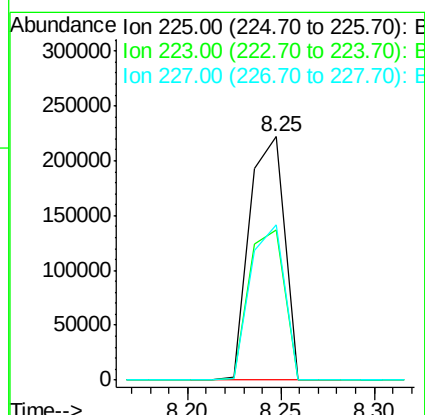
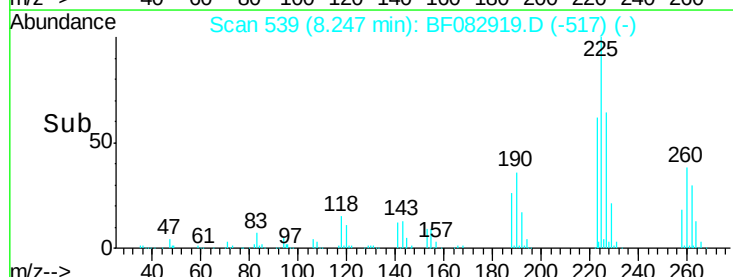
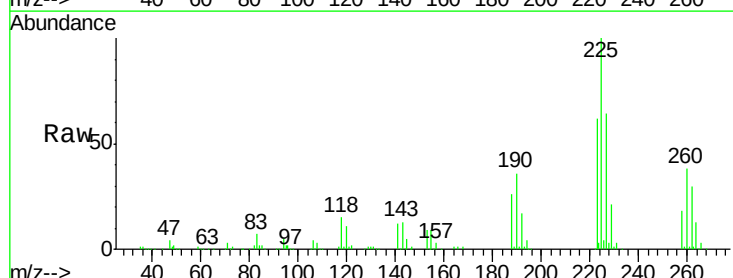
Manual Integrations
APPROVED

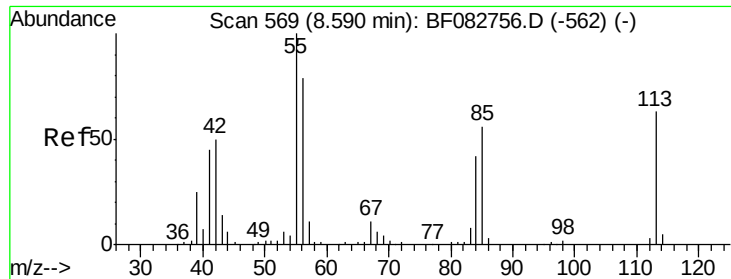
Mmdadoda
11/16/2015 12:44:07 PM



#34
Hexachlorobutadiene
Concen: 33.19 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	286836		
223	61.7	50.5	75.7	
227	63.9	50.2	75.2	





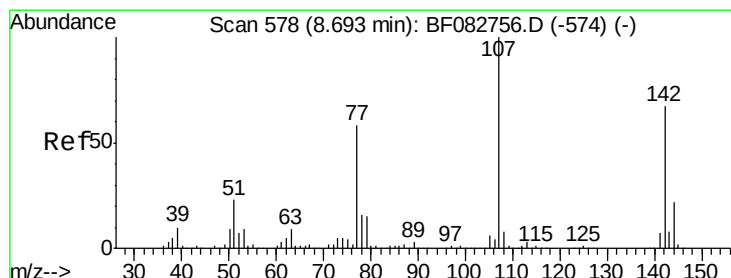
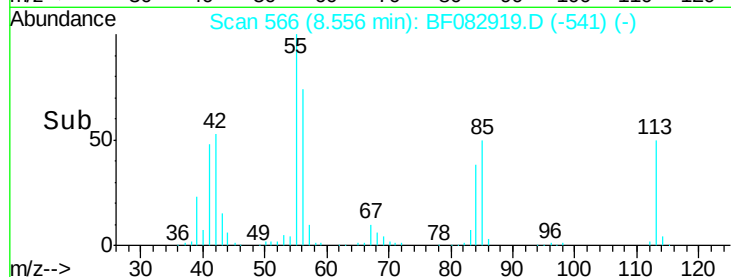
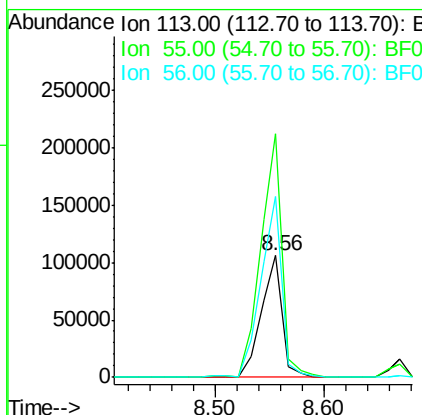
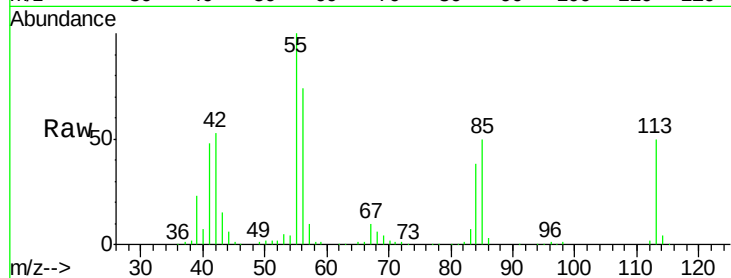
#35
 Caprolactam
 Concen: 36.59 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	200.3	195.5	235.5
56	148.6	153.5	193.5#

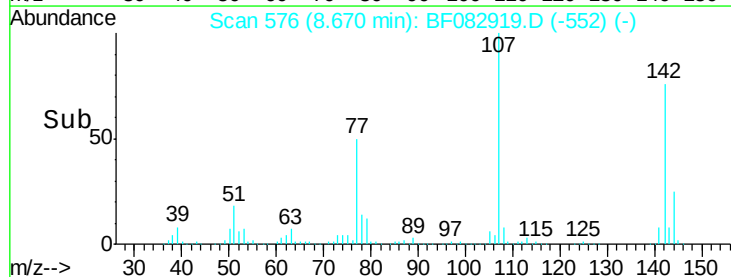
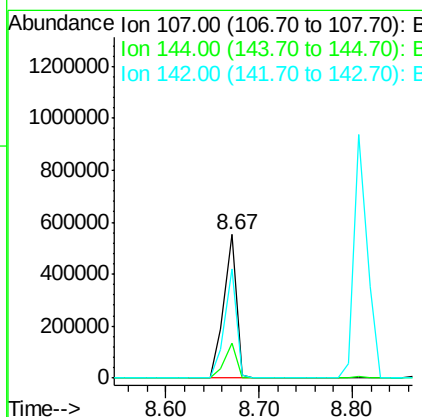
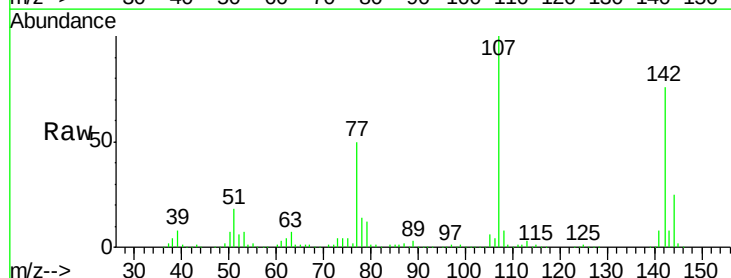
Manual Integrations
 APPROVED

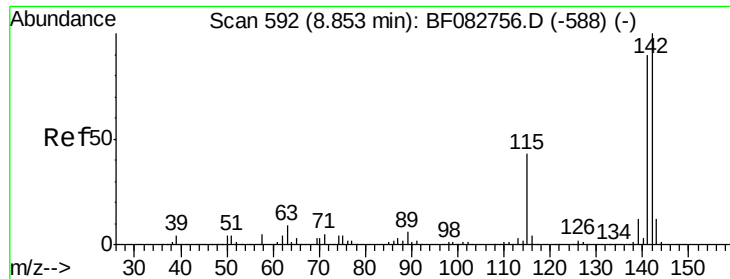
Mmdadoda
 11/16/2015 12:44:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.16 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	15.4	23.0#
142	76.3	47.8	71.8#





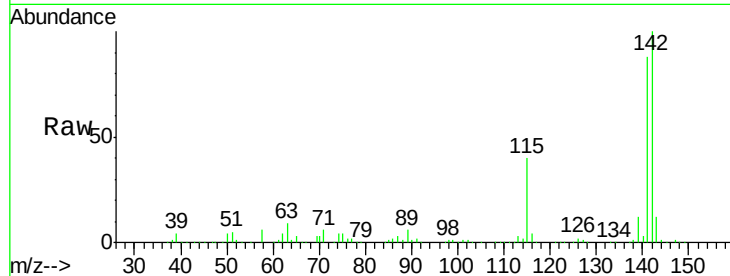
#37
 2-Methylnaphthalene
 Concen: 33.69 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	926745		
141	88.3	72.3	108.5	
115	40.0	38.1	57.1	

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:07 PM

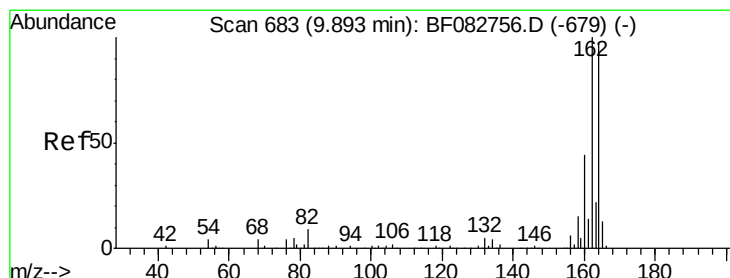
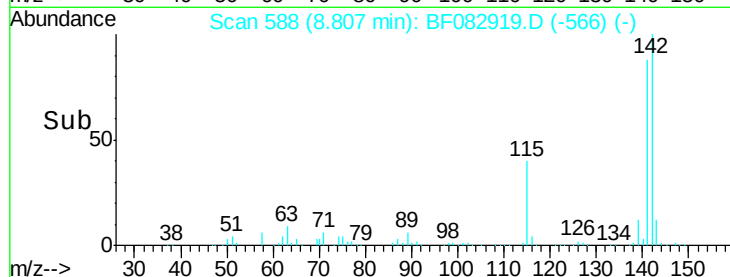
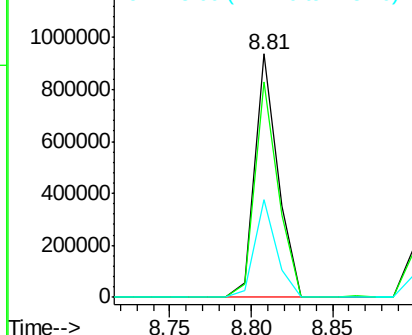


Abundance

Ion 142.00 (141.70 to 142.70): E

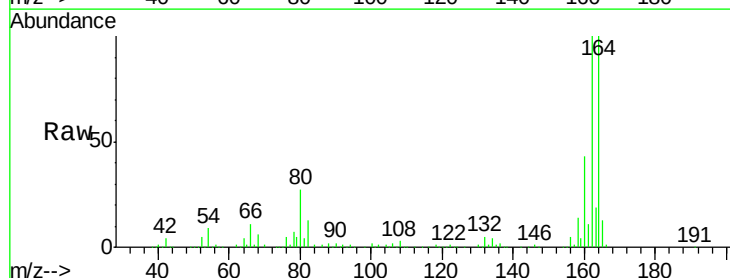
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	354102		
162	100.3	84.9	127.3	
160	43.3	37.5	56.3	

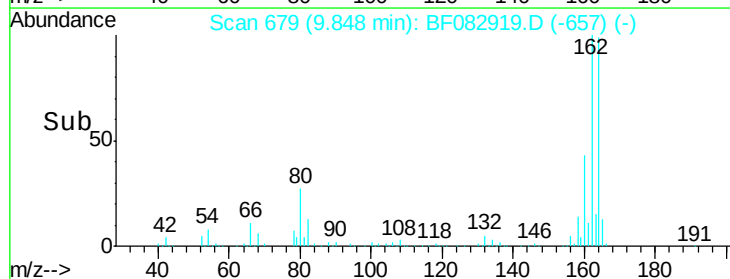
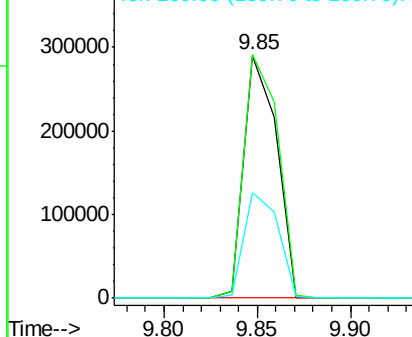


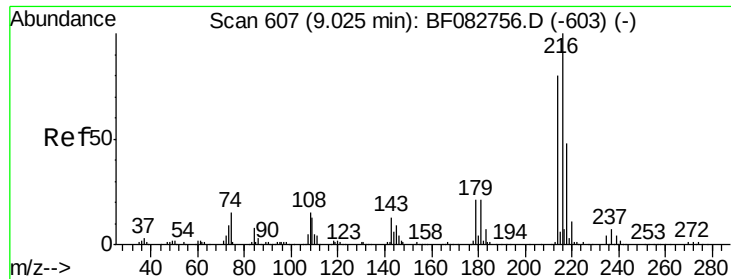
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





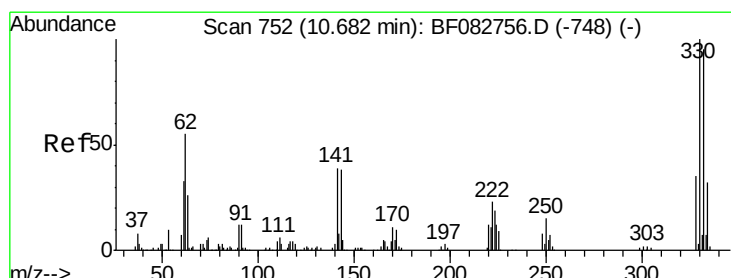
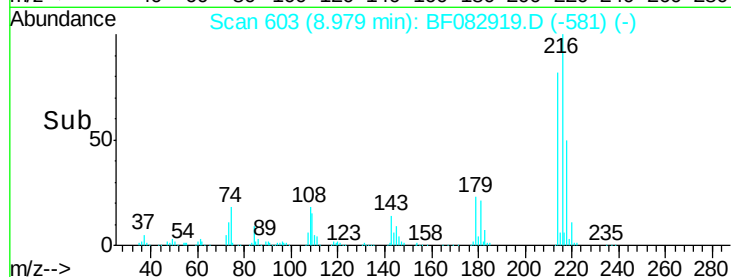
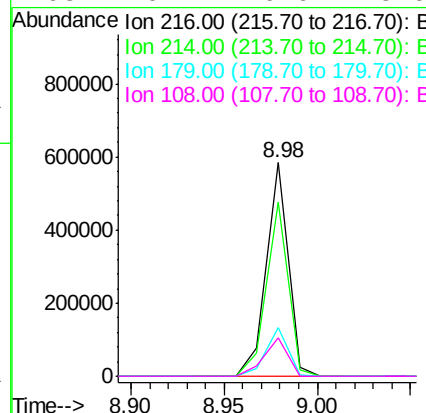
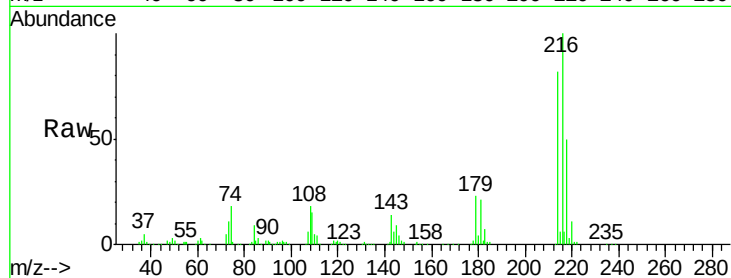
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.53 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	471650		
214	81.4	62.2	93.2	
179	22.8	18.1	27.1	
108	19.2	16.6	25.0	

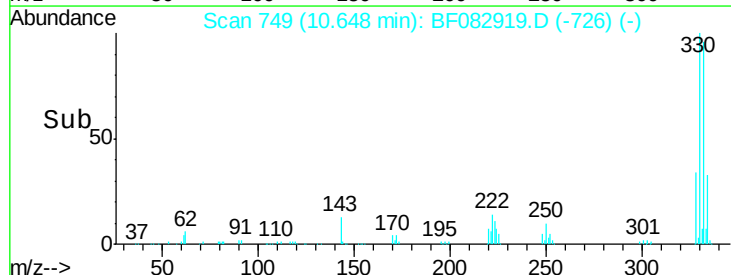
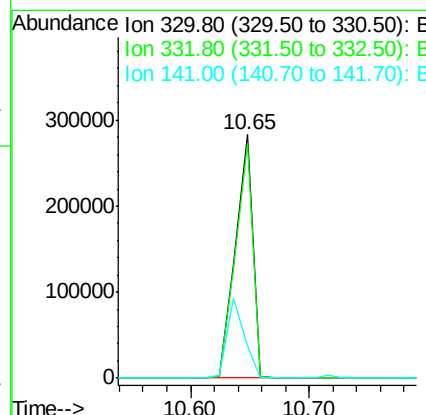
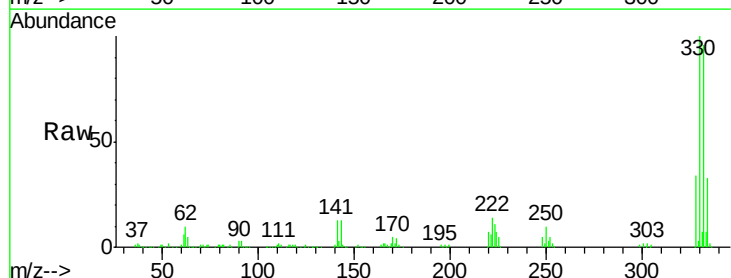
Manual Integrations
 APPROVED

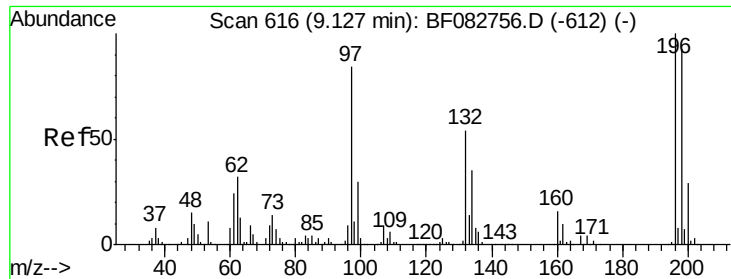
Mmdadoda
 11/16/2015 12:44:07 PM



#41
 2,4,6-Tribromophenol
 Concen: 70.92 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287933		
332	96.6	76.6	114.8	
141	32.0	41.2	61.8#	





