

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081269.D
 Acq On : 29 Aug 2015 14:07
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM

Quant Time: Aug 31 01:17:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 01:11:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	61786	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	257517	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	128285	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	241707	20.00	ng	0.00
75) Chrysene-d12	13.60	240	202851	20.00	ng	0.00
86) Perylene-d12	14.92	264	164317	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.03	112	318081	77.43	ng	0.00
7) Phenol-d6	6.14	99	449207	83.81	ng	0.00
23) Nitrobenzene-d5	7.06	82	424151	75.24	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	87915	79.06	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	685263	69.99	ng	0.00
78) Terphenyl-d14	12.57	244	738227	78.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.85	88	81232	41.97	ng	# 92
3) Pyridine	2.43	79	206986	37.88	ng	# 79
4) n-Nitrosodimethylamine	2.40	42	128764	42.33	ng	# 79
6) Aniline	6.15	93	314363	40.34	ng	# 62
8) 2-Chlorophenol	6.26	128	178911	39.79	ng	98
9) Benzaldehyde	6.02	77	142293	41.18	ng	93
10) Phenol	6.16	94	270406	42.72	ng	# 68
11) bis(2-Chloroethyl)ether	6.24	93	201834	41.55	ng	96
12) 1,3-Dichlorobenzene	6.42	146	211722	43.82	ng	97
13) 1,4-Dichlorobenzene	6.50	146	209073	43.70	ng	99
14) 1,2-Dichlorobenzene	6.65	146	160060	35.75	ng	97
15) Benzyl Alcohol	6.65	79	187922	43.34	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.79	45	397630	41.66	ng	98
17) 2-Methylphenol	6.77	107	157532	40.83	ng	95
18) Hexachloroethane	6.99	117	81156	41.99	ng	98
19) n-Nitroso-di-n-propylamine	6.93	70	155180	41.80	ng	89
20) 3+4-Methylphenols	6.93	107	191824	39.17	ng	# 48
22) Acetophenone	6.91	105	285236	42.19	ng	# 85
24) Nitrobenzene	7.09	77	261471	44.36	ng	94
25) Isophorone	7.33	82	443010	42.14	ng	99
26) 2-Nitrophenol	7.39	139	91638	37.38	ng	89
27) 2,4-Dimethylphenol	7.45	122	157535	36.33	ng	96
28) bis(2-Chloroethoxy)methane	7.55	93	251559	40.51	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	157299	43.09	ng	92
30) 1,2,4-Trichlorobenzene	7.73	180	160609	39.58	ng	97
31) Naphthalene	7.79	128	533496	37.17	ng	98
32) Benzoic acid	7.61	122	117894	48.33	ng	96
33) 4-Chloroaniline	7.85	127	235563	38.89	ng	98
34) Hexachlorobutadiene	7.92	225	94998	41.40	ng	98
35) Caprolactam	8.25	113	50692	39.73	ng	# 82
36) 4-Chloro-3-methylphenol	8.35	107	185113	42.54	ng	100
37) 2-Methylnaphthalene	8.48	142	348080	38.39	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	145535	35.16	ng	# 98
40) Hexachlorocyclopentadiene	8.64	237	83720	39.08	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081269.D
 Acq On : 29 Aug 2015 14:07
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

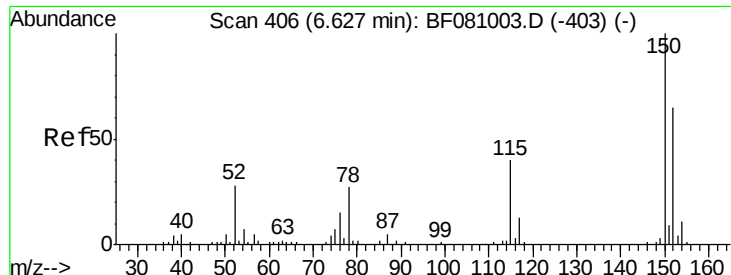
Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM

Quant Time: Aug 31 01:17:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 01:11:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	106460	36.41	ng	100
43) 2,4,5-Trichlorophenol	8.81	196	116876	39.99	ng	95
45) 1,1'-Biphenyl	8.95	154	375687	33.25	ng	95
46) 2-Chloronaphthalene	8.97	162	330886	36.45	ng	94
47) 2-Nitroaniline	9.07	65	135155	36.38	ng	95
48) Acenaphthylene	9.38	152	596178	36.71	ng	99
49) Dimethylphthalate	9.27	163	371120	35.13	ng	100
50) 2,6-Dinitrotoluene	9.33	165	87181	38.43	ng	# 81
51) Acenaphthene	9.55	154	338859	34.86	ng	99
52) 3-Nitroaniline	9.49	138	92039	32.42	ng	97
53) 2,4-Dinitrophenol	9.60	184	55247	48.46	ng	# 47
54) Dibenzofuran	9.73	168	467960	35.92	ng	99
55) 4-Nitrophenol	9.67	139	82687	41.48	ng	# 53
56) 2,4-Dinitrotoluene	9.73	165	111794	37.18	ng	# 82
57) Fluorene	10.06	166	328896	32.82	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	85707	37.89	ng	98
59) Diethylphthalate	9.97	149	445258	39.82	ng	95
60) 4-Chlorophenyl-phenylether	10.06	204	152401	35.94	ng	95
61) 4-Nitroaniline	10.10	138	104360	35.97	ng	93
62) Azobenzene	10.22	77	437986	33.99	ng	97
64) 4,6-Dinitro-2-methylphenol	10.13	198	63760	44.17	ng	91
65) n-Nitrosodiphenylamine	10.18	169	304093	35.24	ng	100
66) 4-Bromophenyl-phenylether	10.55	248	103199	43.46	ng	# 92
67) Hexachlorobenzene	10.61	284	102291	42.54	ng	96
68) Atrazine	10.72	200	86968	36.18	ng	98
69) Pentachlorophenol	10.80	266	60139	41.68	ng	99
70) Phenanthrene	11.01	178	497517	34.73	ng	98
71) Anthracene	11.06	178	557886	40.02	ng	100
72) Carbazole	11.22	167	534029	39.79	ng	99
73) Di-n-butylphthalate	11.57	149	657059	40.46	ng	98
74) Fluoranthene	12.18	202	550309	35.60	ng	93
76) Benzidine	12.32	184	326949	42.67	ng	99
77) Pyrene	12.41	202	620764	37.64	ng	99
79) Butylbenzylphthalate	13.05	149	303714	42.85	ng	# 80
80) Benzo(a)anthracene	13.59	228	512236	37.65	ng	100
81) 3,3'-Dichlorobenzidine	13.57	252	159398	36.17	ng	99
82) Chrysene	13.62	228	393027	32.06	ng	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	389506	42.90	ng	# 97
84) Di-n-octyl phthalate	14.22	149	693919	50.29	ng	97
85) Indeno(1,2,3-cd)pyrene	16.07	276	396345	46.05	ng	# 94
87) Benzo(b)fluoranthene	14.58	252	483055m	41.56	ng	
88) Benzo(k)fluoranthene	14.61	252	343123m	31.68	ng	
89) Benzo(a)pyrene	14.87	252	388597	38.37	ng	# 94
90) Dibenzo(a,h)anthracene	16.09	278	328044	41.57	ng	99
91) Benzo(g,h,i)perylene	16.41	276	314276	39.26	ng	# 90

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



#1

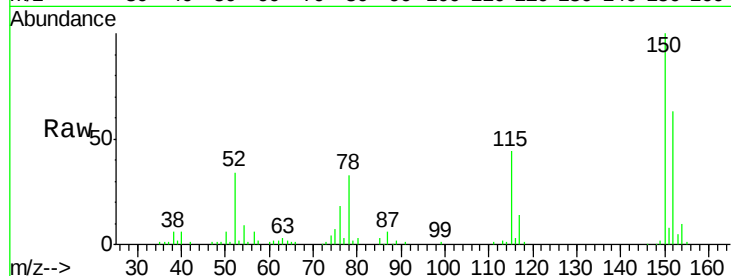
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

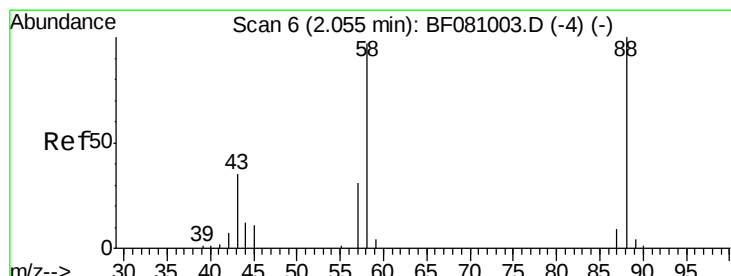
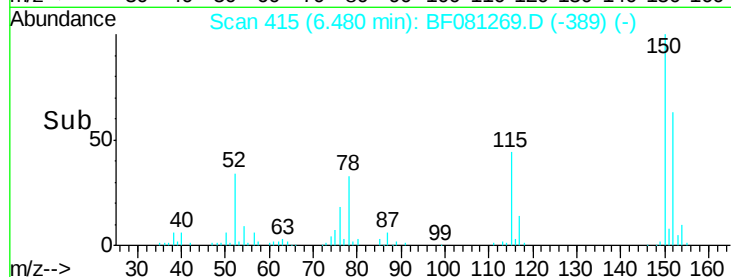
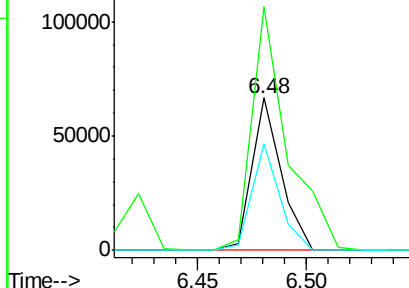
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	69.6	52.1	78.1

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



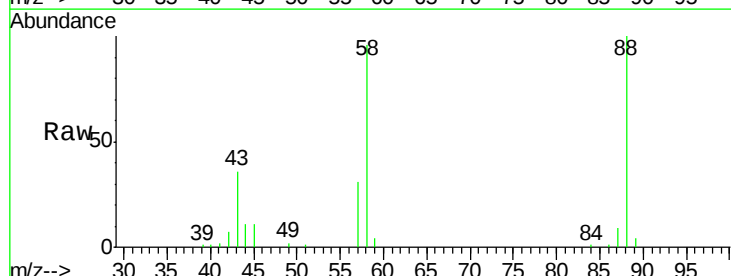
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



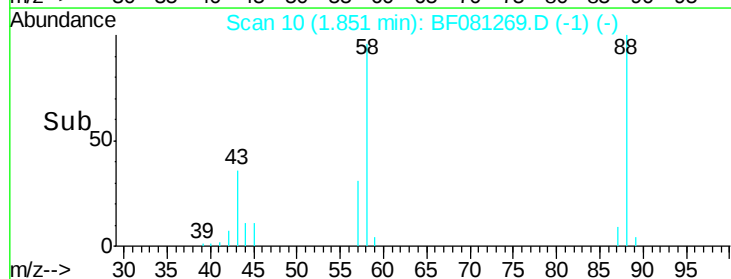
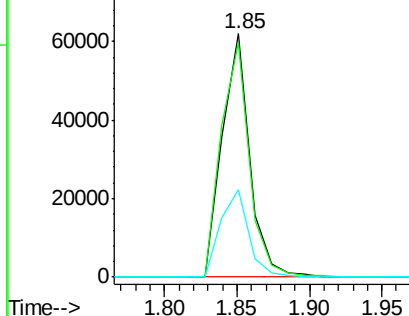
#2

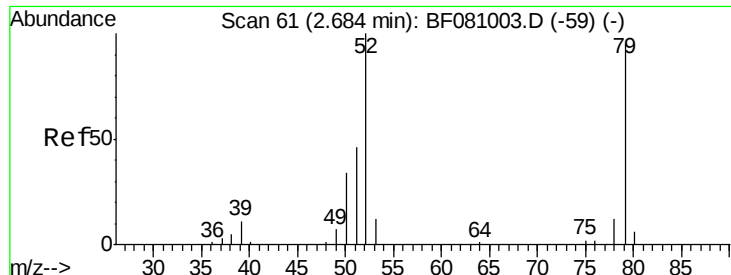
1,4-Dioxane
Concen: 41.97 ng
RT: 1.85 min Scan# 10
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	83.7	125.5
43	37.2	37.5	56.3



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: 37.88 ng

RT: 2.43 min Scan# 61

Delta R.T. 0.00 min

Lab File: BF081269.D

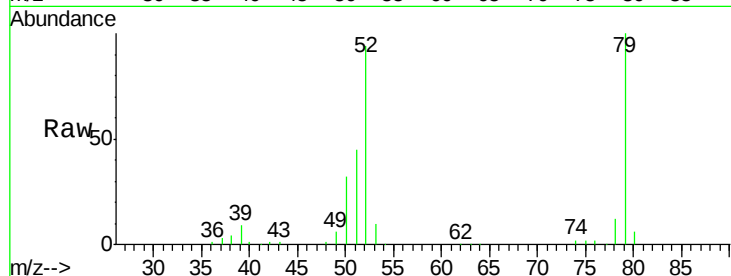
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 79 Resp: 206986

Ion Ratio Lower Upper

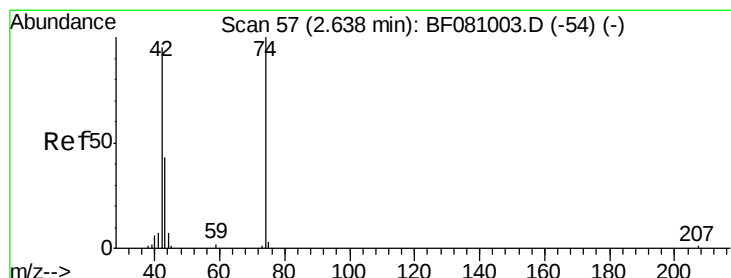
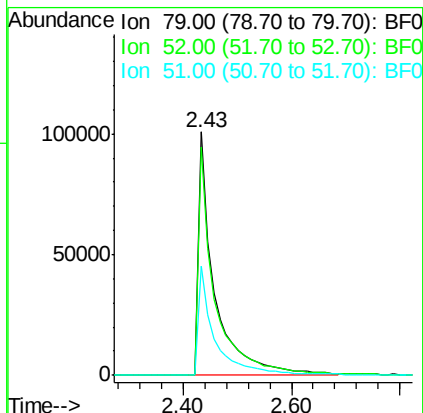
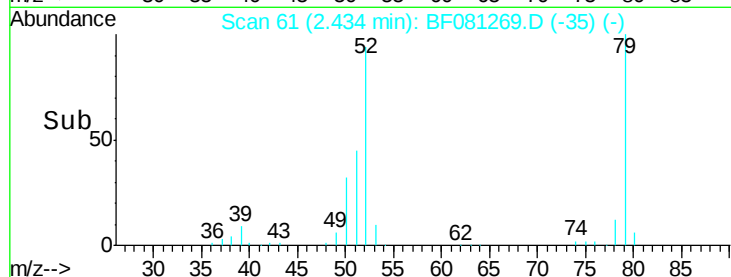
79 100

52 93.7 95.1 142.7#

51 45.0 46.6 70.0#

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#4

n-Nitrosodimethylamine

Concen: 42.33 ng

RT: 2.40 min Scan# 58

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

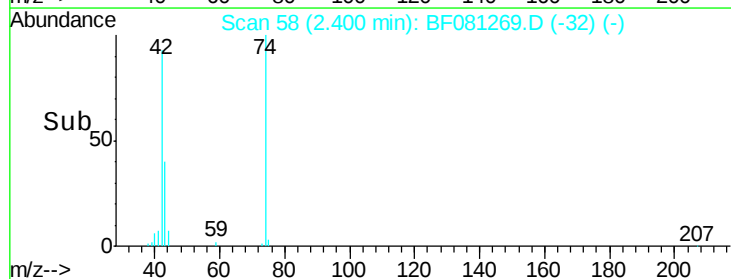
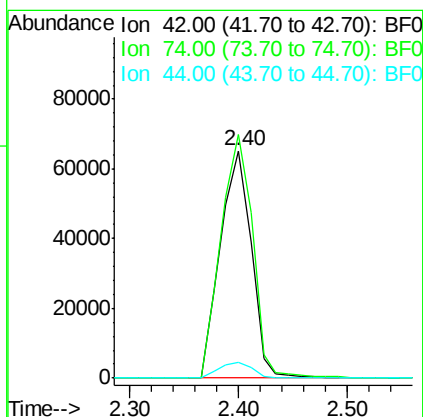
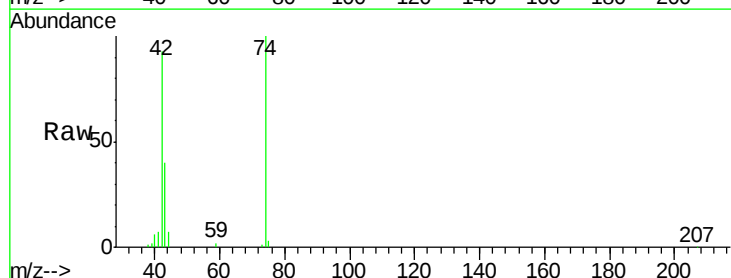
Tgt Ion: 42 Resp: 128764

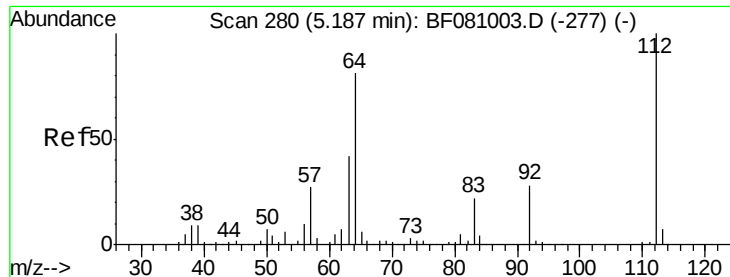
Ion Ratio Lower Upper

42 100

74 107.0 69.3 103.9#

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 77.43 ng

RT: 5.03 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF081269.D

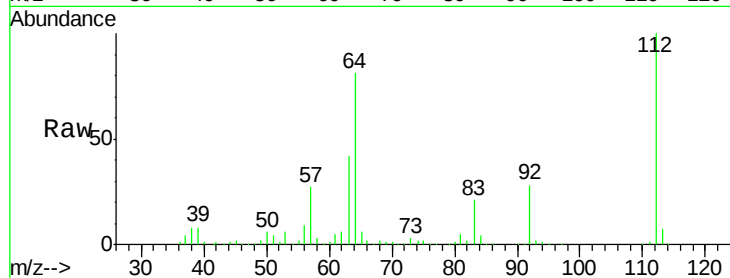
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

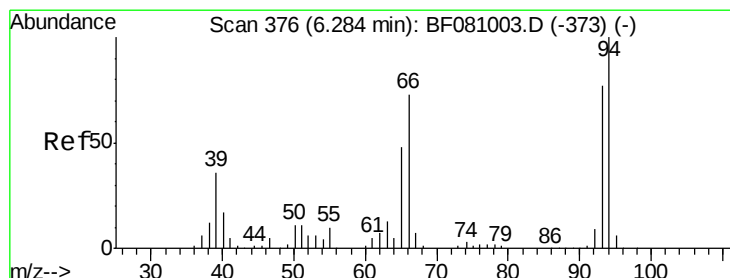
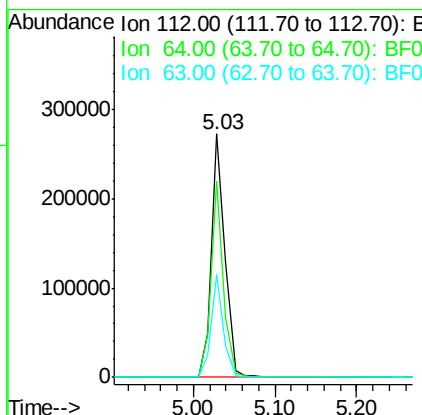
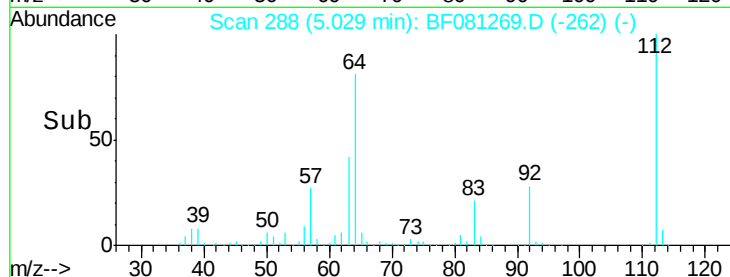
SSTDCCC040



Tgt Ion:	112	Resp:	318081
Ion Ratio	Lower	Upper	
112	100		
64	80.6	66.9	100.3
63	42.4	38.1	57.1

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#6

Aniline

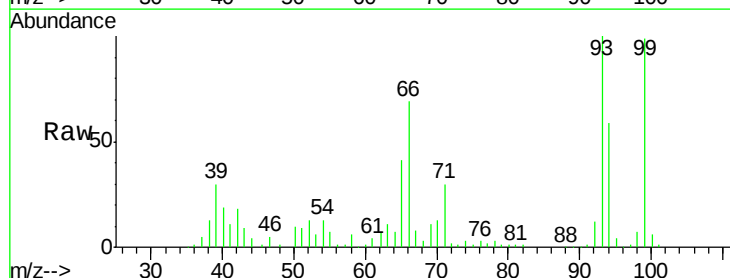
Concen: 40.34 ng

RT: 6.15 min Scan# 386

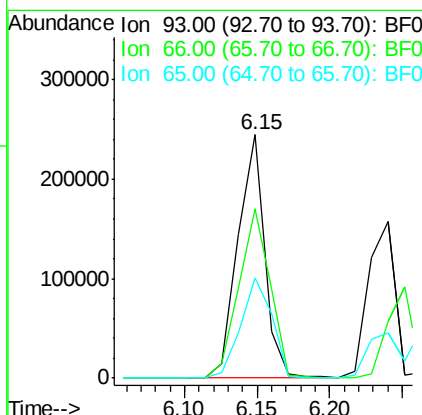
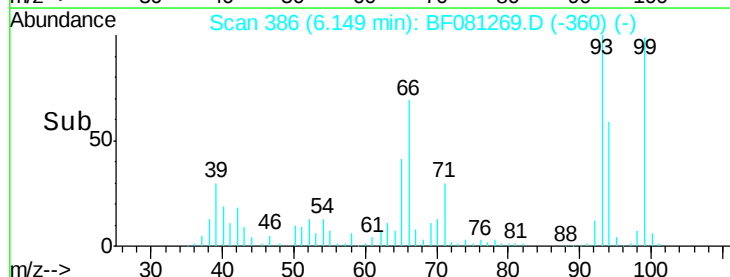
Delta R.T. 0.00 min

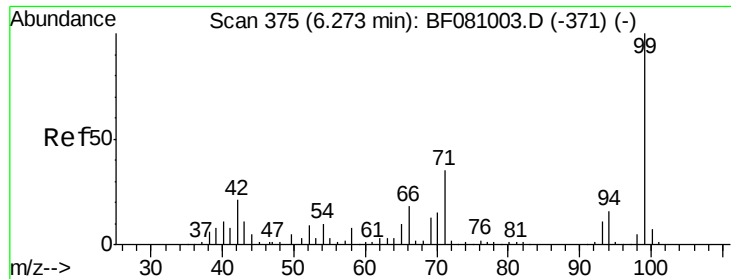
Lab File: BF081269.D

Acq: 29 Aug 2015 14:07



Tgt Ion:	93	Resp:	314363
Ion Ratio	Lower	Upper	
93	100		
66	69.4	35.6	53.4#
65	41.3	18.7	28.1#





#7

Phenol-d6

Concen: 83.81 ng

RT: 6.14 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

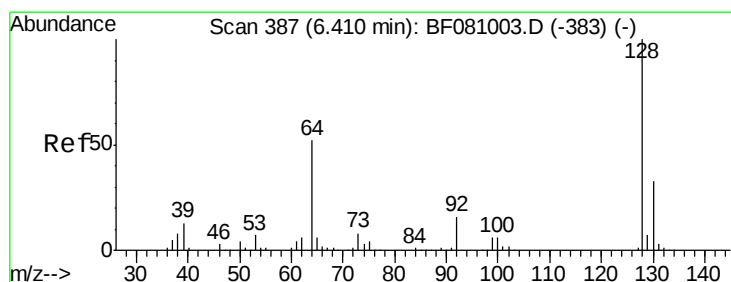
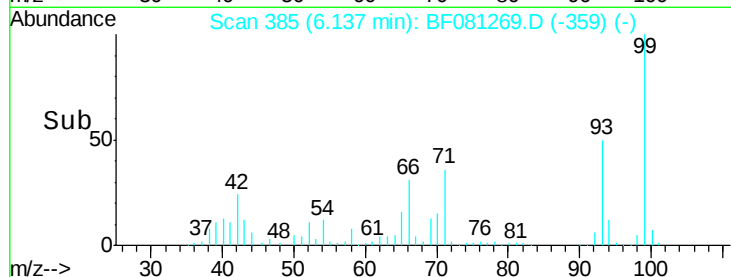
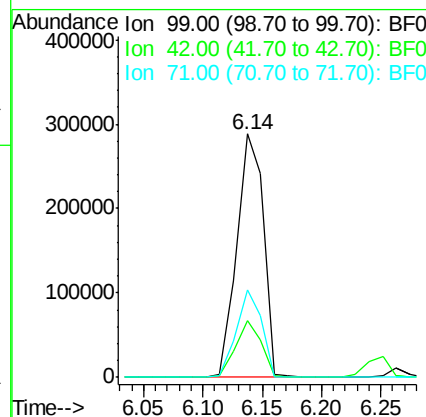
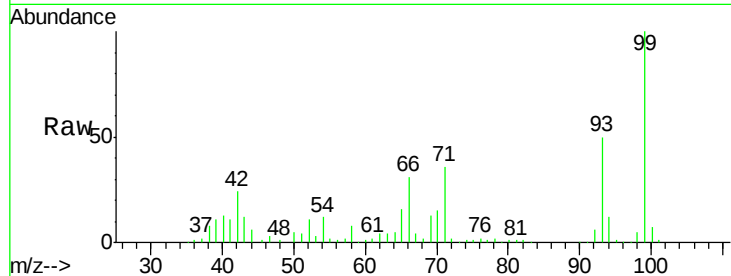
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	449207
Ion Ratio	Lower	Upper	
99	100		
42	23.5	19.6	29.4
71	36.1	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#8

2-Chlorophenol

Concen: 39.79 ng

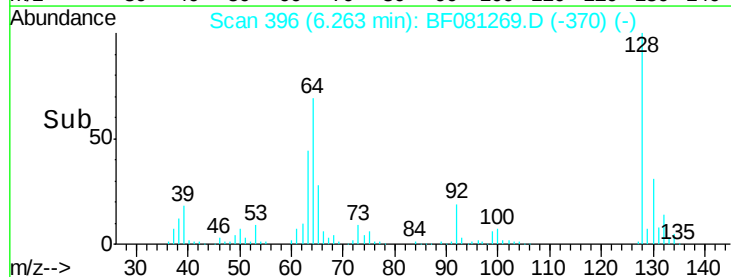
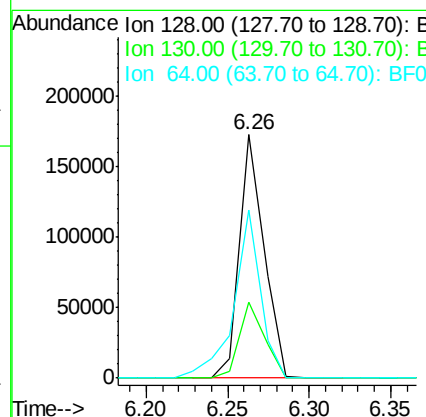
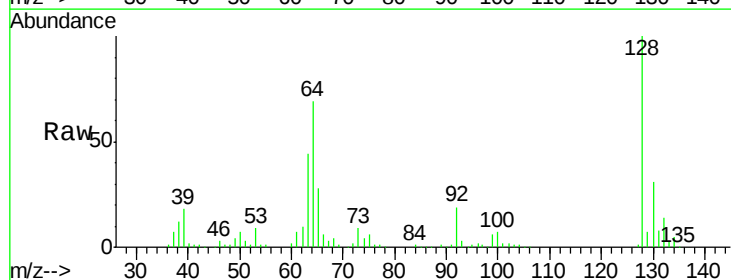
RT: 6.26 min Scan# 396

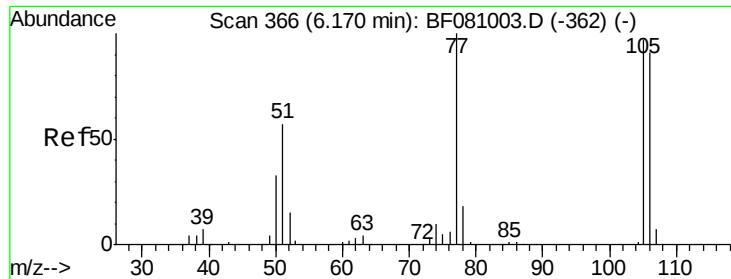
Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion:	128	Resp:	178911
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.5	52.5
64	69.0	46.8	86.8





#9

Benzaldehyde

Concen: 41.18 ng

RT: 6.02 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

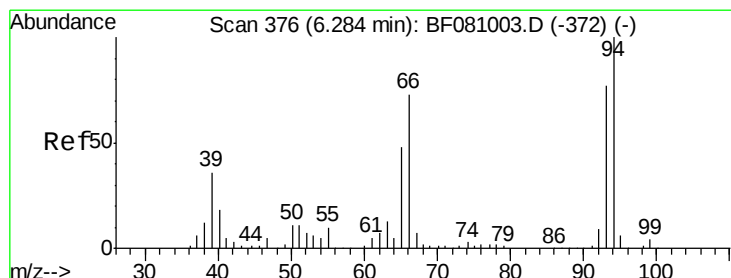
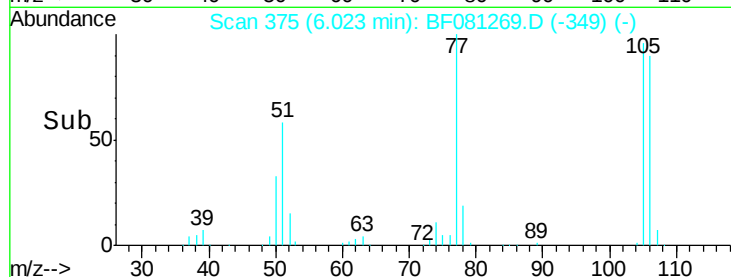
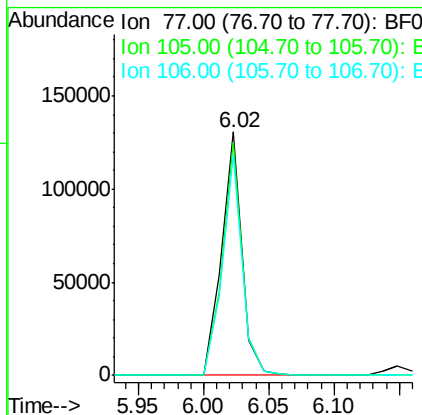
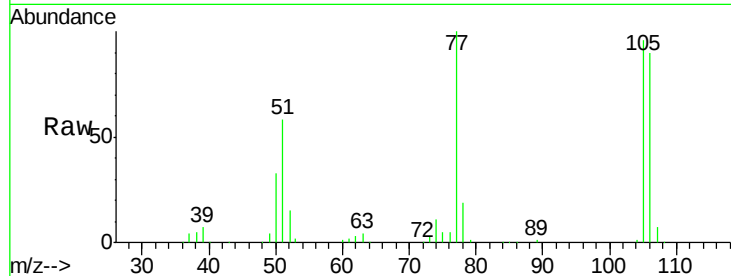
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	142293
Ion	Ratio	Lower	Upper
77	100		
105	95.6	69.6	109.6
106	90.3	64.0	104.0

