

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080839.D
 Acq On : 4 Aug 2015 12:52
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:17 PM

Quant Time: Aug 04 15:44:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	201147	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	759045	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	335960	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	530789	20.00	ng	0.00
75) Chrysene-d12	13.99	240	393173	20.00	ng	0.00
86) Perylene-d12	15.39	264	378962	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1012945	83.61	ng	0.00
7) Phenol-d6	6.46	99	1230501	75.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	1077899	69.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	267512	82.78	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1579960	70.75	ng	0.00
78) Terphenyl-d14	12.93	244	1344190	68.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	231095	37.23	ng	99
3) Pyridine	3.18	79	663337	40.58	ng	97
4) n-Nitrosodimethylamine	3.13	42	342627	37.74	ng	100
6) Aniline	6.50	93	869098	37.31	ng	99
8) 2-Chlorophenol	6.62	128	500856	37.54	ng	98
9) Benzaldehyde	6.38	77	385062	39.97	ng	99
10) Phenol	6.48	94	616252	32.50	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	563971	41.39	ng	100
12) 1,3-Dichlorobenzene	6.77	146	548207	36.57	ng	100
13) 1,4-Dichlorobenzene	6.85	146	574464	38.44	ng	99
14) 1,2-Dichlorobenzene	7.01	146	505699	36.54	ng	100
15) Benzyl Alcohol	6.98	79	403444	36.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	992905	36.86	ng	98
17) 2-Methylphenol	7.09	107	466575	39.63	ng	99
18) Hexachloroethane	7.34	117	202634	36.79	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	369695	35.13	ng	98
20) 3+4-Methylphenols	7.24	107	479449	35.05	ng	97
22) Acetophenone	7.25	105	713230	38.55	ng	99
24) Nitrobenzene	7.42	77	596460	37.98	ng	98
25) Isophorone	7.66	82	1063057	38.49	ng	99
26) 2-Nitrophenol	7.73	139	244337	36.39	ng	98
27) 2,4-Dimethylphenol	7.78	122	498508	38.98	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	594729	35.68	ng	99
29) 2,4-Dichlorophenol	7.97	162	389008	36.24	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	449639	38.50	ng	98
31) Naphthalene	8.14	128	1465686	39.25	ng	100
32) Benzoic acid	7.88	122	276720	35.79	ng	93
33) 4-Chloroaniline	8.19	127	611242	38.86	ng	99
34) Hexachlorobutadiene	8.26	225	261628	36.50	ng	98
35) Caprolactam	8.56	113	117339	39.34	ng	# 59
36) 4-Chloro-3-methylphenol	8.67	107	444891	38.60	ng	97
37) 2-Methylnaphthalene	8.83	142	861131	36.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	417256	38.98	ng	99
40) Hexachlorocyclopentadiene	8.99	237	219369	33.72	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080839.D
 Acq On : 4 Aug 2015 12:52
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:17 PM

Quant Time: Aug 04 15:44:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.10	196	280998	37.08	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	287202	38.64	ng #	79
45) 1,1'-Biphenyl	9.30	154	1019042	40.08	ng	99
46) 2-Chloronaphthalene	9.32	162	840271	39.93	ng	99
47) 2-Nitroaniline	9.41	65	326064	41.87	ng	99
48) Acenaphthylene	9.73	152	1284763	38.99	ng	99
49) Dimethylphthalate	9.60	163	825883	36.87	ng	100
50) 2,6-Dinitrotoluene	9.65	165	173914	35.81	ng	97
51) Acenaphthene	9.90	154	761679	38.32	ng	98
52) 3-Nitroaniline	9.82	138	237499	41.77	ng	100
53) 2,4-Dinitrophenol	9.93	184	81106	30.66	ng	97
54) Dibenzofuran	10.08	168	1025160	39.11	ng	99
55) 4-Nitrophenol	9.97	139	141876	35.55	ng	97
56) 2,4-Dinitrotoluene	10.05	165	209246	34.21	ng	98
57) Fluorene	10.42	166	800444	39.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	206970	38.87	ng	95
59) Diethylphthalate	10.29	149	794230	36.91	ng	100
60) 4-Chlorophenyl-phenylether	10.41	204	351824	34.96	ng	99
61) 4-Nitroaniline	10.43	138	180431	34.90	ng	99
62) Azobenzene	10.57	77	922809	37.04	ng	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	113655	32.99	ng	99
65) n-Nitrosodiphenylamine	10.53	169	758166	40.96	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	219965	37.78	ng	98
67) Hexachlorobenzene	10.97	284	271056	41.25	ng	99
68) Atrazine	11.06	200	198373	46.75	ng	99
69) Pentachlorophenol	11.15	266	145965	41.30	ng	95
70) Phenanthrene	11.38	178	1103143	39.93	ng	100
71) Anthracene	11.43	178	986504	36.01	ng	100
72) Carbazole	11.59	167	938504	40.05	ng	99
73) Di-n-butylphthalate	11.92	149	1152788	40.63	ng	99
74) Fluoranthene	12.56	202	967728	36.90	ng	100
76) Benzidine	12.68	184	543327	46.86	ng	99
77) Pyrene	12.79	202	1031340	35.35	ng	98
79) Butylbenzylphthalate	13.41	149	469701	41.01	ng	99
80) Benzo(a)anthracene	13.97	228	848582	38.09	ng	98
81) 3,3'-Dichlorobenzidine	13.94	252	346921	43.76	ng	98
82) Chrysene	14.01	228	849639	39.00	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	620838	43.94	ng	99
84) Di-n-octyl phthalate	14.58	149	1023598	45.82	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	913829	45.86	ng	98
87) Benzo(b)fluoranthene	14.99	252	796980m	35.90	ng	
88) Benzo(k)fluoranthene	15.03	252	799693m	41.27	ng	