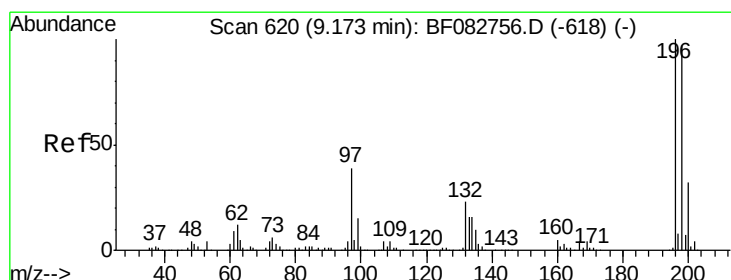
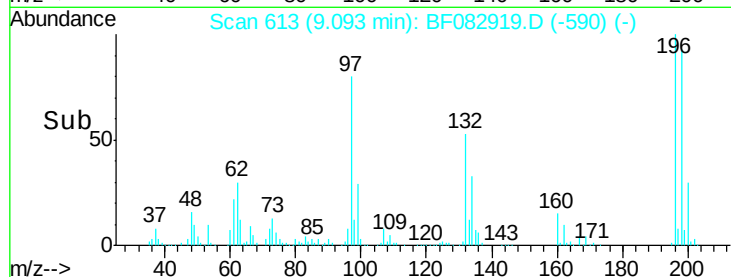
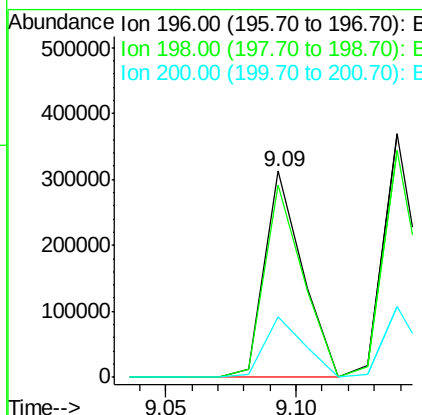
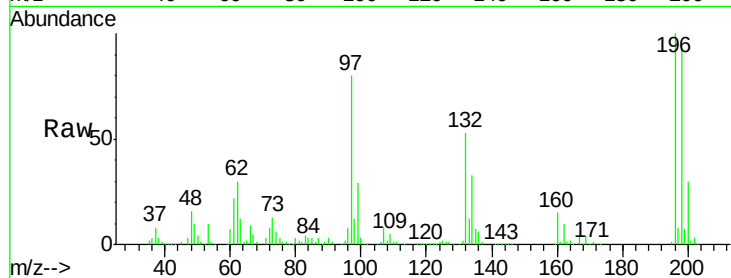
#42
2,4,6-Trichlorophenol
Concen: 36.37 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	315880		
198	93.3	76.3	114.5	
200	29.5	23.9	35.9	

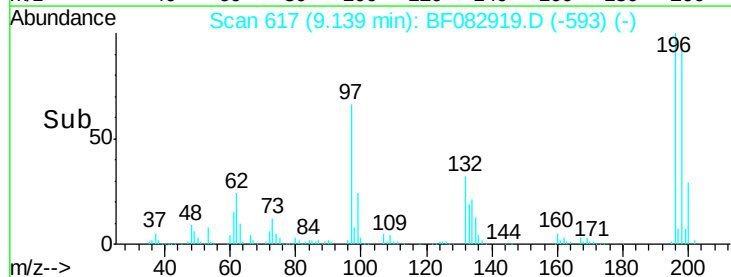
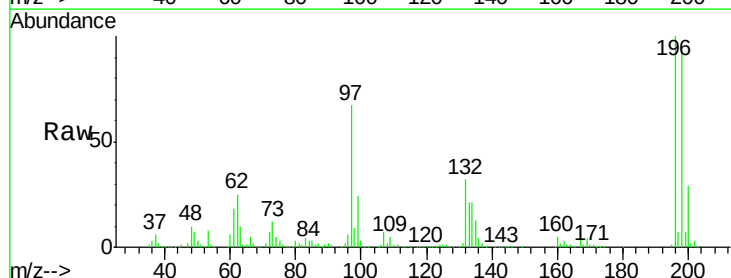
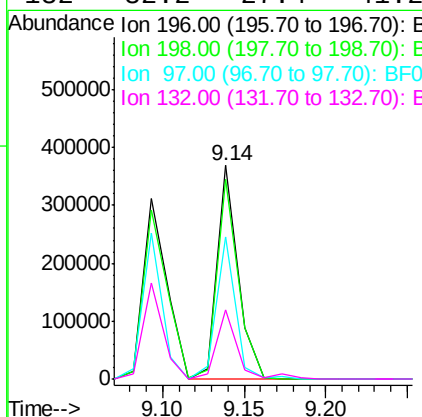
Manual Integrations
APPROVED

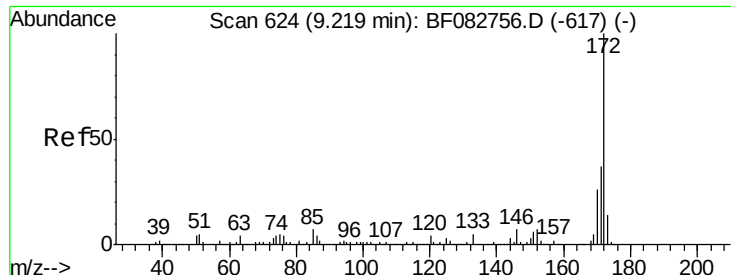
Mmdadoda
11/16/2015 12:44:07 PM



#43
2,4,5-Trichlorophenol
Concen: 38.27 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	328770		
198	93.4	75.8	113.8	
97	66.6	62.3	93.5	
132	32.2	27.4	41.2	





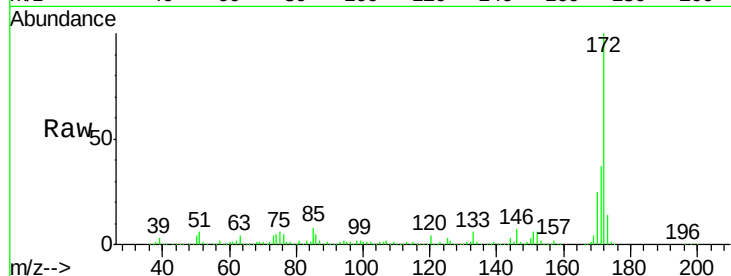
#44
2-Fluorobiphenyl
Concen: 74.67 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

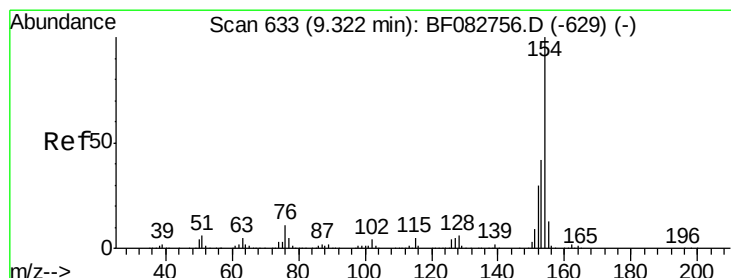
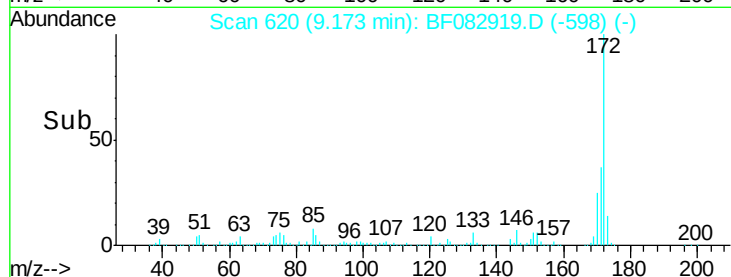
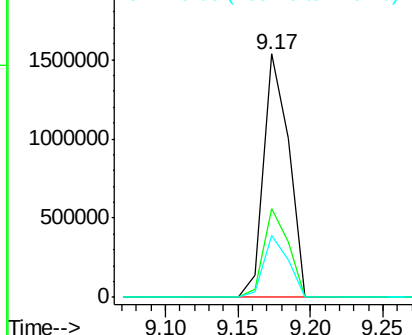
Tgt Ion:172 Resp: 1844796
Ion Ratio Lower Upper
172 100
171 36.6 30.8 46.2
170 25.2 21.2 31.8

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM

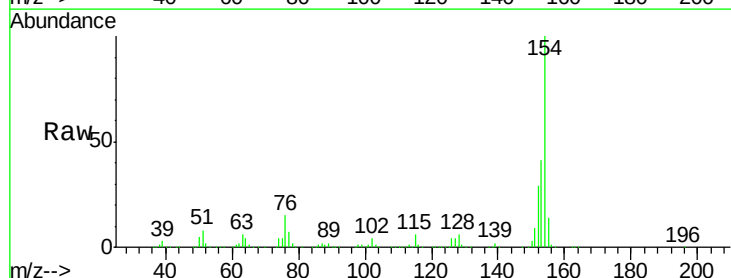


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

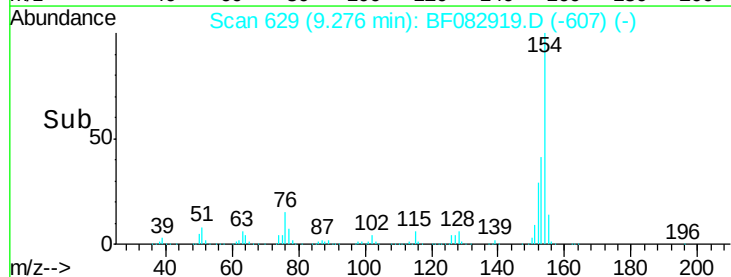
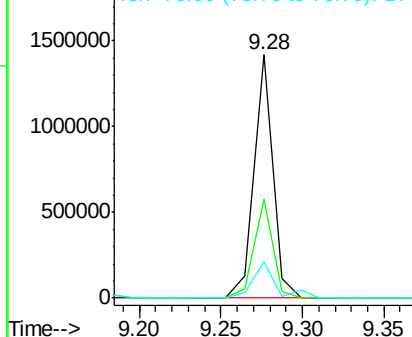


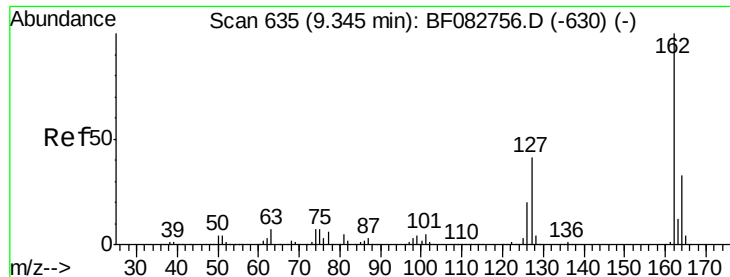
#45
1,1'-Biphenyl
Concen: 37.63 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion:154 Resp: 1143441
Ion Ratio Lower Upper
154 100
153 40.9 22.0 62.0
76 15.0 0.0 29.0



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





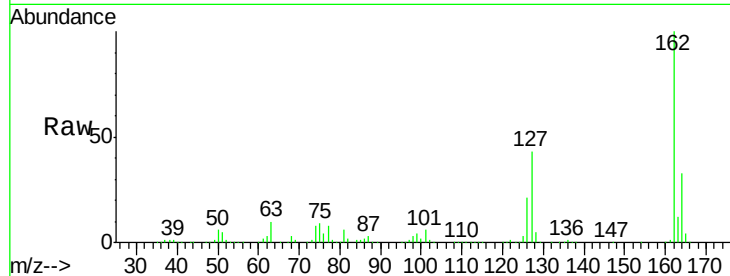
#46
2-Chloronaphthalene
Concen: 38.69 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

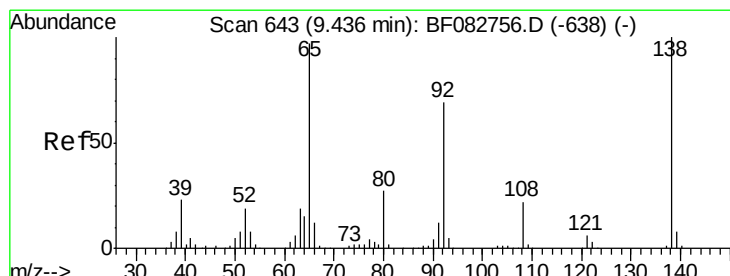
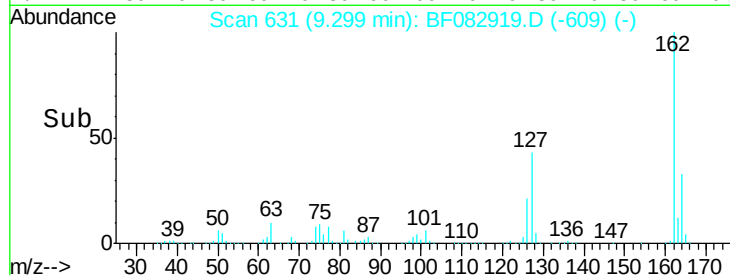
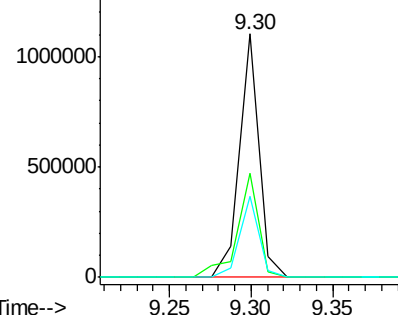
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.7	32.7	49.1
164	33.3	27.4	41.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM

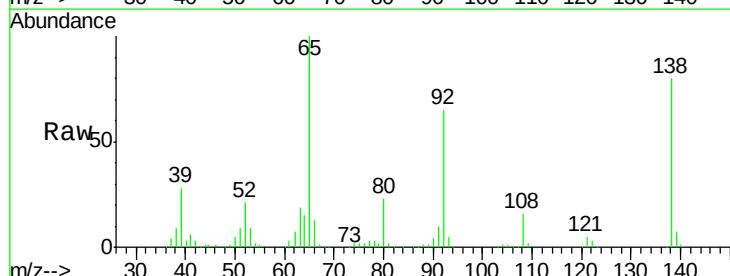


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

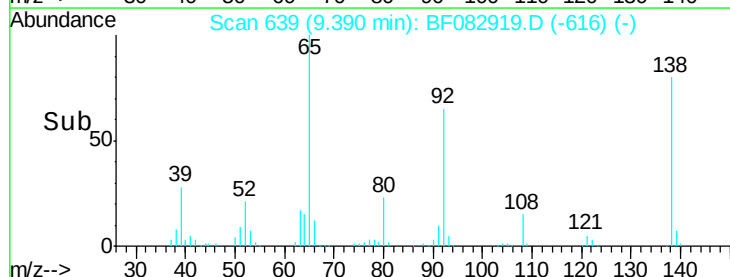
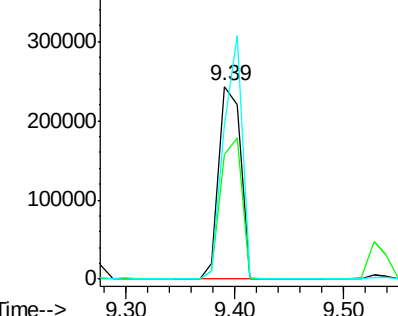


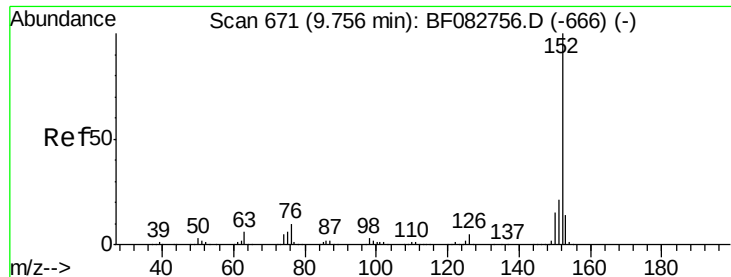
#47
2-Nitroaniline
Concen: 37.99 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	64.9	46.6	70.0
138	80.0	54.6	81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
400000 Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.65 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

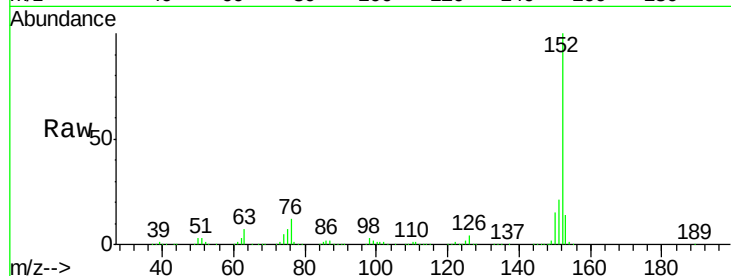
ClientSampleId :

SSTDCCC040

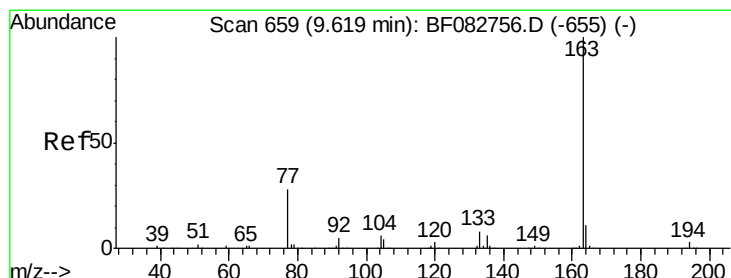
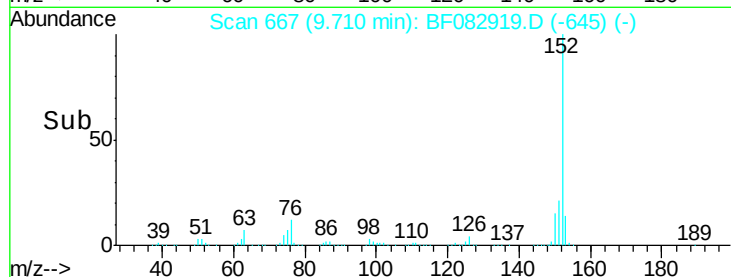
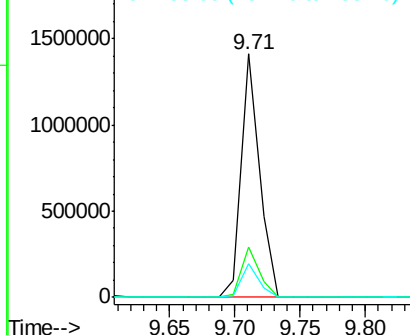
Tgt Ion:	152	Resp:	1361232
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.3	25.9
153	14.1	11.3	16.9

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.73 ng

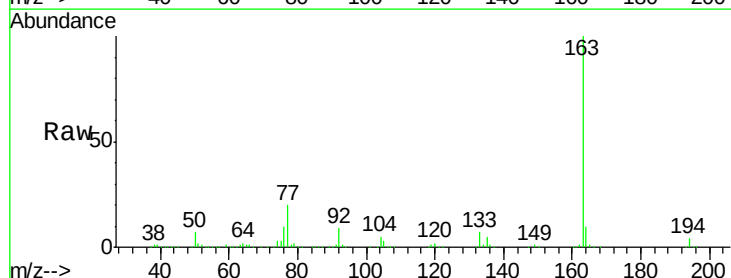
RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