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#10

Phenol

Concen: 42.72 ng

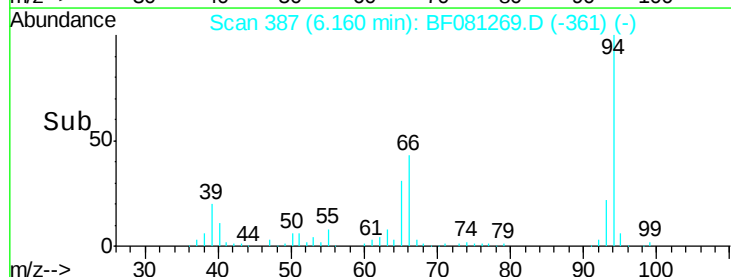
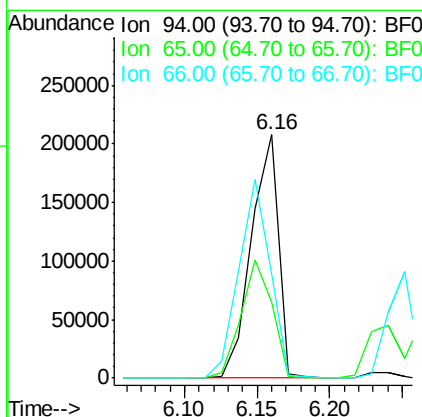
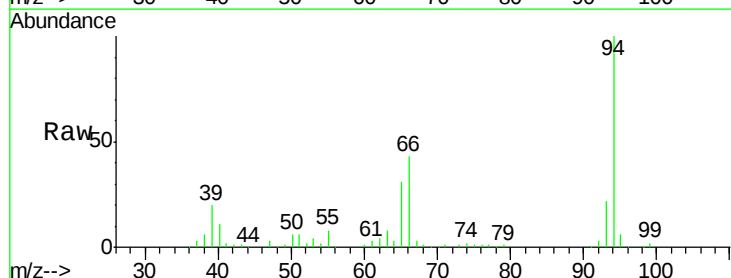
RT: 6.16 min Scan# 387

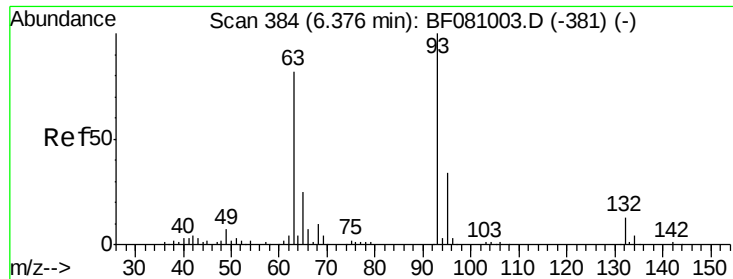
Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion:	94	Resp:	270406
Ion	Ratio	Lower	Upper
94	100		
65	30.9	28.4	68.4
66	42.7	52.3	92.3#





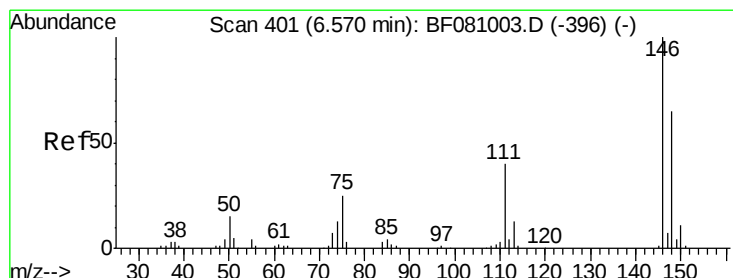
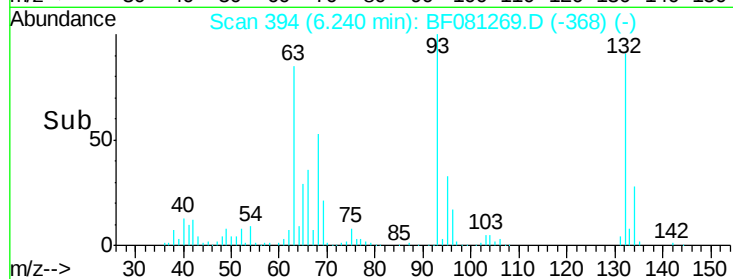
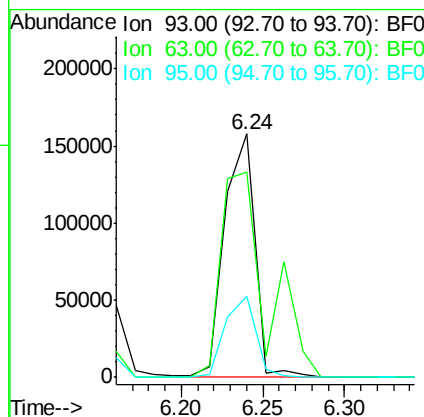
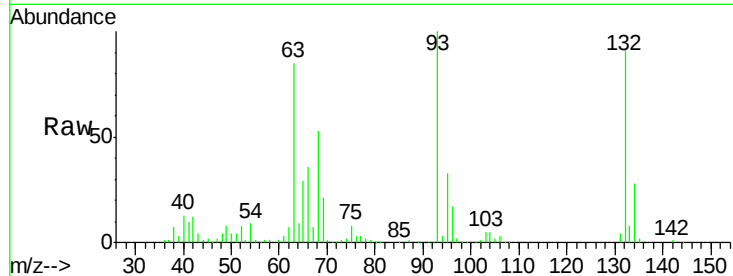
#11
bis(2-Chloroethyl)ether
Concen: 41.55 ng
RT: 6.24 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.5	69.6	109.6
95	33.4	12.3	52.3

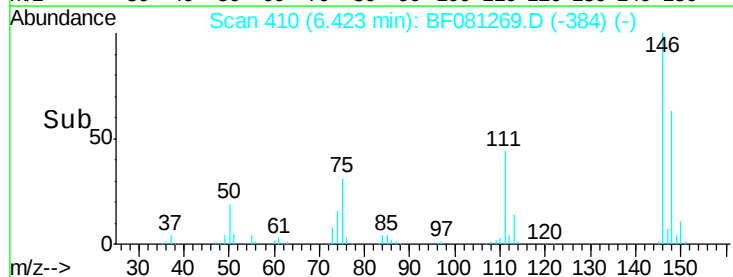
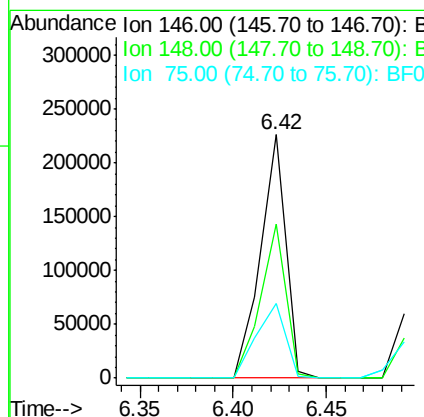
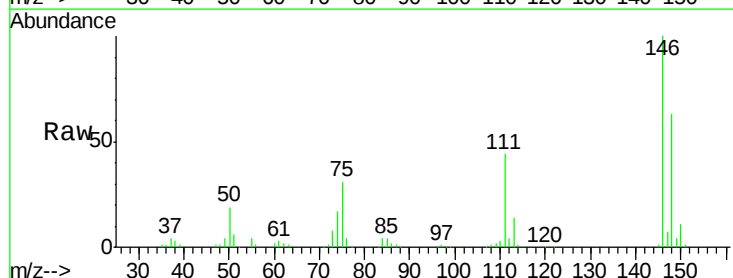
Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#12
1,3-Dichlorobenzene
Concen: 43.82 ng
RT: 6.42 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.3	79.9
75	30.6	25.0	37.6





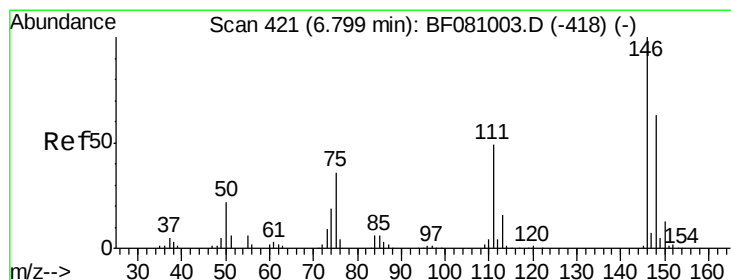
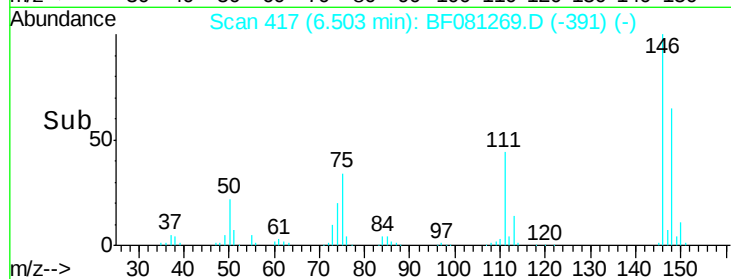
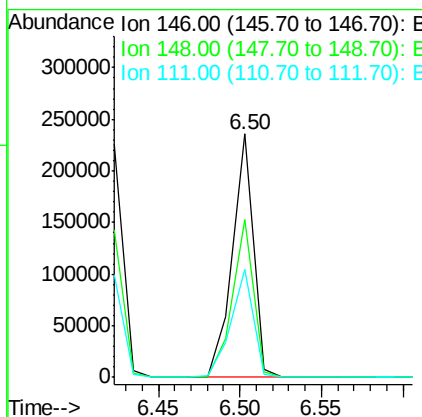
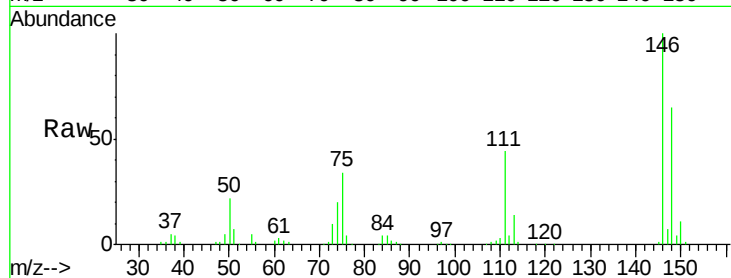
#13
 1,4-Dichlorobenzene
 Concen: 43.70 ng
 RT: 6.50 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	44.4	34.4	51.6

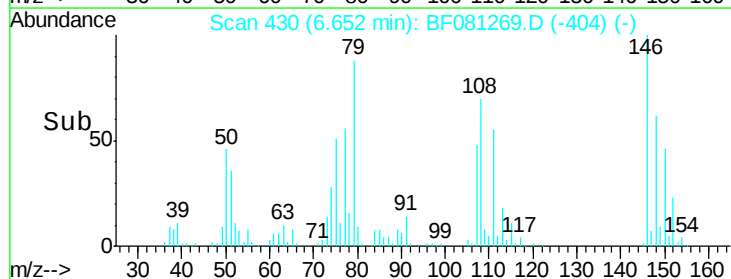
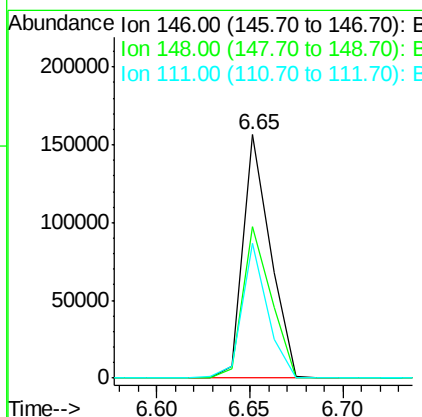
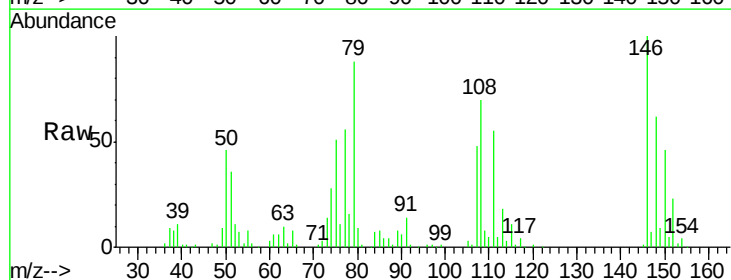
Manual Integrations
 APPROVED

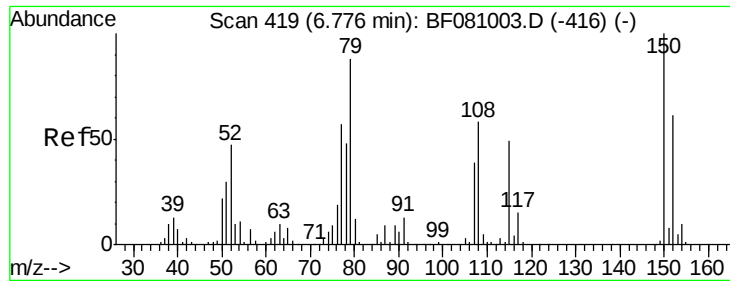
MMDadoda
 8/31/2015 1:58:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.65 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	48.7	73.1
111	55.3	42.3	63.5





#15

Benzyl Alcohol

Concen: 43.34 ng

RT: 6.65 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 187922
Ion Ratio Lower Upper

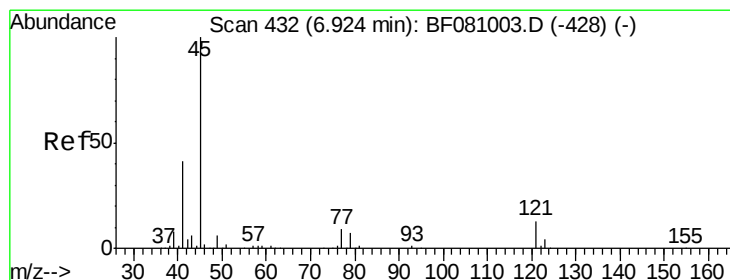
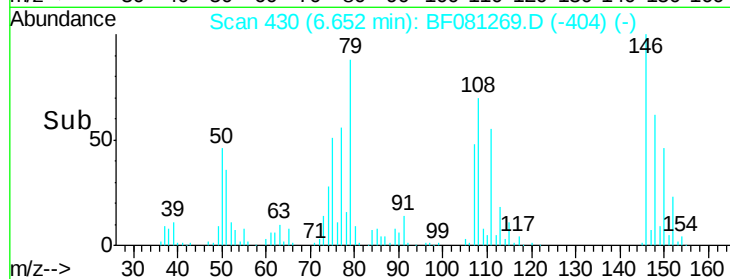
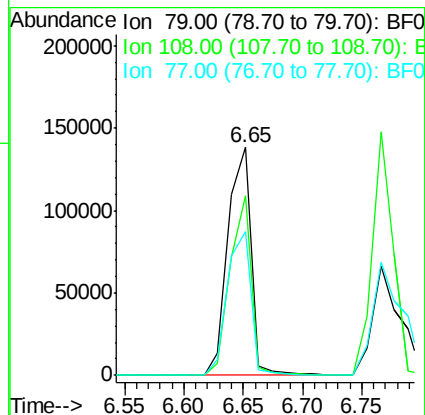
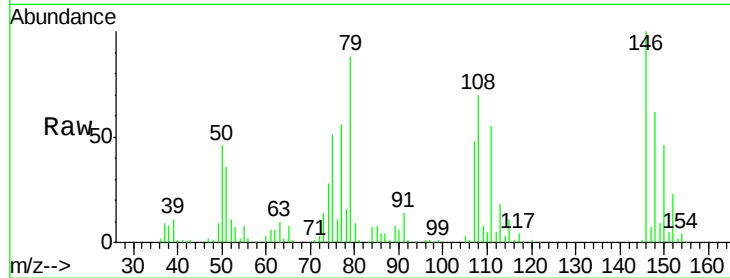
79 100

108 79.0 49.4 74.2#

77 63.4 51.4 77.0

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.66 ng

RT: 6.79 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF081269.D

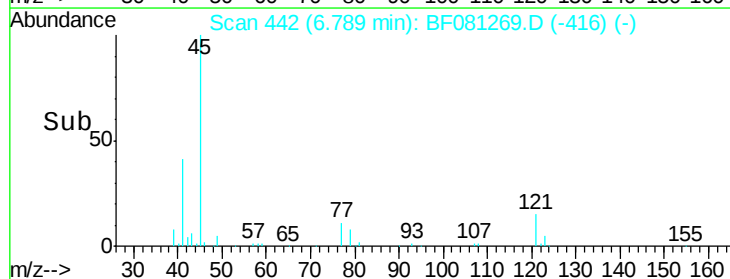
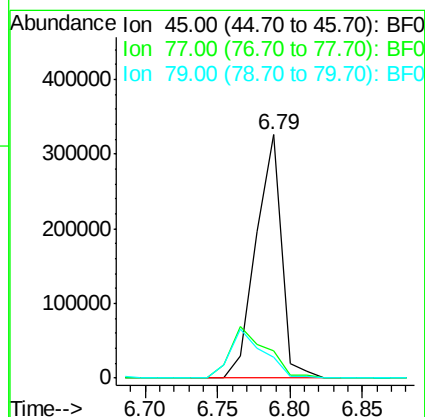
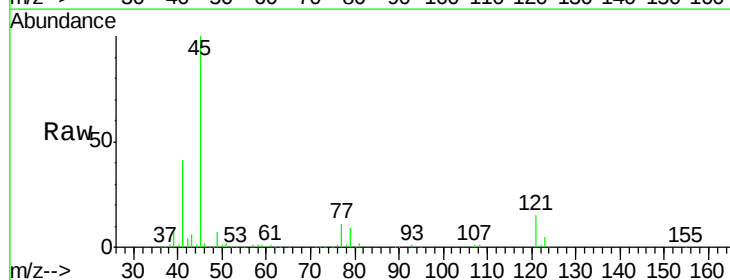
Acq: 29 Aug 2015 14:07

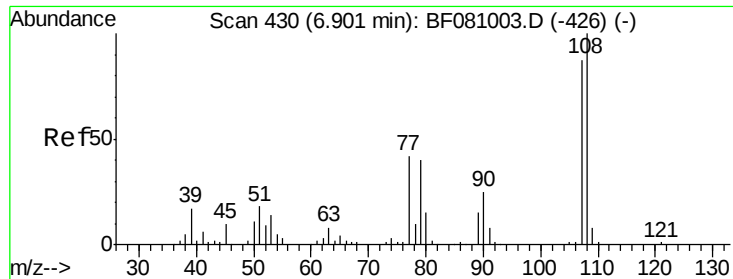
Tgt Ion: 45 Resp: 397630
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

79 8.6 0.0 28.0





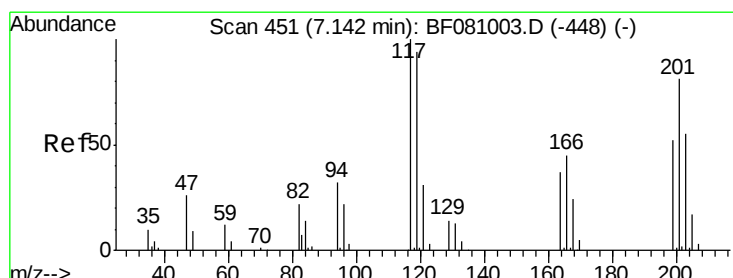
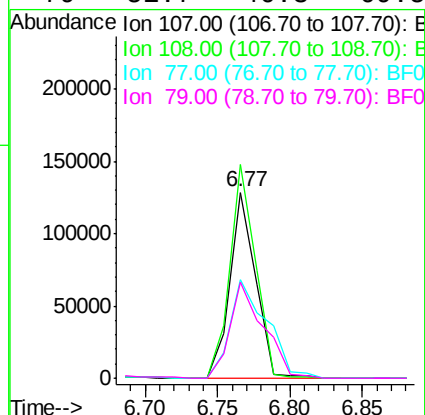
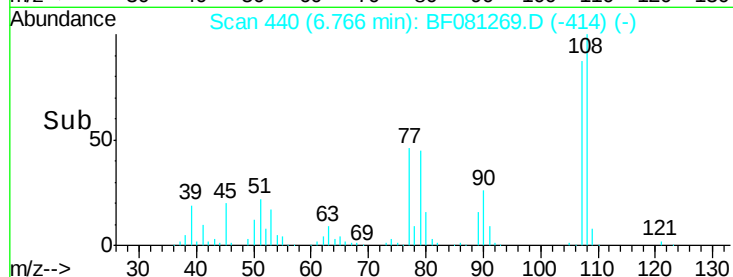
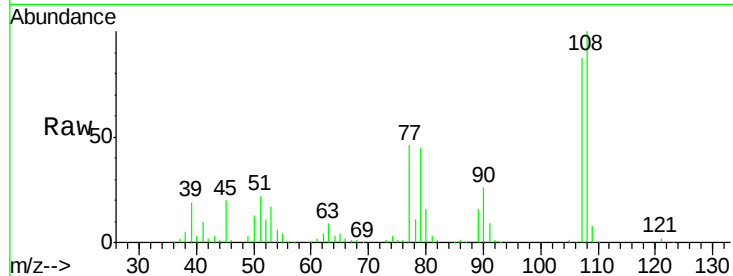
#17
2-Methylphenol
Concen: 40.83 ng
RT: 6.77 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	157532		
108	114.7	90.4	135.6	
77	53.2	46.5	69.7	
79	51.7	46.3	69.5	

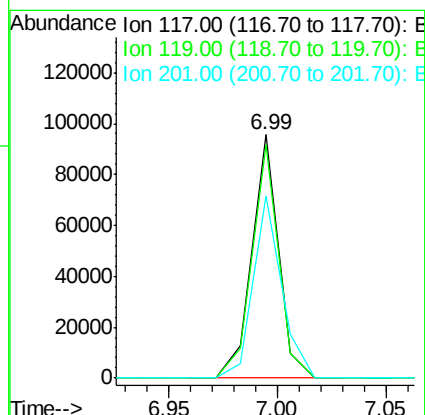
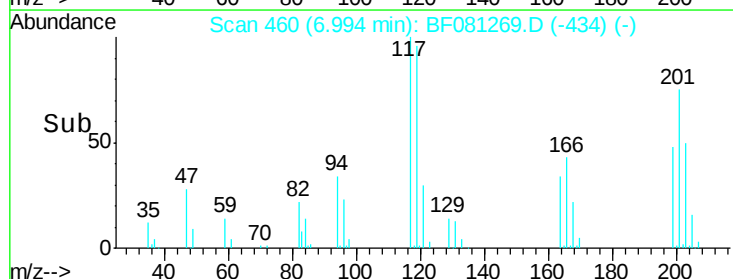
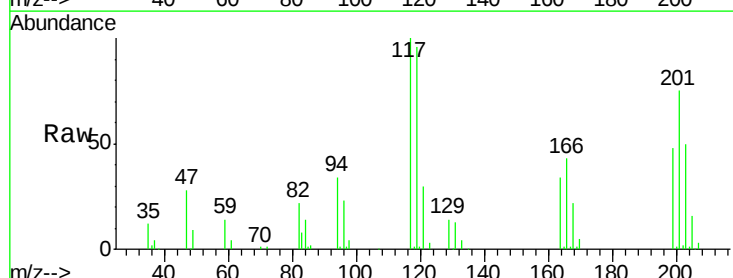
Manual Integrations
APPROVED

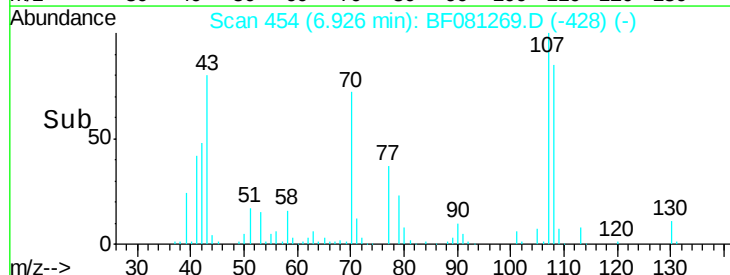
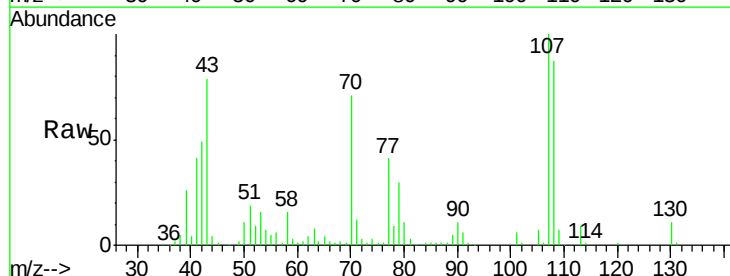
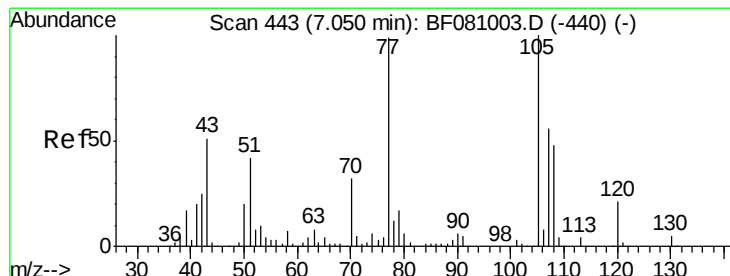
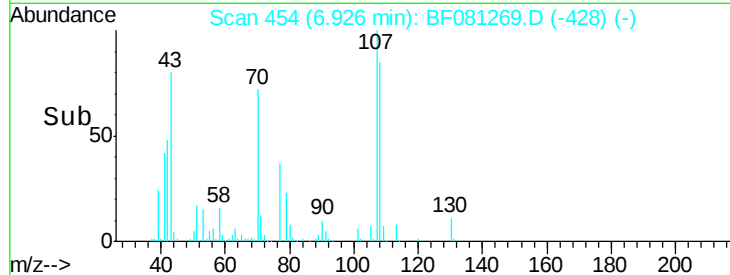
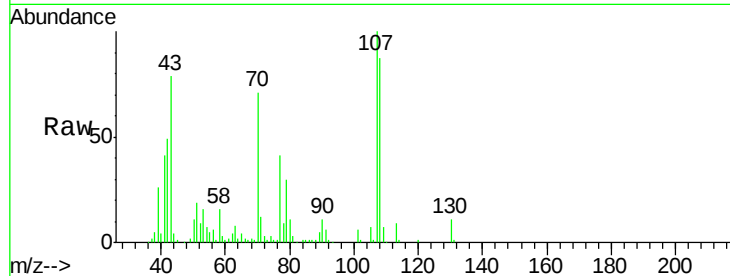
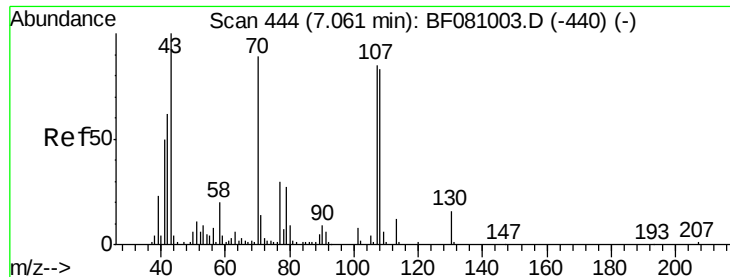
MMDadoda
8/31/2015 1:58:32 PM



#18
Hexachloroethane
Concen: 41.99 ng
RT: 6.99 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

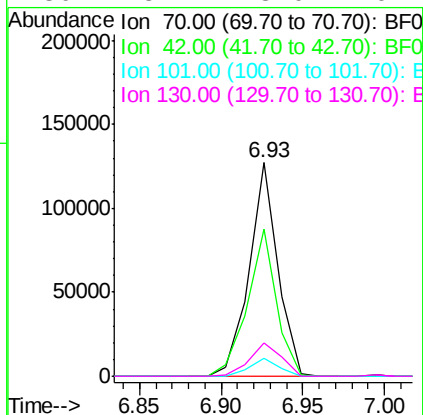
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81156		
119	95.8	77.9	116.9	
201	74.8	61.3	91.9	





#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 6.93 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	68.9	65.0	97.4	
101	8.2	7.4	11.2	
130	15.7	13.0	19.4	



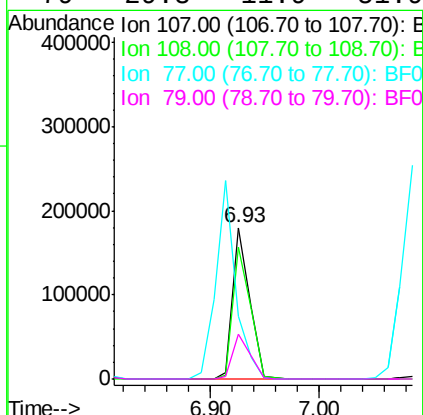
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

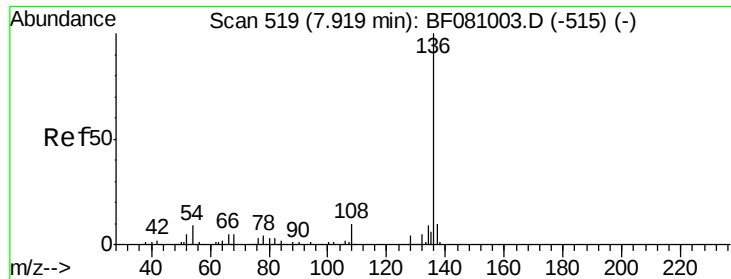
Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM

#20
3+4-Methylphenols
Concen: 39.17 ng
RT: 6.93 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.4	66.1	106.1	
77	41.3	139.3	179.3#	
79	29.8	11.9	51.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081269.D