89) Benzo(a)pyrene	15.33	252	737771	38.94	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	753162	40.97	ng	97
91) Benzo(g,h,i)perylene	17.19	276	751126	39.09	ng #	94

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

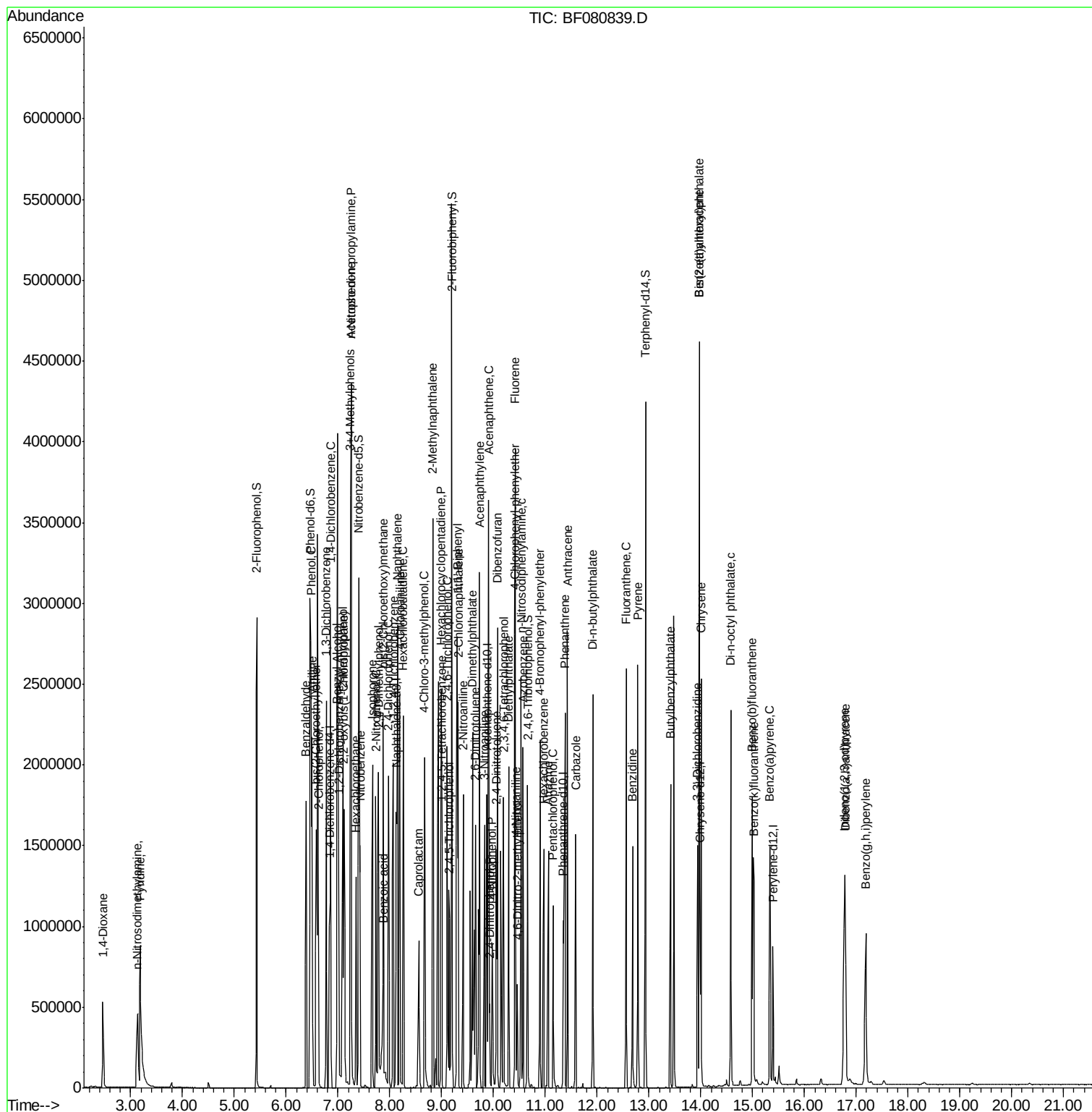
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\  
Data File : BF080839.D  
Acq On    : 4 Aug 2015 12:52  
Operator  : TP  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
```

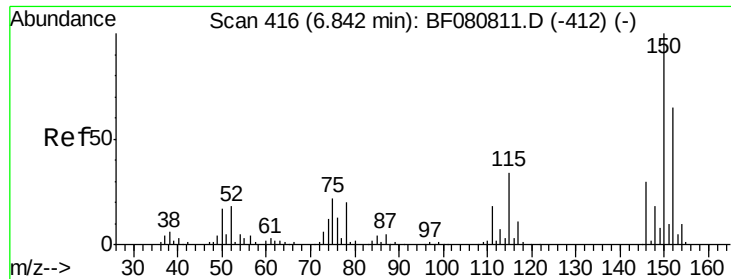
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

MMDadoda
8/5/2015 2:29:17 PM

Quant Time: Aug 04 15:44:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 14:50:50 2015
Response via : Initial Calibration





#1

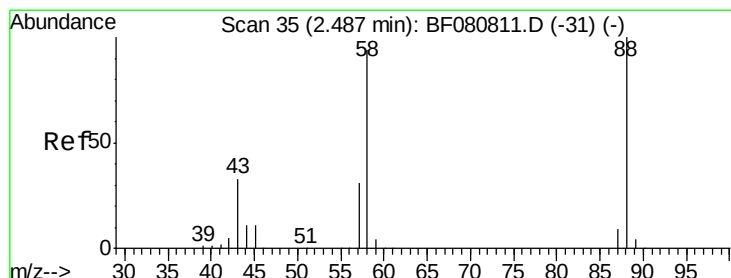
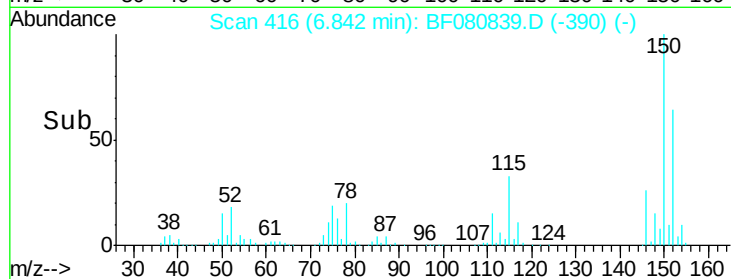
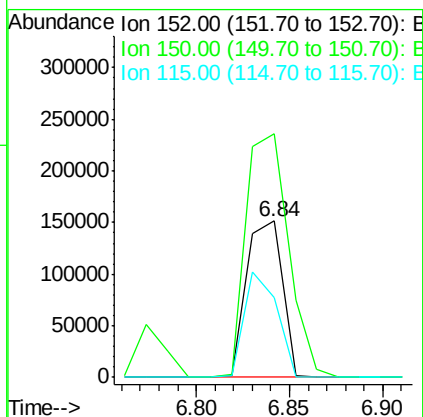
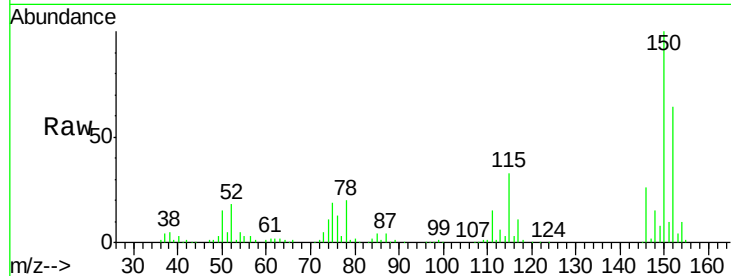
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.9	184.3
115	51.5	42.0	63.0

Manual Integrations
APPROVED

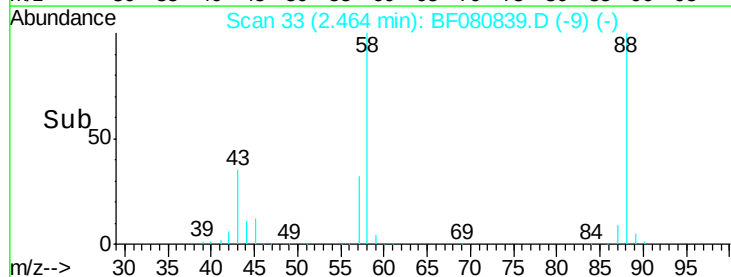
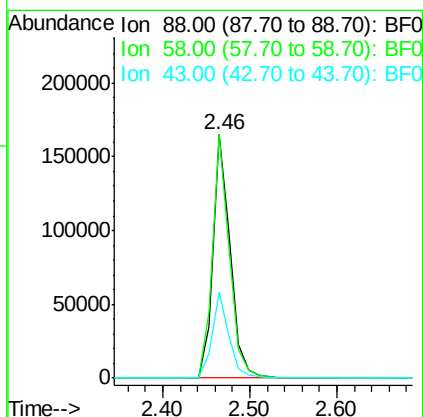
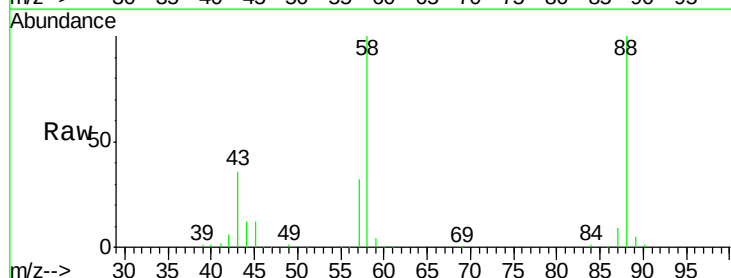
MMDadoda
8/5/2015 2:29:17 PM

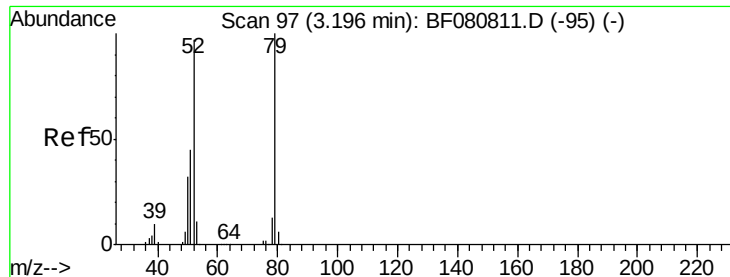


#2

1,4-Dioxane
Concen: 37.23 ng
RT: 2.46 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	78.2	117.4
43	34.7	27.6	41.4





#3

Pyridine

Concen: 40.58 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

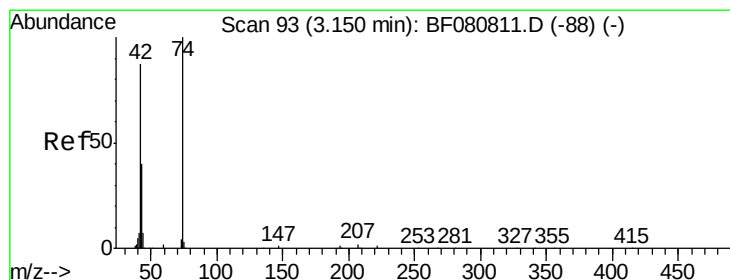
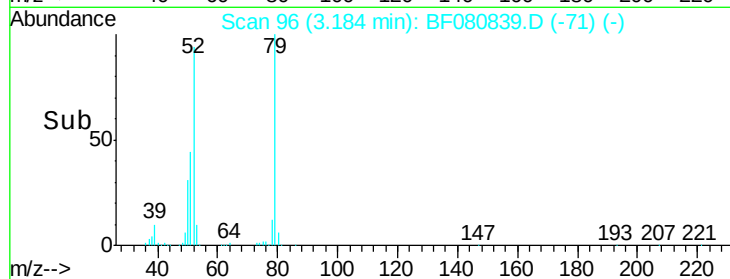
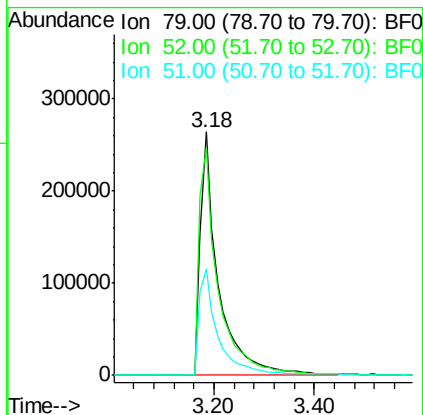
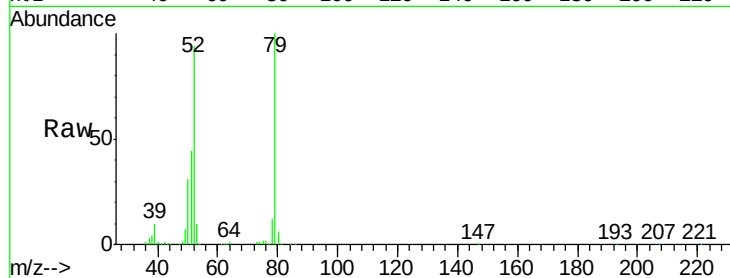
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	663337
Ion	Ratio	Lower	Upper
79	100		
52	93.6	77.7	116.5
51	43.8	35.8	53.8

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#4

n-Nitrosodimethylamine

Concen: 37.74 ng

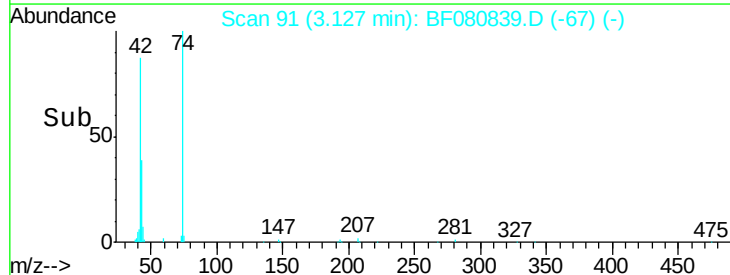
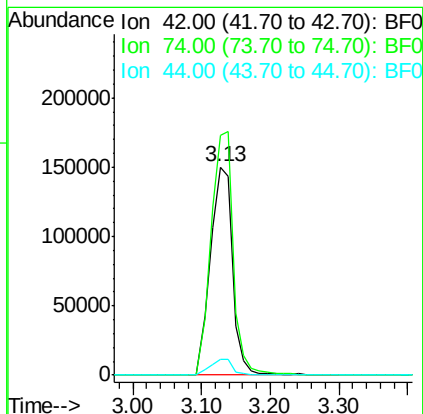
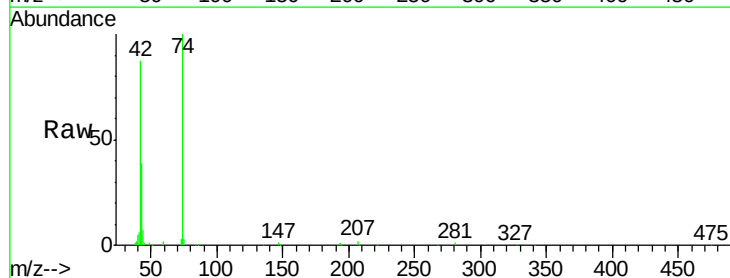
RT: 3.13 min Scan# 91

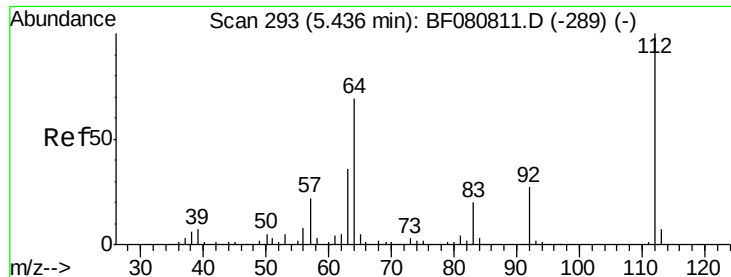
Delta R.T. -0.02 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:	42	Resp:	342627
Ion	Ratio	Lower	Upper
42	100		
74	115.0	92.4	138.6
44	7.8	6.2	9.2





#5

2-Fluorophenol

Concen: 83.61 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF080839.D

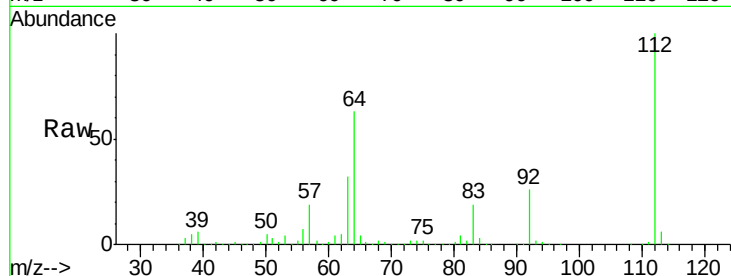
Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 112 Resp: 1012945

Ion Ratio Lower Upper

112 100

64 62.9 55.0 82.4

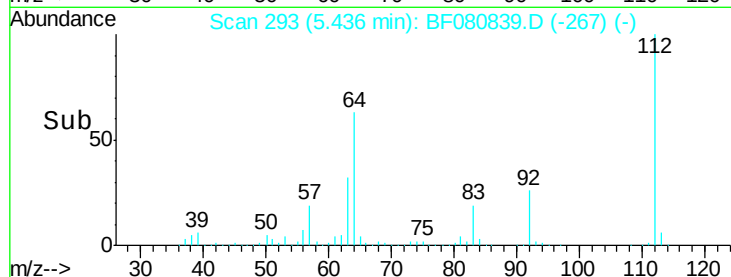
63 32.3 28.6 42.8

Manual Integrations

APPROVED

MMDadoda

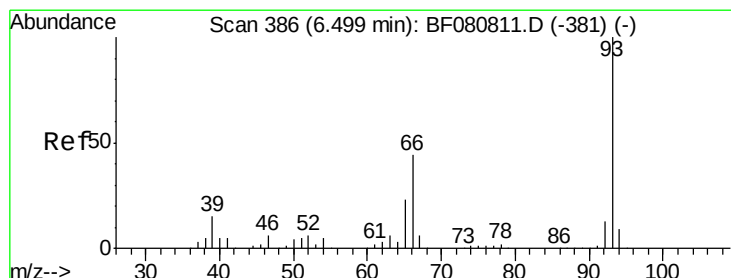
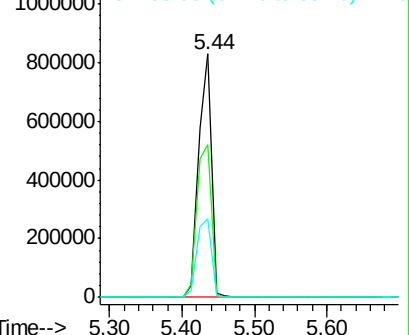
8/5/2015 2:29:17 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.31 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

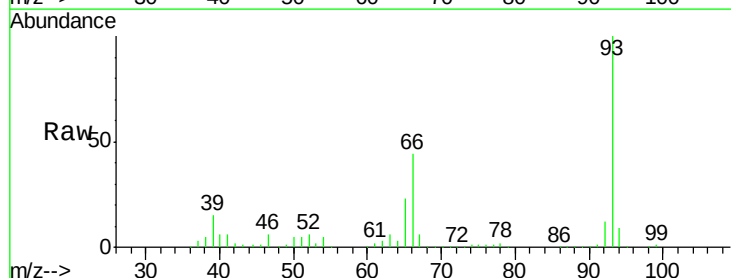
Tgt Ion: 93 Resp: 869098

Ion Ratio Lower Upper

93 100

66 43.5 35.3 52.9

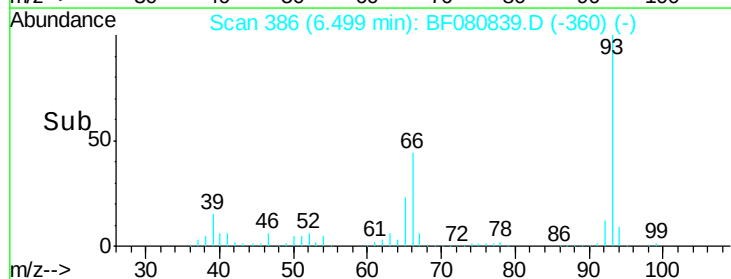
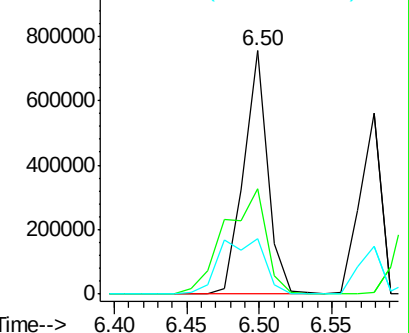
65 22.5 18.7 28.1

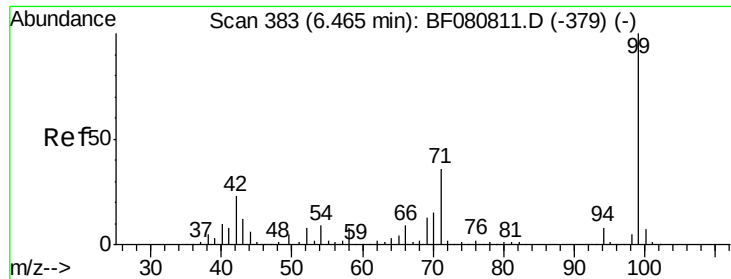


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.54 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1230501

Ion Ratio Lower Upper

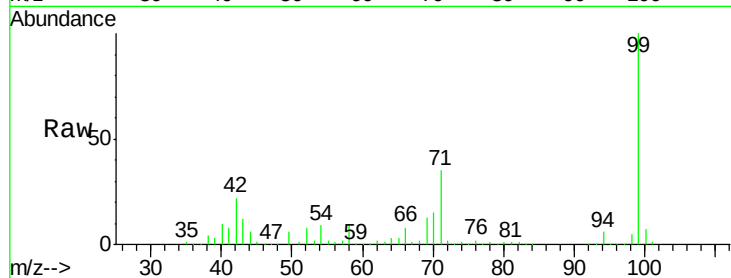
99 100

42 22.3 18.4 27.6

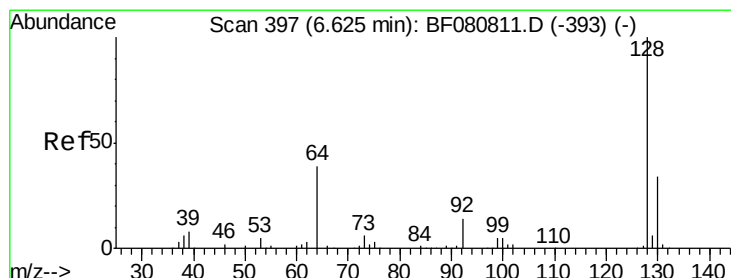
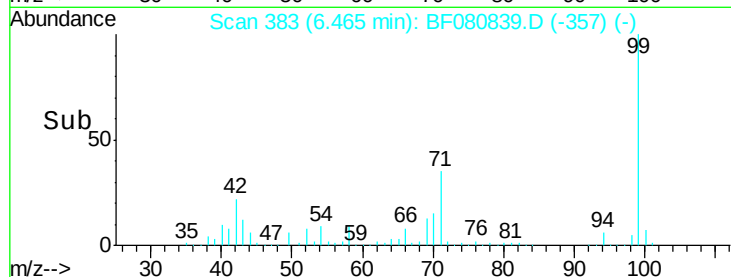
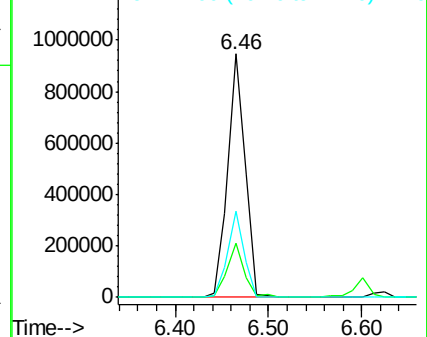
71 35.4 28.7 43.1

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



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



#8

2-Chlorophenol

Concen: 37.54 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

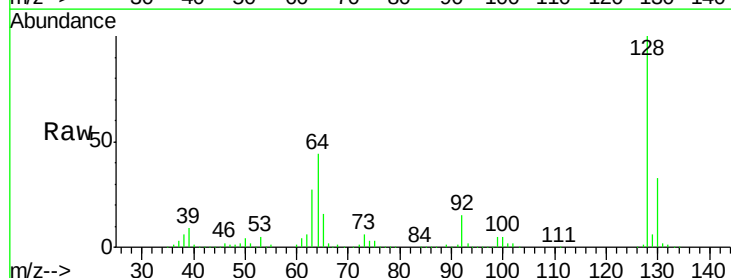
Tgt Ion: 128 Resp: 500856

Ion Ratio Lower Upper

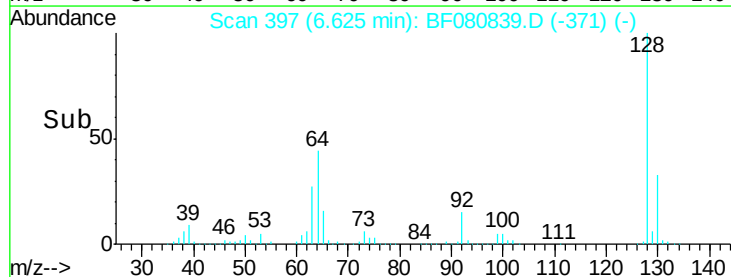
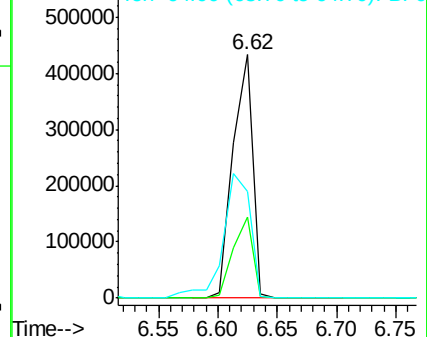
128 100

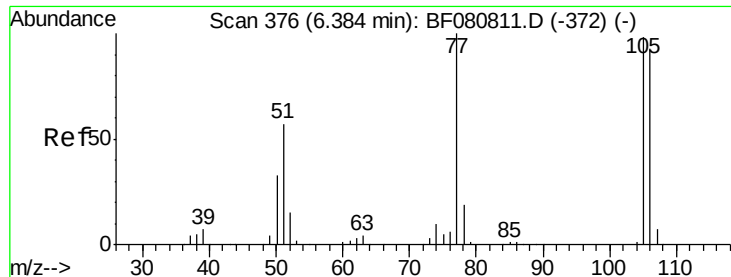
130 33.4 14.1 54.1

64 43.6 22.3 62.3



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





#9

Benzaldehyde

Concen: 39.97 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF080839.D

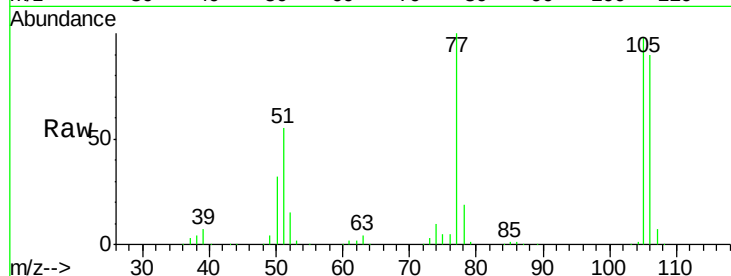
Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 77 Resp: 385062

Ion Ratio Lower Upper

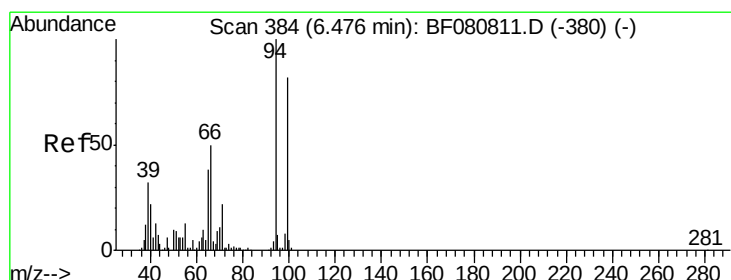
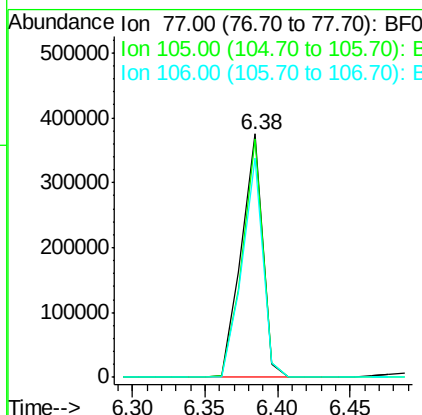
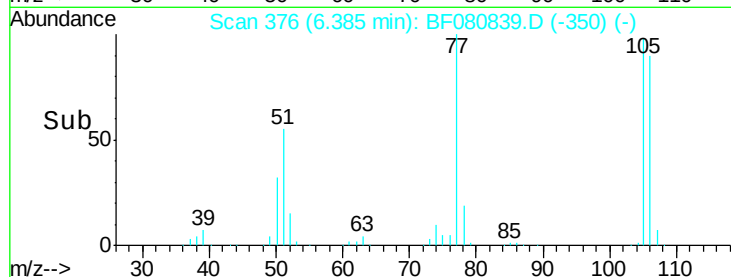
77 100

105 97.9 78.1 118.1

106 90.0 72.7 112.7

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#10

Phenol

Concen: 32.50 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

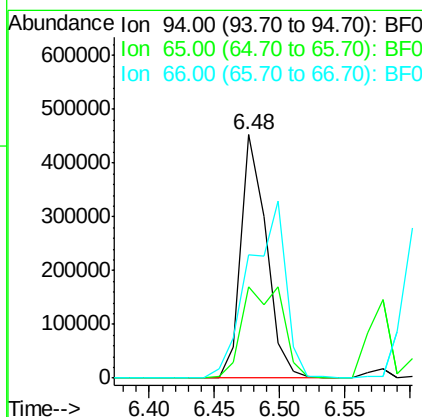
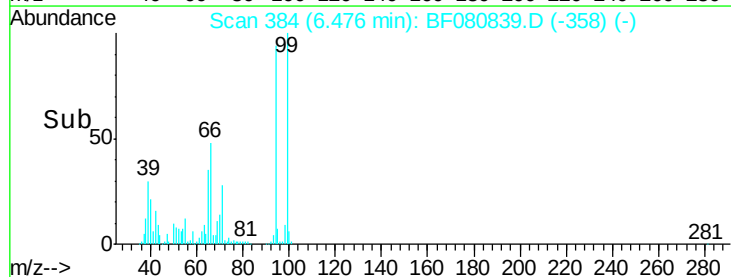
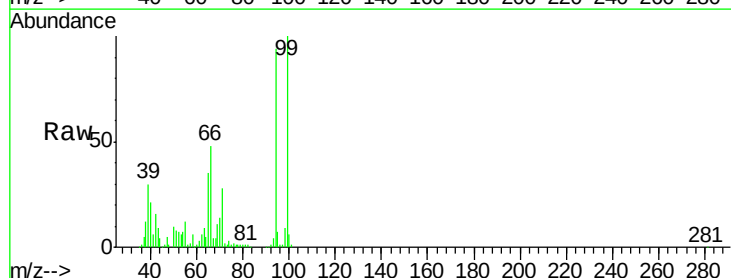
Tgt Ion: 94 Resp: 616252

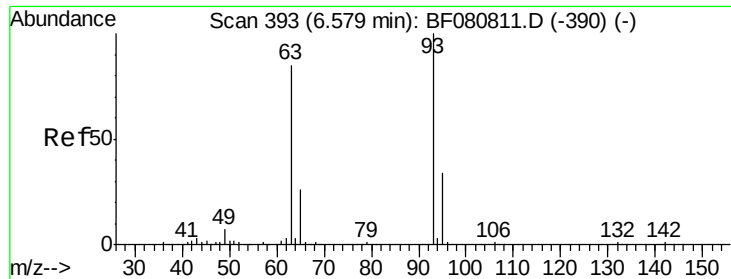
Ion Ratio Lower Upper

94 100

65 37.3 17.5 57.5

66 50.7 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 41.39 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 563971
Ion Ratio Lower Upper

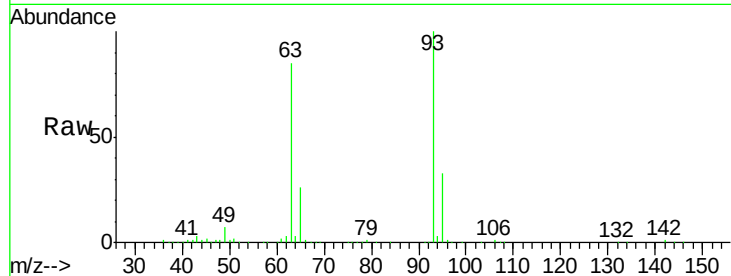
93 100

63 84.6 64.9 104.9

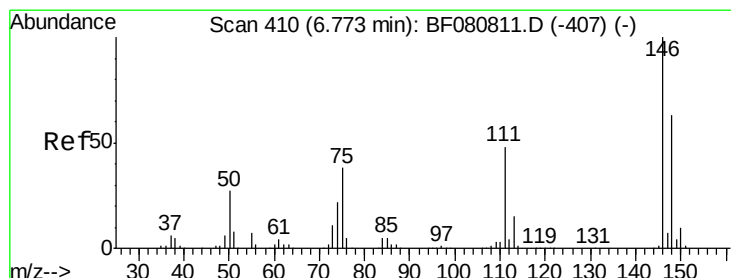
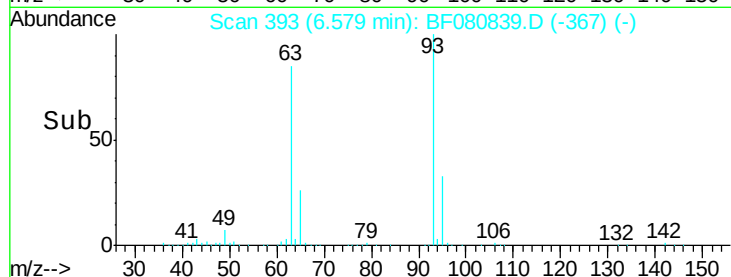
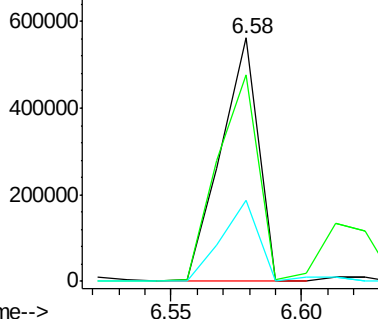
95 33.3 13.4 53.4