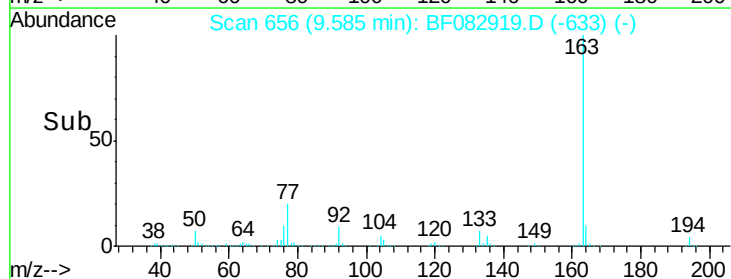
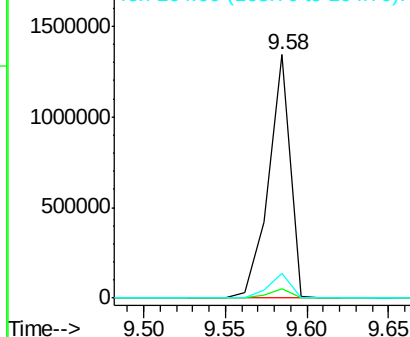
Lab File: BF082919.D

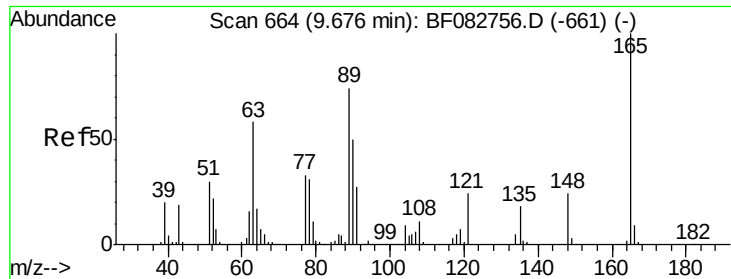
Acq: 14 Nov 2015 2:48

Tgt Ion:	163	Resp:	1239588
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	10.4	8.7	13.1



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





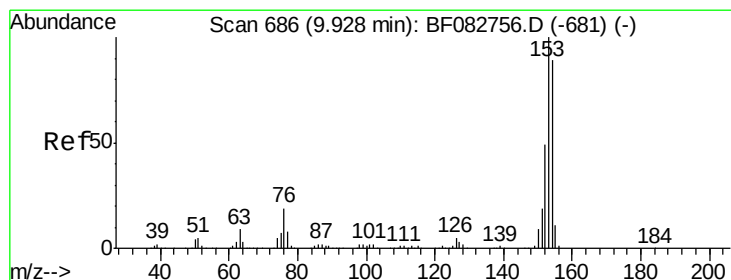
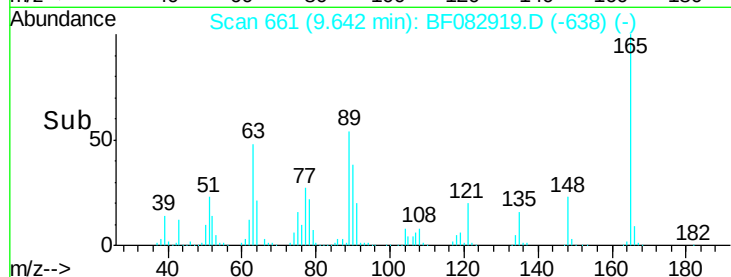
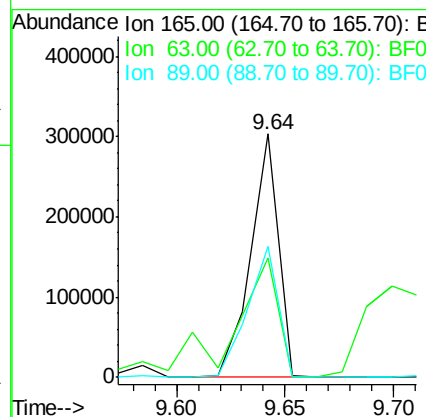
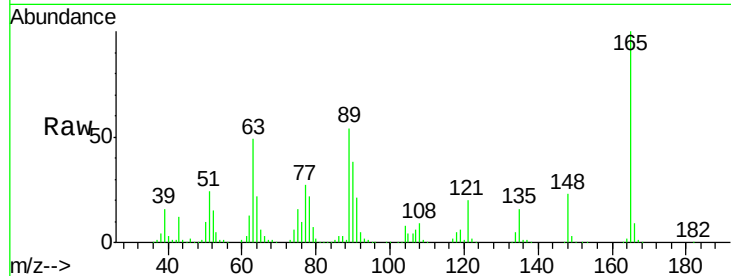
#50
2,6-Dinitrotoluene
Concen: 43.19 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	48.9	55.5	83.3#
89	53.9	55.0	82.6#

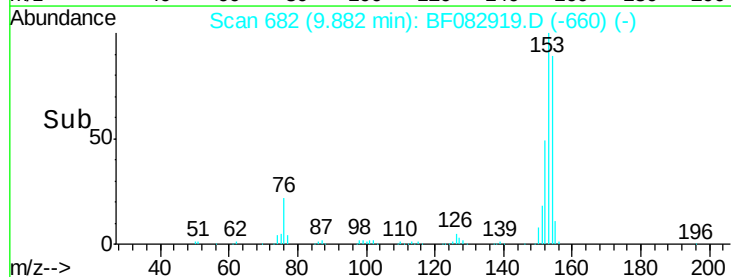
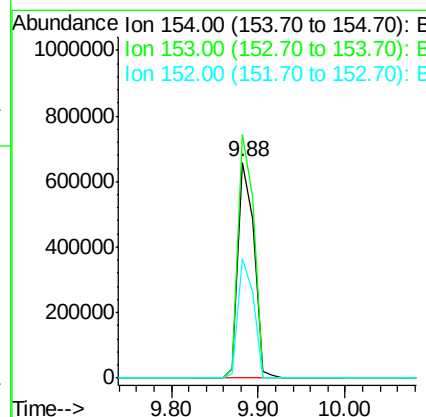
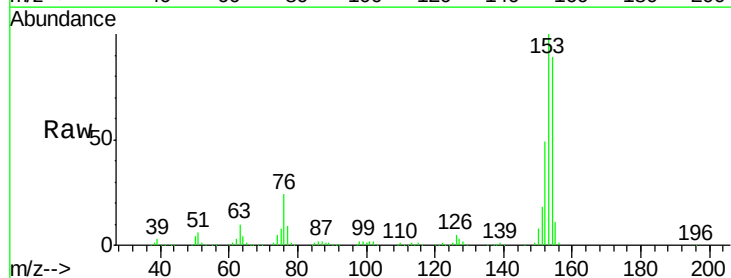
Manual Integrations
APPROVED

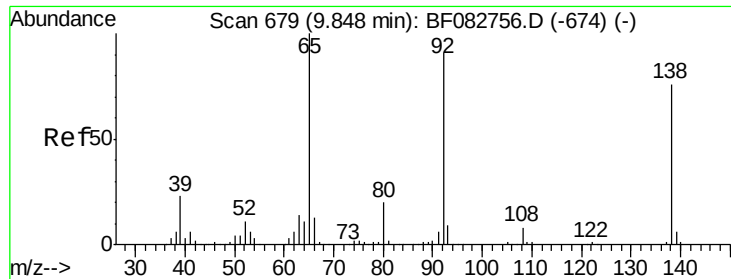
Mmdadoda
11/16/2015 12:44:07 PM



#51
Acenaphthene
Concen: 35.15 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.7	90.1	135.1
152	55.0	44.3	66.5





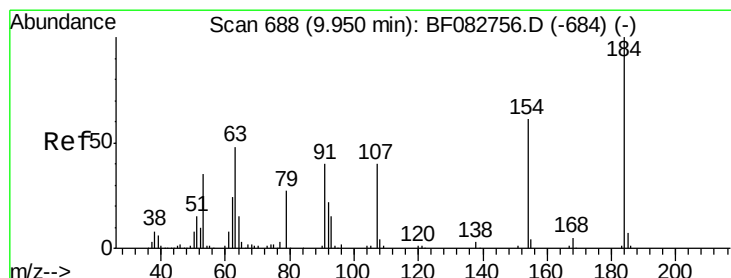
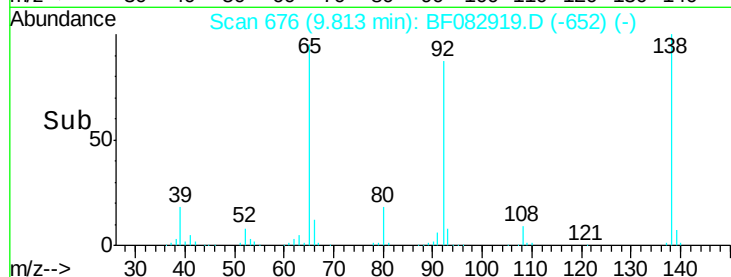
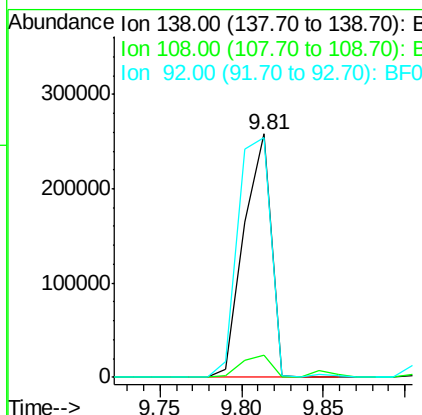
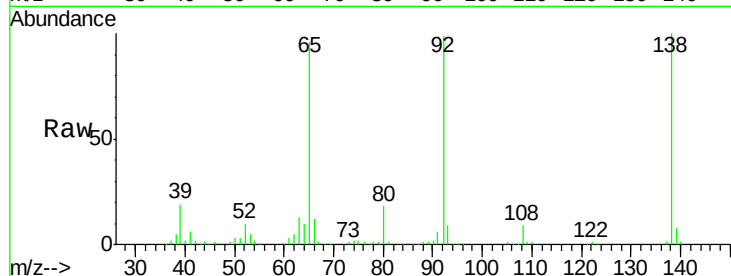
#52
 3-Nitroaniline
 Concen: 43.95 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	299195		
108	9.2	11.3	16.9#	
92	98.5	122.4	183.6#	

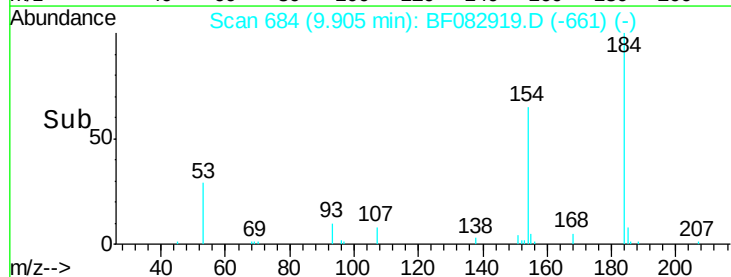
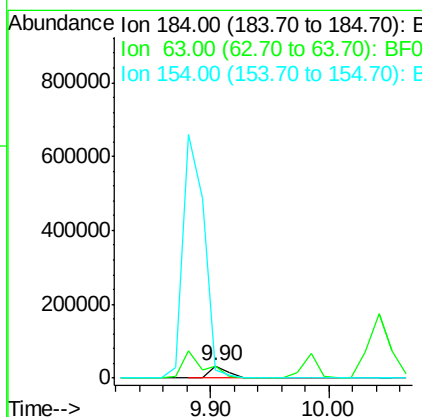
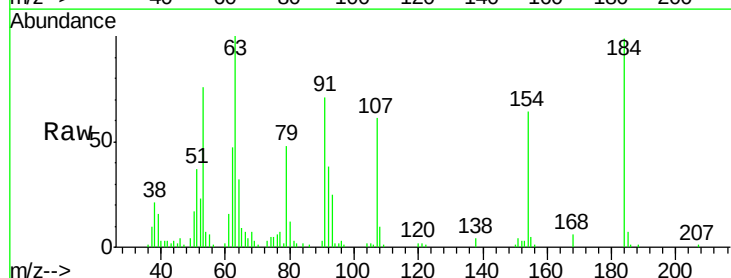
Manual Integrations
 APPROVED

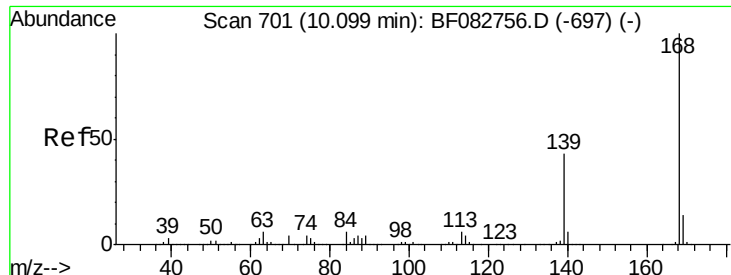
Mmdadoda
 11/16/2015 12:44:07 PM



#53
 2,4-Dinitrophenol
 Concen: 10.70 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

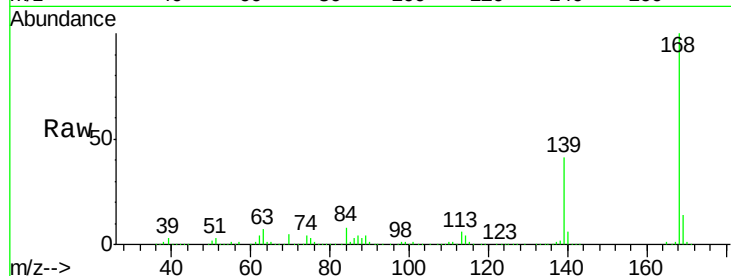
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	36379		
63	101.0	98.6	148.0	
154	64.5	183.9	275.9#	





#54
Dibenzenofuran
Concen: 36.81 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

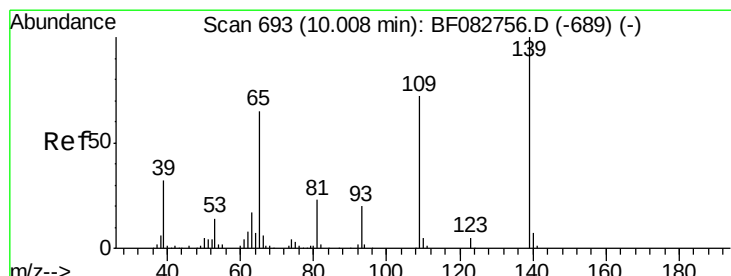
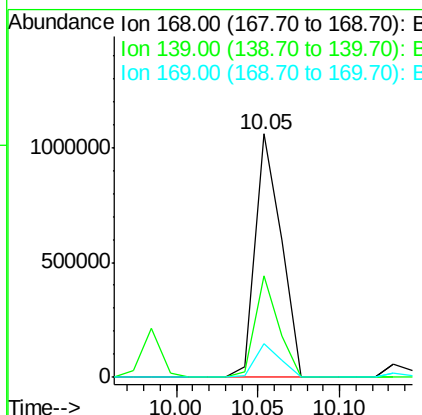
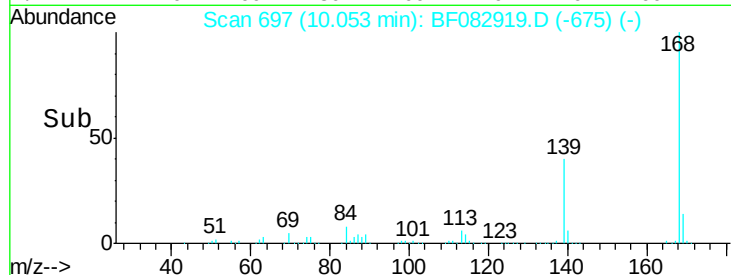
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1168369
Ion Ratio Lower Upper
168 100
139 41.4 37.8 56.6
169 14.1 11.3 16.9

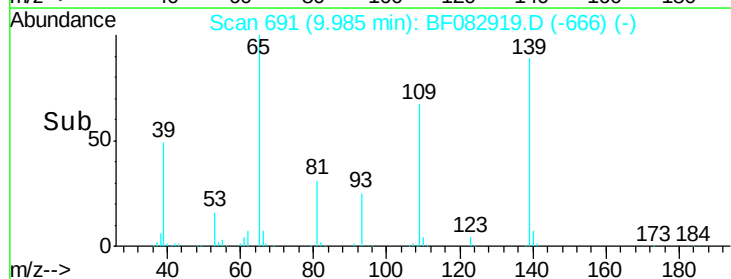
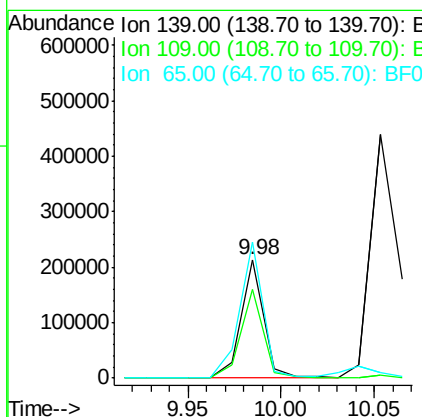
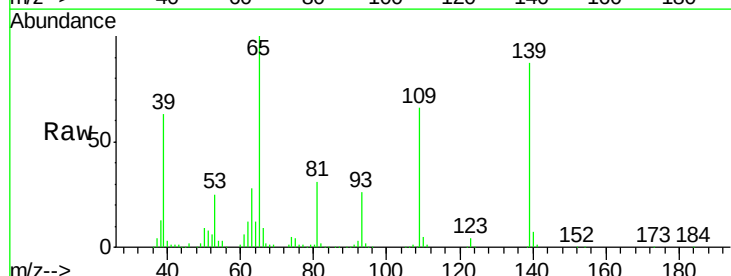
Manual Integrations
APPROVED

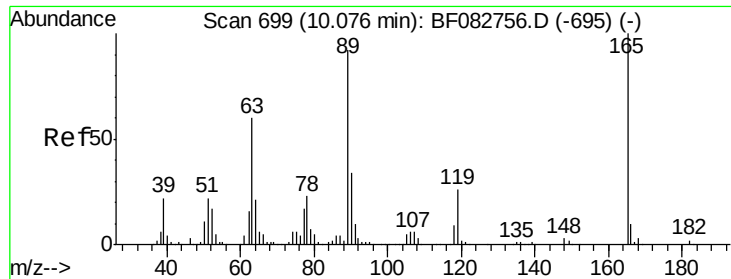
Mmdadoda
11/16/2015 12:44:07 PM



#55
4-Nitrophenol
Concen: 35.04 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion:139 Resp: 182990
Ion Ratio Lower Upper
139 100
109 75.1 73.7 113.7
65 114.4 82.9 122.9