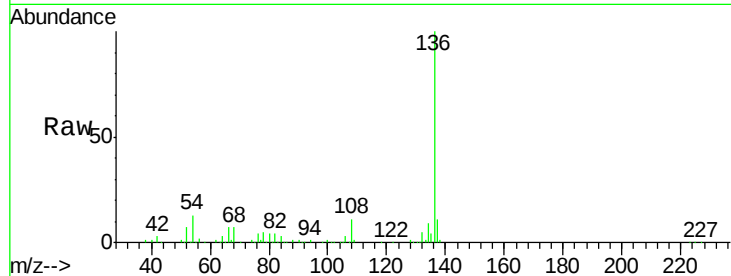
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 257517

Ion Ratio Lower Upper

136 100

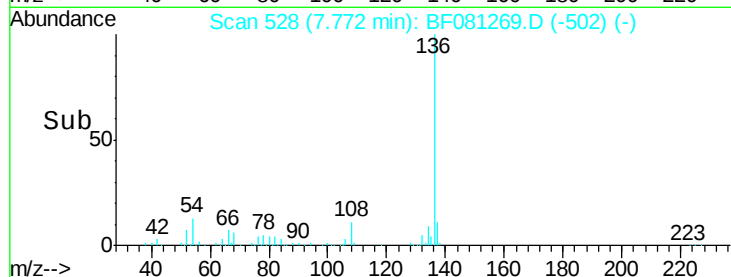
137 11.3 8.2 12.2

54 12.9 7.7 11.5#

68 6.6 3.4 5.2#

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



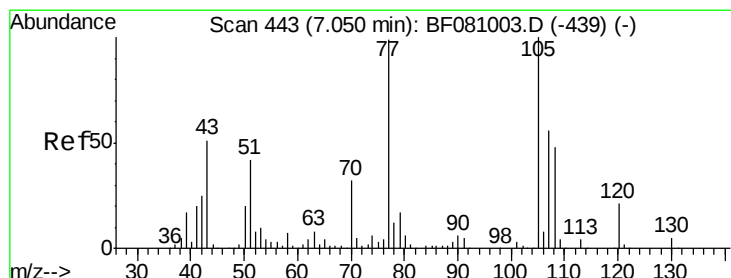
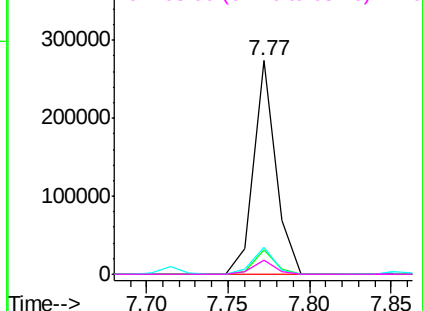
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.19 ng

RT: 6.91 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion:105 Resp: 285236

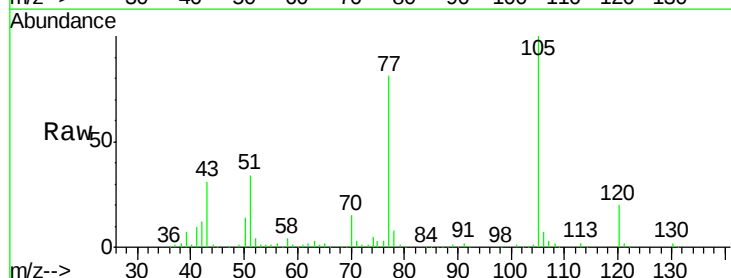
Ion Ratio Lower Upper

105 100

71 2.5 3.0 4.6#

51 34.4 39.8 59.8#

120 19.7 15.8 23.8



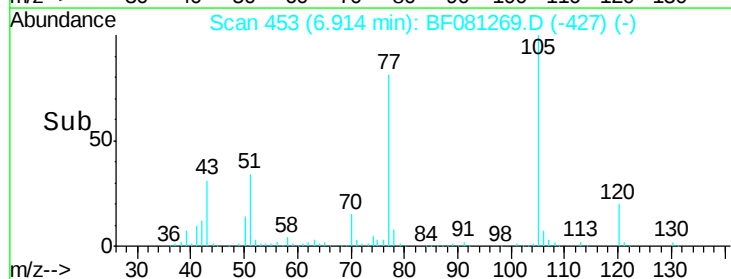
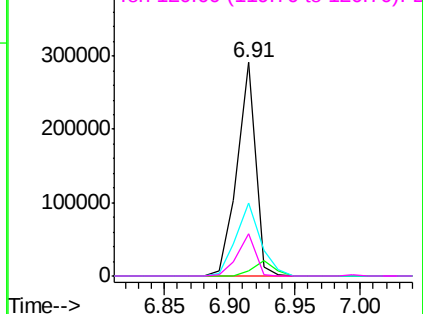
Abundance

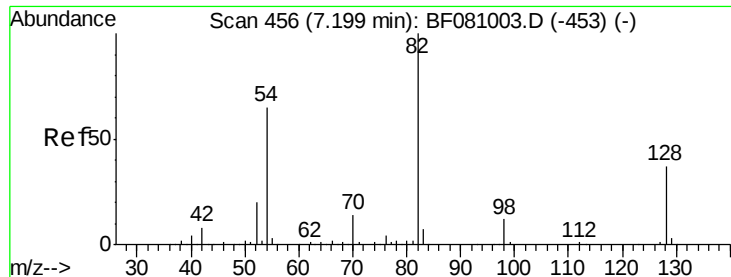
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





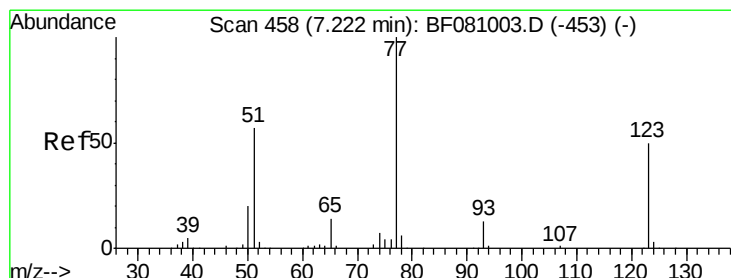
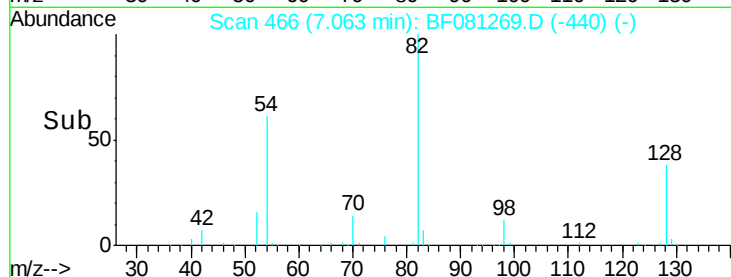
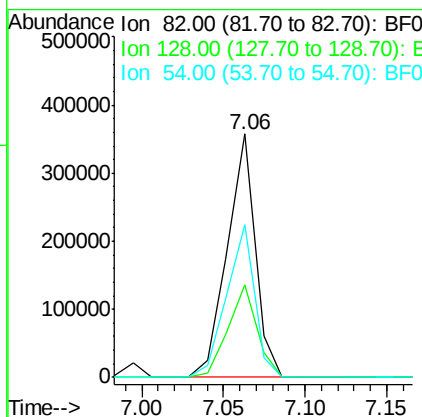
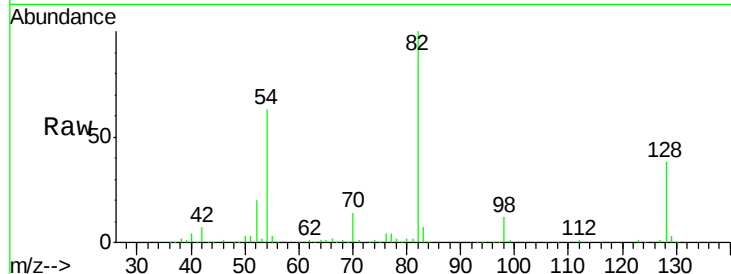
#23
 Nitrobenzene-d5
 Concen: 75.24 ng
 RT: 7.06 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	424151		
128	38.1	28.6	42.8	
54	63.0	55.1	82.7	

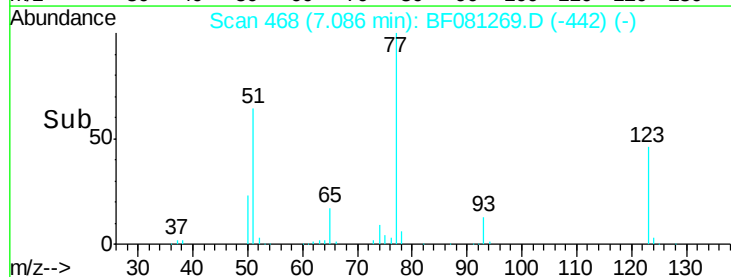
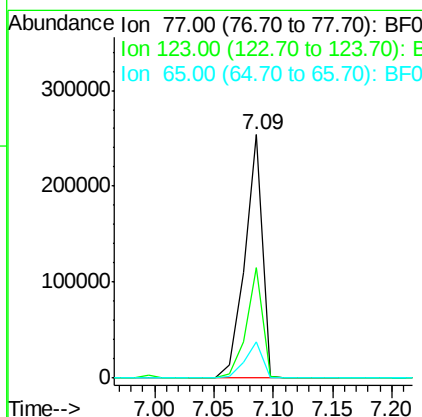
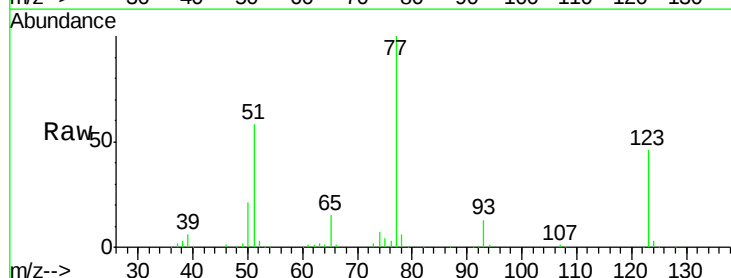
Manual Integrations
 APPROVED

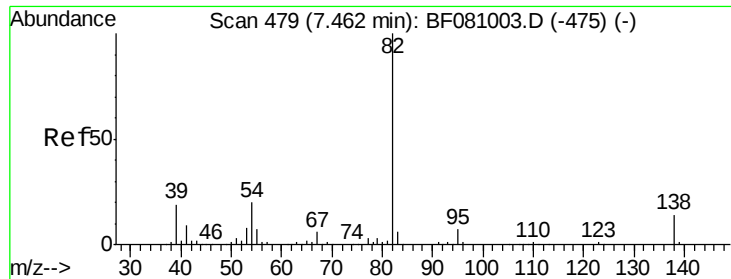
MMDadoda
 8/31/2015 1:58:32 PM



#24
 Nitrobenzene
 Concen: 44.36 ng
 RT: 7.09 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	261471		
123	45.5	32.9	49.3	
65	14.7	12.5	18.7	





#25

Isophorone

Concen: 42.14 ng

RT: 7.33 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

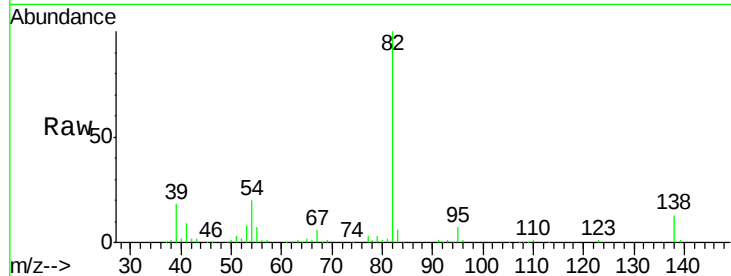
ClientSampleId :

SSTDCCC040

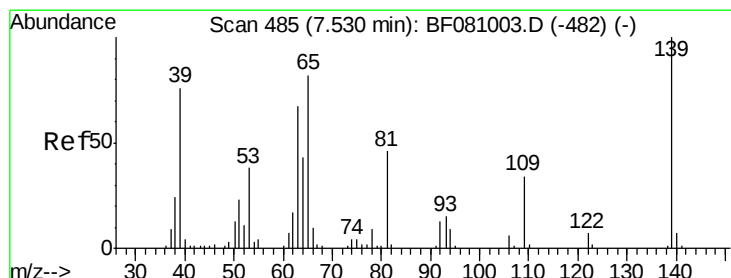
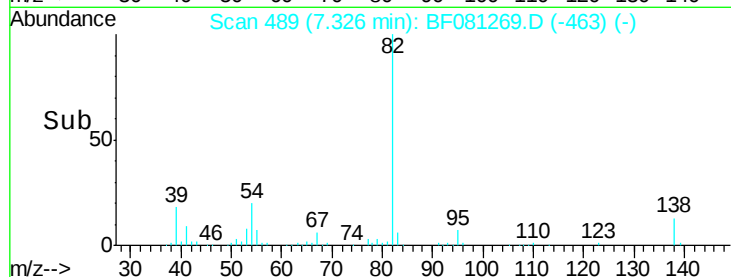
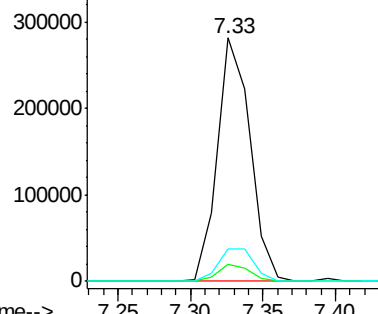
Tgt Ion:	82	Resp:	443010
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.2	9.2
138	13.3	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.38 ng

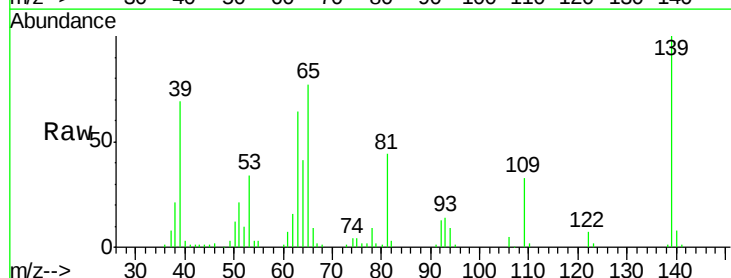
RT: 7.39 min Scan# 495

Delta R.T. 0.00 min

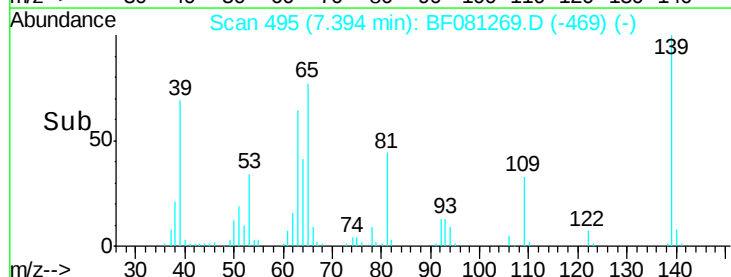
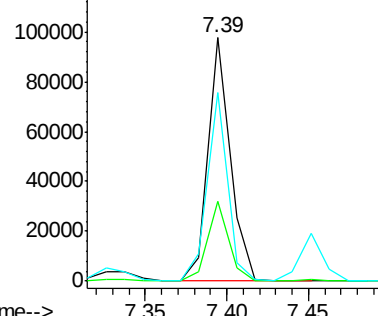
Lab File: BF081269.D

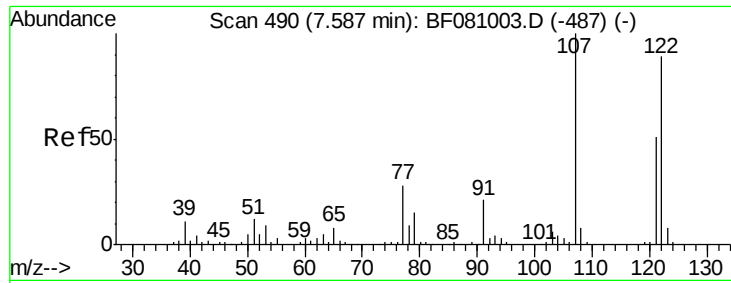
Acq: 29 Aug 2015 14:07

Tgt Ion:	139	Resp:	91638
Ion Ratio		Lower	Upper
139	100		
109	32.9	32.1	48.1
65	77.4	69.9	104.9



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





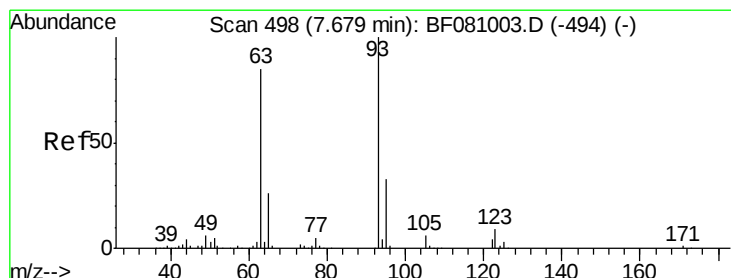
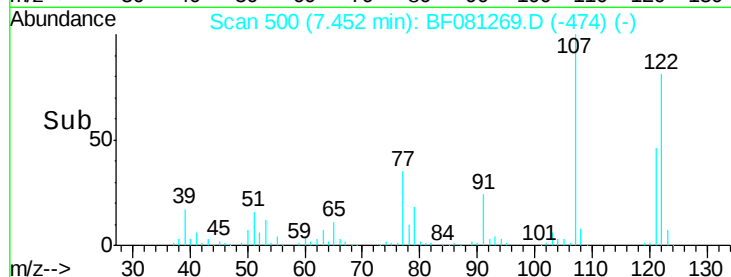
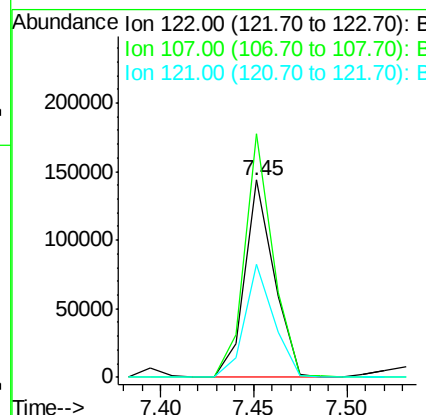
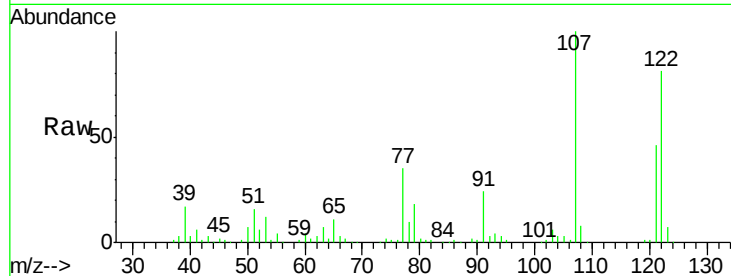
#27
 2,4-Dimethylphenol
 Concen: 36.33 ng
 RT: 7.45 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	157535		
107	123.6	103.8	155.6	
121	57.5	47.0	70.4	

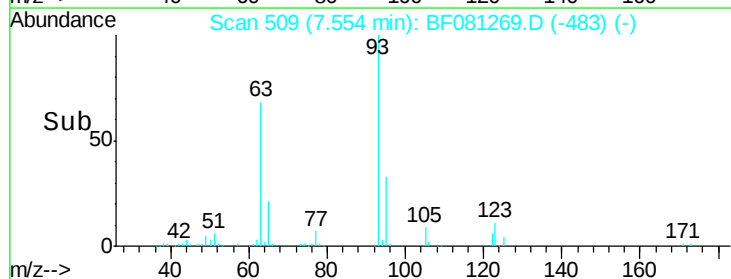
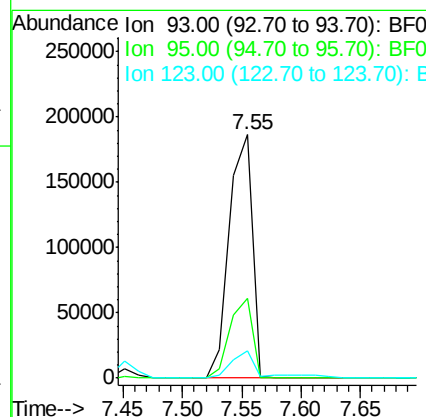
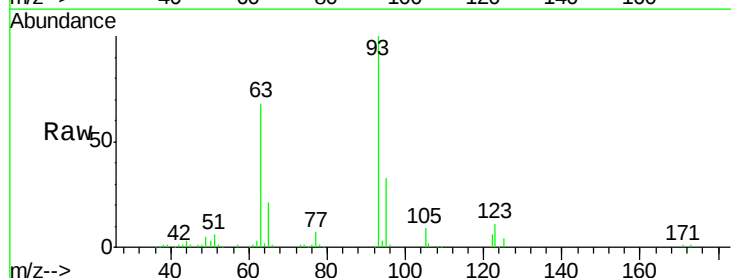
Manual Integrations
 APPROVED

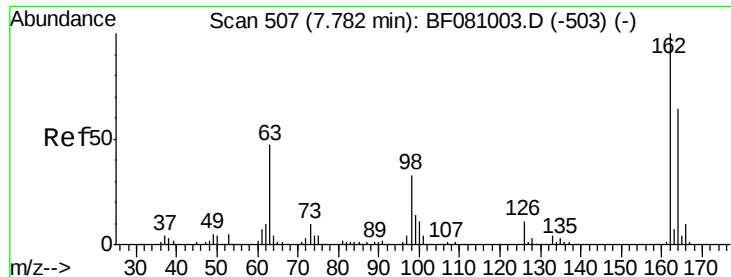
MMDadoda
 8/31/2015 1:58:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.51 ng
 RT: 7.55 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251559		
95	32.5	25.8	38.8	
123	11.5	7.4	11.0#	





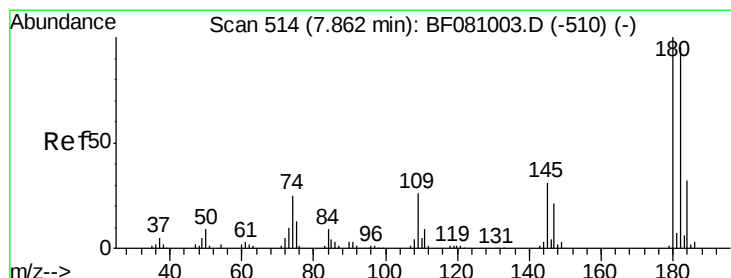
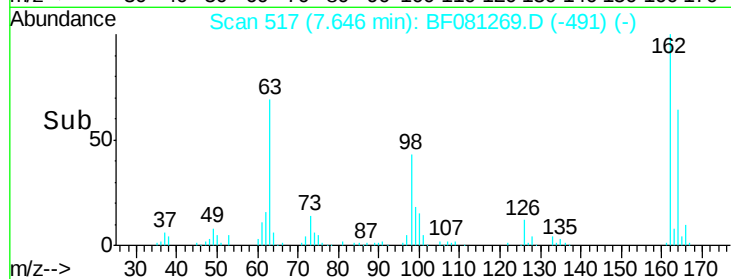
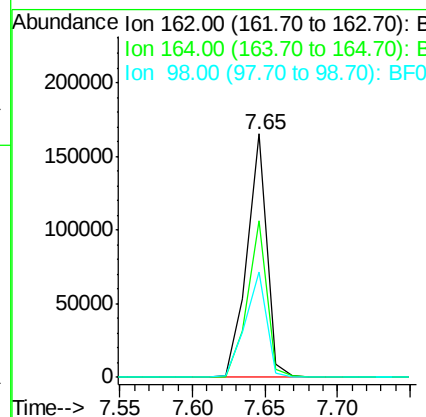
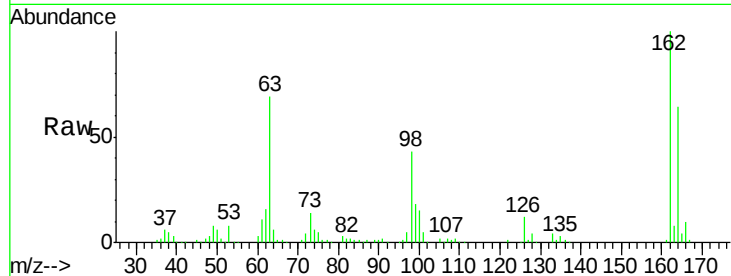
#29
 2,4-Dichlorophenol
 Concen: 43.09 ng
 RT: 7.65 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	157299		
164	64.3	43.2	83.2	
98	43.4	12.3	52.3	

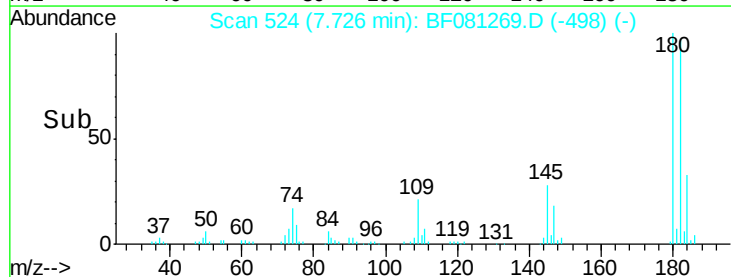
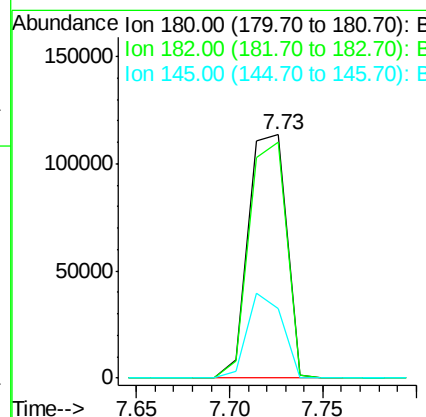
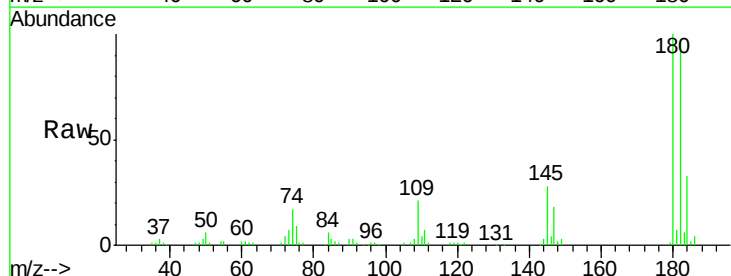
Manual Integrations
 APPROVED

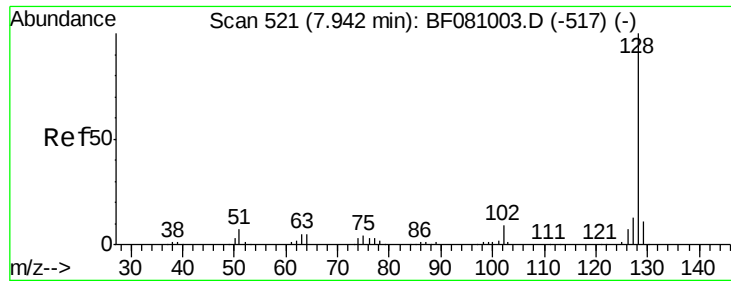
MMDadoda
 8/31/2015 1:58:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.58 ng
 RT: 7.73 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	160609		
182	96.9	76.4	114.6	
145	28.4	25.4	38.2	





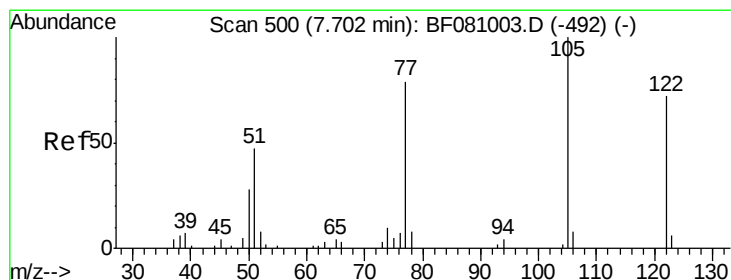
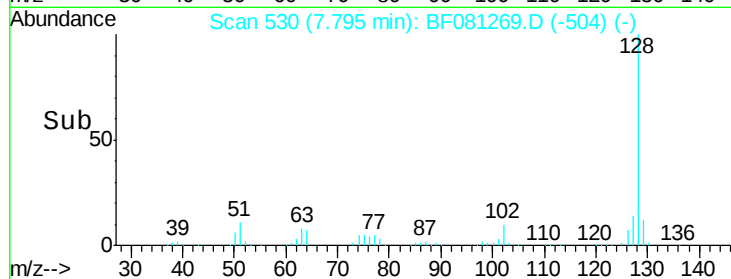
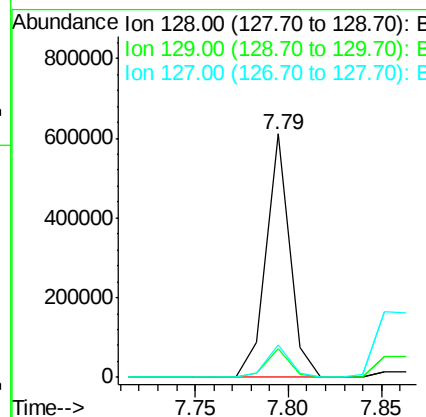
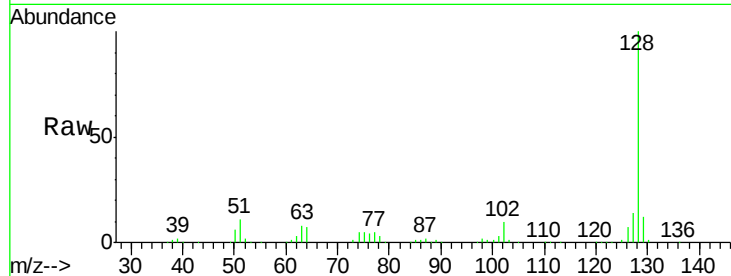
#31
Naphthalene
Concen: 37.17 ng
RT: 7.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	533496		
129	11.5	8.4	12.6	
127	13.6	10.6	16.0	