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.57 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080839.D

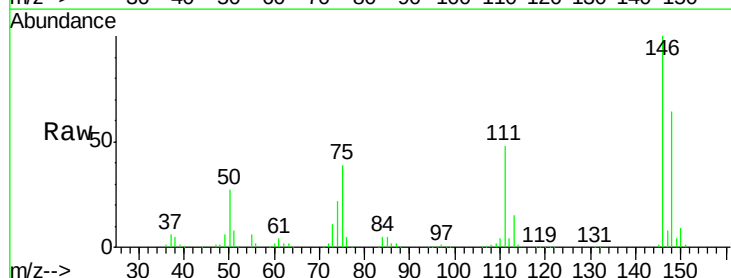
Acq: 4 Aug 2015 12:52

Tgt Ion: 146 Resp: 548207
Ion Ratio Lower Upper

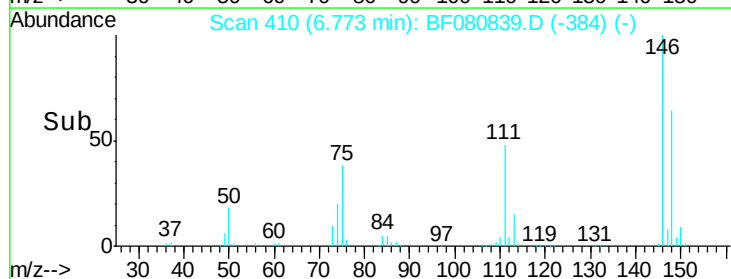
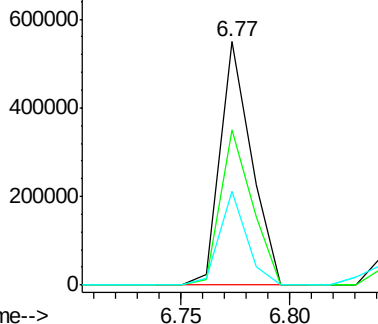
146 100

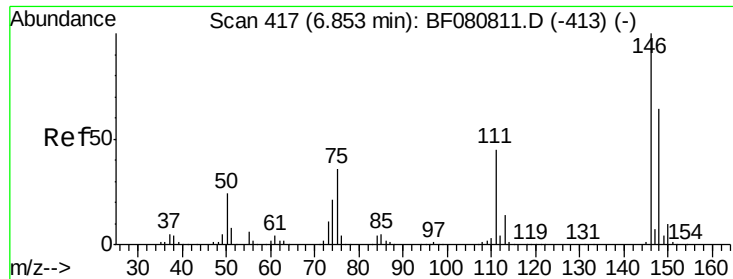
148 63.5 50.5 75.7

75 38.6 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.44 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

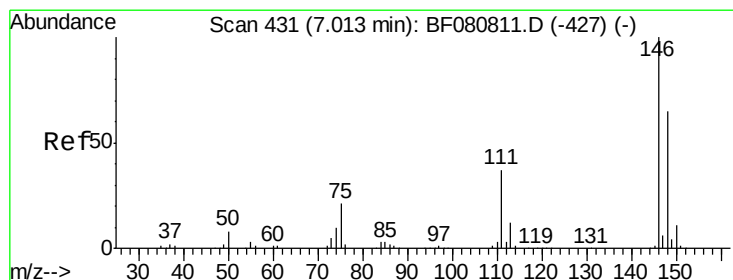
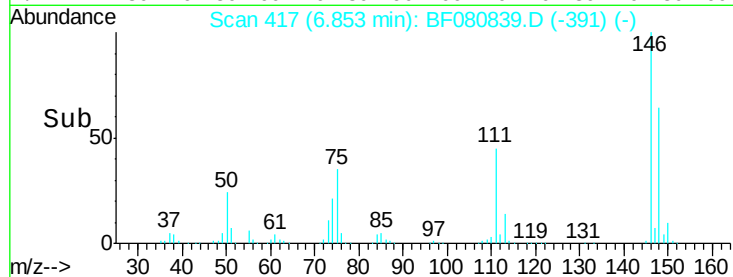
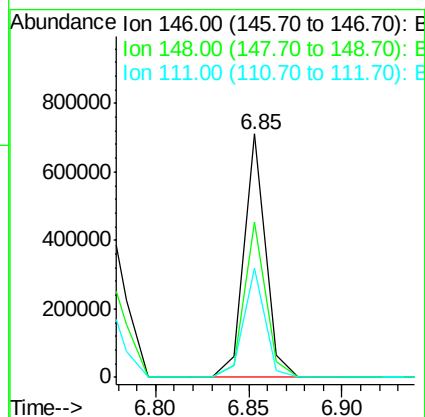
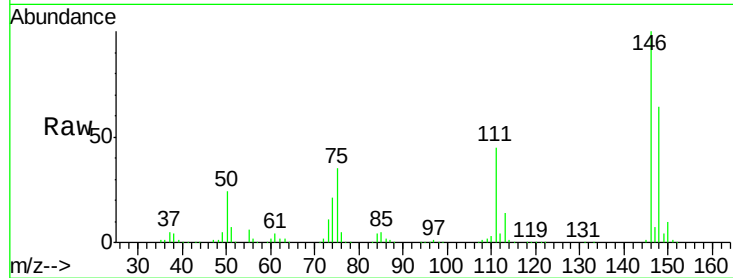
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	146	Resp:	574464
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.3	76.9
111	45.0	35.8	53.8

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#14

1,2-Dichlorobenzene

Concen: 36.54 ng

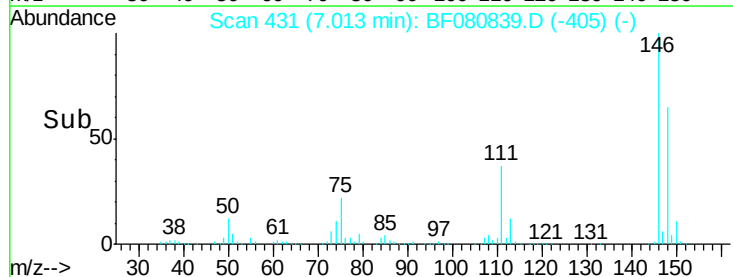
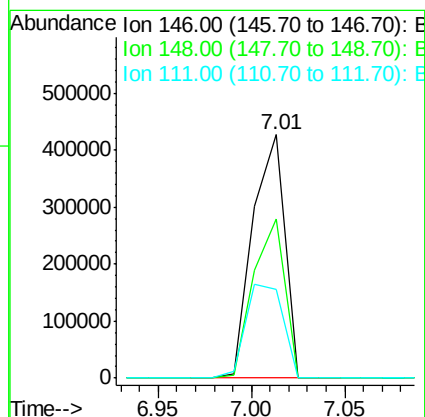
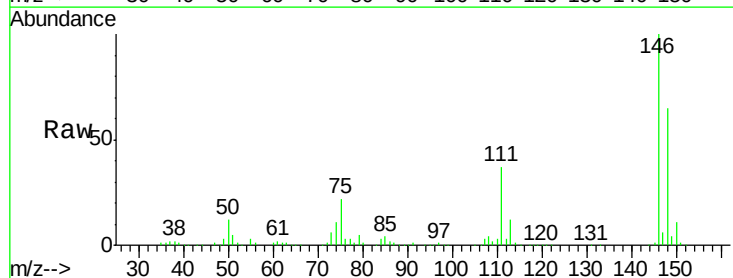
RT: 7.01 min Scan# 431

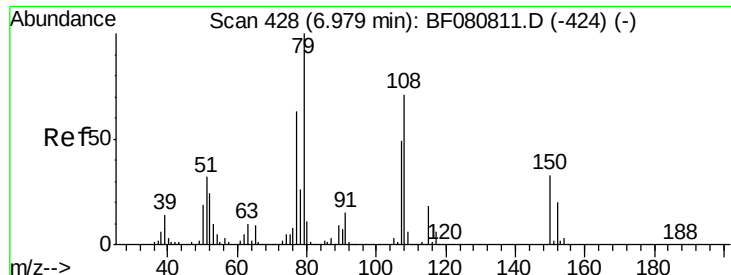
Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:	146	Resp:	505699
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.0	78.0
111	36.6	29.3	43.9





#15

Benzyl Alcohol

Concen: 36.35 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

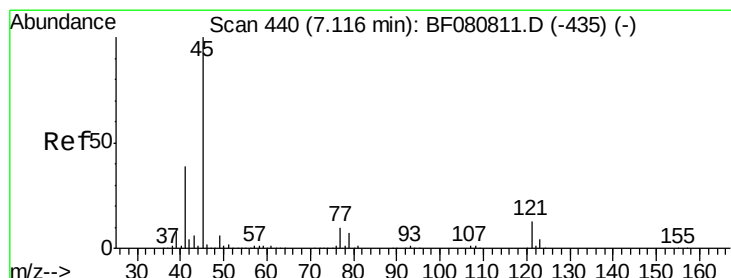
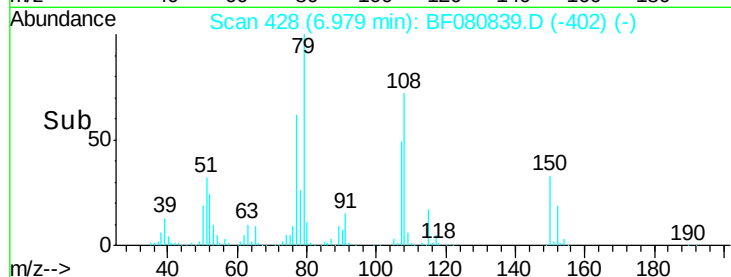
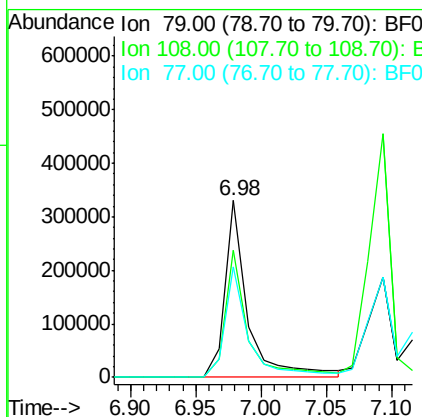
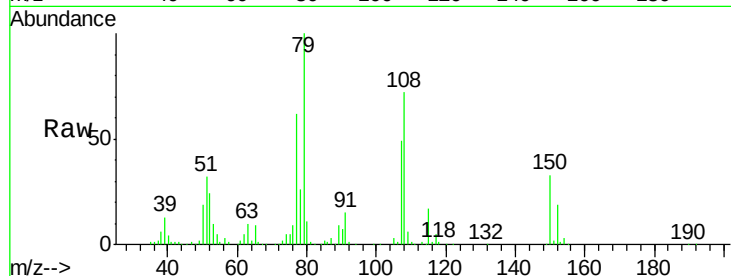
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM

Tgt Ion:	79	Resp:	403444
Ion	Ratio	Lower	Upper
79	100		
108	72.2	56.9	85.3
77	62.4	50.4	75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.86 ng

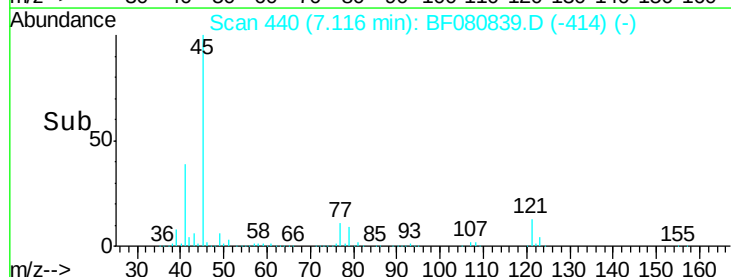
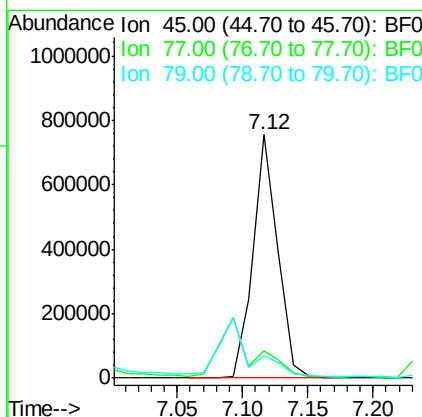
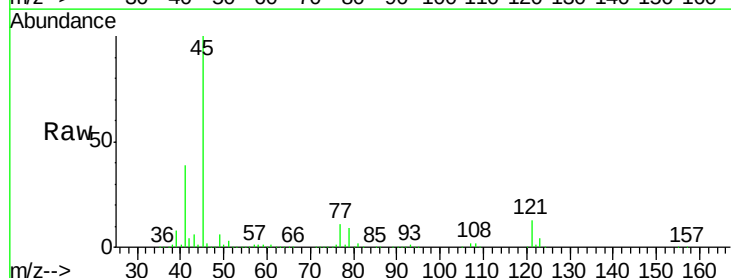
RT: 7.12 min Scan# 440

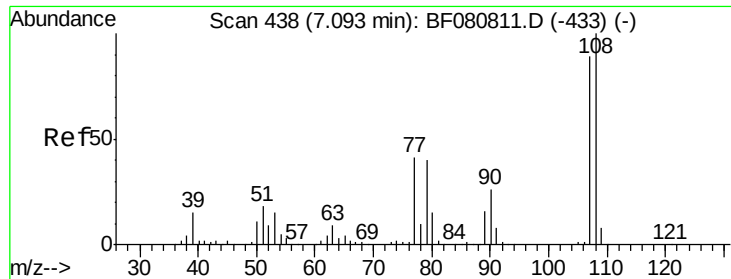
Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

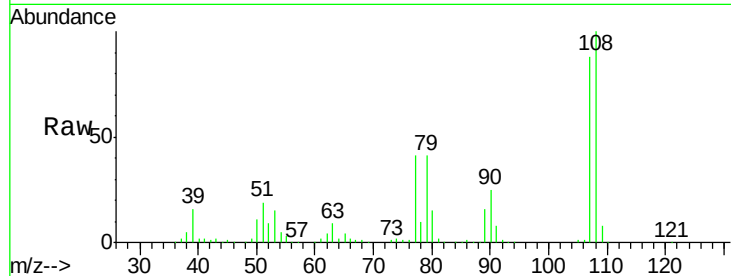
Tgt Ion:	45	Resp:	992905
Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.5
79	9.2	0.0	28.2





#17
2-Methylphenol
Concen: 39.63 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

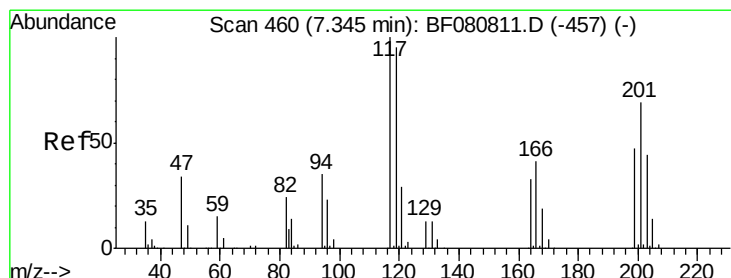
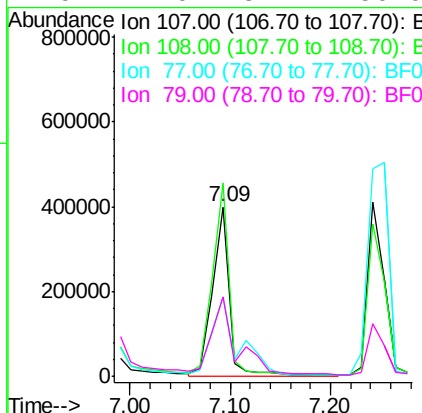
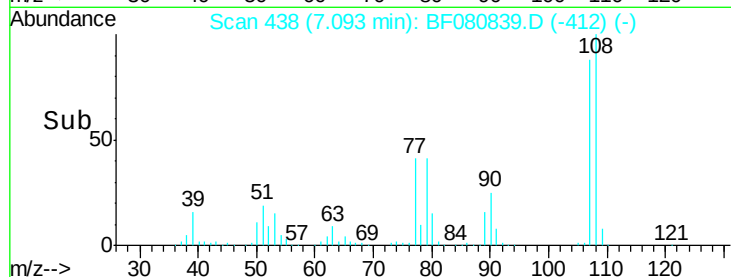
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	466575		
108	114.0	90.6	135.8	
77	46.7	37.8	56.8	
79	47.0	37.4	56.0	

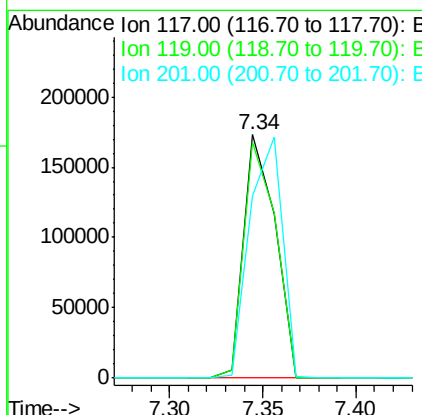
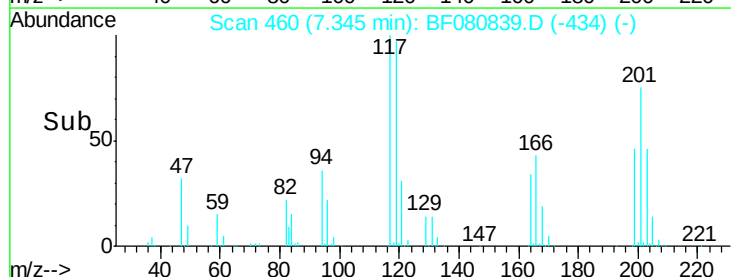
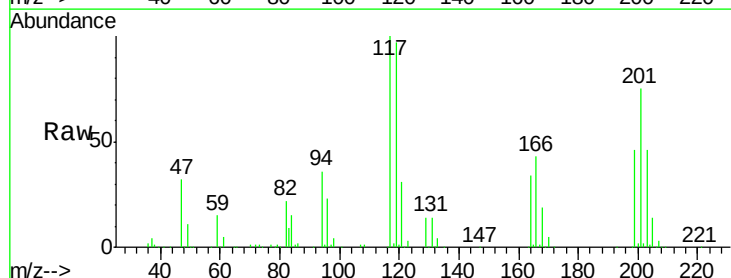
Manual Integrations
APPROVED

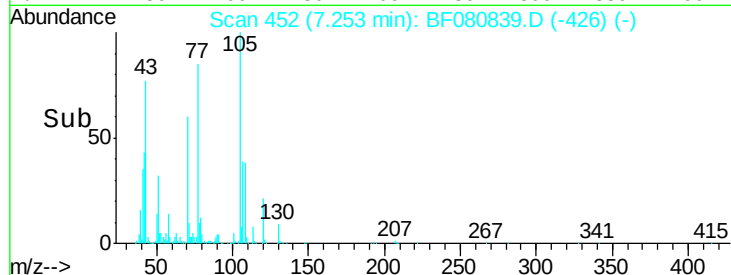
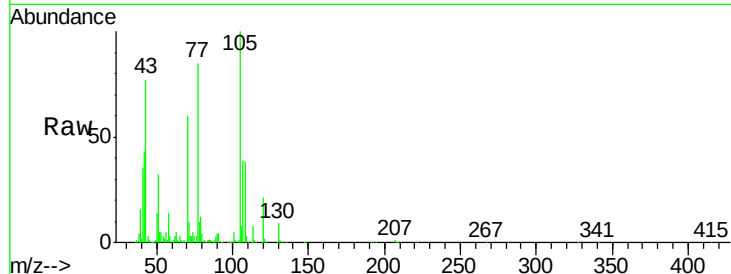
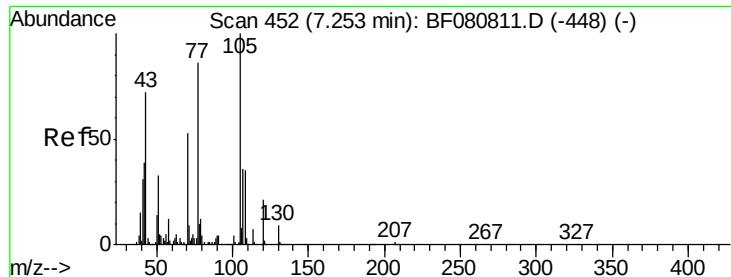
MMDadoda
8/5/2015 2:29:17 PM



#18
Hexachloroethane
Concen: 36.79 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	202634		
119	96.7	76.3	114.5	
201	75.0	55.5	83.3	





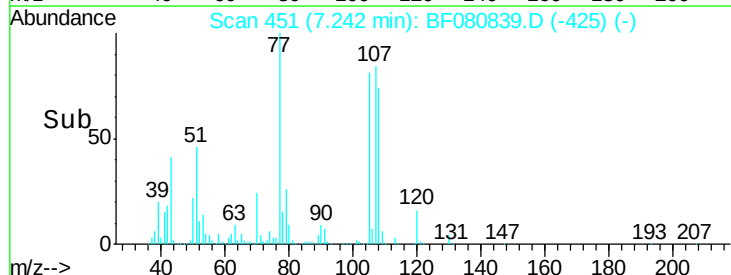
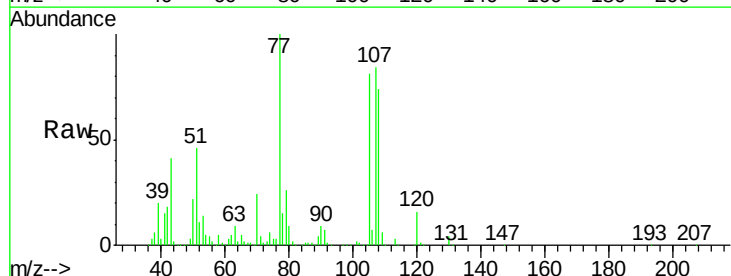
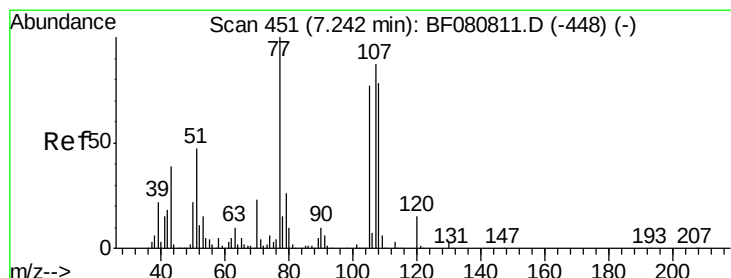
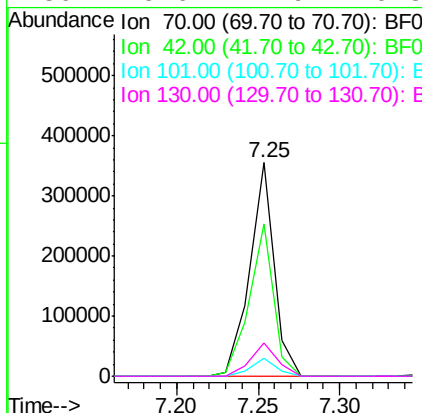
#19
n-Nitroso-di-n-propylamine
Concen: 35.13 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

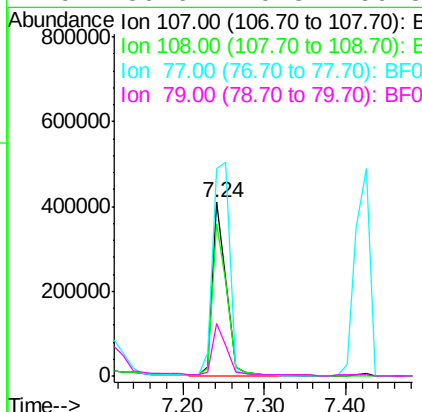
MMDadoda
8/5/2015 2:29:17 PM

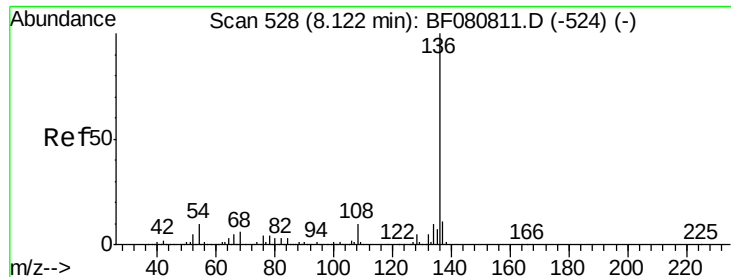
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	369695		
42	71.4	59.1	88.7	
101	8.3	6.6	10.0	
130	15.6	12.9	19.3	



#20
3+4-Methylphenols
Concen: 35.05 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	479449		
108	87.8	69.6	109.6	
77	119.2	94.9	134.9	
79	30.6	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

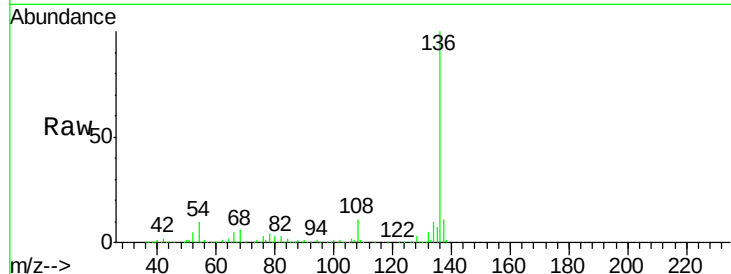
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.8	13.2
54	10.2	7.9	11.9
68	5.8	4.4	6.6

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM

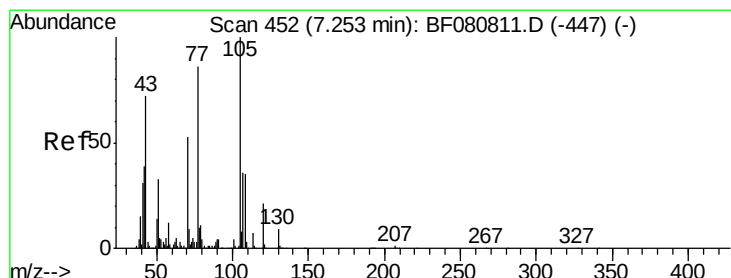
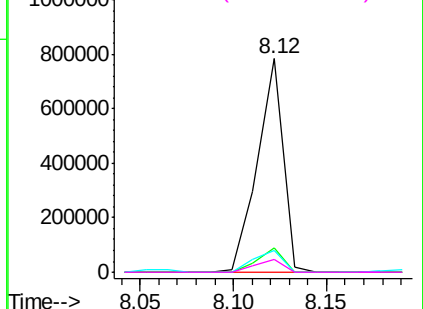
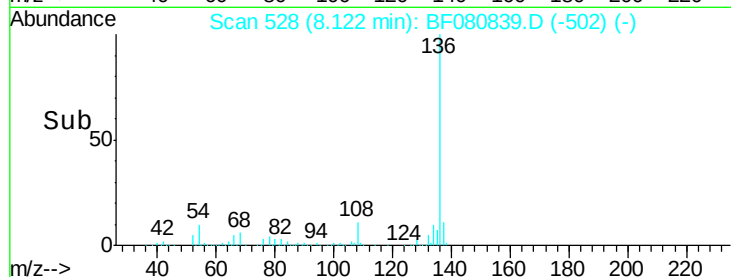


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.55 ng

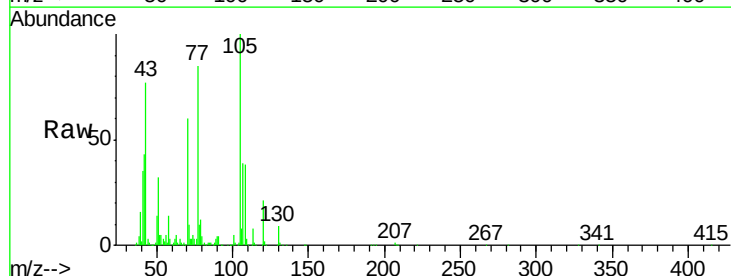
RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	10.3	7.1	10.7
51	32.1	26.5	39.7
120	21.3	17.0	25.6

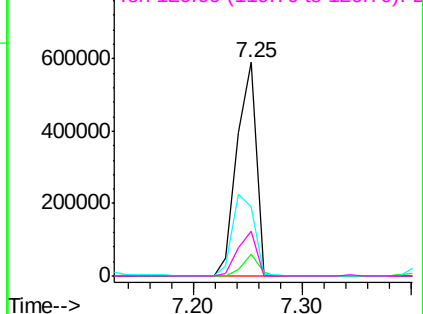
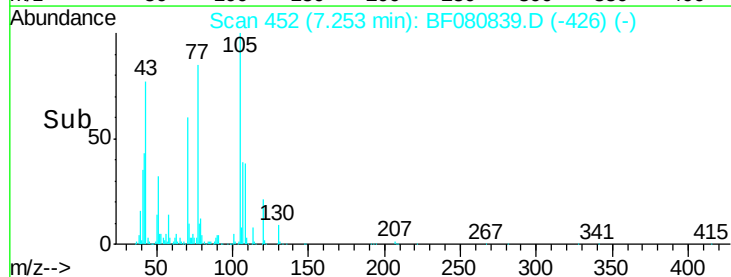


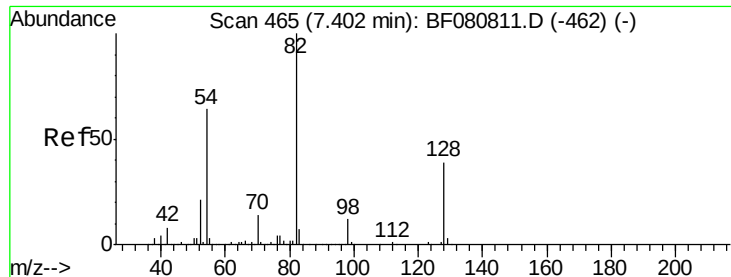
Abundance Ion 105.00 (104.70 to 105.70): E

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: 69.74 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1077899

Ion Ratio Lower Upper

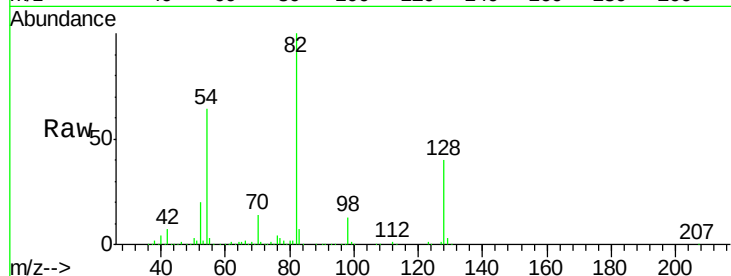
82 100

128 39.7 31.4 47.0

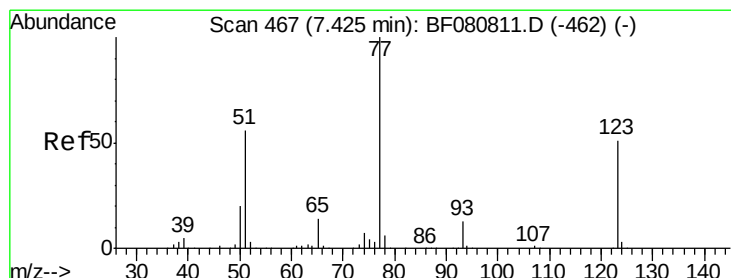
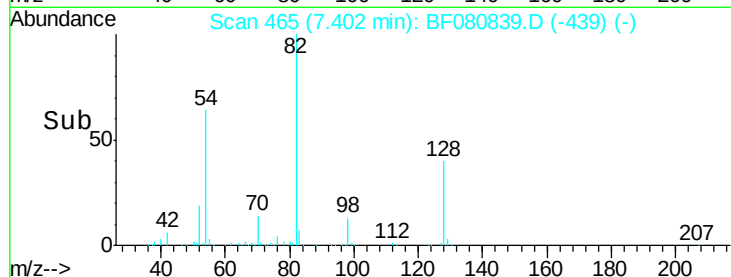
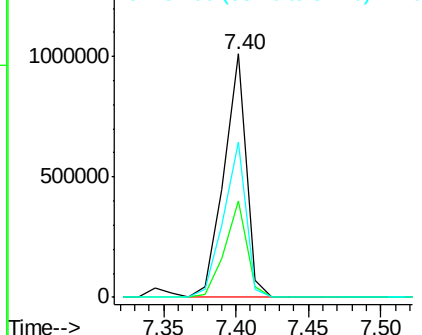
54 63.7 51.0 76.4

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



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



#24

Nitrobenzene

Concen: 37.98 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

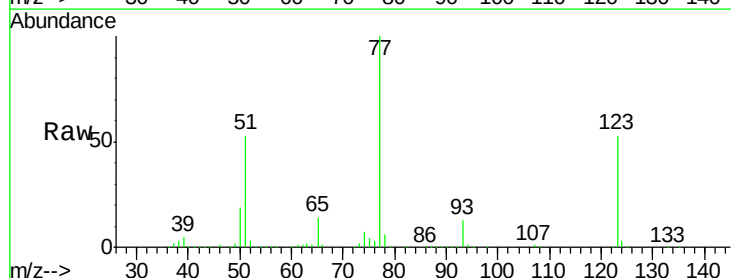
Tgt Ion: 77 Resp: 596460

Ion Ratio Lower Upper

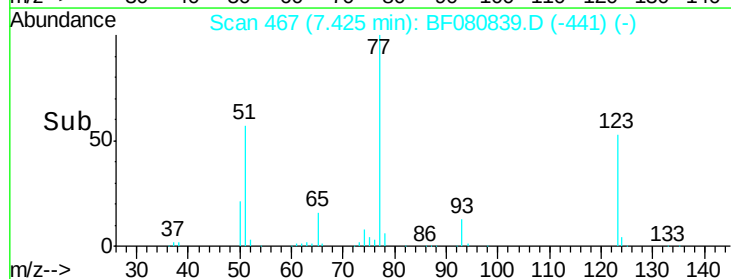
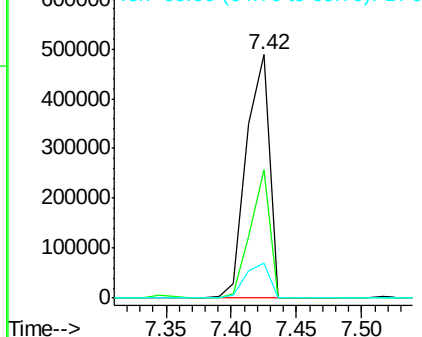
77 100