#56

2,4-Dinitrotoluene

Concen: 40.99 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF082919.D

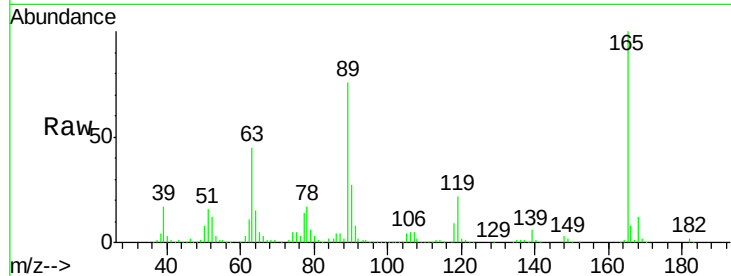
Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

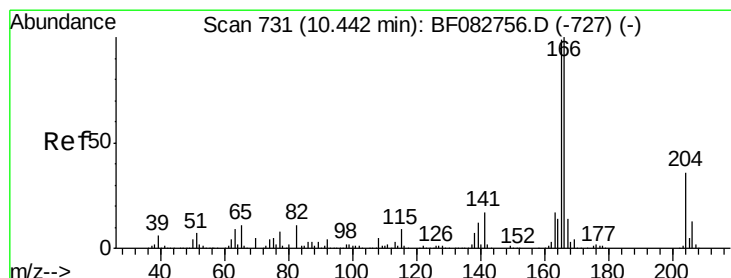
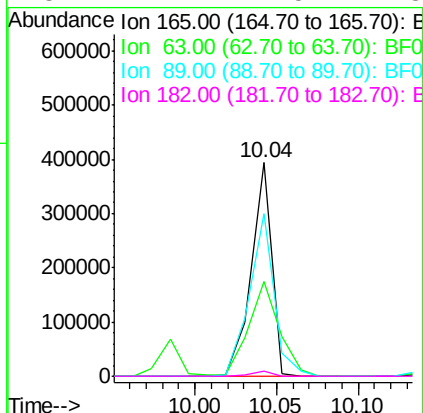
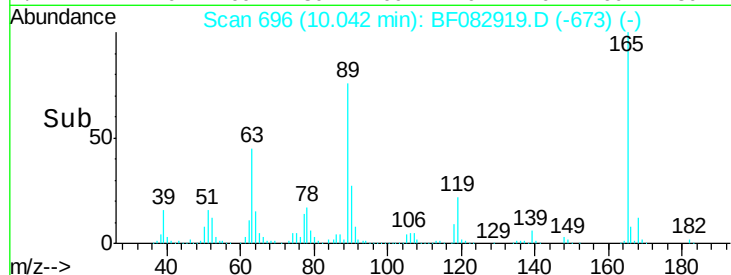
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	344264		
63	44.6	43.4	65.0	
89	75.9	70.6	106.0	
182	2.1	1.5	2.3	

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#57

Fluorene

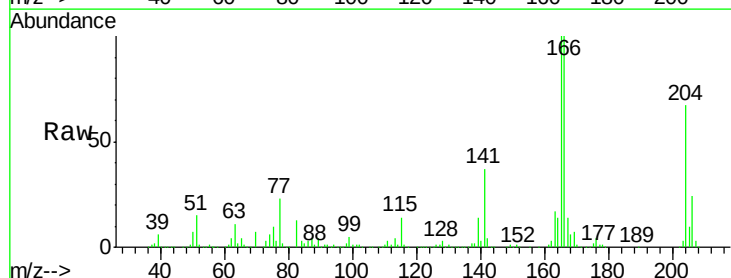
Concen: 34.65 ng

RT: 10.40 min Scan# 727

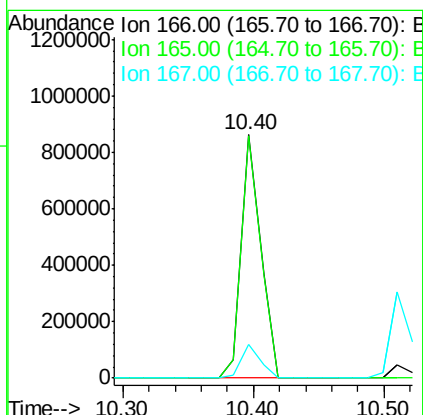
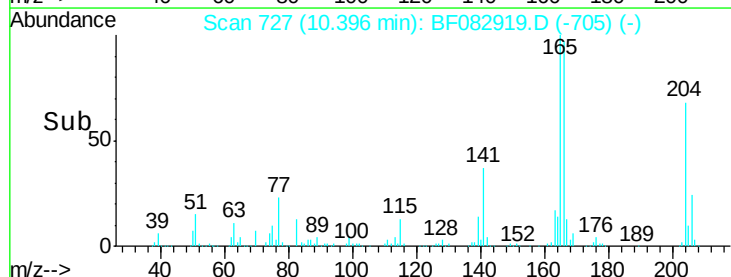
Delta R.T. -0.05 min

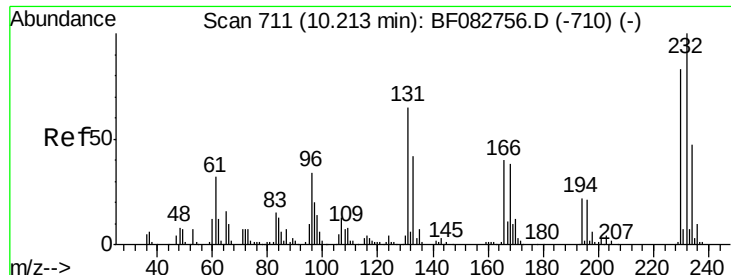
Lab File: BF082919.D

Acq: 14 Nov 2015 2:48



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	890583		
165	99.7	80.2	120.4	
167	13.9	11.2	16.8	





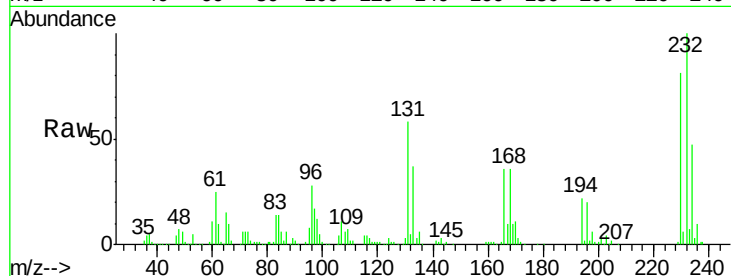
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.55 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

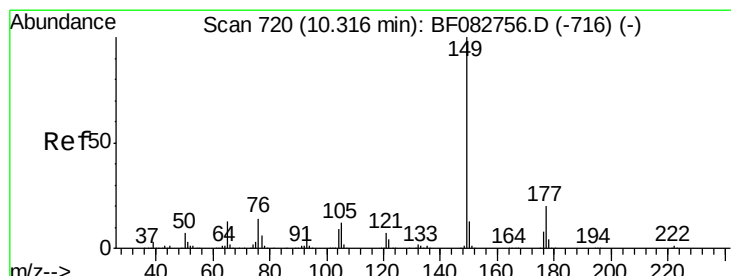
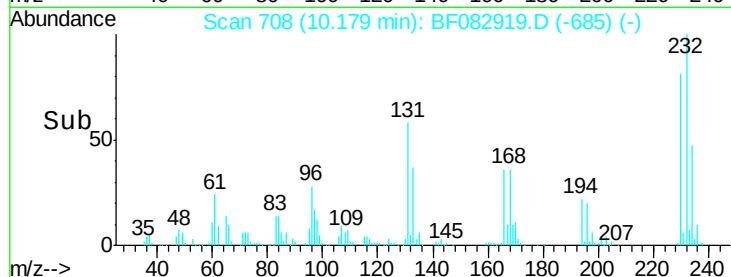
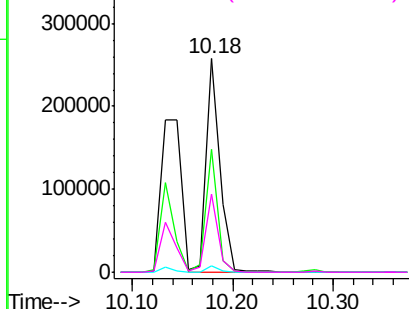
Tgt Ion:	232	Resp:	242249
Ion Ratio	Lower	Upper	
232	100		
131	49.6	46.2	69.2
130	2.4	2.4	3.6
166	32.5	28.2	42.2

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:07 PM

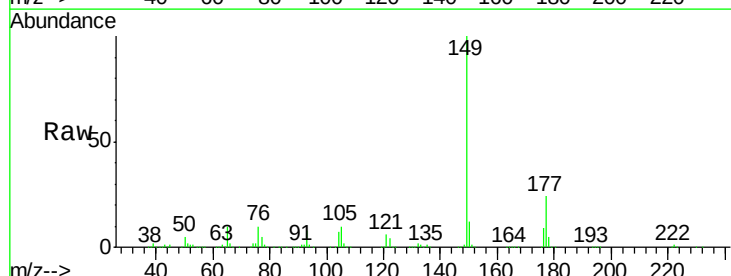


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

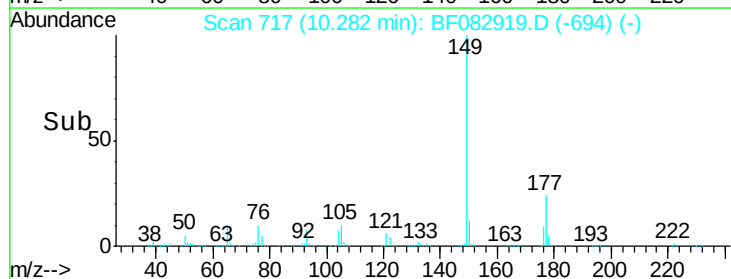
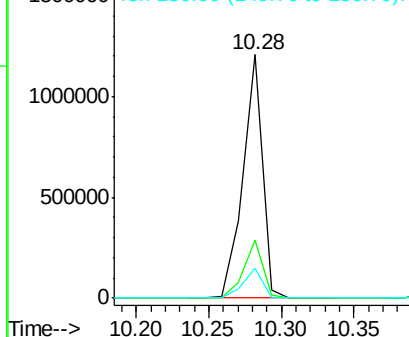


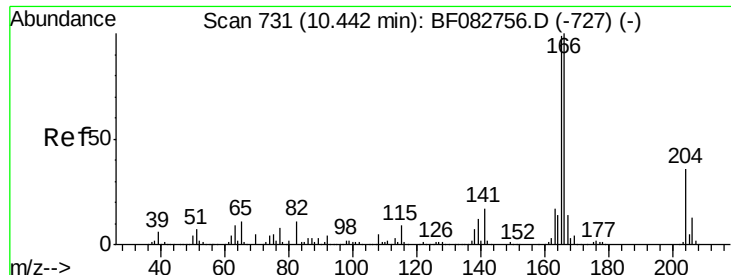
#59
 Diethylphthalate
 Concen: 39.67 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF082919.D
 Acq: 14 Nov 2015 2:48

Tgt Ion:	149	Resp:	1123613
Ion Ratio	Lower	Upper	
149	100		
177	23.7	17.9	26.9
150	12.5	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





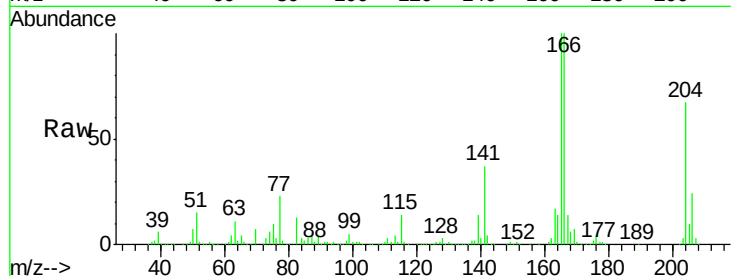
#60
4-Chlorophenyl-phenylether
Concen: 39.40 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

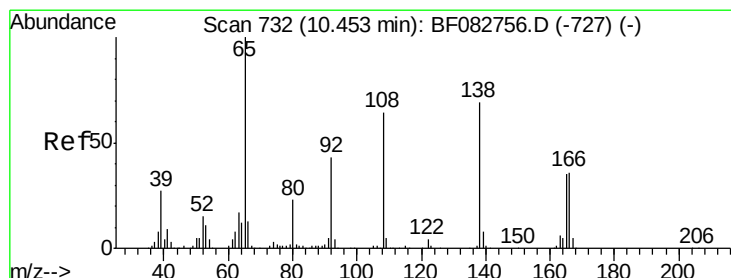
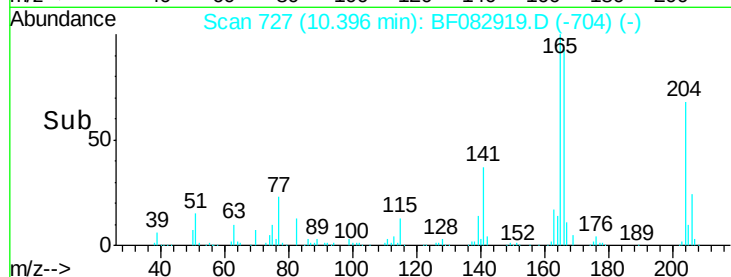
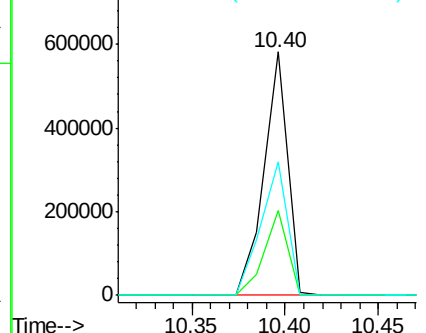
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.0	28.5	42.7
141	55.0	44.6	66.8

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM

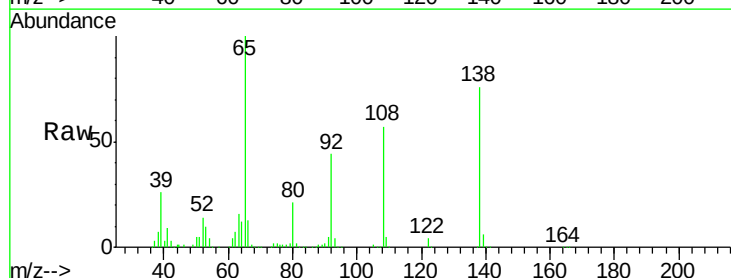


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

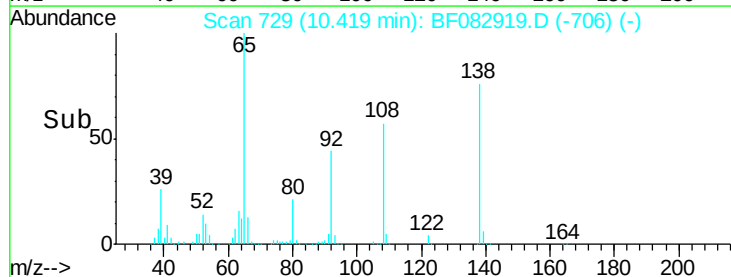
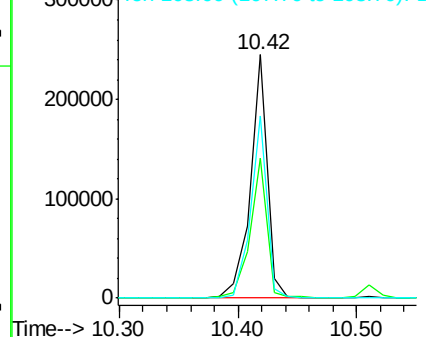


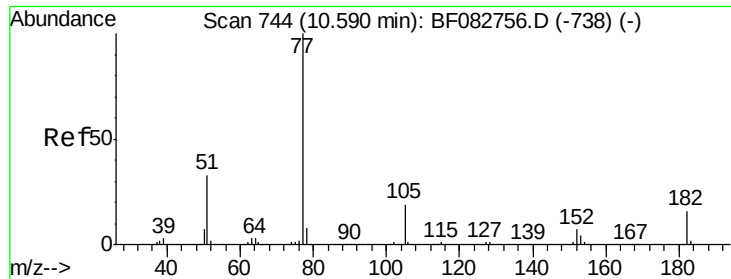
#61
4-Nitroaniline
Concen: 35.75 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	57.7	45.8	85.8
108	74.7	89.4	129.4



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





#62

Azobenzene

Concen: 41.60 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1265888

Ion Ratio Lower Upper

77 100

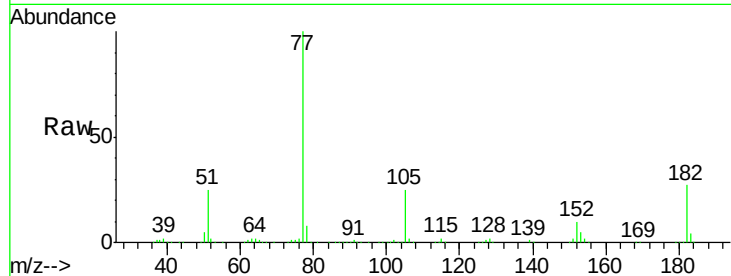
182 27.2 9.3 49.3

105 24.6 2.6 42.6

51 25.4 9.9 49.9

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM

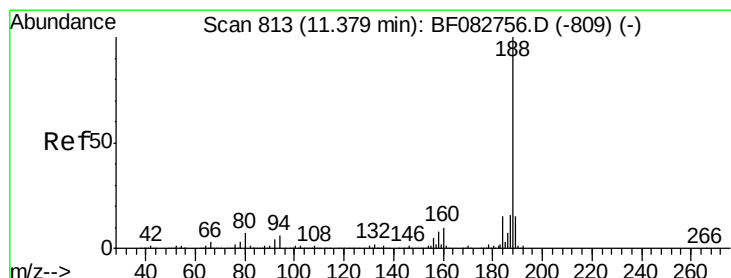
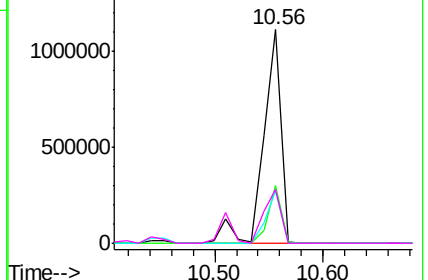
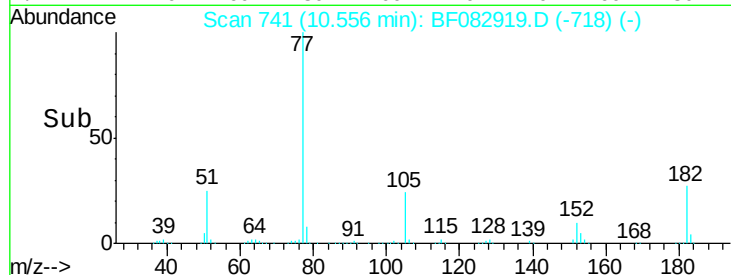


