

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080937.D
 Acq On : 7 Aug 2015 20:29
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM

Quant Time: Aug 08 06:01:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53614	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	221366	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	111237	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	216850	20.00	ng	0.00
75) Chrysene-d12	13.96	240	160080	20.00	ng	0.00
86) Perylene-d12	15.36	264	138757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	280231	85.40	ng	0.01
7) Phenol-d6	6.44	99	382341	85.03	ng	0.00
23) Nitrobenzene-d5	7.38	82	384900	82.25	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	102155	83.59	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	587461	74.35	ng	0.00
78) Terphenyl-d14	12.91	244	692550	89.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	63441	40.76	ng	99
3) Pyridine	3.02	79	194589	44.09	ng	96
4) n-Nitrosodimethylamine	2.98	42	96967	43.04	ng	97
6) Aniline	6.46	93	262456	39.73	ng	99
8) 2-Chlorophenol	6.59	128	163357	43.02	ng	98
9) Benzaldehyde	6.35	77	125000	41.24	ng	100
10) Phenol	6.45	94	242760	45.50	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	153474	38.53	ng	99
12) 1,3-Dichlorobenzene	6.75	146	172644	42.84	ng	98
13) 1,4-Dichlorobenzene	6.83	146	167042	39.89	ng	100
14) 1,2-Dichlorobenzene	6.98	146	162570	42.95	ng	99
15) Benzyl Alcohol	6.96	79	146823	39.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	314337	39.22	ng	98
17) 2-Methylphenol	7.07	107	134120	41.38	ng	98
18) Hexachloroethane	7.32	117	64979	40.50	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	133827	40.72	ng	99
20) 3+4-Methylphenols	7.22	107	158161	38.85	ng	97
22) Acetophenone	7.22	105	208282	38.40	ng	99
24) Nitrobenzene	7.39	77	173198	35.94	ng	99
25) Isophorone	7.64	82	366180	40.69	ng	99
26) 2-Nitrophenol	7.71	139	81893	40.39	ng	95
27) 2,4-Dimethylphenol	7.76	122	162590	42.83	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	190815	35.32	ng	98
29) 2,4-Dichlorophenol	7.95	162	124761	40.00	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	139652	40.96	ng	99
31) Naphthalene	8.12	128	500898	41.05	ng	99
32) Benzoic acid	7.87	122	100208	44.10	ng	91
33) 4-Chloroaniline	8.17	127	206371	41.62	ng	99
34) Hexachlorobutadiene	8.24	225	77027	37.97	ng	97
35) Caprolactam	8.54	113	47027	41.91	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	148991	39.14	ng	96
37) 2-Methylnaphthalene	8.81	142	311134	40.06	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136419	39.78	ng	99
40) Hexachlorocyclopentadiene	8.97	237	69689	37.24	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080937.D
 Acq On : 7 Aug 2015 20:29
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM

Quant Time: Aug 08 06:01:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	89249	35.51	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	106275	41.96	nq	96
45) 1,1'-Biphenyl	9.28	154	390632	40.92	nq	99
46) 2-Chloronaphthalene	9.30	162	307002	41.25	nq	99
47) 2-Nitroaniline	9.39	65	122384	41.01	nq	98
48) Acenaphthylene	9.71	152	524691	40.55	nq	100
49) Dimethylphthalate	9.57	163	338562	36.64	nq	99
50) 2,6-Dinitrotoluene	9.64	165	73622	38.57	nq	# 40
51) Acenaphthene	9.88	154	313805	39.60	nq	99
52) 3-Nitroaniline	9.80	138	87391	37.13	nq	95
53) 2,4-Dinitrophenol	9.90	184	43270	40.59	nq	98
54) Dibenzofuran	10.05	168	433957	40.50	nq	100
55) 4-Nitrophenol	9.96	139	76958	43.69	nq	88
56) 2,4-Dinitrotoluene	10.03	165	102592	40.16	nq	99
57) Fluorene	10.40	166	358309	43.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77058m	38.44	nq	
59) Diethylphthalate	10.27	149	367448	38.20	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	140254	34.72	nq	98
61) 4-Nitroaniline	10.42	138	106313	43.90	nq	90
62) Azobenzene	10.54	77	405258	37.68	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	56290	41.89	nq	86
65) n-Nitrosodiphenylamine	10.51	169	326006	43.27	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	92708	40.36	nq	99
67) Hexachlorobenzene	10.94	284	105021	41.13	nq	99
68) Atrazine	11.04	200	89352	40.45	nq	99
69) Pentachlorophenol	11.13	266	59155	39.84	nq	95
70) Phenanthrene	11.36	178	513304	41.80	nq	99
71) Anthracene	11.40	178	473960	38.99	nq	100
72) Carbazole	11.56	167	485984	41.06	nq	100
73) Di-n-butylphthalate	11.89	149	600030	40.54	nq	100
74) Fluoranthene	12.53	202	531414	40.03	nq	99