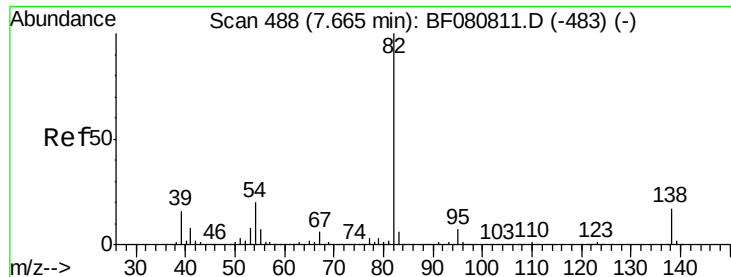
123 52.9 40.7 61.1

65 14.2 11.3 16.9



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





#25

Isophorone

Concen: 38.49 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1063057

Ion Ratio Lower Upper

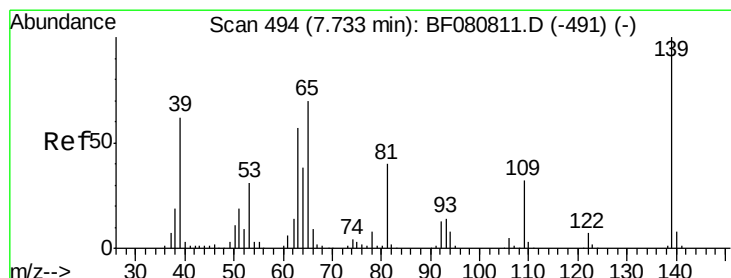
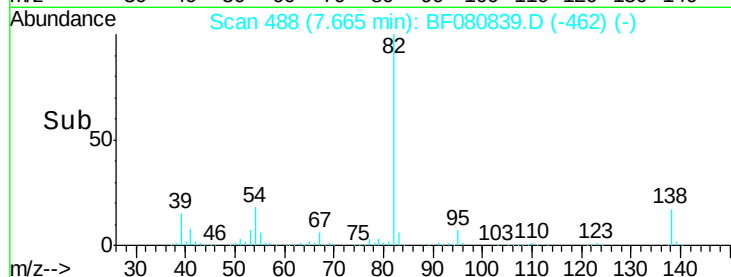
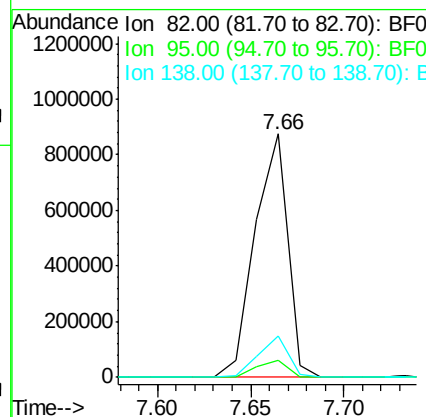
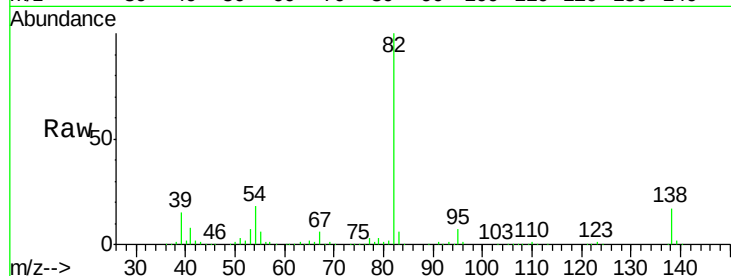
82 100

95 7.0 5.9 8.9

138 17.1 13.4 20.2

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#26

2-Nitrophenol

Concen: 36.39 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

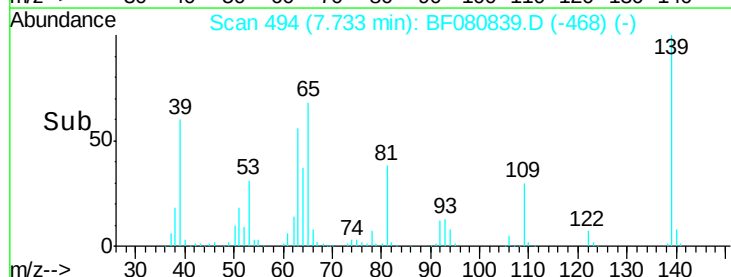
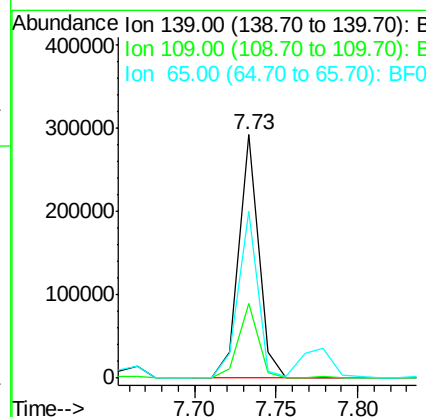
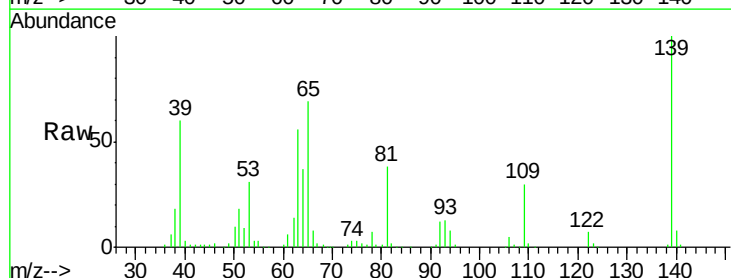
Tgt Ion: 139 Resp: 244337

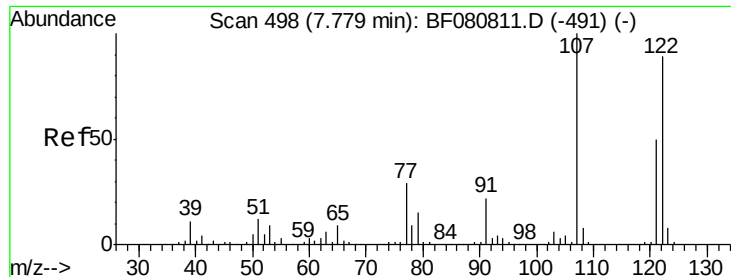
Ion Ratio Lower Upper

139 100

109 30.5 25.3 37.9

65 68.6 56.2 84.4





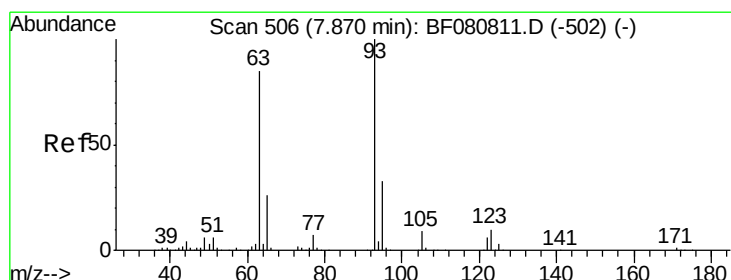
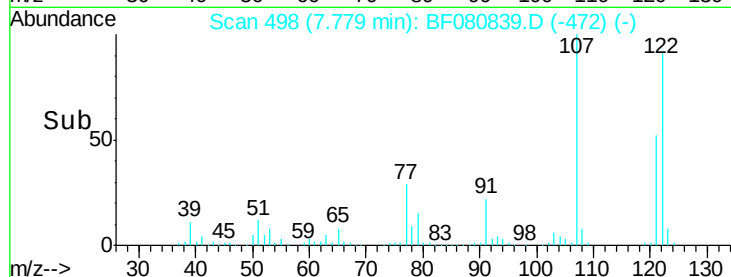
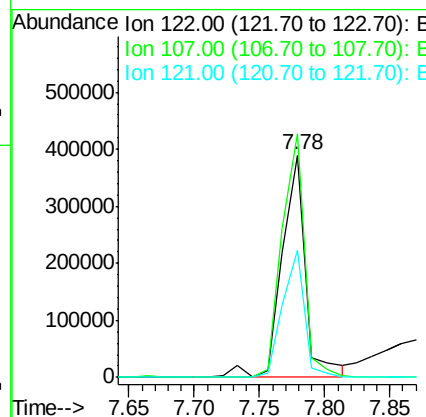
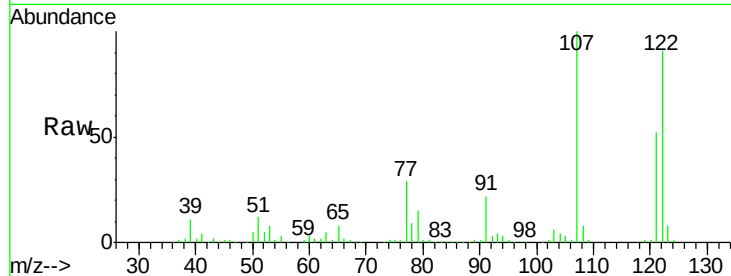
#27
 2,4-Dimethylphenol
 Concen: 38.98 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

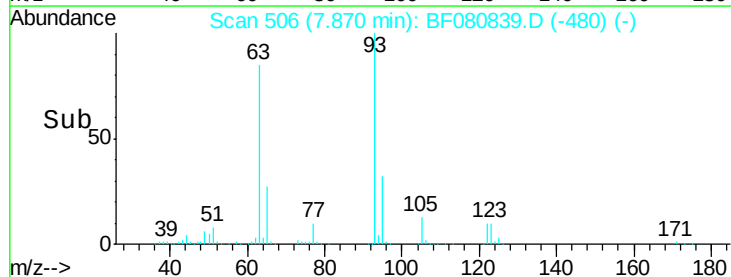
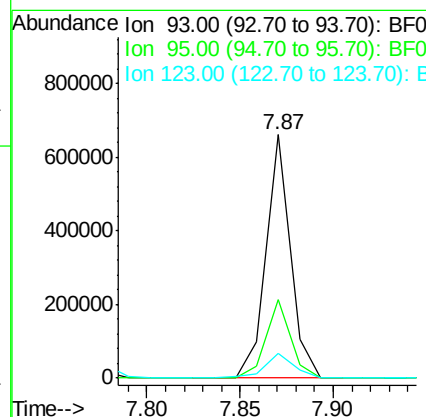
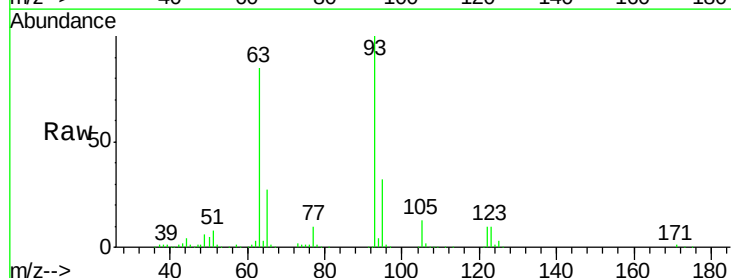
MMDadoda
 8/5/2015 2:29:17 PM

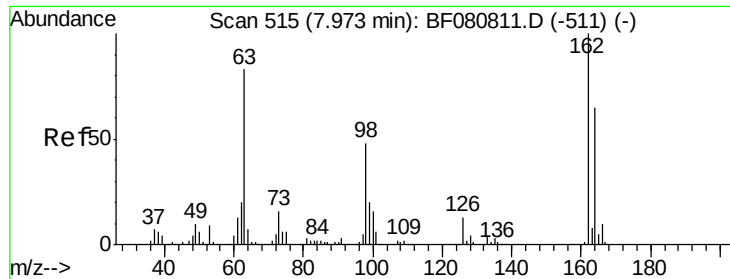
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	498508		
107	109.6	90.2	135.4	
121	57.3	45.4	68.2	



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.68 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	594729		
95	32.1	26.1	39.1	
123	9.9	8.0	12.0	





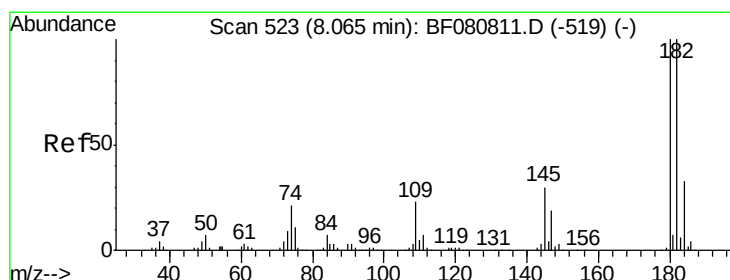
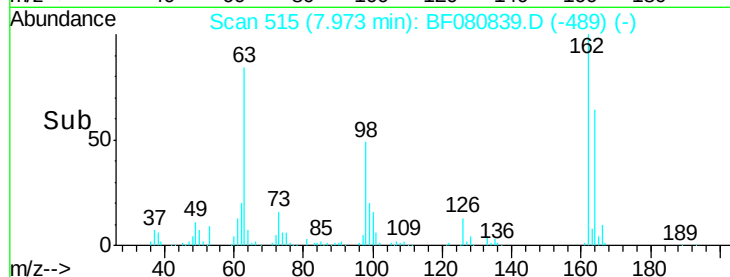
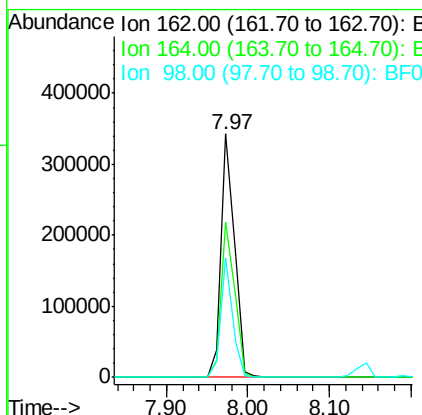
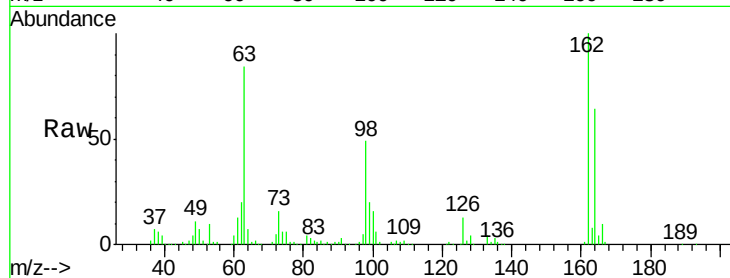
#29
 2,4-Dichlorophenol
 Concen: 36.24 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	389008		
164	63.7	45.3	85.3	
98	49.0	27.7	67.7	

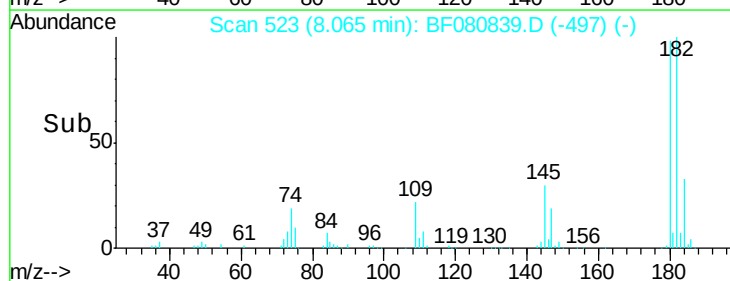
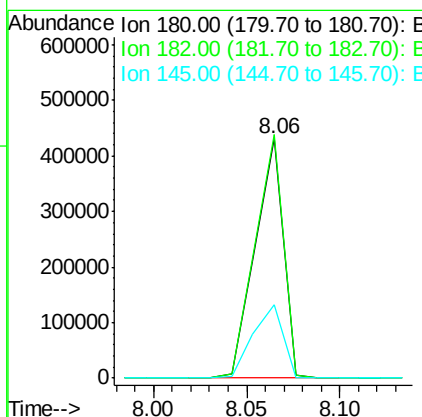
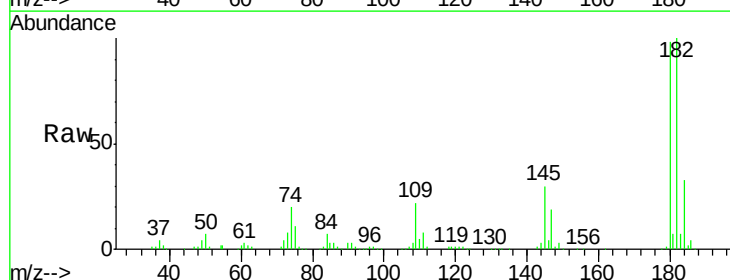
Manual Integrations
 APPROVED

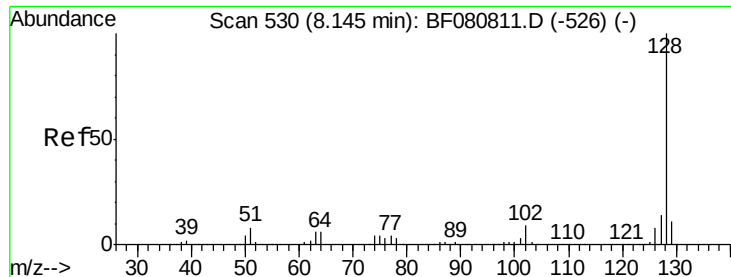
MMDadoda
 8/5/2015 2:29:17 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.50 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	449639		
182	101.6	79.7	119.5	
145	30.6	23.8	35.8	





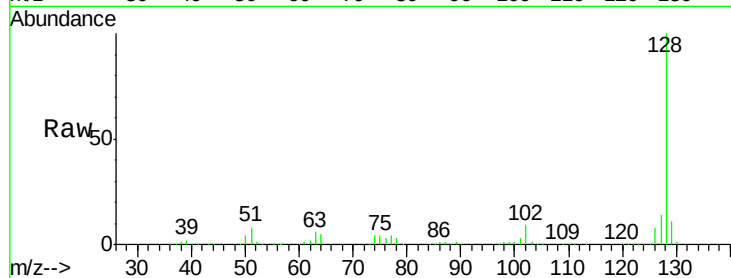
#31
Naphthalene
Concen: 39.25 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

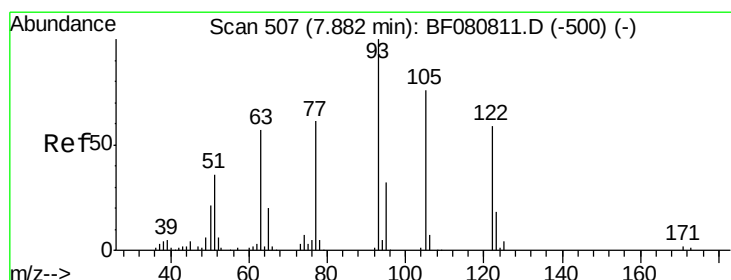
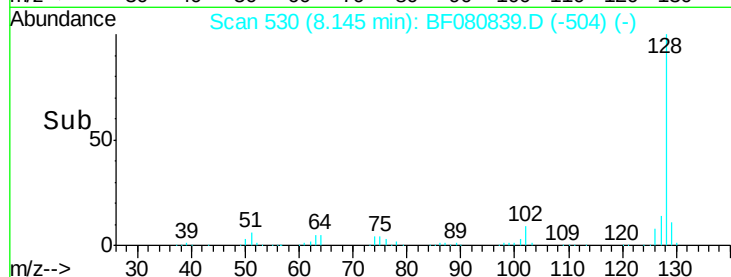
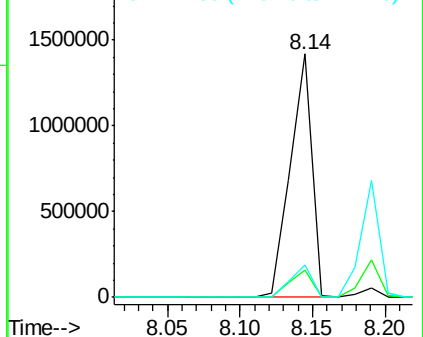
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.6	10.8	16.2

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM

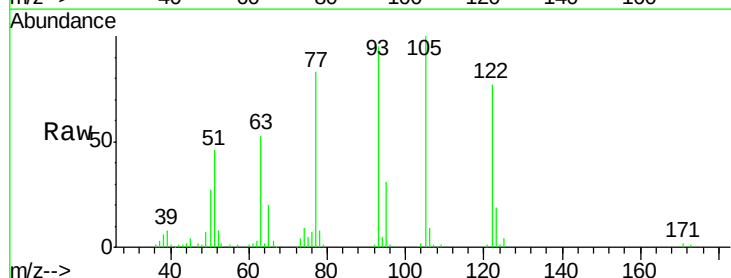


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

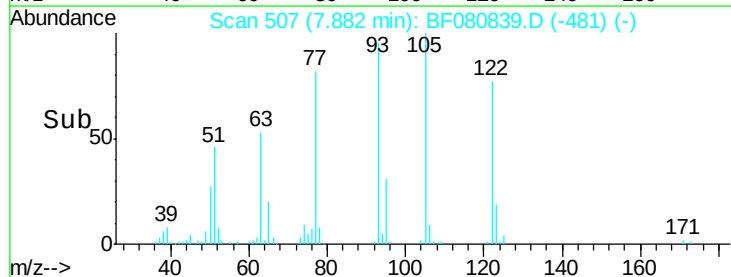
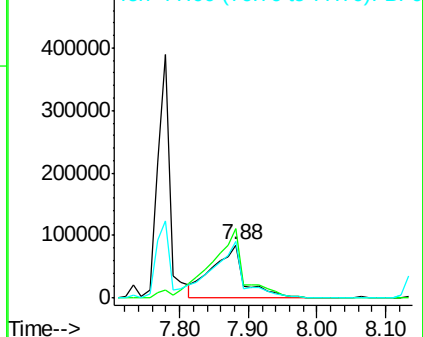


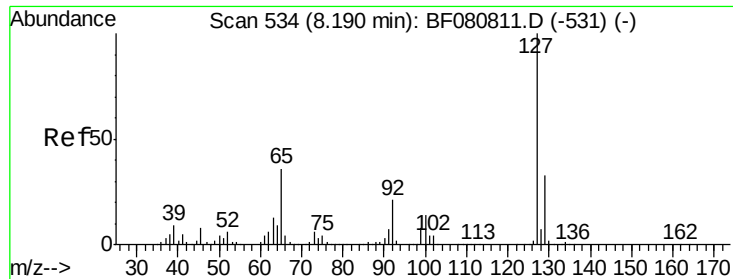
#32
Benzoic acid
Concen: 35.79 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	102.3	142.3
77	107.9	81.2	121.2



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





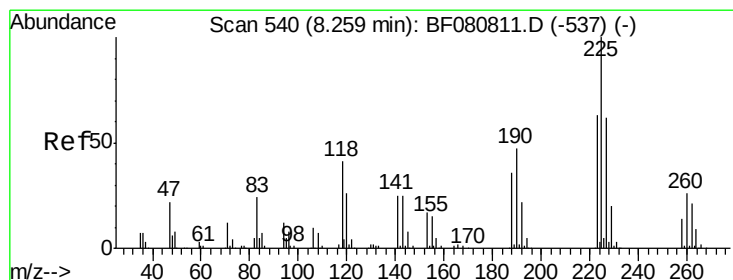
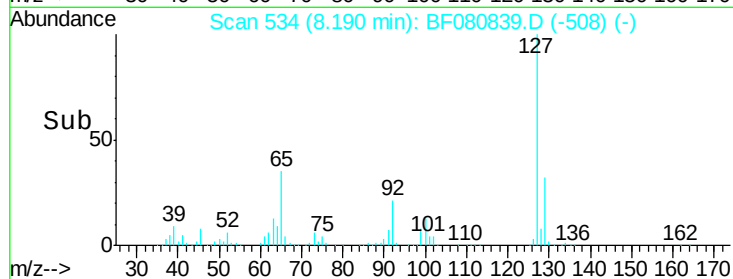
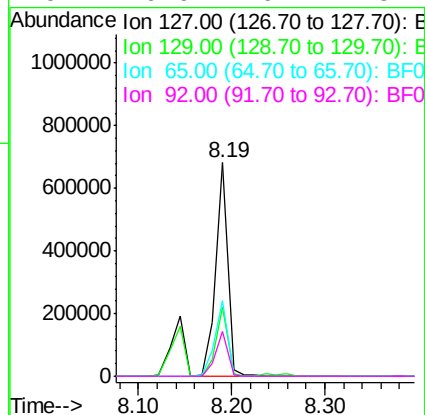
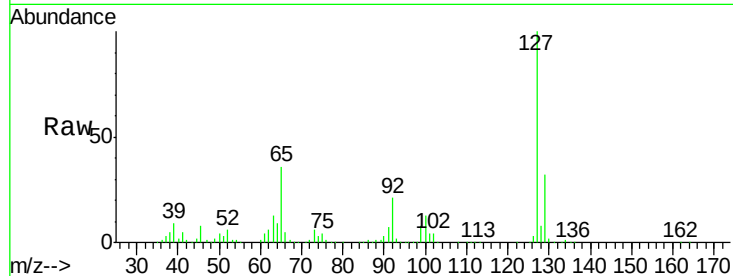
#33
4-Chloroaniline
Concen: 38.86 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	611242		
129	32.2	26.1	39.1	
65	35.6	28.9	43.3	
92	20.9	16.7	25.1	

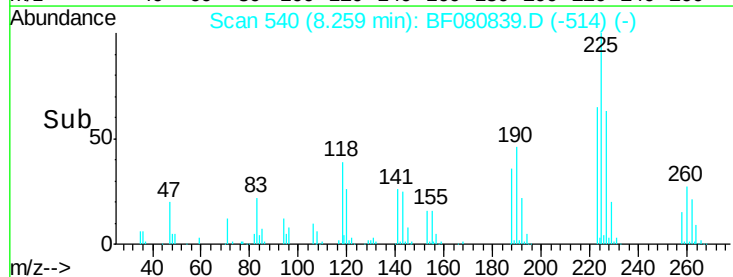
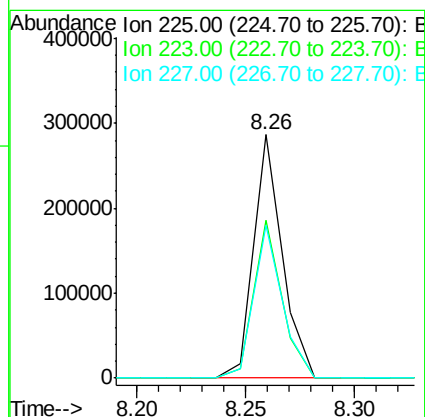
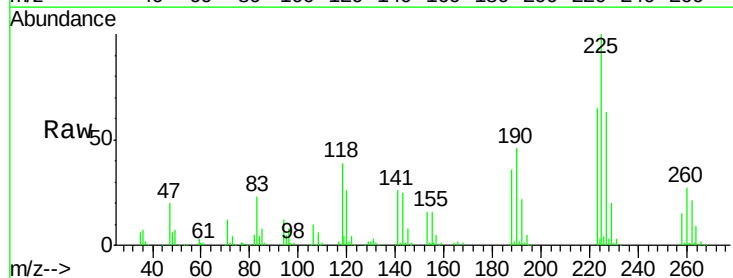
Manual Integrations
APPROVED

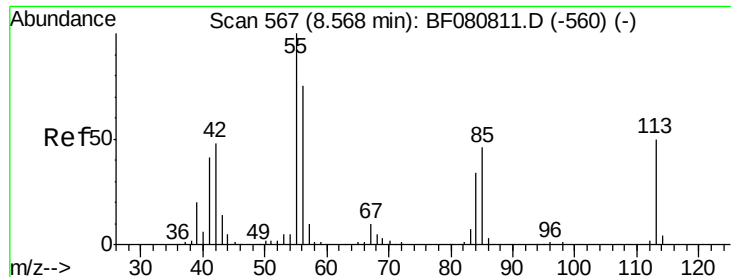
MMDadoda
8/5/2015 2:29:17 PM



#34
Hexachlorobutadiene
Concen: 36.50 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	261628		
223	64.9	50.2	75.2	
227	62.7	49.7	74.5	





#35

Caprolactam

Concen: 39.34 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 117339
Ion Ratio Lower Upper

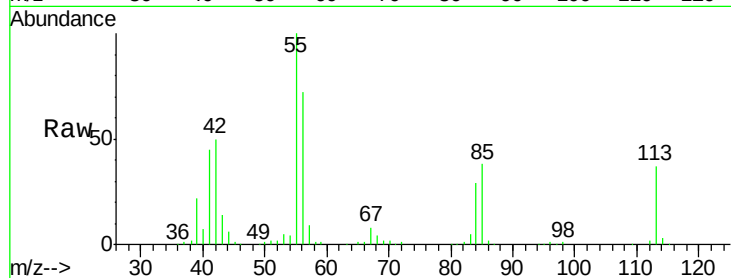
113 100

55 267.9 179.0 219.0#

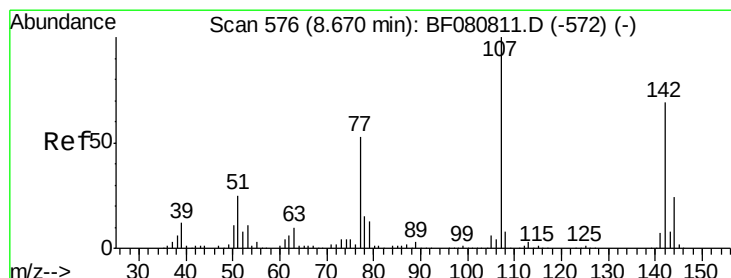
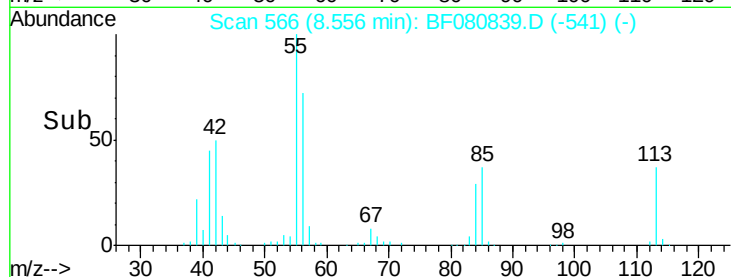
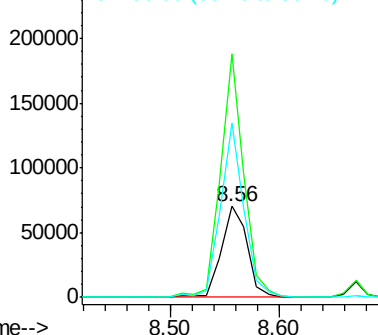
56 192.4 128.2 168.2#

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



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



#36

4-Chloro-3-methylphenol

Concen: 38.60 ng

RT: 8.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF080839.D

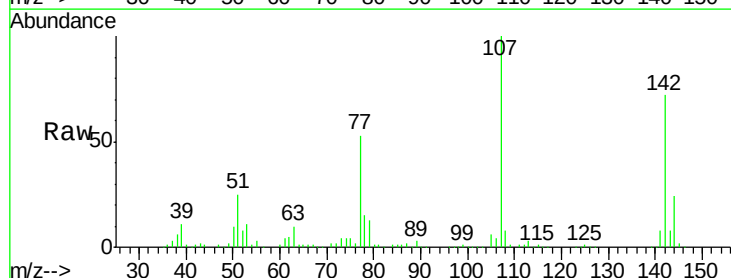
Acq: 4 Aug 2015 12:52

Tgt Ion:107 Resp: 444891
Ion Ratio Lower Upper

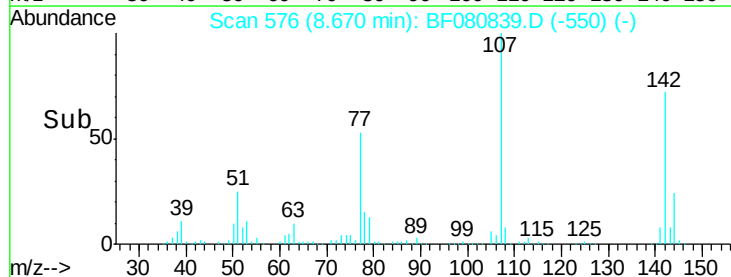
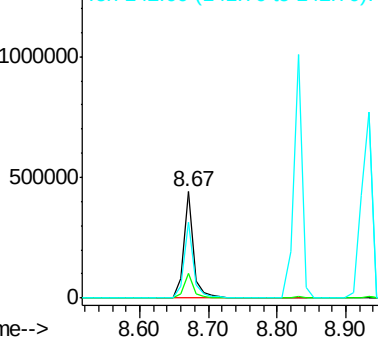
107 100

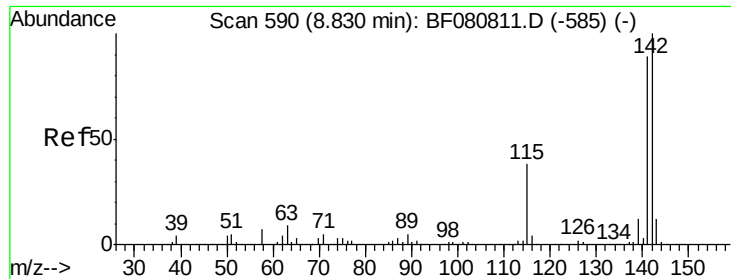
144 23.7 19.0 28.4

142 71.8 54.9 82.3



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





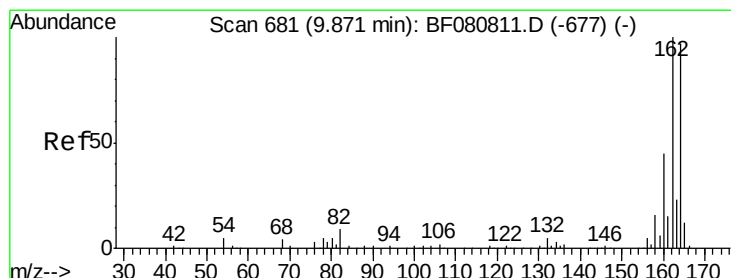
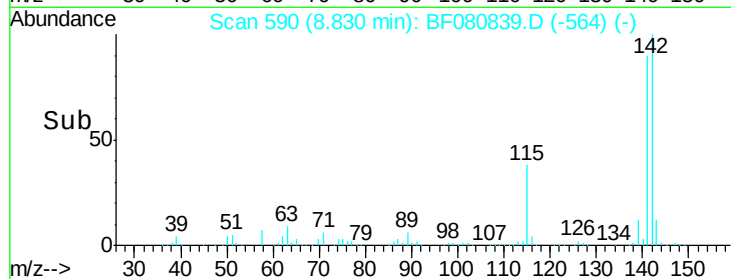
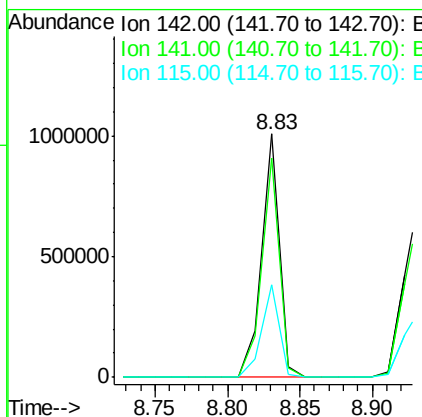
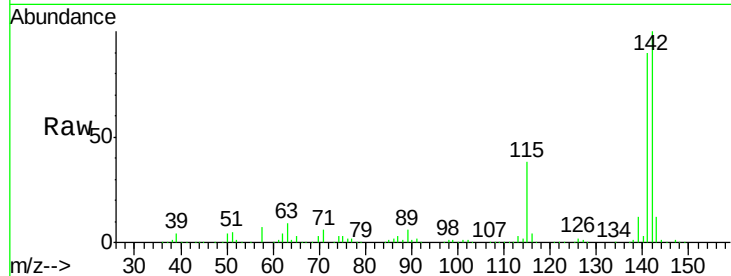
#37
 2-Methylnaphthalene
 Concen: 36.79 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	861131		
141	90.1	71.3	106.9	
115	38.1	30.6	45.8	

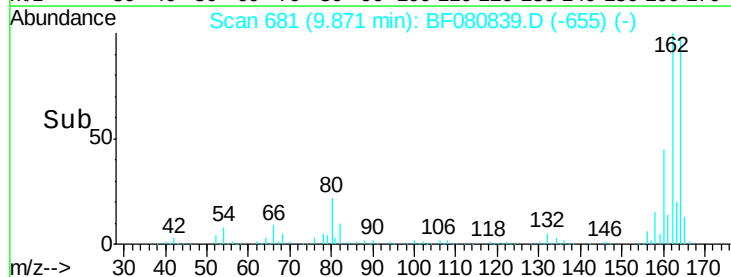