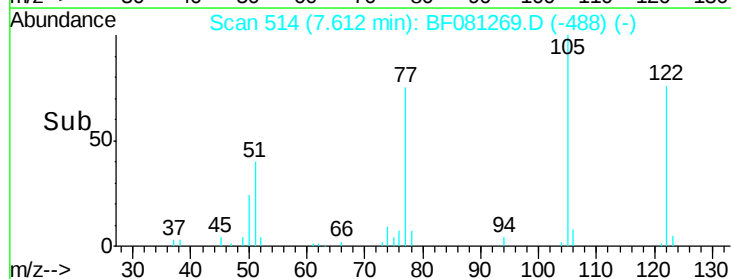
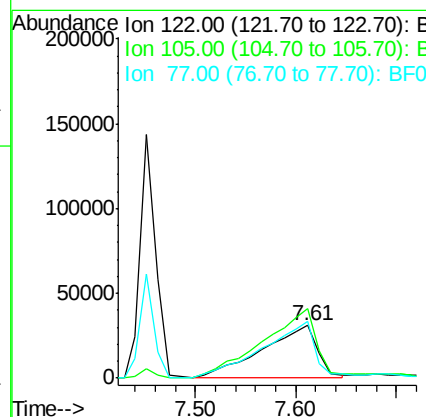
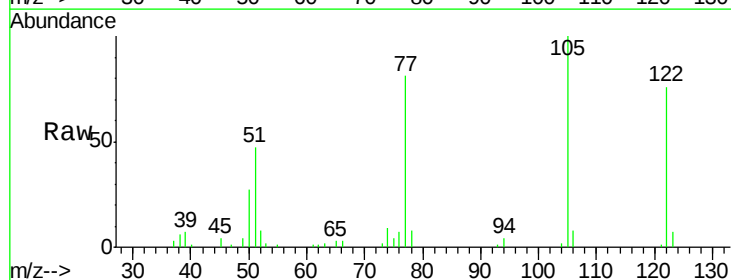
Manual Integrations
APPROVED

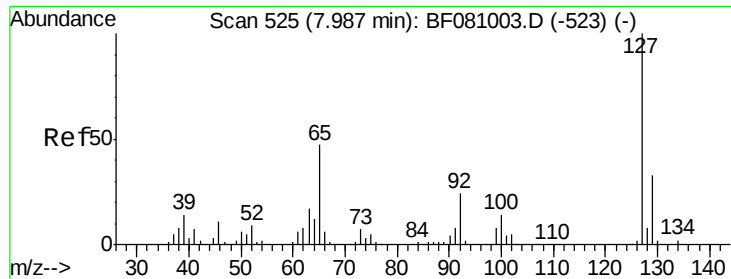
MMDadoda
8/31/2015 1:58:32 PM



#32
Benzoic acid
Concen: 48.33 ng
RT: 7.61 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	117894		
105	131.7	113.8	153.8	
77	106.6	93.8	133.8	





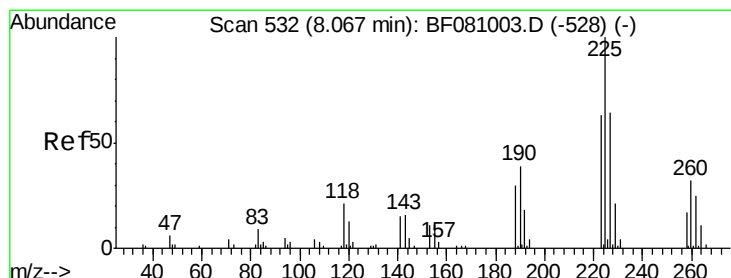
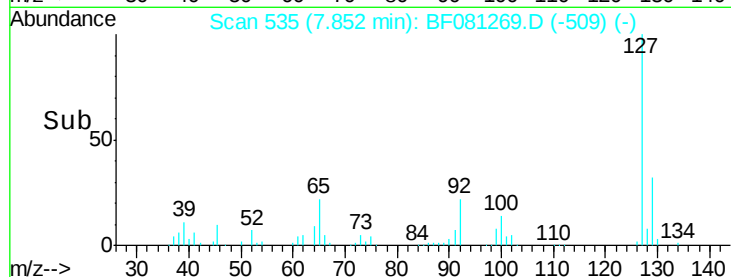
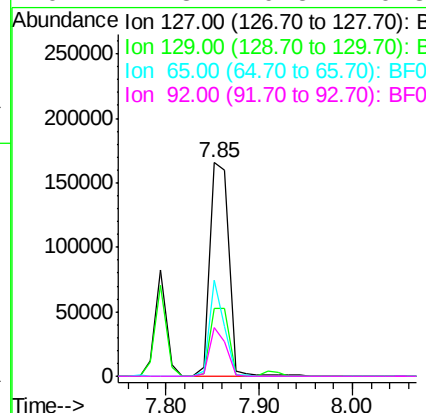
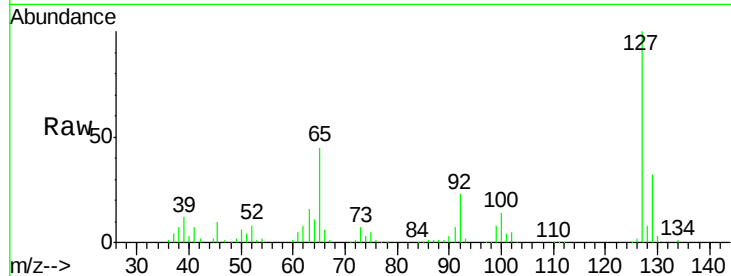
#33
 4-Chloroaniline
 Concen: 38.89 ng
 RT: 7.85 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	235563		
129	31.7	25.2	37.8	
65	45.2	37.8	56.6	
92	22.8	19.5	29.3	

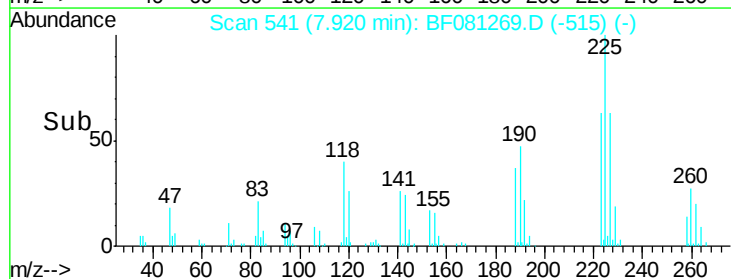
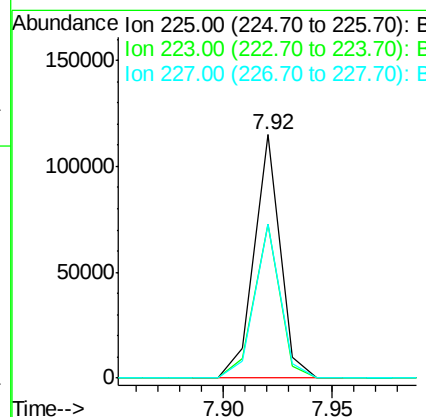
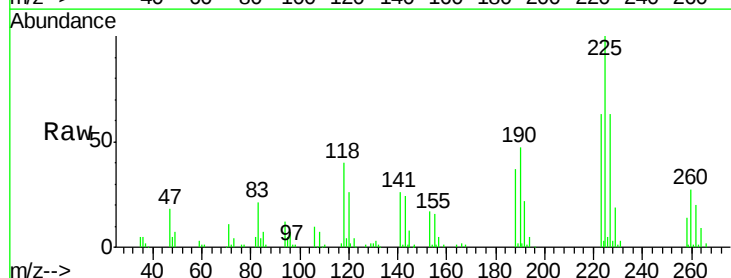
Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM



#34
 Hexachlorobutadiene
 Concen: 41.40 ng
 RT: 7.92 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94998		
223	63.5	52.6	79.0	
227	63.3	51.1	76.7	





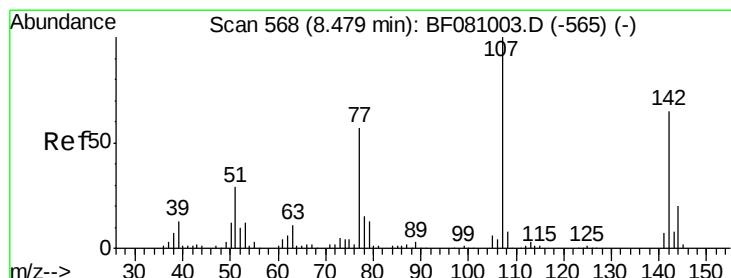
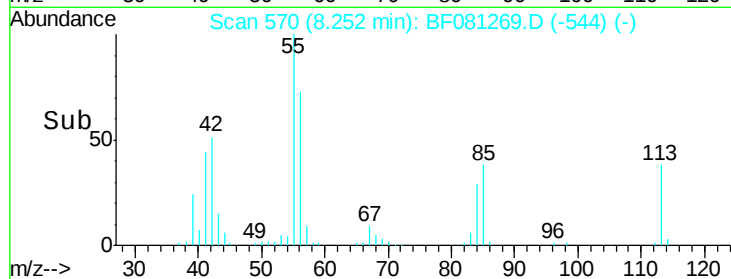
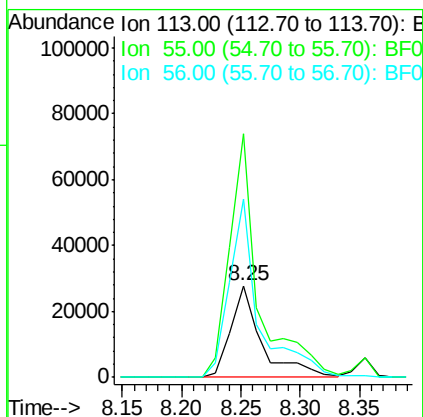
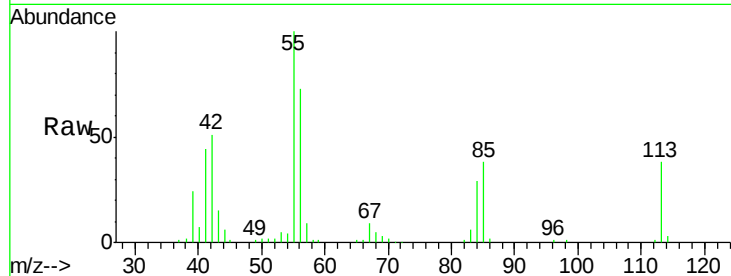
#35
 Caprolactam
 Concen: 39.73 ng
 RT: 8.25 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	50692		
55	265.8	280.4	320.4#	
56	194.6	205.9	245.9#	

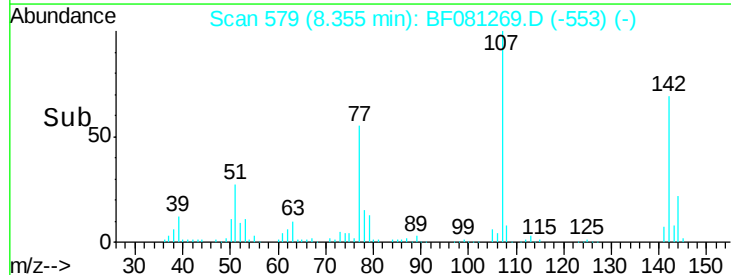
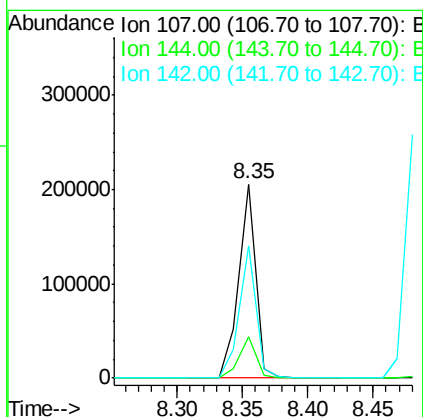
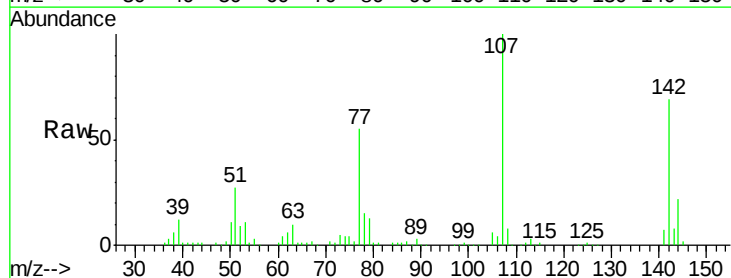
Manual Integrations
 APPROVED

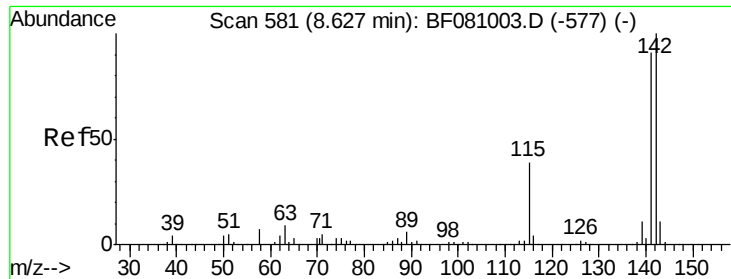
MMDadoda
 8/31/2015 1:58:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.54 ng
 RT: 8.35 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	185113		
144	21.6	17.2	25.8	
142	68.6	54.9	82.3	





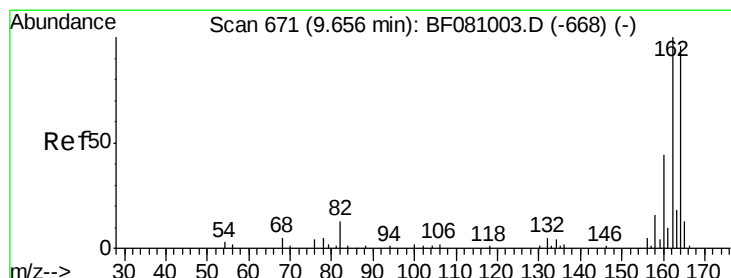
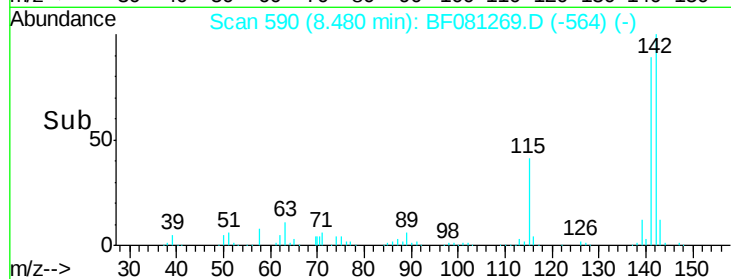
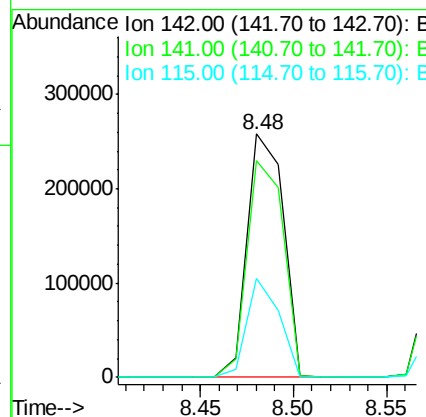
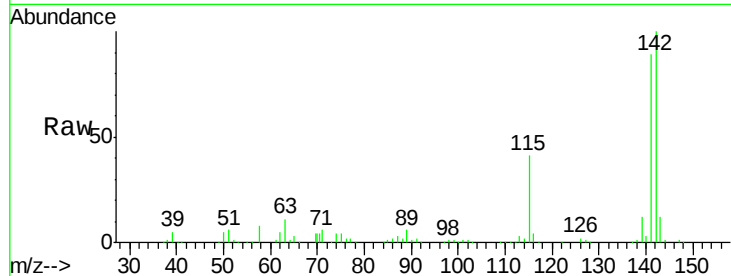
#37
 2-Methylnaphthalene
 Concen: 38.39 ng
 RT: 8.48 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	348080		
141	89.2	71.4	107.2	
115	40.8	33.4	50.0	

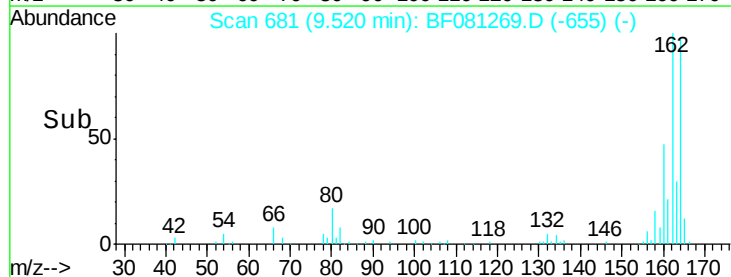
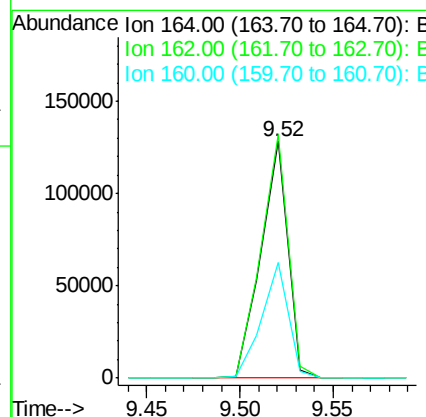
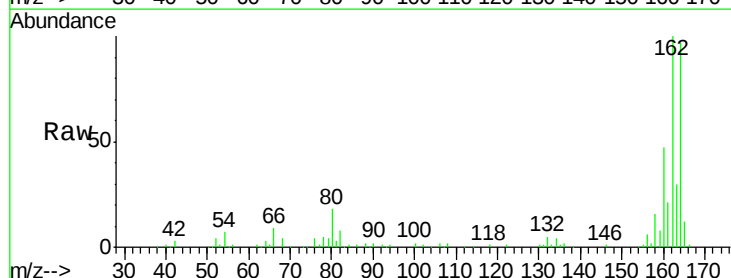
Manual Integrations
 APPROVED

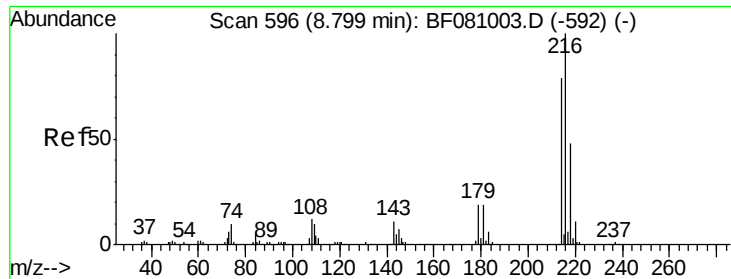
MMDadoda
 8/31/2015 1:58:32 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128285		
162	102.9	83.8	125.8	
160	48.7	39.8	59.8	





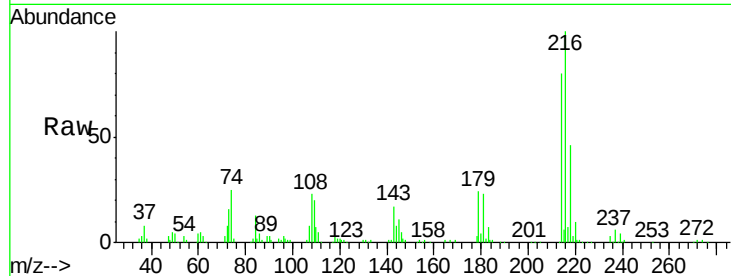
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.16 ng
 RT: 8.65 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	145535		
214	79.9	63.8	95.8	
179	23.4	17.8	26.8	
108	25.1	16.2	24.2	



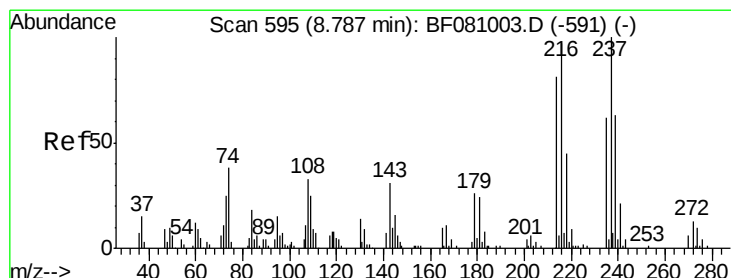
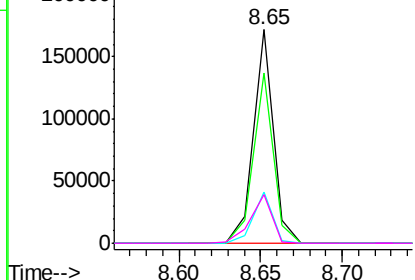
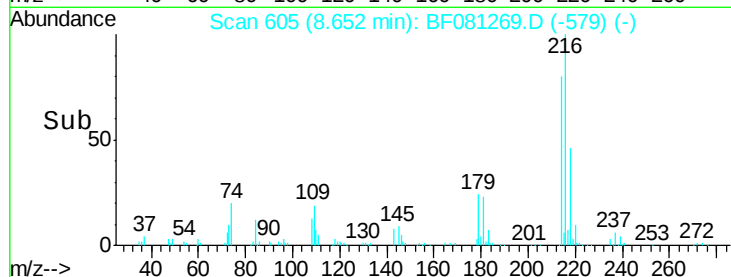
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

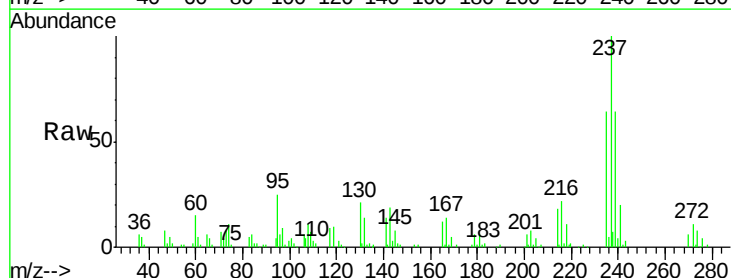
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 39.08 ng
 RT: 8.64 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	83720		
235	63.7	43.6	83.6	
272	11.1	0.0	32.2	

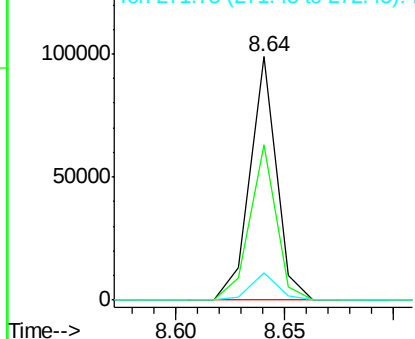
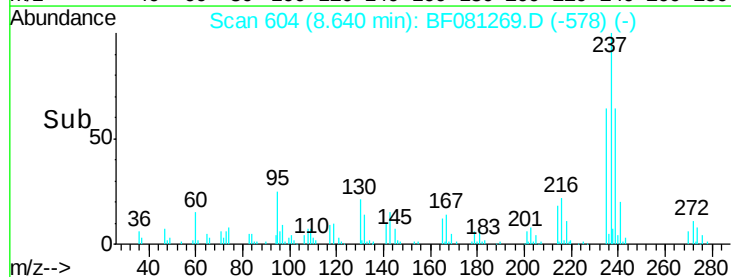


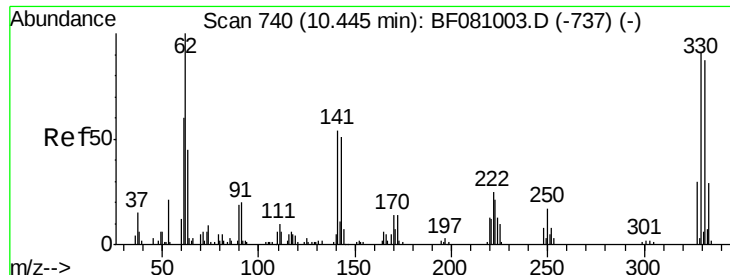
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





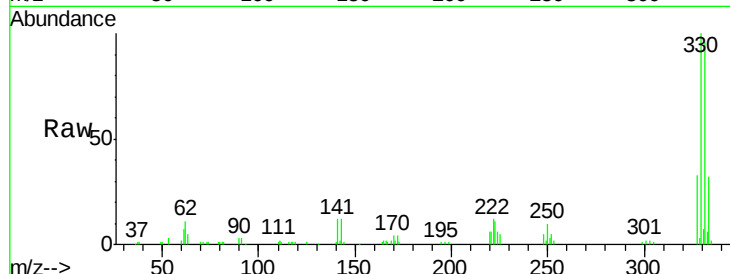
#41
 2,4,6-Tribromophenol
 Concen: 79.06 ng
 RT: 10.31 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

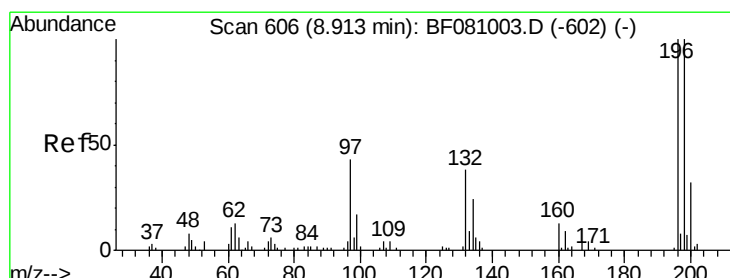
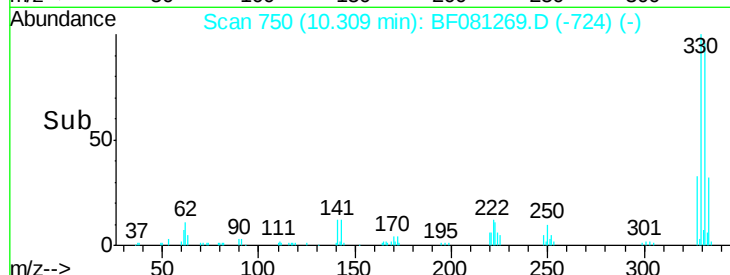
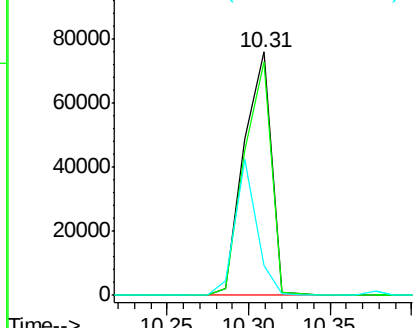
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	87915		
332	94.9	77.3	115.9	
141	44.0	44.9	67.3#	

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM



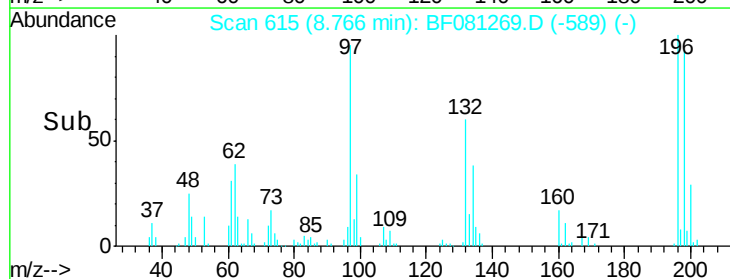
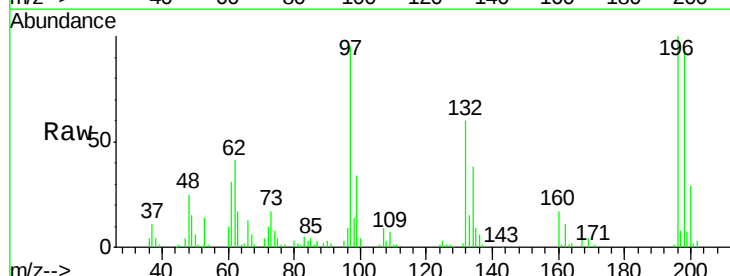
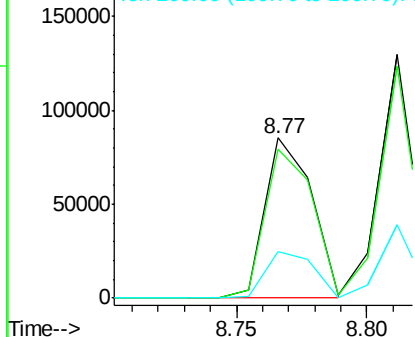
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

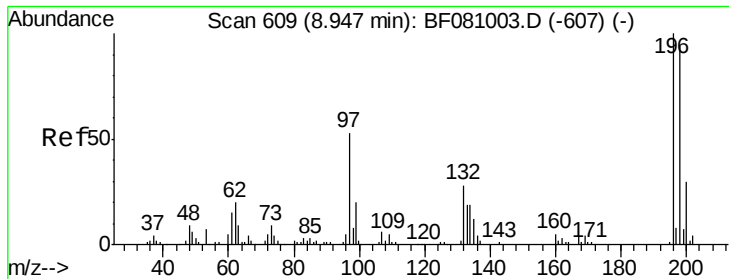


#42
 2,4,6-Trichlorophenol
 Concen: 36.41 ng
 RT: 8.77 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106460		
198	93.1	74.6	111.8	
200	29.1	22.7	34.1	

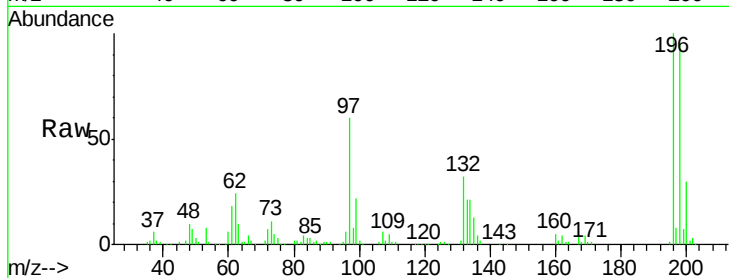
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 8.81 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

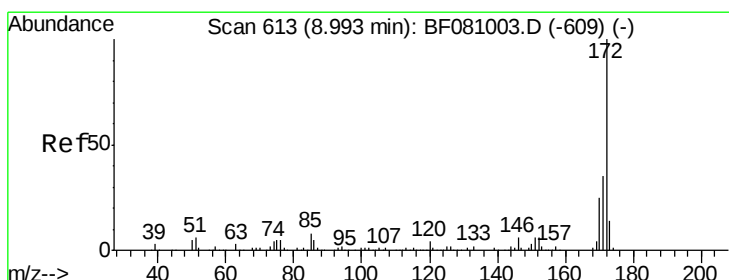
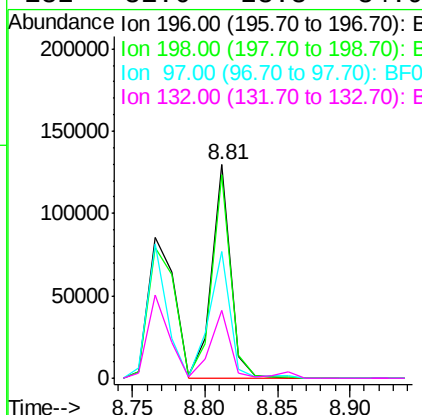
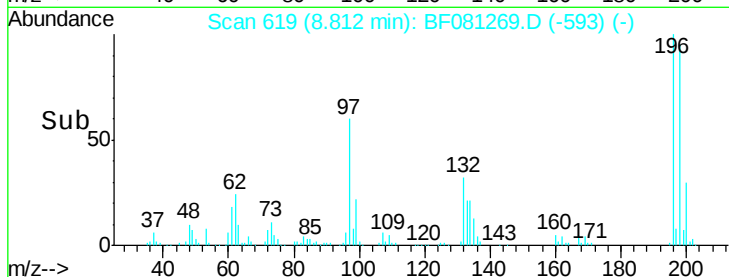
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