76) Benzidine	12.66	184	313929	Below	Cal	98
77) Pyrene	12.76	202	559787	47.34	nq	99
79) Butylbenzylphthalate	13.39	149	274780	48.20	nq	98
80) Benzo(a)anthracene	13.94	228	432102	42.73	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	179272	48.74	nq	98
82) Chrysene	13.99	228	452608	46.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	377559	47.60	nq	100
84) Di-n-octyl phthalate	14.56	149	664084	49.38	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	394884	42.86	nq	100
87) Benzo(b)fluoranthene	14.96	252	457469m	47.41	nq	
88) Benzo(k)fluoranthene	14.99	252	282210m	33.43	nq	
89) Benzo(a)pyrene	15.30	252	324757	39.16	nq	# 94
90) Dibenzo(a,h)anthracene	16.74	278	326405	44.50	nq	98
91) Benzo(g,h,i)perylene	17.13	276	323361	45.33	nq	98

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

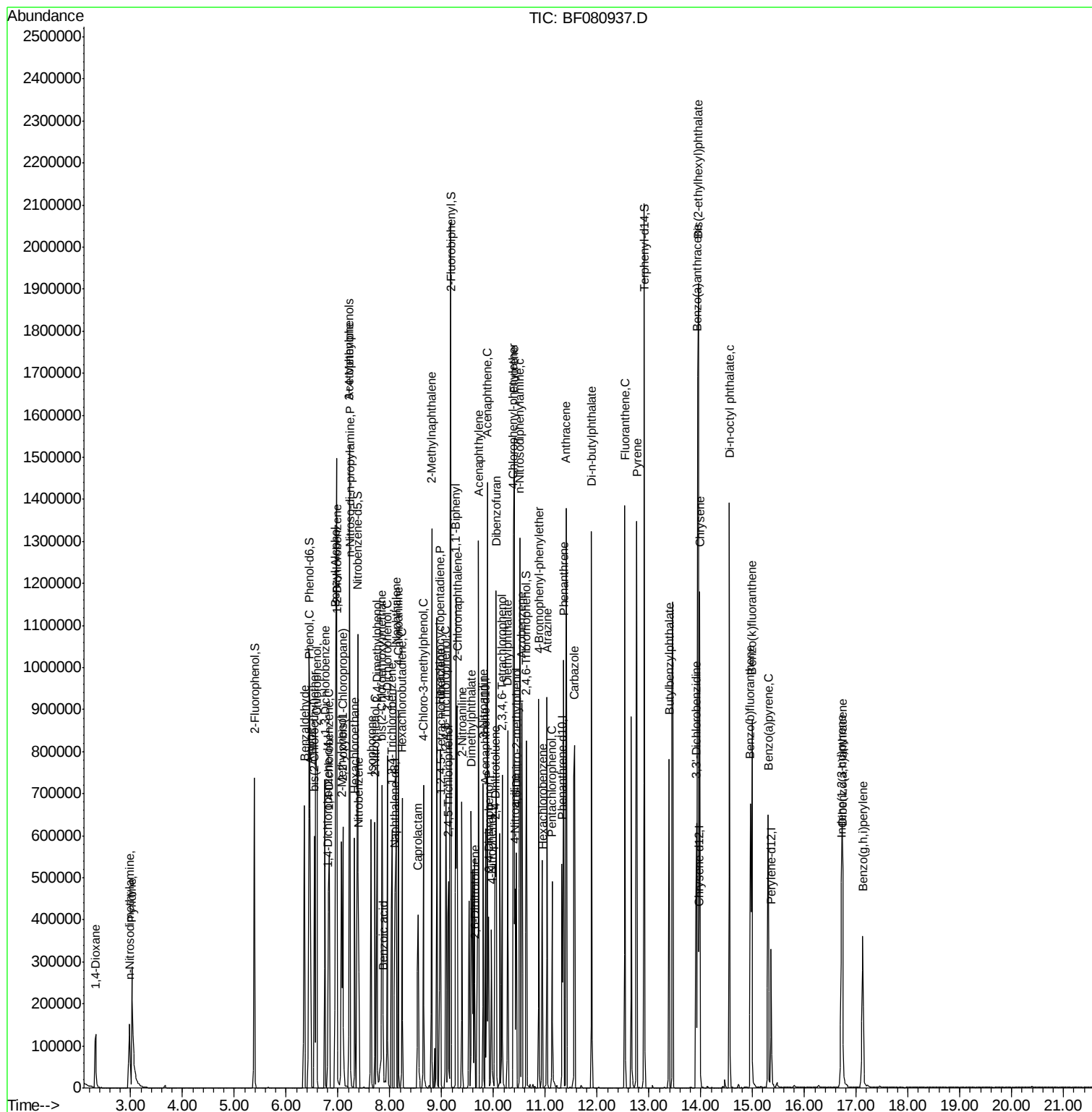
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\  
Data File : BF080937.D  
Acq On    : 7 Aug 2015 20:29  
Operator  : TP/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
```

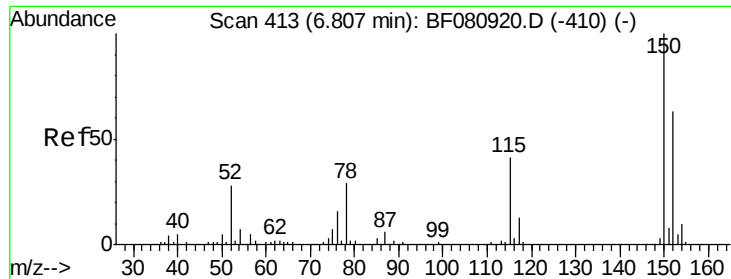
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

MMDadoda
8/10/2015 7:19:50 PM

Quant Time: Aug 08 06:01:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration





#1

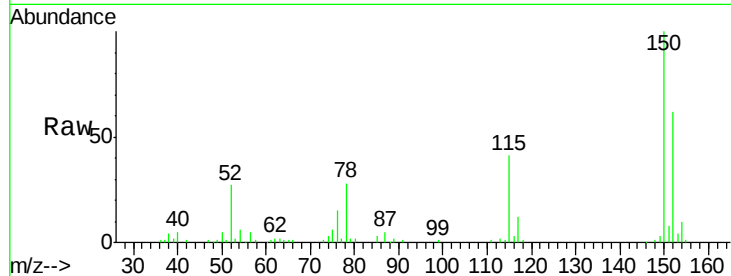
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

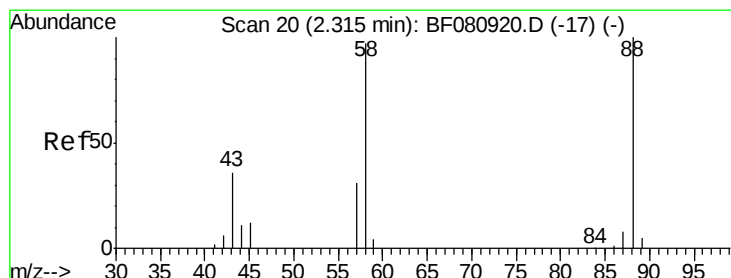
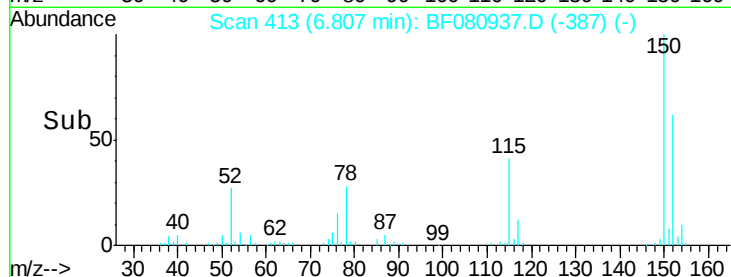
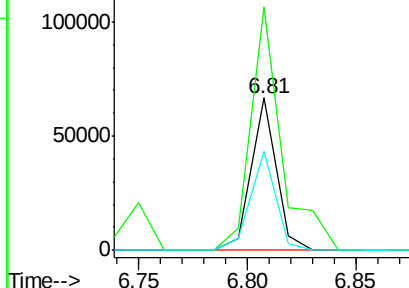
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.4	191.2
115	64.9	52.6	78.8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



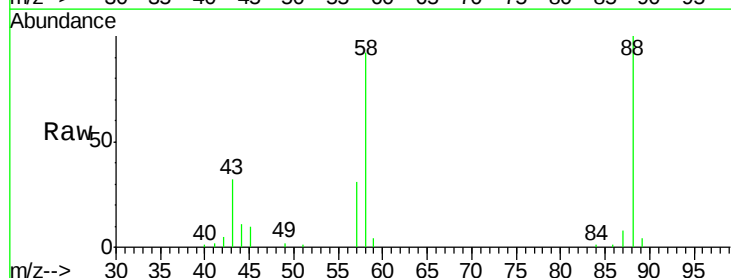
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



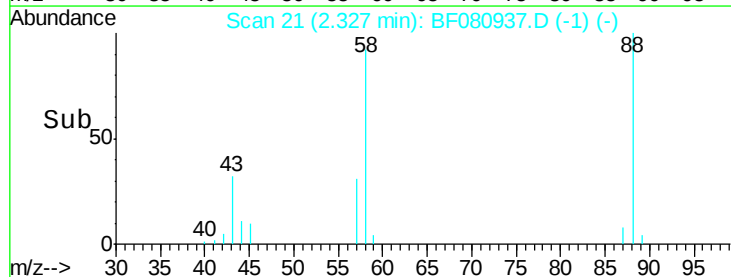
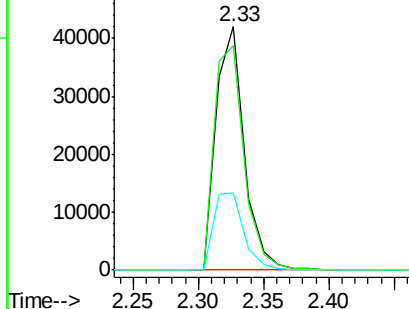
#2

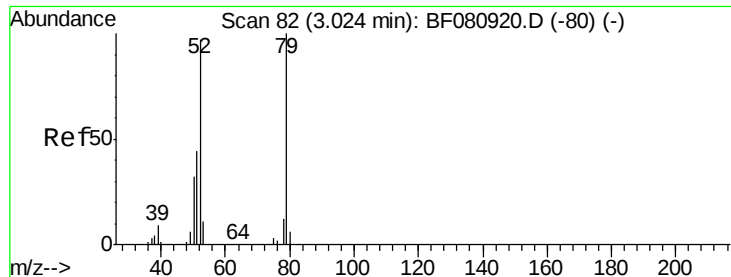
1,4-Dioxane
Concen: 40.76 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	79.3	118.9
43	34.2	28.3	42.5



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





#3

Pvridine

Concen: 44.09 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

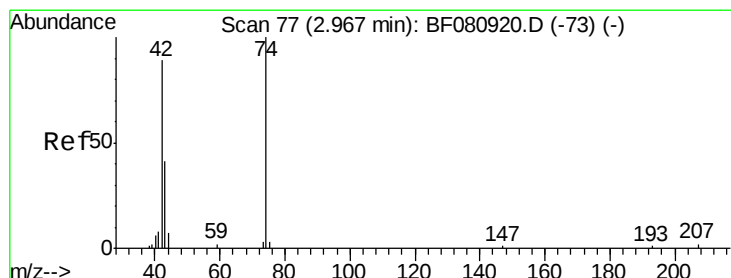
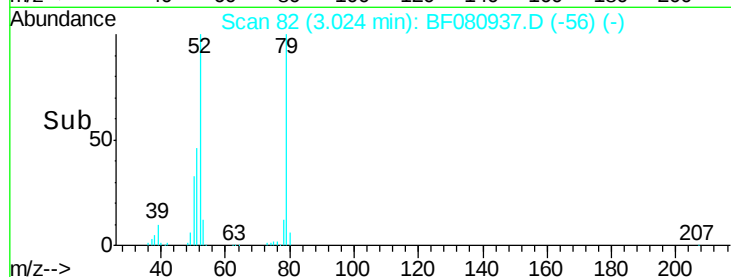
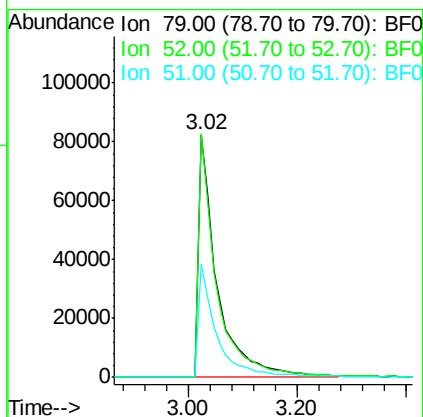
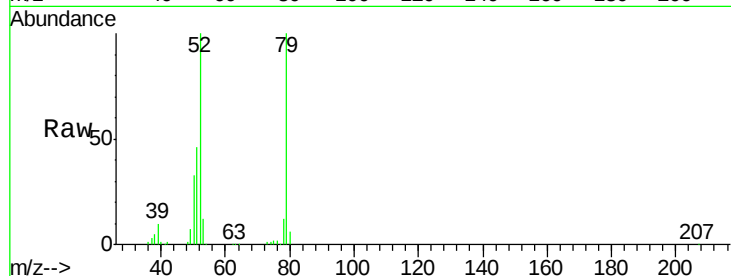
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	194589
Ion Ratio	Lower	Upper	
79	100		
52	100.3	77.2	115.8
51	46.5	35.0	52.4

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#4

n-Nitrosodimethylamine

Concen: 43.04 ng

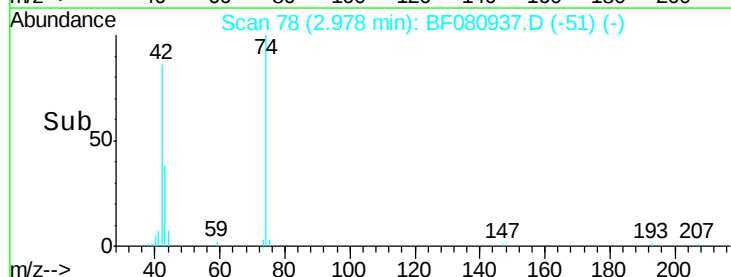
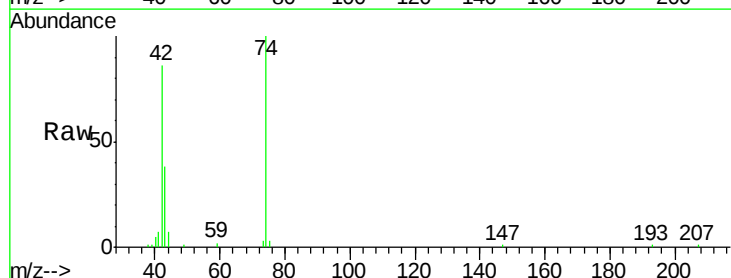
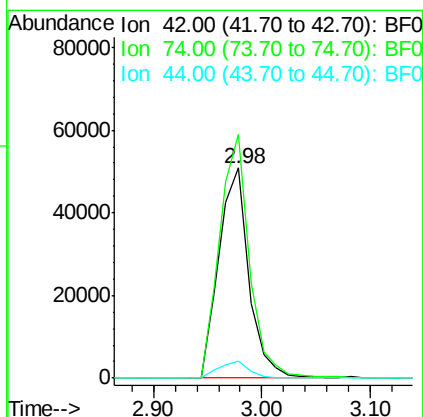
RT: 2.98 min Scan# 78

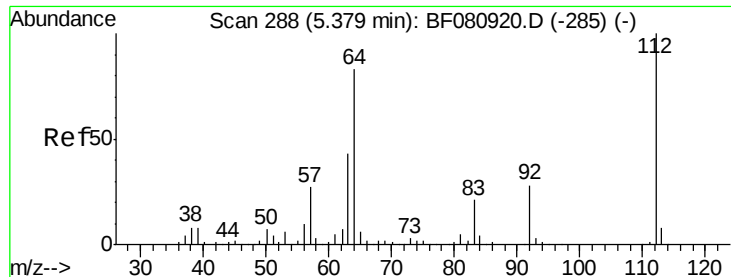
Delta R.T. 0.01 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	42	Resp:	96967
Ion Ratio	Lower	Upper	
42	100		
74	116.1	89.8	134.8
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 85.40 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

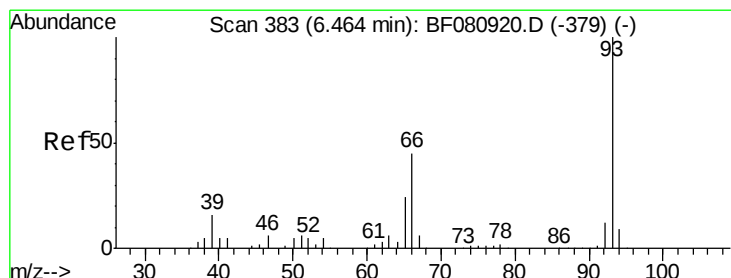
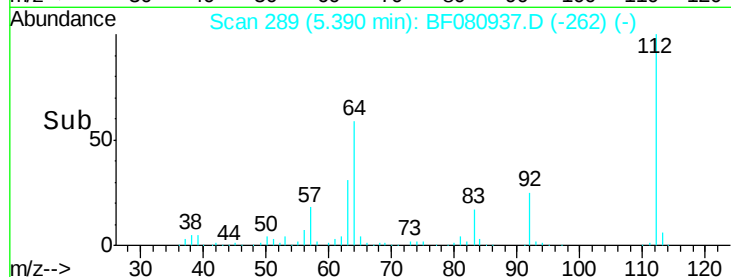
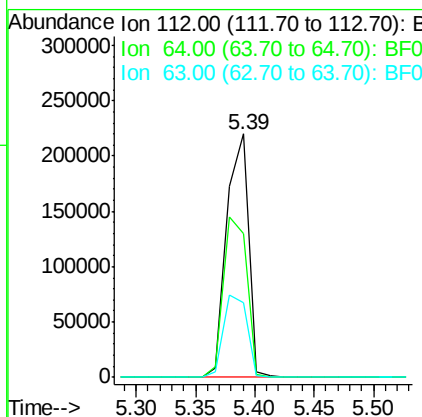
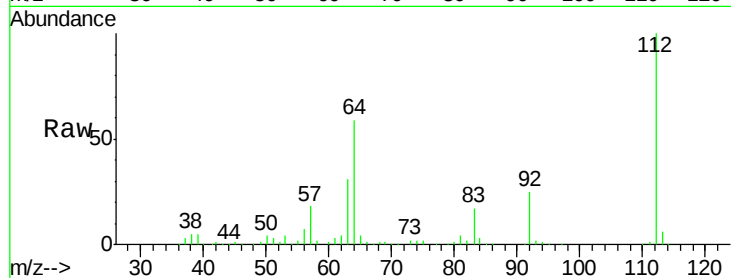
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	280231
Ion Ratio	Lower	Upper	
112	100		
64	59.0	66.1	99.1#
63	30.9	34.6	52.0#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#6

Aniline

Concen: 39.73 ng

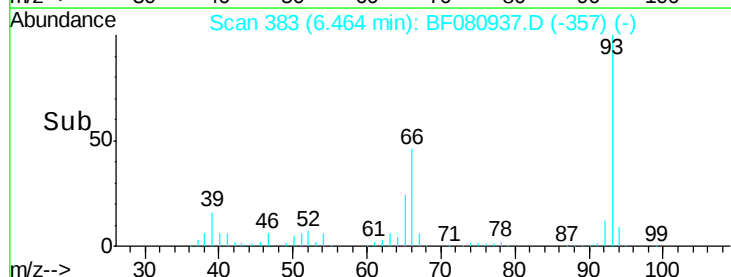
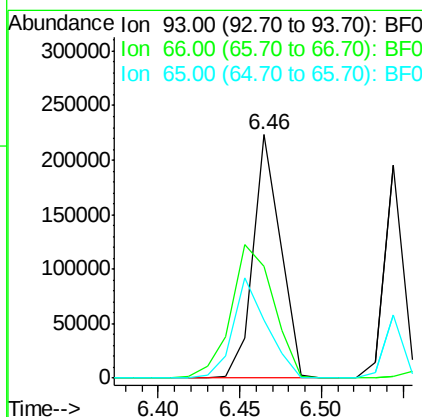
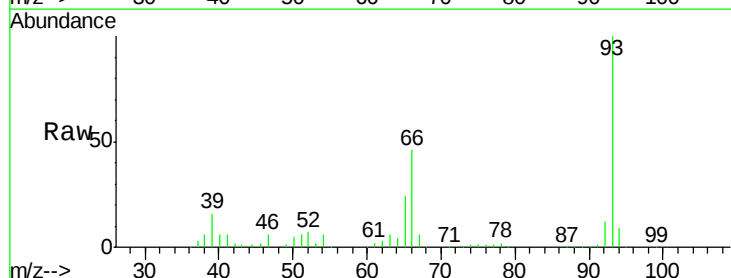
RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	93	Resp:	262456
Ion Ratio	Lower	Upper	
93	100		
66	46.0	36.2	54.4
65	23.7	19.0	28.4





#7

Phenol-d6

Concen: 85.03 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

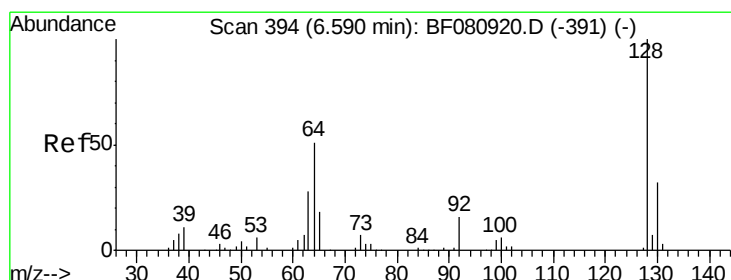
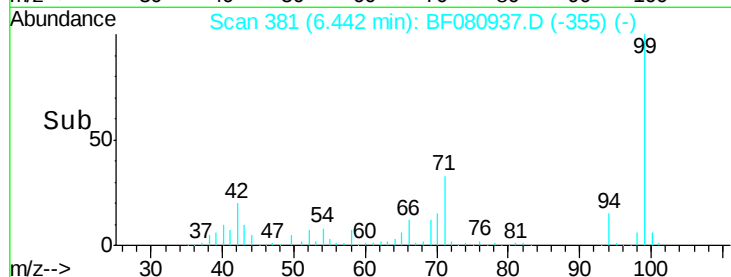
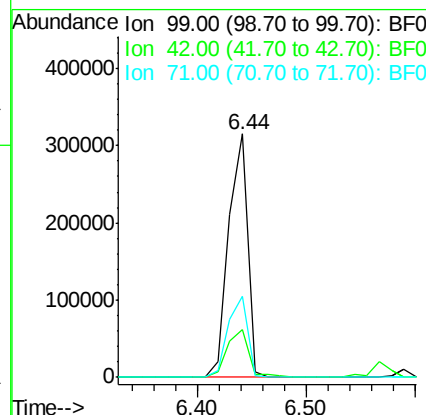
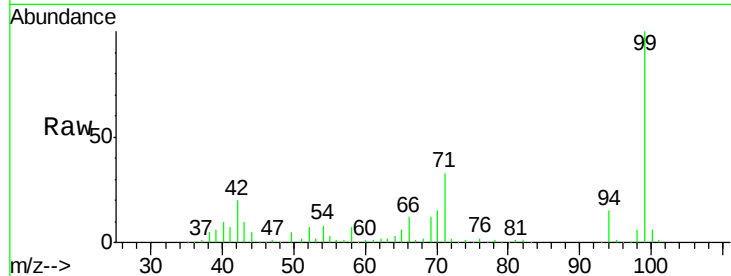
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	382341
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.4	21.6
71	33.4	25.8	38.8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#8

2-Chlorophenol

Concen: 43.02 ng

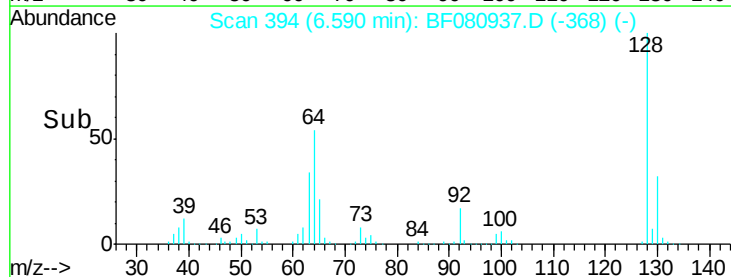
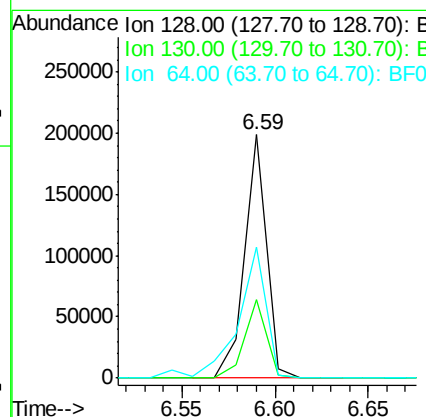
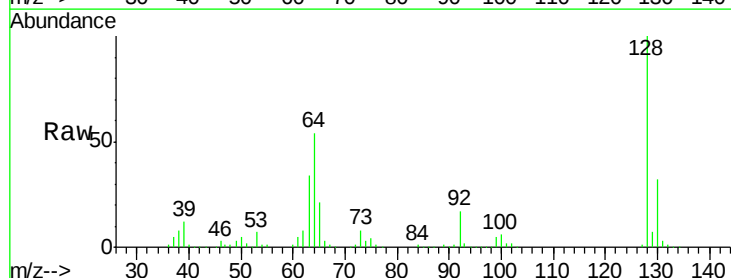
RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	128	Resp:	163357
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.4	52.4
64	53.7	32.1	72.1





#9

Benzaldehyde

Concen: 41.24 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080937.D