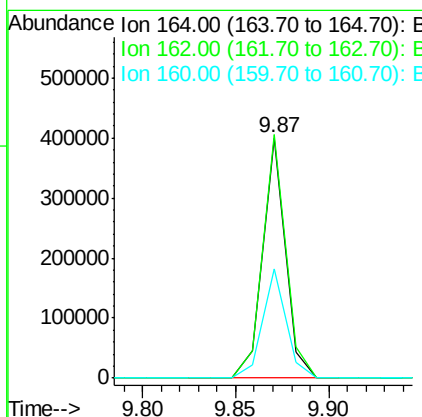
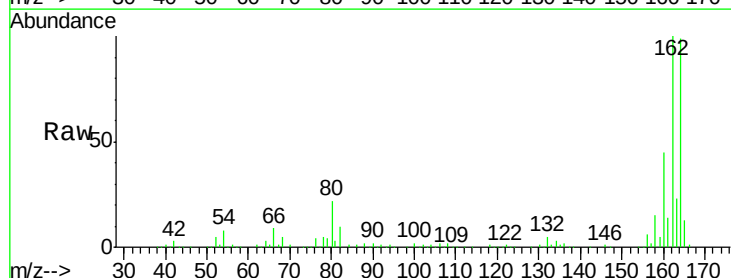
Manual Integrations
 APPROVED

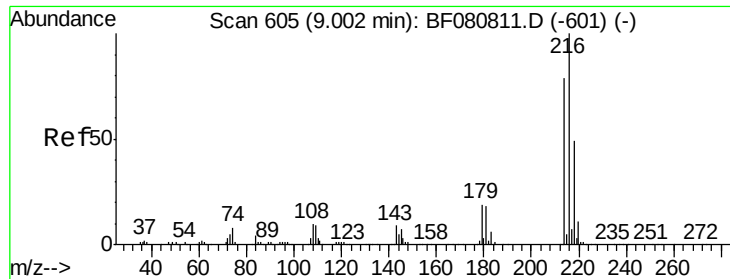
MMDadoda
 8/5/2015 2:29:17 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	335960		
162	101.3	82.3	123.5	
160	45.6	37.3	55.9	





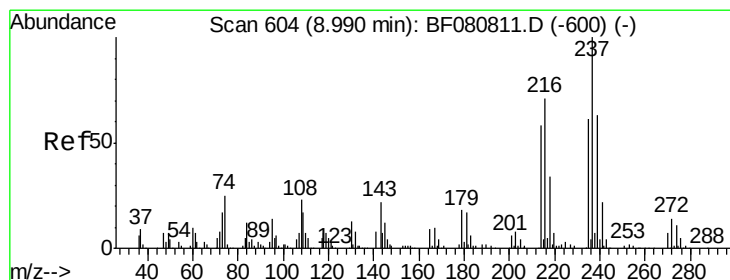
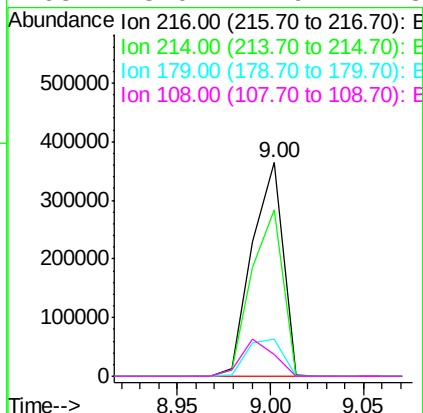
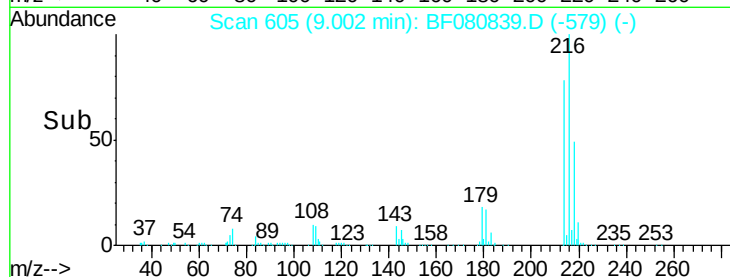
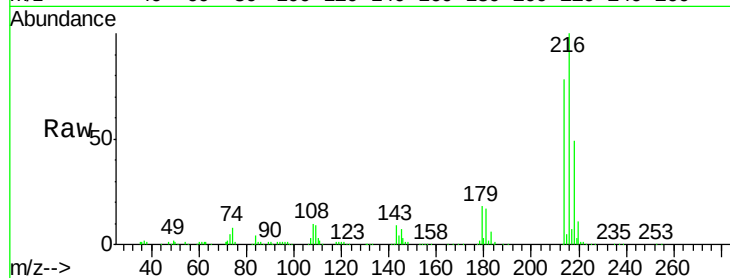
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.98 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

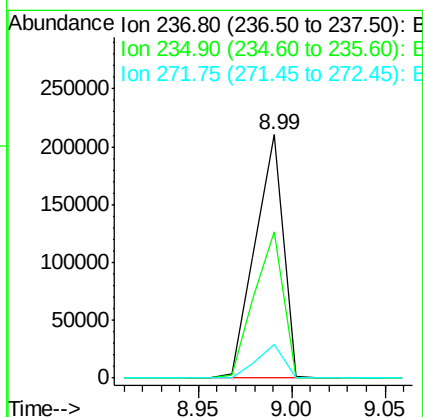
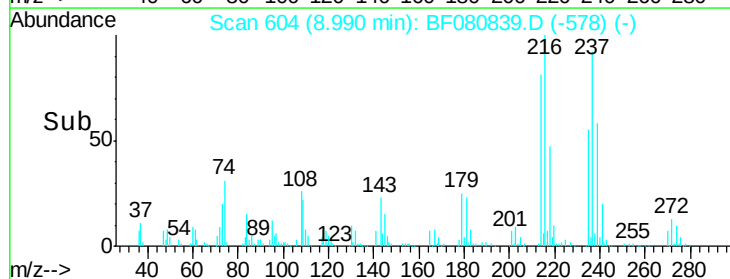
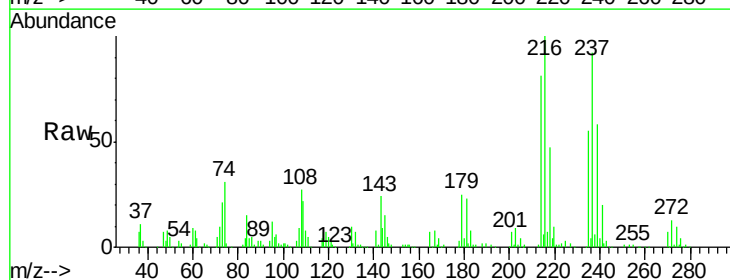
MMDadoda
 8/5/2015 2:29:17 PM

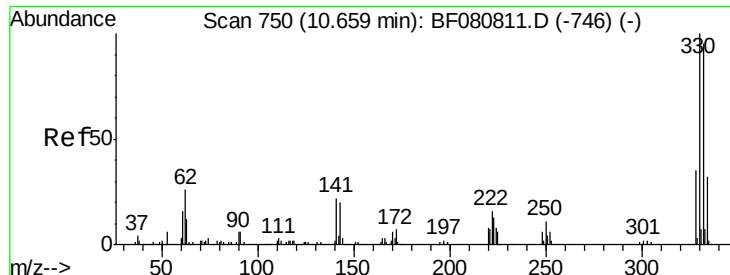
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	417256		
214	79.2	64.0	96.0	
179	20.4	16.9	25.3	
108	18.0	14.9	22.3	



#40
 Hexachlorocyclopentadiene
 Concen: 33.72 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	219369		
235	60.3	41.5	81.5	
272	13.7	0.0	33.7	





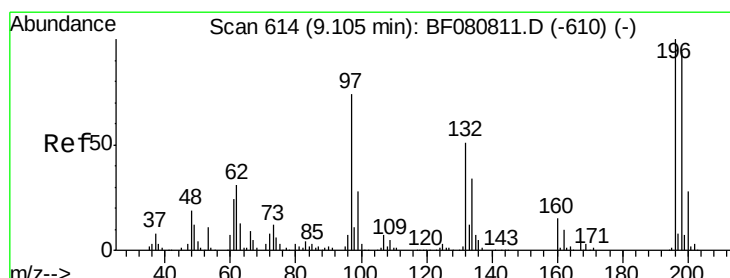
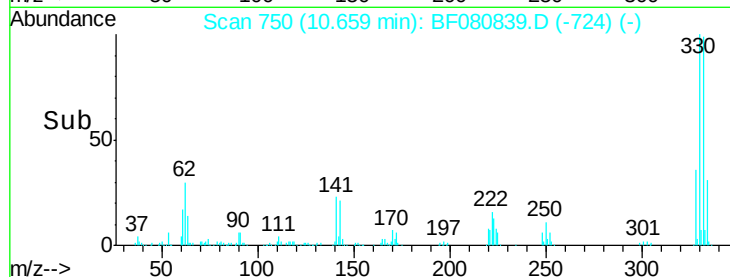
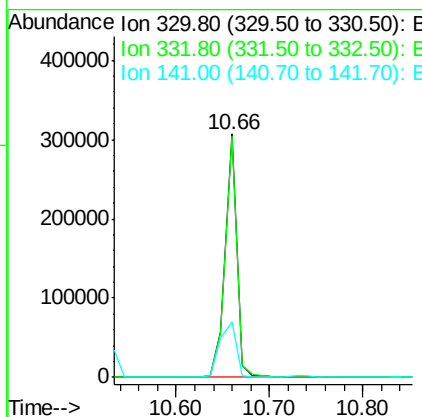
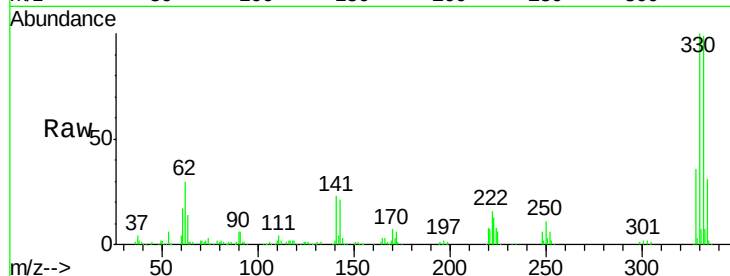
#41
 2,4,6-Tribromophenol
 Concen: 82.78 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	267512		
332	99.1	76.2	114.4	
141	31.9	25.4	38.0	

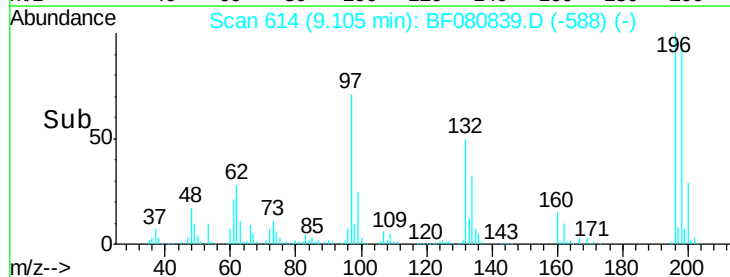
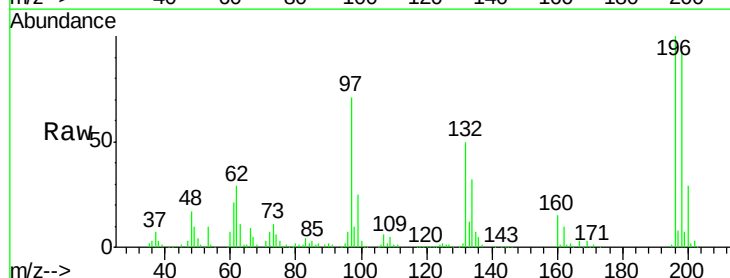
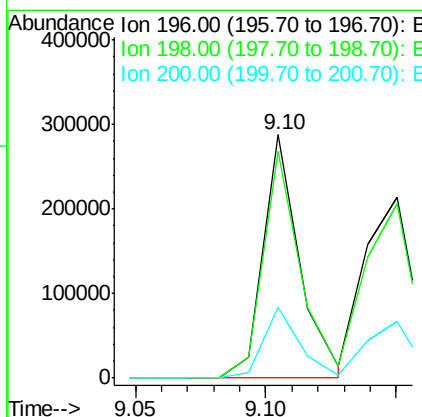
Manual Integrations
 APPROVED

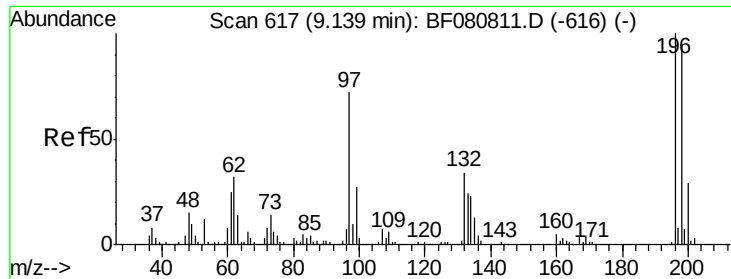
MMDadoda
 8/5/2015 2:29:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.08 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280998		
198	93.5	75.3	112.9	
200	29.0	22.7	34.1	





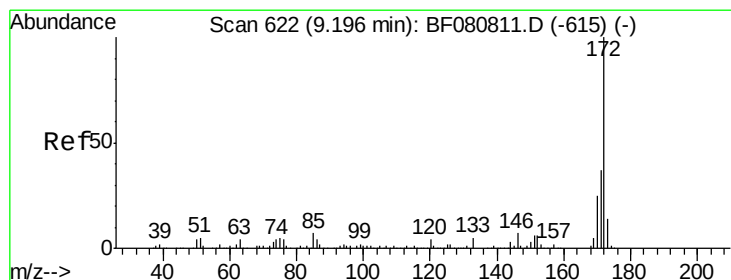
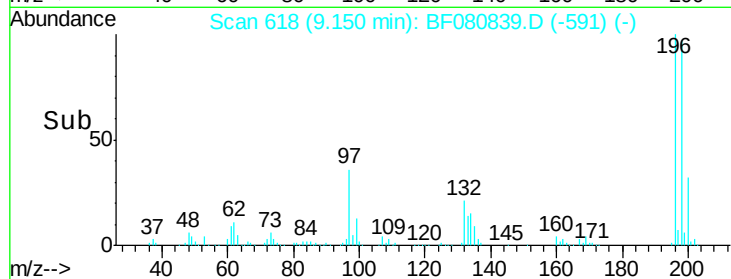
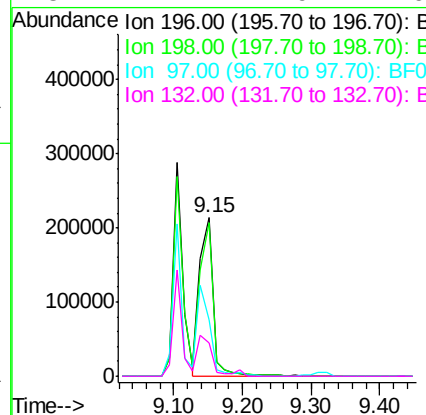
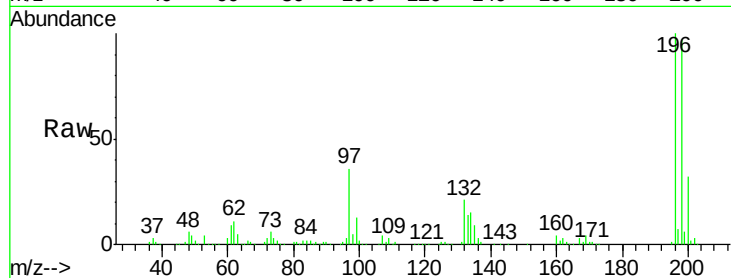
#43
 2,4,5-Trichlorophenol
 Concen: 38.64 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	196	Resp:	287202
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.3	114.5
97	35.6	58.8	88.2#
132	21.2	27.9	41.9#

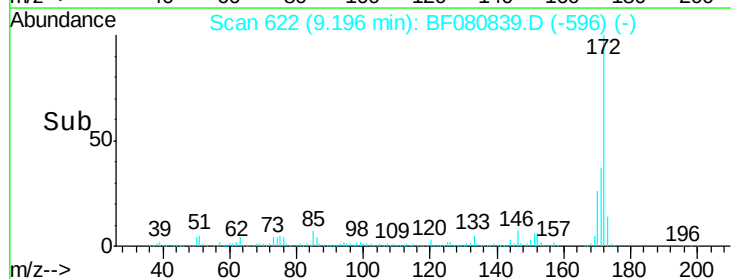
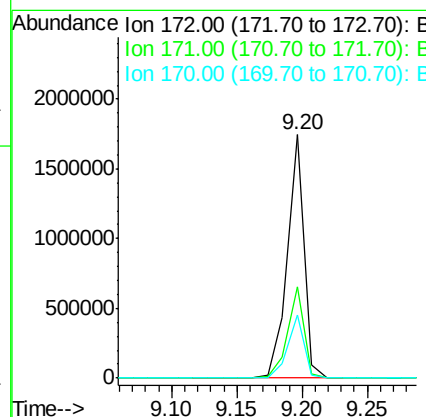
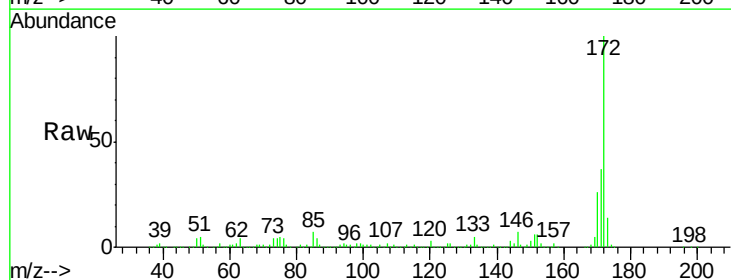
Manual Integrations
 APPROVED

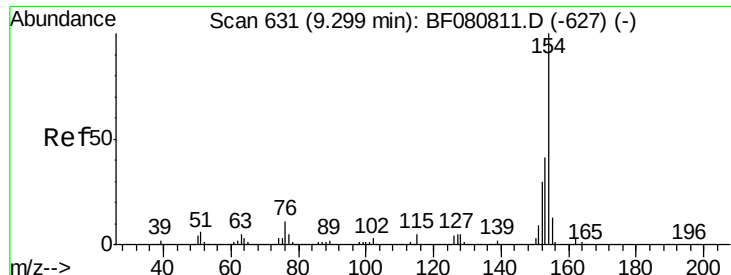
MMDadoda
 8/5/2015 2:29:17 PM



#44
 2-Fluorobiphenyl
 Concen: 70.75 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion:	172	Resp:	1579960
Ion Ratio	Lower	Upper	
172	100		
171	37.4	30.0	45.0
170	25.9	20.2	30.4





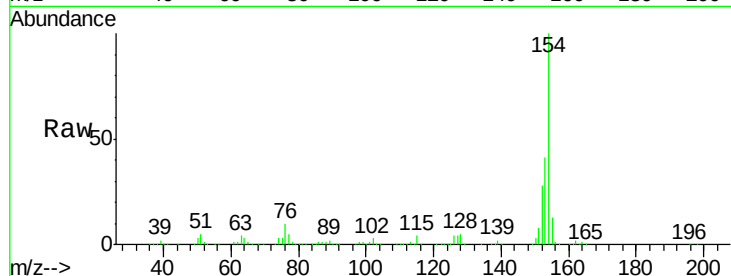
#45
 1,1'-Biphenyl
 Concen: 40.08 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

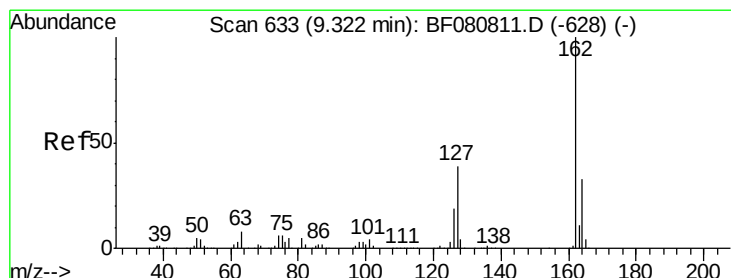
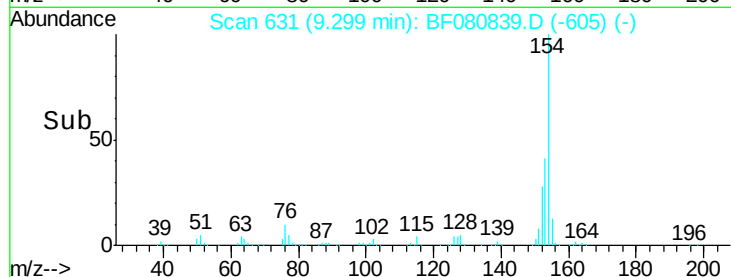
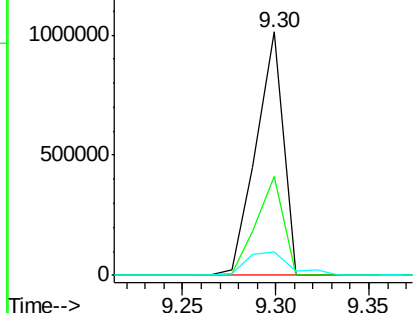
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.1	61.1
76	9.6	0.0	30.5

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:17 PM

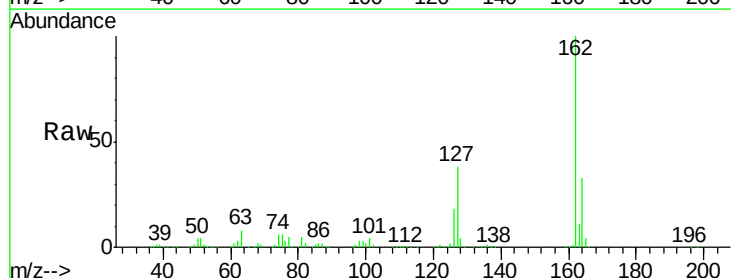


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

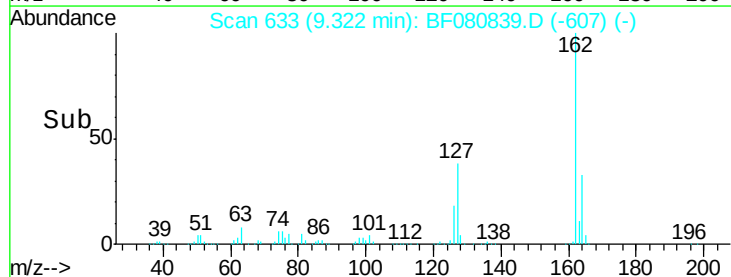
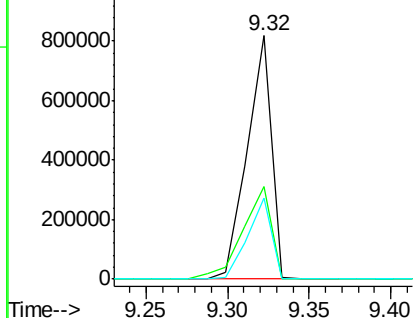


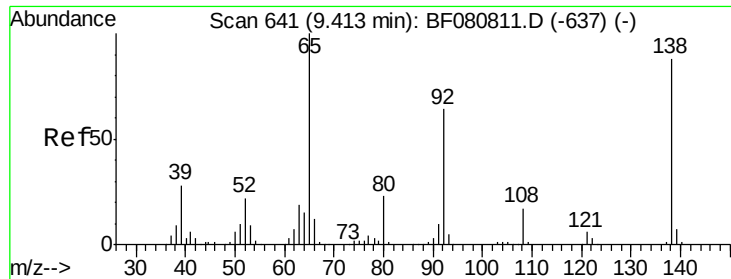
#46
 2-Chloronaphthalene
 Concen: 39.93 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	33.3	26.8	40.2



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





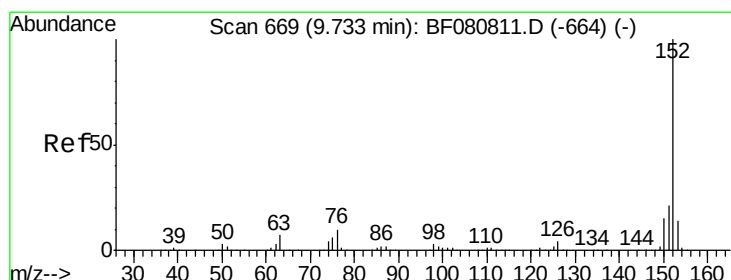
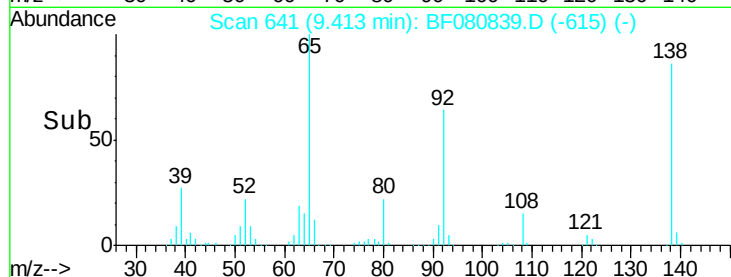
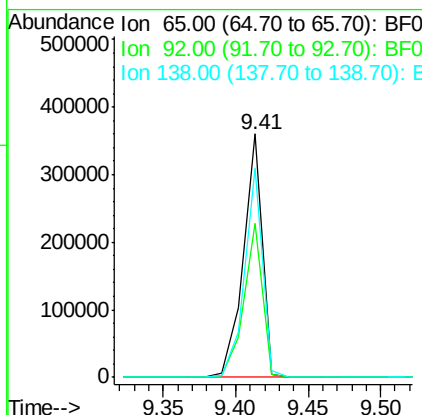
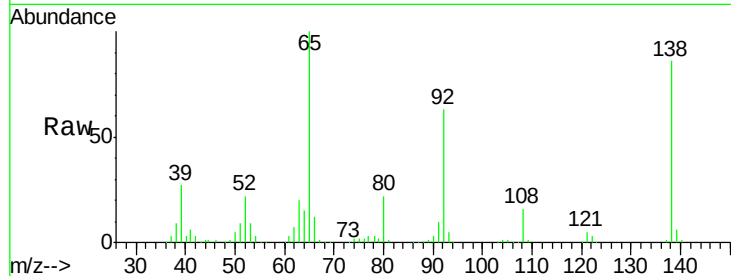
#47
2-Nitroaniline
Concen: 41.87 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	50.9	76.3
138	86.0	70.6	105.8

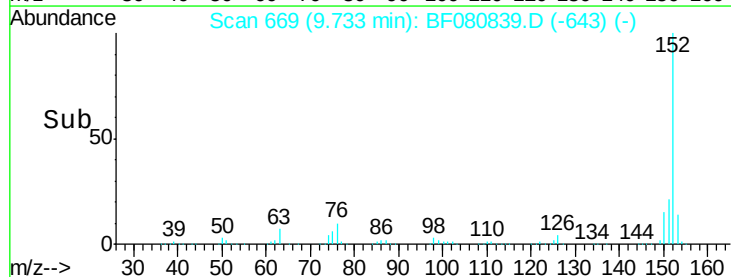
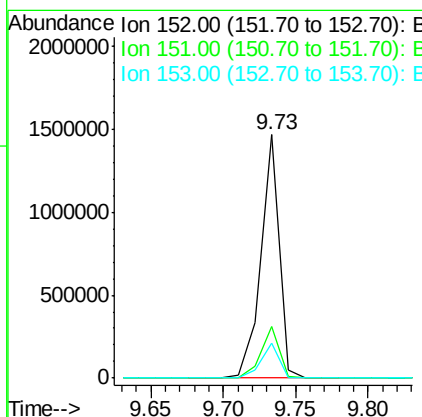
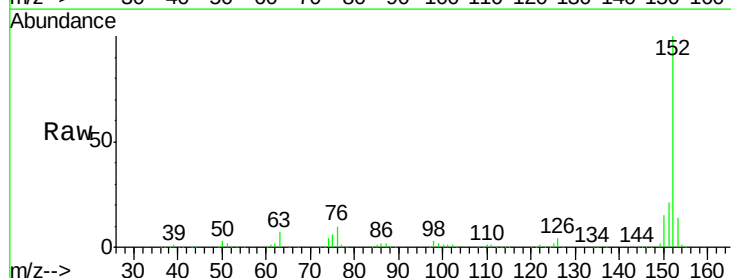
Manual Integrations
APPROVED

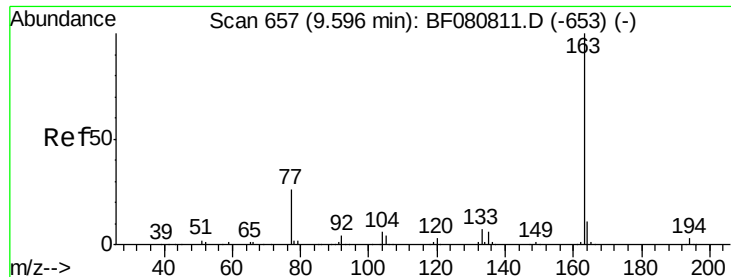
MMDadoda
8/5/2015 2:29:17 PM



#48
Acenaphthylene
Concen: 38.99 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	14.1	11.0	16.4





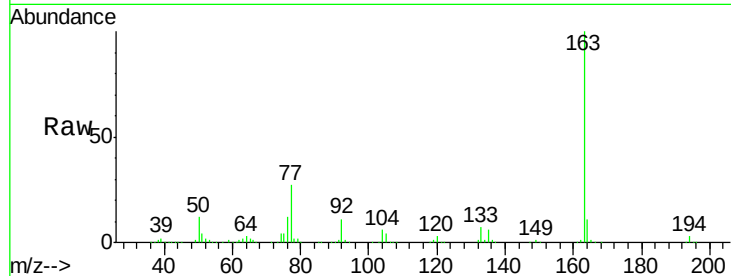
#49
Dimethylphthalate
Concen: 36.87 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

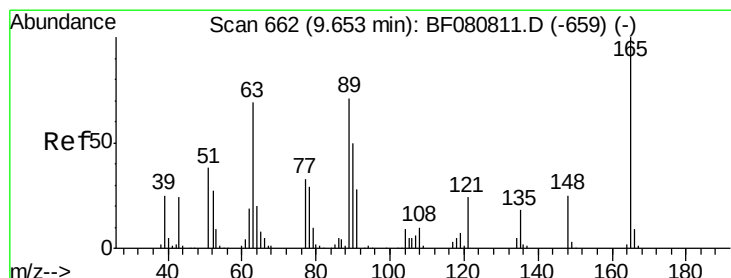
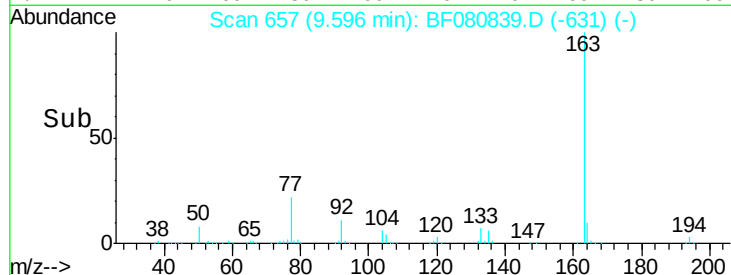
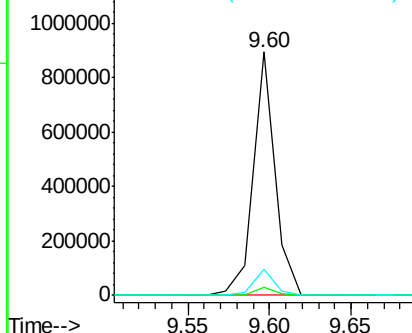
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.7	4.1
164	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



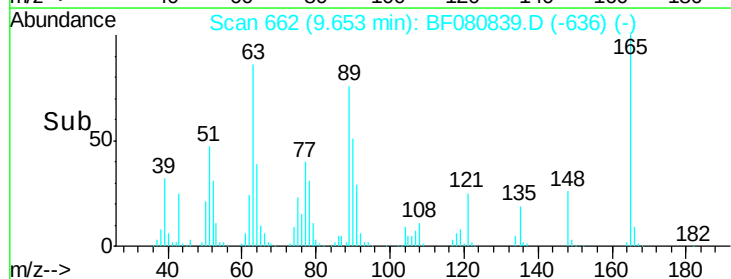
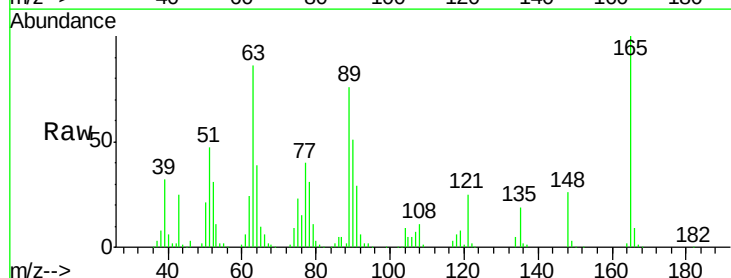
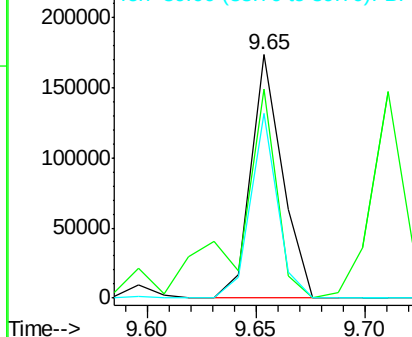
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

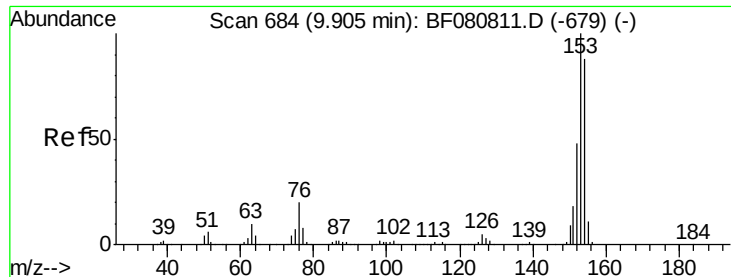


#50
2,6-Dinitrotoluene
Concen: 35.81 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	85.9	68.2	102.4
89	76.0	56.9	85.3

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.32 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

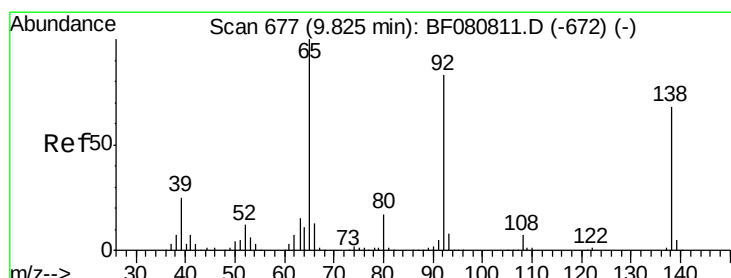
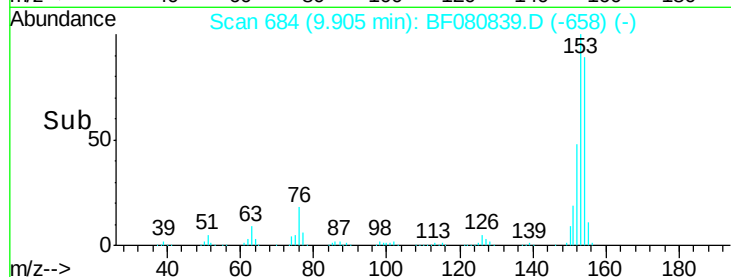
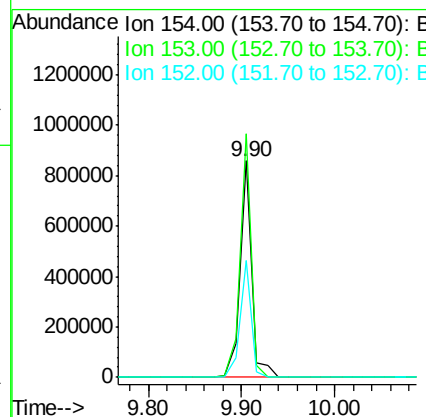
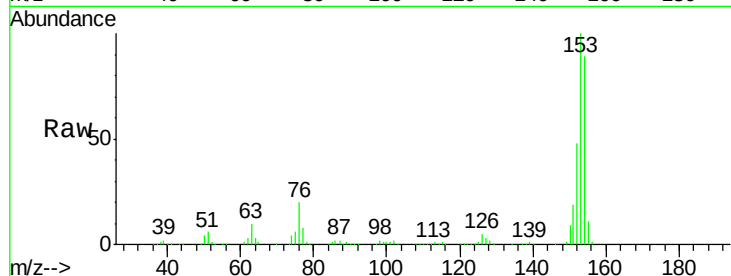
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	154	Resp:	761679