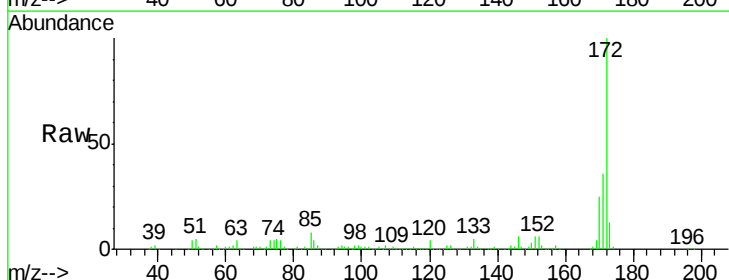
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116876		
198	95.1	78.3	117.5	
97	59.5	42.7	64.1	
132	31.6	23.3	34.9	

Manual Integrations
 APPROVED

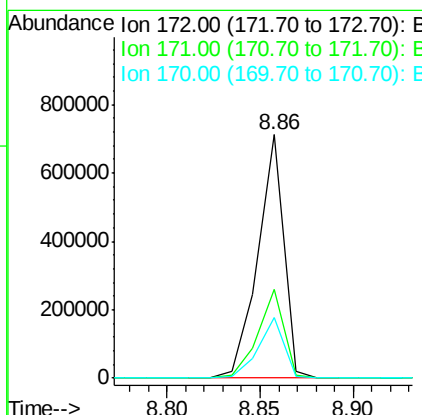
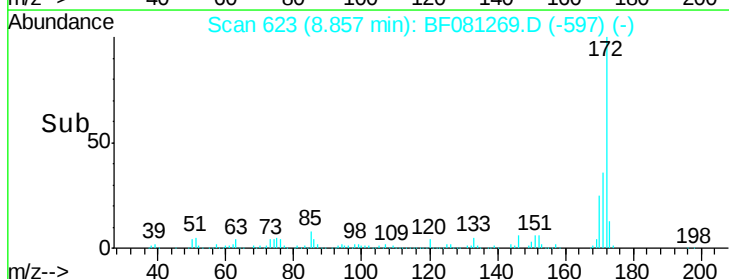
MMDadoda
 8/31/2015 1:58:32 PM

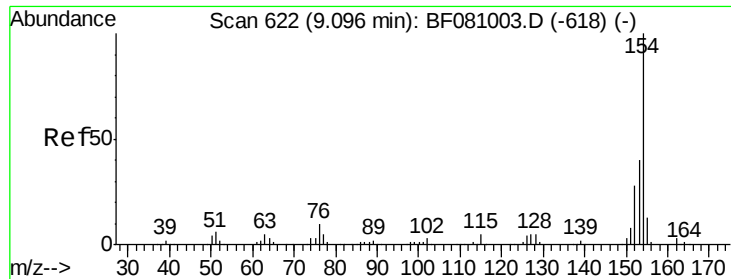


#44
 2-Fluorobiphenyl
 Concen: 69.99 ng
 RT: 8.86 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	685263		
171	36.3	28.9	43.3	
170	24.8	19.4	29.2	





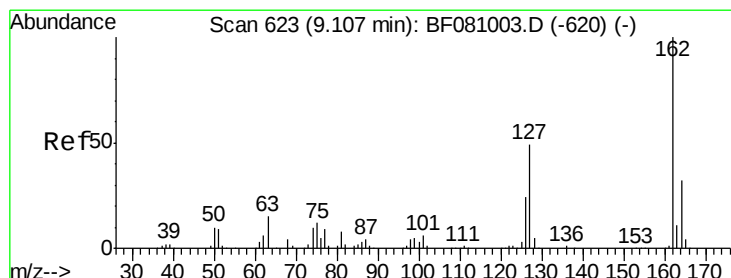
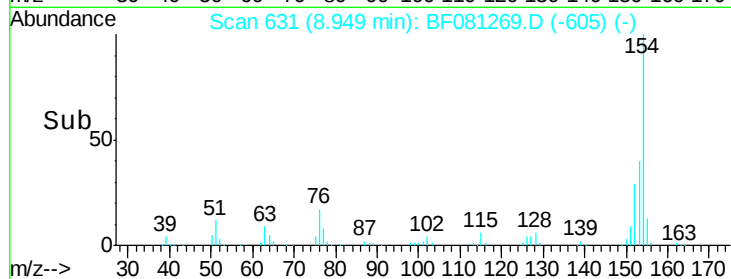
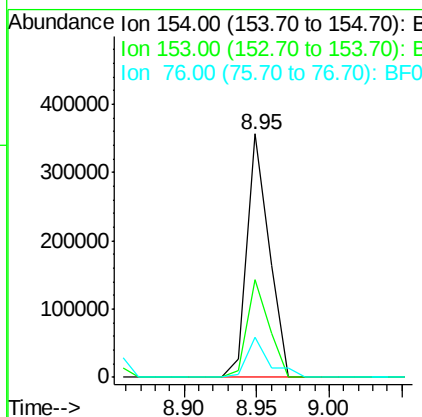
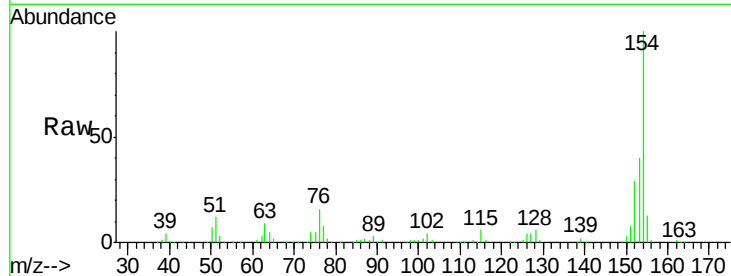
#45
 1,1'-Biphenyl
 Concen: 33.25 ng
 RT: 8.95 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	154	Resp:	375687
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.5	59.5
76	16.5	0.0	29.3

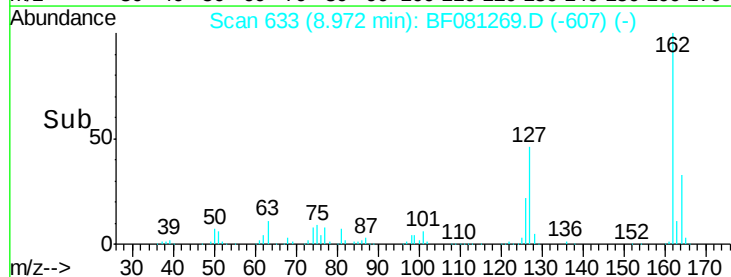
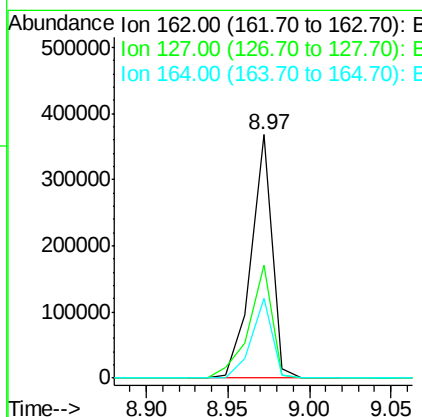
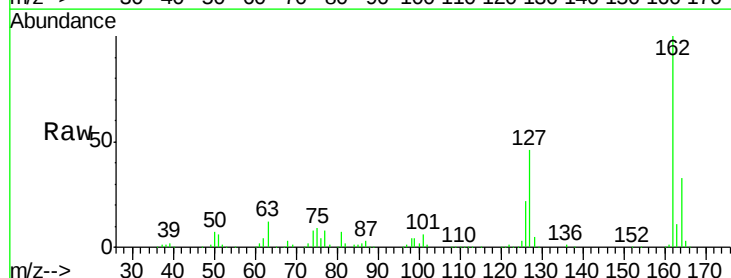
Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM



#46
 2-Chloronaphthalene
 Concen: 36.45 ng
 RT: 8.97 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion:	162	Resp:	330886
Ion Ratio	Lower	Upper	
162	100		
127	46.2	31.3	46.9
164	32.9	26.3	39.5





#47

2-Nitroaniline

Concen: 36.38 ng

RT: 9.07 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF081269.D

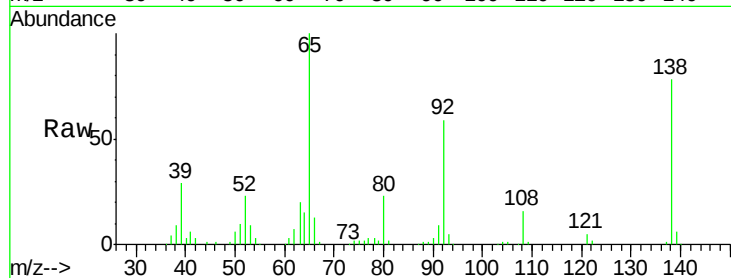
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

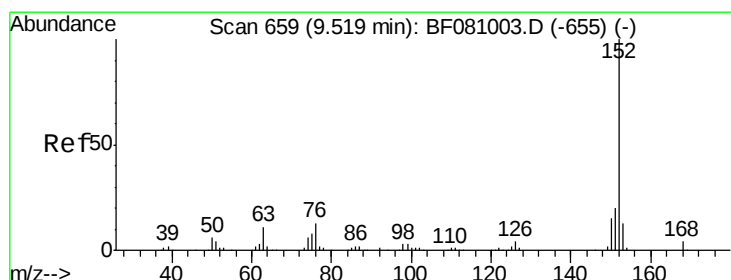
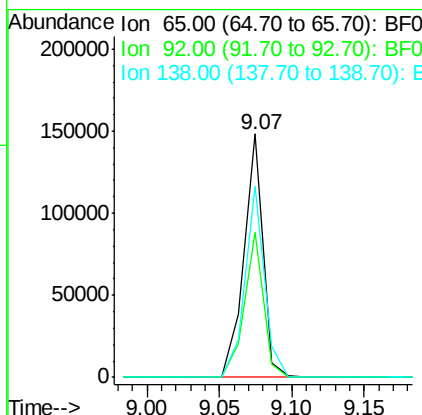
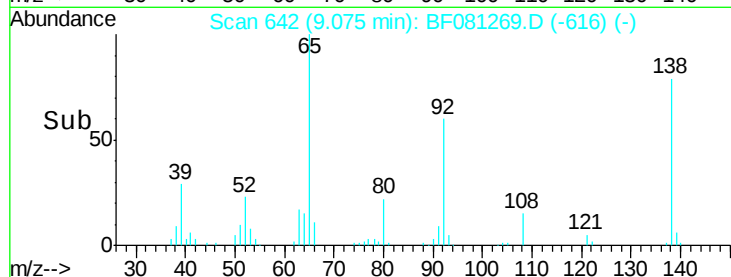
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135155		
92	59.4	45.6	68.4	
138	78.4	57.9	86.9	

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#48

Acenaphthylene

Concen: 36.71 ng

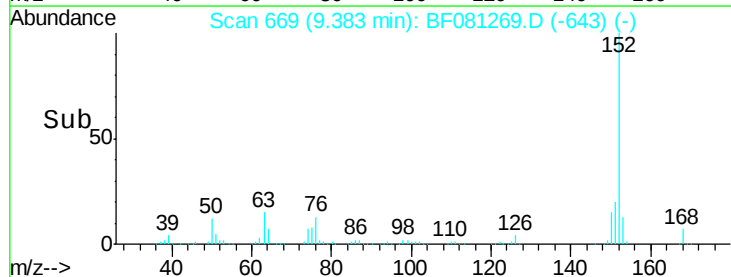
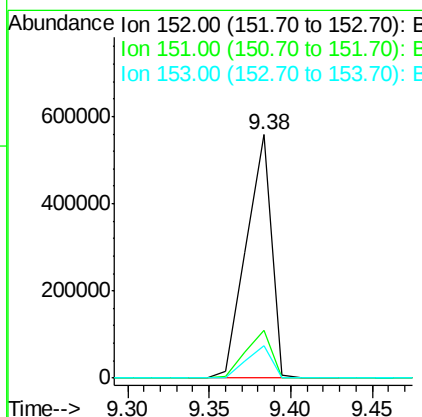
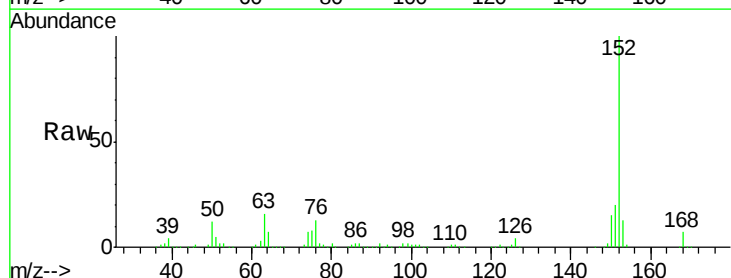
RT: 9.38 min Scan# 669

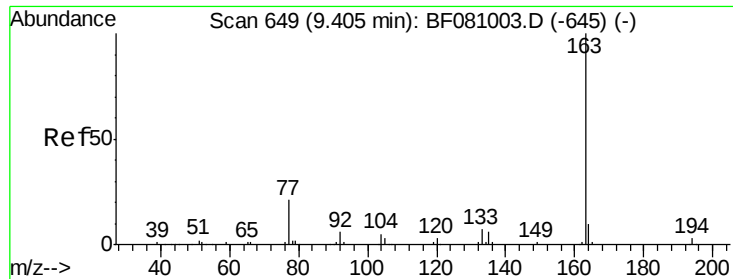
Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	596178		
151	19.9	16.1	24.1	
153	13.2	9.8	14.6	





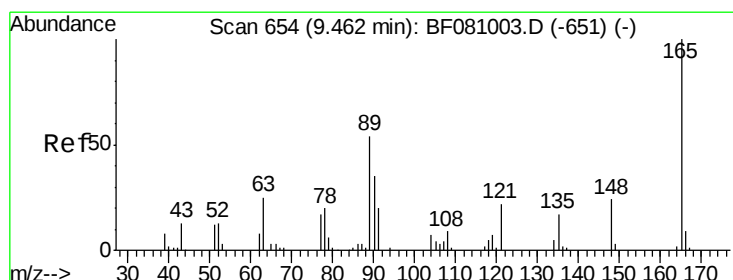
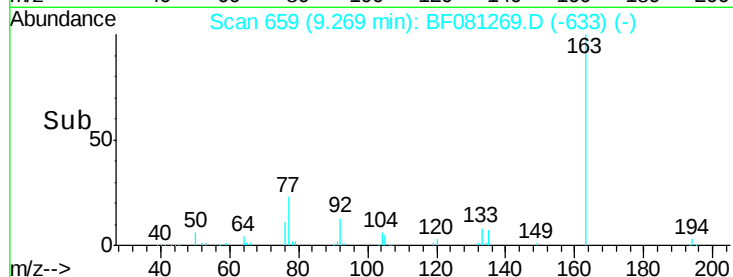
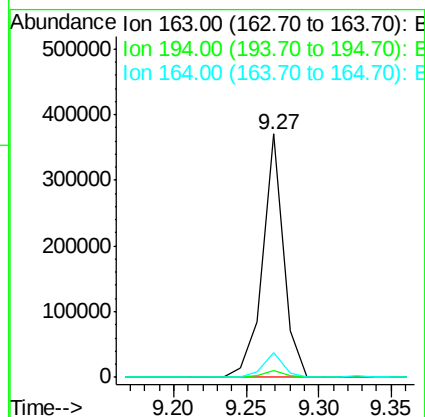
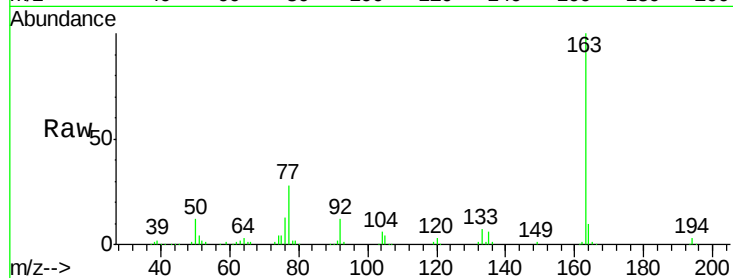
#49
Dimethylphthalate
Concen: 35.13 ng
RT: 9.27 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.5	3.7
164	10.3	8.1	12.1

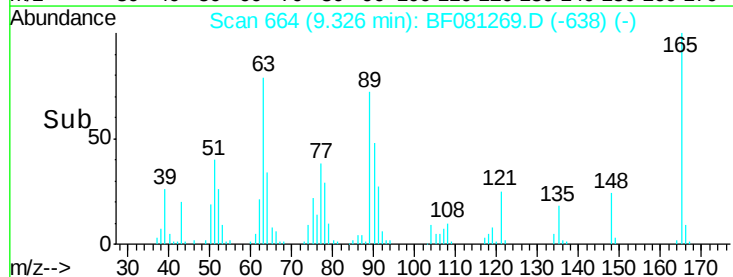
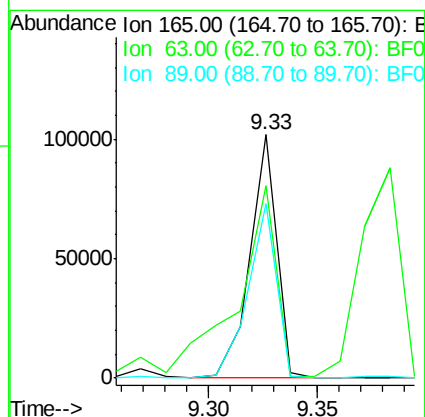
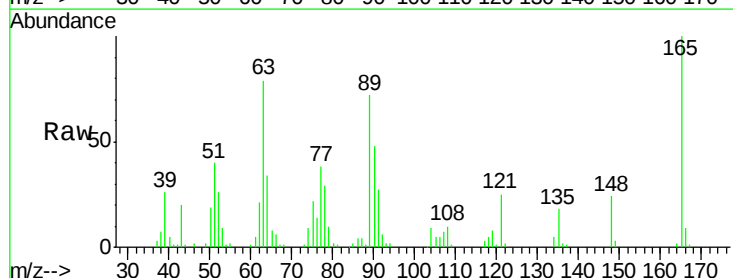
Manual Integrations
APPROVED

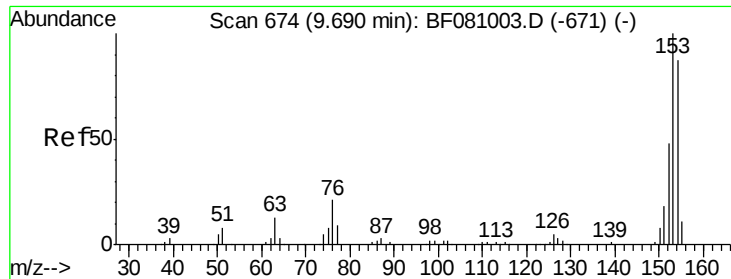
MMDadoda
8/31/2015 1:58:32 PM



#50
2,6-Dinitrotoluene
Concen: 38.43 ng
RT: 9.33 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	79.1	49.5	74.3#
89	71.6	47.6	71.4#





#51

Acenaphthene

Concen: 34.86 ng

RT: 9.55 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF081269.D

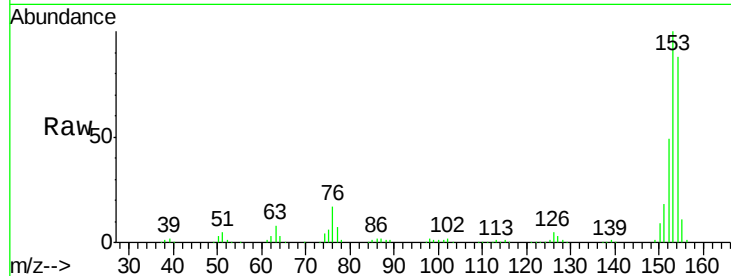
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

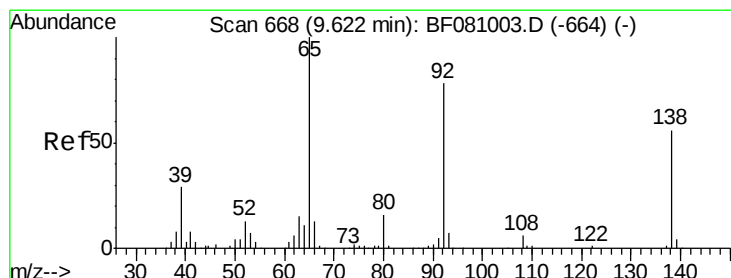
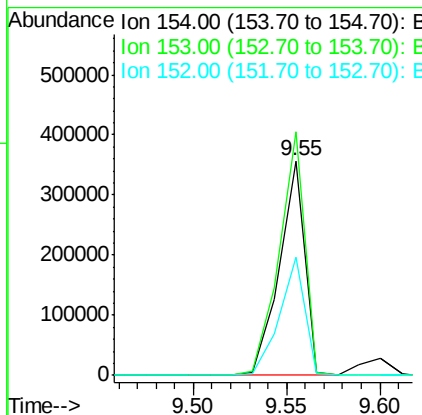
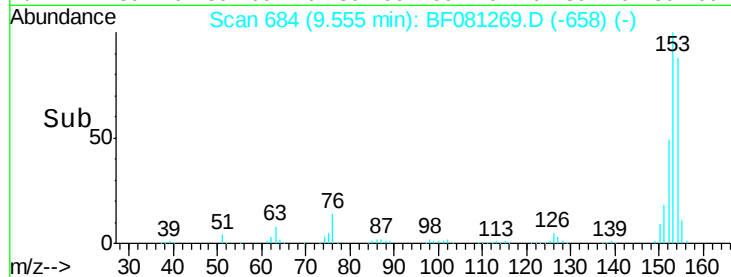
SSTDCCC040



Tgt Ion:	154	Resp:	338859
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.4	137.2
152	55.1	43.7	65.5

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#52

3-Nitroaniline

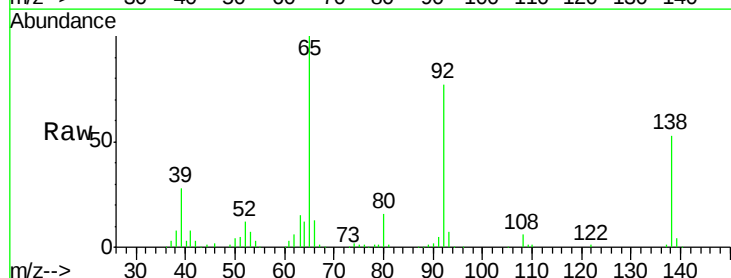
Concen: 32.42 ng

RT: 9.49 min Scan# 678

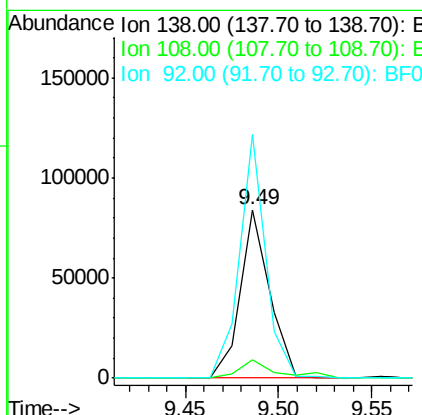
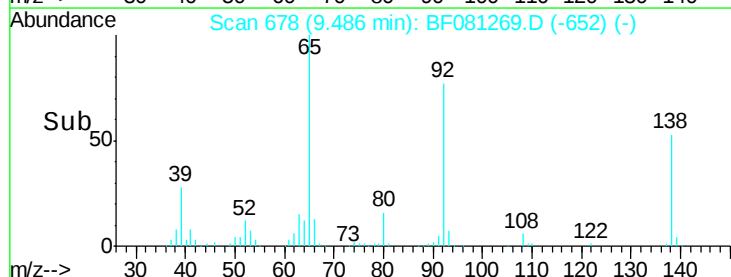
Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07



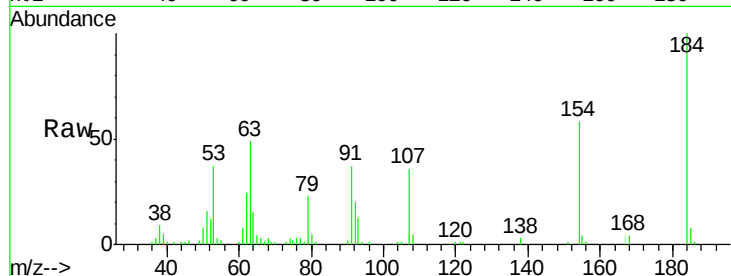
Tgt Ion:	138	Resp:	92039
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.2
92	144.7	113.2	169.8





#53
2,4-Dinitrophenol
Concen: 48.46 ng
RT: 9.60 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

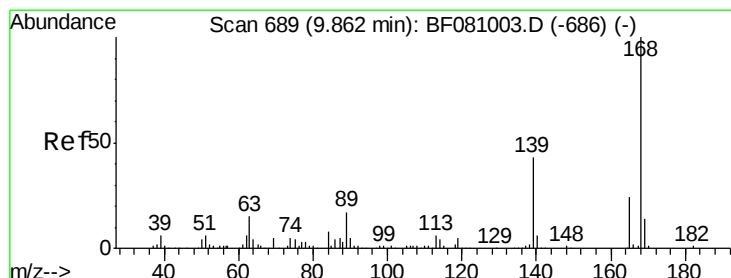
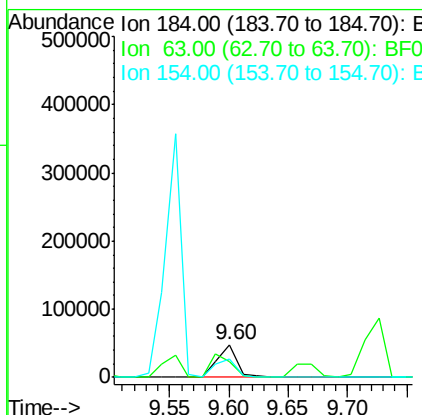
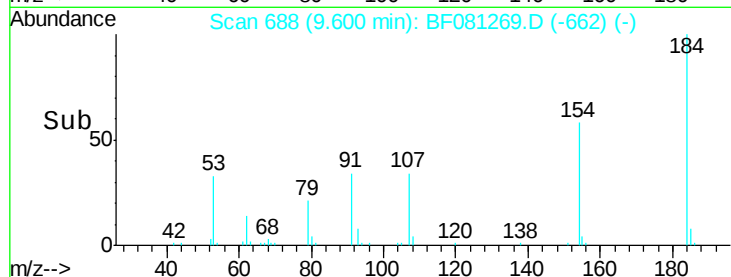
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 55247
Ion Ratio Lower Upper
184 100
63 49.0 101.7 152.5#
154 57.6 67.4 101.0#

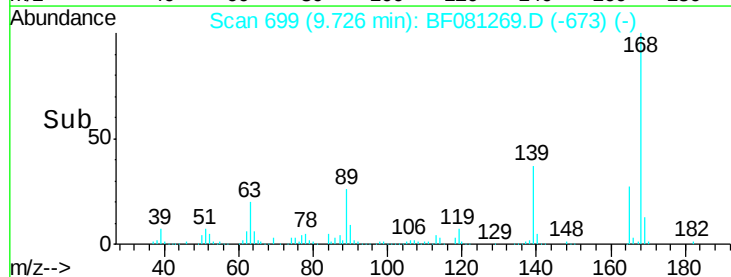
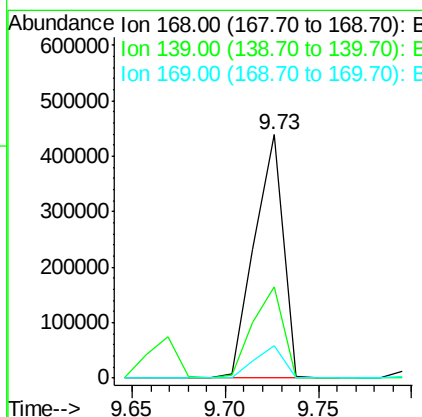
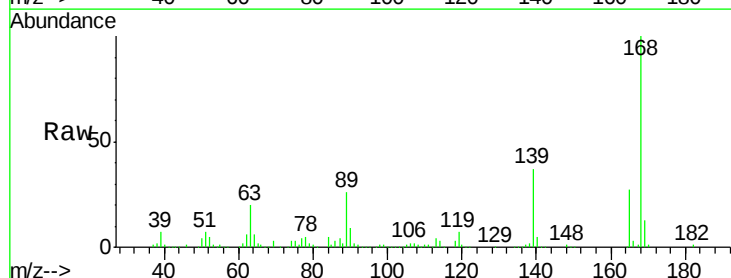
Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#54
Dibenzofuran
Concen: 35.92 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion:168 Resp: 467960
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.1 10.3 15.5





#55

4-Nitrophenol

Concen: 41.48 ng

RT: 9.67 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:139 Resp: 82687
Ion Ratio Lower Upper

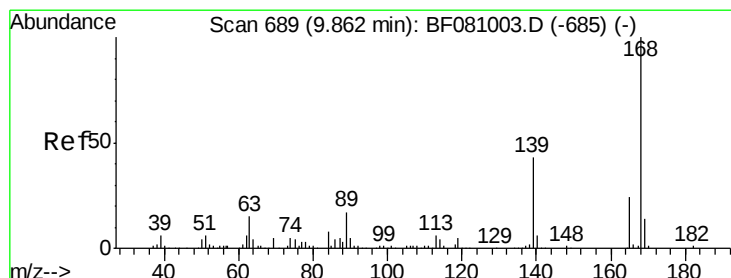
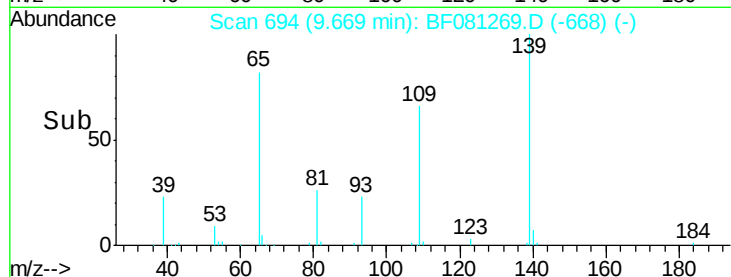
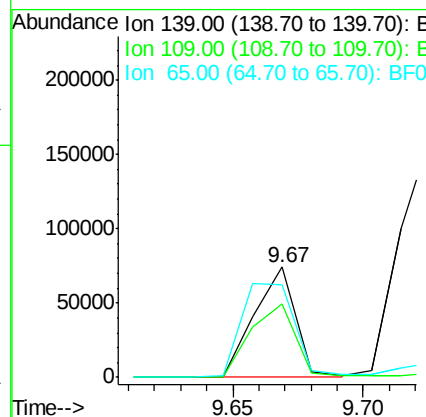
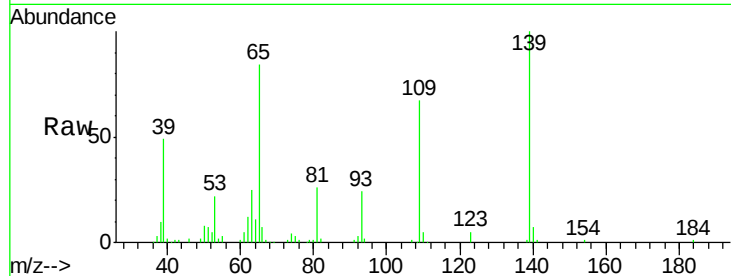
139 100