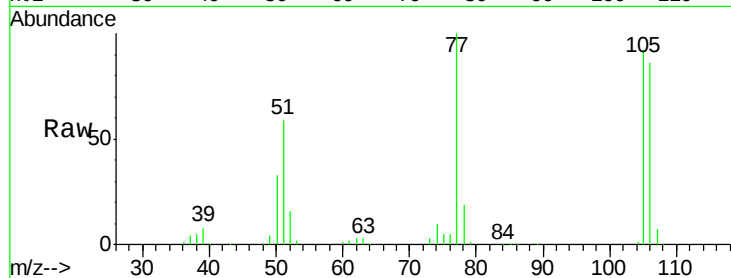
Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

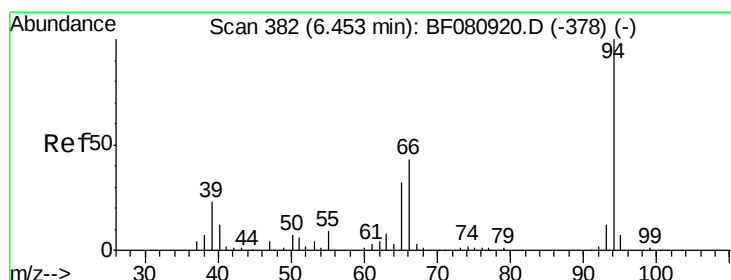
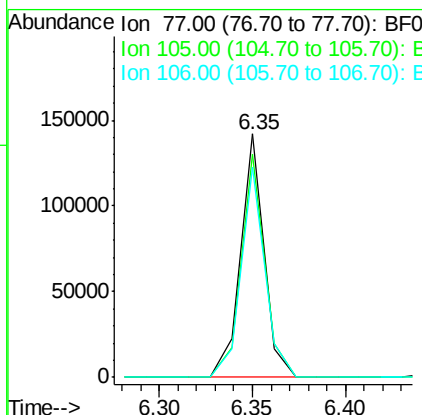
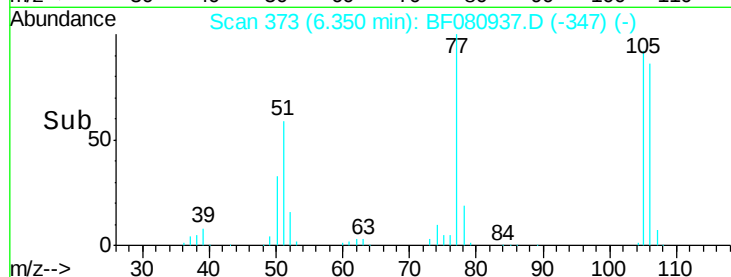
SSTDCCC040EC



Tot Ion:	77	Resp:	125000
Ion Ratio	Lower	Upper	
77	100		
105	91.5	71.6	111.6
106	86.4	65.7	105.7

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#10

Phenol

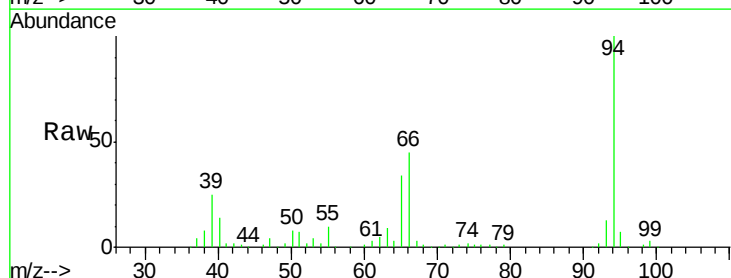
Concen: 45.50 ng

RT: 6.45 min Scan# 382

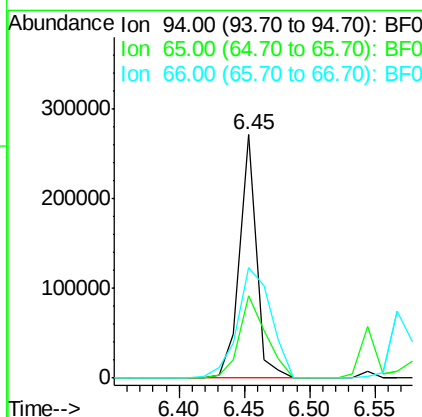
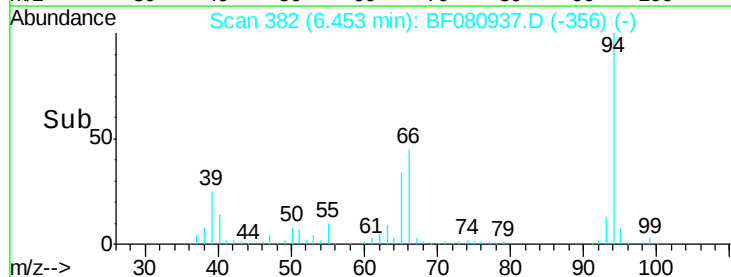
Delta R.T. 0.00 min

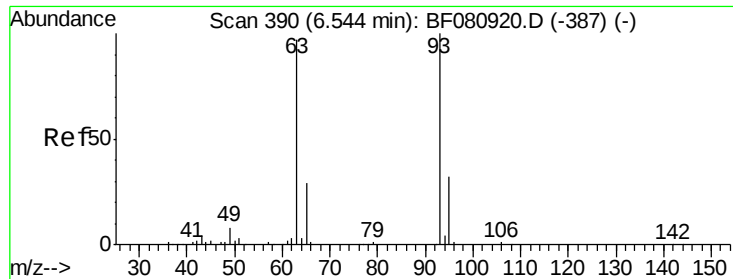
Lab File: BF080937.D

Acq: 7 Aug 2015 20:29



Tgt Ion:	94	Resp:	242760
Ion Ratio	Lower	Upper	
94	100		
65	34.0	11.8	51.8
66	45.3	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 38.53 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

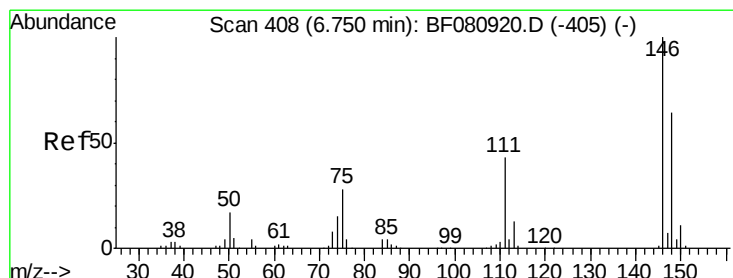
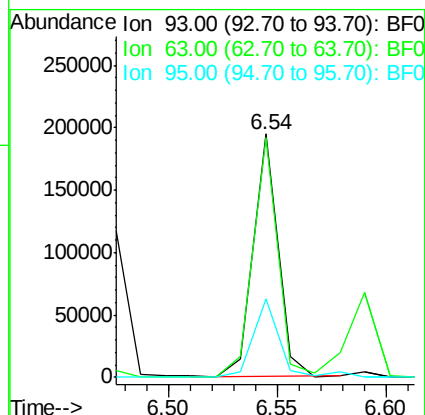
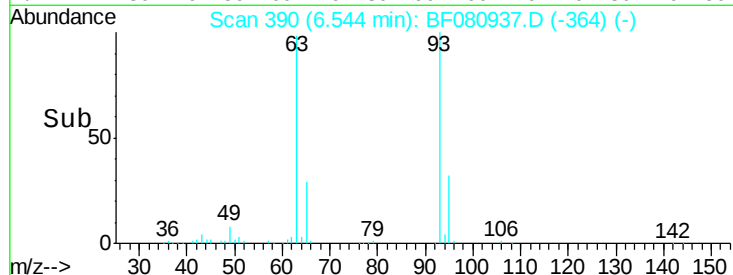
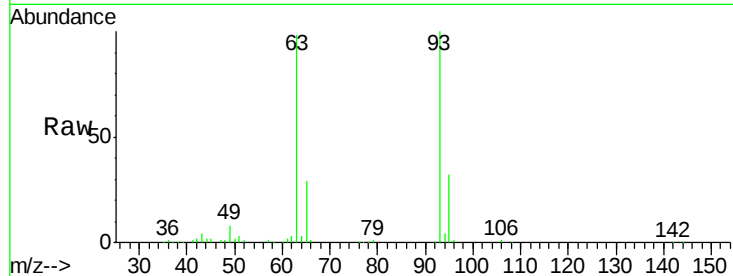
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	153474
Ion	Ratio	Lower	Upper
93	100		
63	98.3	76.7	116.7
95	32.1	12.3	52.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#12

1,3-Dichlorobenzene

Concen: 42.84 ng

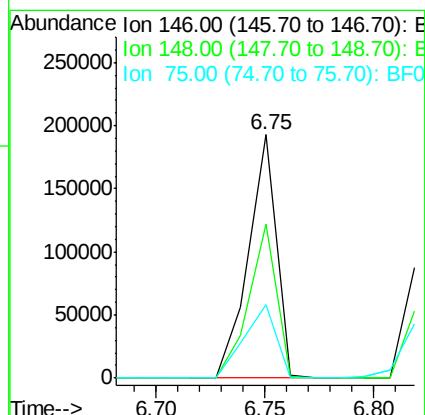
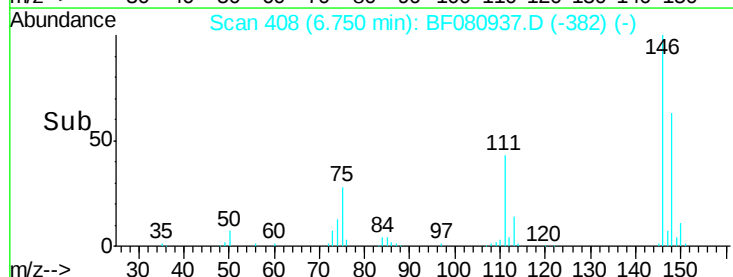
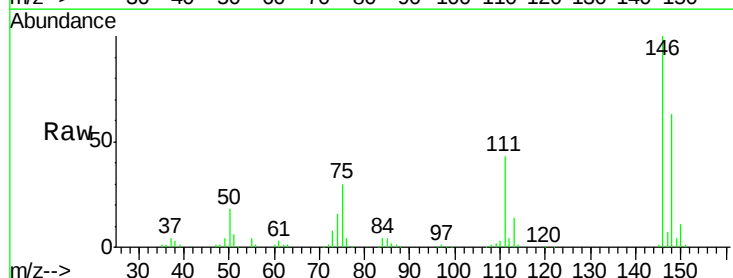
RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	146	Resp:	172644
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	30.1	22.2	33.4





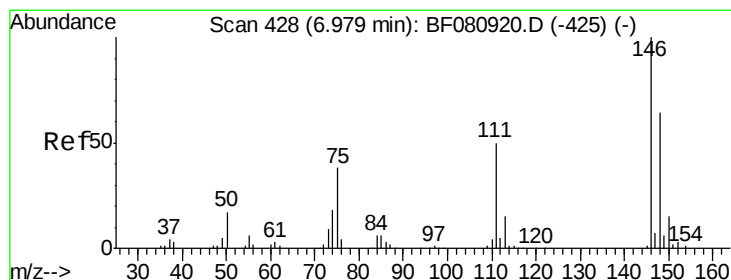
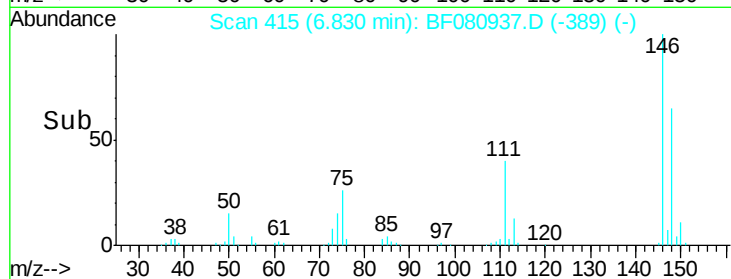
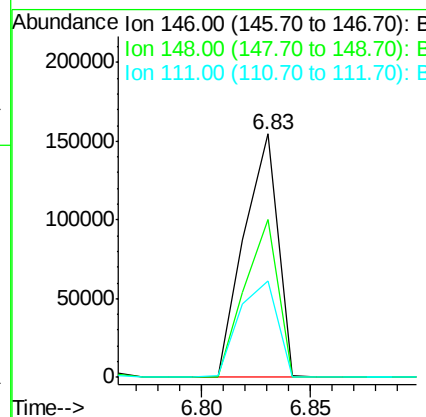
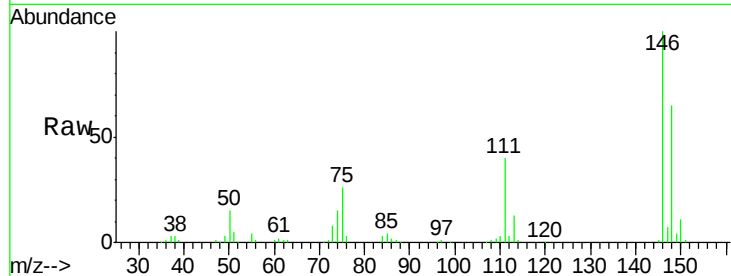
#13
 1,4-Dichlorobenzene
 Concen: 39.89 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
111	39.5	31.5	47.3

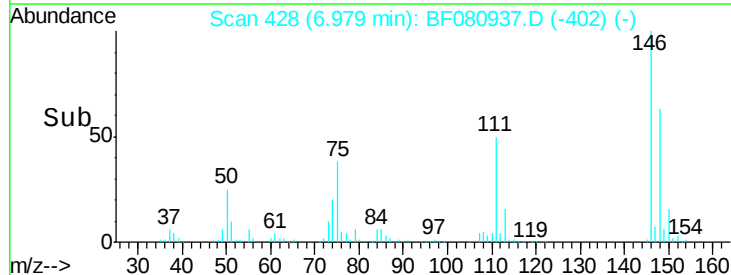
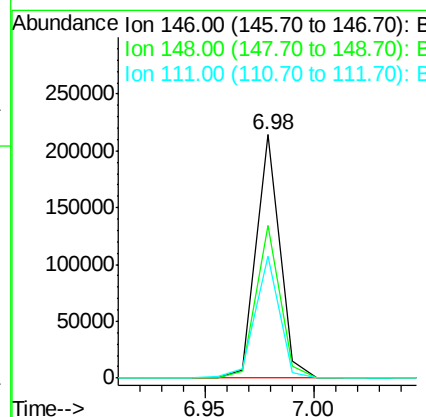
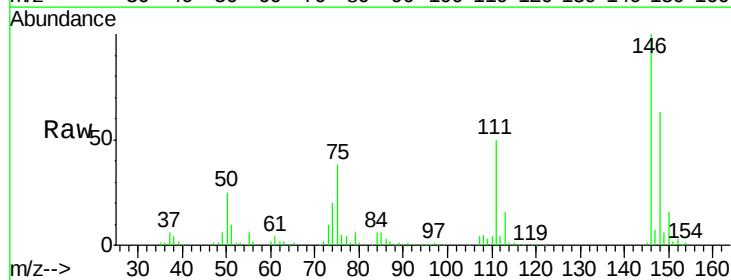
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	50.0	40.0	60.0





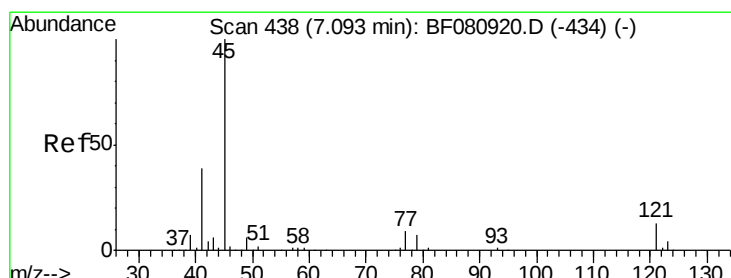
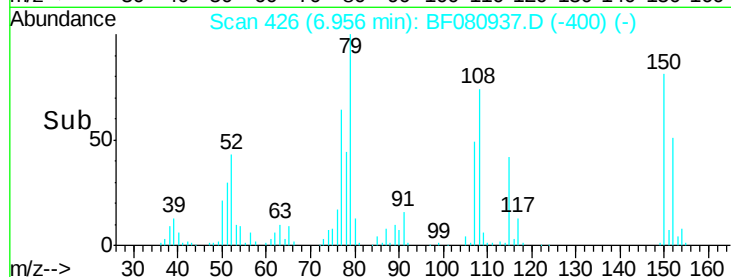
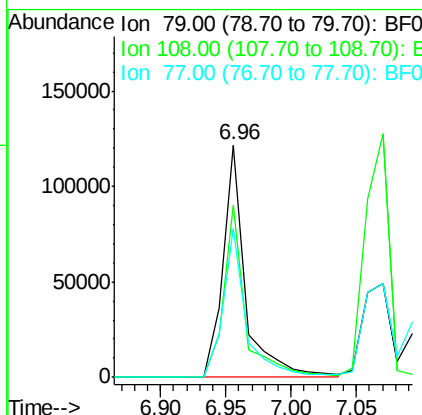
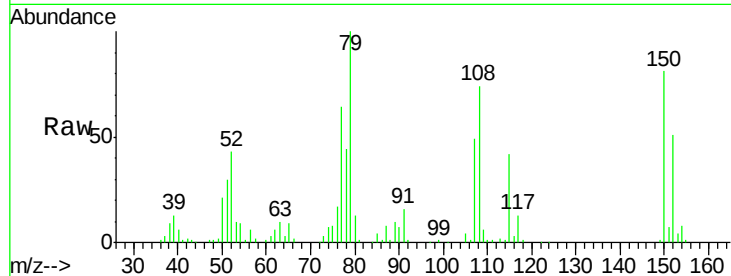
#15
Benzyl Alcohol
Concen: 39.90 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	60.9	91.3
77	64.1	49.4	74.0

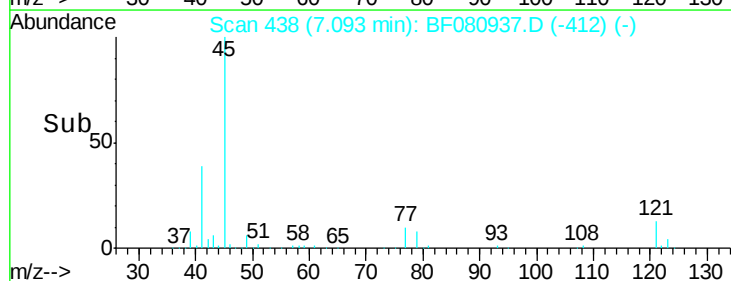
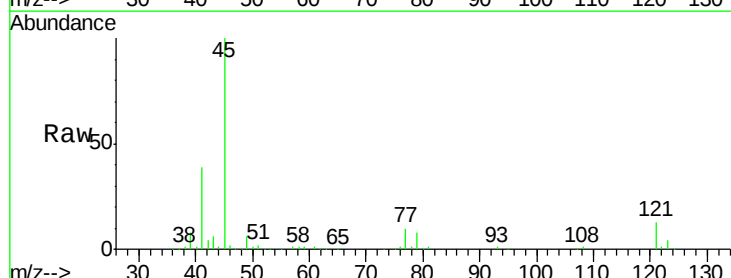
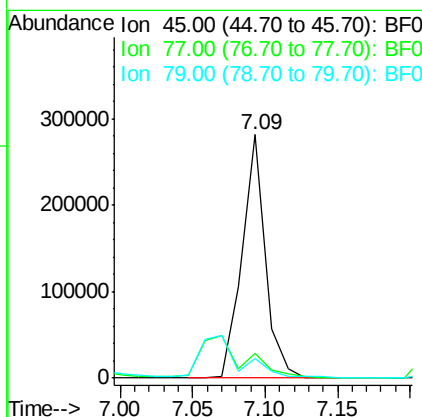
Manual Integrations
APPROVED

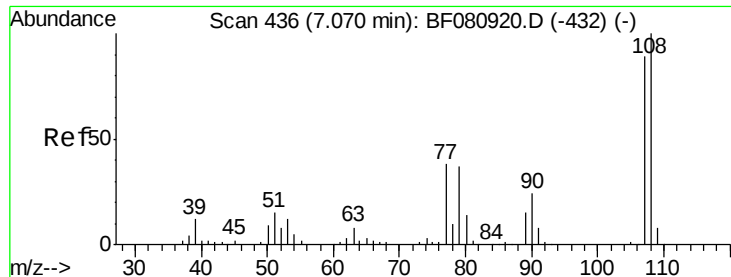
MMDadoda
8/10/2015 7:19:50 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.22 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	29.6
79	8.2	0.0	27.7





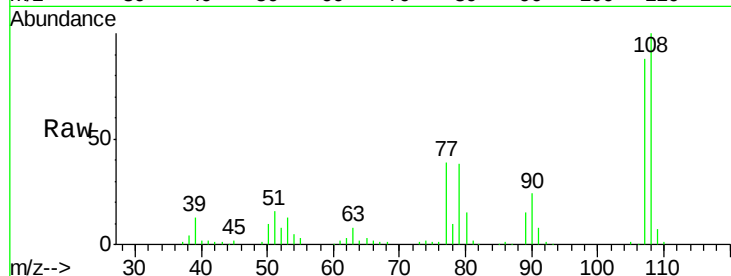
#17
2-Methylphenol
Concen: 41.38 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

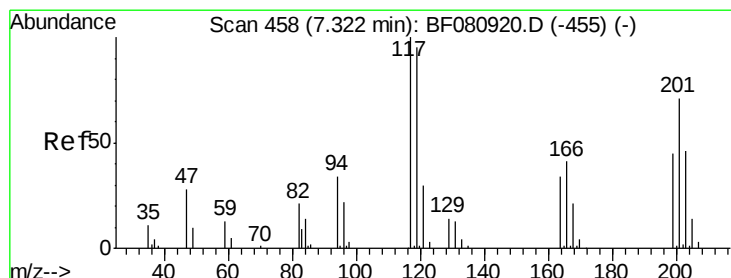
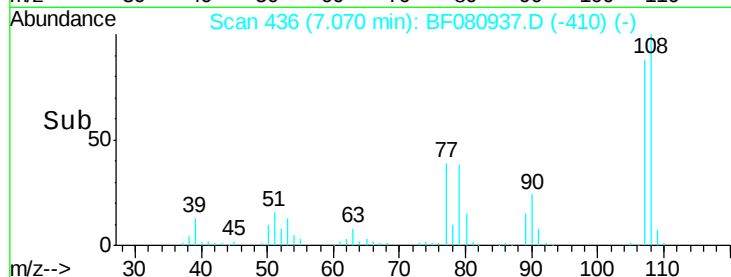
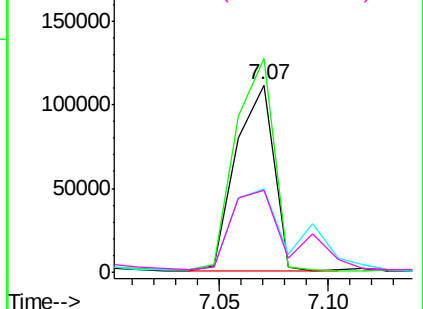
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.3	135.5	
77	44.1	34.6	51.8	
79	43.7	33.6	50.4	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM

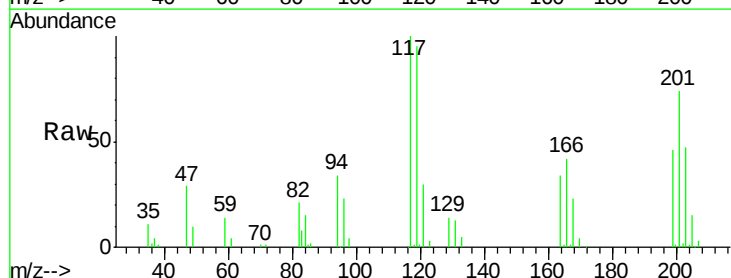


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BF0
100000
Ion 79.00 (78.70 to 79.70): BF0
50000
0

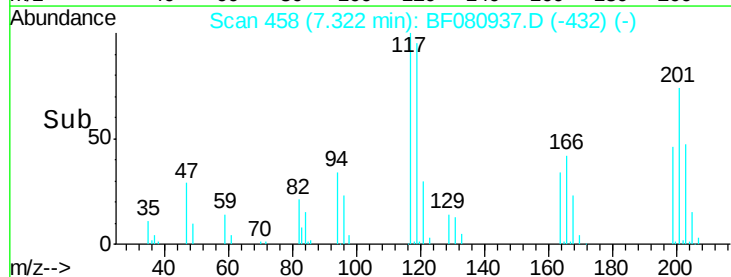
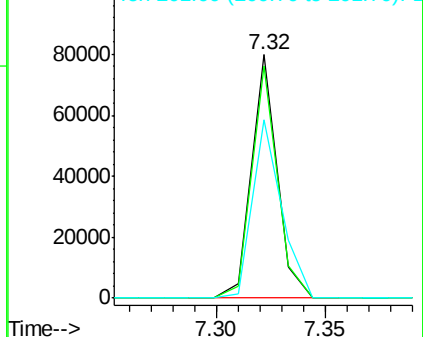


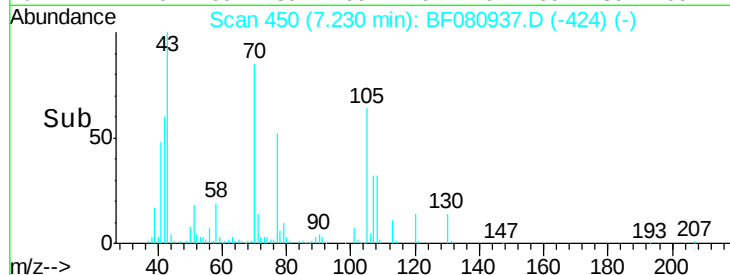
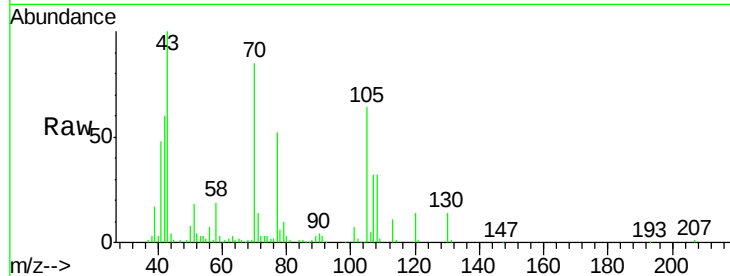
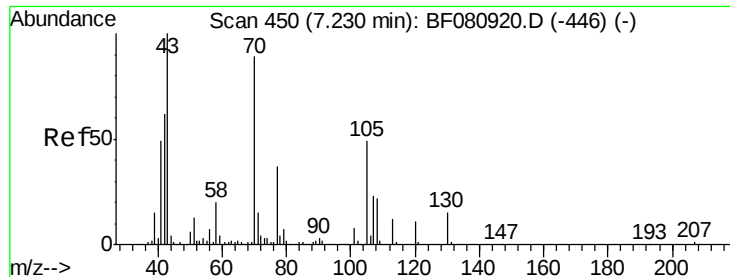
#18
Hexachloroethane
Concen: 40.50 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.3	114.5	
201	73.5	57.0	85.6	



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
80000
Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0





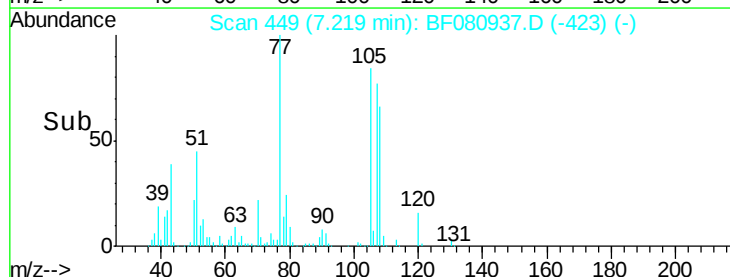
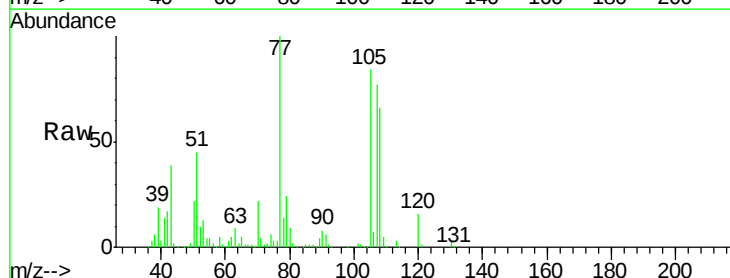
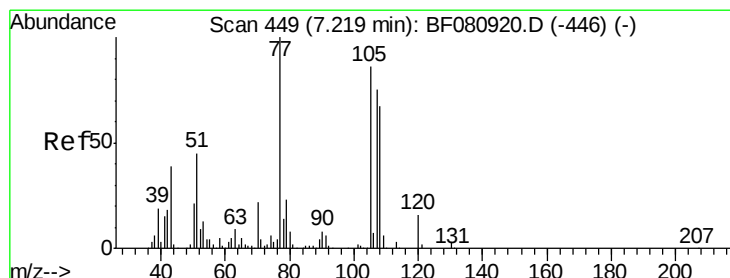
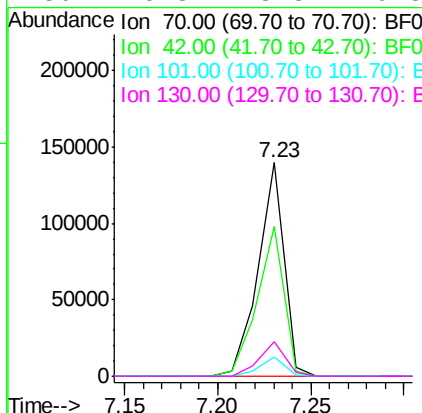
#19
n-Nitroso-di-n-propylamine
Concen: 40.72 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

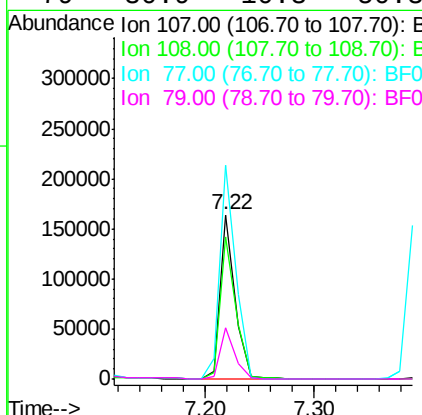
MMDadoda
8/10/2015 7:19:50 PM

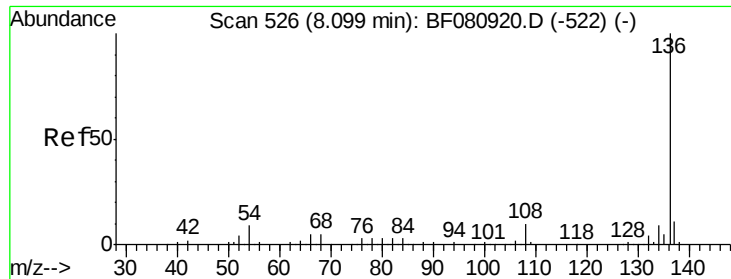
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.1	55.7	83.5	
101	8.8	7.0	10.6	
130	16.3	13.8	20.8	



#20
3+4-Methylphenols
Concen: 38.85 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	69.2	109.2	
77	130.1	113.0	153.0	
79	30.9	10.3	50.3	





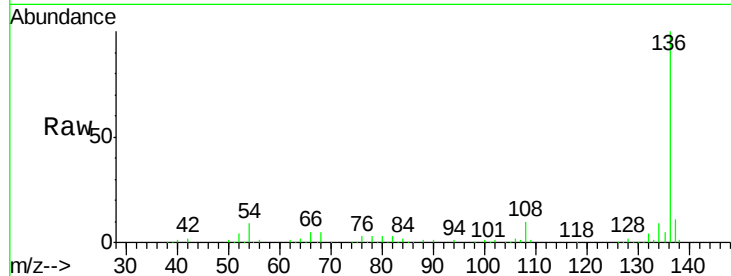
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	221366		