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.4	137.2
152	54.2	44.1	66.1

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#52

3-Nitroaniline

Concen: 41.77 ng

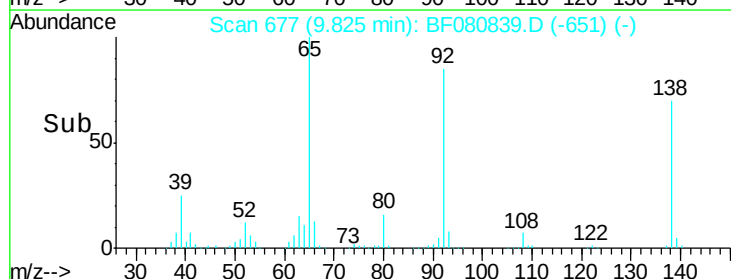
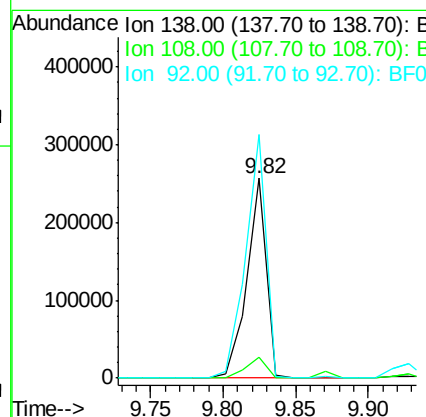
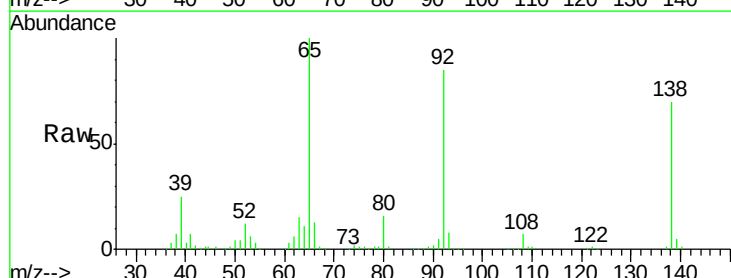
RT: 9.82 min Scan# 677

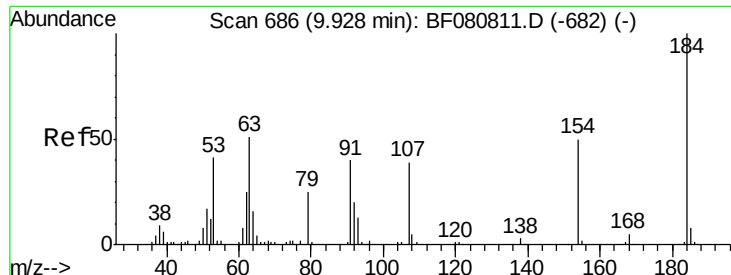
Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

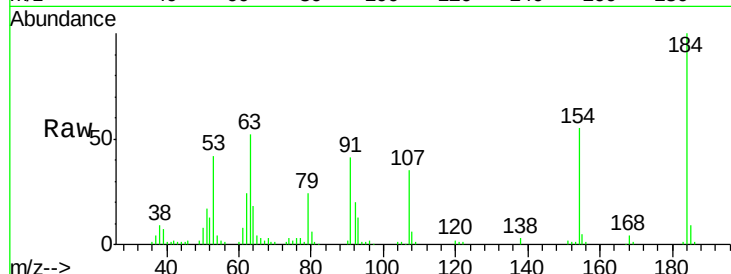
Tgt Ion:	138	Resp:	237499
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.6	13.0
92	121.7	97.4	146.2





#53
 2,4-Dinitrophenol
 Concen: 30.66 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

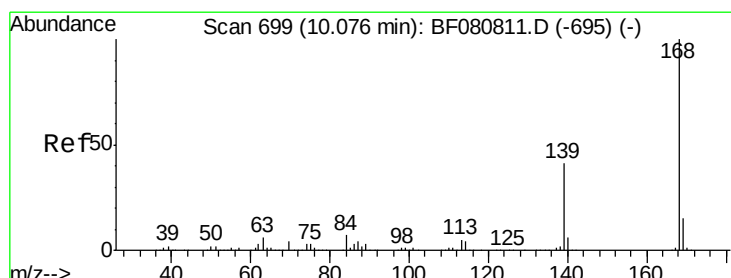
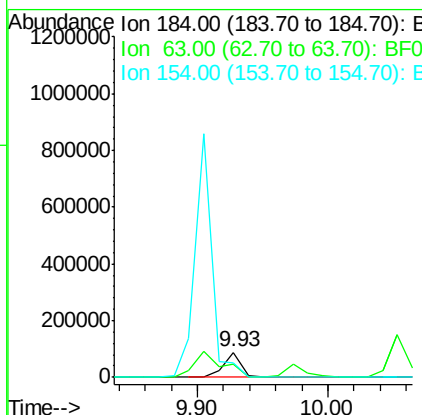
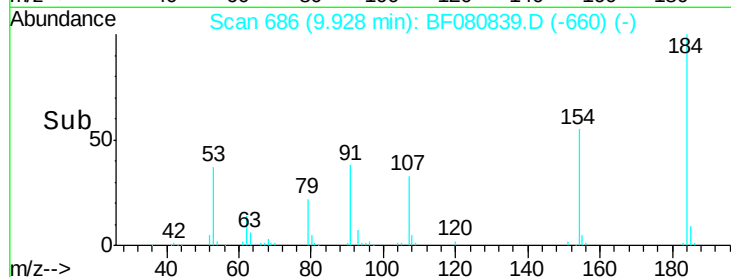
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	81106		
63	51.8	42.2	63.2	
154	55.3	47.4	71.0	

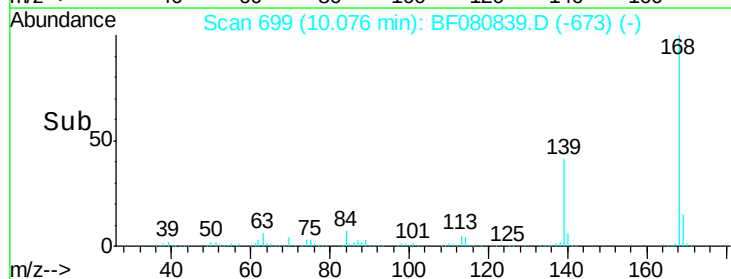
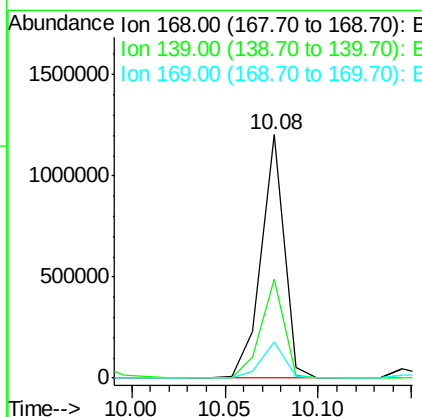
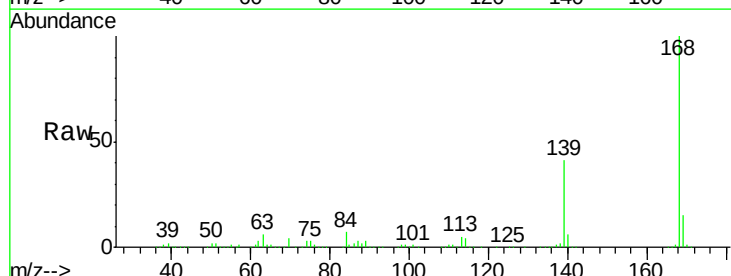
Manual Integrations
 APPROVED

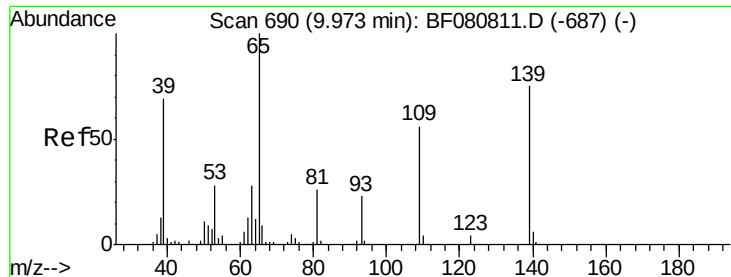
MMDadoda
 8/5/2015 2:29:17 PM



#54
 Dibenzofuran
 Concen: 39.11 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1025160		
139	40.7	32.8	49.2	
169	14.8	11.6	17.4	





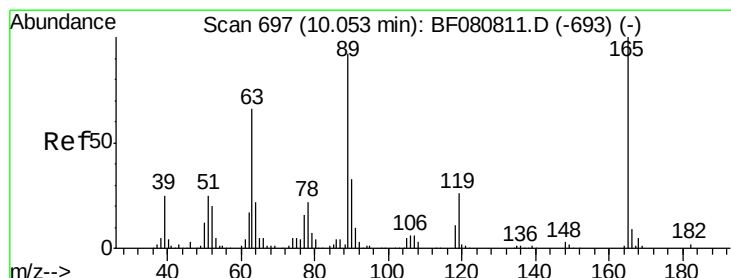
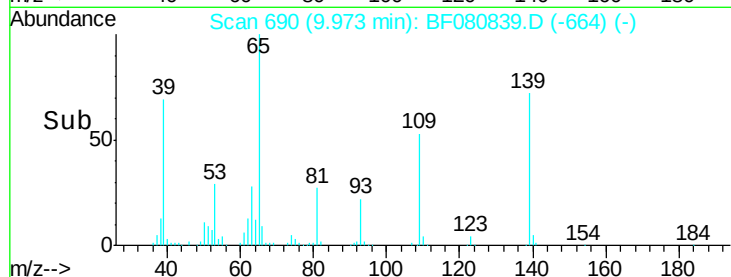
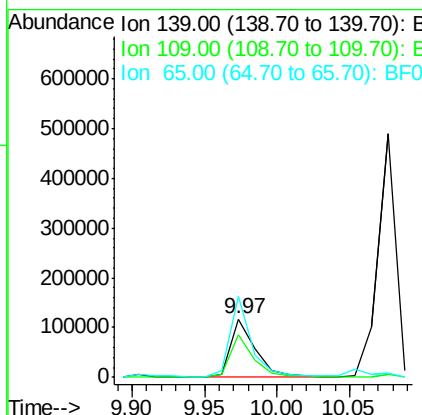
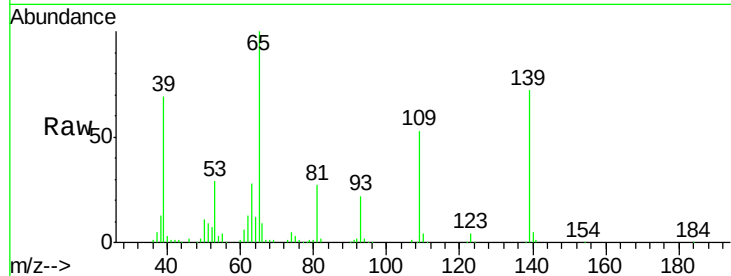
#55
4-Nitrophenol
Concen: 35.55 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141876		
109	73.5	55.1	95.1	
65	139.1	113.9	153.9	

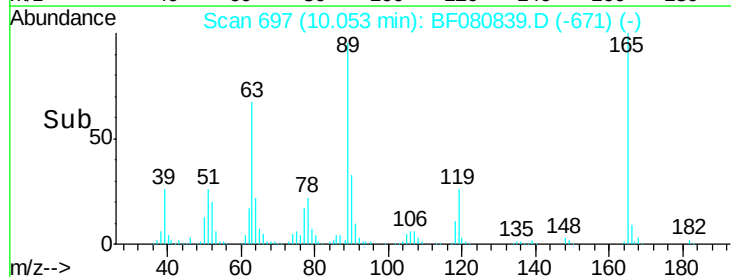
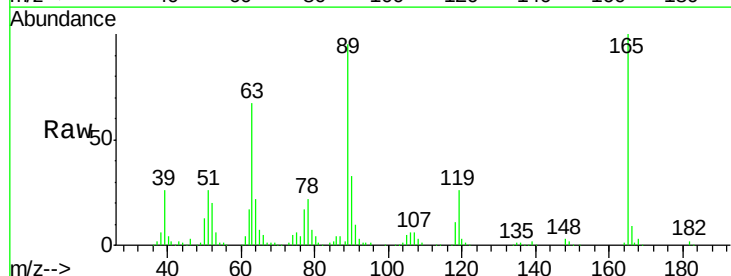
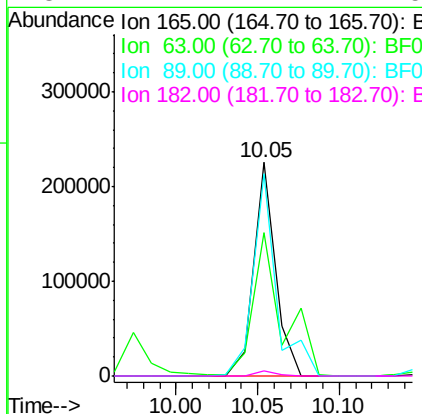
Manual Integrations
APPROVED

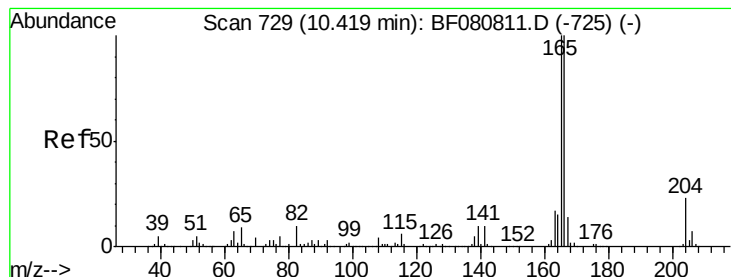
MMDadoda
8/5/2015 2:29:17 PM



#56
2,4-Dinitrotoluene
Concen: 34.21 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209246		
63	66.9	53.3	79.9	
89	94.8	73.5	110.3	
182	2.4	1.7	2.5	





#57

Fluorene

Concen: 39.31 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF080839.D

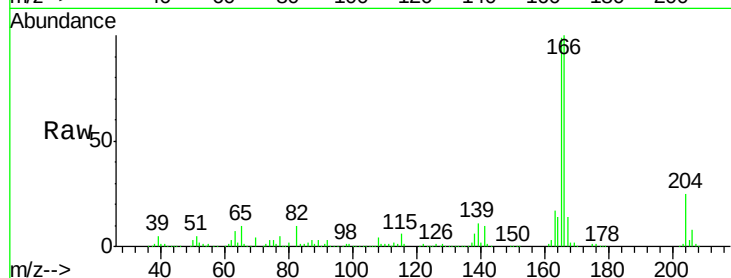
Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

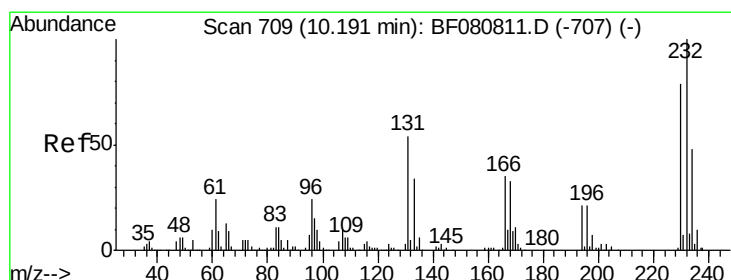
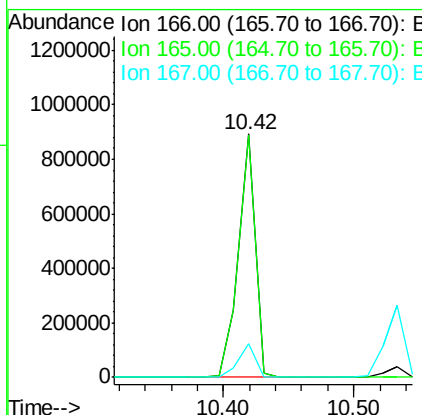
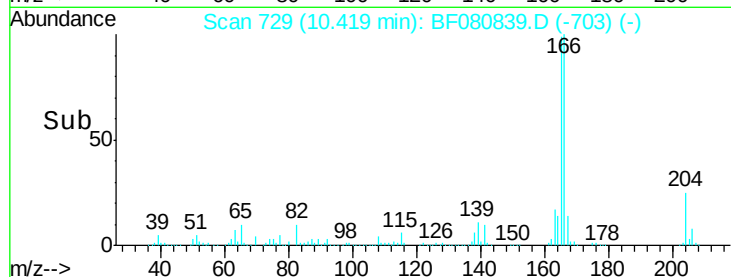
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	800444		
165	99.4	79.9	119.9	
167	13.8	10.8	16.2	

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#58

2,3,4,6-Tetrachlorophenol

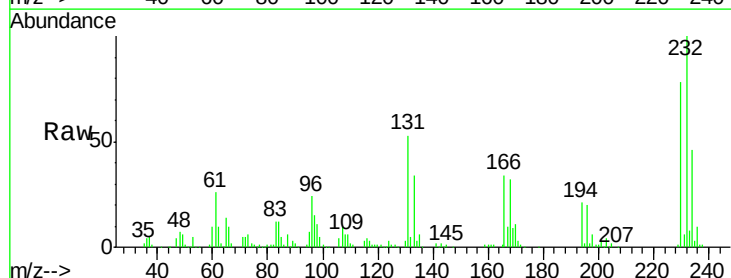
Concen: 38.87 ng

RT: 10.19 min Scan# 709

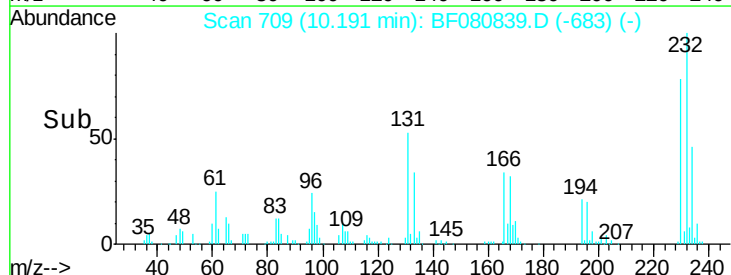
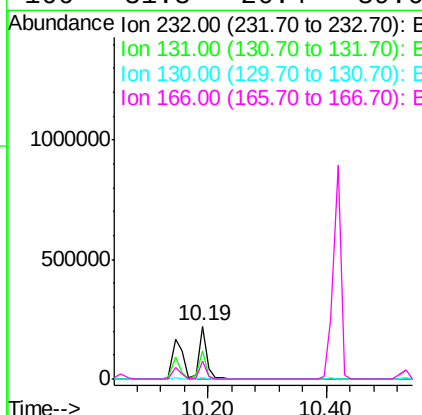
Delta R.T. 0.00 min

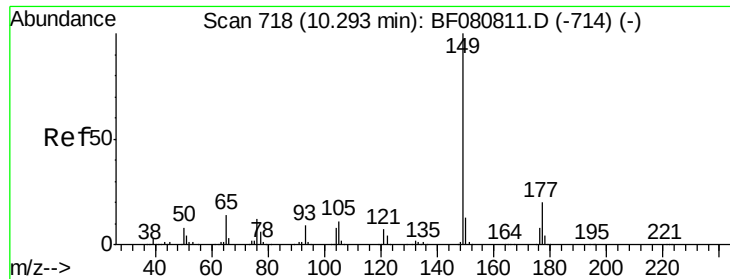
Lab File: BF080839.D

Acq: 4 Aug 2015 12:52



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	206970		
131	48.1	41.9	62.9	
130	2.4	2.0	3.0	
166	31.3	26.4	39.6	





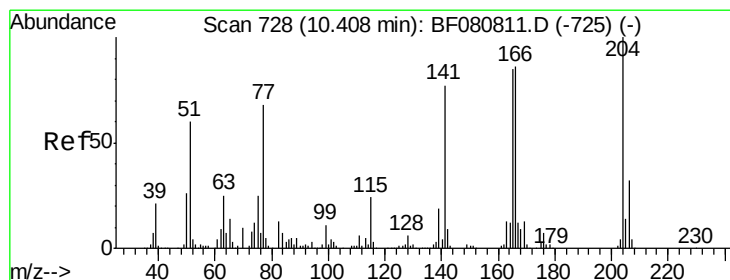
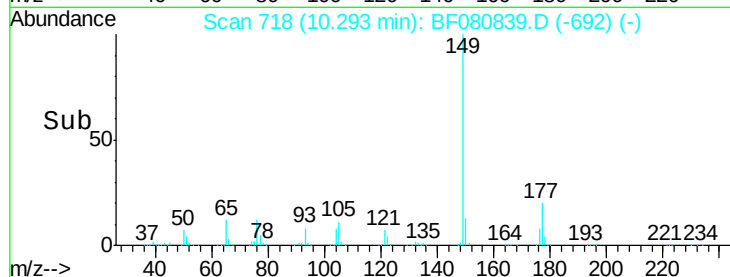
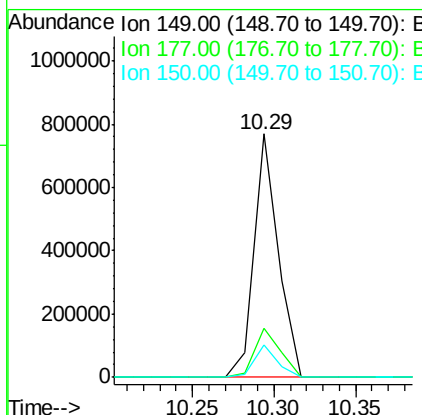
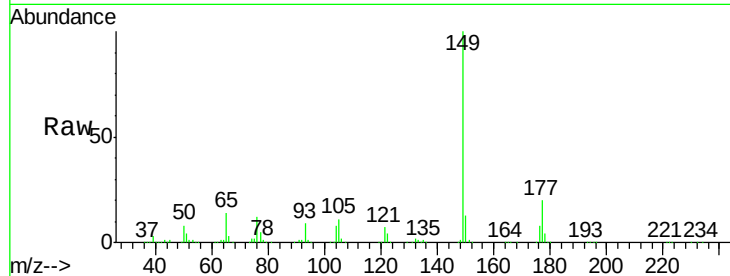
#59
Diethylphthalate
Concen: 36.91 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	794230		
177	20.3	16.2	24.2	
150	13.1	10.6	15.8	

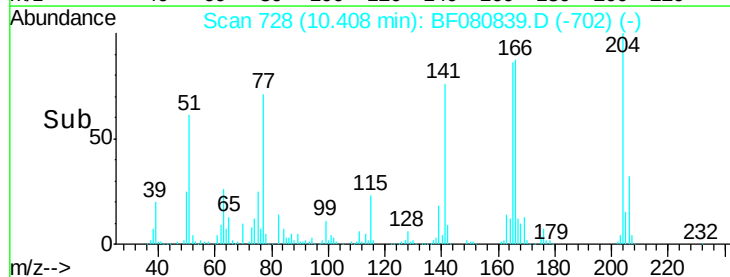
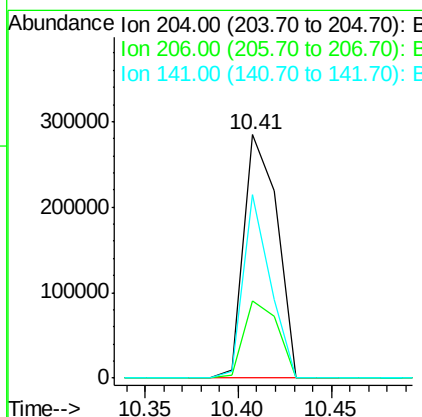
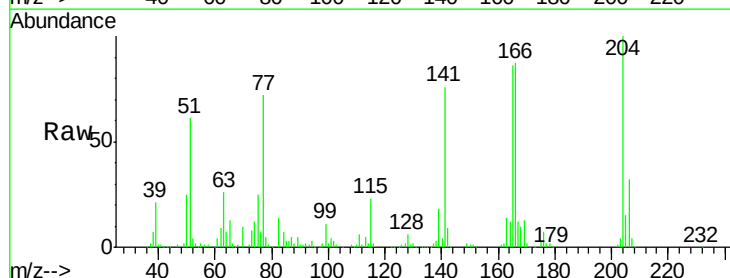
Manual Integrations
APPROVED

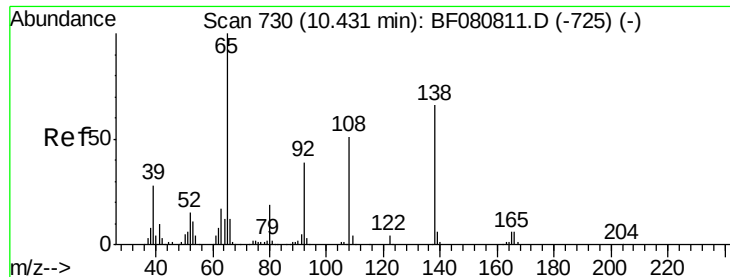
MMDadoda
8/5/2015 2:29:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	351824		
206	32.0	25.6	38.4	
141	75.5	61.2	91.8	





#61

4-Nitroaniline

Concen: 34.90 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

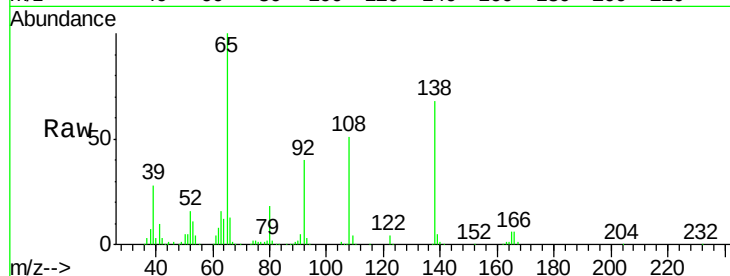
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	138	Resp:	180431
Ion Ratio	Lower	Upper	
138	100		
92	59.0	38.7	78.7
108	75.6	56.8	96.8

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM

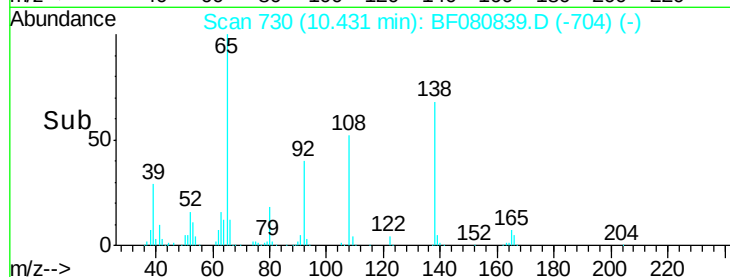


Abundance Ion 138.00 (137.70 to 138.70): E

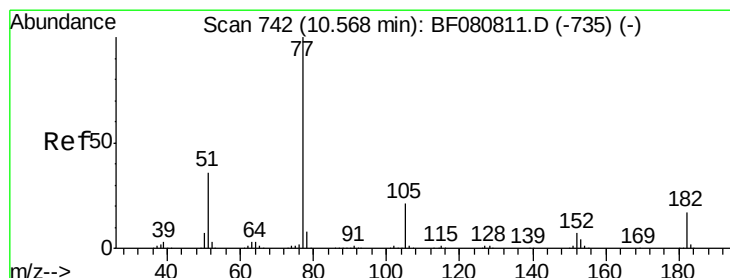
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 37.04 ng

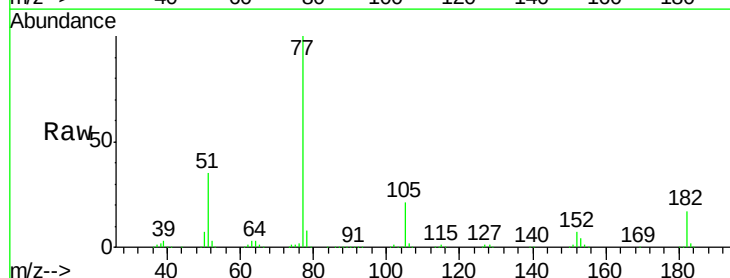
RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:	77	Resp:	922809
Ion Ratio	Lower	Upper	
77	100		
182	17.4	0.0	37.4
105	21.4	0.9	40.9
51	34.9	15.9	55.9



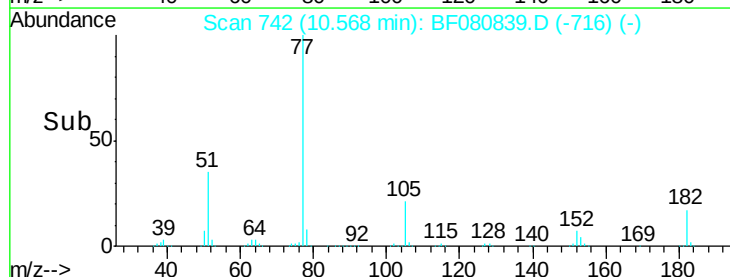
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

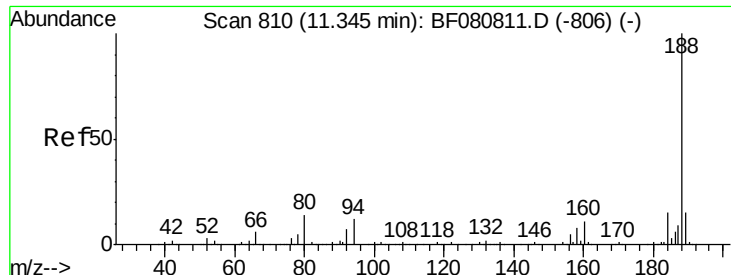
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



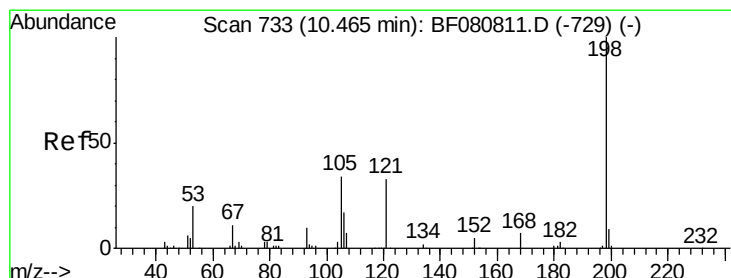
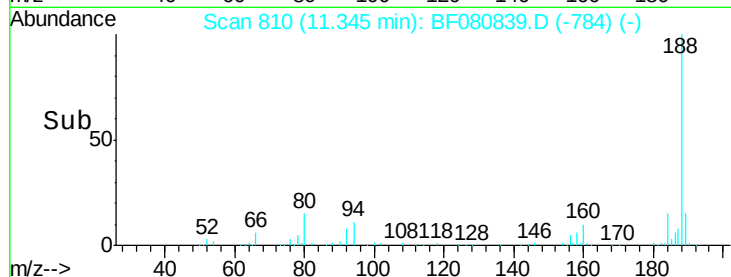
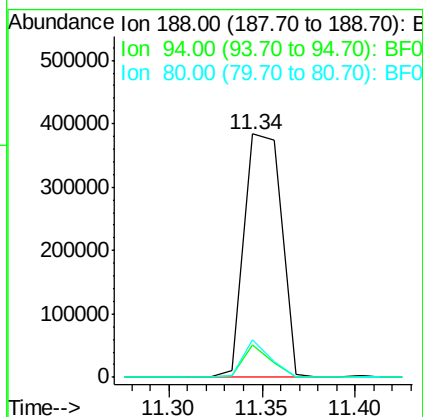
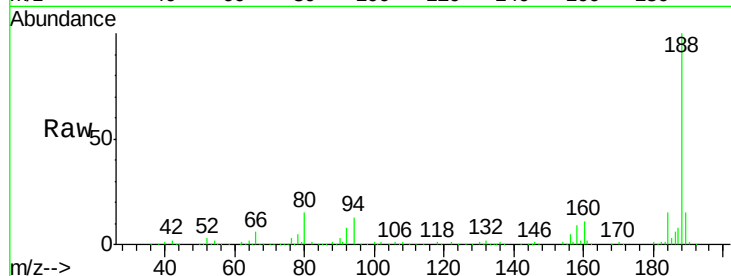
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	530789		
94	13.5		9.7	14.5
80	15.4		11.2	16.8

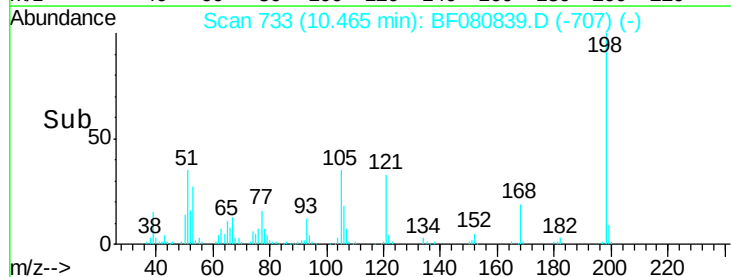
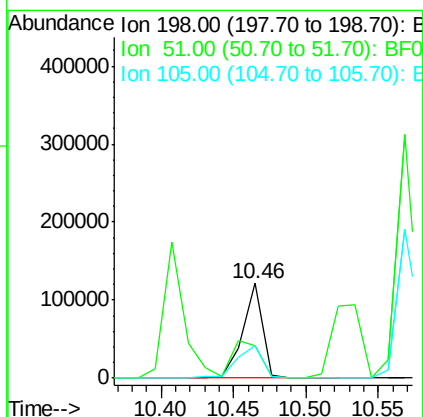
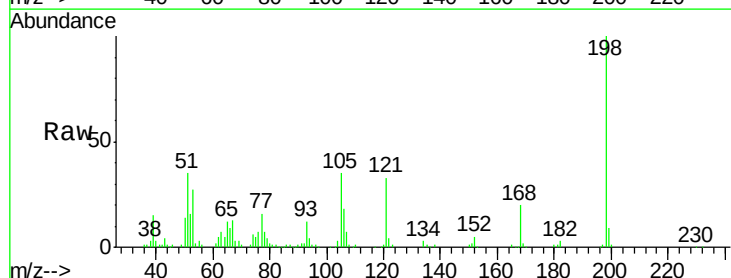
Manual Integrations
 APPROVED

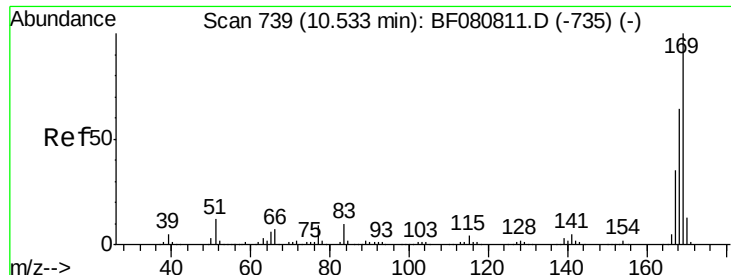
MMDadoda
 8/5/2015 2:29:17 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.99 ng
 RT: 10.46 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113655		
51	34.9		13.9	53.9