109 66.7 80.0 120.0#

65 84.4 138.3 178.3#

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#56

2,4-Dinitrotoluene

Concen: 37.18 ng

RT: 9.73 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

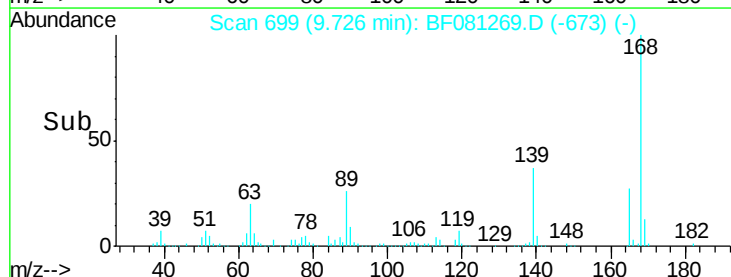
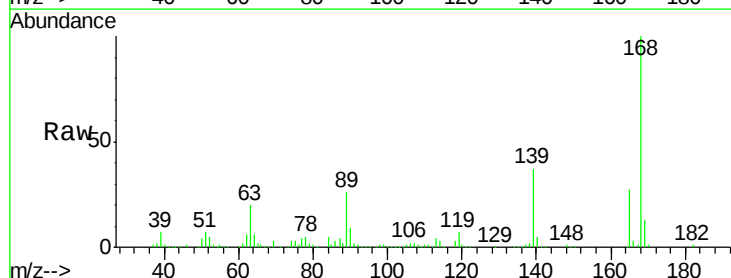
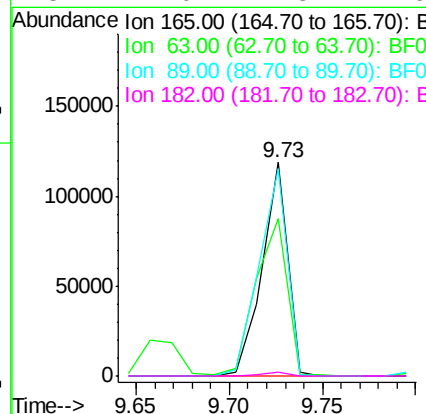
Tgt Ion:165 Resp: 111794
Ion Ratio Lower Upper

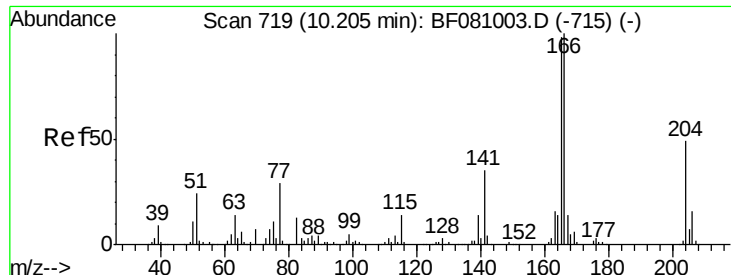
165 100

63 73.6 52.2 78.4

89 96.9 60.1 90.1#

182 2.0 1.8 2.6





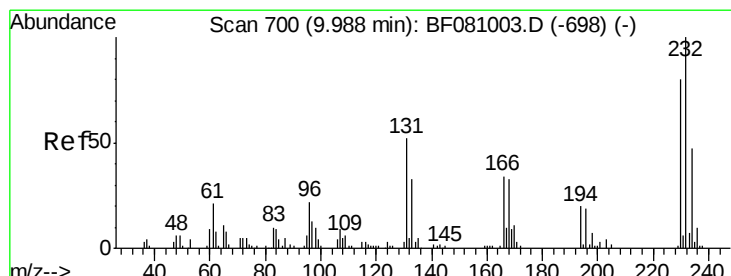
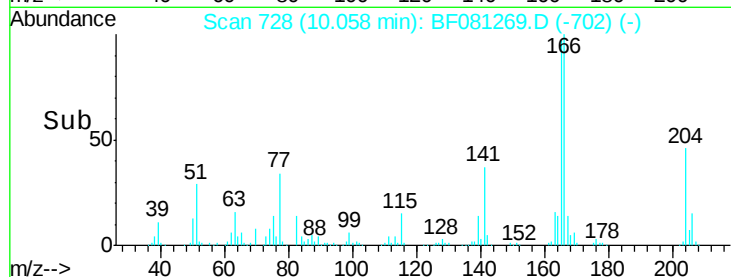
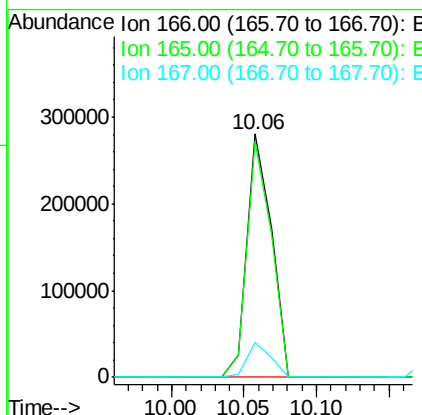
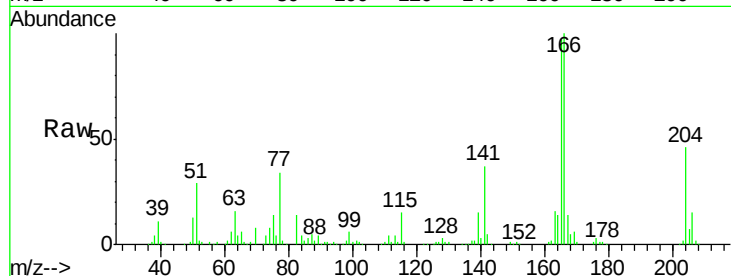
#57
Fluorene
 Concen: 32.82 ng
 RT: 10.06 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	328896		
165	96.6	75.8	113.8	
167	14.4	11.3	16.9	

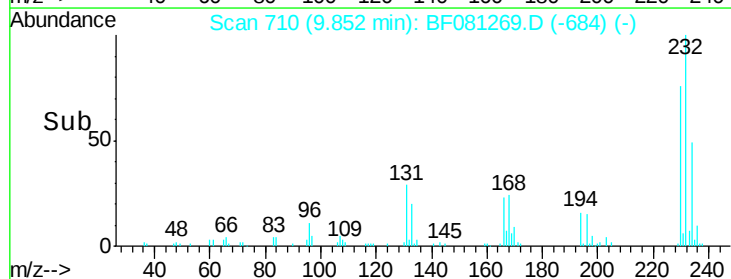
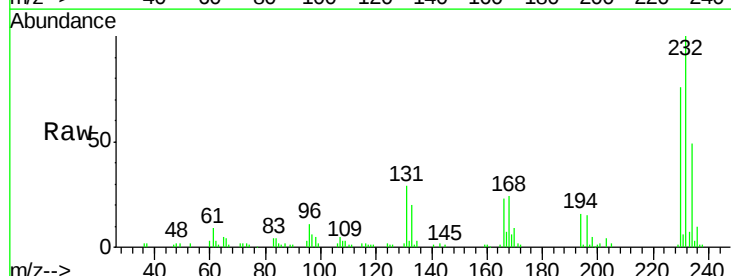
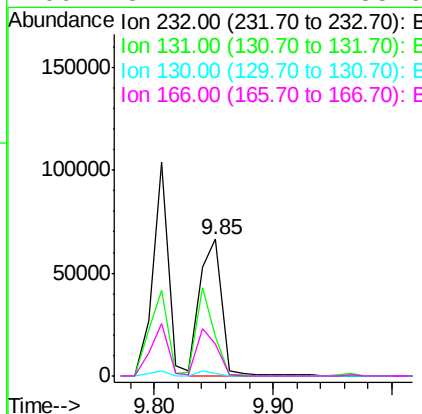
Manual Integrations
 APPROVED

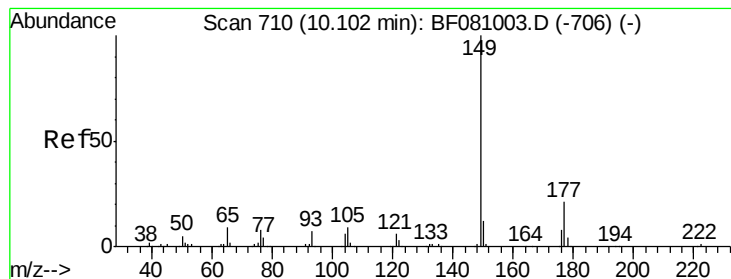
MMDadoda
 8/31/2015 1:58:32 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.89 ng
 RT: 9.85 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	85707		
131	53.2	42.2	63.4	
130	2.6	2.1	3.1	
166	31.1	22.4	33.6	





#59

Diethylphthalate

Concen: 39.82 ng

RT: 9.97 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081269.D

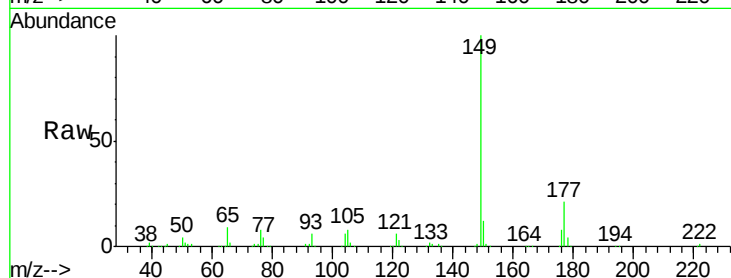
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 445258

Ion Ratio Lower Upper

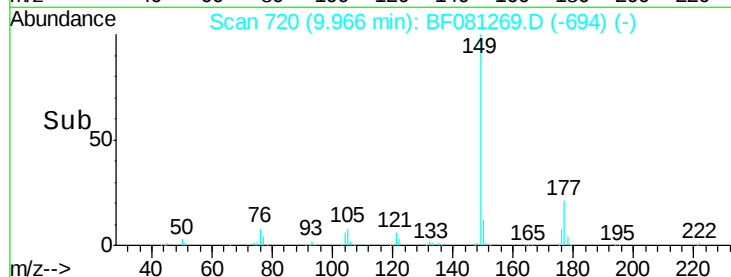
149 100

177 20.7 14.1 21.1

150 12.4 10.3 15.5

Manual Integrations
APPROVED

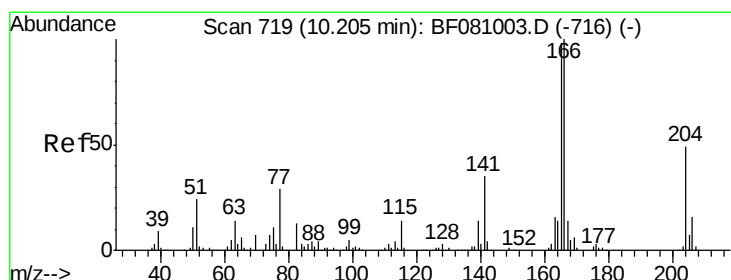
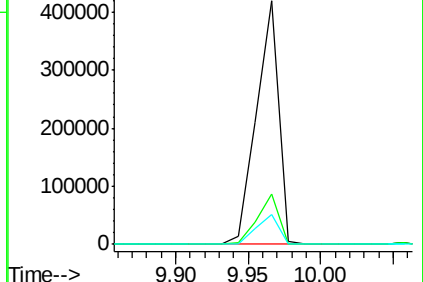
MMDadoda
8/31/2015 1:58:32 PM



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: 35.94 ng

RT: 10.06 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

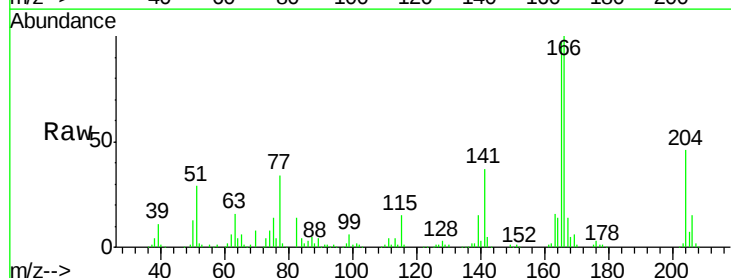
Tgt Ion:204 Resp: 152401

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

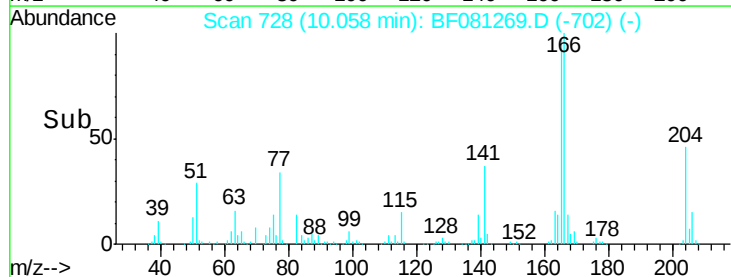
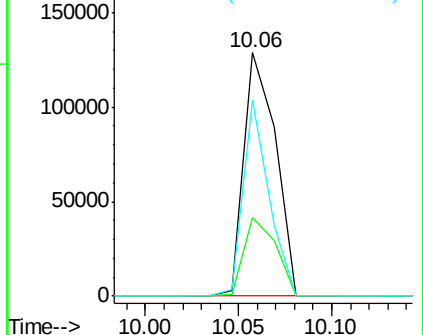
141 80.6 59.6 89.4



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: 35.97 ng

RT: 10.10 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081269.D

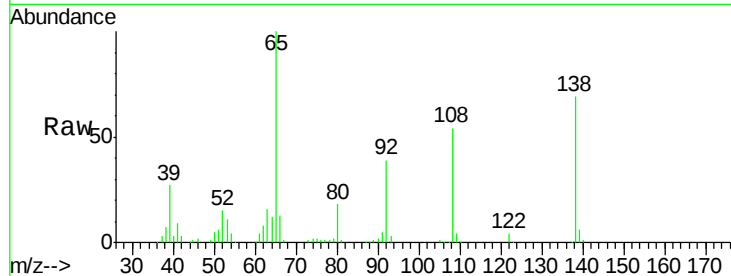
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

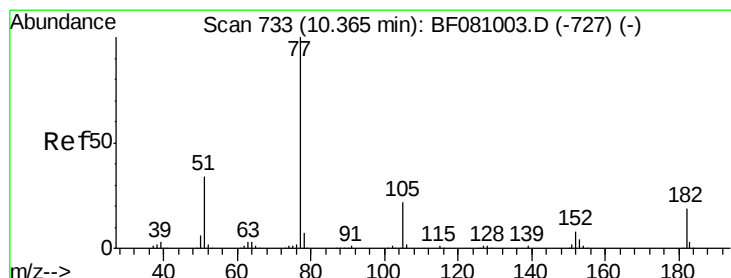
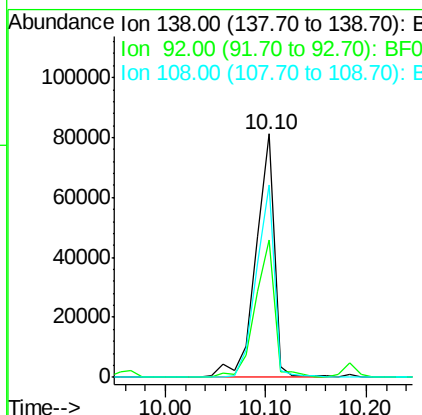
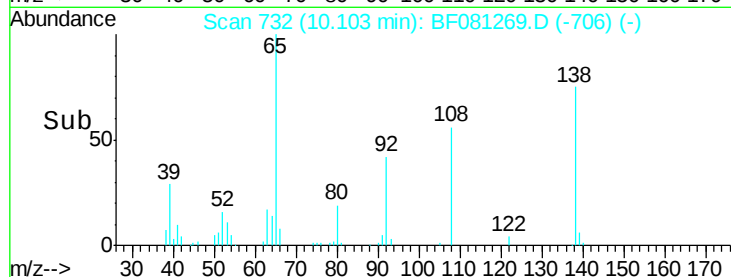
SSTDCCC040



Tgt Ion:	138	Resp:	104360
Ion Ratio	Lower	Upper	
138	100		
92	56.2	34.7	74.7
108	78.9	68.9	108.9

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#62

Azobenzene

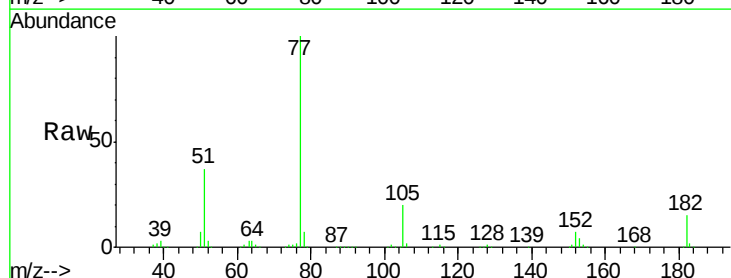
Concen: 33.99 ng

RT: 10.22 min Scan# 742

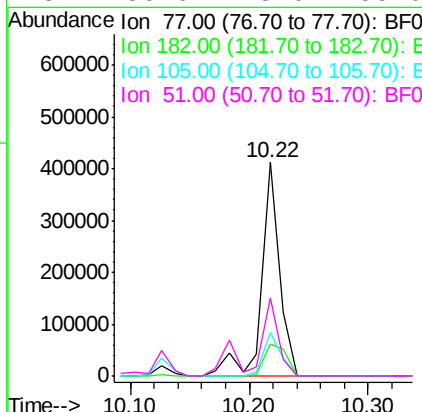
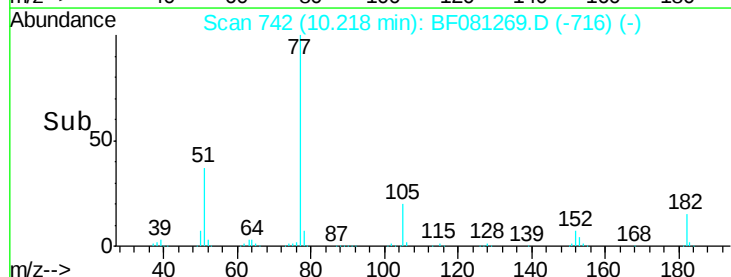
Delta R.T. 0.00 min

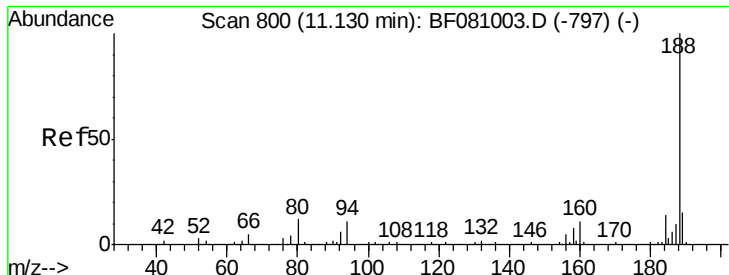
Lab File: BF081269.D

Acq: 29 Aug 2015 14:07



Tgt Ion:	77	Resp:	437986
Ion Ratio	Lower	Upper	
77	100		
182	15.1	0.0	39.0
105	20.2	0.2	40.2
51	36.6	18.0	58.0





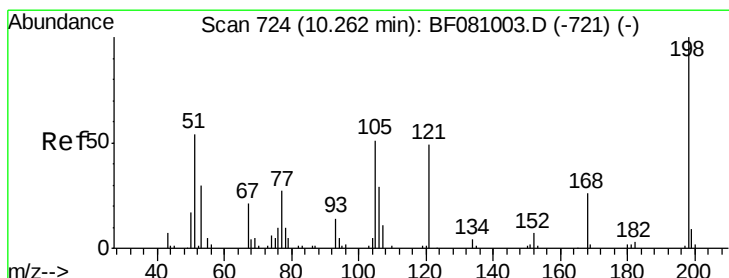
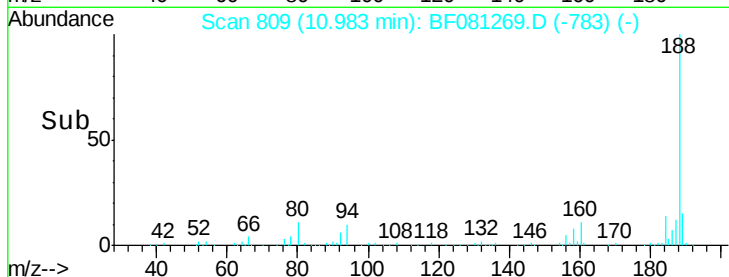
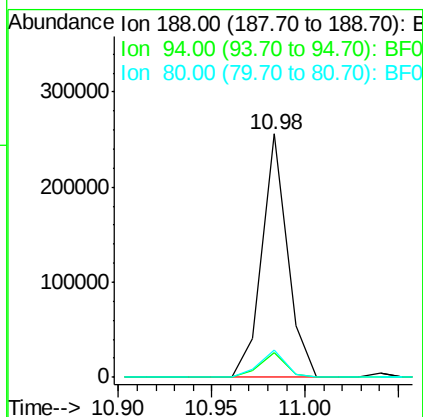
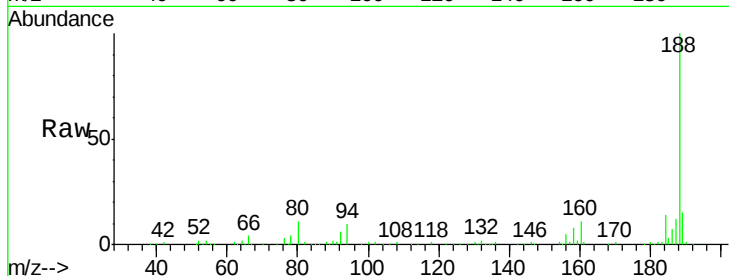
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.2	12.2
80	11.0	9.5	14.3

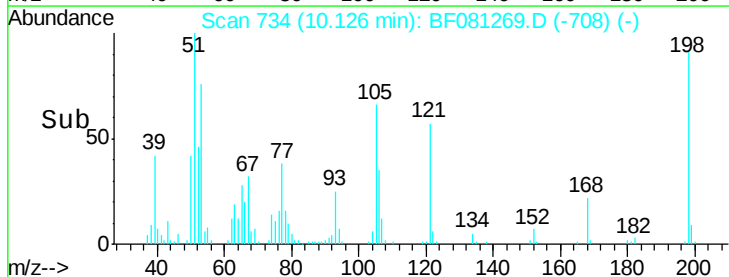
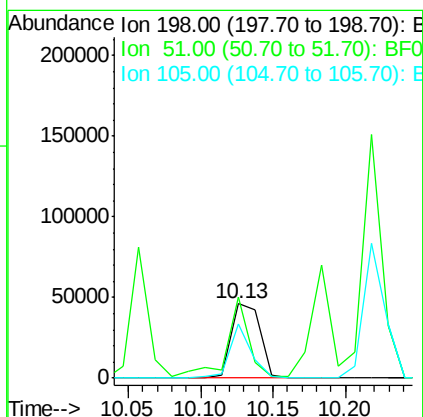
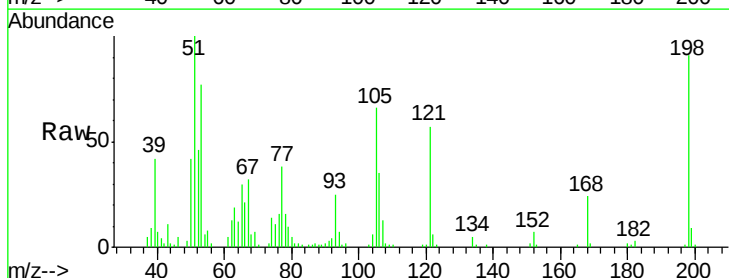
Manual Integrations
APPROVED

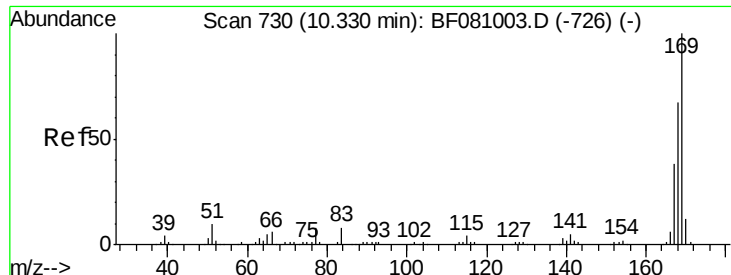
MMDadoda
8/31/2015 1:58:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.17 ng
RT: 10.13 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	109.3	79.7	119.7
105	72.5	47.0	87.0





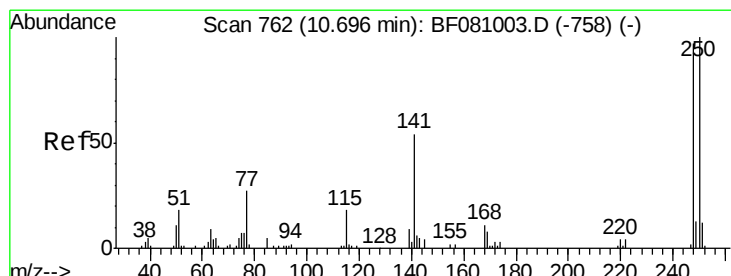
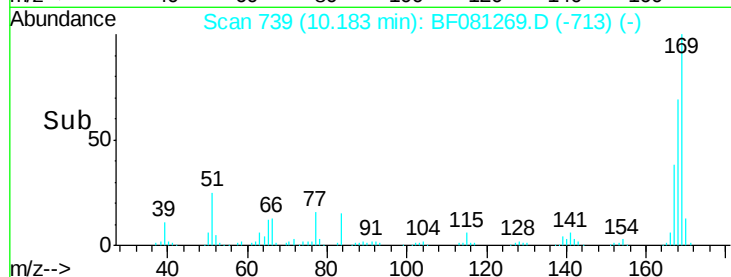
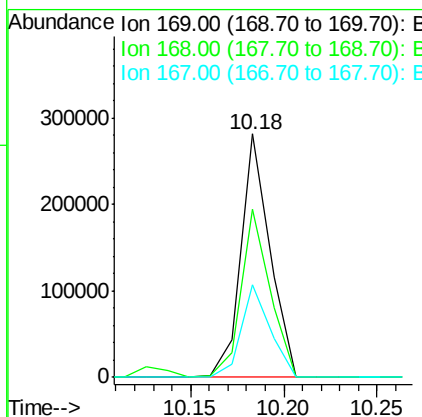
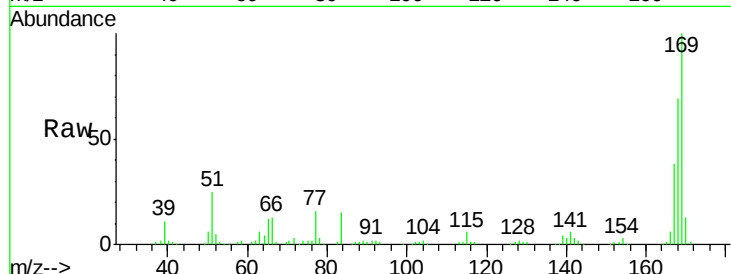
#65
 n-Nitrosodiphenylamine
 Concen: 35.24 ng
 RT: 10.18 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	304093		
168	69.0	55.3	82.9	
167	38.1	30.8	46.2	

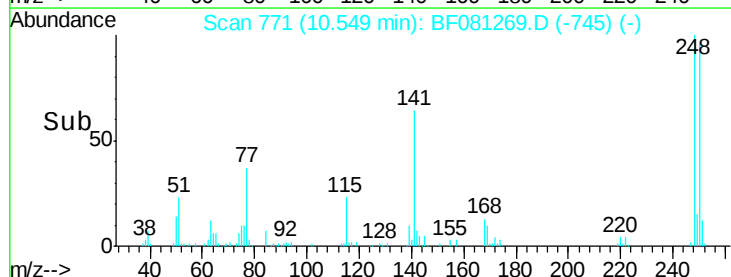
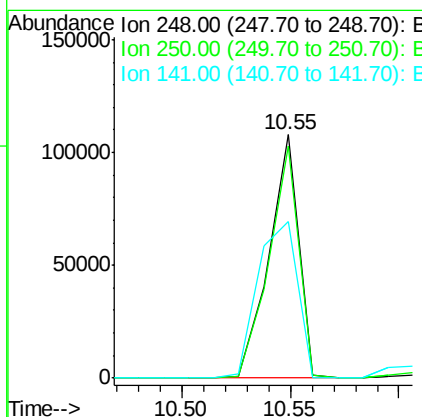
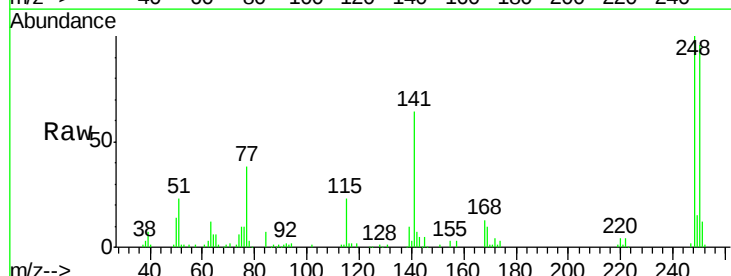
Manual Integrations
 APPROVED

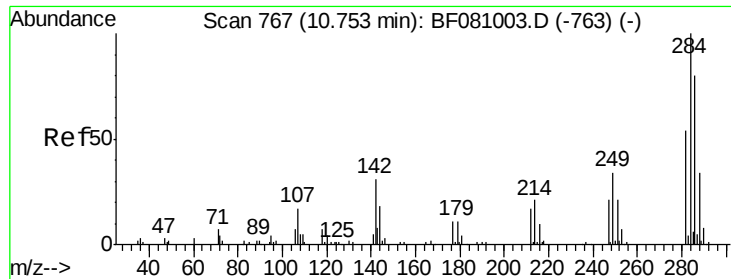
MMDadoda
 8/31/2015 1:58:32 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.46 ng
 RT: 10.55 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	103199		
250	95.6	77.8	116.6	
141	64.2	39.8	59.6	





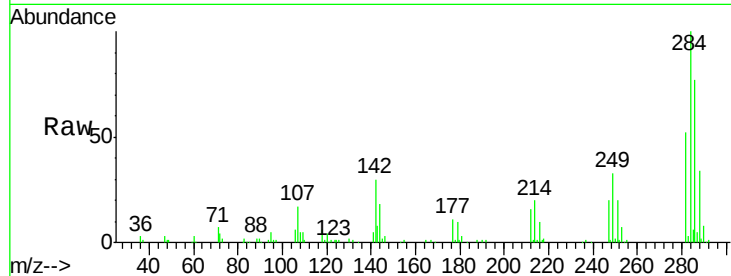
#67
Hexachlorobenzene
Concen: 42.54 ng
RT: 10.61 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