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

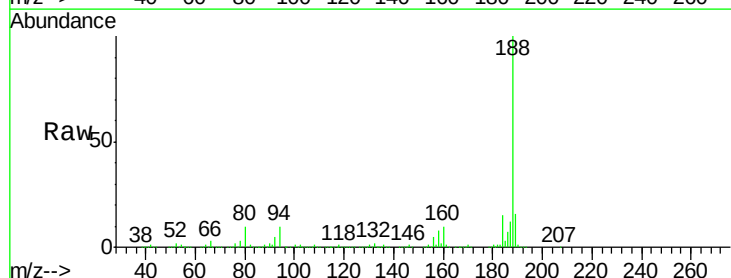
Tgt Ion: 188 Resp: 638140

Ion Ratio Lower Upper

188 100

94 9.5 6.1 9.1#

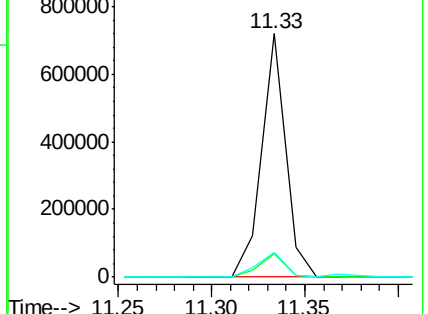
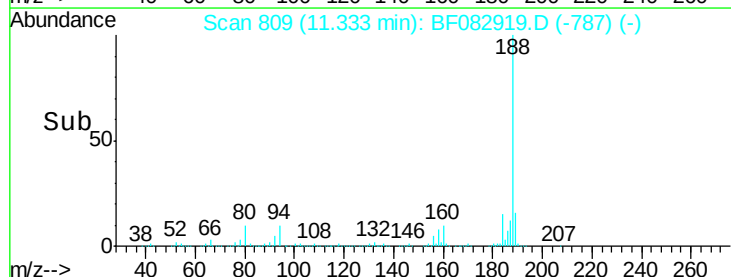
80 10.1 7.0 10.6

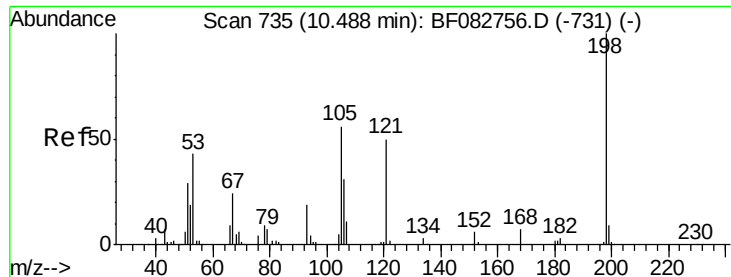


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 17.67 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF082919.D

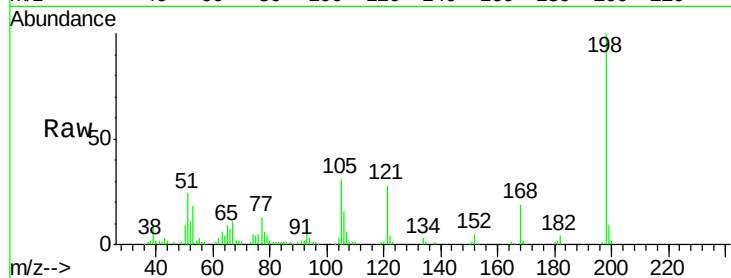
Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

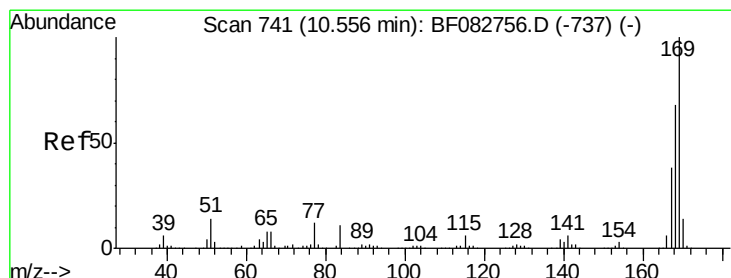
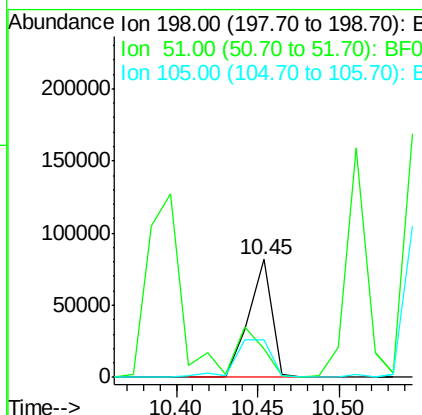
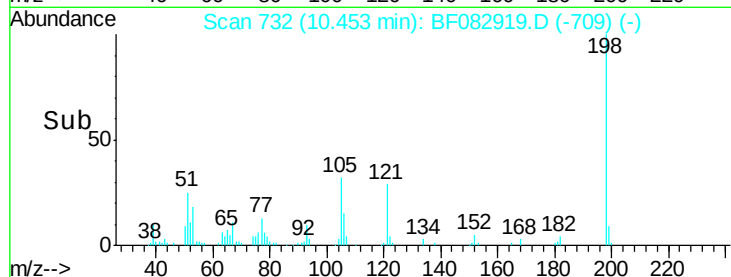
SSTDCCC040



Tgt Ion:	198	Resp:	80311
Ion Ratio	Lower	Upper	
198	100		
51	24.2	17.3	57.3
105	31.4	21.7	61.7

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#65

n-Nitrosodiphenylamine

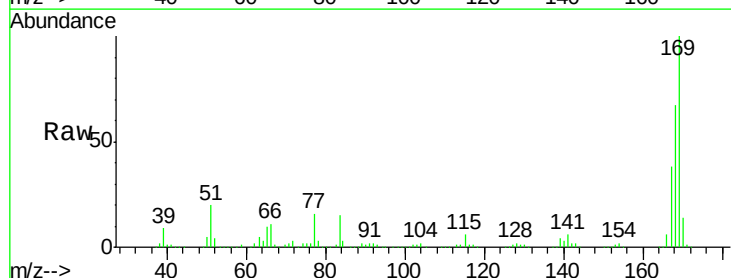
Concen: 36.60 ng

RT: 10.51 min Scan# 737

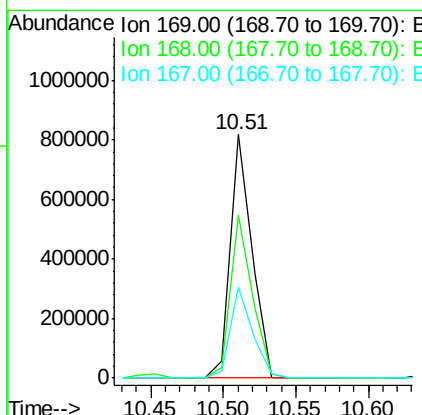
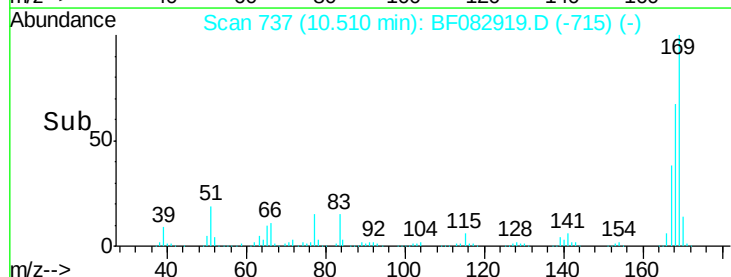
Delta R.T. -0.05 min

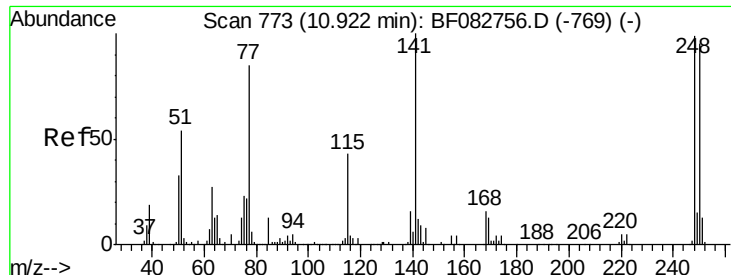
Lab File: BF082919.D

Acq: 14 Nov 2015 2:48



Tgt Ion:	169	Resp:	843656
Ion Ratio	Lower	Upper	
169	100		
168	66.8	55.0	82.6
167	37.6	30.5	45.7





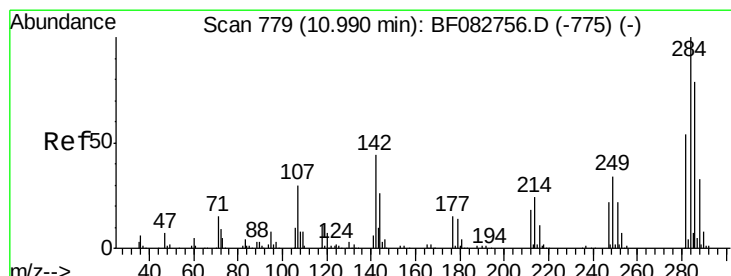
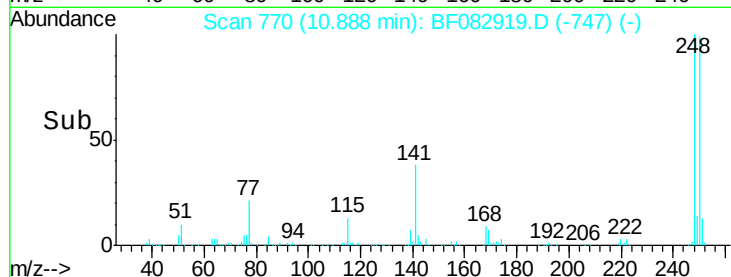
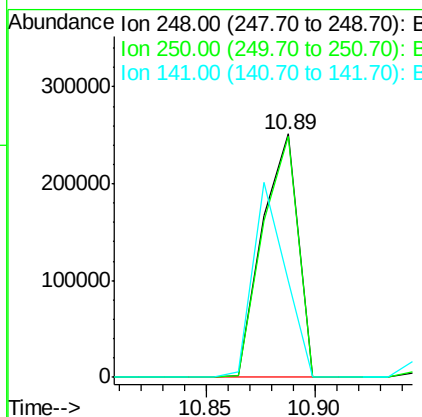
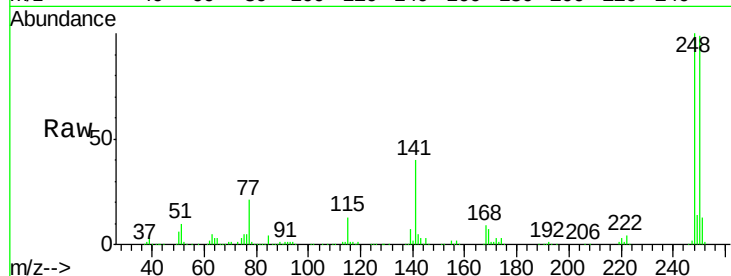
#66
4-Bromophenyl-phenylether
Concen: 37.60 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	288913		
250	98.8	79.4	119.2	
141	39.9	36.3	54.5	

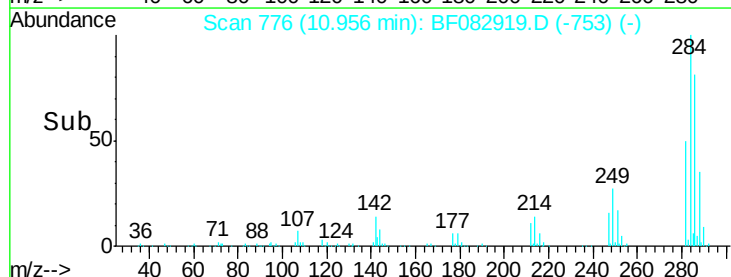
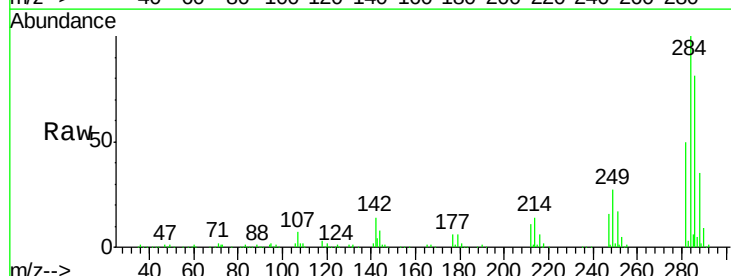
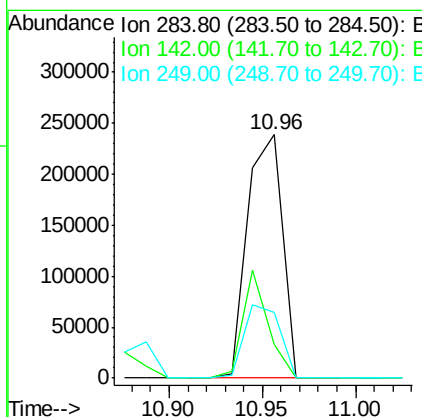
Manual Integrations
APPROVED

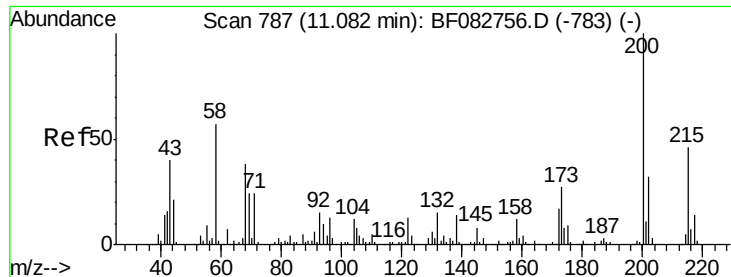
Mmdadoda
11/16/2015 12:44:07 PM



#67
Hexachlorobenzene
Concen: 36.08 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	309582		
142	14.0	47.9	71.9#	
249	27.2	29.7	44.5#	





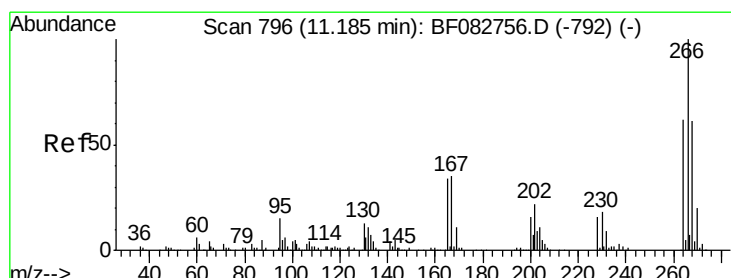
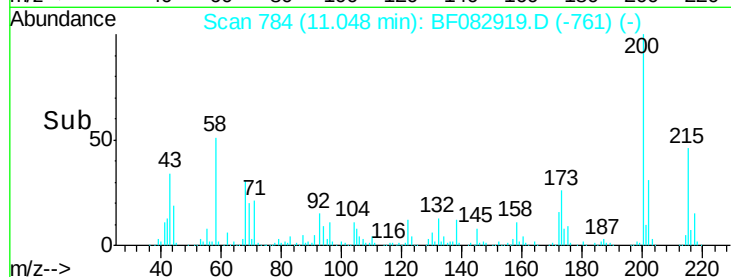
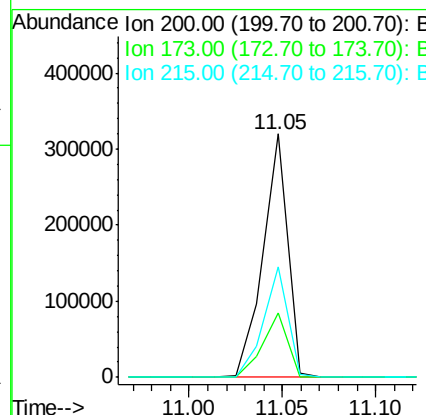
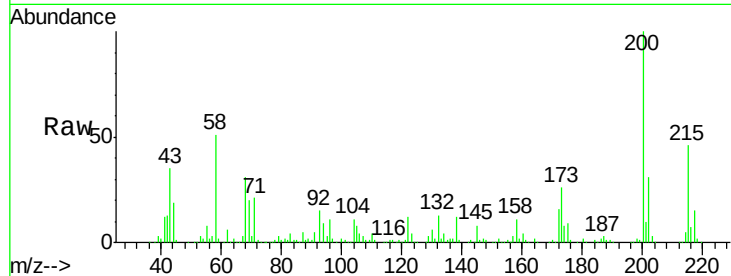
#68
Atrazine
Concen: 40.86 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.9	46.9
215	45.5	22.9	62.9

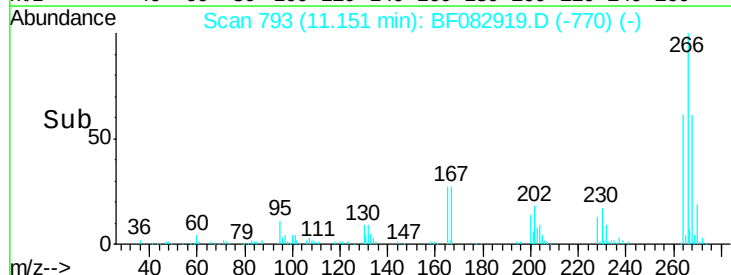
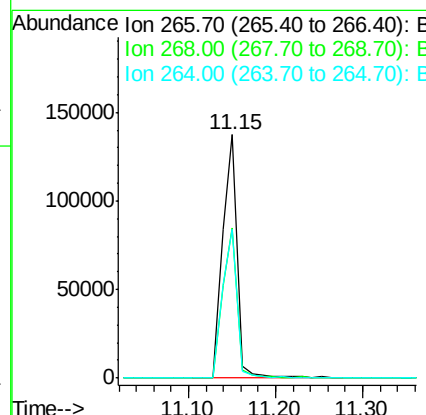
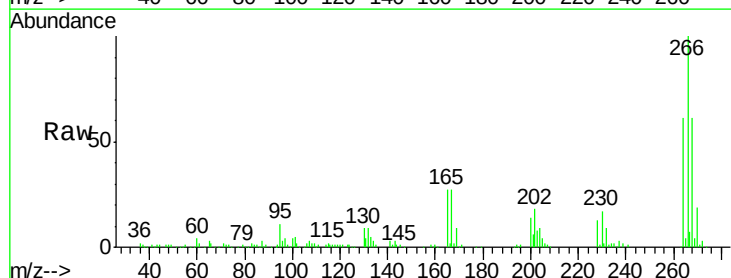
Manual Integrations
APPROVED

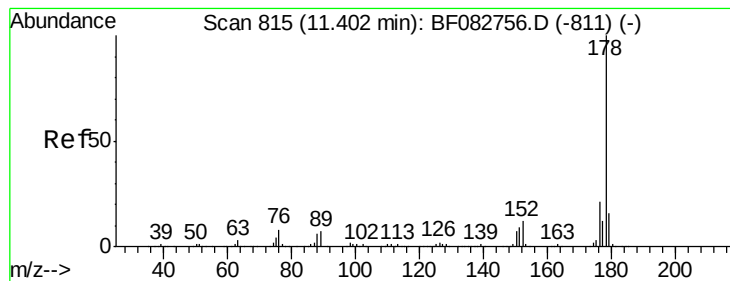
Mmdadoda
11/16/2015 12:44:07 PM



#69
Pentachlorophenol
Concen: 31.43 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.5	51.0	76.6
264	61.1	50.6	75.8