105	34.5		14.1	54.1





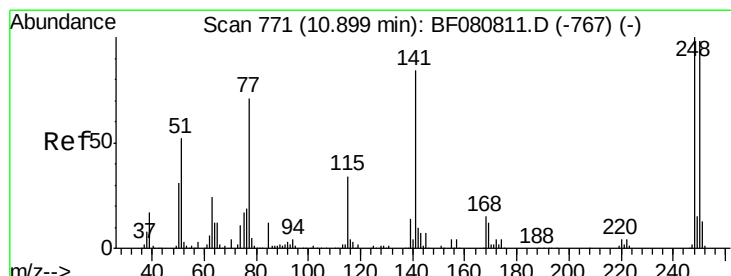
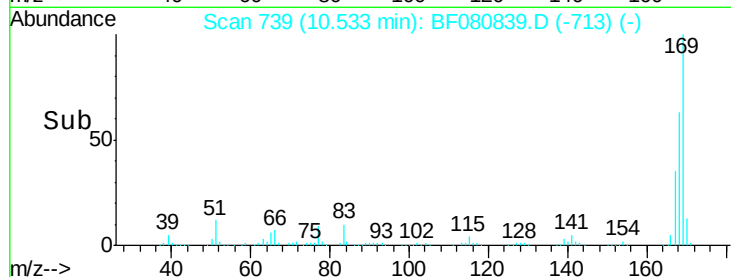
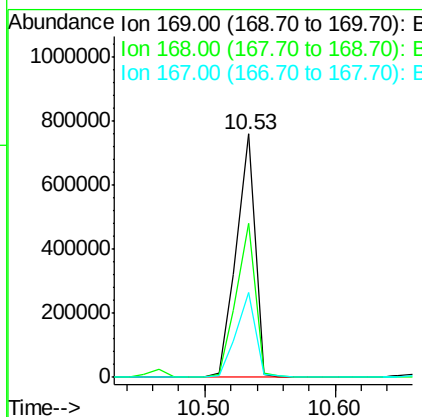
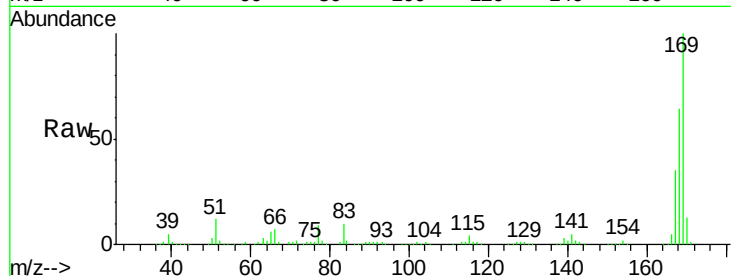
#65
 n-Nitrosodiphenylamine
 Concen: 40.96 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

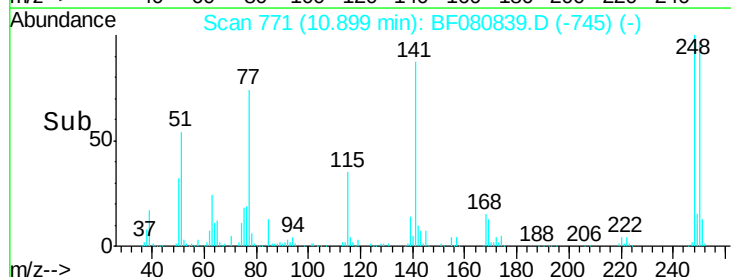
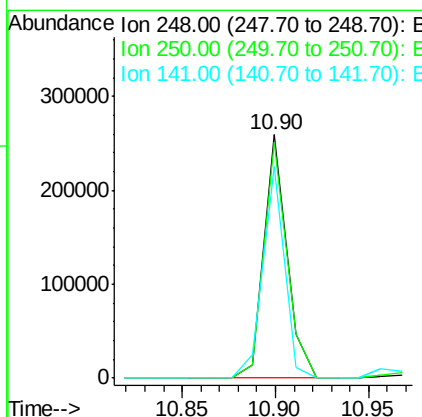
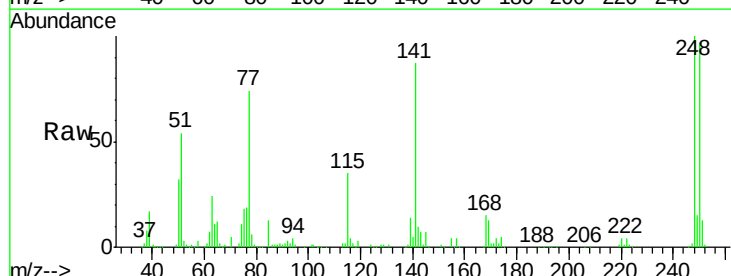
MMDadoda
 8/5/2015 2:29:17 PM

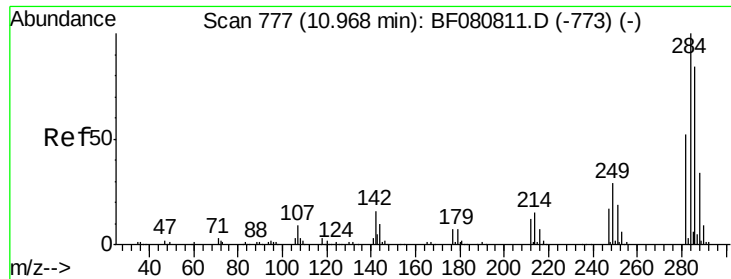
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	758166		
168	63.5	50.9	76.3	
167	34.7	27.7	41.5	



#66
 4-Bromophenyl-phenylether
 Concen: 37.78 ng
 RT: 10.90 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219965		
250	96.7	78.4	117.6	
141	87.0	67.3	100.9	





#67

Hexachlorobenzene

Concen: 41.25 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF080839.D

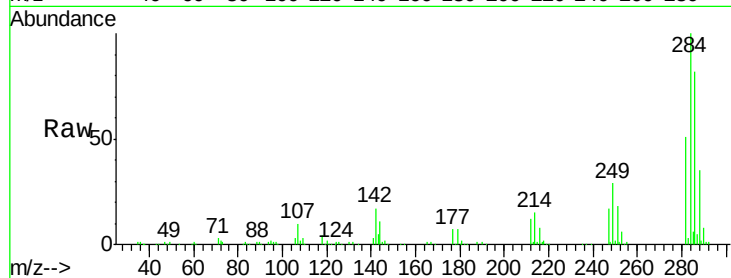
Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

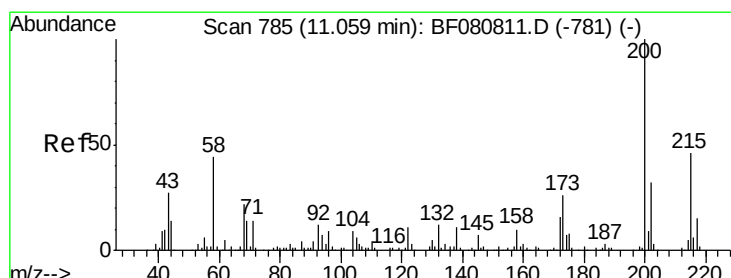
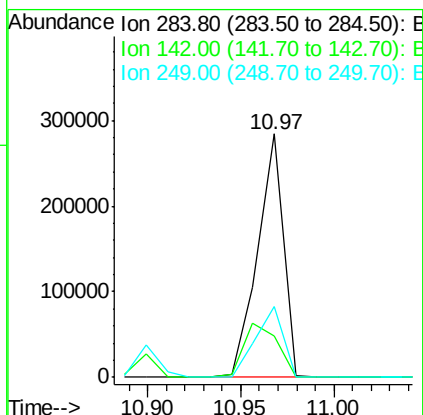
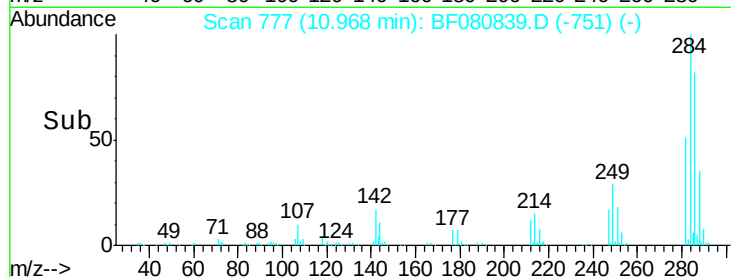
SSTDCCC040EC



Tgt Ion:	284	Resp:	271056
Ion Ratio	Lower	Upper	
284	100		
142	16.9	13.0	19.4
249	28.9	22.9	34.3

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#68

Atrazine

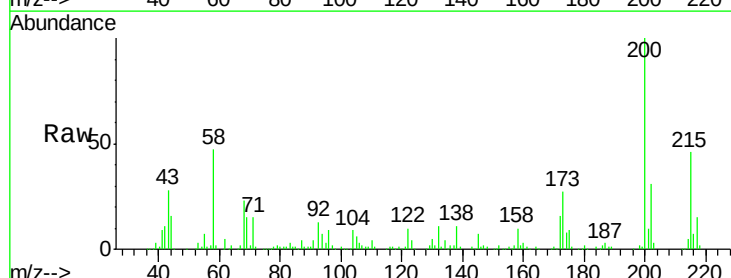
Concen: 46.75 ng

RT: 11.06 min Scan# 785

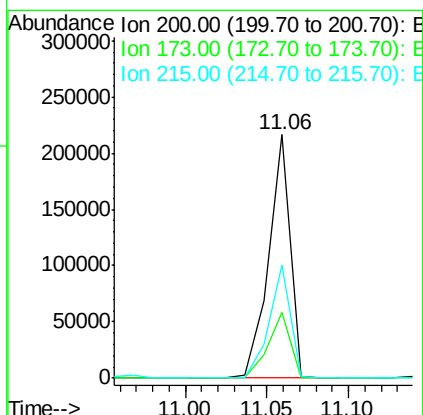
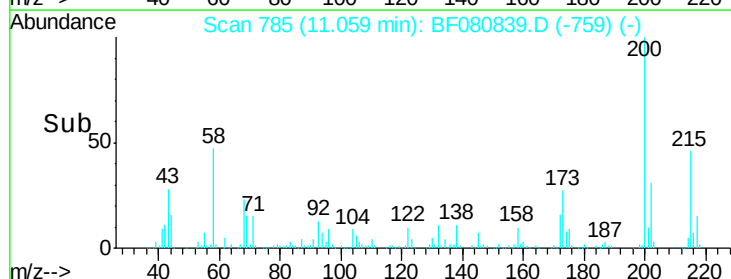
Delta R.T. 0.00 min

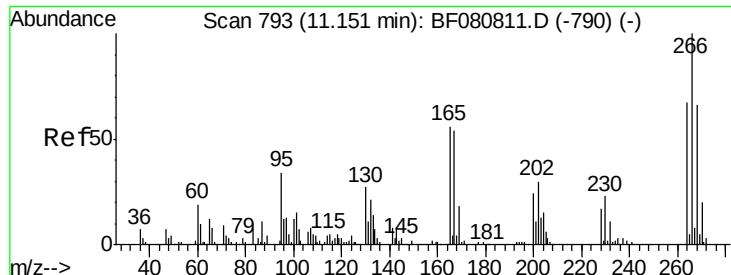
Lab File: BF080839.D

Acq: 4 Aug 2015 12:52



Tgt Ion:	200	Resp:	198373
Ion Ratio	Lower	Upper	
200	100		
173	26.9	6.0	46.0
215	46.4	26.4	66.4





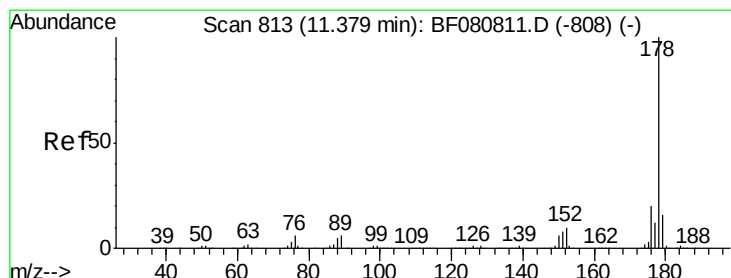
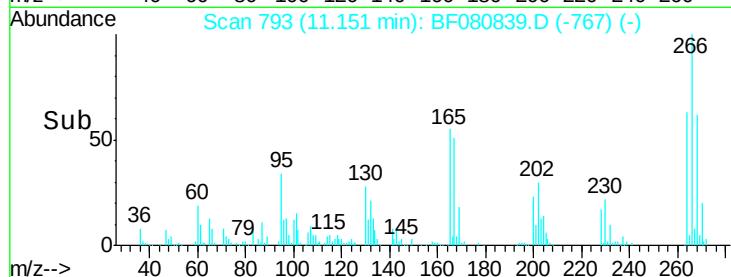
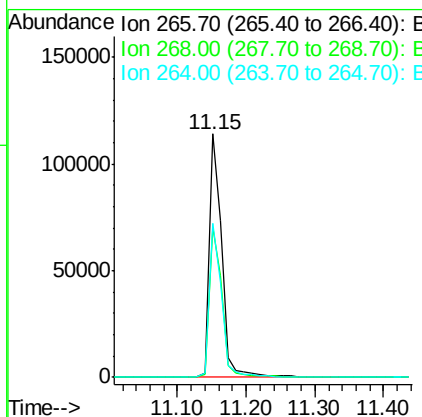
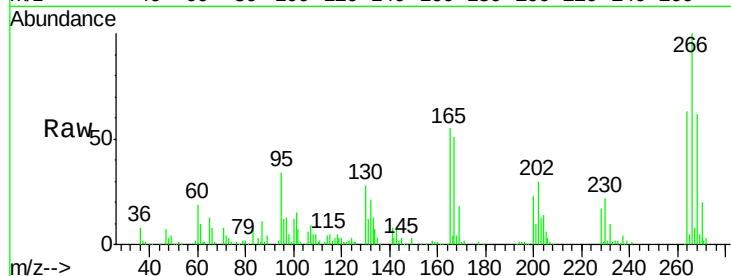
#69
 Pentachlorophenol
 Concen: 41.30 ng
 RT: 11.15 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	145965		
268	61.5	52.7	79.1	
264	63.4	53.4	80.0	

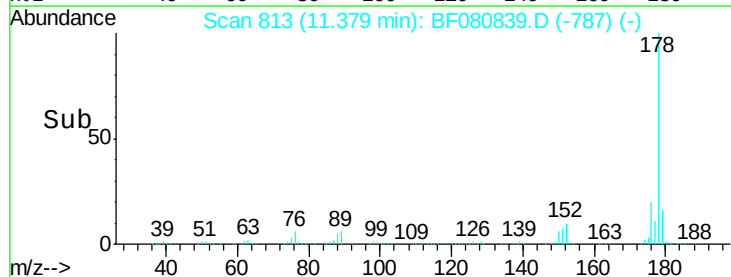
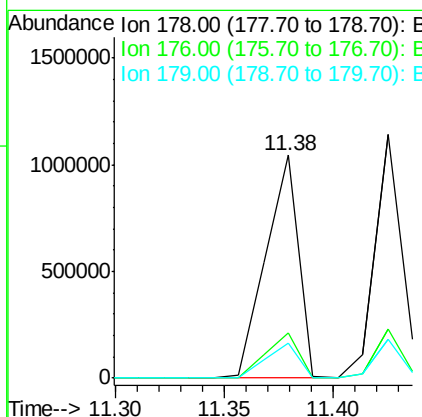
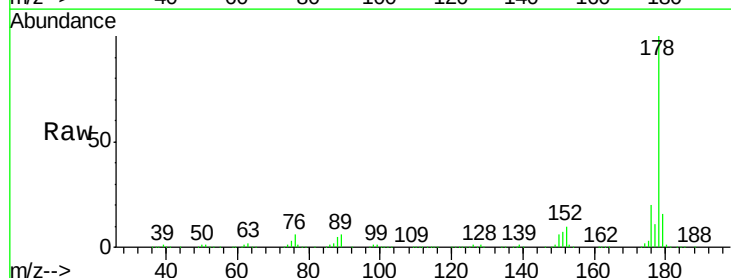
Manual Integrations
 APPROVED

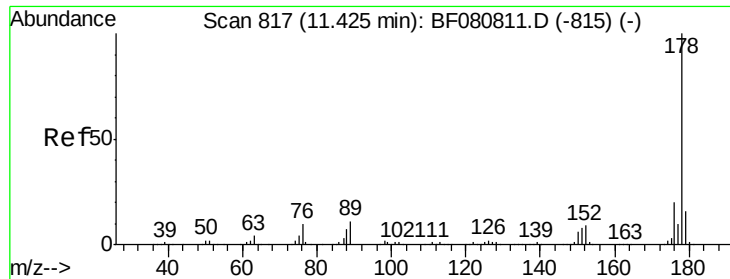
MMDadoda
 8/5/2015 2:29:17 PM



#70
 Phenanthrene
 Concen: 39.93 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1103143		
176	20.1	16.3	24.5	
179	15.8	12.6	19.0	





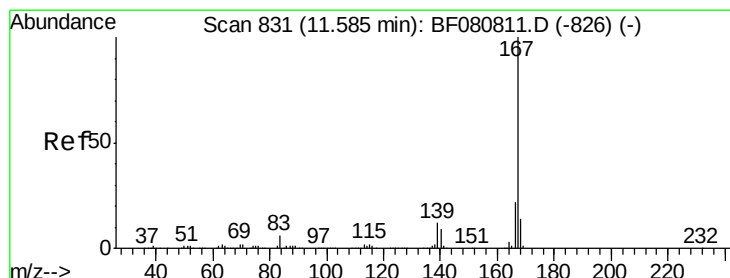
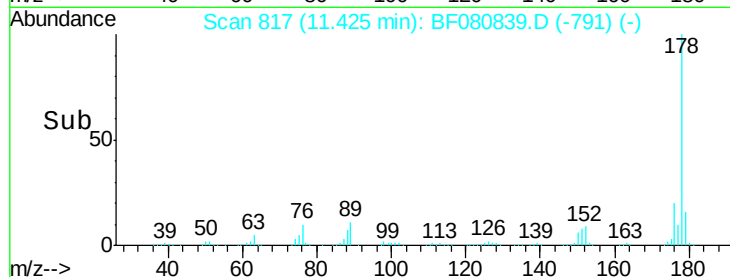
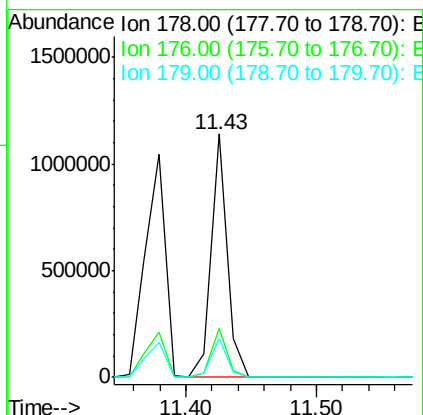
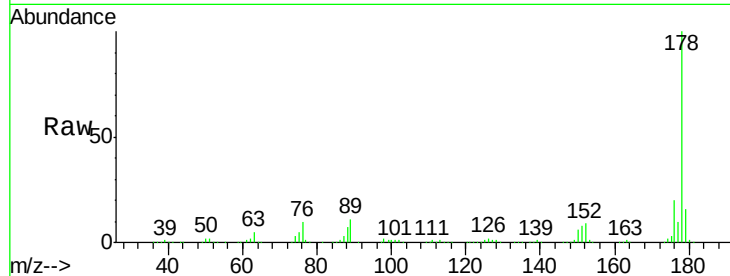
#71
 Anthracene
 Concen: 36.01 ng
 RT: 11.43 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	986504		
176	20.0	15.8	23.8	
179	16.1	13.0	19.4	

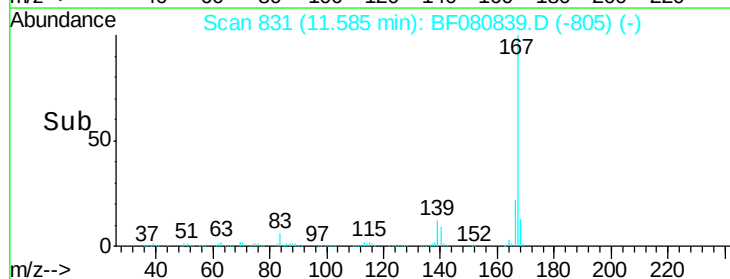
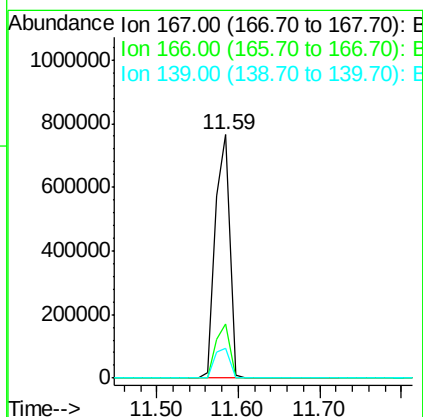
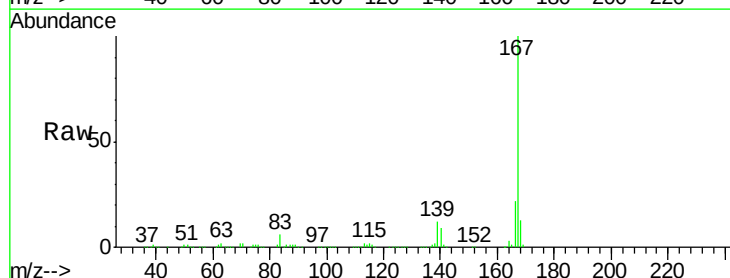
Manual Integrations
 APPROVED

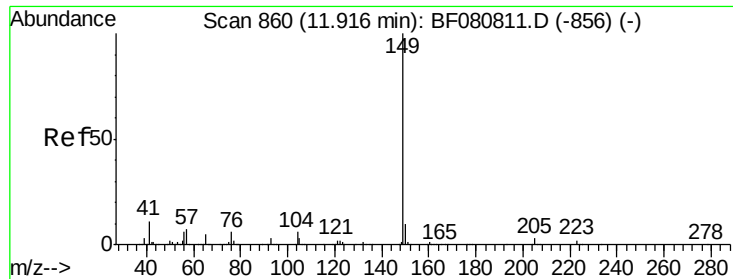
MMDadoda
 8/5/2015 2:29:17 PM



#72
 Carbazole
 Concen: 40.05 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	938504		
166	22.0	18.0	27.0	
139	12.1	9.6	14.4	





#73

Di-n-butylphthalate

Concen: 40.63 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

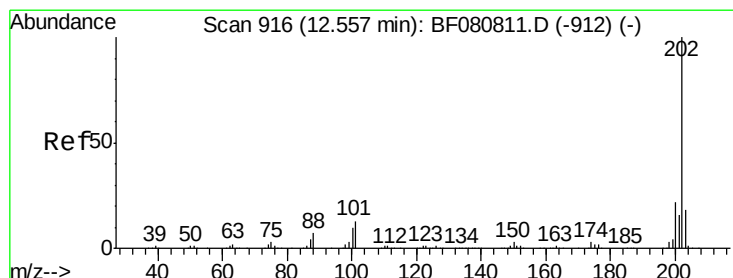
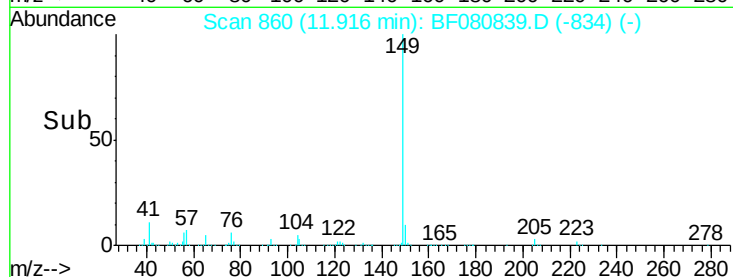
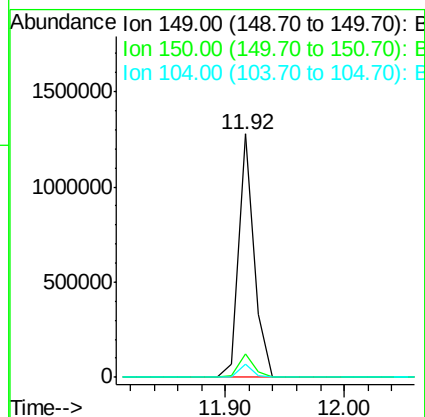
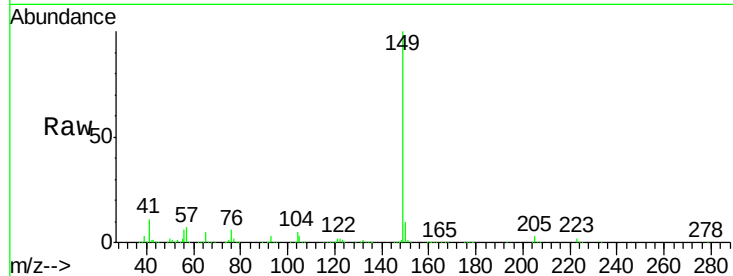
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM

Tgt Ion:	149	Resp:	1152788
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	5.4	4.6	6.8



#74

Fluoranthene

Concen: 36.90 ng

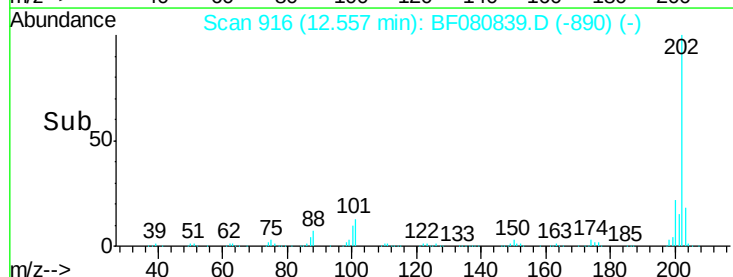
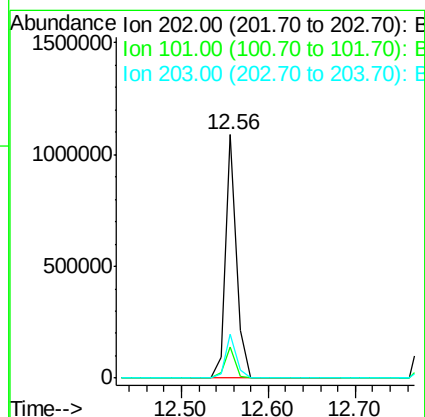
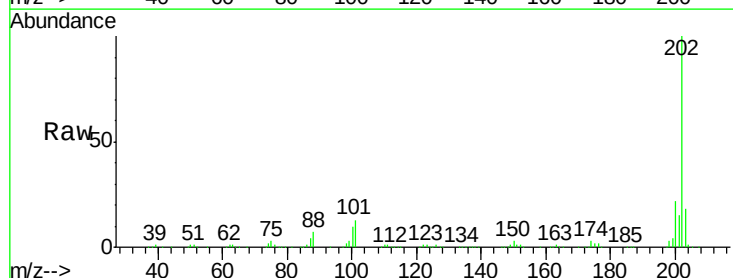
RT: 12.56 min Scan# 916

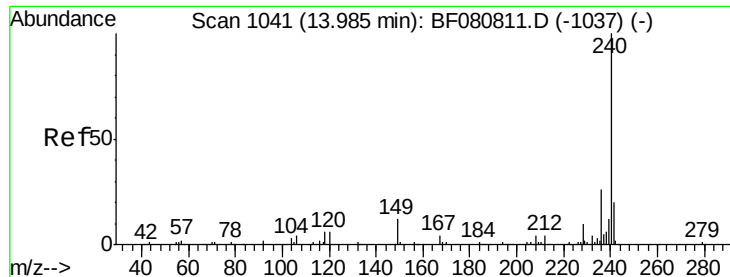
Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion:	202	Resp:	967728
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.0
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:240 Resp: 393173

Ion Ratio Lower Upper

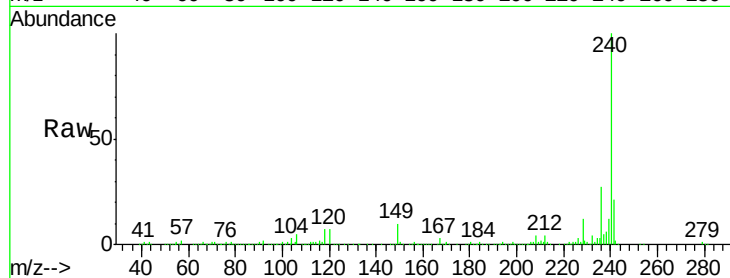
240 100

120 7.5 5.0 7.4#

236 26.8 20.8 31.2

Manual Integrations
APPROVED

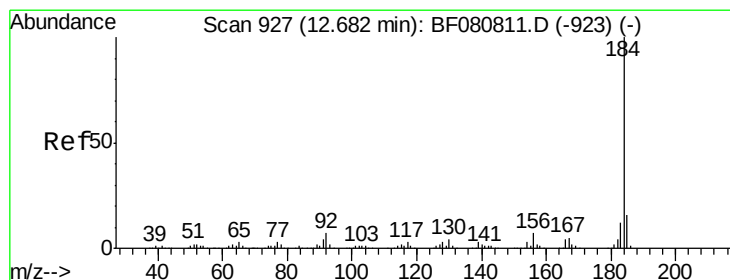
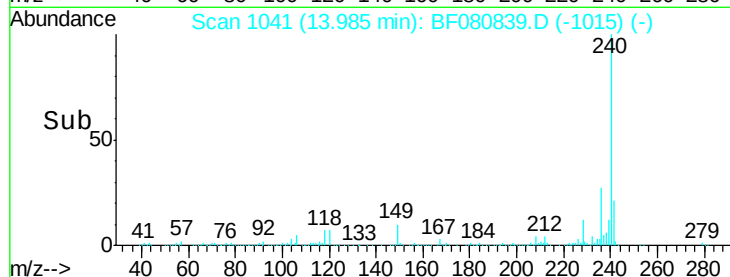
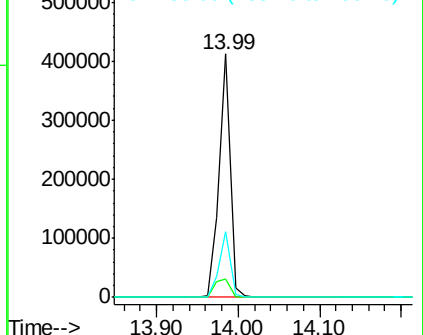
MMDadoda
8/5/2015 2:29:17 PM



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



#76

Benzidine

Concen: 46.86 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

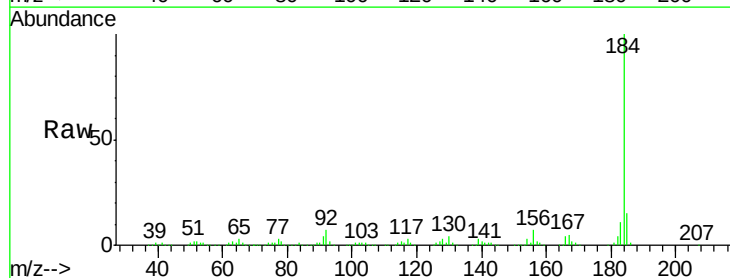
Tgt Ion:184 Resp: 543327

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

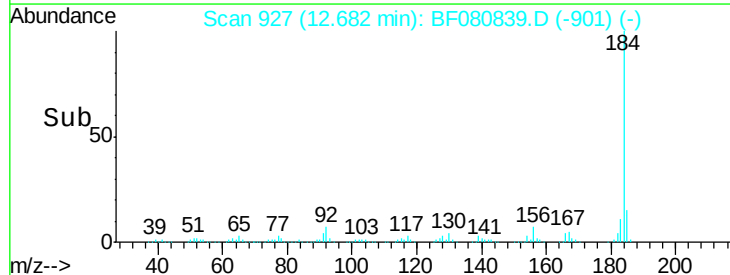
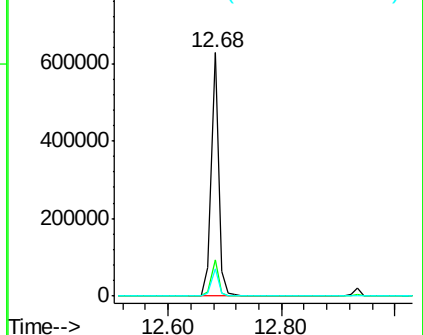
183 11.4 9.3 13.9

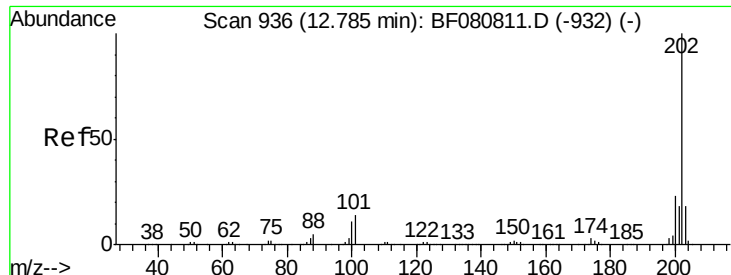


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





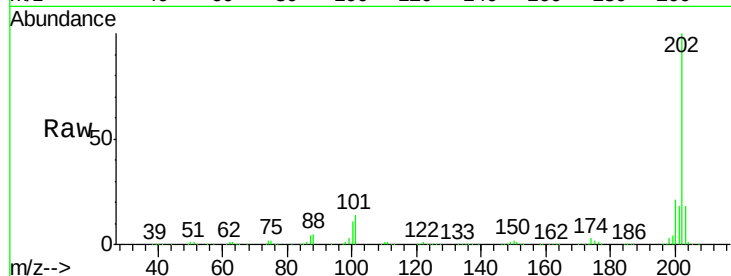
#77
Pyrene
 Concen: 35.35 ng
 RT: 12.79 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

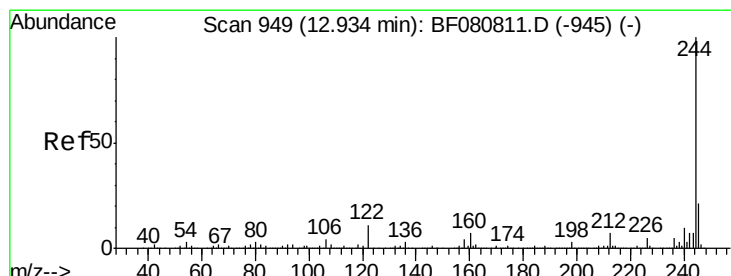
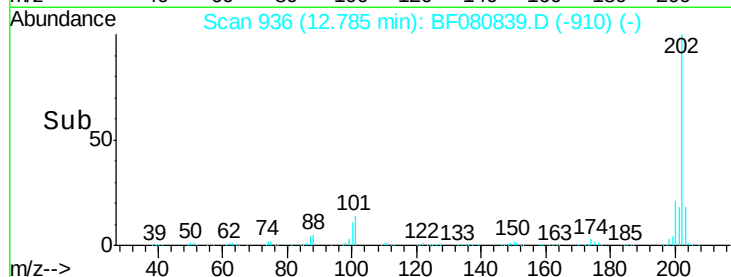
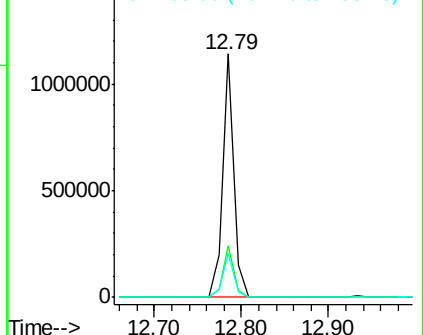
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.2	27.4
203	18.2	14.8	22.2

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:17 PM