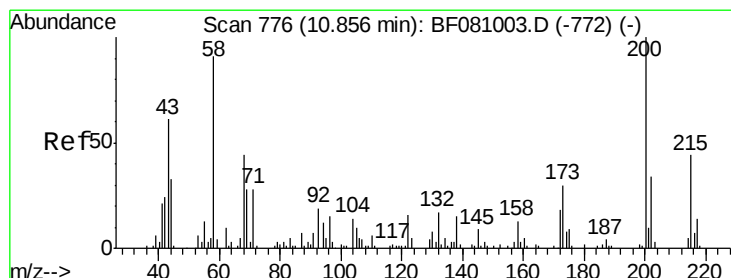
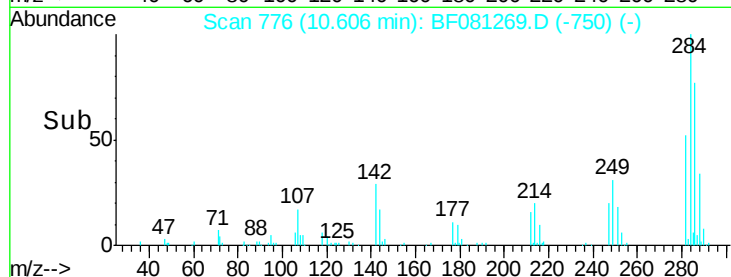
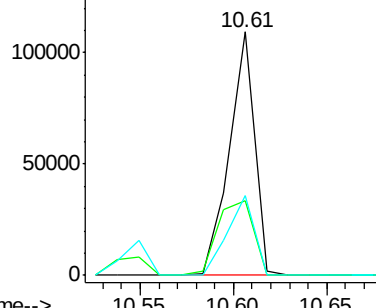
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	30.4	25.4	38.0
249	32.6	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM

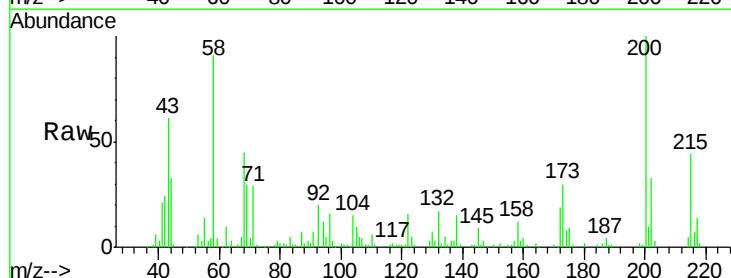


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

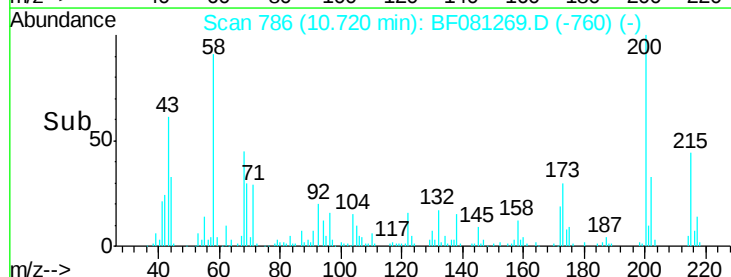
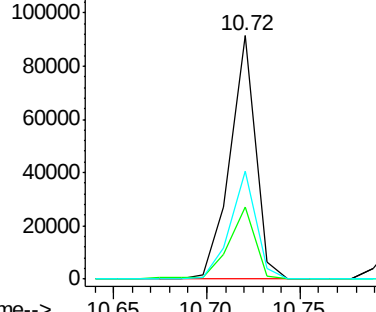


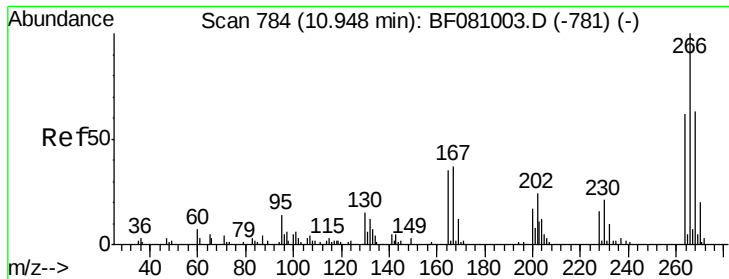
#68
Atrazine
Concen: 36.18 ng
RT: 10.72 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.7	8.1	48.1
215	44.2	23.3	63.3



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





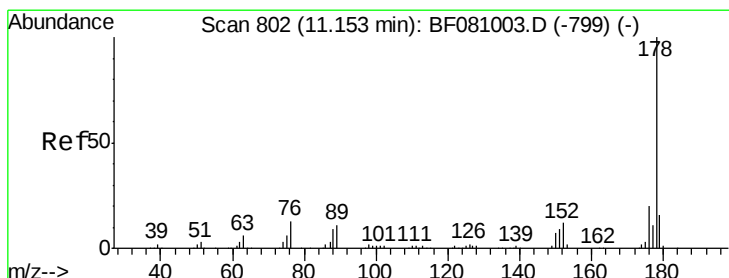
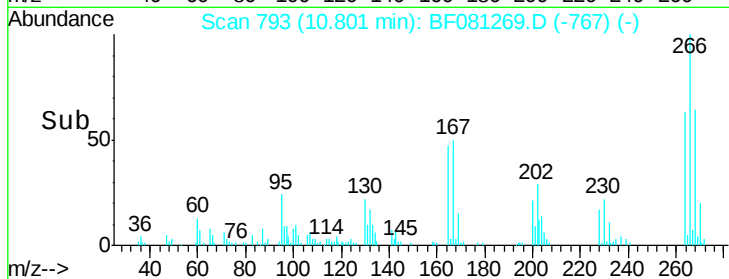
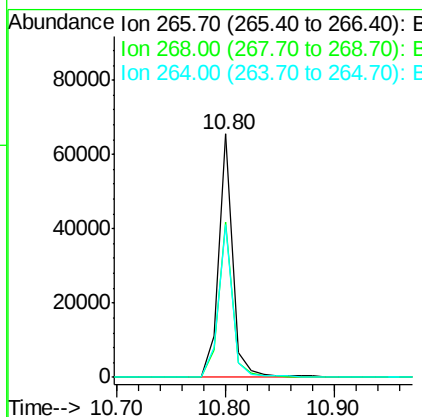
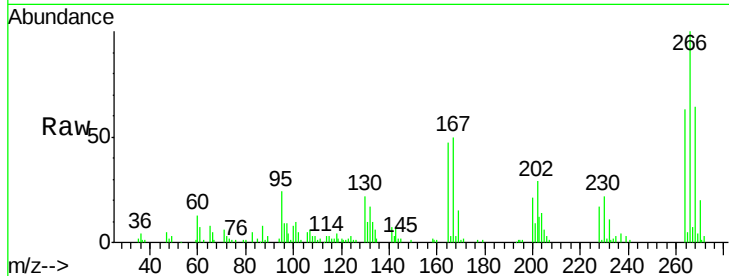
#69
 Pentachlorophenol
 Concen: 41.68 ng
 RT: 10.80 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	60139		
268	63.6	51.2	76.8	
264	62.6	50.6	75.8	

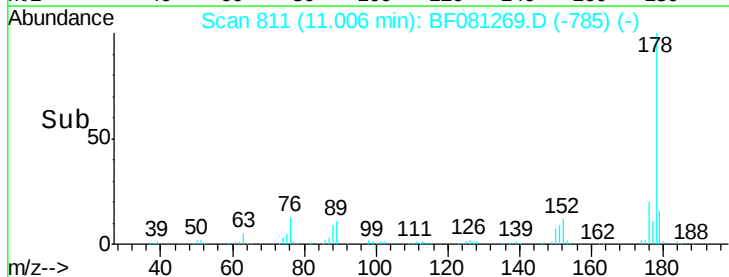
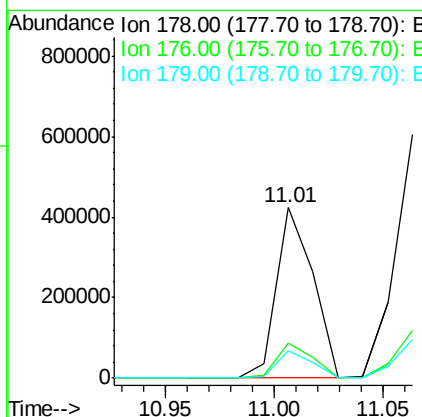
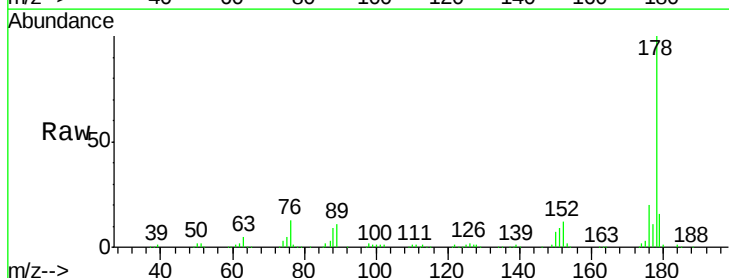
Manual Integrations
 APPROVED

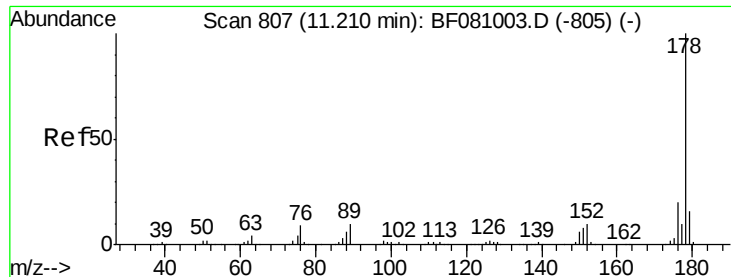
MMDadoda
 8/31/2015 1:58:32 PM



#70
 Phenanthrene
 Concen: 34.73 ng
 RT: 11.01 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	497517		
176	20.2	15.7	23.5	
179	16.1	12.2	18.2	





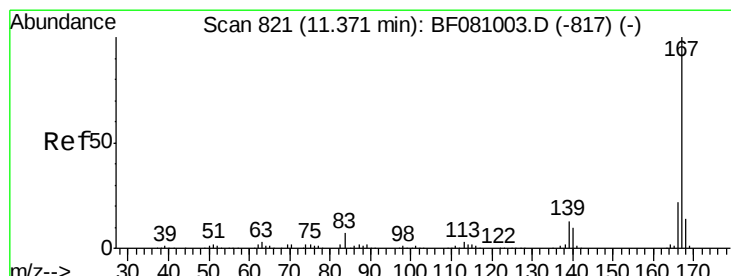
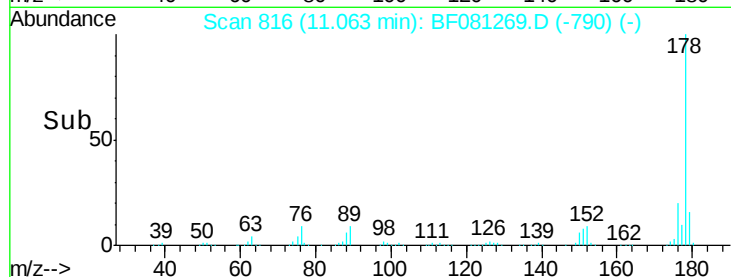
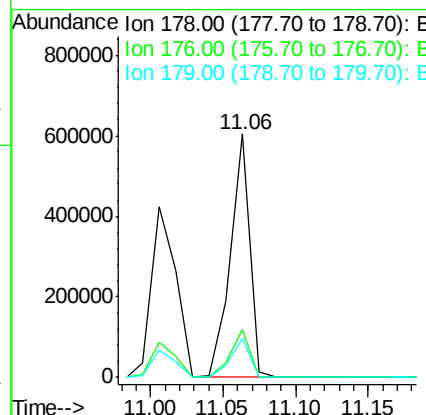
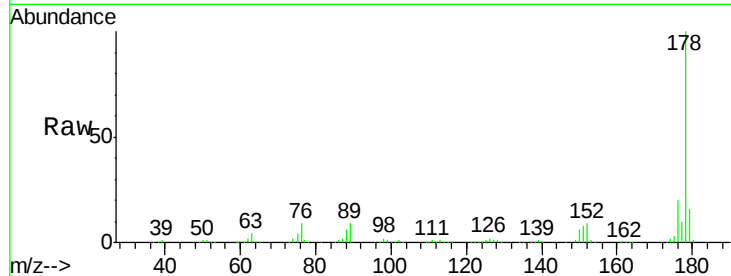
#71
 Anthracene
 Concen: 40.02 ng
 RT: 11.06 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	557886		
176	19.6	15.7	23.5	
179	15.8	12.7	19.1	

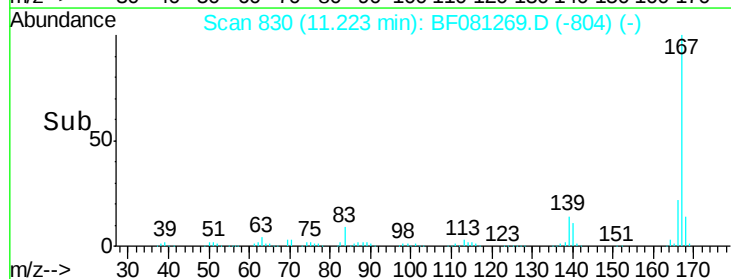
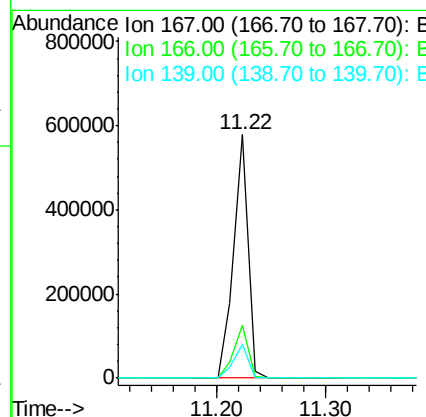
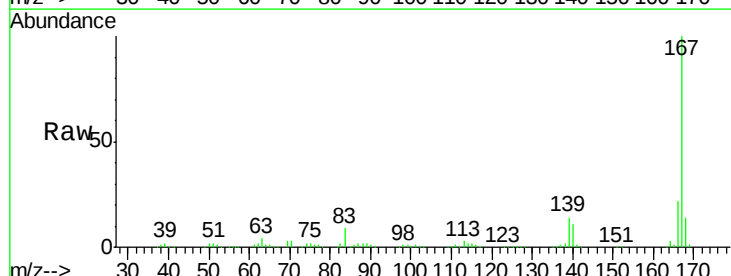
Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM



#72
 Carbazole
 Concen: 39.79 ng
 RT: 11.22 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	534029		
166	21.8	17.4	26.0	
139	14.0	10.6	16.0	





#73

Di-n-butylphthalate

Concen: 40.46 ng

RT: 11.57 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

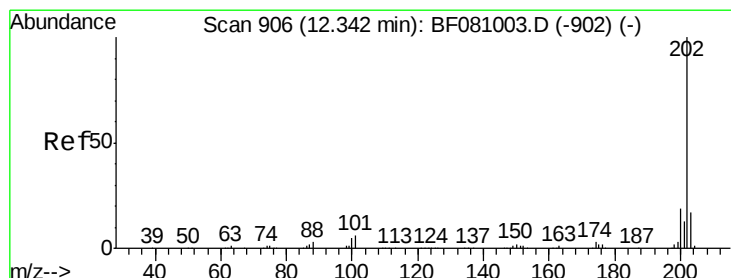
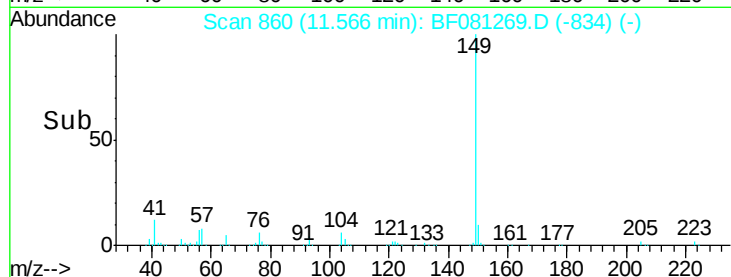
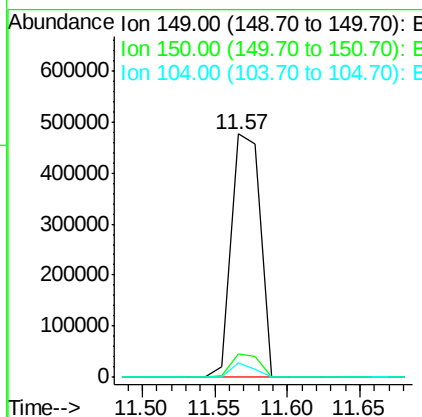
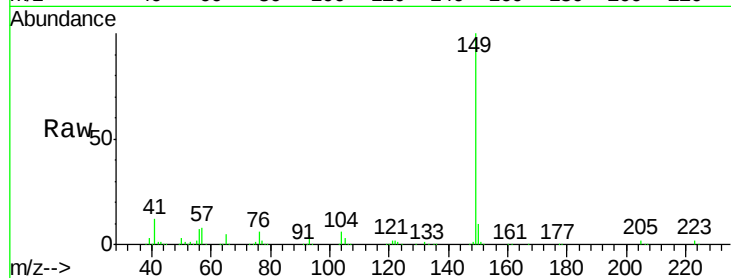
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	657059
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.7	3.9	5.9

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#74

Fluoranthene

Concen: 35.60 ng

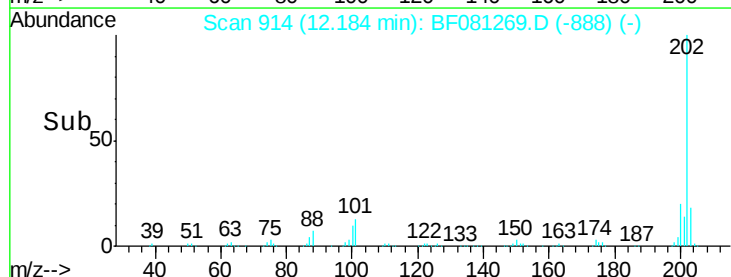
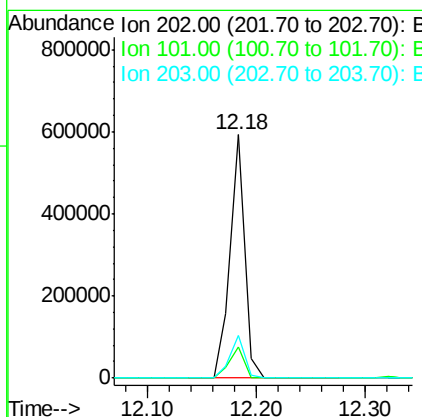
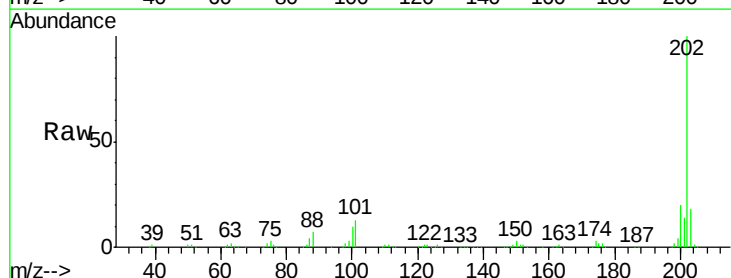
RT: 12.18 min Scan# 914

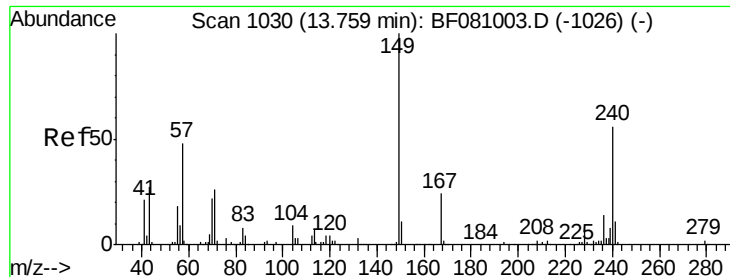
Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion:	202	Resp:	550309
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	24.8
203	17.6	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 202851
Ion Ratio Lower Upper

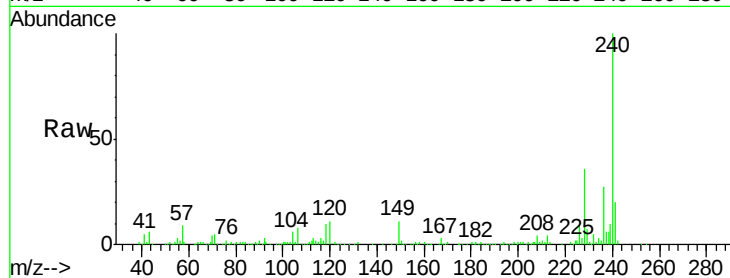
240 100

120 11.5 5.6 8.4#

236 27.0 20.6 30.8

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

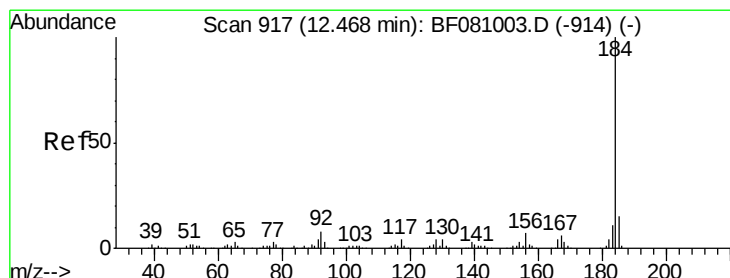
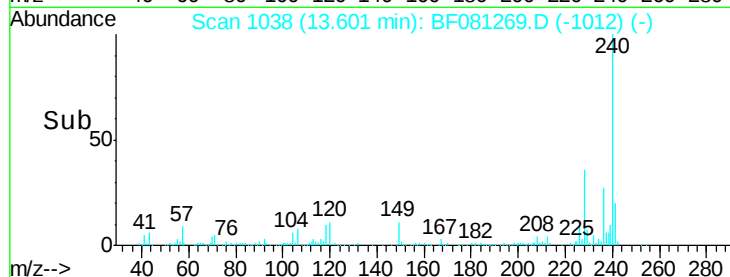
13.60

200000

100000

0

Time--> 13.50 13.60 13.70



#76

Benzidine

Concen: 42.67 ng

RT: 12.32 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF081269.D

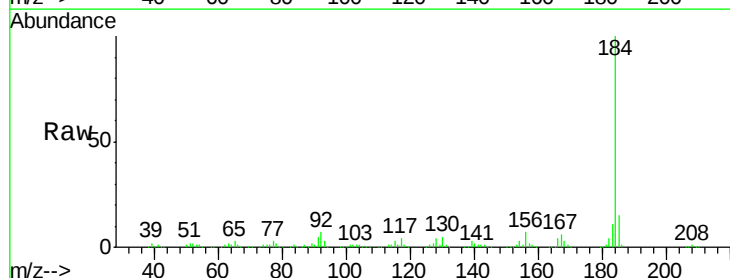
Acq: 29 Aug 2015 14:07

Tgt Ion:184 Resp: 326949
Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 10.8 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.32

400000

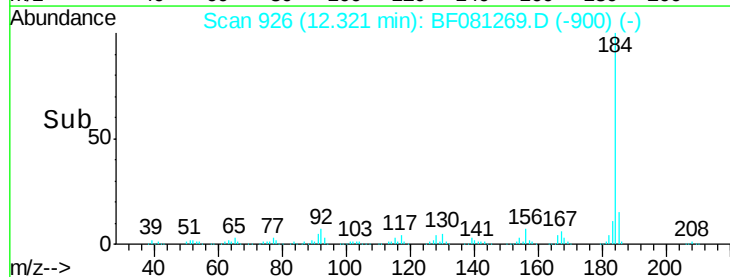
300000

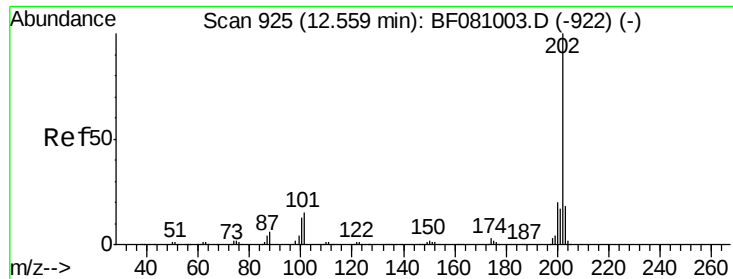
200000

100000

0

Time--> 12.20 12.30 12.40 12.50





#77

Pyrene

Concen: 37.64 ng

RT: 12.41 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

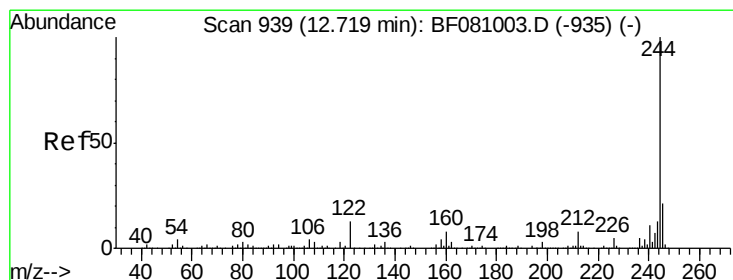
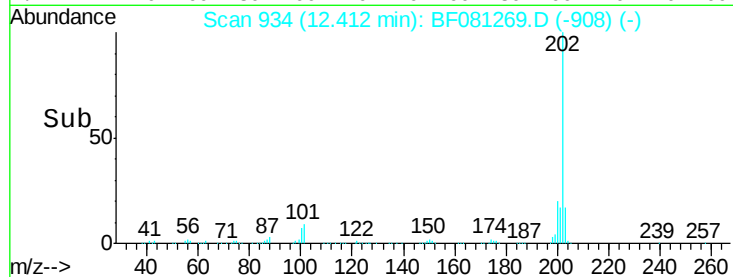
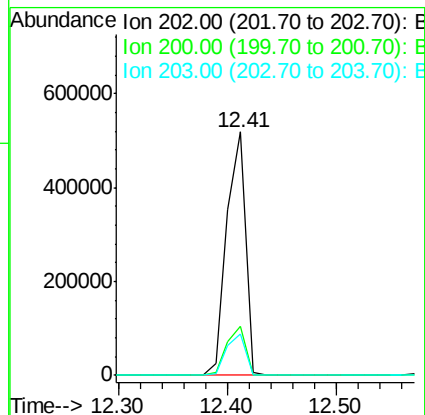
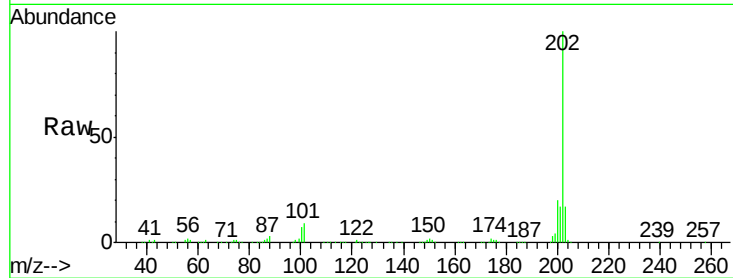
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	620764
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	24.8
203	17.1	14.1	21.1

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#78

Terphenyl-d14

Concen: 78.02 ng

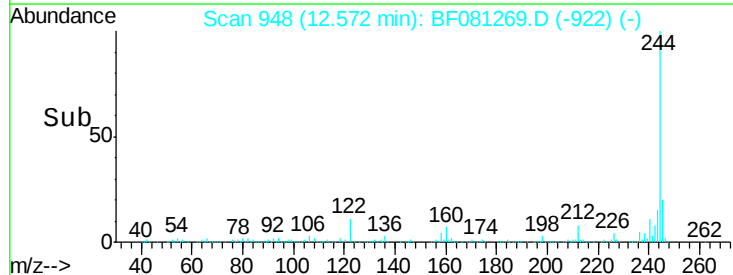
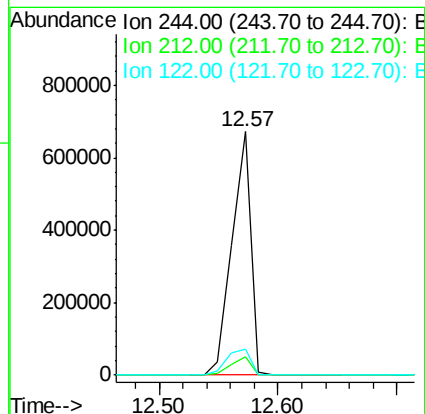
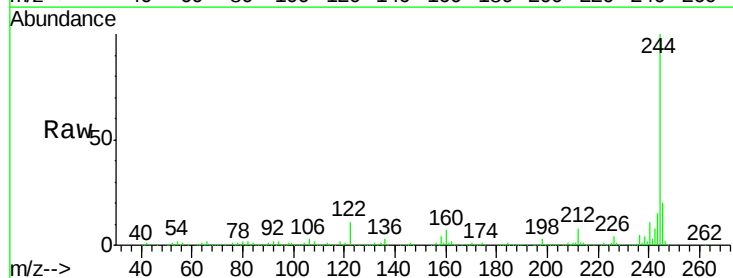
RT: 12.57 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion:	244	Resp:	738227
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.8
122	10.9	8.2	12.4





#79

Butylbenzylphthalate

Concen: 42.85 ng

RT: 13.05 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF081269.D

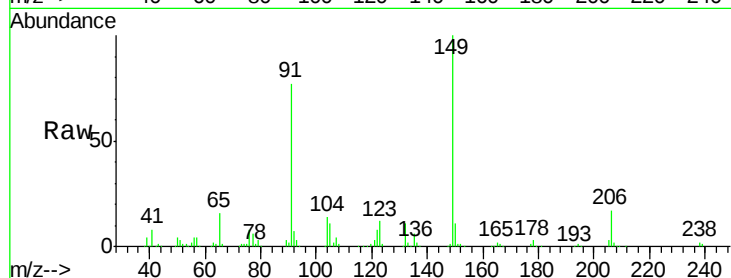
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 303714