137	10.7		8.5	12.7
54	9.1		7.1	10.7
68	4.8		3.8	5.8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM

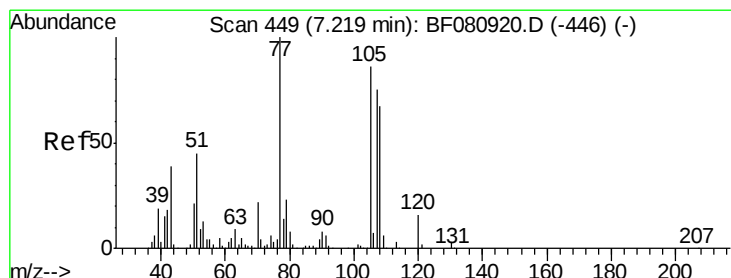
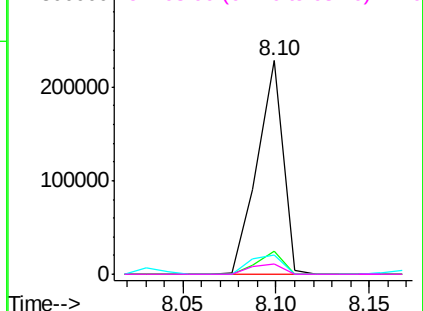
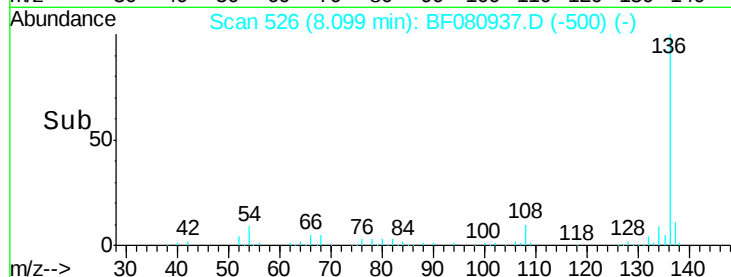


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

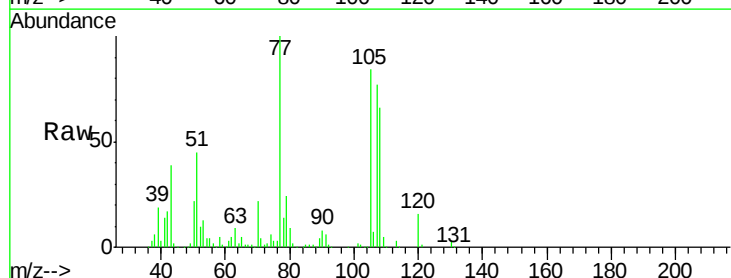
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.40 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208282		
71	4.6		3.3	4.9
51	53.3		41.8	62.6
120	19.4		15.1	22.7

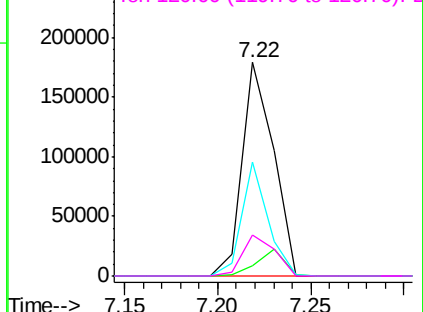
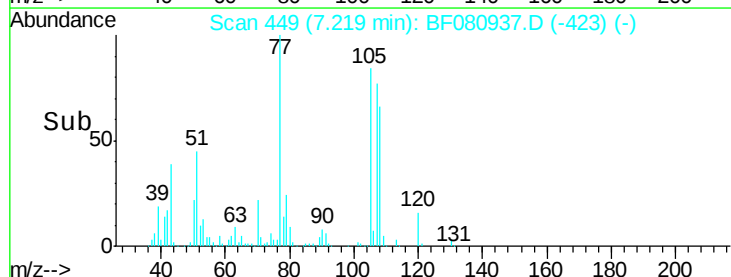


Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.25 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

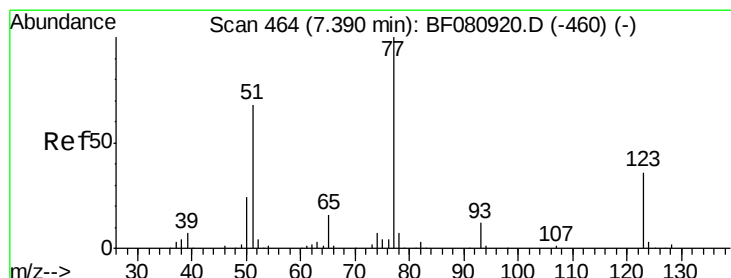
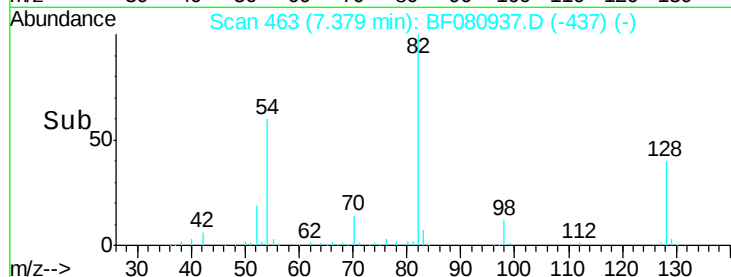
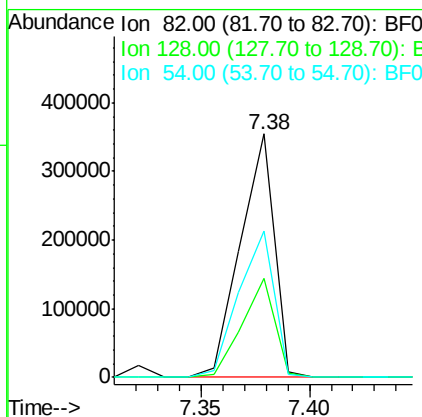
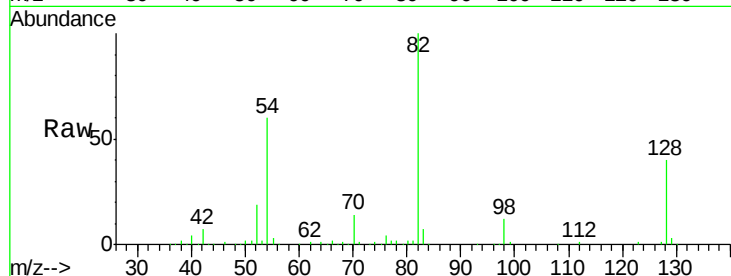
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	384900
Ion Ratio	Lower	Upper	
82	100		
128	40.5	34.1	51.1
54	60.2	46.5	69.7

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#24

Nitrobenzene

Concen: 35.94 ng

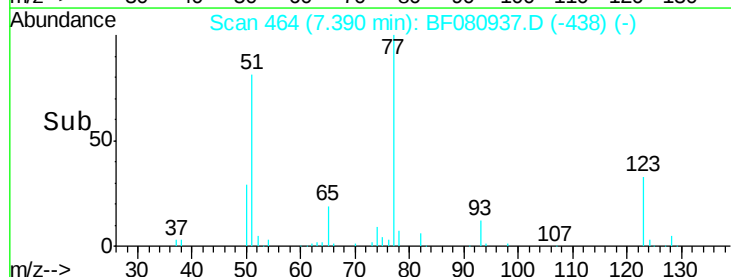
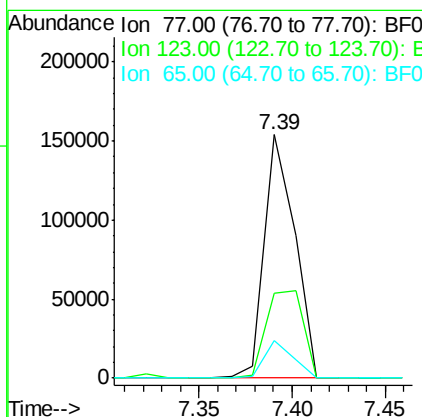
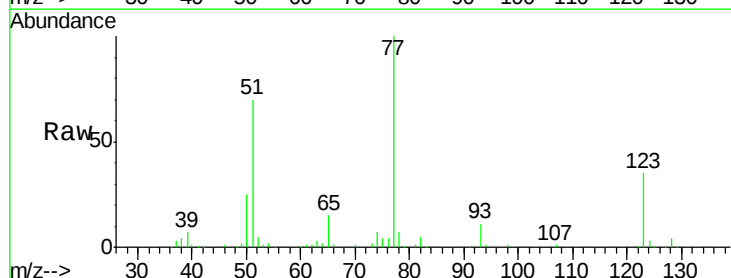
RT: 7.39 min Scan# 464

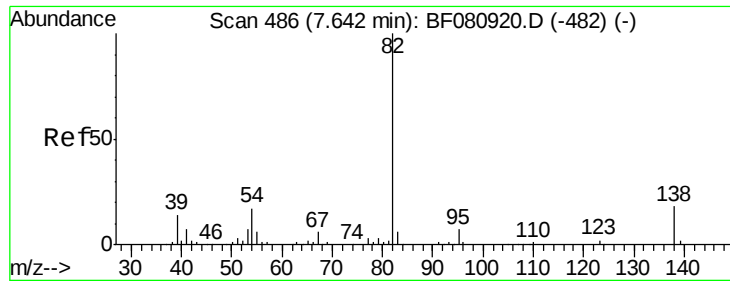
Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	77	Resp:	173198
Ion Ratio	Lower	Upper	
77	100		
123	34.9	28.7	43.1
65	15.4	12.5	18.7





#25

Isophorone

Concen: 40.69 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

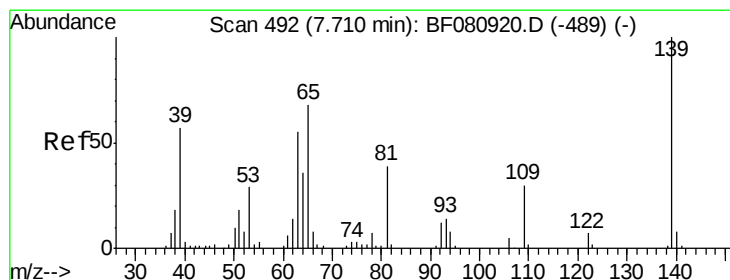
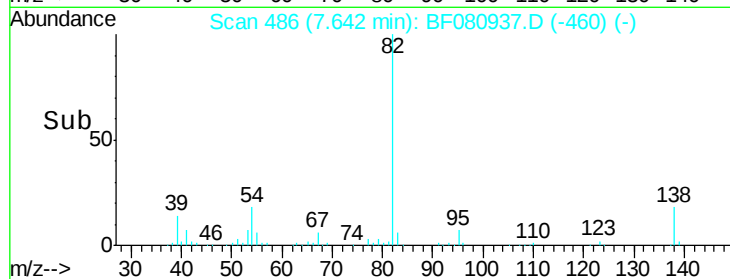
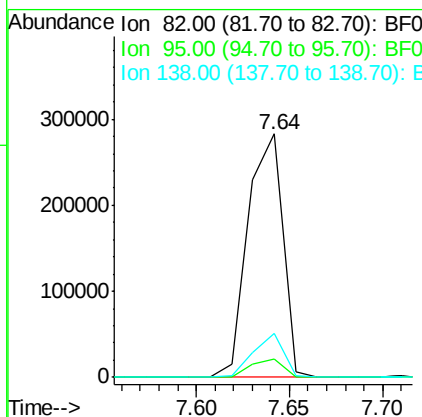
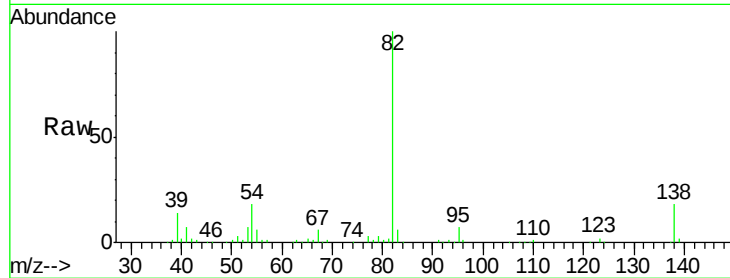
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	366180
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.8	8.6
138	17.8	14.1	21.1

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#26

2-Nitrophenol

Concen: 40.39 ng

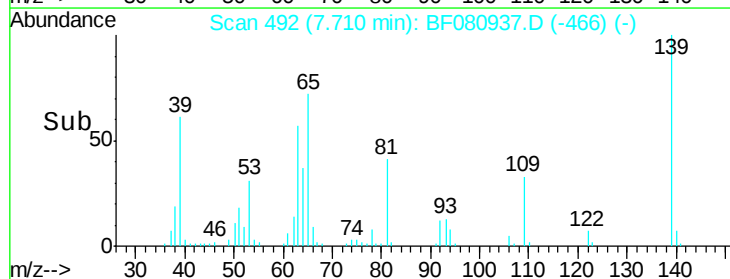
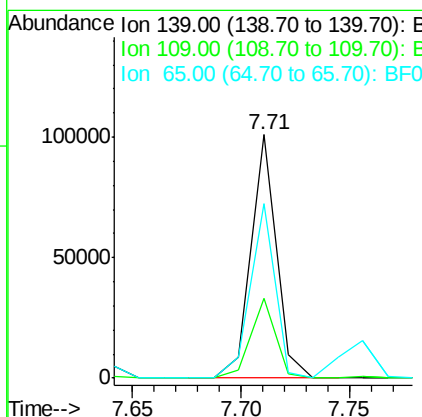
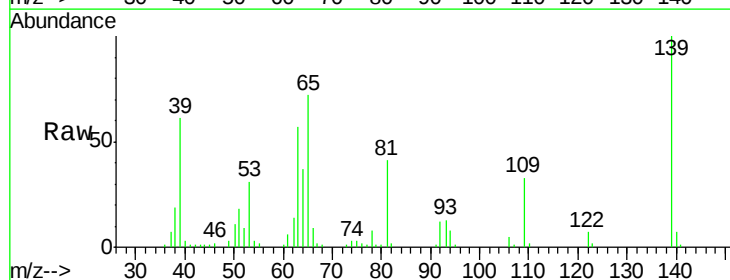
RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	139	Resp:	81893
Ion Ratio		Lower	Upper
139	100		
109	32.7	24.1	36.1
65	71.5	54.0	81.0





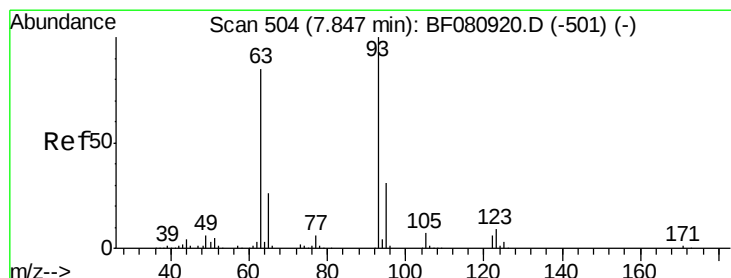
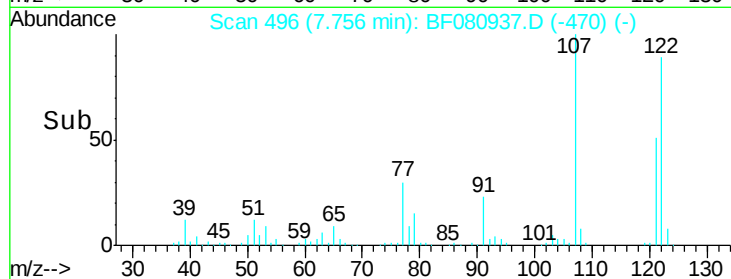
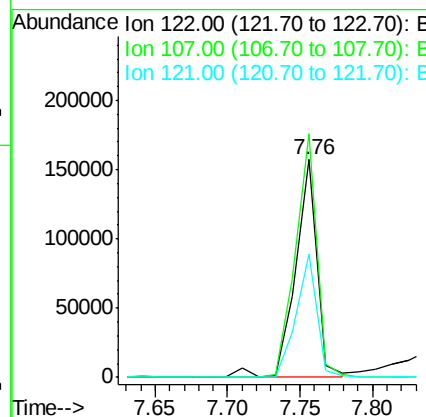
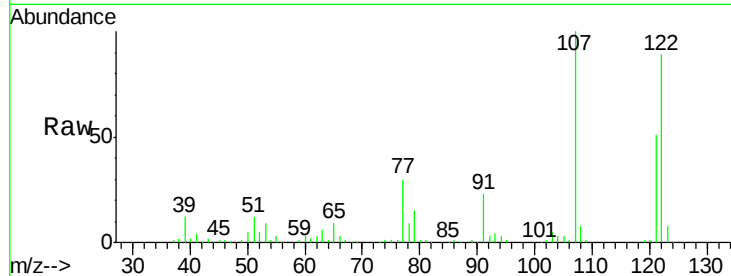
#27
 2,4-Dimethylphenol
 Concen: 42.83 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	162590		
107	111.9	90.2	135.4	
121	56.6	46.0	69.0	

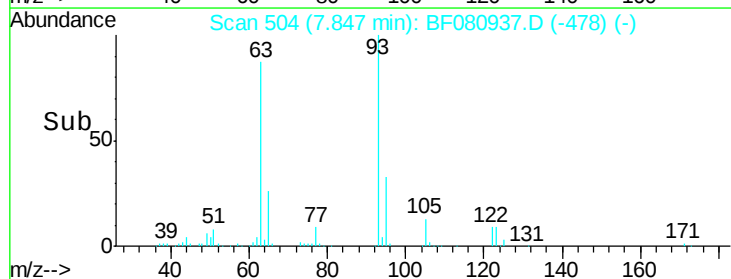
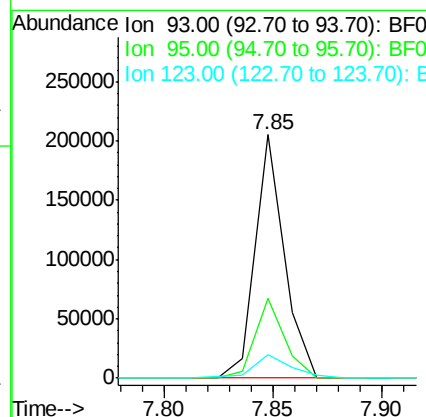
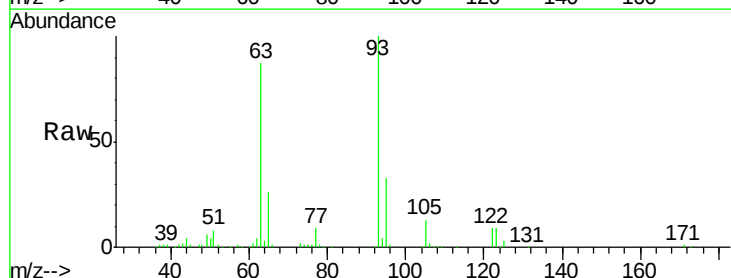
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.32 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190815		
95	32.6	25.0	37.4	
123	9.5	7.4	11.0	





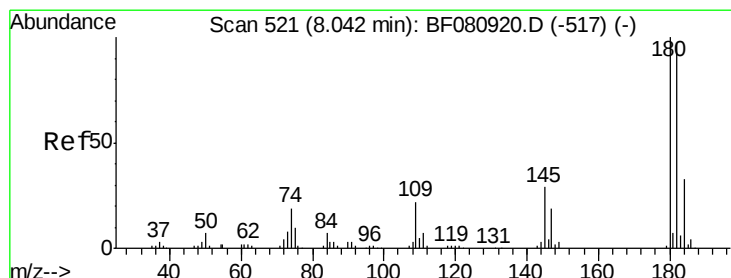
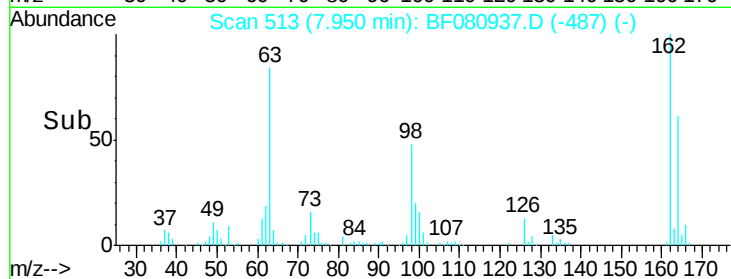
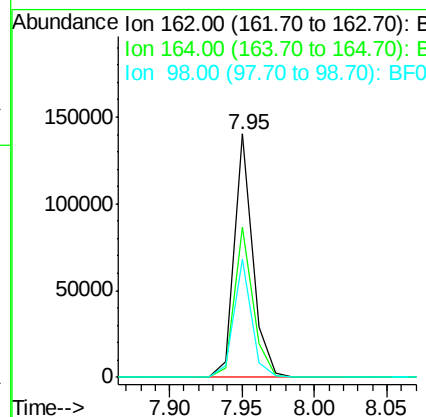
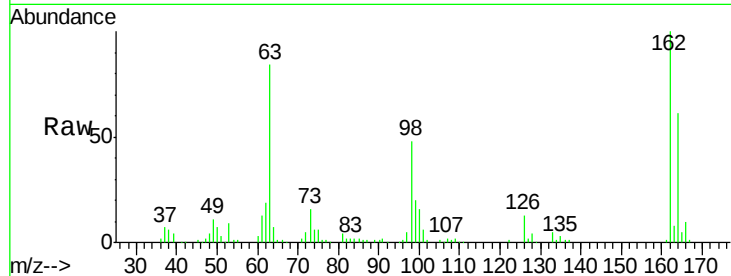
#29
 2,4-Dichlorophenol
 Concen: 40.00 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	124761
Ion Ratio	Lower	Upper	
162	100		
164	61.5	42.3	82.3
98	48.3	27.7	67.7

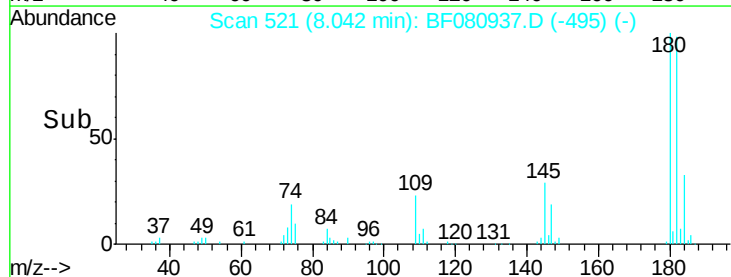
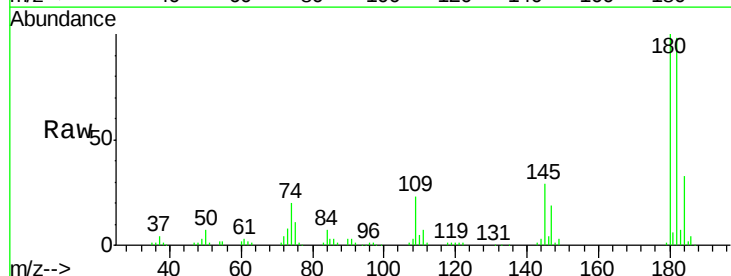
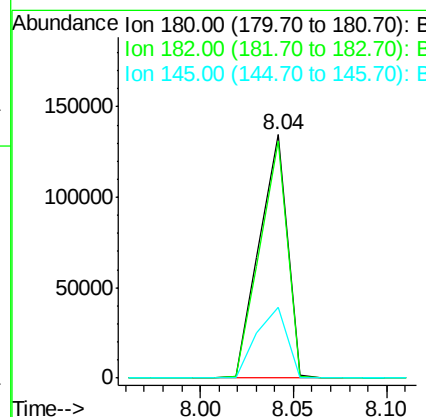
Manual Integrations
 APPROVED

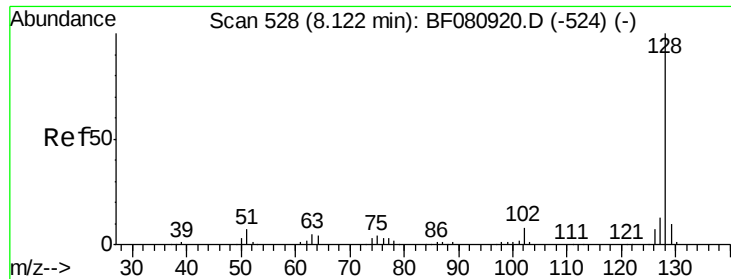
MMDadoda
 8/10/2015 7:19:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.96 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:	180	Resp:	139652
Ion Ratio	Lower	Upper	
180	100		
182	97.6	77.4	116.0
145	29.2	23.2	34.8





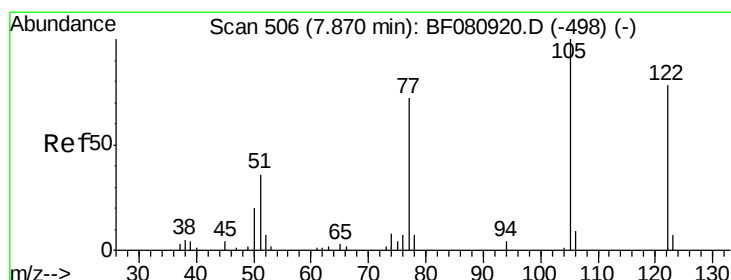
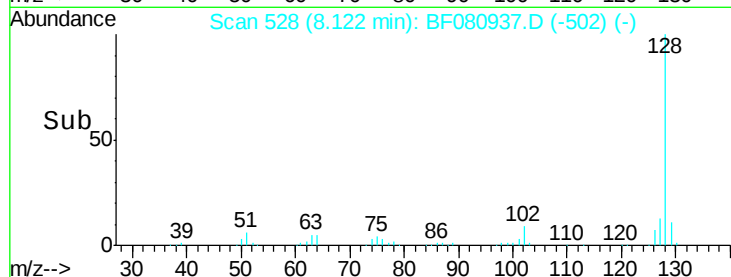
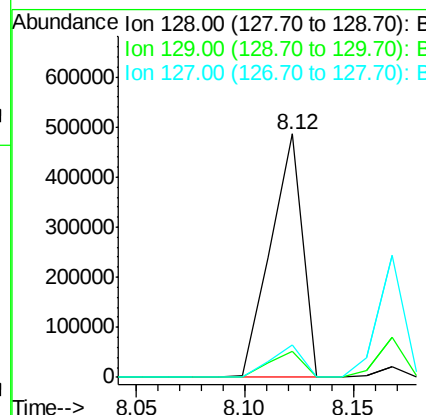
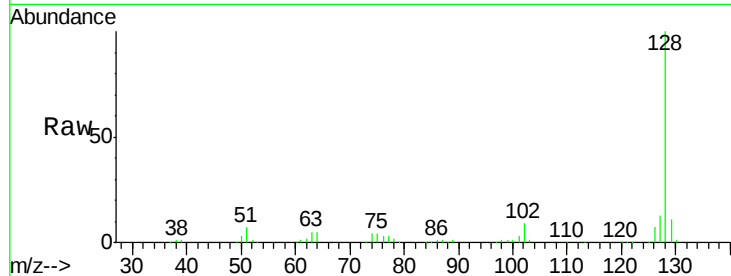
#31
Naphthalene
Concen: 41.05 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.7	8.4	12.6
127	13.5	10.5	15.7

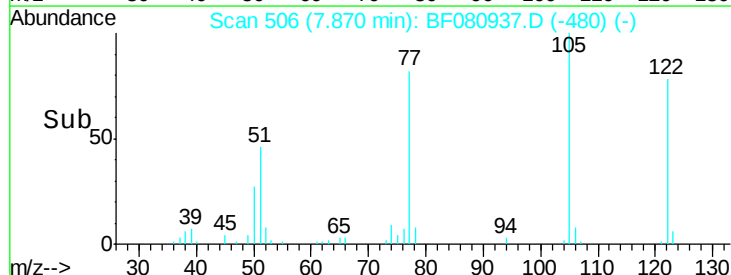
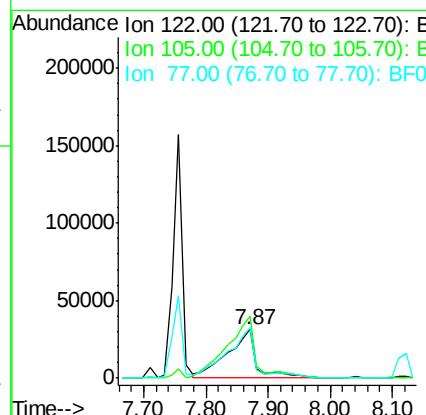
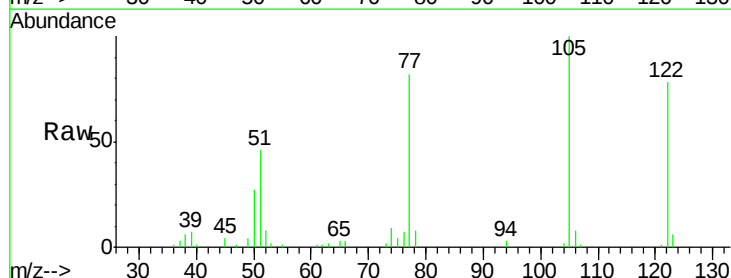
Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#32
Benzoic acid
Concen: 44.10 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.0	103.6	143.6
77	105.0	70.4	110.4





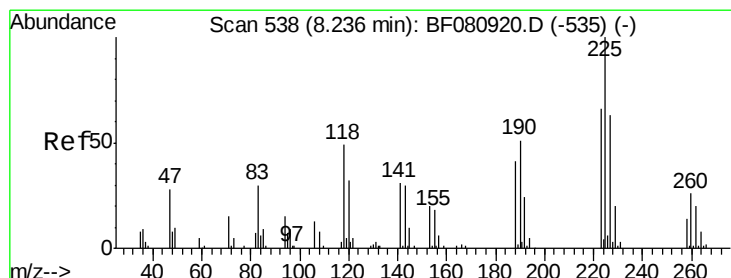
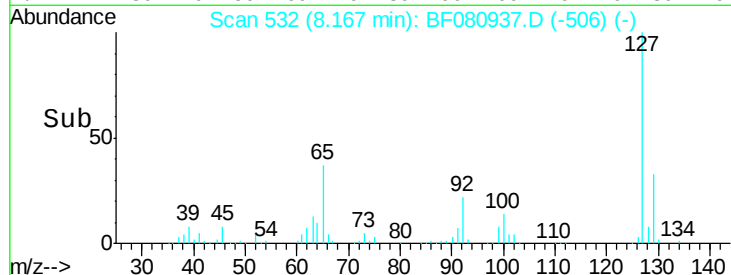
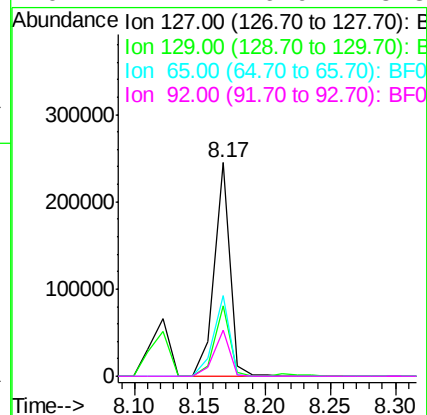
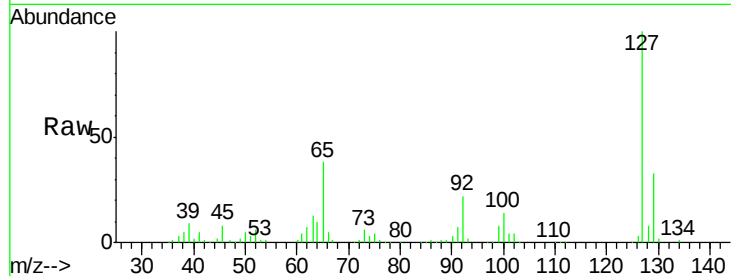
#33
4-Chloroaniline
Concen: 41.62 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
206371	127	100			