#70

Phenanthrene

Concen: 33.90 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1256461

Ion Ratio Lower Upper

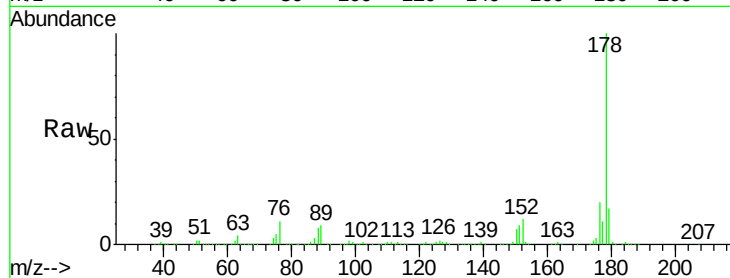
178 100

176 20.1 17.0 25.4

179 16.6 13.4 20.0

Manual Integrations
APPROVED

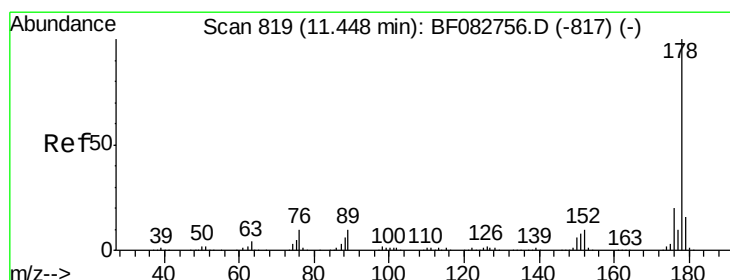
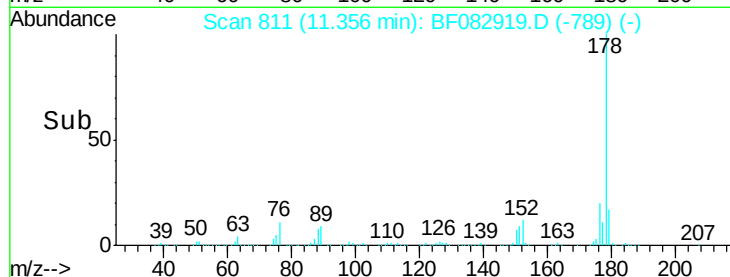
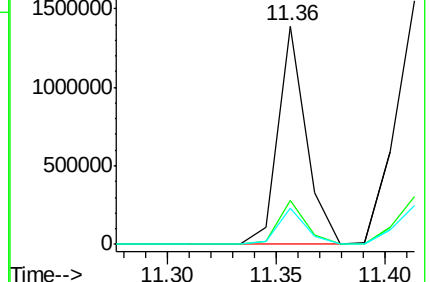
Mmdadoda
11/16/2015 12:44:07 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.19 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:178 Resp: 1490726

Ion Ratio Lower Upper

178 100

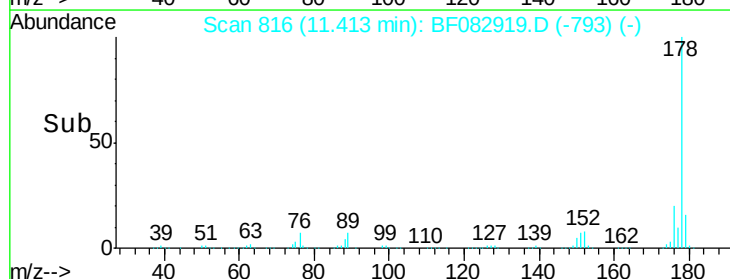
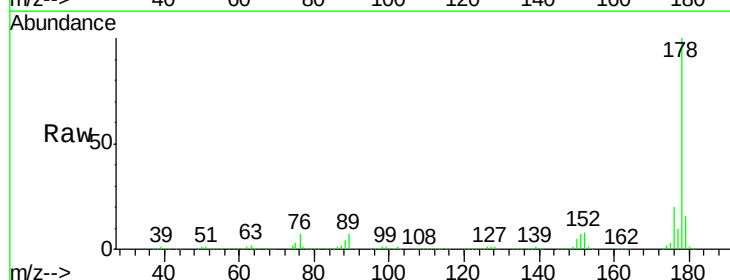
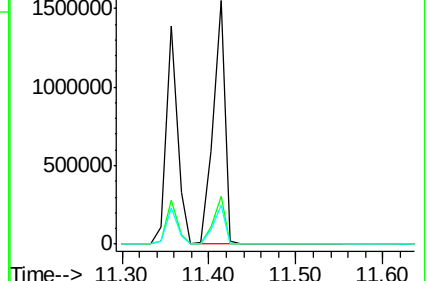
176 19.6 16.5 24.7

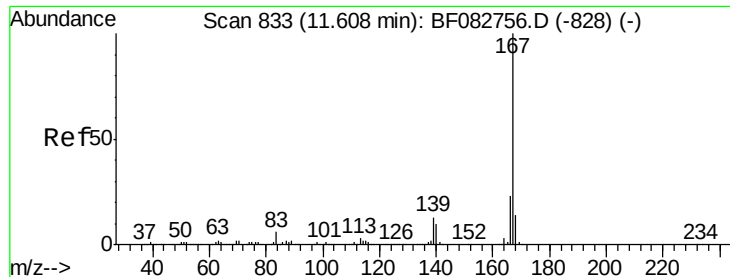
179 15.9 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.94 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1159891

Ion Ratio Lower Upper

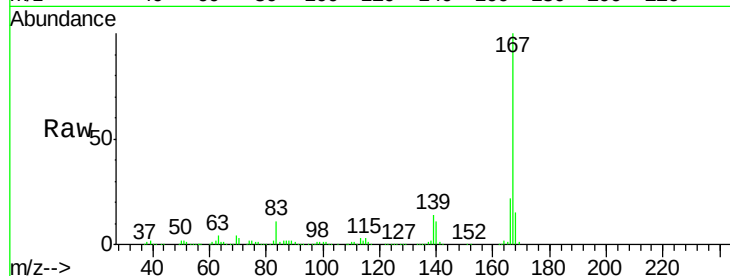
167 100

166 21.7 18.7 28.1

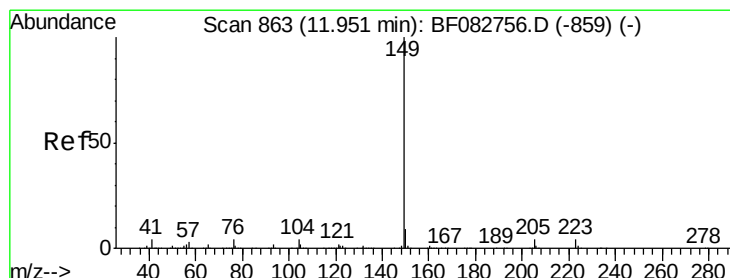
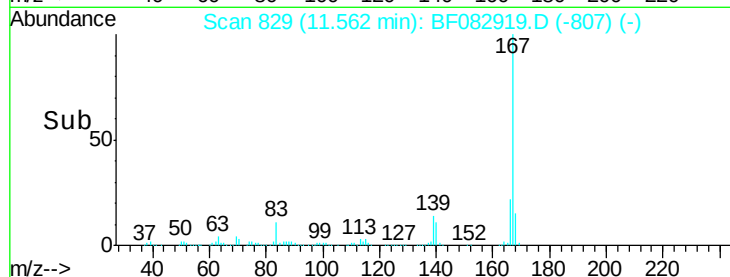
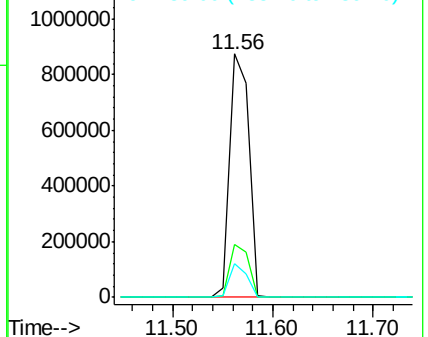
139 14.0 11.8 17.6

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



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



#73

Di-n-butylphthalate

Concen: 39.24 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

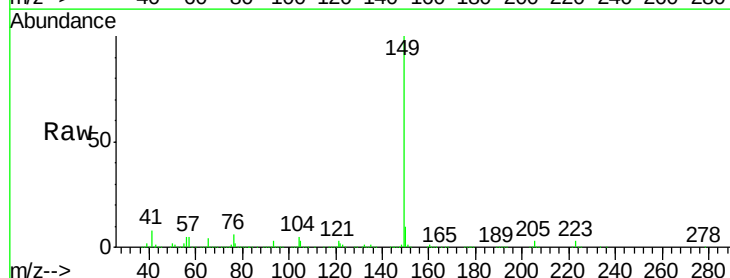
Tgt Ion:149 Resp: 1670462

Ion Ratio Lower Upper

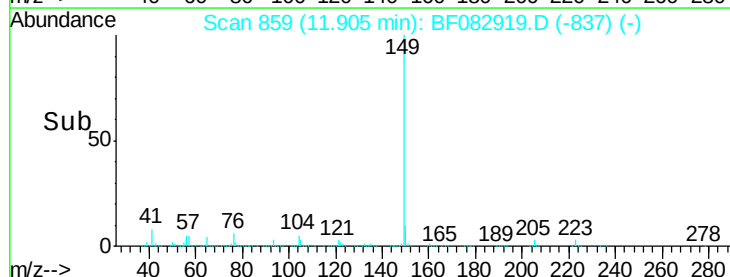
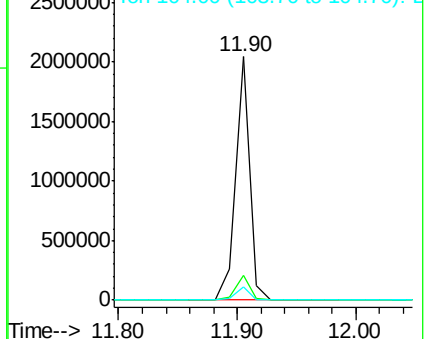
149 100

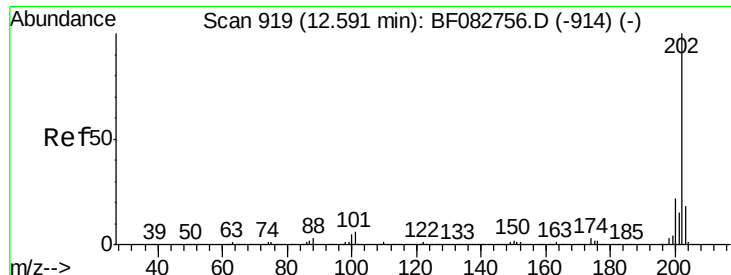
150 10.0 8.1 12.1

104 5.4 5.2 7.8



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





#74

Fluoranthene

Concen: 30.55 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF082919.D

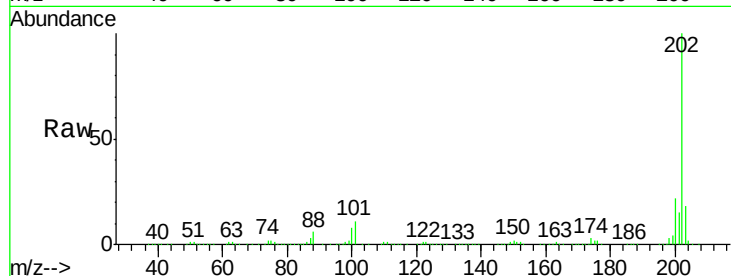
Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

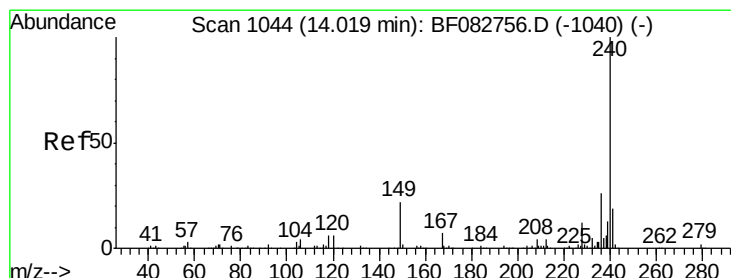
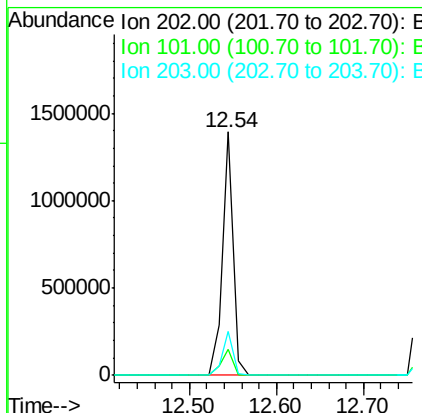
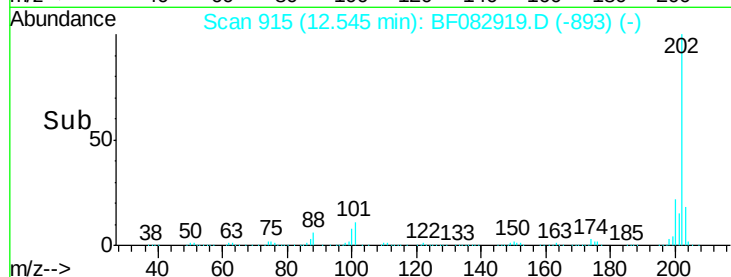
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1214827		
101	10.8	0.0	30.5	
203	18.3	0.0	38.5	

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#75

Chrysene-d12

Concen: 20.00 ng

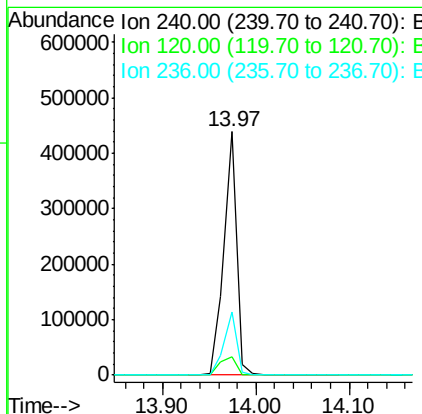
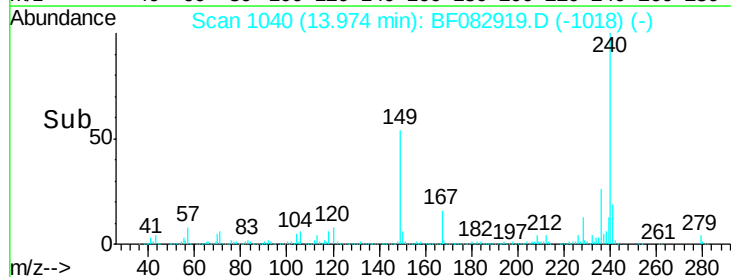
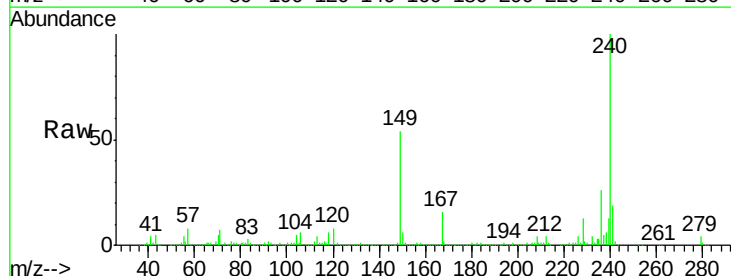
RT: 13.97 min Scan# 1040

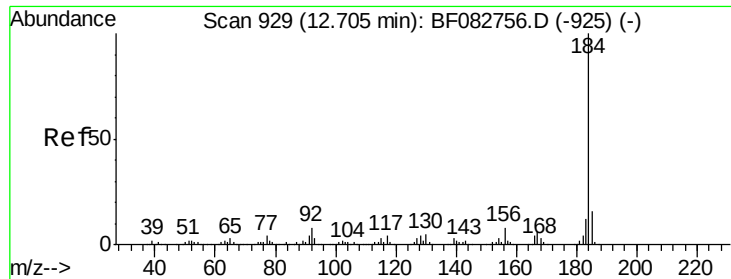
Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	416426		
120	7.6	10.9	16.3#	
236	25.8	21.6	32.4	





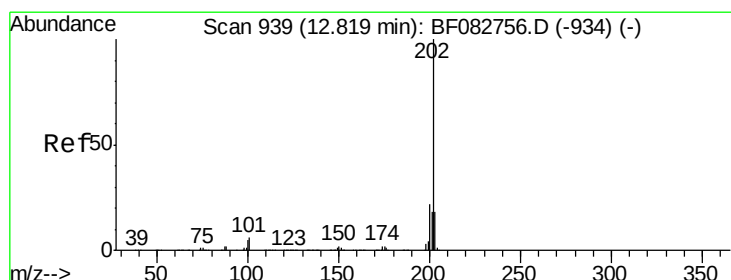
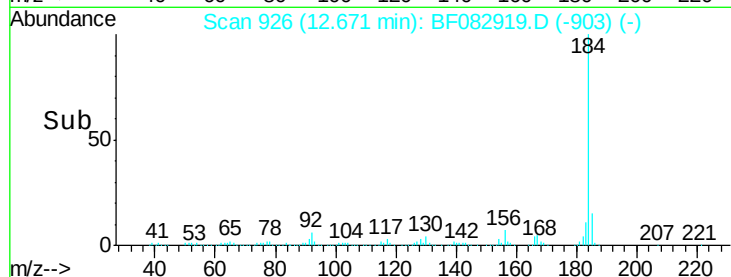
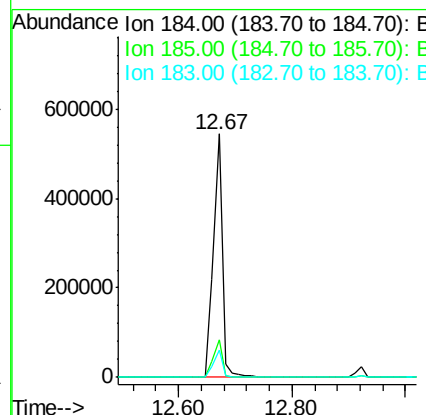
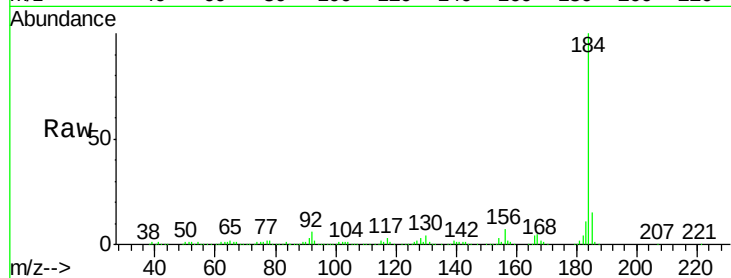
#76
Benzidine
Concen: 40.76 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	12.0	18.0	
183	11.5	9.6	14.4	