Ion Ratio Lower Upper

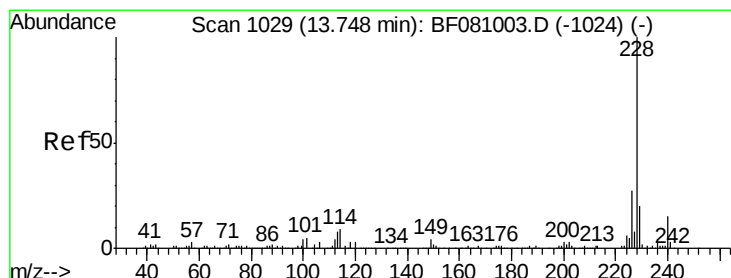
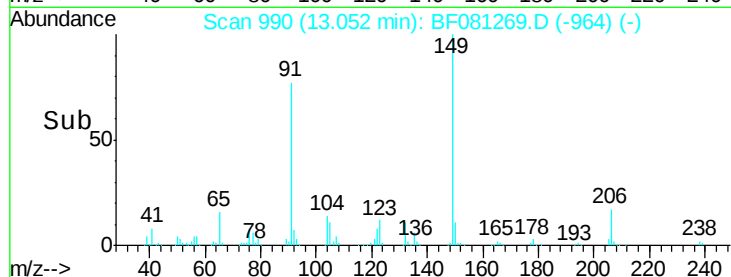
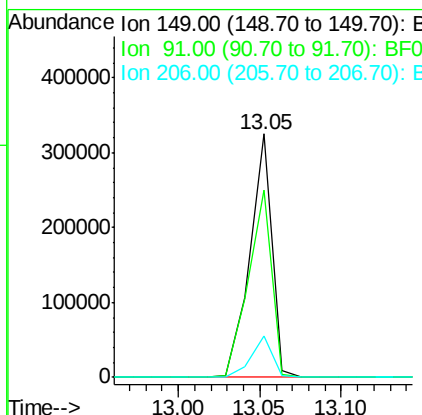
149 100

91 76.9 46.9 70.3#

206 16.8 17.0 25.4#

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#80

Benzo(a)anthracene

Concen: 37.65 ng

RT: 13.59 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

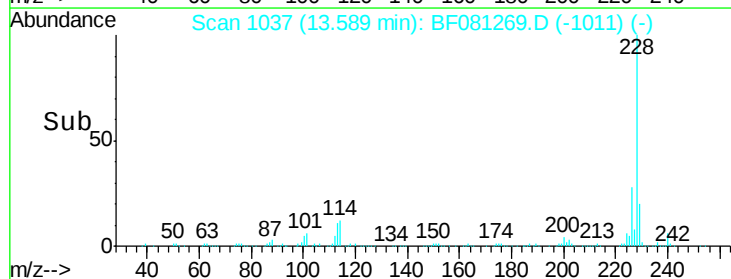
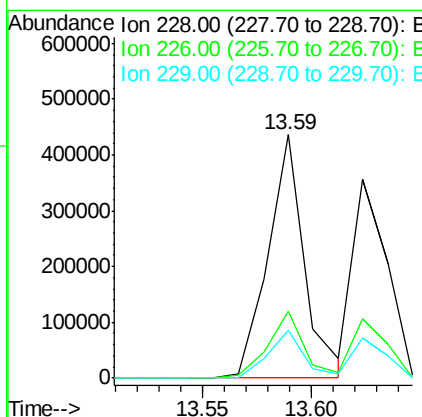
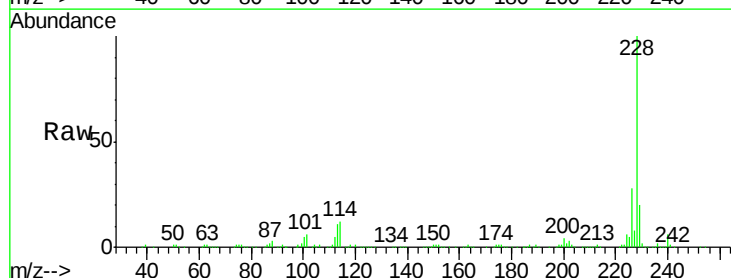
Tgt Ion:228 Resp: 512236

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.9 15.9 23.9





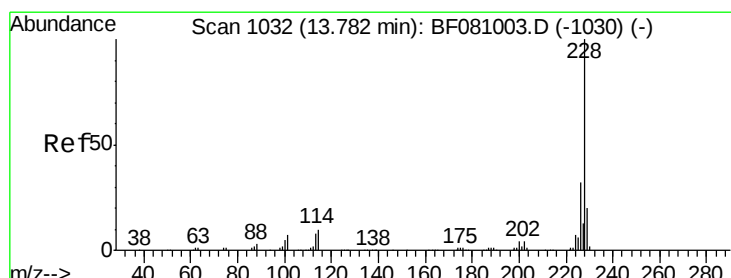
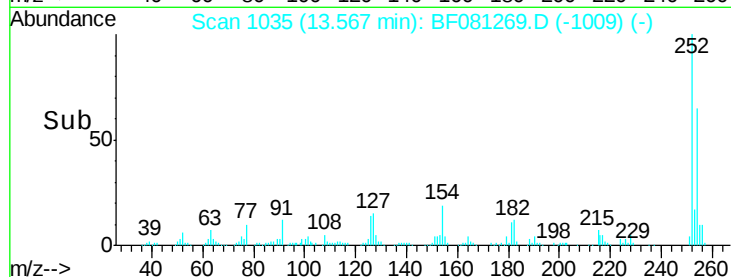
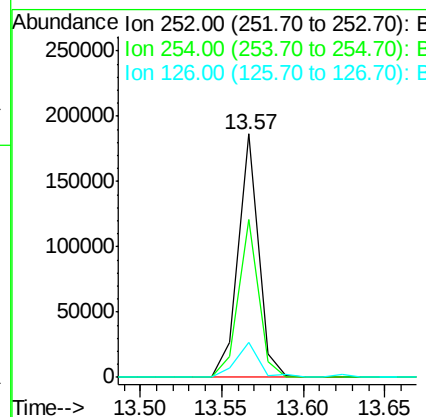
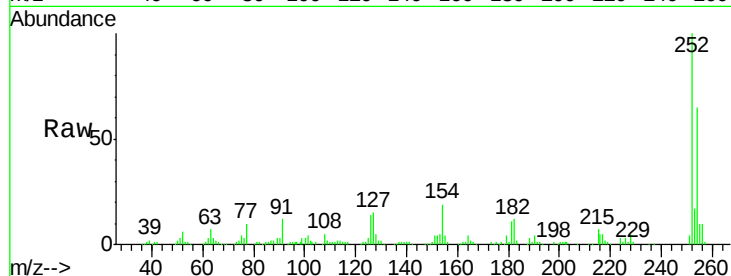
#81
 3,3'-Dichlorobenzidine
 Concen: 36.17 ng
 RT: 13.57 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	252	Resp:	159398
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.5	77.3
126	14.5	12.5	18.7

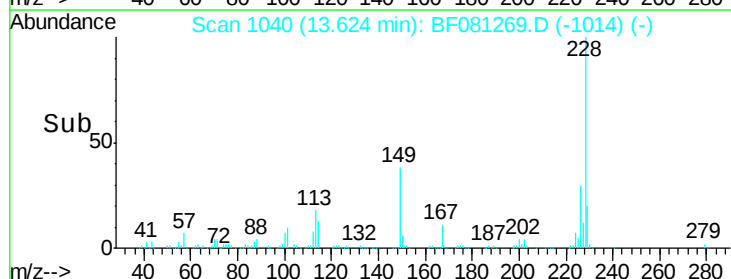
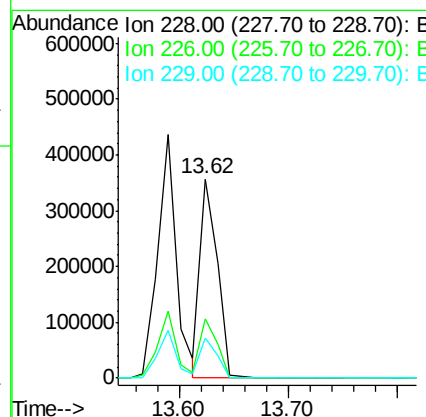
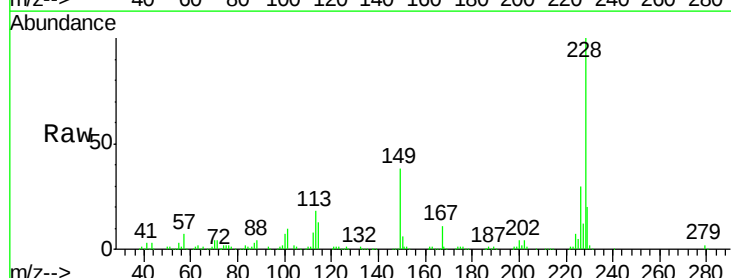
Manual Integrations
 APPROVED

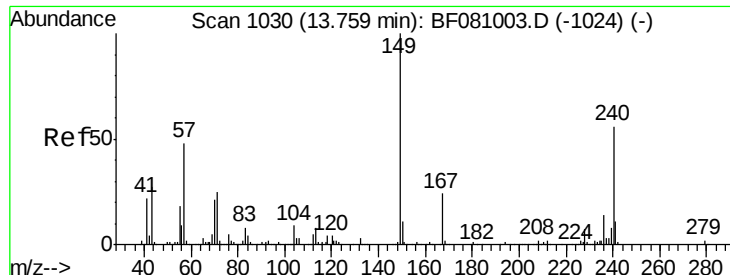
MMDadoda
 8/31/2015 1:58:32 PM



#82
 Chrysene
 Concen: 32.06 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion:	228	Resp:	393027
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	20.1	16.0	24.0





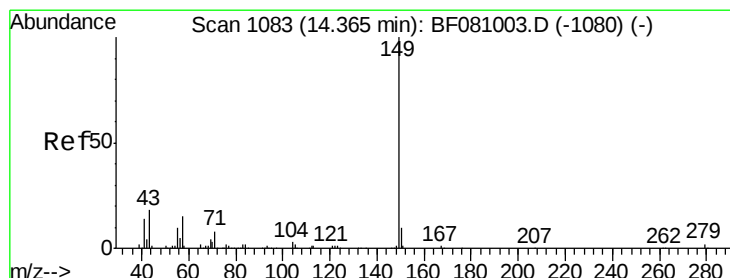
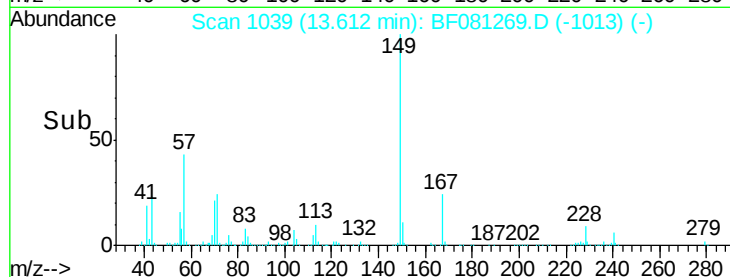
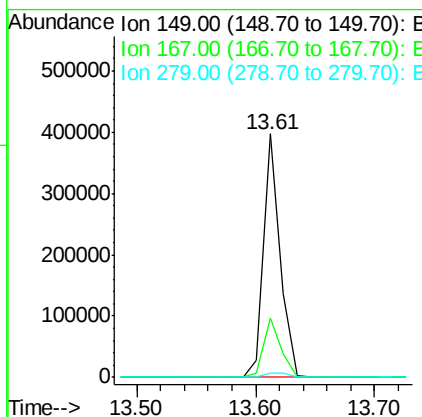
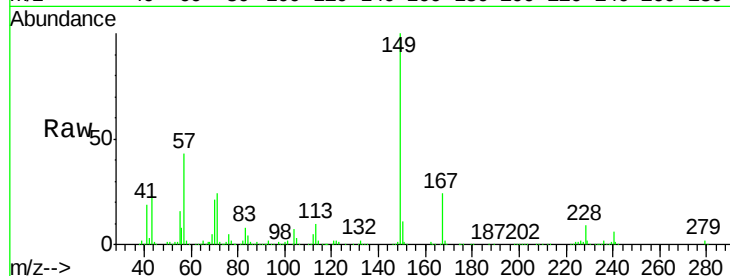
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.90 ng
 RT: 13.61 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	389506		
167	24.2	20.7	31.1	
279	1.6	2.2	3.4	

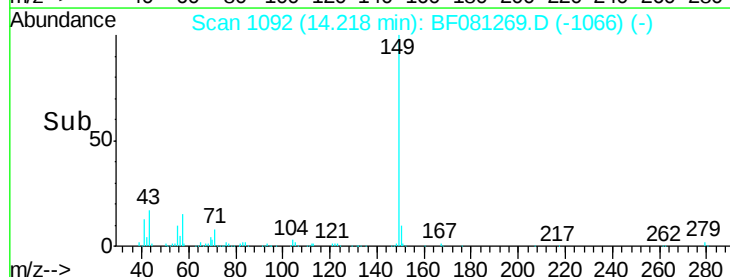
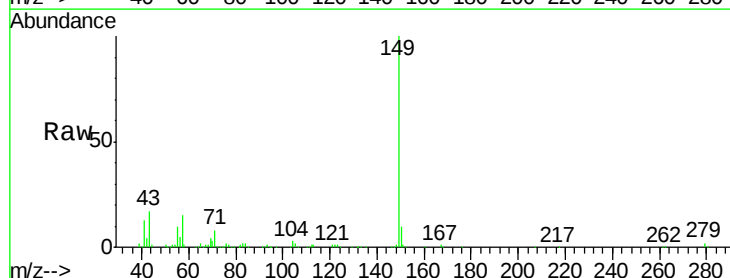
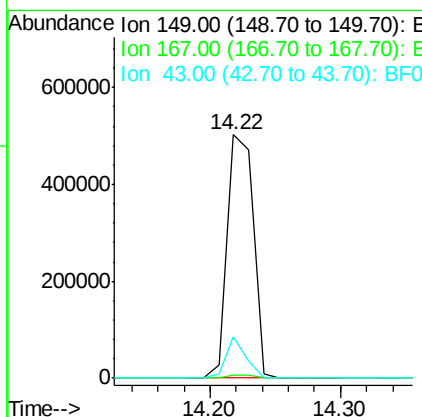
Manual Integrations
 APPROVED

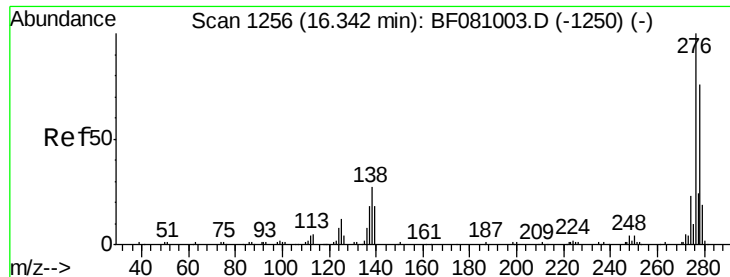
MMDadoda
 8/31/2015 1:58:32 PM



#84
 Di-n-octyl phthalate
 Concen: 50.29 ng
 RT: 14.22 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	693919		
167	1.4	1.1	1.7	
43	13.3	11.6	17.4	





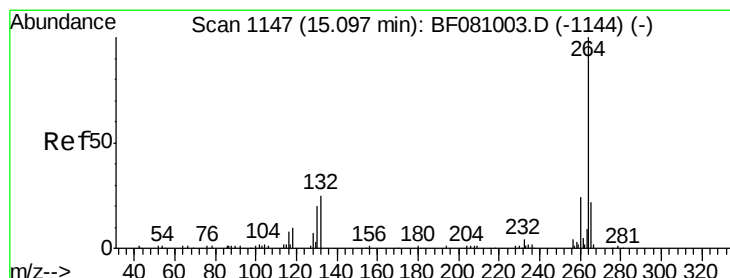
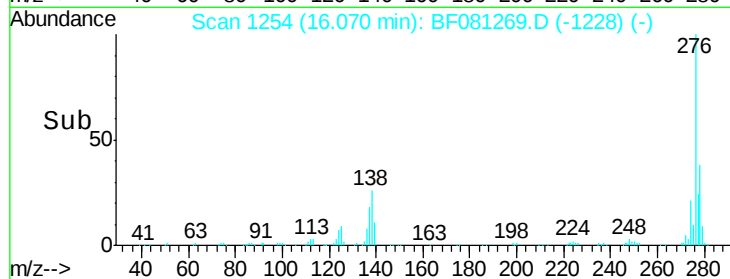
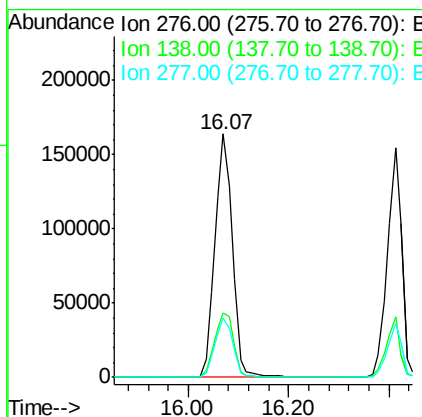
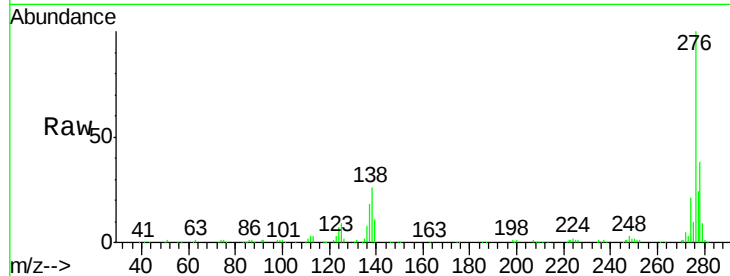
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.05 ng
 RT: 16.07 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	396345		
138	29.0	18.6	28.0#	
277	24.8	19.8	29.8	

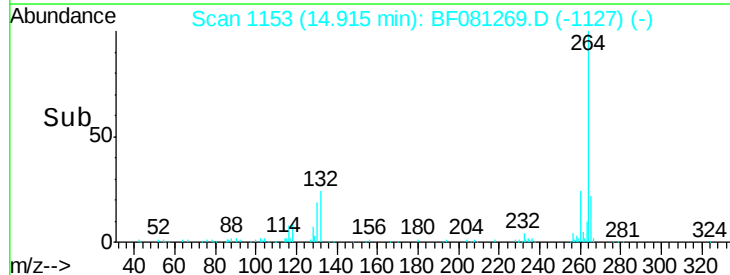
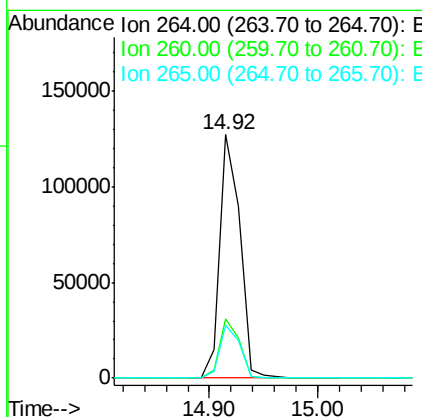
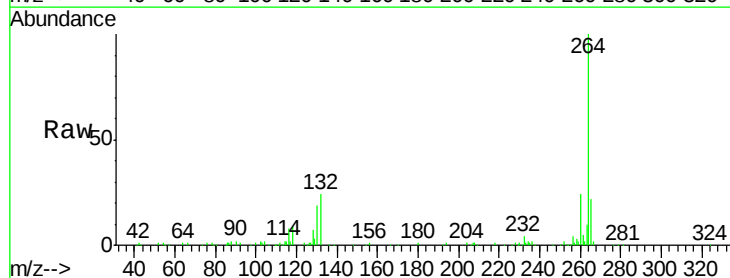
Manual Integrations
 APPROVED

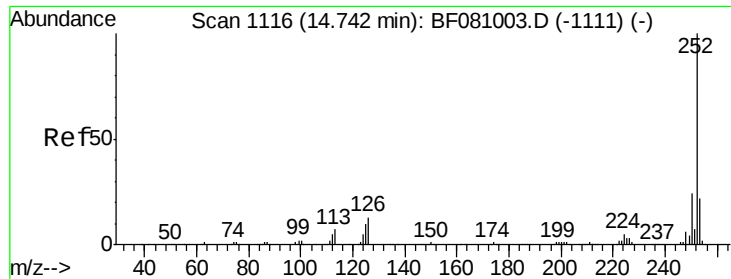
MMDadoda
 8/31/2015 1:58:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	164317		
260	24.4	19.6	29.4	
265	21.5	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 41.56 ng m

RT: 14.58 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF081269.D

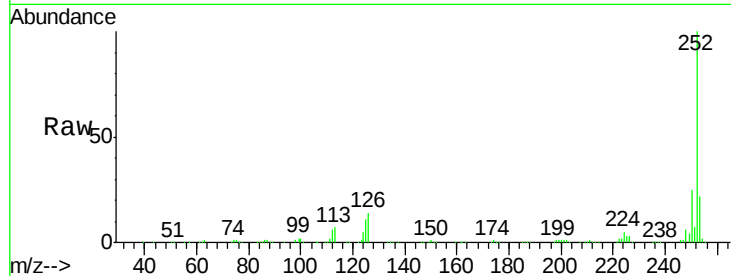
Acq: 29 Aug 2015 14:07

Instrument :

BNA_F

ClientSampleId :

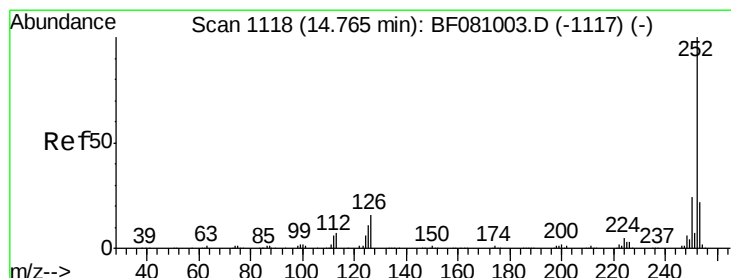
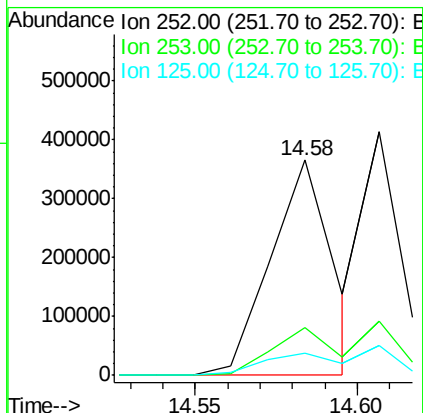
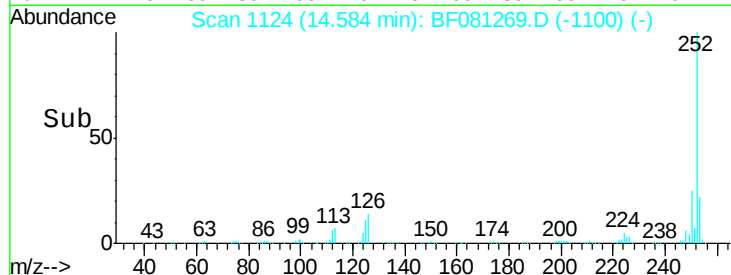
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.6	8.0	12.0

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:58:32 PM



#88

Benzo(k)fluoranthene

Concen: 31.68 ng m

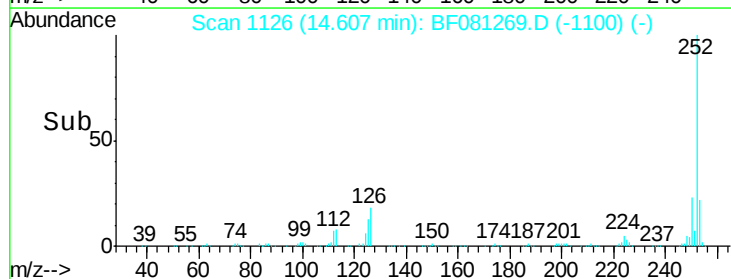
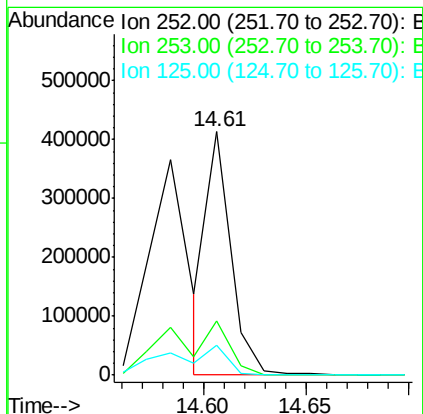
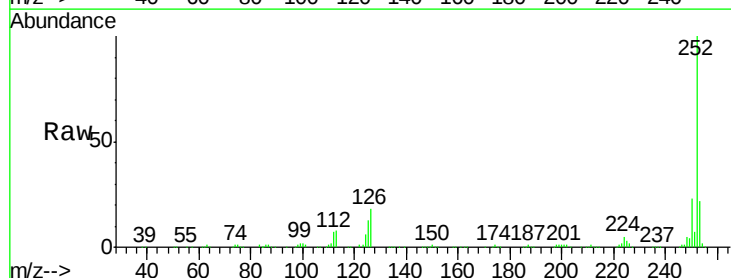
RT: 14.61 min Scan# 1126

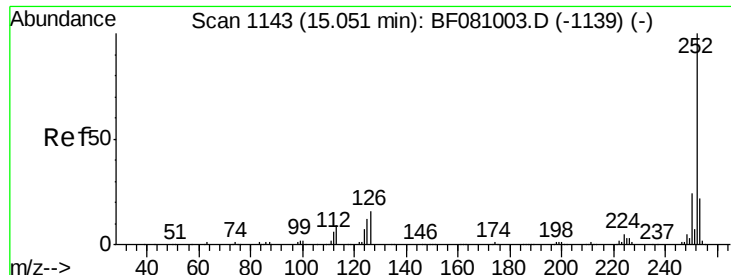
Delta R.T. 0.00 min

Lab File: BF081269.D

Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	12.5	10.3	15.5





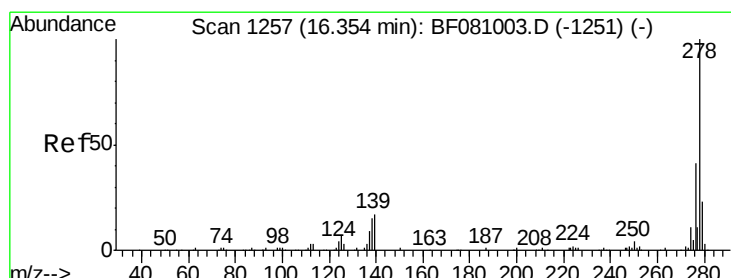
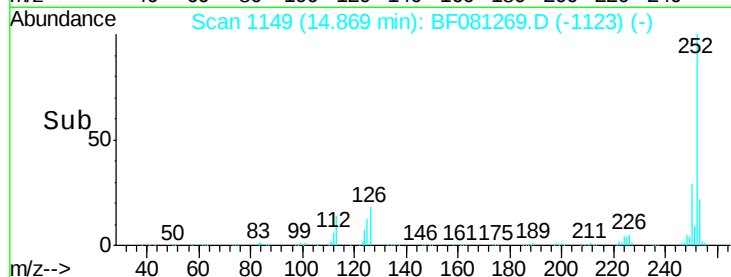
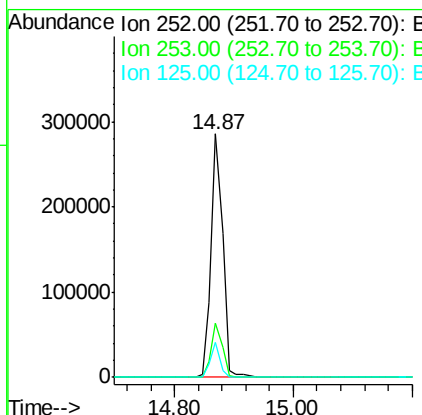
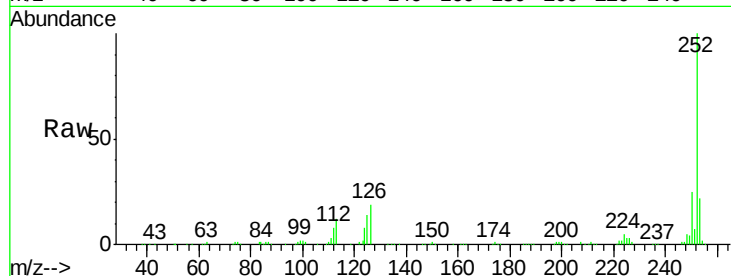
#89
Benzo(a)pyrene
Concen: 38.37 ng
RT: 14.87 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	388597		
253	22.1	16.6	25.0	
125	14.3	7.8	11.8	

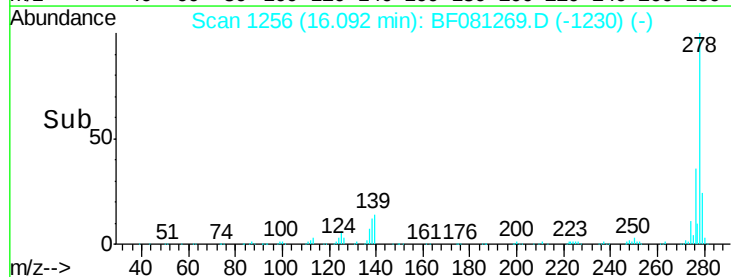
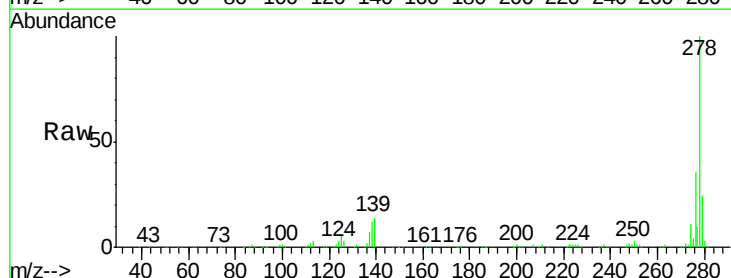
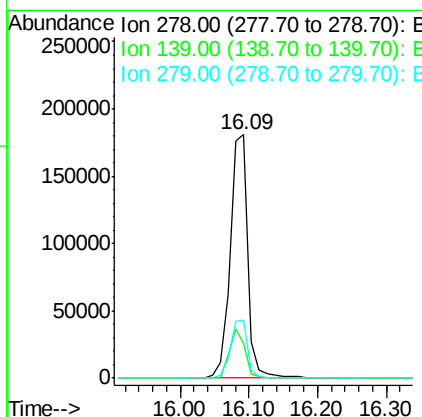
Manual Integrations
APPROVED

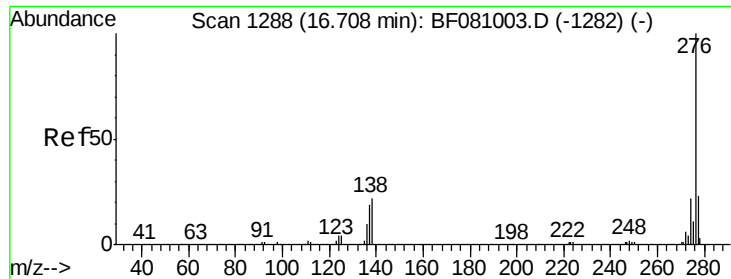
MMDadoda
8/31/2015 1:58:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.57 ng
RT: 16.09 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF081269.D
Acq: 29 Aug 2015 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	328044		
139	14.4	10.8	16.2	
279	24.0	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 39.26 ng
 RT: 16.41 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF081269.D
 Acq: 29 Aug 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.2
138	26.3	13.7	20.5

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:58:32 PM