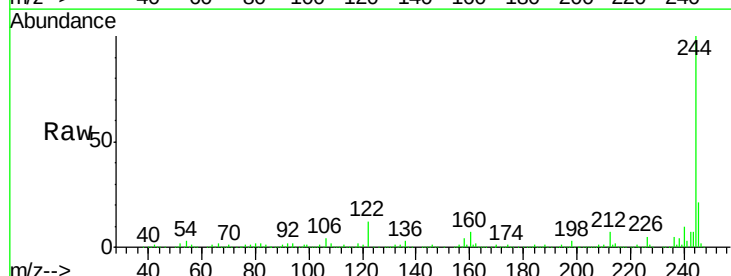


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

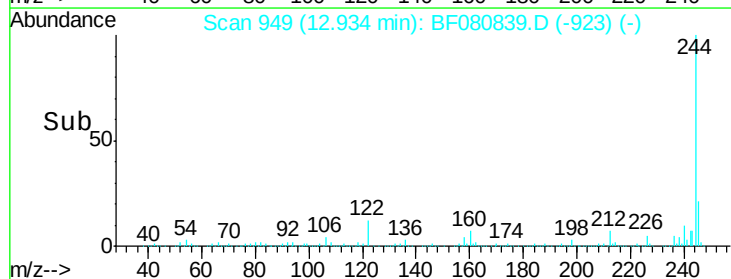
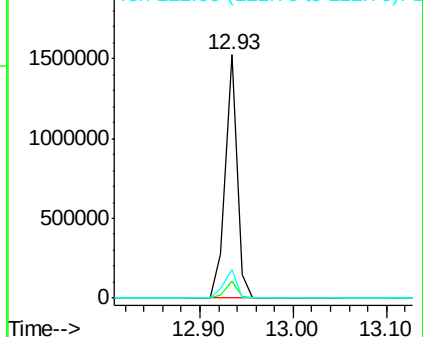


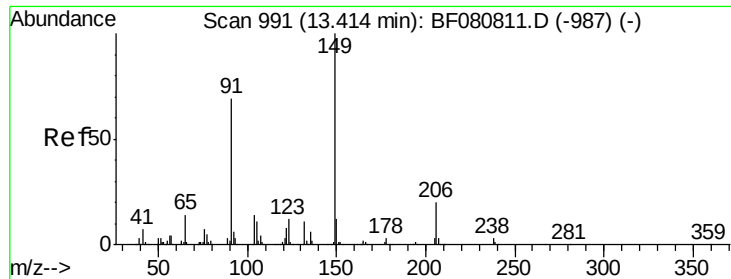
#78
Terphenyl-d14
 Concen: 68.45 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	9.1	13.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





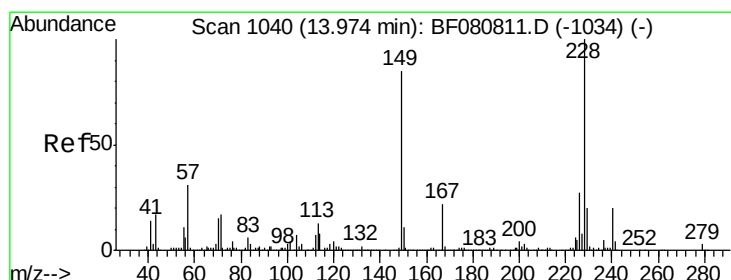
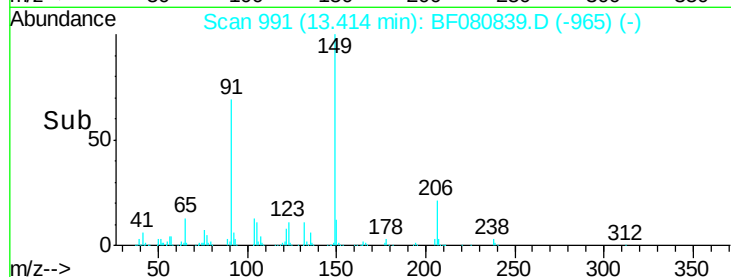
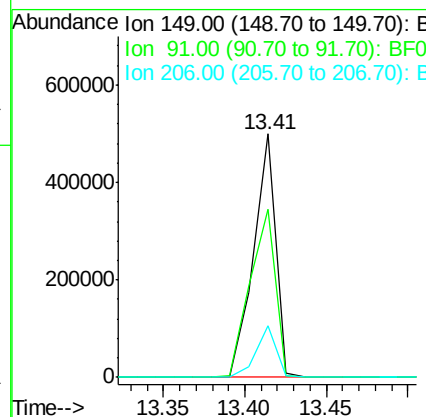
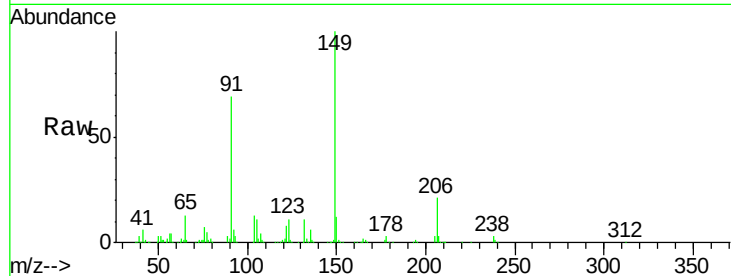
#79
Butylbenzylphthalate
Concen: 41.01 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469701		
91	69.1	55.4	83.2	
206	21.0	15.8	23.6	

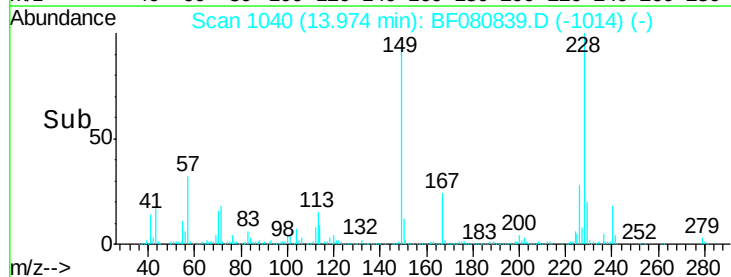
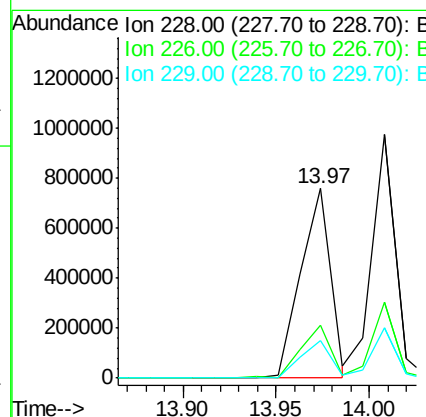
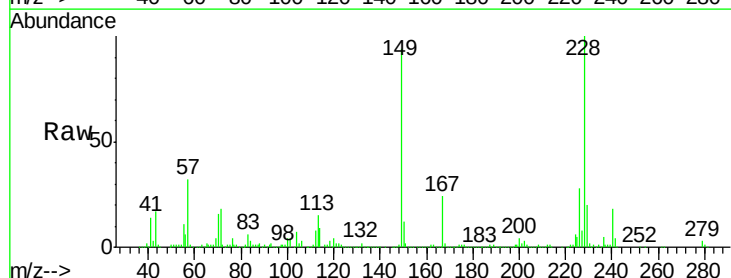
Manual Integrations
APPROVED

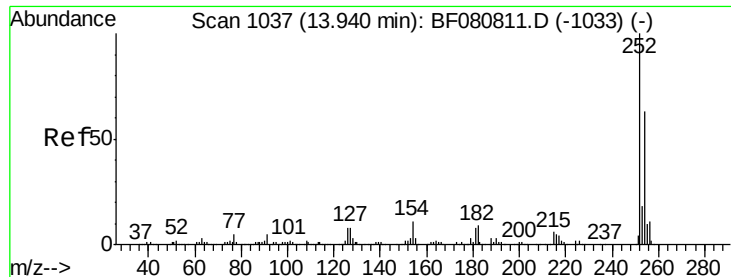
MMDadoda
8/5/2015 2:29:17 PM



#80
Benzo(a)anthracene
Concen: 38.09 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	848582		
226	28.2	21.6	32.4	
229	20.0	15.7	23.5	





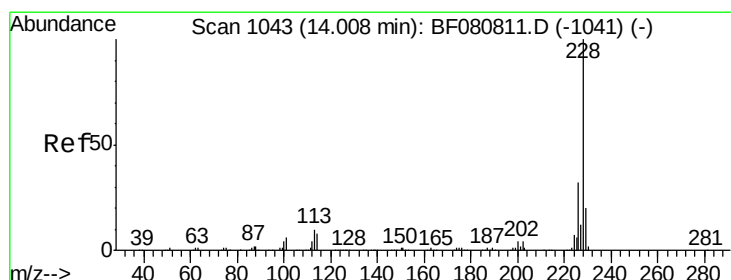
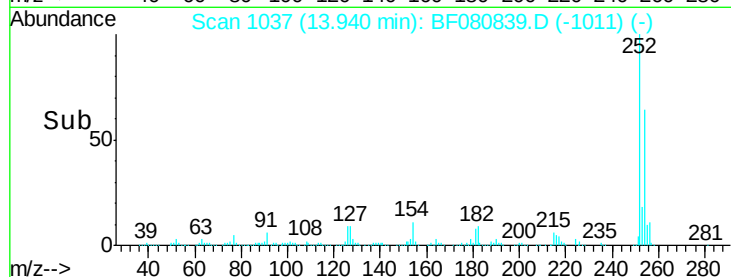
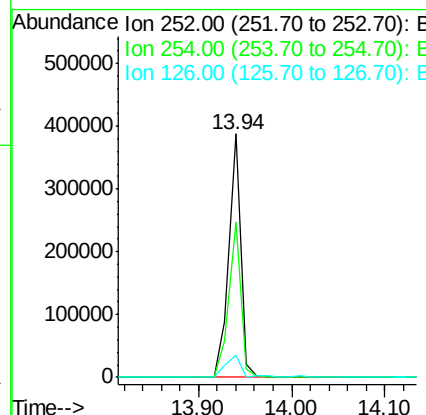
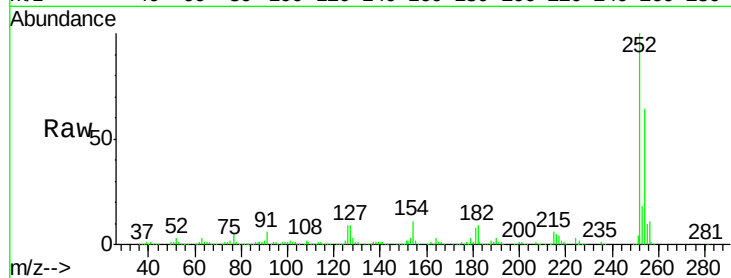
#81
 3,3'-Dichlorobenzidine
 Concen: 43.76 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	346921		
254	63.7	50.1	75.1	
126	8.8	6.2	9.4	

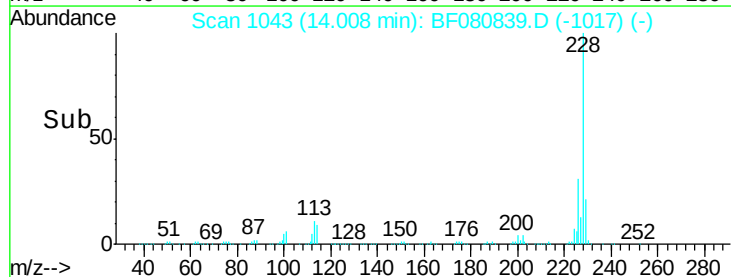
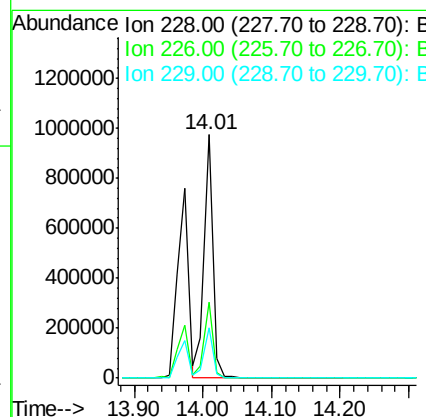
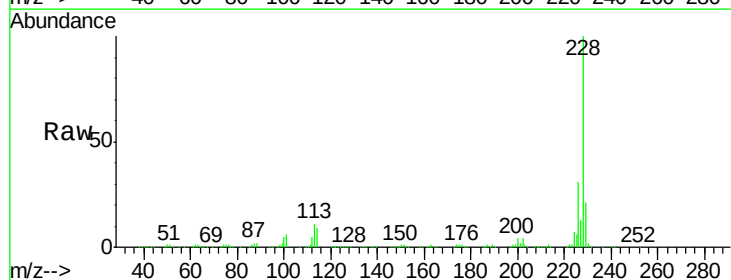
Manual Integrations
 APPROVED

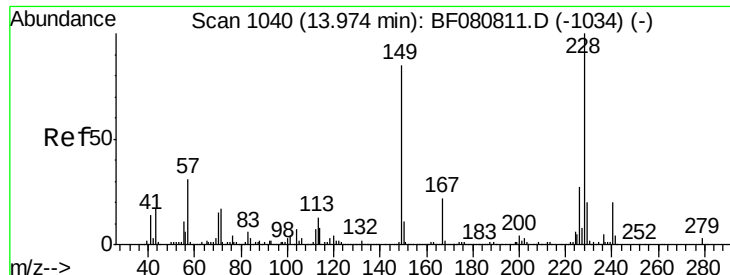
MMDadoda
 8/5/2015 2:29:17 PM



#82
 Chrysene
 Concen: 39.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	849639		
226	31.3	25.0	37.6	
229	20.6	16.1	24.1	





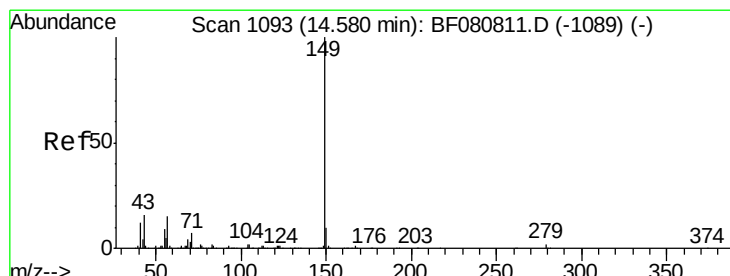
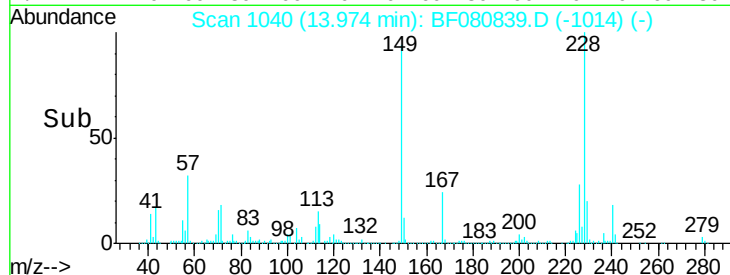
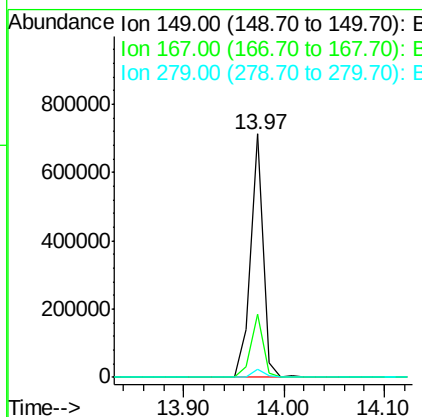
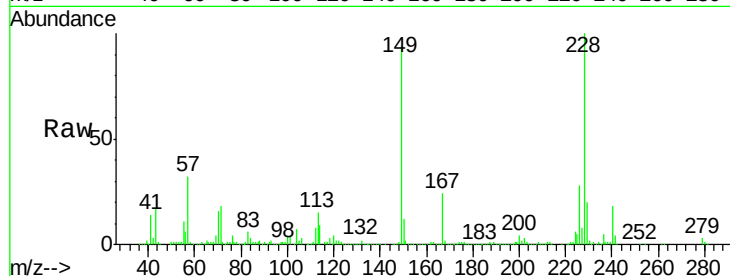
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.94 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	620838		
167	26.0		20.4	30.6
279	3.2		2.4	3.6

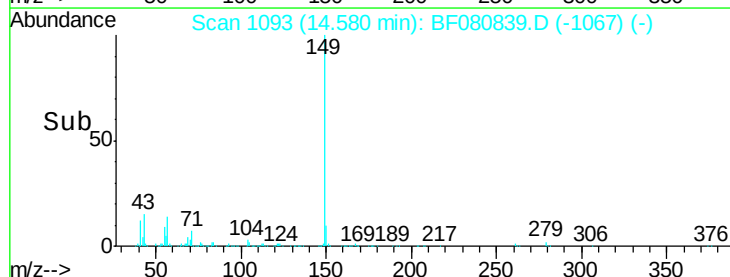
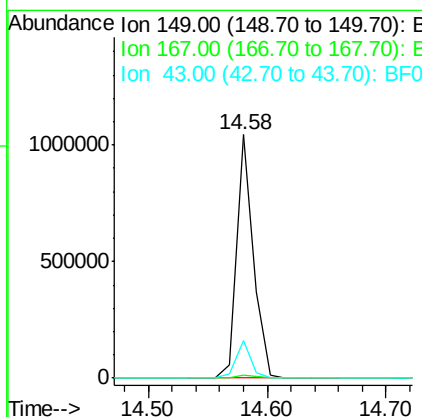
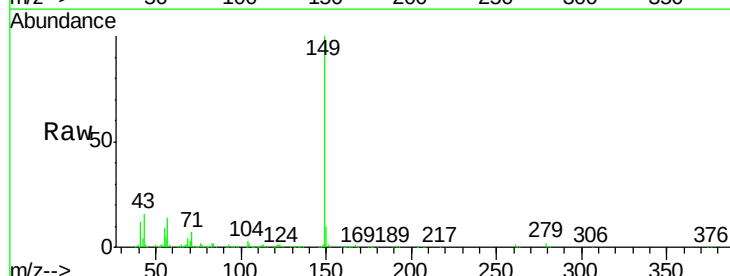
Manual Integrations
 APPROVED

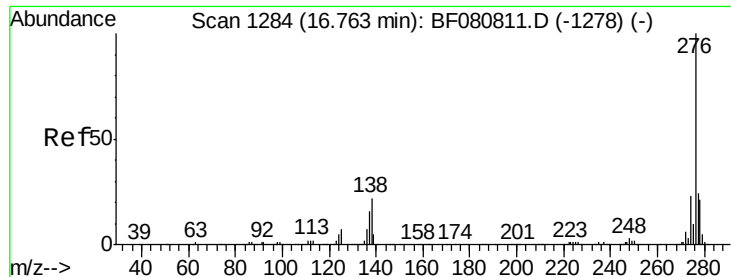
MMDadoda
 8/5/2015 2:29:17 PM



#84
 Di-n-octyl phthalate
 Concen: 45.82 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1023598		
167	1.5		1.1	1.7
43	14.1		11.8	17.8





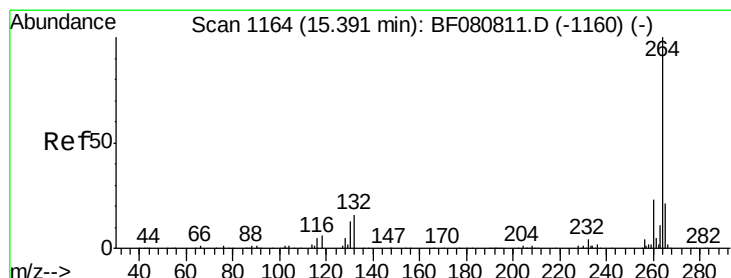
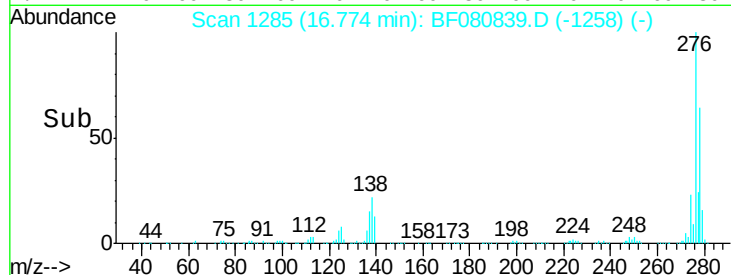
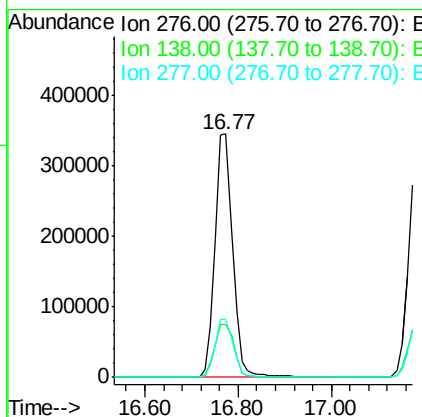
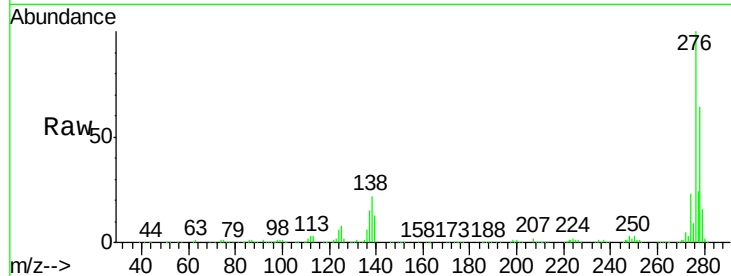
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.86 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	913829		
138	24.5	18.6	27.8	
277	24.6	20.1	30.1	

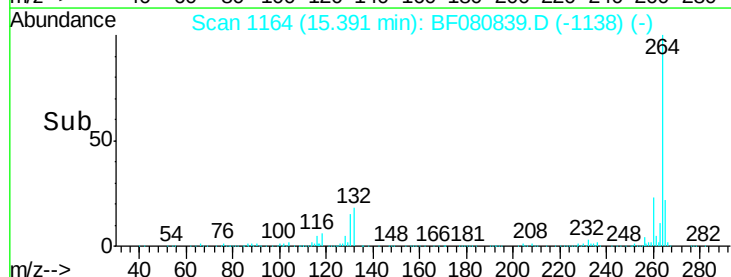
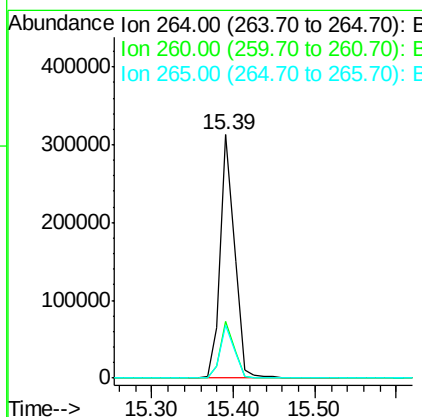
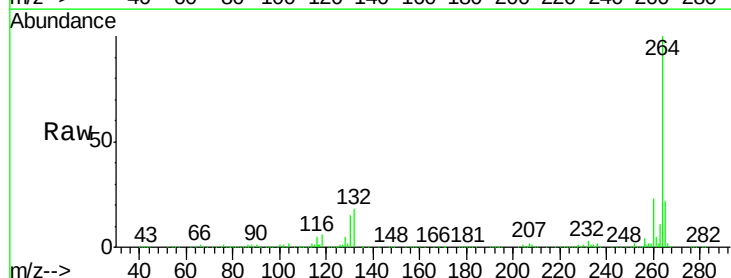
Manual Integrations
 APPROVED

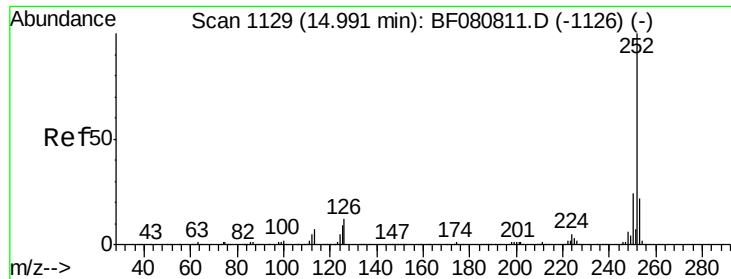
MMDadoda
 8/5/2015 2:29:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	378962		
260	23.1	18.3	27.5	
265	21.9	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 35.90 ng m

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF080839.D

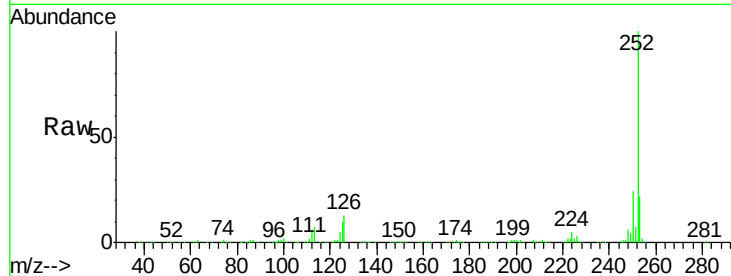
Acq: 4 Aug 2015 12:52

Instrument :

BNA_F

ClientSampleId :

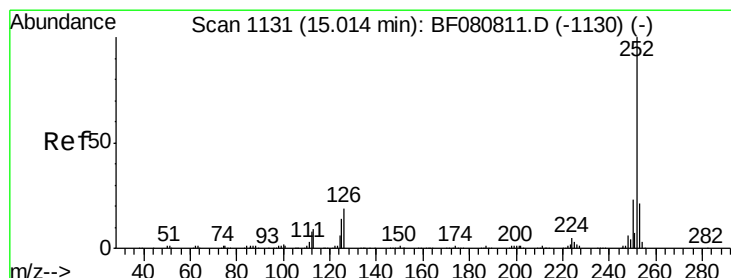
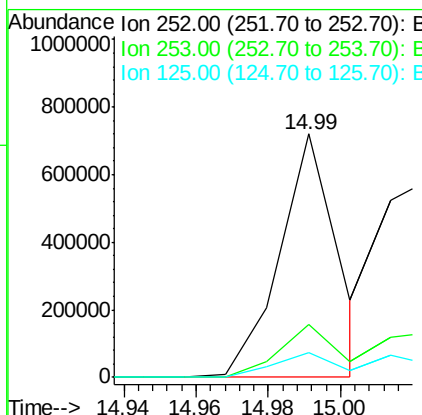
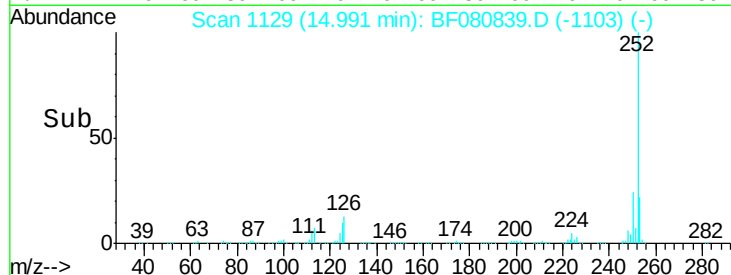
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	796980		
253	22.0	17.5	26.3	
125	9.9	7.4	11.0	

Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:17 PM



#88

Benzo(k)fluoranthene

Concen: 41.27 ng m

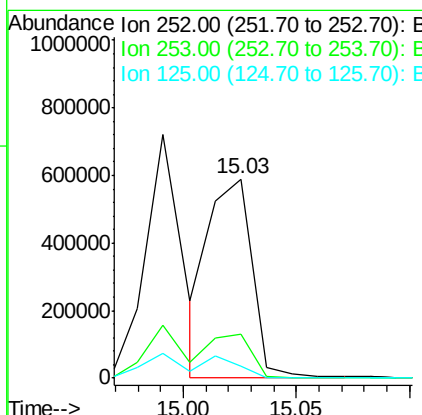
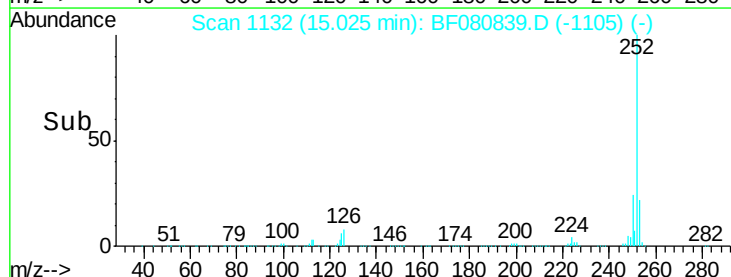
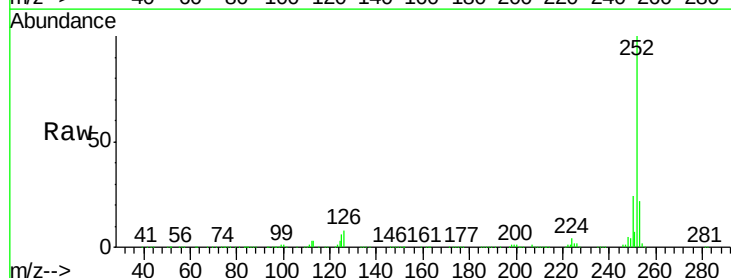
RT: 15.03 min Scan# 1132

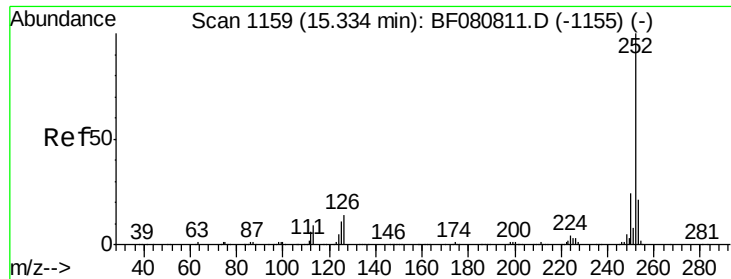
Delta R.T. 0.01 min

Lab File: BF080839.D

Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	799693		
253	21.9	17.4	26.0	
125	5.8	9.9	14.9#	





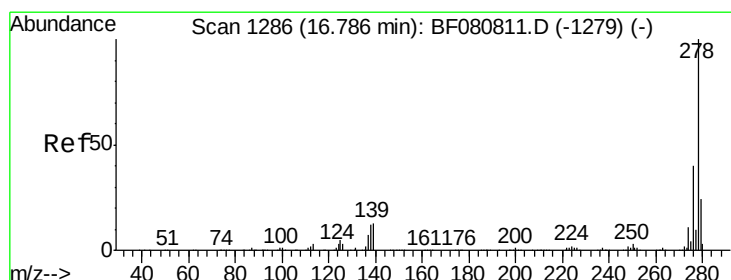
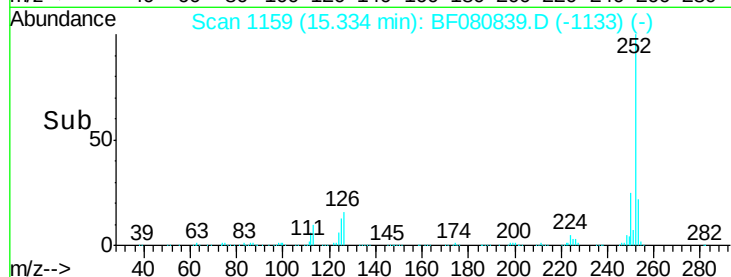
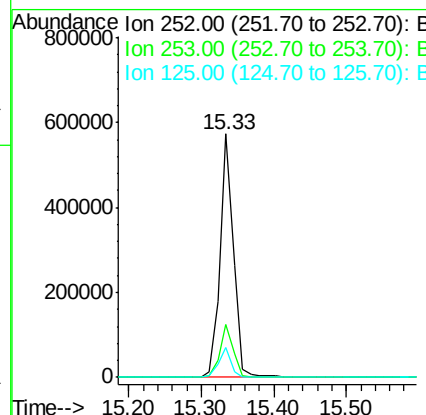
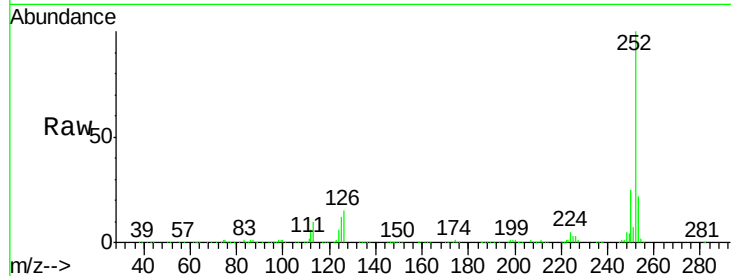
#89
Benzo(a)pyrene
Concen: 38.94 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	737771		
253	22.0		17.2	25.8
125	12.4		8.9	13.3

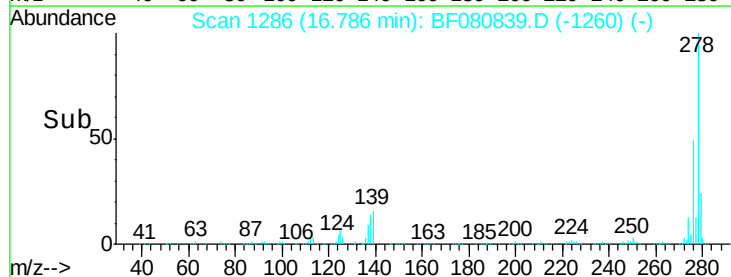
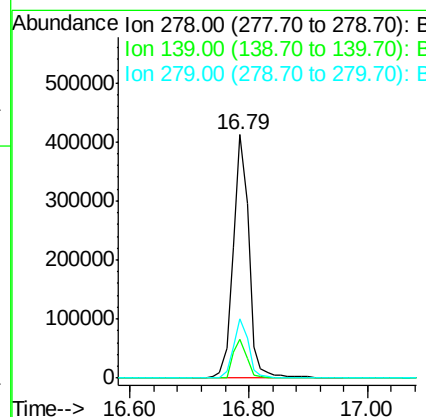
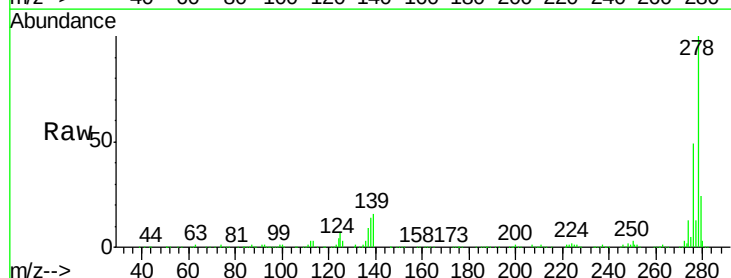
Manual Integrations
APPROVED

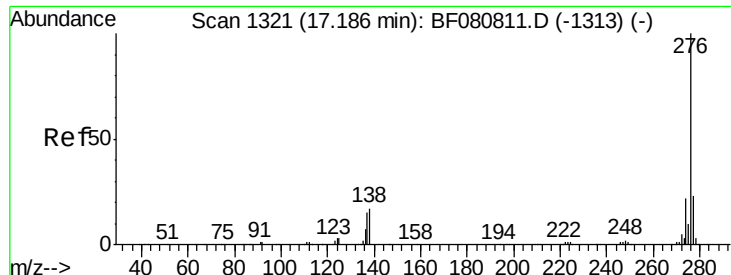
MMDadoda
8/5/2015 2:29:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.97 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF080839.D
Acq: 4 Aug 2015 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	753162		
139	15.9		10.7	16.1
279	24.4		19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 39.09 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF080839.D
 Acq: 4 Aug 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		751126		
277	24.3	18.6	27.8		
138	21.0	13.3	19.9		

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:17 PM