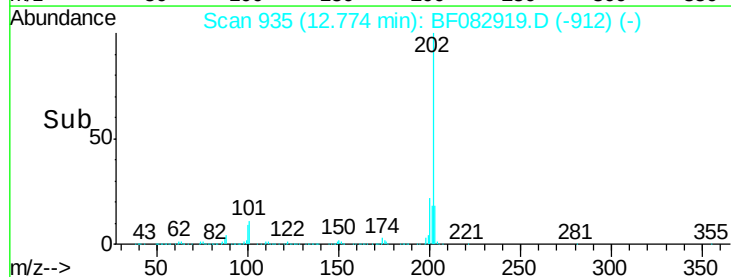
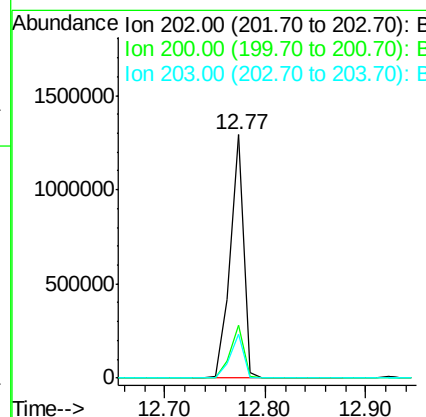
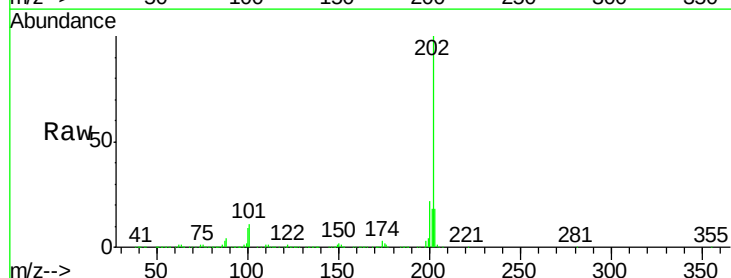
Manual Integrations
APPROVED

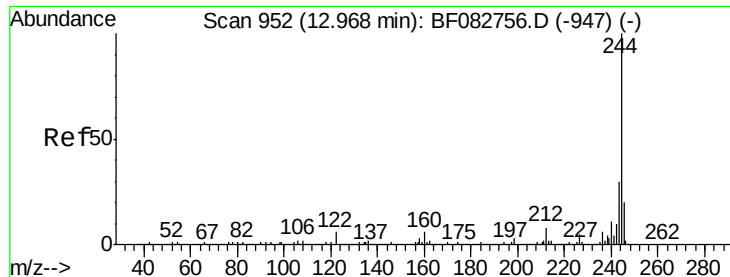
Mmdadoda
11/16/2015 12:44:07 PM



#77
Pyrene
Concen: 42.08 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	18.7	28.1	
203	18.0	14.8	22.2	





#78

Terphenyl-d14

Concen: 82.27 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1444382

Ion Ratio Lower Upper

244 100

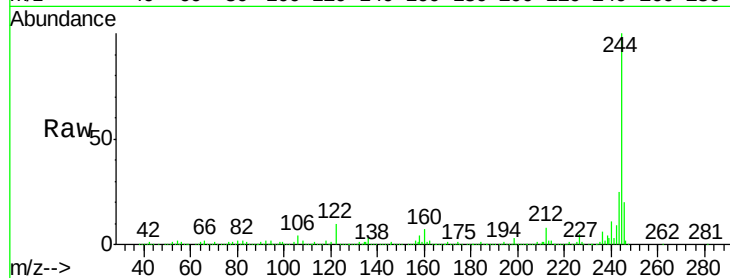
212 8.1 7.6 11.4

122 10.2 11.3 16.9#

Manual Integrations
APPROVED

Mmdadoda

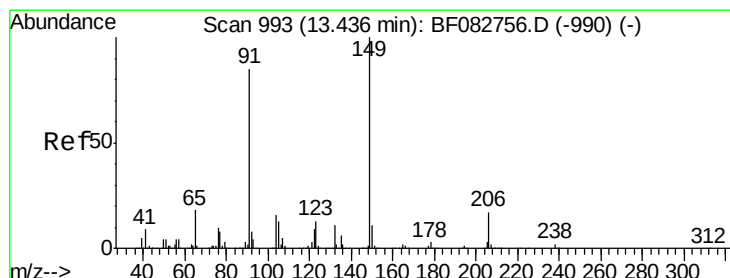
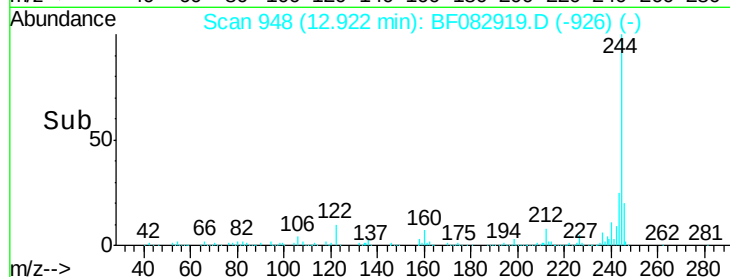
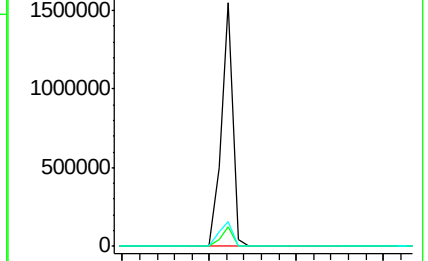
11/16/2015 12:44:07 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.96 ng

RT: 13.40 min Scan# 990

Delta R.T. -0.03 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

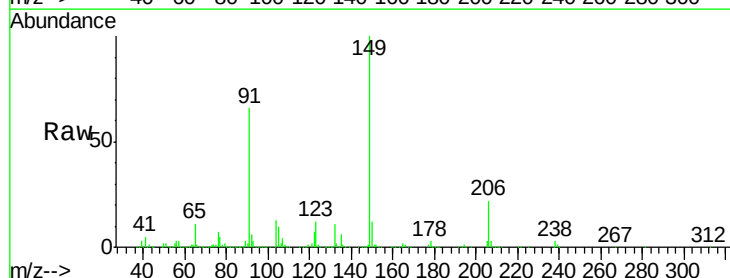
Tgt Ion:149 Resp: 593311

Ion Ratio Lower Upper

149 100

91 66.1 67.7 101.5#

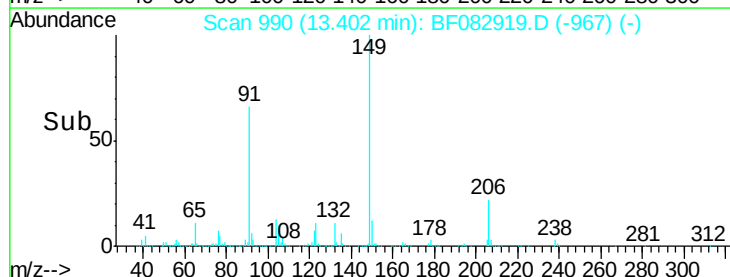
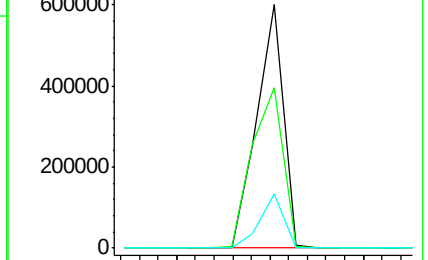
206 22.3 14.6 22.0#

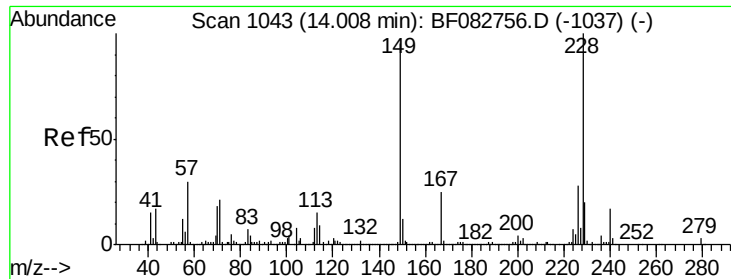


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.89 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

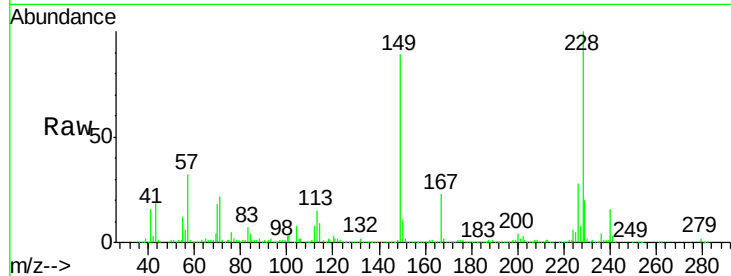
ClientSampleId :

SSTDCCC040

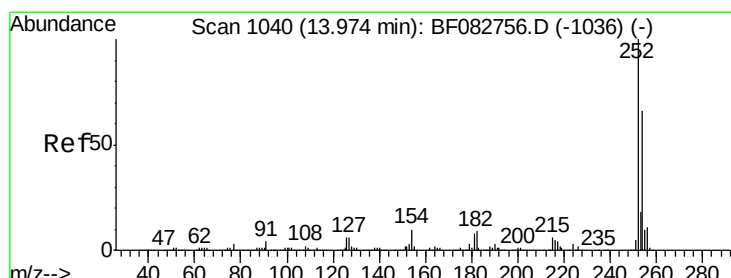
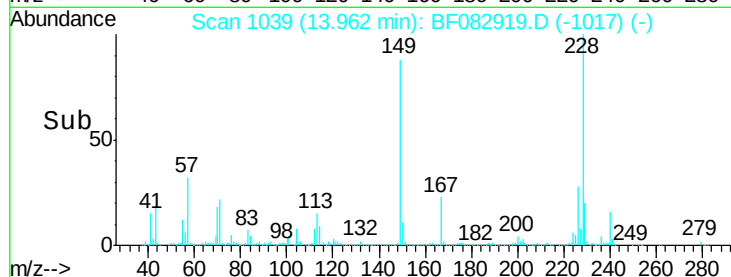
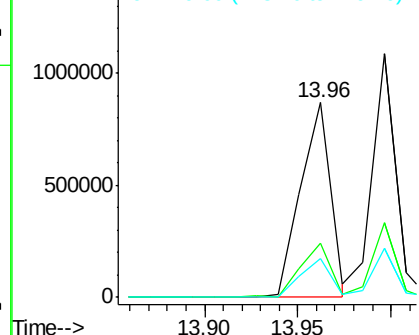
Tgt Ion:	228	Resp:	960625
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.4	35.2
229	20.0	16.3	24.5

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



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



#81

3,3'-Dichlorobenzidine

Concen: 40.32 ng

RT: 13.93 min Scan# 1036

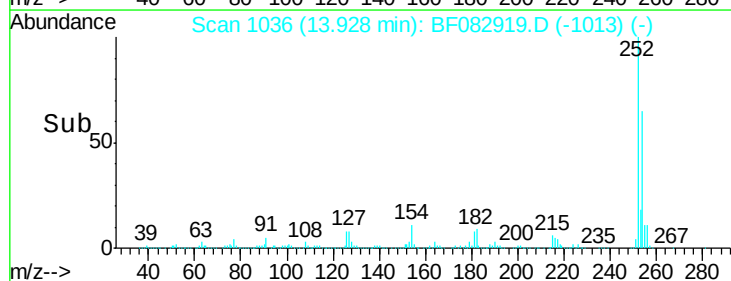
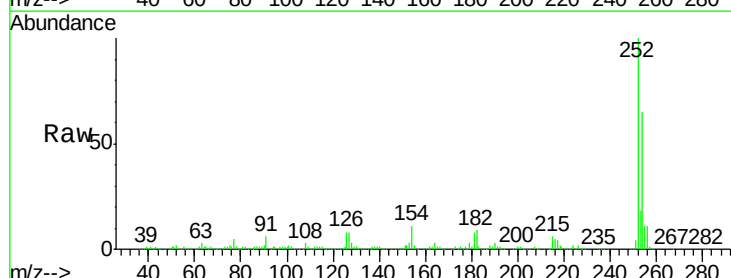
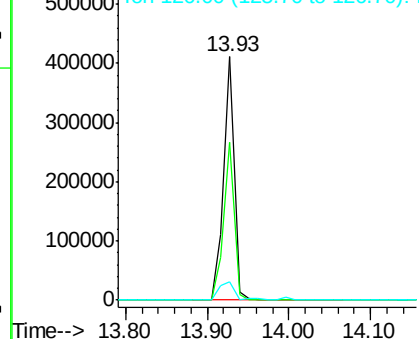
Delta R.T. -0.03 min

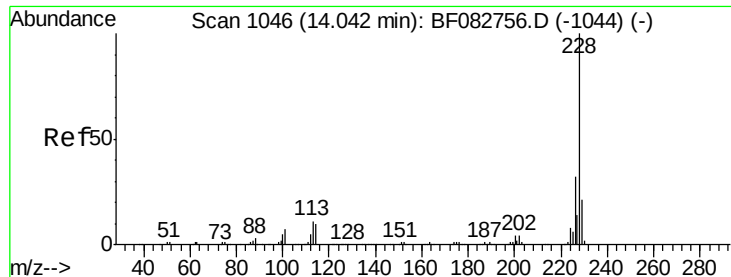
Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	252	Resp:	373282
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.4	77.0
126	7.7	10.7	16.1#

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: 39.36 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

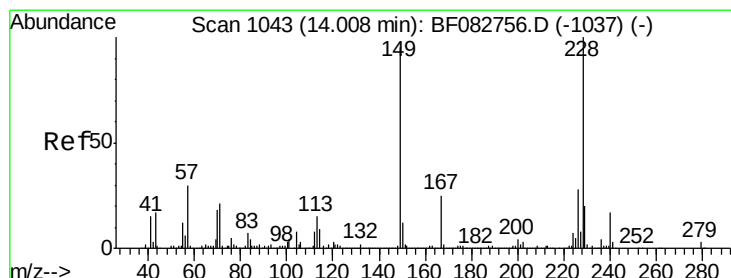
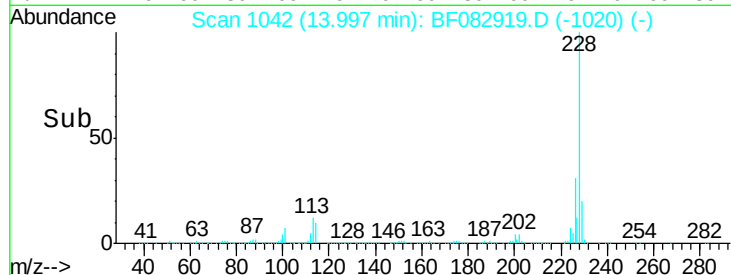
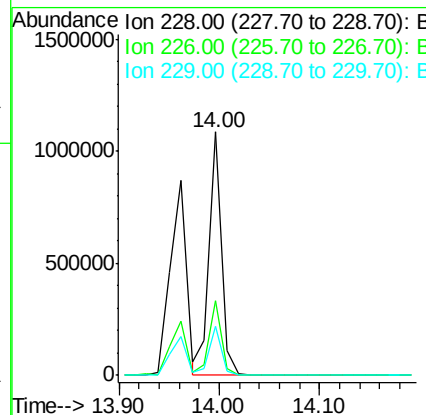
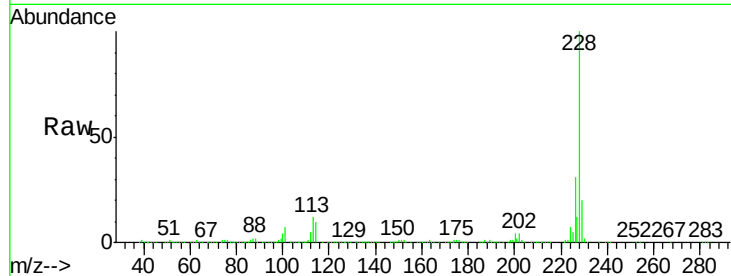
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	938702
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.5	38.3
229	20.3	16.3	24.5

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.35 ng

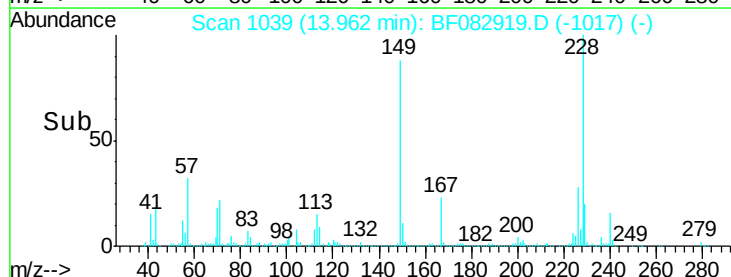
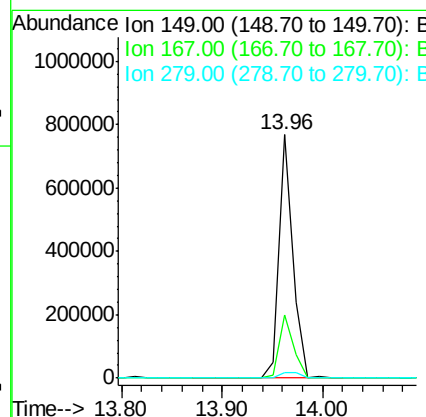
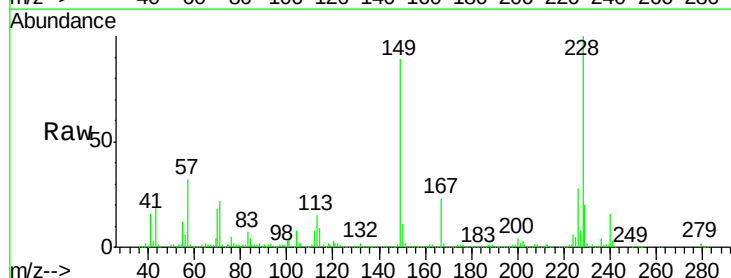
RT: 13.96 min Scan# 1039

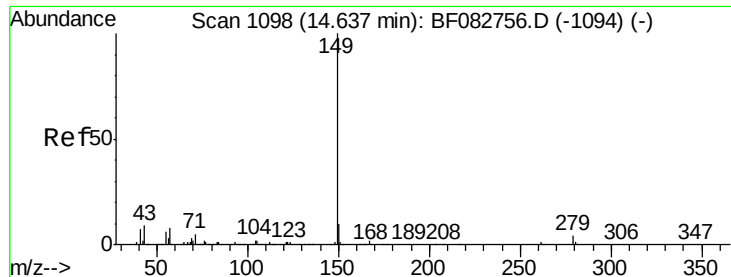
Delta R.T. -0.05 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	149	Resp:	732295
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.2	31.8
279	2.4	2.2	3.2