	129	32.7	25.9	38.9	
	65	38.0	30.6	45.8	
	92	21.7	16.9	25.3	

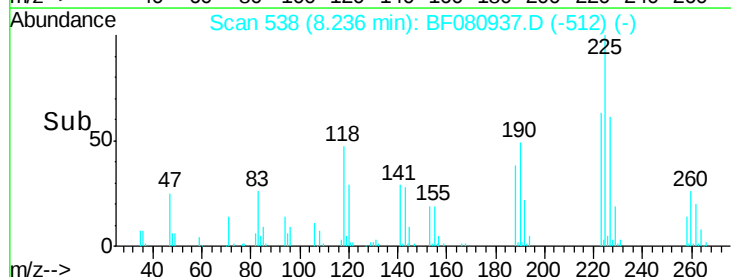
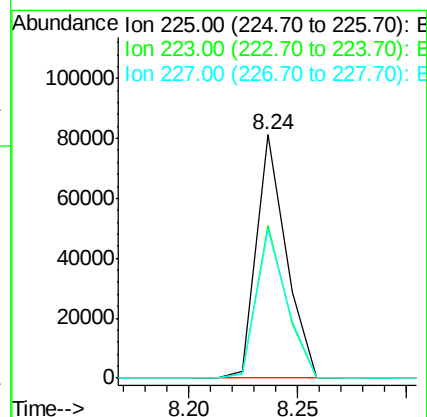
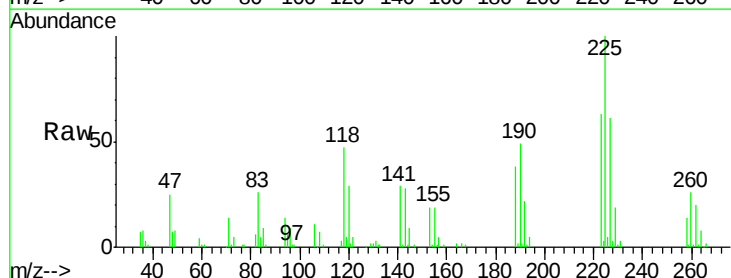
Manual Integrations
APPROVED

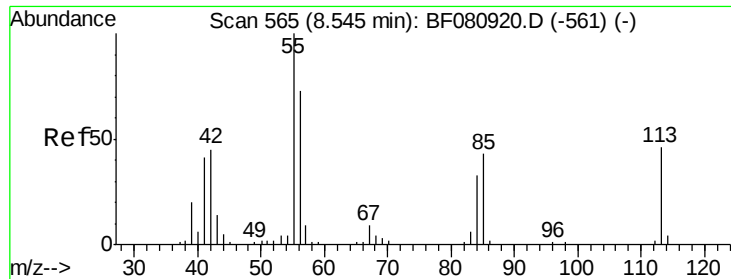
MMDadoda
8/10/2015 7:19:50 PM



#34
Hexachlorobutadiene
Concen: 37.97 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77027	225	100			
	223	62.8	52.5	78.7	
	227	60.9	50.3	75.5	





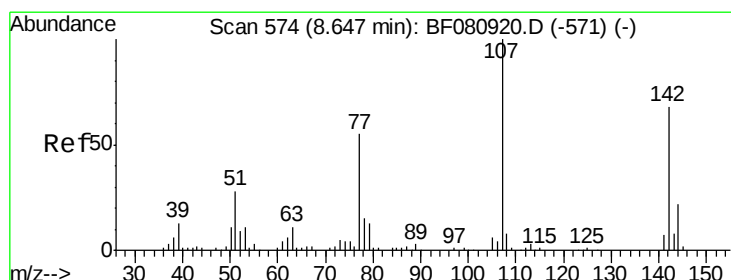
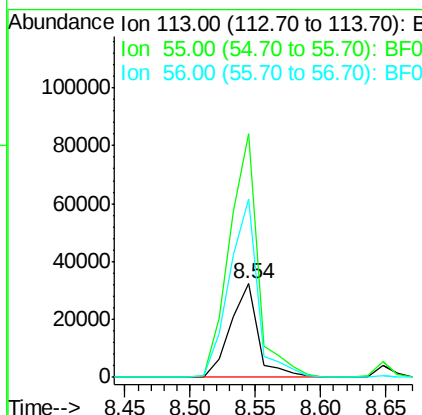
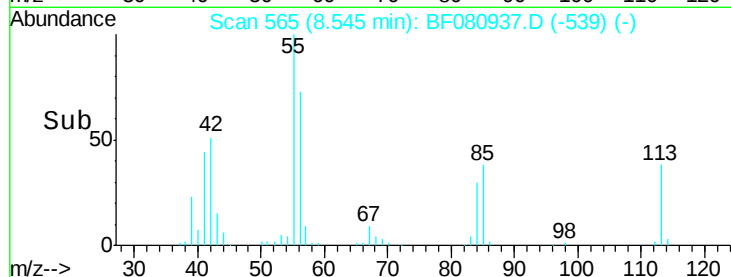
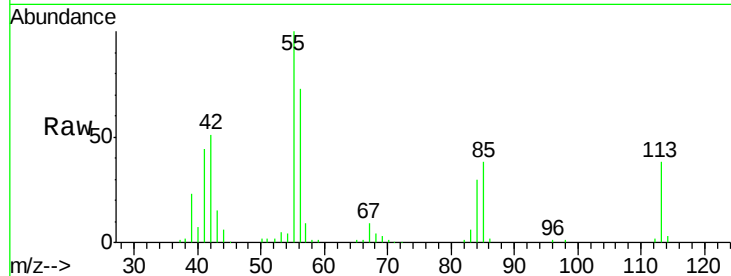
#35
Caprolactam
Concen: 41.91 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 47027
Ion Ratio Lower Upper
113 100
55 260.9 196.4 236.4#
56 191.2 137.9 177.9#

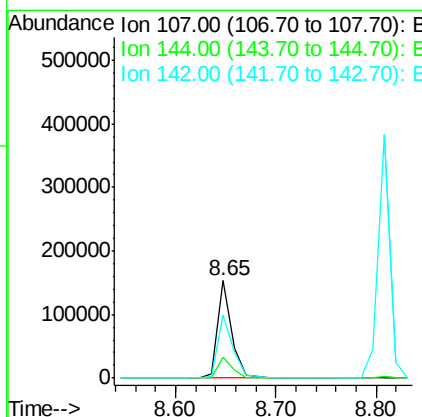
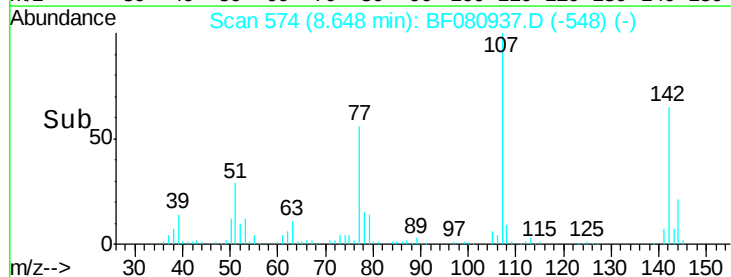
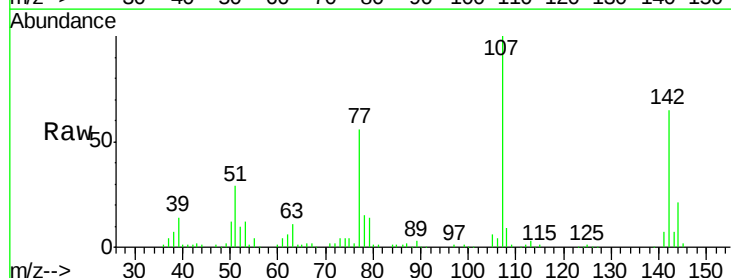
Manual Integrations
APPROVED

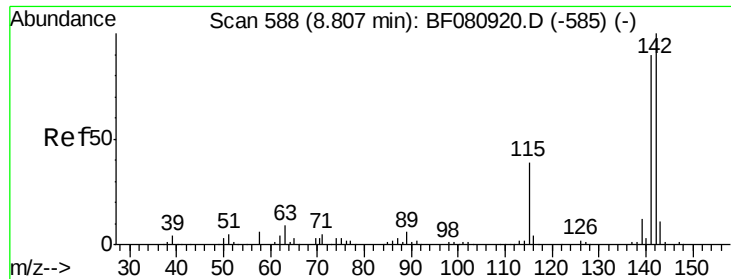
MMDadoda
8/10/2015 7:19:50 PM



#36
4-Chloro-3-methylphenol
Concen: 39.14 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:107 Resp: 148991
Ion Ratio Lower Upper
107 100
144 20.9 17.3 25.9
142 64.6 54.4 81.6





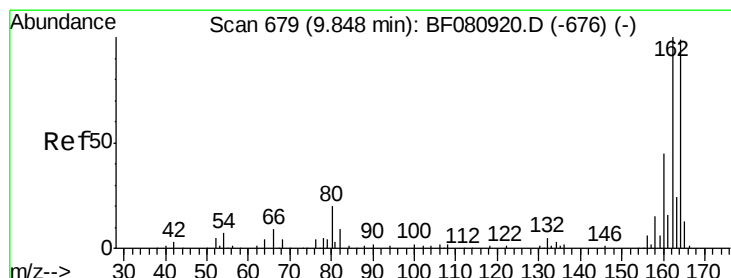
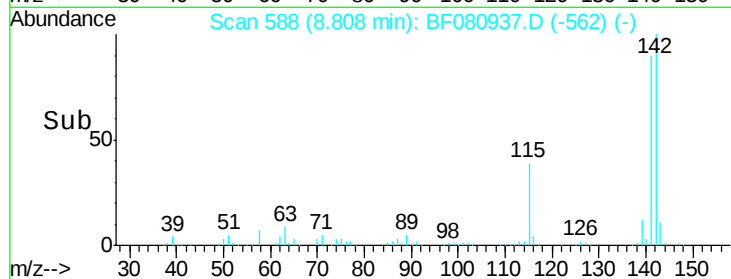
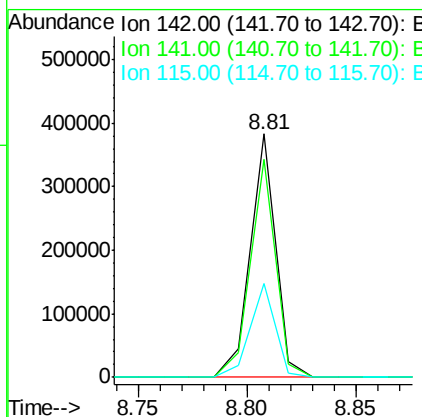
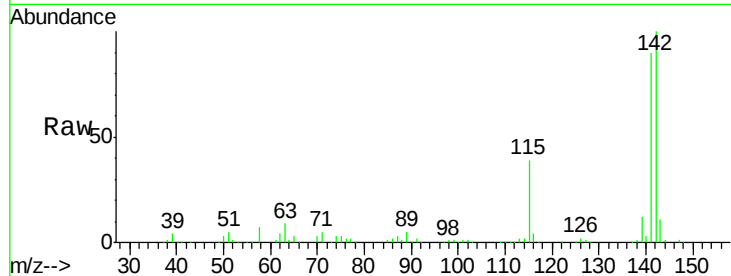
#37
2-Methylnaphthalene
Concen: 40.06 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	38.8	30.9	46.3

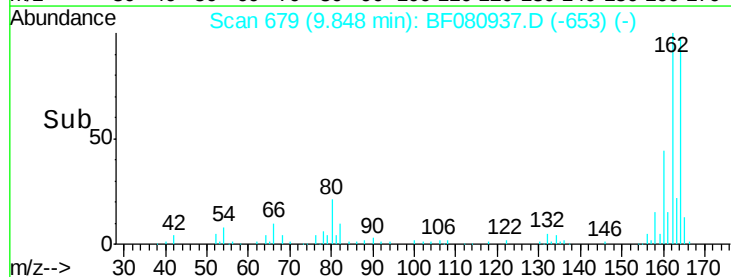
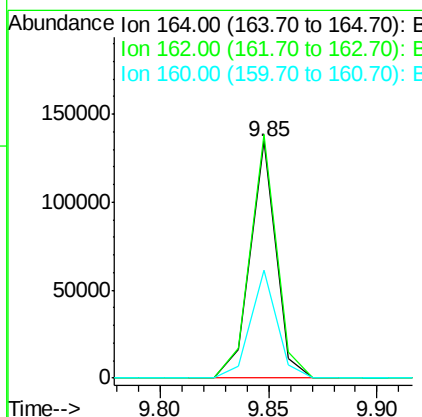
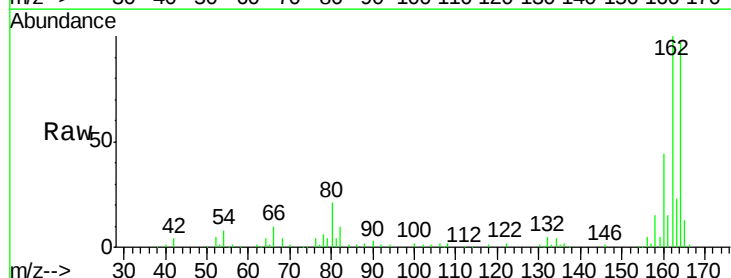
Manual Integrations
APPROVED

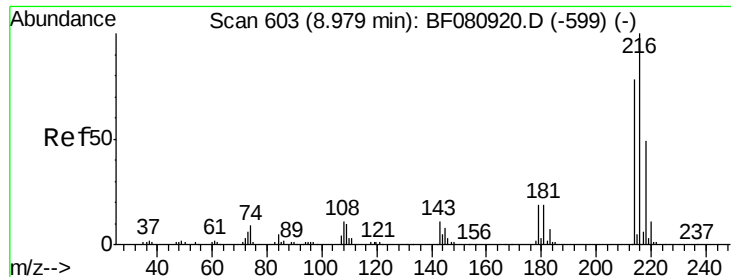
MMDadoda
8/10/2015 7:19:50 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.5	120.7
160	45.5	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.78 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080937.D

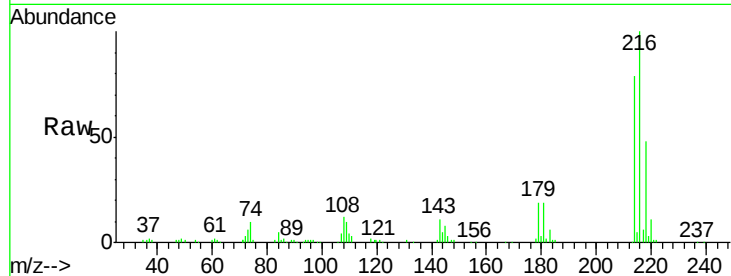
Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				

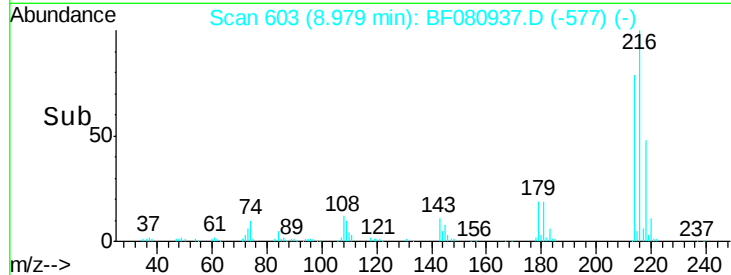
214	79.8	63.0	94.4
-----	------	------	------

179	21.5	17.2	25.8
-----	------	------	------

108	19.8	16.1	24.1
-----	------	------	------

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



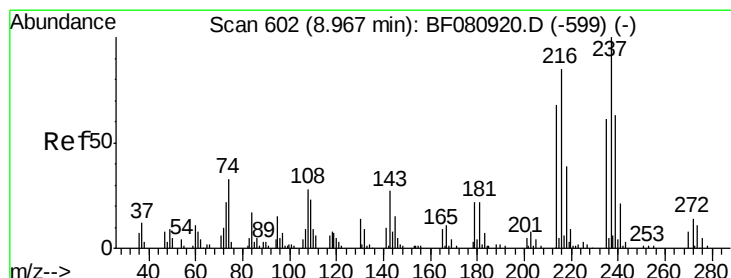
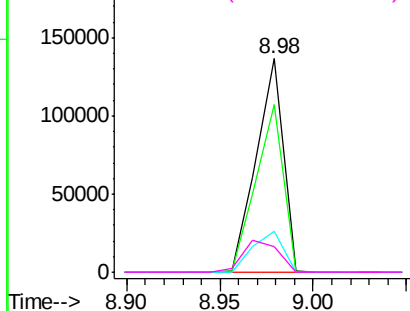
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.24 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

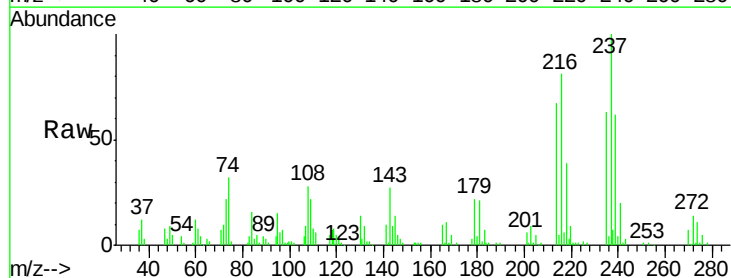
Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				

235	63.0	41.3	81.3
-----	------	------	------

272	13.6	0.0	33.6
-----	------	-----	------

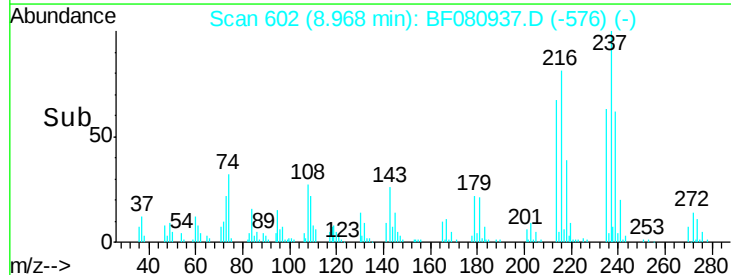
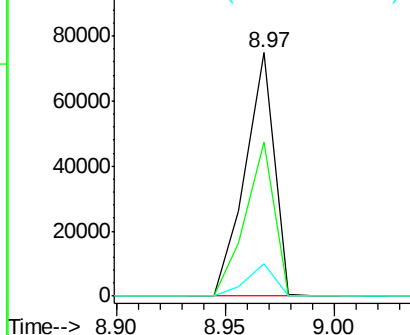


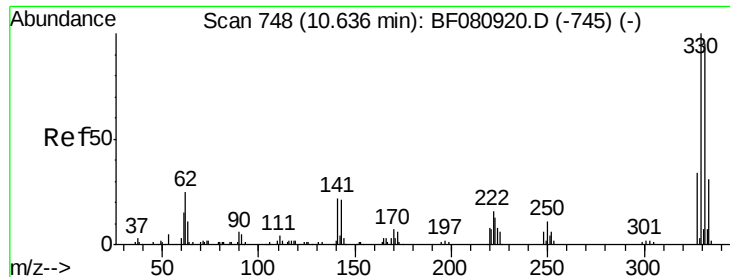
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





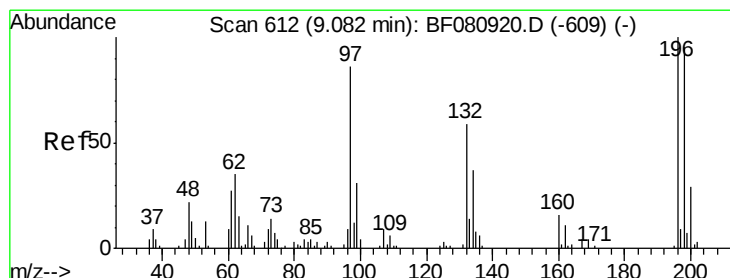
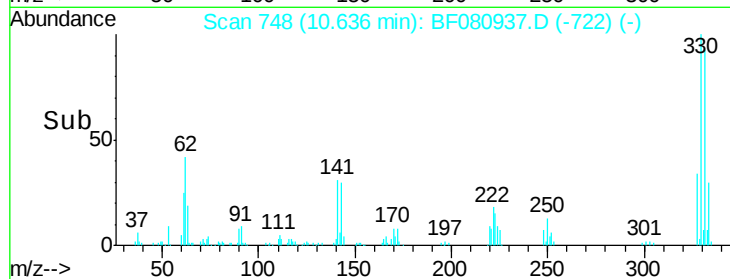
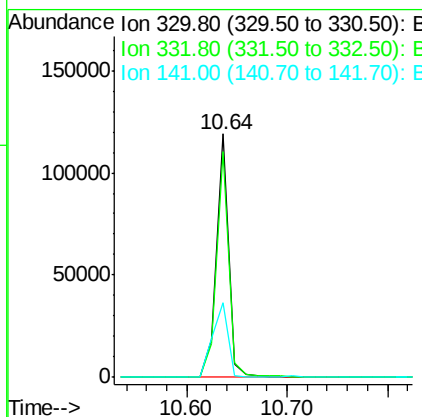
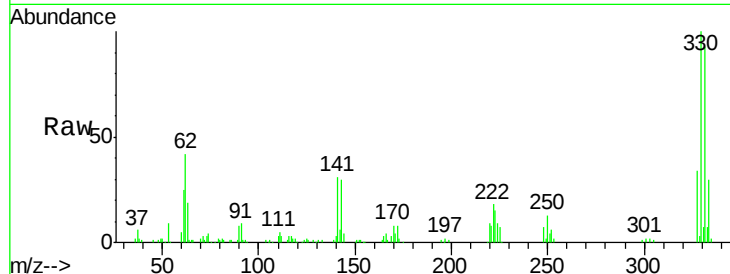
#41
 2,4,6-Tribromophenol
 Concen: 83.59 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	102155		
332	93.1	76.2	114.4	
141	39.0	27.8	41.8	

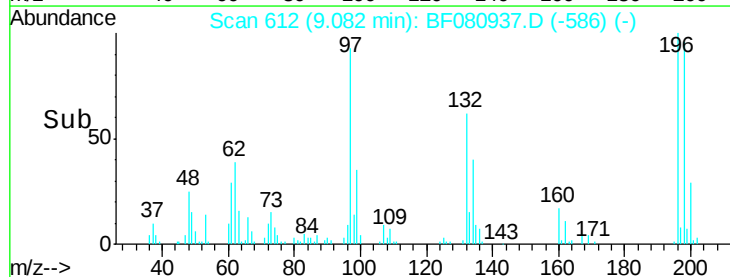
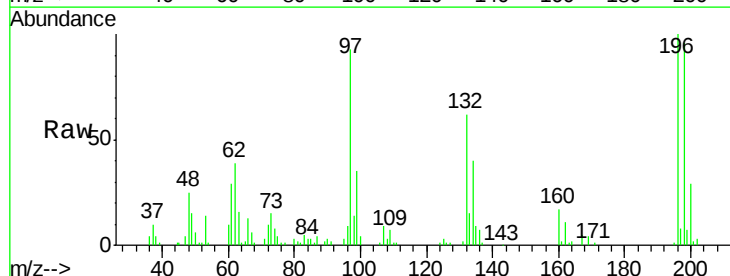
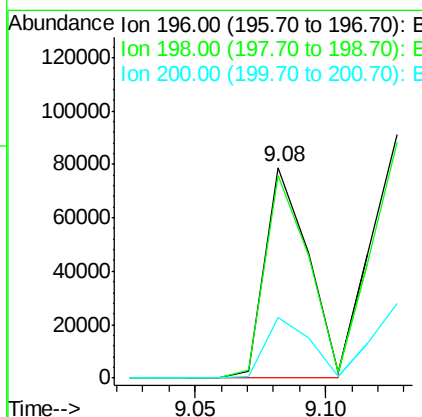
Manual Integrations
 APPROVED

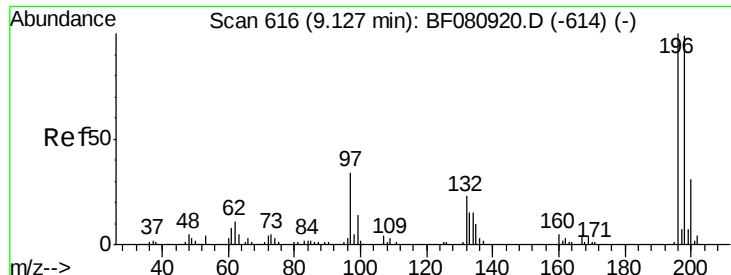
MMDadoda
 8/10/2015 7:19:50 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.51 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89249		
198	96.1	75.9	113.9	
200	28.8	23.1	34.7	





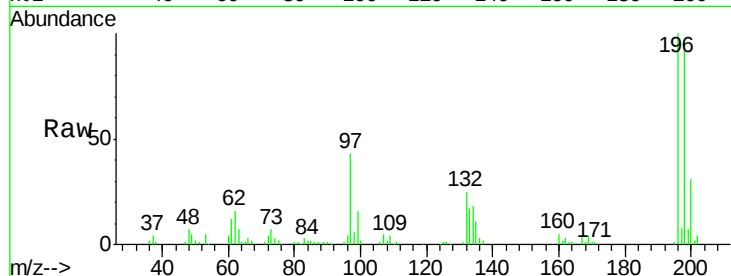
#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

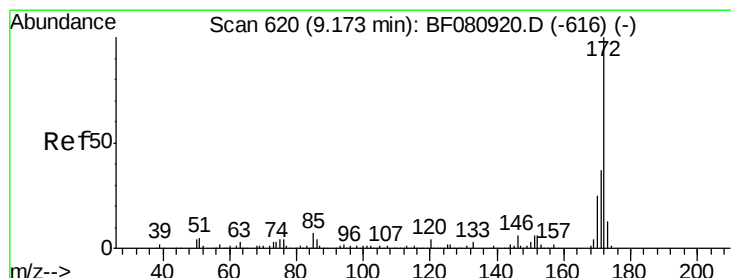
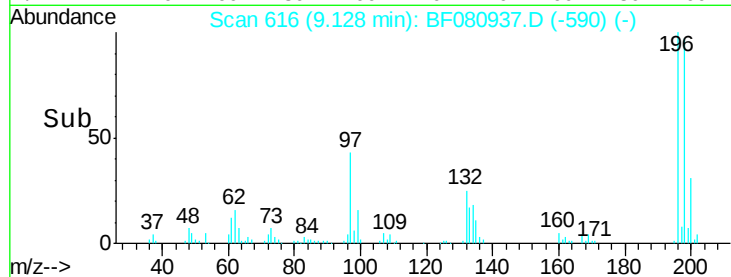
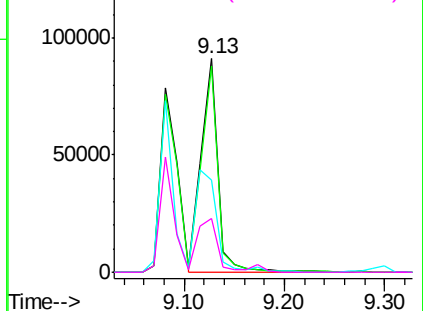
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		106275		
198	96.7	78.9	118.3		
97	43.4	29.1	43.7		
132	25.2	19.1	28.7		

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM

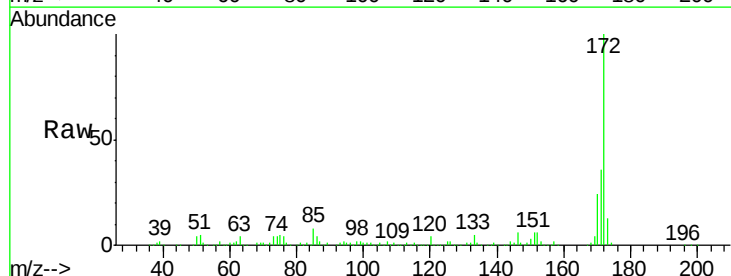


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

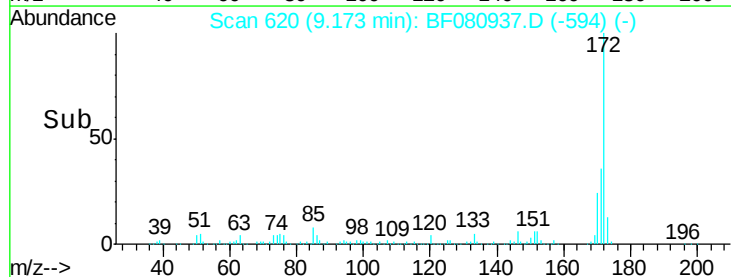
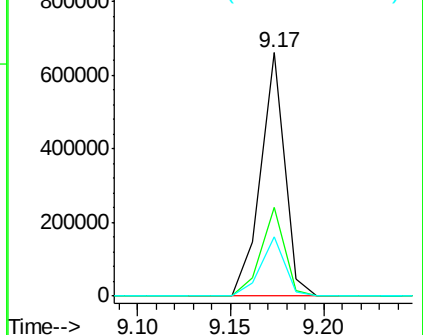


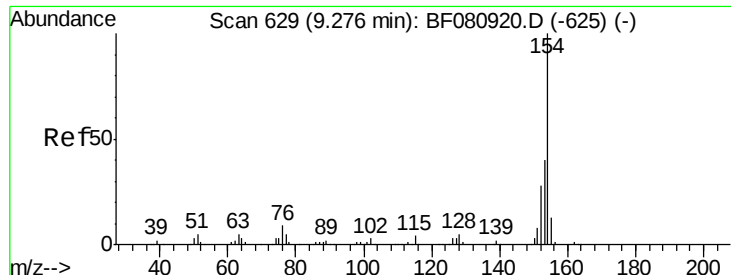
#44
 2-Fluorobiphenyl
 Concen: 74.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		587461		
171	36.5	29.4	44.0		
170	24.4	19.7	29.5		



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





#45

1,1'-Biphenyl

Concen: 40.92 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