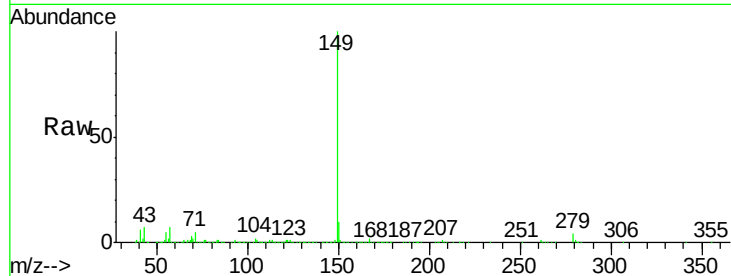
#84
Di-n-octyl phthalate
Concen: 45.39 ng
RT: 14.58 min Scan# 1093
Delta R.T. -0.06 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

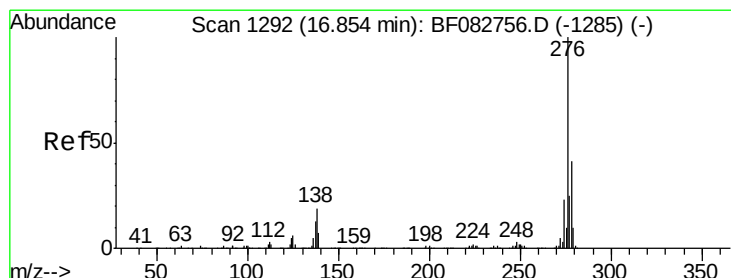
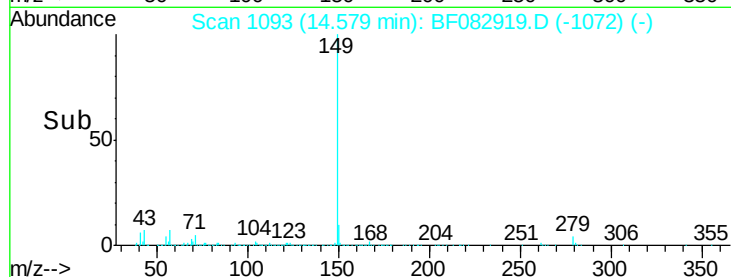
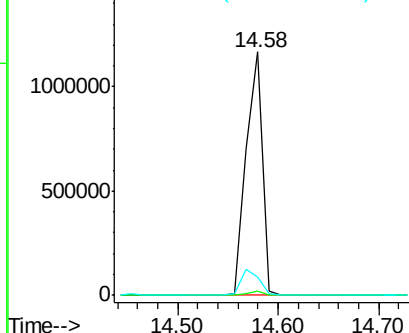
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.3	10.1	15.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM

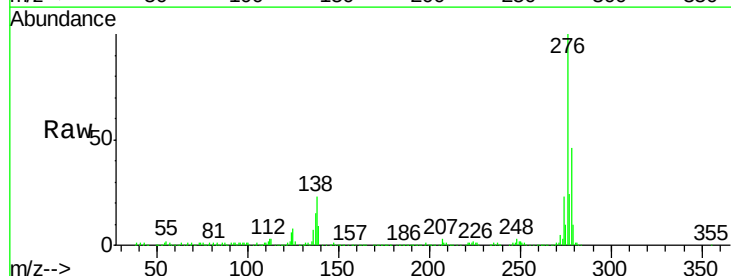


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

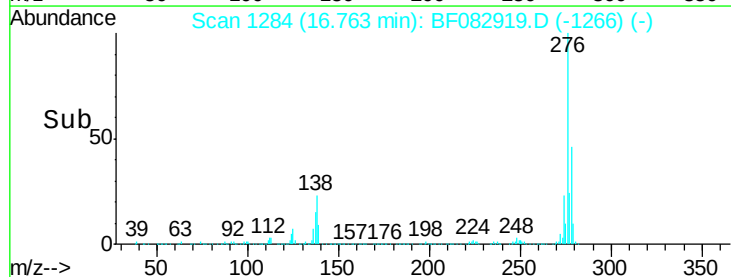
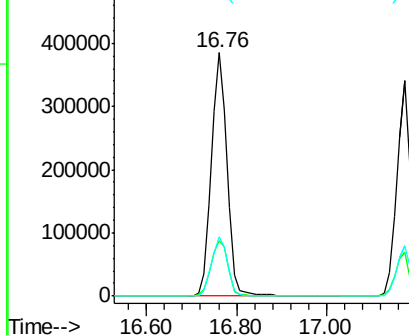


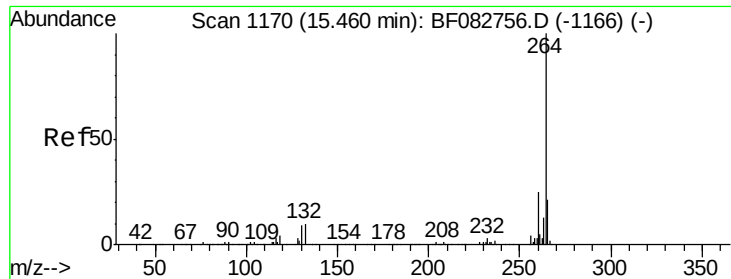
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.78 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.09 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	15.3	22.9#
277	24.8	20.2	30.4



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





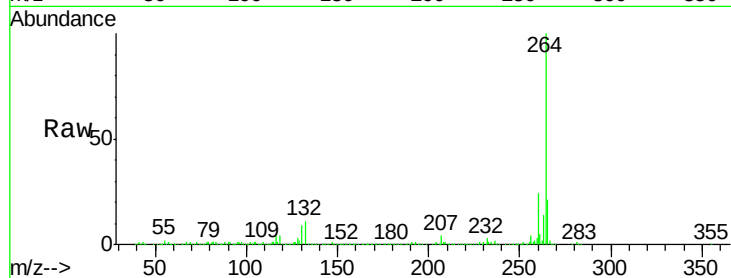
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

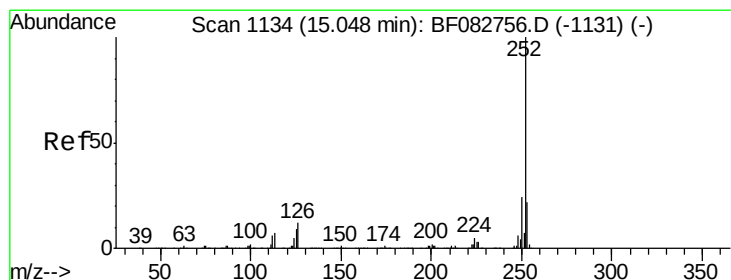
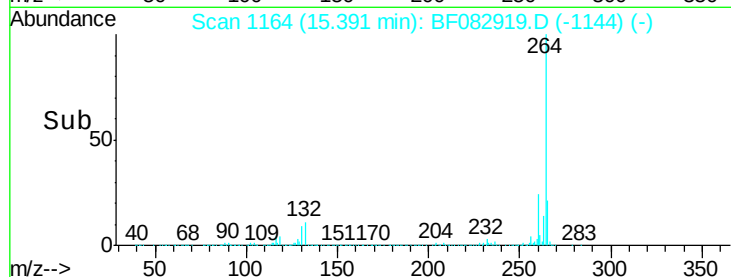
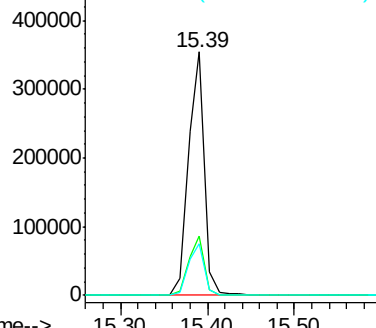
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.3	17.4	26.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



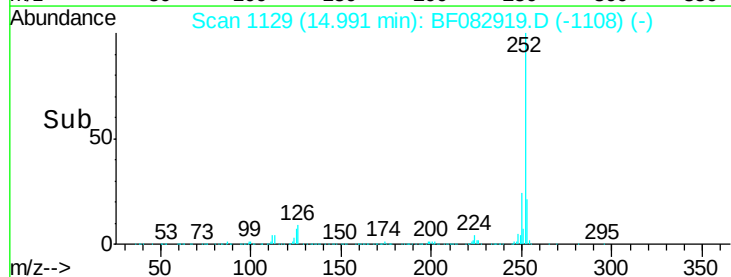
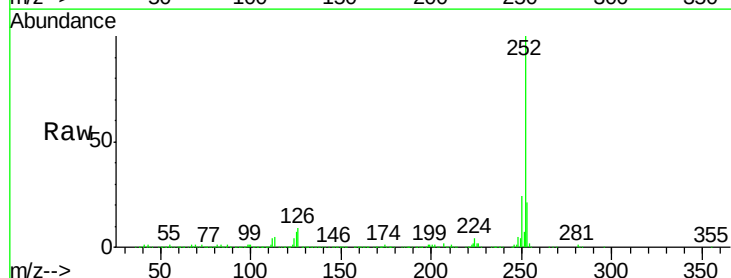
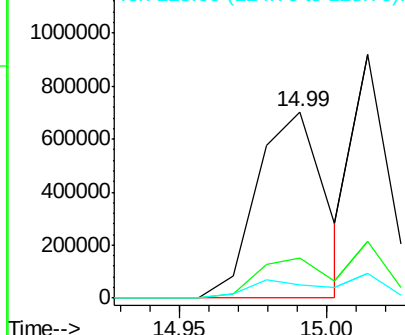
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

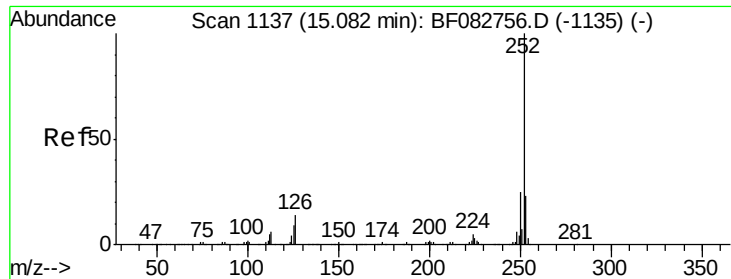


#87
Benzo(b)fluoranthene
Concen: 38.57 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.06 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	7.1	5.4	8.2

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





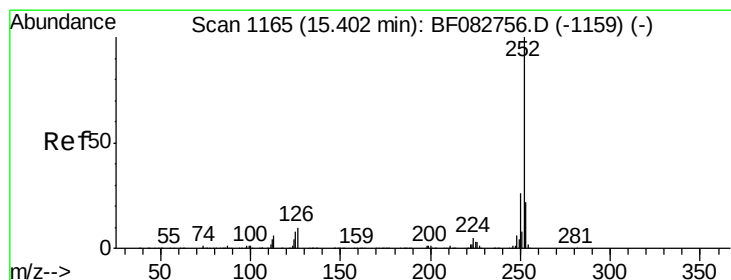
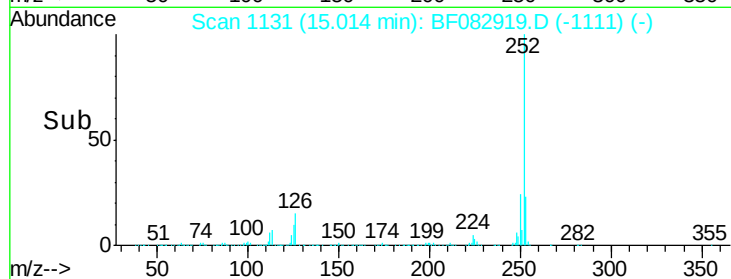
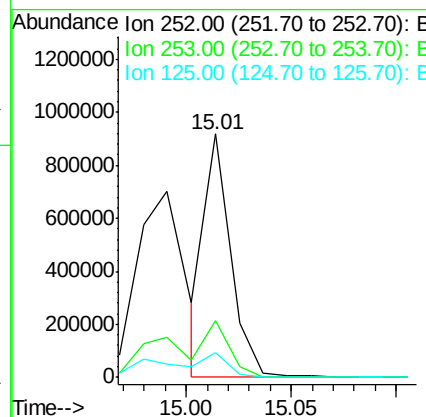
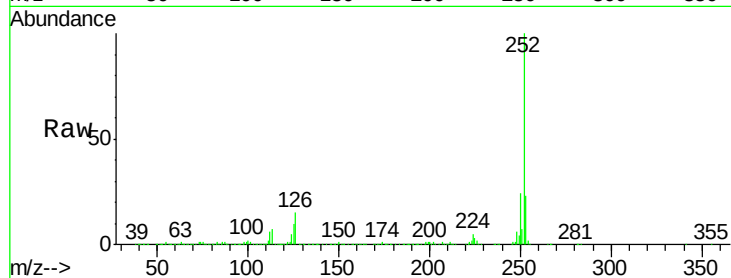
#88
Benzo(k)fluoranthene
Concen: 30.55 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.07 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.1	3.5	5.3

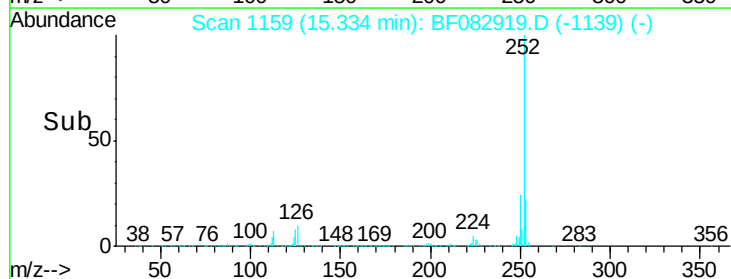
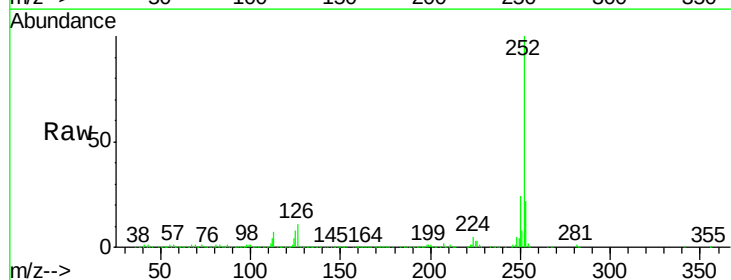
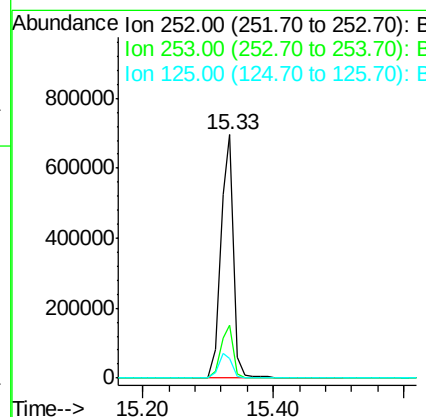
Manual Integrations
APPROVED

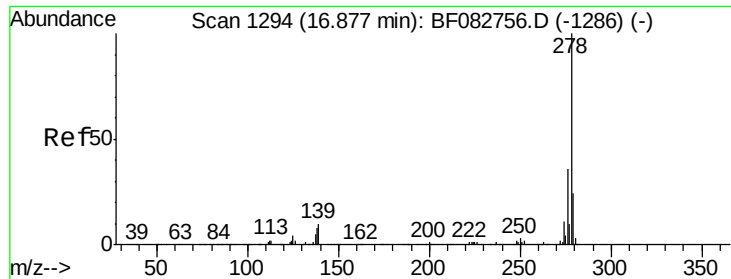
Mmdadoda
11/16/2015 12:44:07 PM



#89
Benzo(a)pyrene
Concen: 37.66 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.07 min
Lab File: BF082919.D
Acq: 14 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.3	7.1	10.7





#90

Dibenzo(a,h)anthracene

Concen: 36.94 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Instrument :

BNA_F

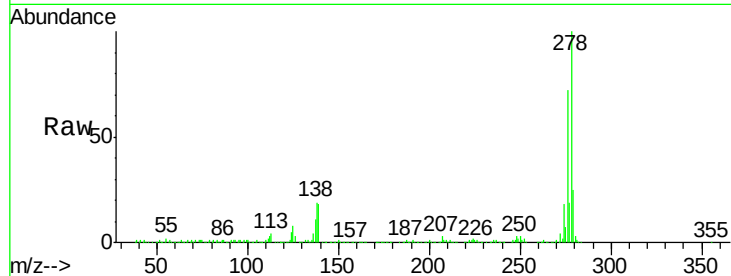
ClientSampleId :

SSTDCCC040

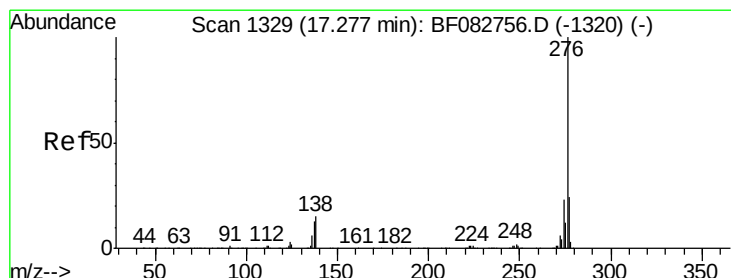
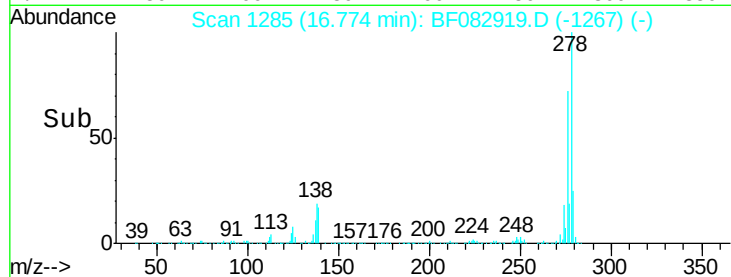
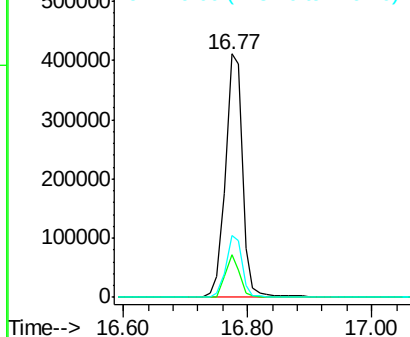
Tgt Ion:	278	Resp:	791594
Ion Ratio	Lower	Upper	
278	100		
139	17.5	9.9	14.9#
279	25.3	19.6	29.4

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:07 PM



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(g,h,i)perylene

Concen: 34.26 ng

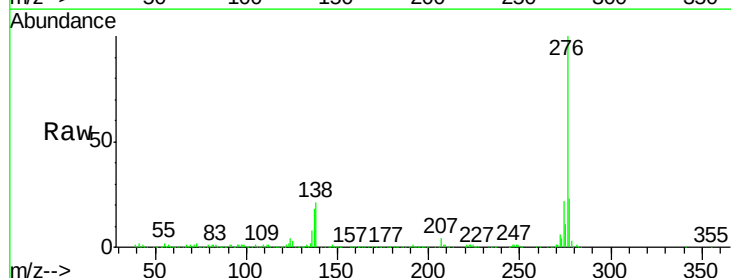
RT: 17.17 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF082919.D

Acq: 14 Nov 2015 2:48

Tgt Ion:	276	Resp:	703087
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	20.5	13.1	19.7#



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