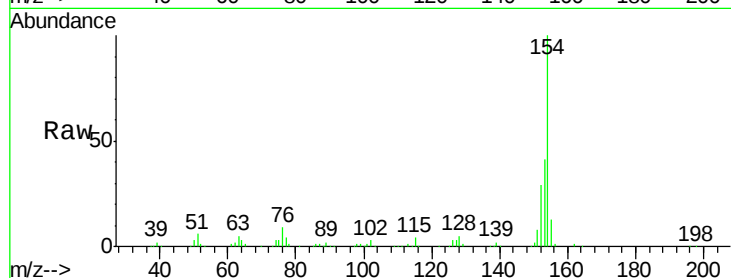
ClientSampleId :

SSTDCCC040EC

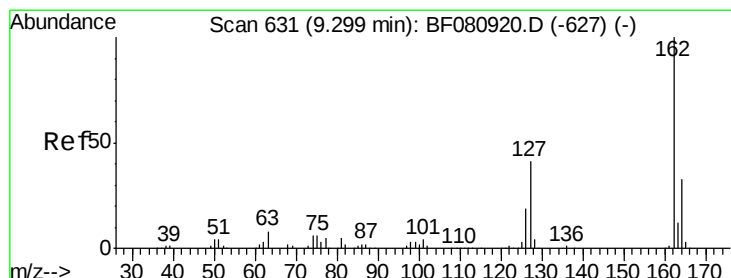
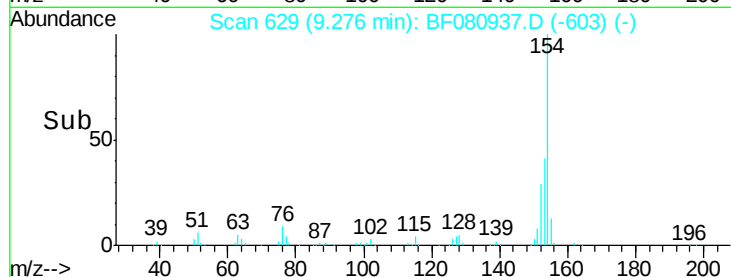
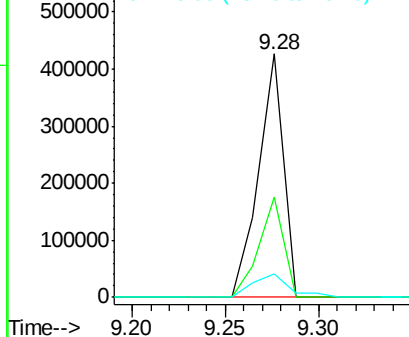
Tot Ion:	154	Resp:	390632
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.1	60.1
76	9.5	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 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: 41.25 ng

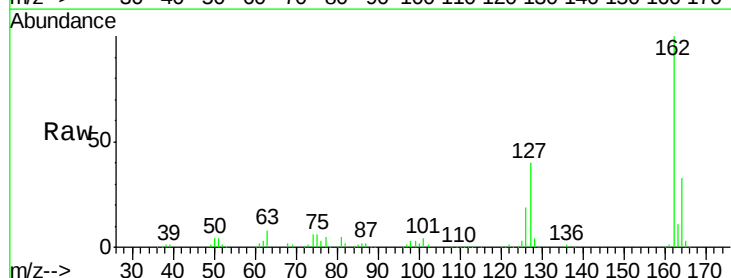
RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

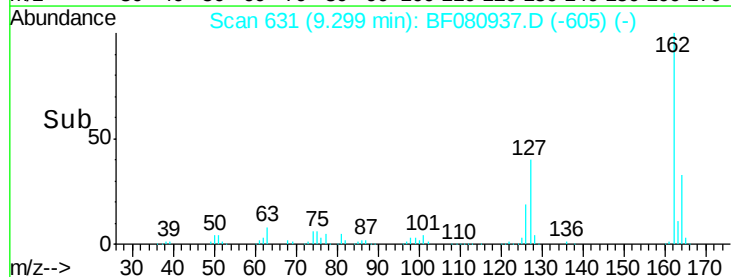
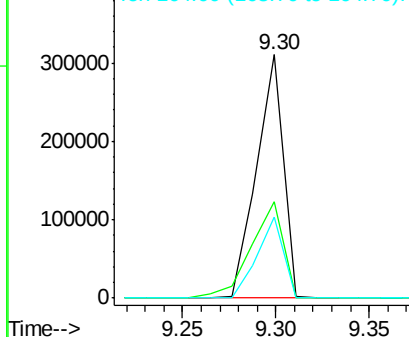
Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	162	Resp:	307002
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.5	48.7
164	33.0	26.2	39.4



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





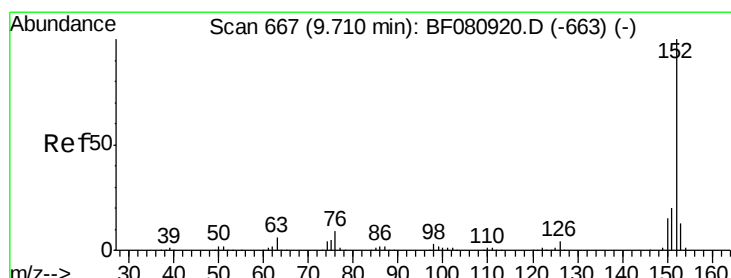
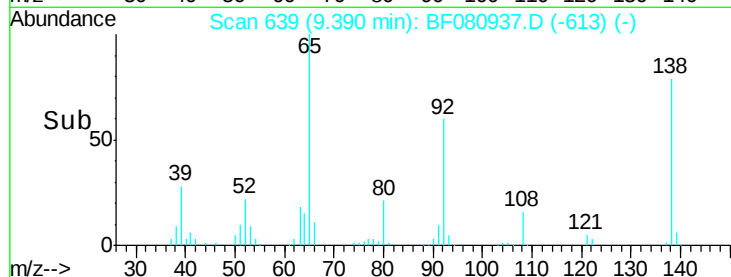
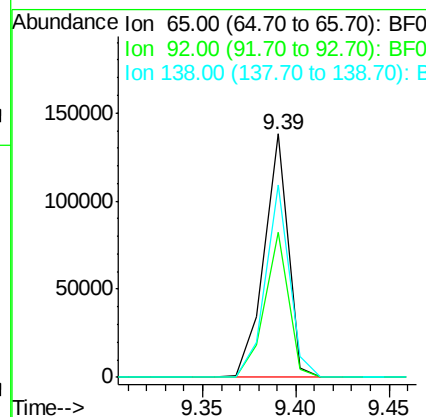
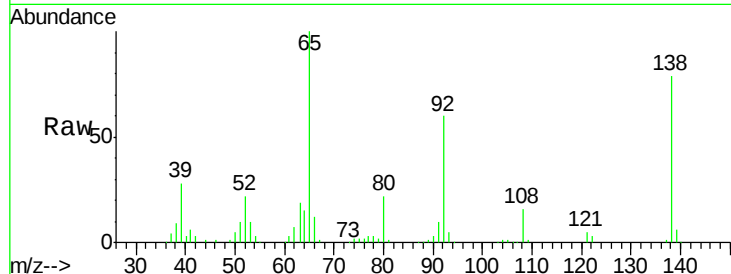
#47
 2-Nitroaniline
 Concen: 41.01 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.7	48.0	72.0
138	79.1	66.1	99.1

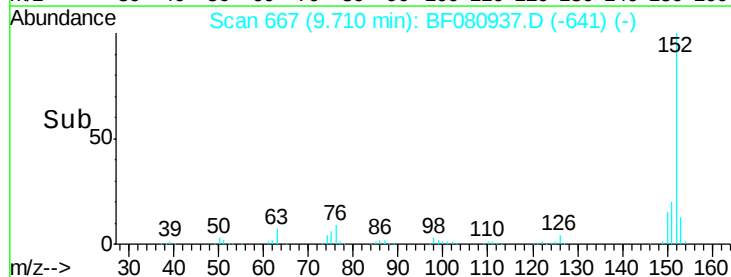
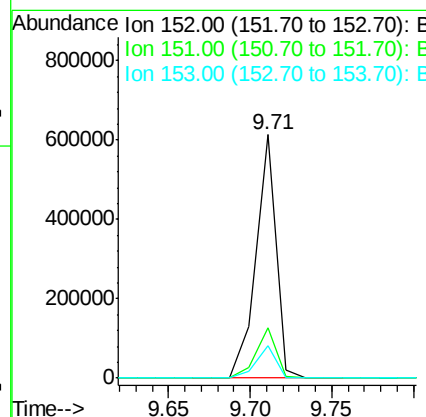
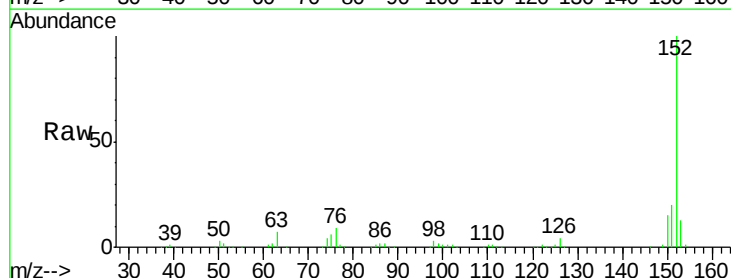
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM



#48
 Acenaphthylene
 Concen: 40.55 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.5	15.7





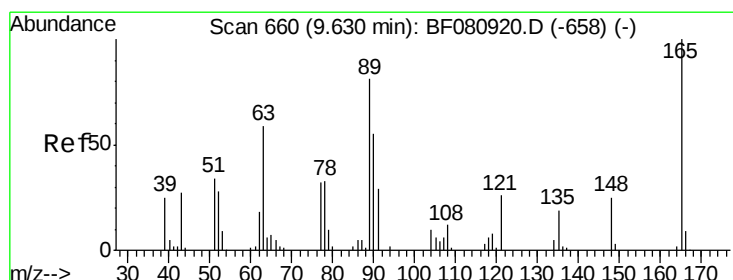
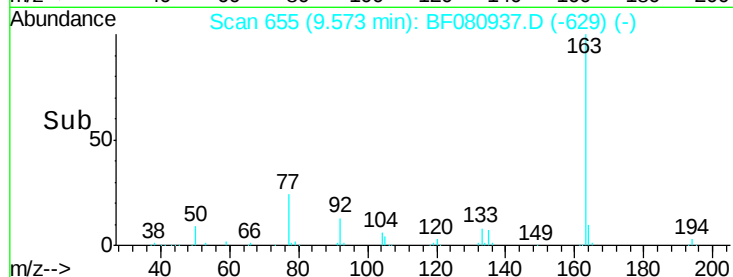
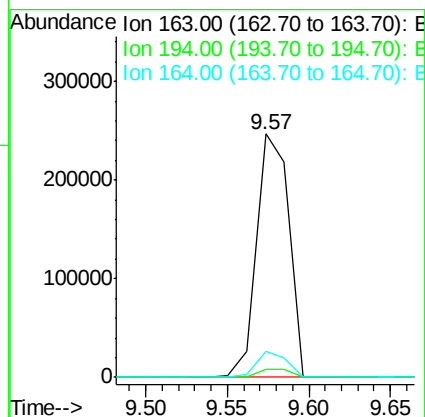
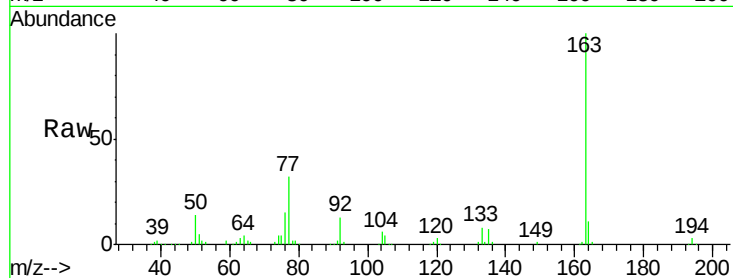
#49
Dimethylphthalate
Concen: 36.64 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	338562		
194	3.2	2.4	3.6	
164	10.6	8.2	12.4	

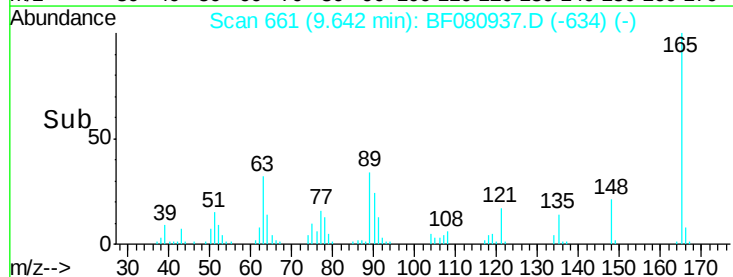
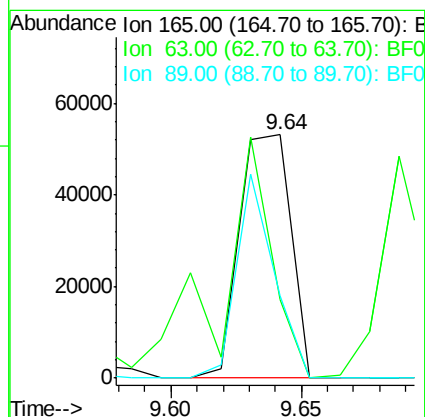
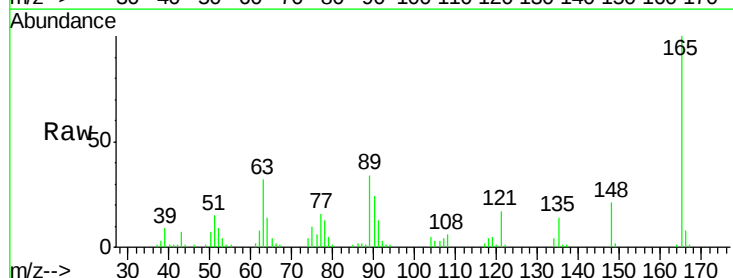
Manual Integrations
APPROVED

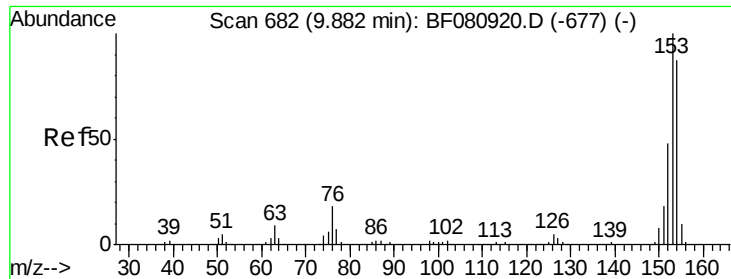
MMDadoda
8/10/2015 7:19:50 PM



#50
2,6-Dinitrotoluene
Concen: 38.57 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73622		
63	32.5	77.6	116.4#	
89	33.9	64.5	96.7#	





#51

Acenaphthene

Concen: 39.60 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080937.D

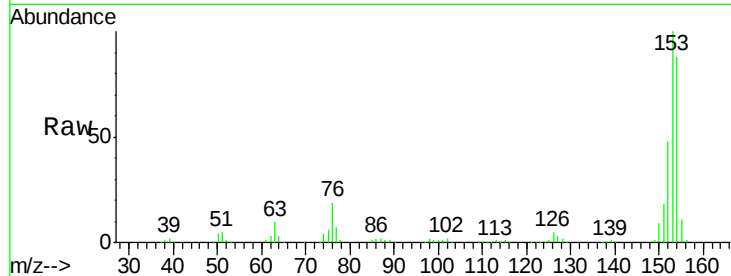
Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

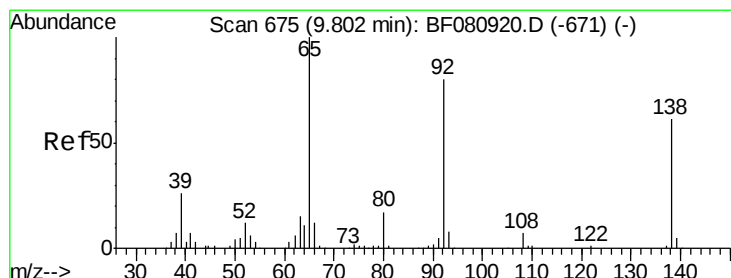
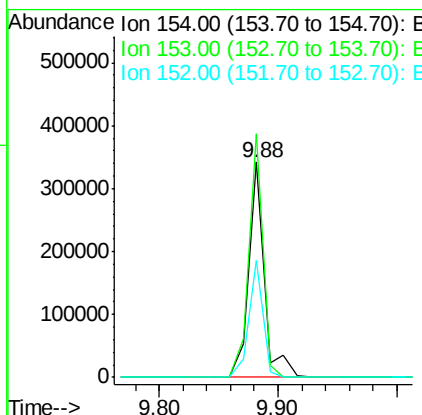
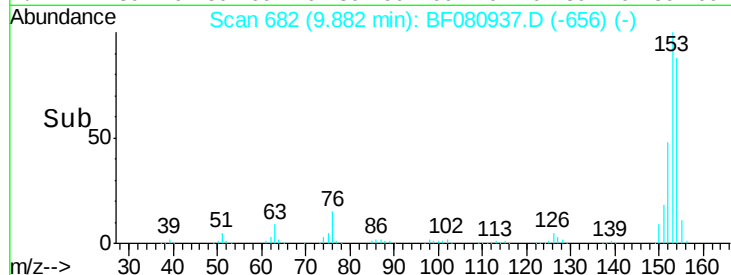
SSTDCCC040EC



Tot Ion:	154	Resp:	313805
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.4	137.2
152	54.6	44.2	66.4

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#52

3-Nitroaniline

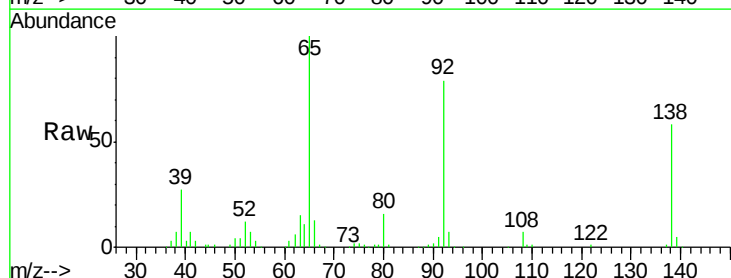
Concen: 37.13 ng

RT: 9.80 min Scan# 675

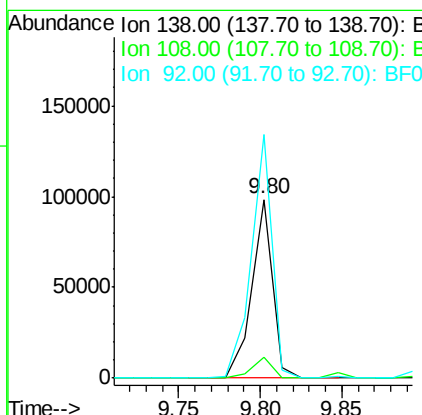
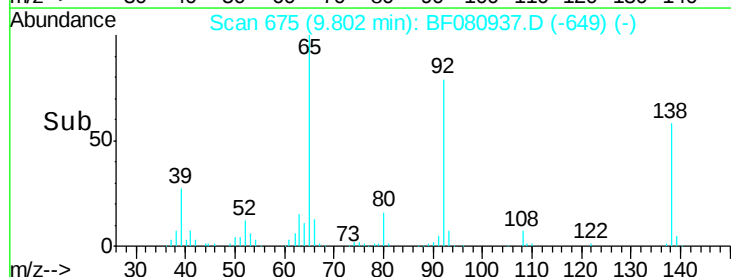
Delta R.T. 0.00 min

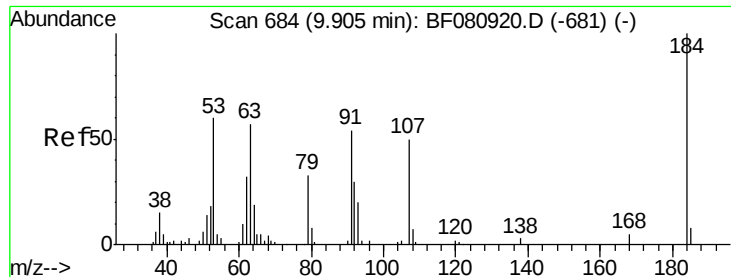
Lab File: BF080937.D

Acq: 7 Aug 2015 20:29



Tgt Ion:	138	Resp:	87391
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.7	13.1
92	136.1	104.4	156.6





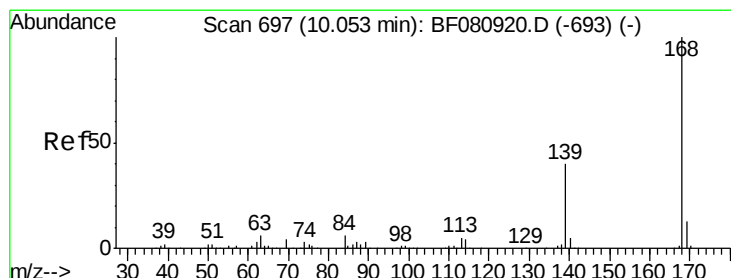
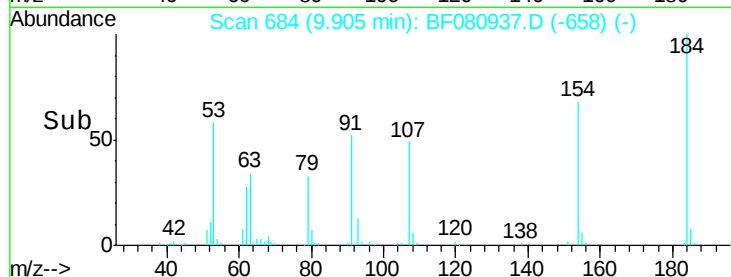
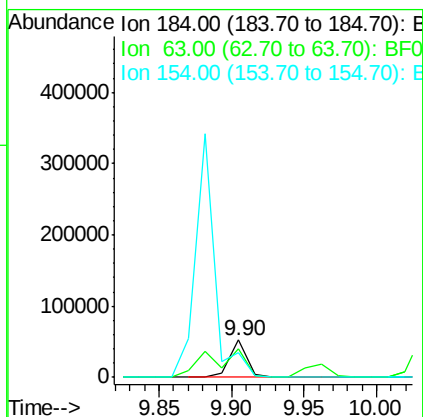
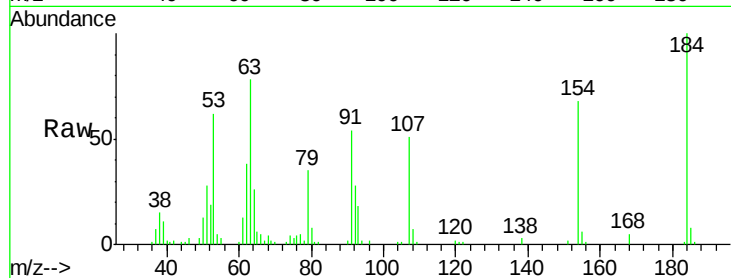
#53
2,4-Dinitrophenol
Concen: 40.59 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.8	59.7	89.5
154	68.0	53.8	80.8

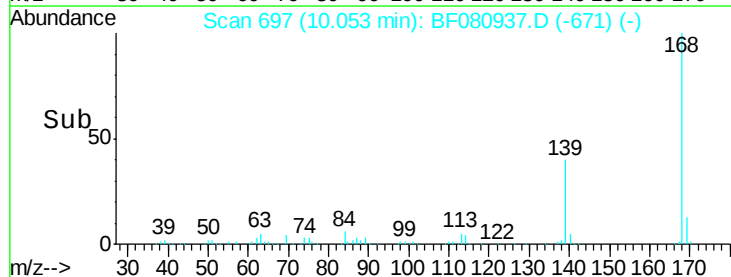
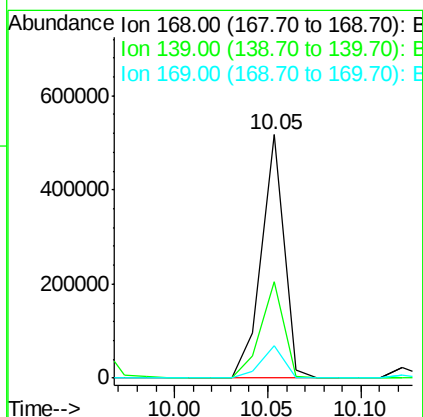
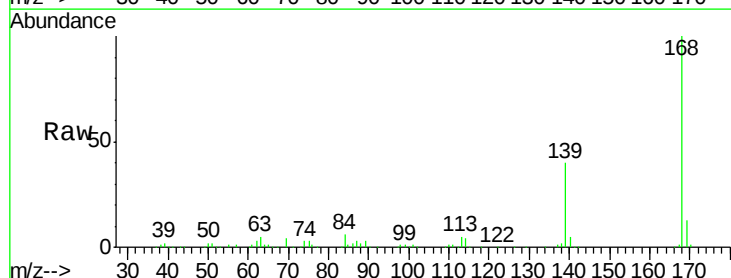
Manual Integrations
APPROVED

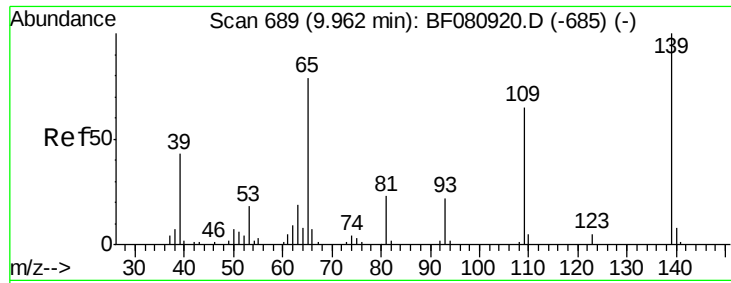
MMDadoda
8/10/2015 7:19:50 PM



#54
Dibenzofuran
Concen: 40.50 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.9	47.9
169	13.4	10.6	15.8





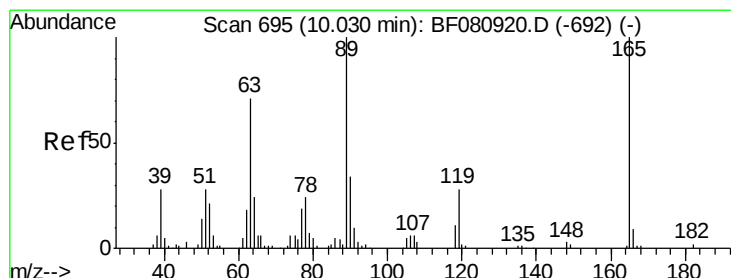
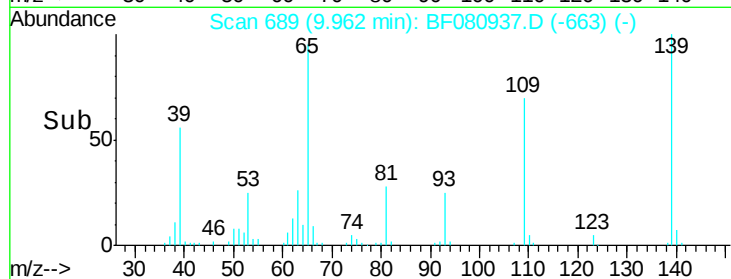
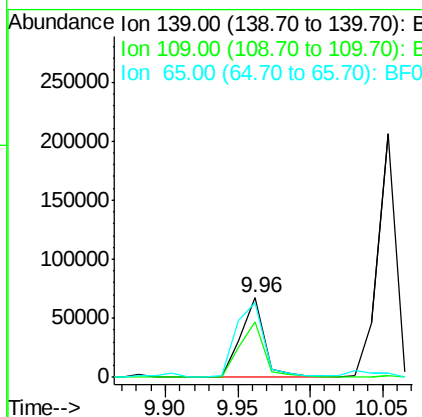
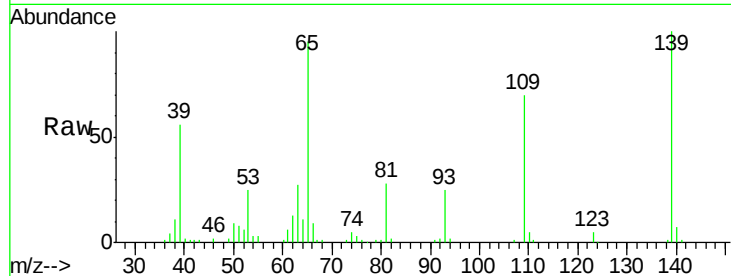
#55
4-Nitrophenol
Concen: 43.69 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	139	Resp:	76958
Ion Ratio	Lower	Upper	
139	100		
109	69.6	44.7	84.7
65	94.8	59.5	99.5

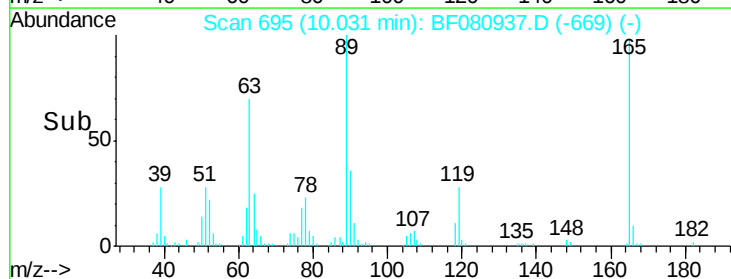
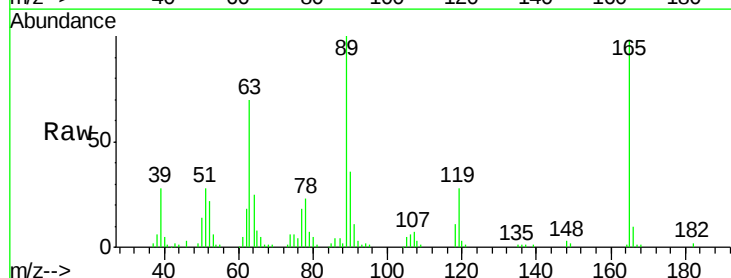
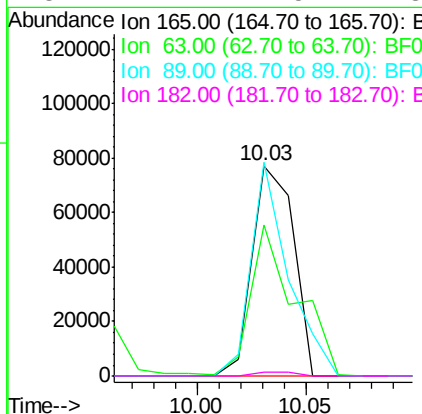
Manual Integrations
APPROVED

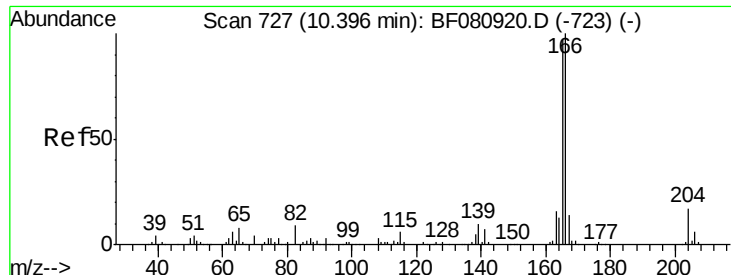
MMDadoda
8/10/2015 7:19:50 PM



#56
2,4-Dinitrotoluene
Concen: 40.16 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:	165	Resp:	102592
Ion Ratio	Lower	Upper	
165	100		
63	71.5	56.7	85.1
89	101.5	80.4	120.6
182	2.1	1.5	2.3





#57

Fluorene

Concen: 43.22 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

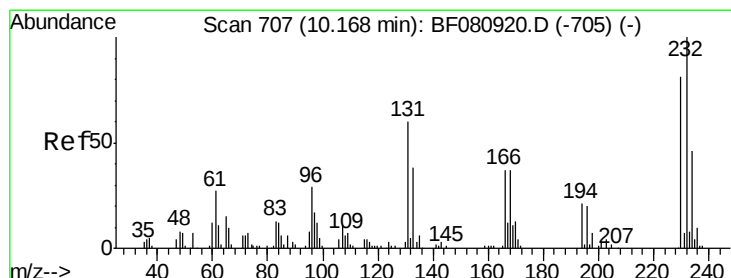
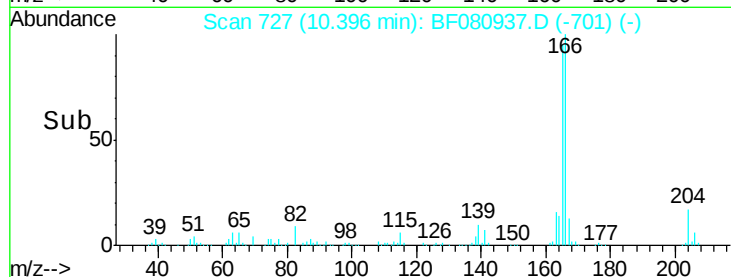
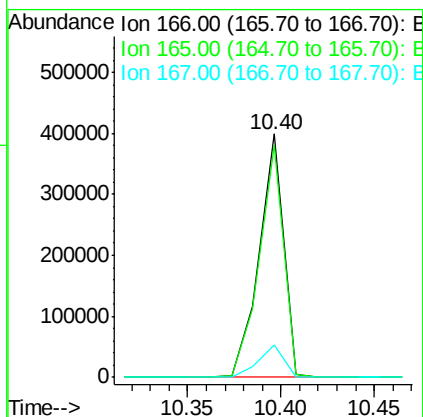
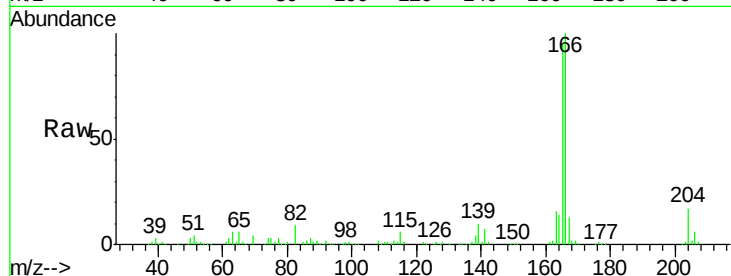
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM

Tot Ion:	166	Resp:	358309
Ion Ratio	Lower	Upper	
166	100		
165	95.4	77.2	115.8
167	13.4	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.44 ng m

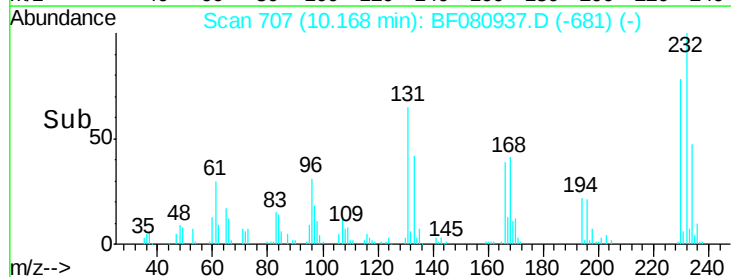
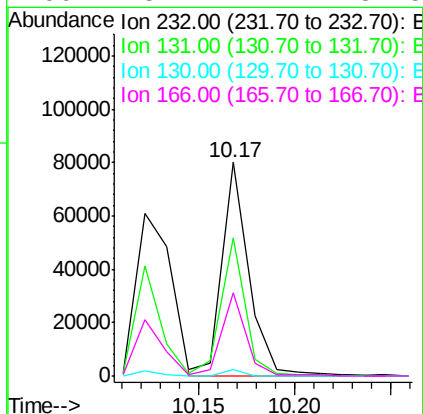
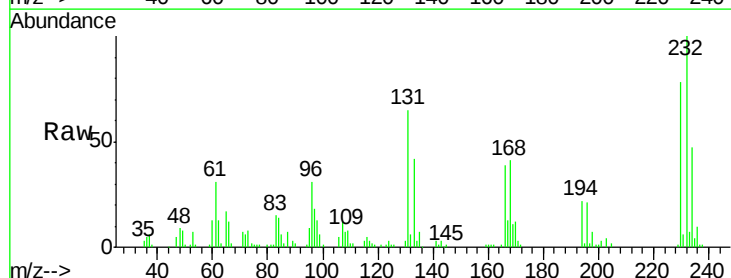
RT: 10.17 min Scan# 707

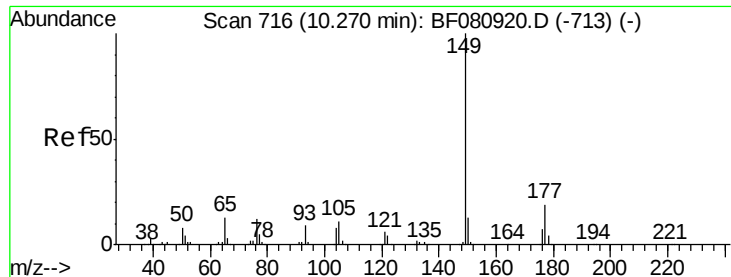
Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	232	Resp:	77058
Ion Ratio	Lower	Upper	
232	100		
131	49.2	39.4	59.2
130	2.4	2.1	3.1
166	28.2	21.7	32.5





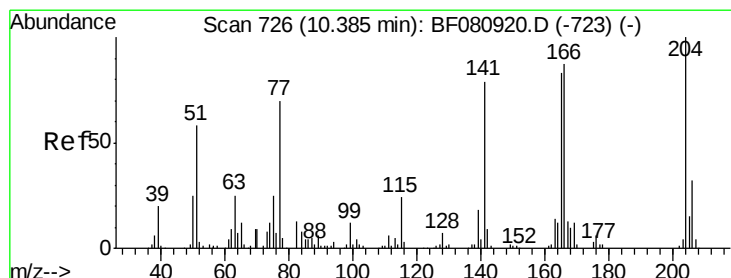
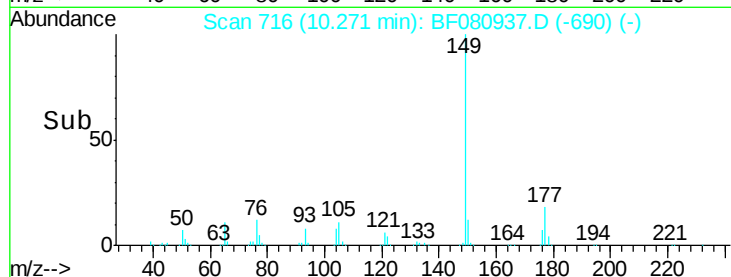
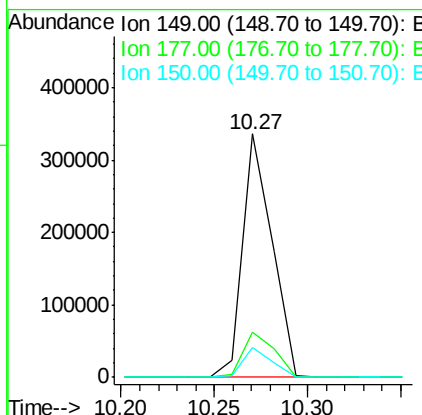
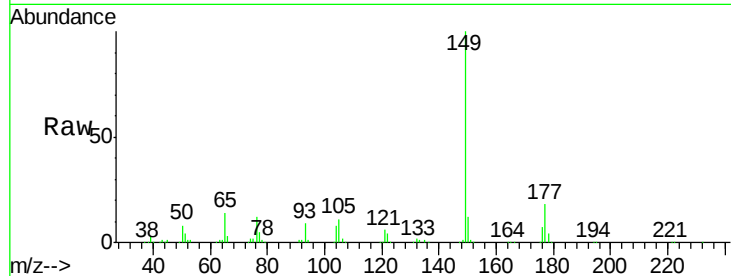
#59
Diethylphthalate
Concen: 38.20 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	367448		
177	18.4	15.0	22.4	
150	12.5	10.4	15.6	

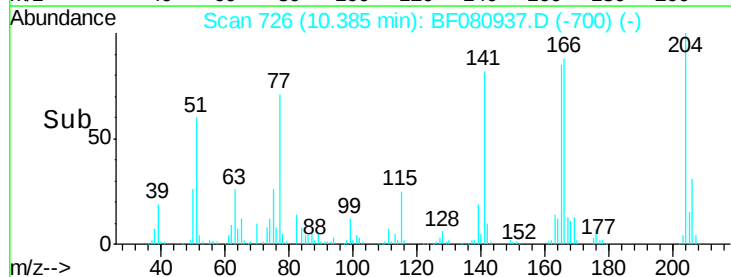
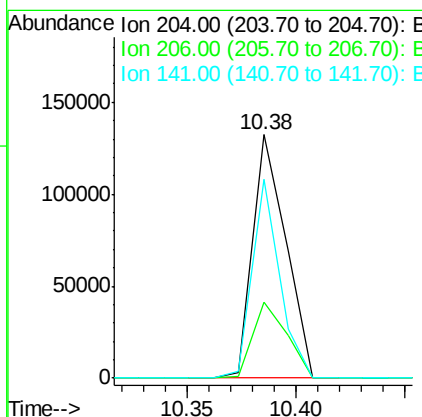
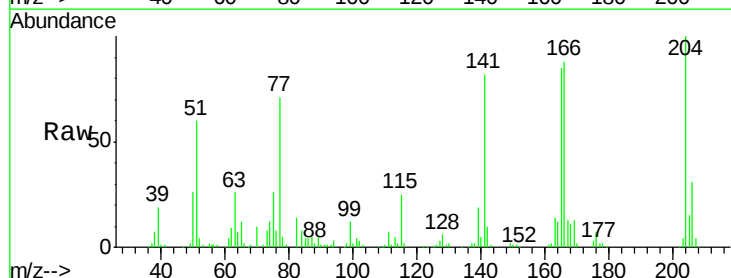
Manual Integrations
APPROVED

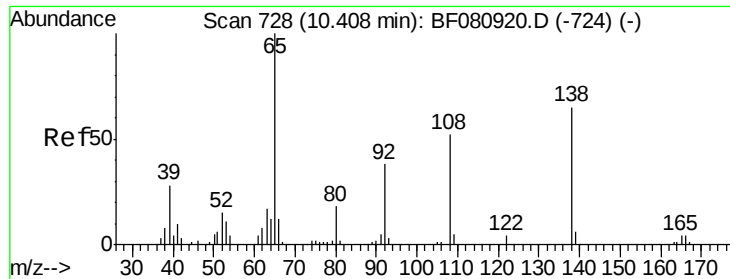
MMDadoda
8/10/2015 7:19:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.72 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	140254		
206	30.9	25.5	38.3	
141	81.6	63.4	95.0	





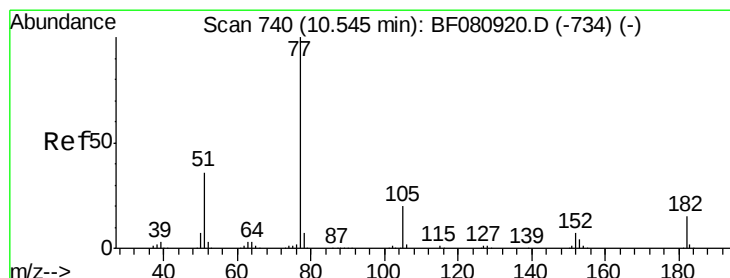
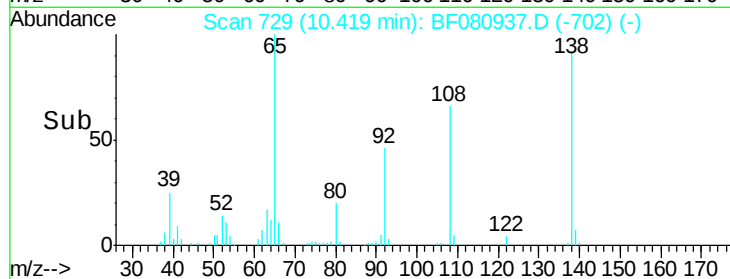
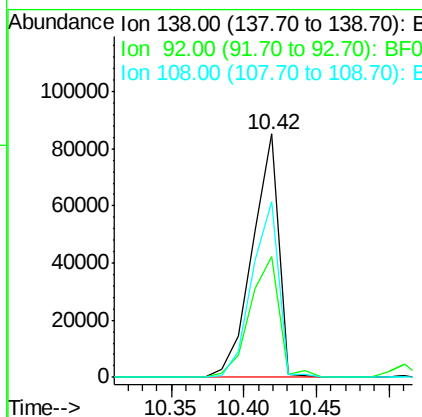
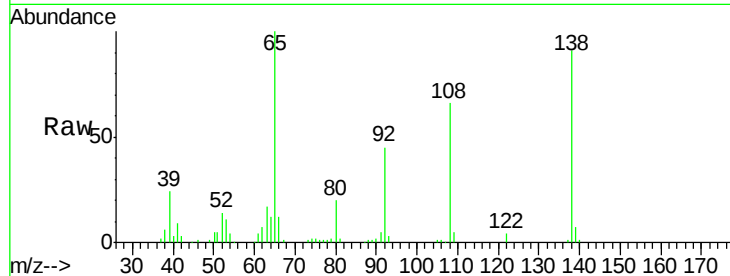
#61
4-Nitroaniline
Concen: 43.90 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	106313		
92	49.7	38.1	78.1	
108	72.3	59.9	99.9	

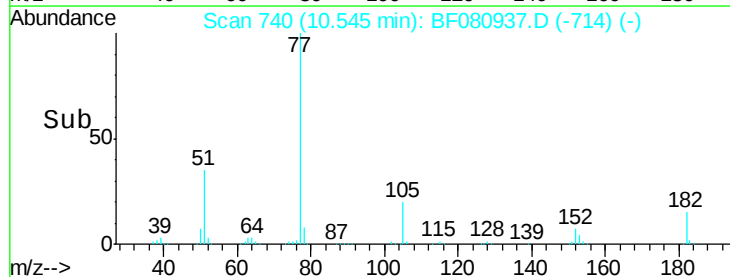
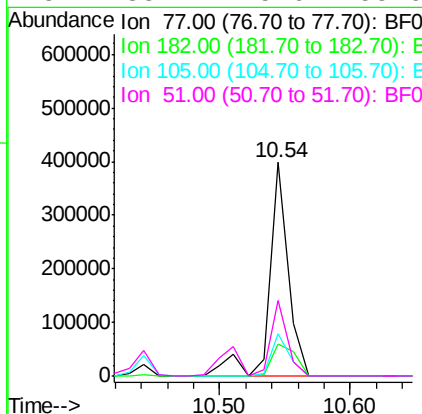
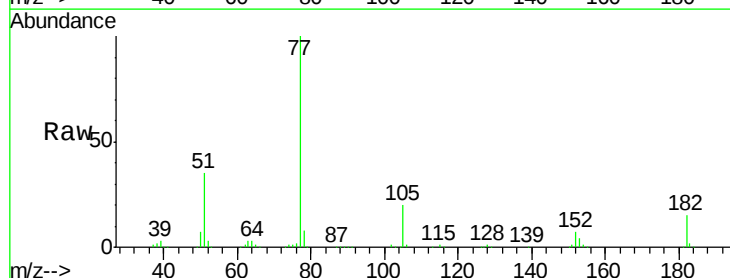
Manual Integrations
APPROVED

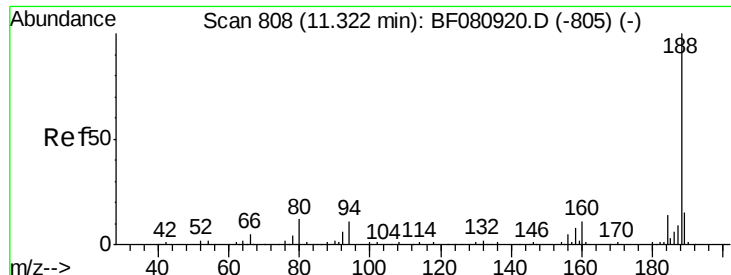
MMDadoda
8/10/2015 7:19:50 PM



#62
Azobenzene
Concen: 37.68 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	405258		
182	14.9	0.0	35.5	
105	19.9	0.5	40.5	
51	35.2	15.6	55.6	





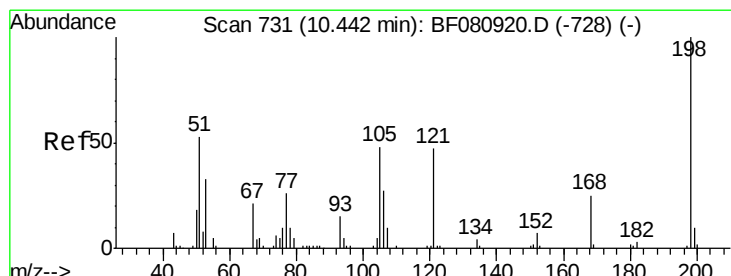
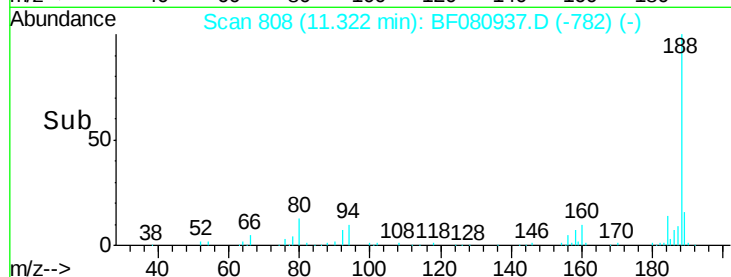
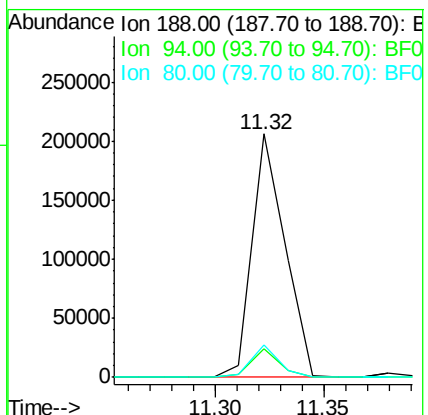
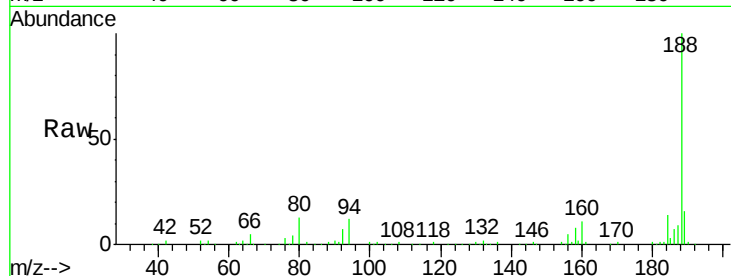
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	216850		
94	11.7		8.8	13.2
80	13.2		9.5	14.3

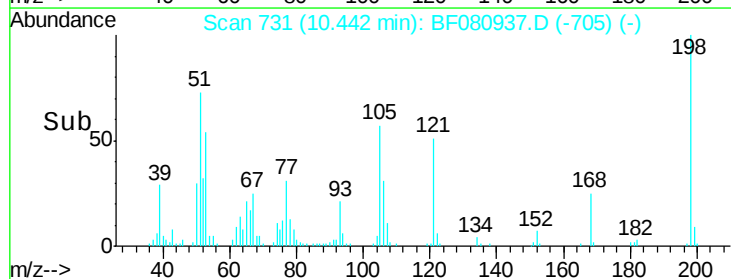
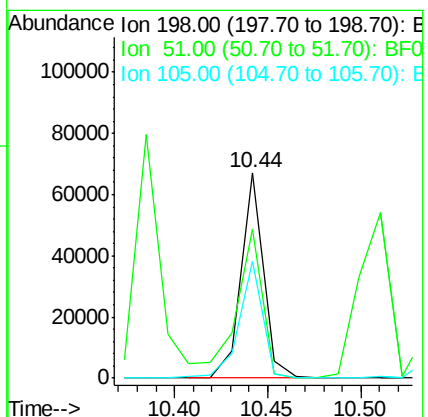
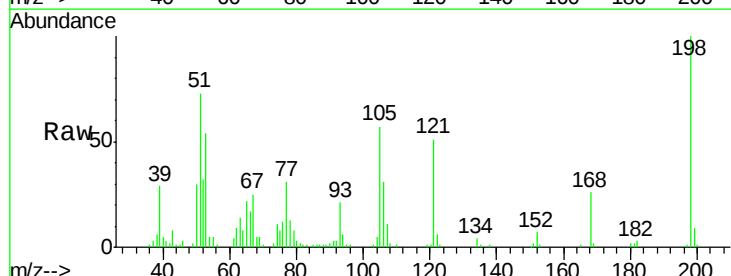
Manual Integrations
 APPROVED

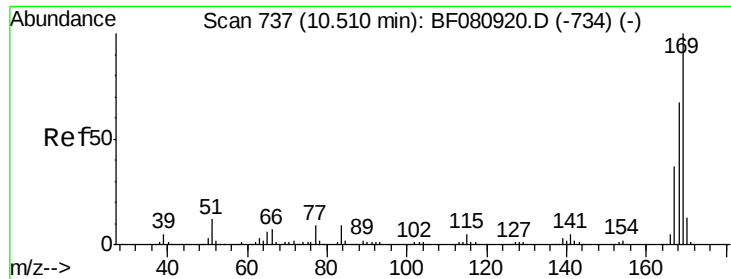
MMDadoda
 8/10/2015 7:19:50 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.89 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56290		
51	72.6		40.3	80.3
105	56.7		29.6	69.6





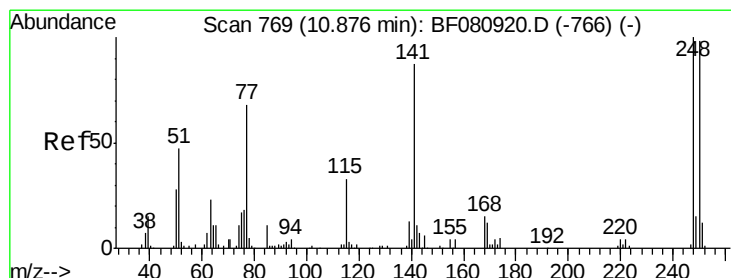
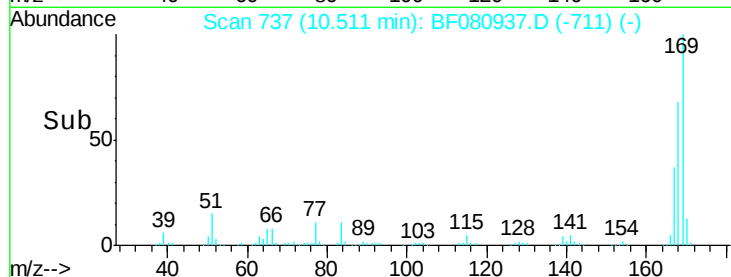
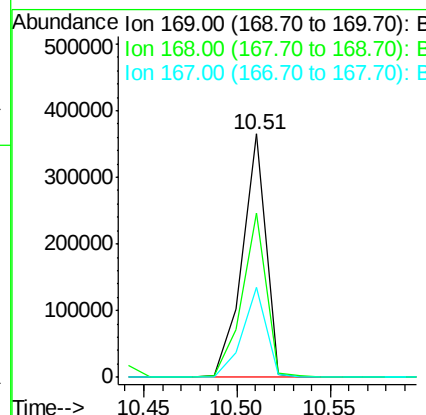
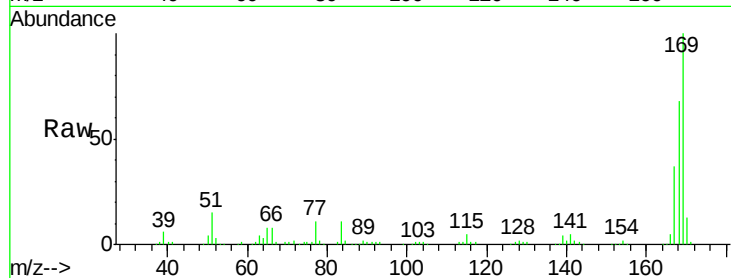
#65
 n-Nitrosodiphenylamine
 Concen: 43.27 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

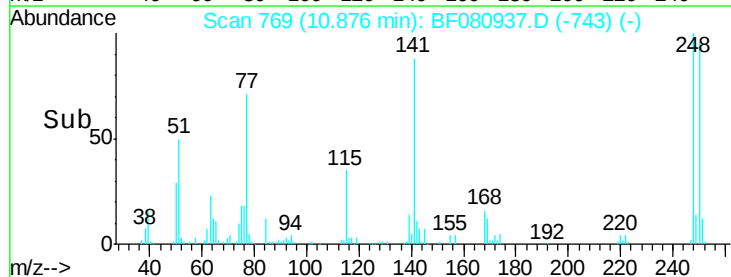
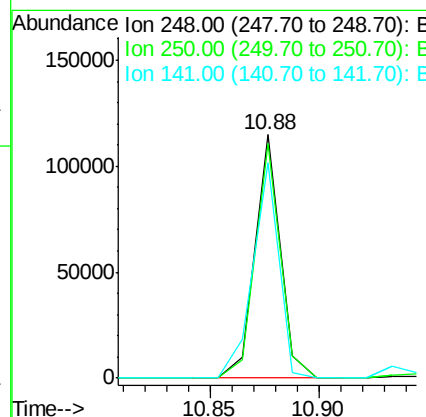
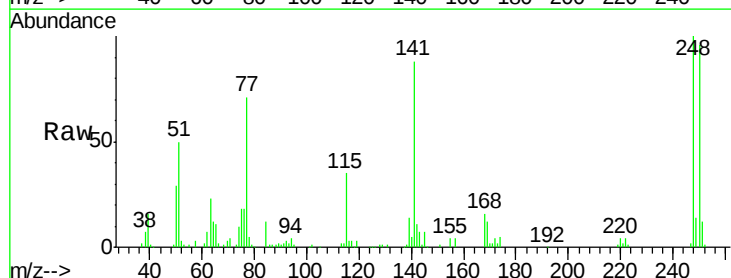
MMDadoda
 8/10/2015 7:19:50 PM

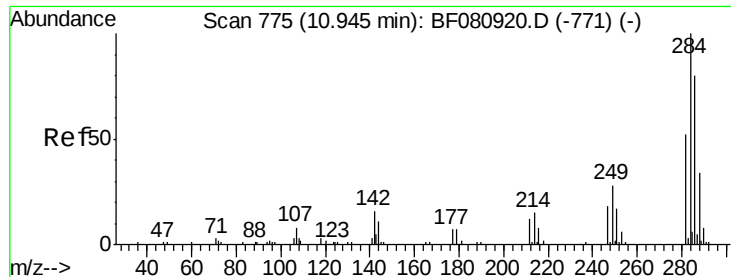
Tot Ion	Ratio	Resp	Lower	Upper
169	100	326006		
168	67.6	53.7	80.5	
167	37.1	29.3	43.9	



#66
 4-Bromophenyl-phenylether
 Concen: 40.36 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	92708		
250	96.3	78.1	117.1	
141	88.4	69.6	104.4	





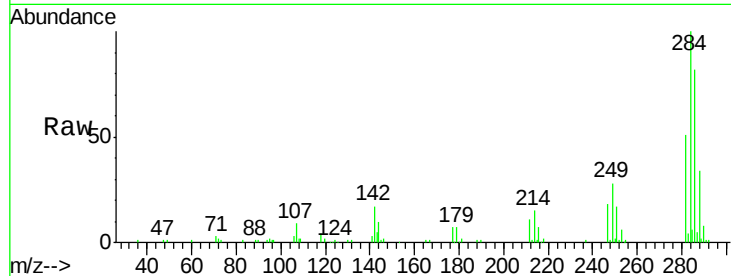
#67
Hexachlorobenzene
Concen: 41.13 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

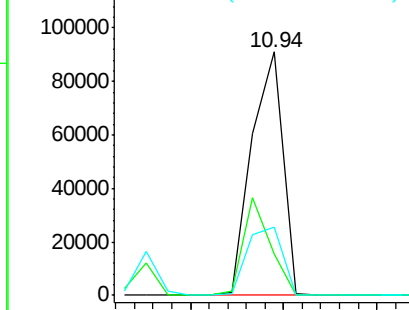
Tot Ion	Ratio	Resp	Lower	Upper
284	100	105021		
142	17.1	12.8	19.2	
249	28.1	22.5	33.7	

Manual Integrations
APPROVED

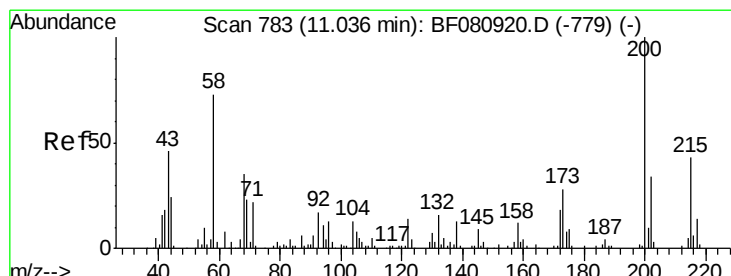
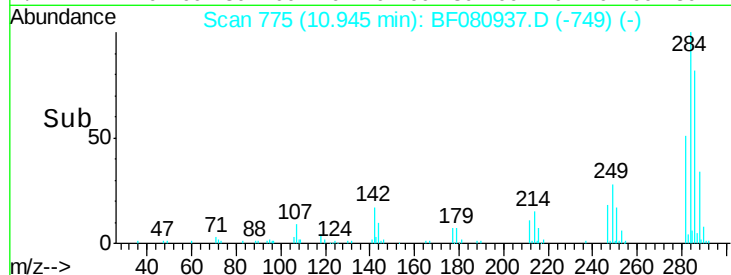
MMDadoda
8/10/2015 7:19:50 PM



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

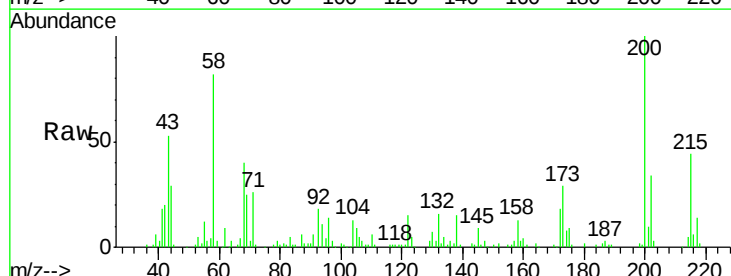


Time-->

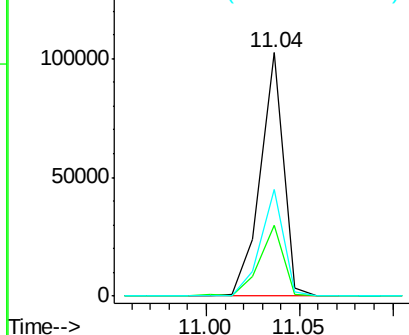


#68
Atrazine
Concen: 40.45 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

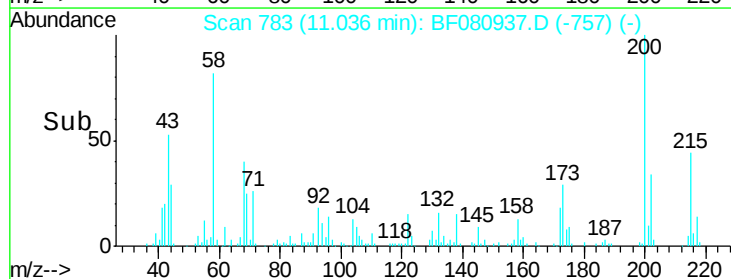
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	89352		
173	28.9	8.4	48.4	
215	43.6	22.7	62.7	



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



Time-->





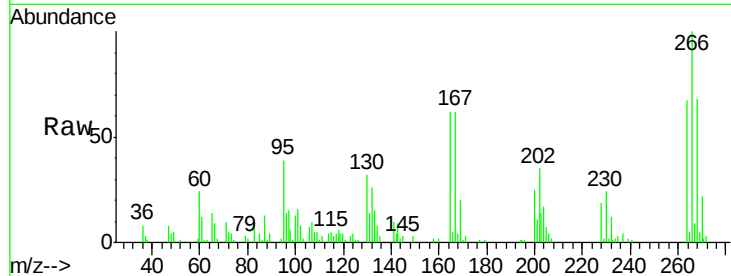
#69
 Pentachlorophenol
 Concen: 39.84 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

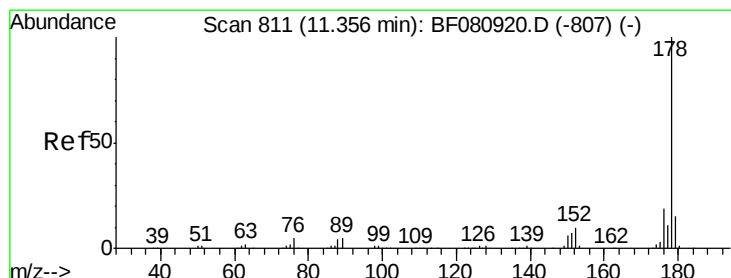
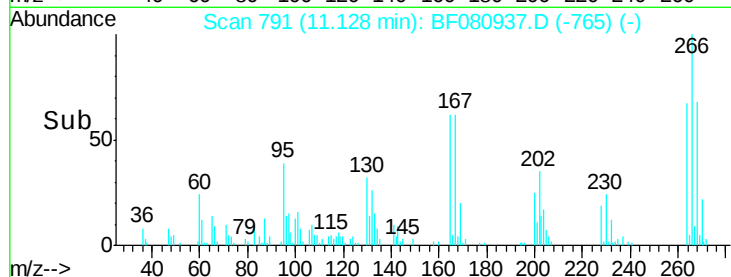
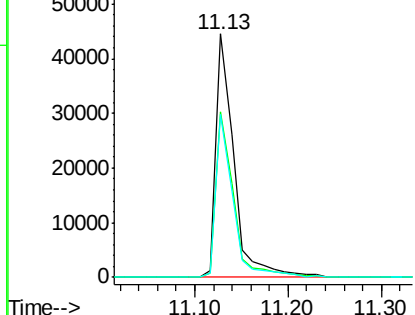
Tot Ion	Ratio	Resp	Lower	Upper
266	100	59155		
268	67.9	51.6	77.4	
264	67.0	50.1	75.1	

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM

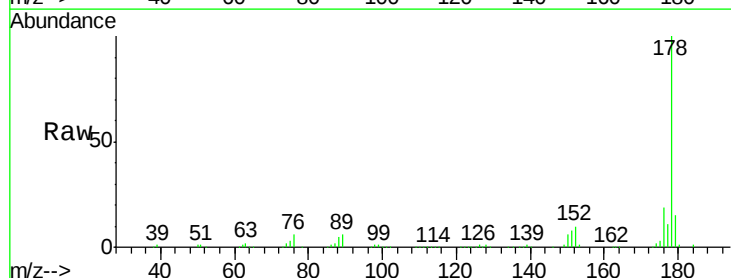


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

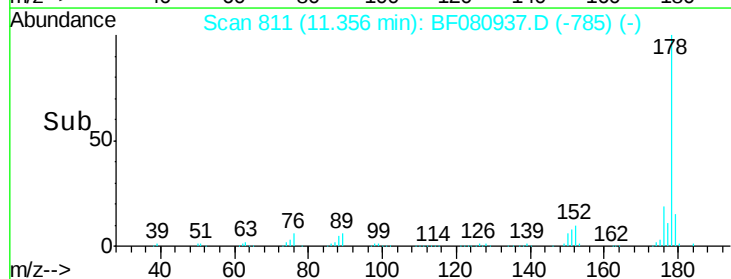
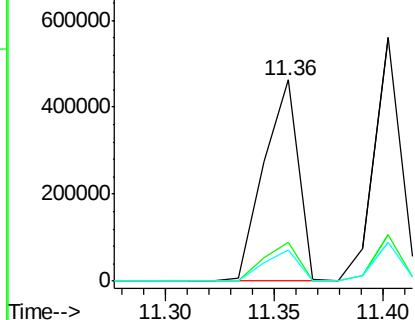


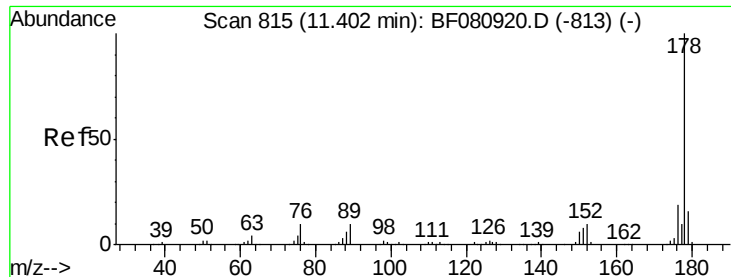
#70
 Phenanthrene
 Concen: 41.80 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	513304		
176	19.2	15.6	23.4	
179	15.3	11.9	17.9	



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





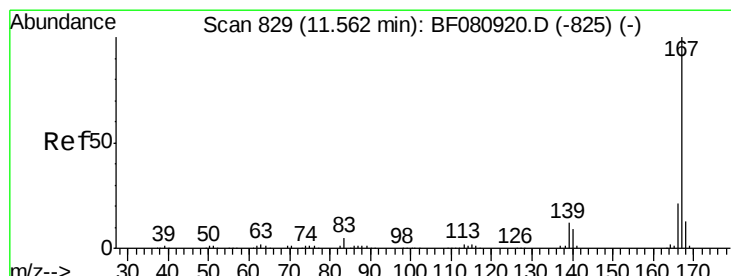
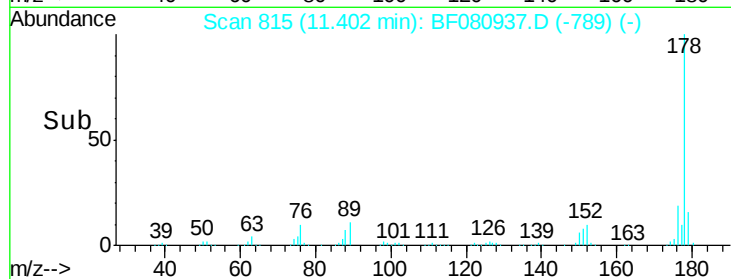
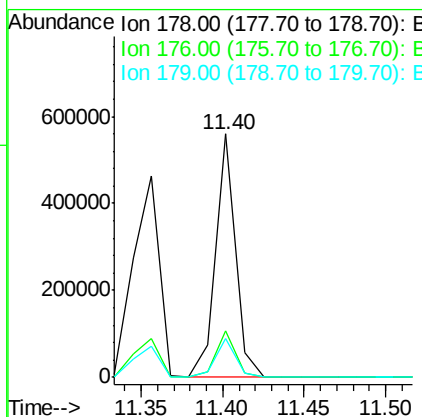
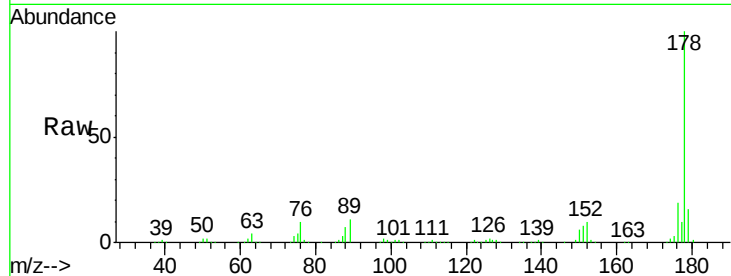
#71
 Anthracene
 Concen: 38.99 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		473960		
176	19.2	15.5	23.3		
179	15.8	12.6	18.8		

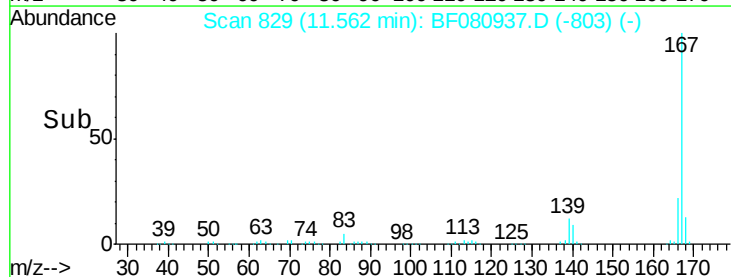
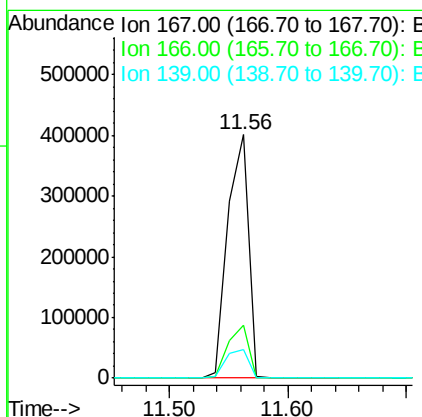
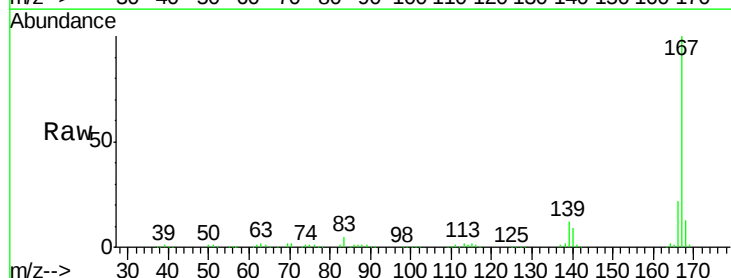
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM



#72
 Carbazole
 Concen: 41.06 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		485984		
166	21.5	17.1	25.7		
139	11.9	9.2	13.8		





#73

Di-n-butylphthalate

Concen: 40.54 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

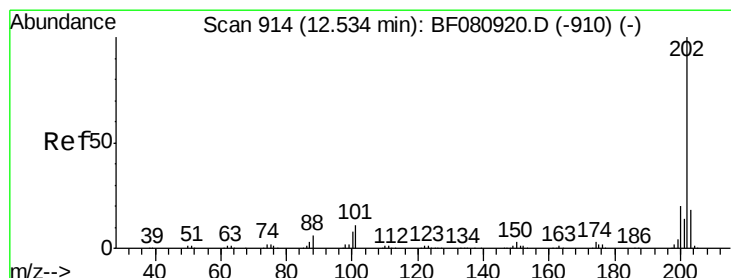
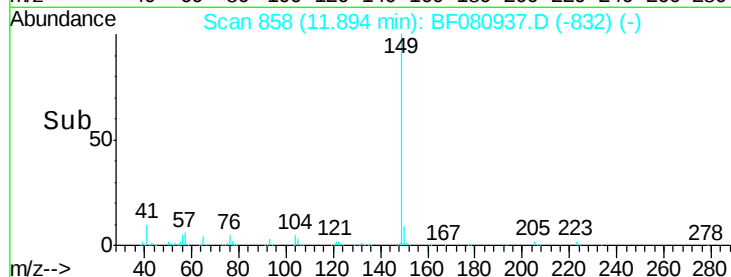
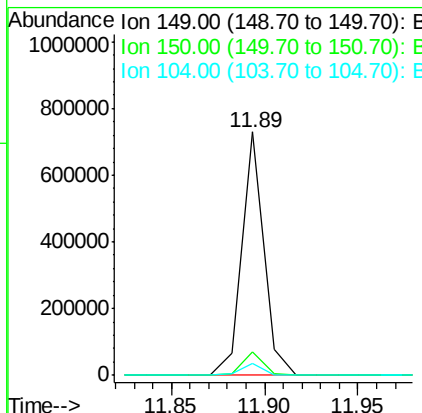
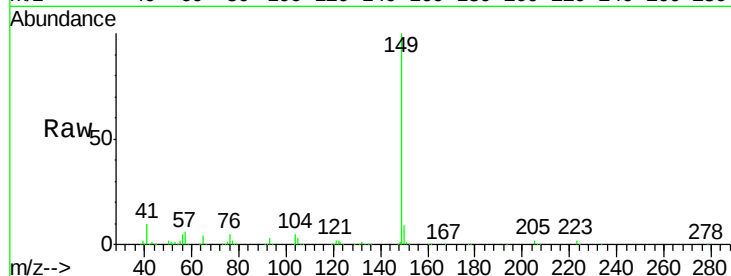
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM

Tot Ion:	149	Resp:	600030
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.2	4.4	6.6



#74

Fluoranthene

Concen: 40.03 ng

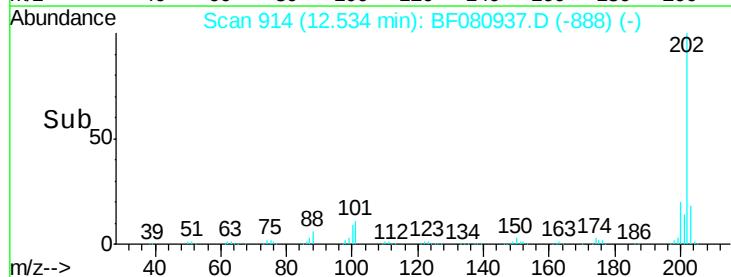
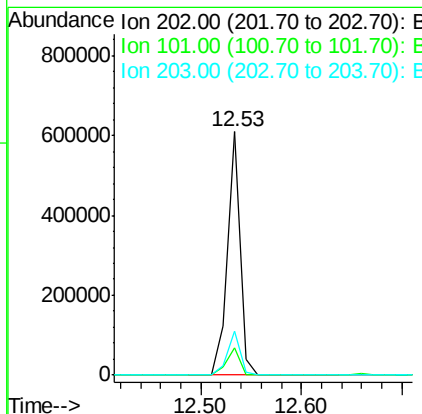
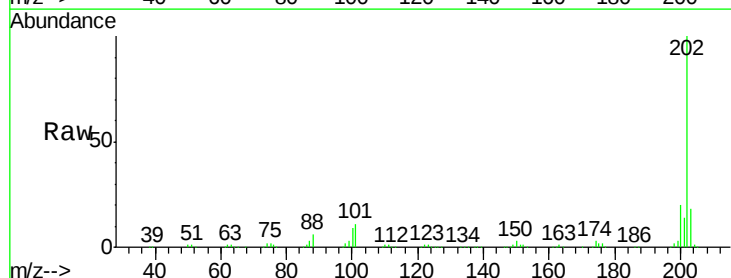
RT: 12.53 min Scan# 914

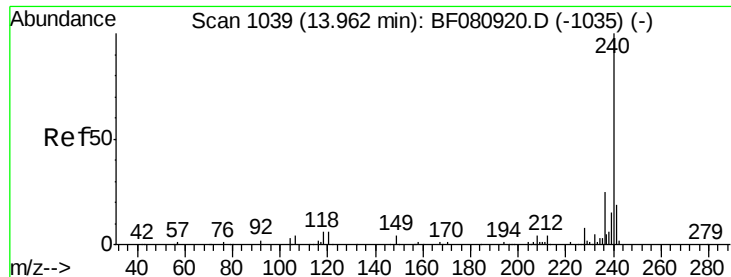
Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	202	Resp:	531414
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.5
203	17.9	0.0	37.7





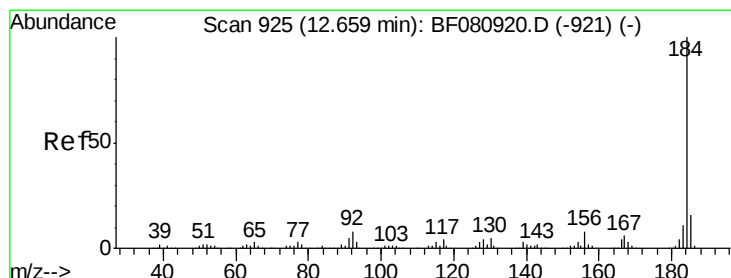
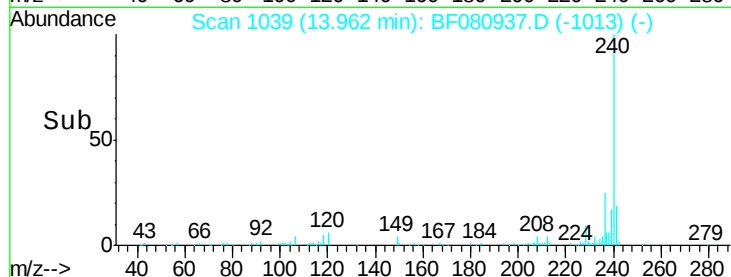
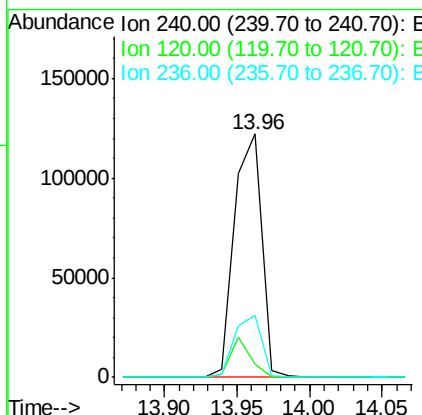
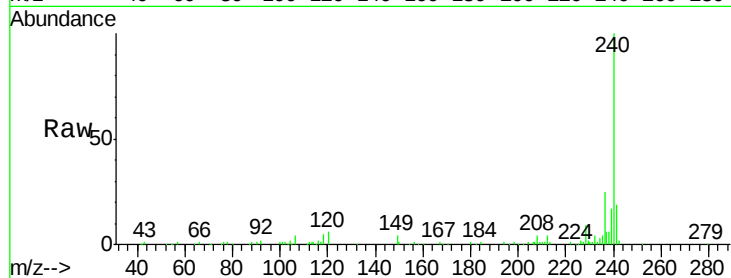
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.2	7.8
236	25.4	20.2	30.4

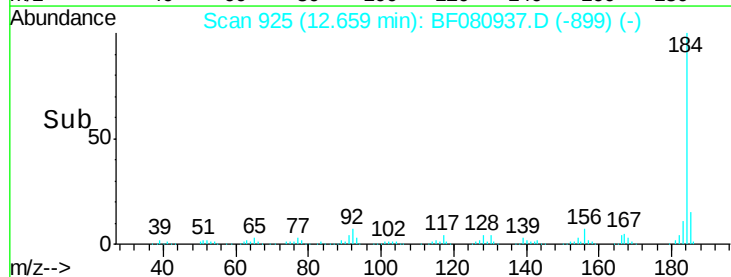
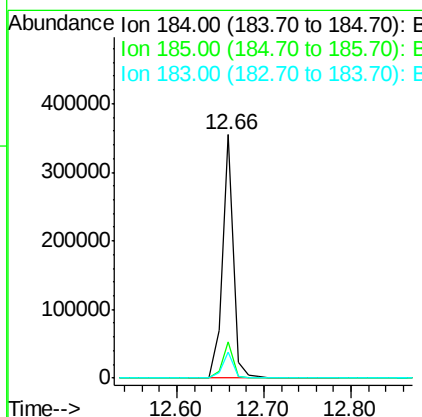
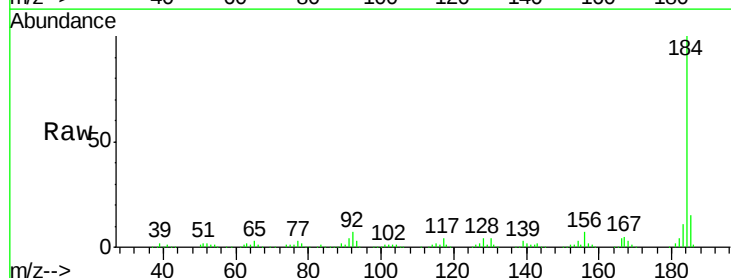
Manual Integrations
APPROVED

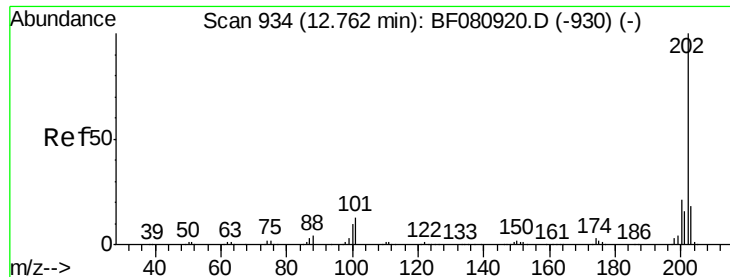
MMDadoda
8/10/2015 7:19:50 PM



#76
Benzidine
Concen: Below Cal
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.4
183	10.7	8.7	13.1





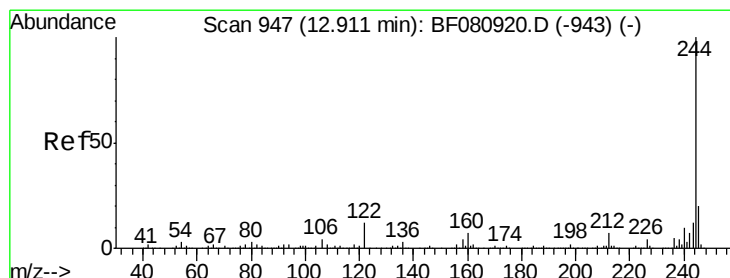
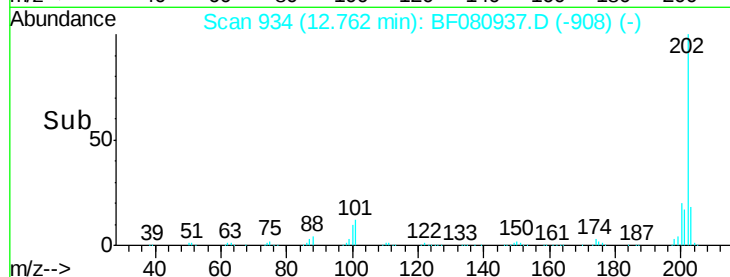
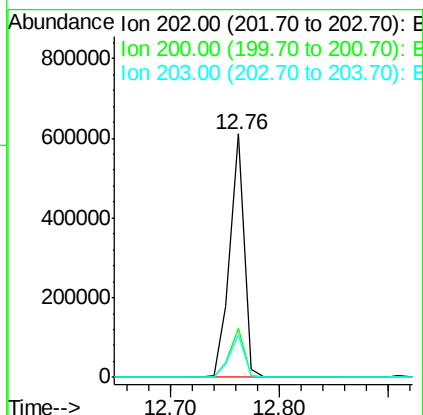
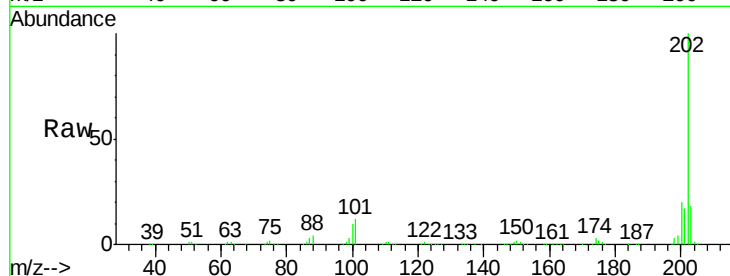
#77
Pvrene
Concen: 47.34 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.6	14.2	21.2

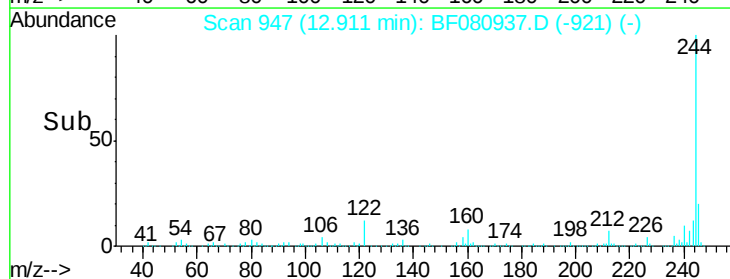
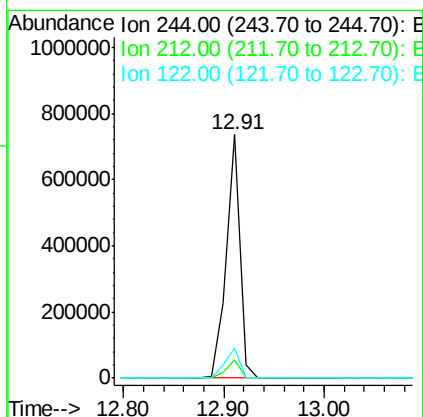
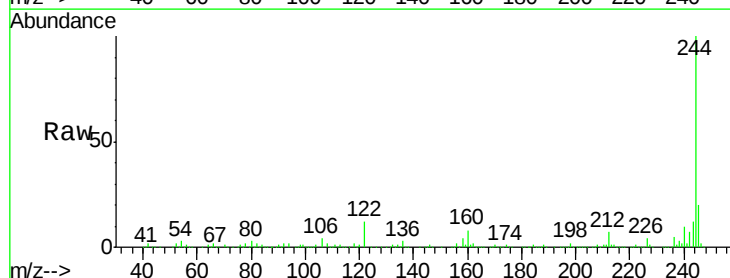
Manual Integrations
APPROVED

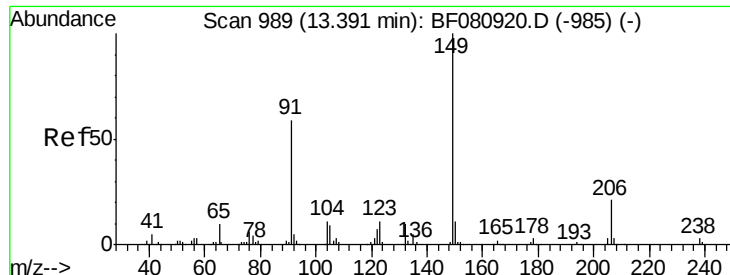
MMDadoda
8/10/2015 7:19:50 PM



#78
Terphenyl-d14
Concen: 89.36 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.0	9.4	14.2





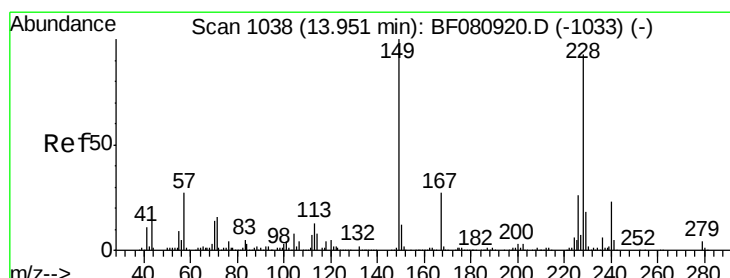
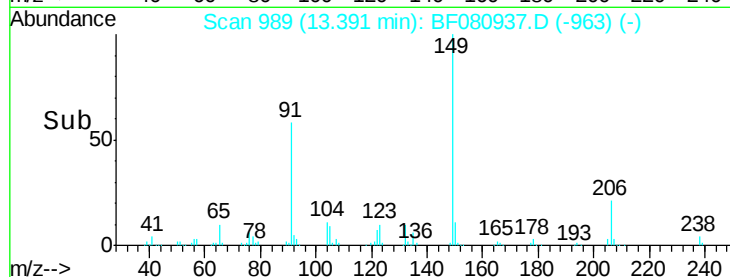
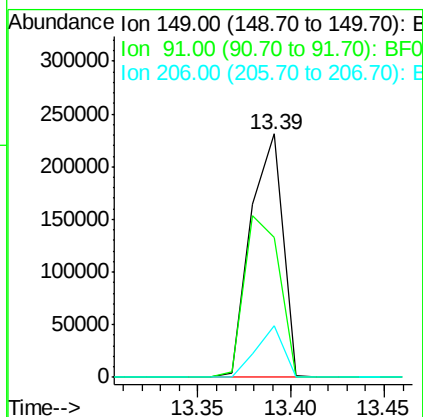
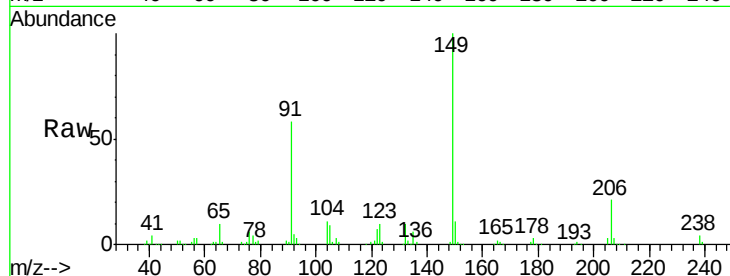
#79
Butylbenzylphthalate
Concen: 48.20 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		274780		
91	57.5	47.2	70.8		
206	21.2	16.5	24.7		

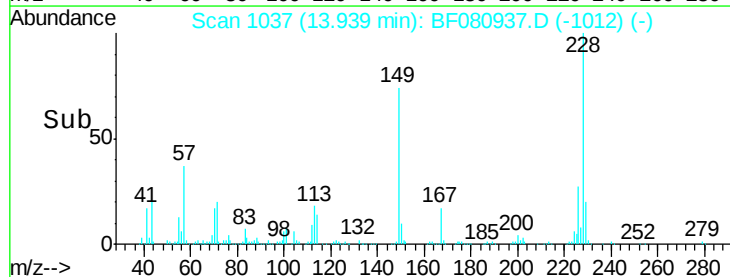
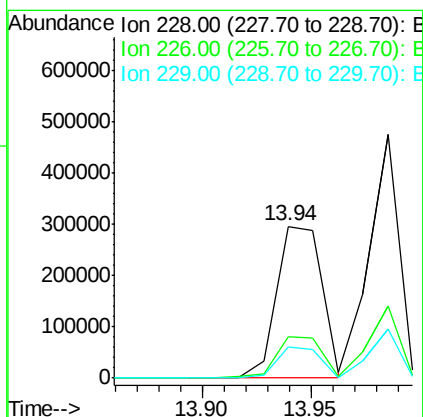
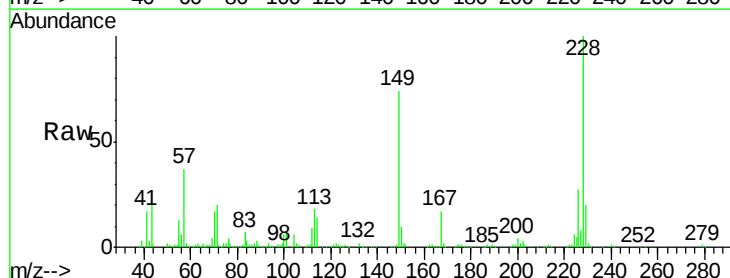
Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#80
Benzo(a)anthracene
Concen: 42.73 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		432102		
226	27.4	22.2	33.2		
229	20.3	15.8	23.6		





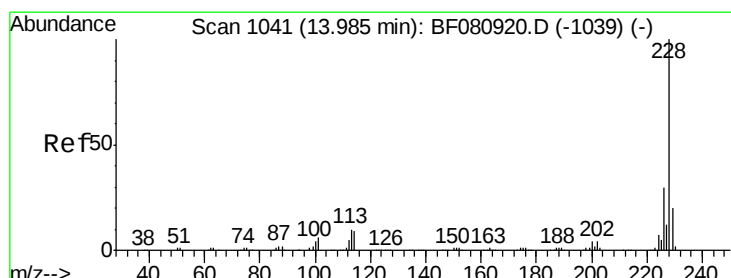
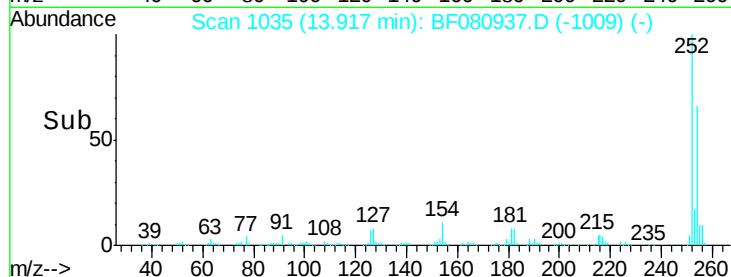
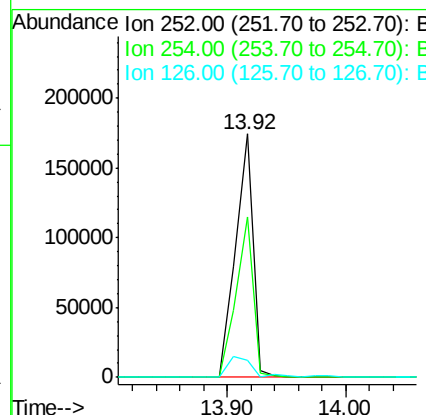
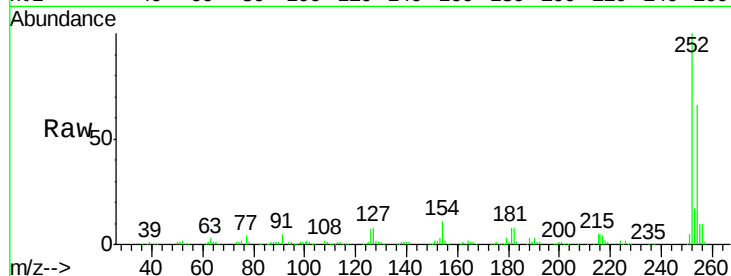
#81
 3,3'-Dichlorobenzidine
 Concen: 48.74 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	179272		
254	65.8	51.7	77.5	
126	7.2	7.1	10.7	

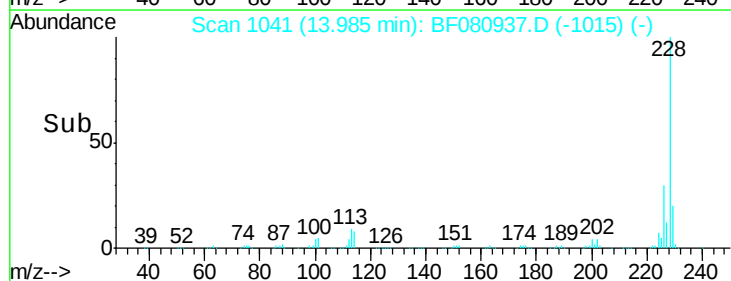
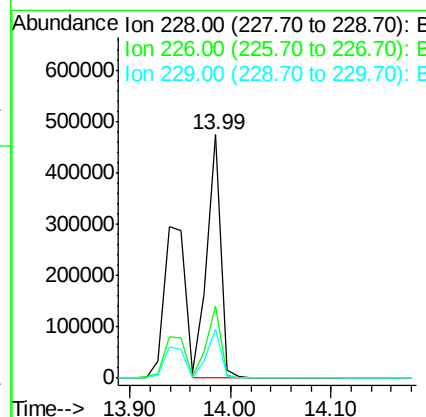
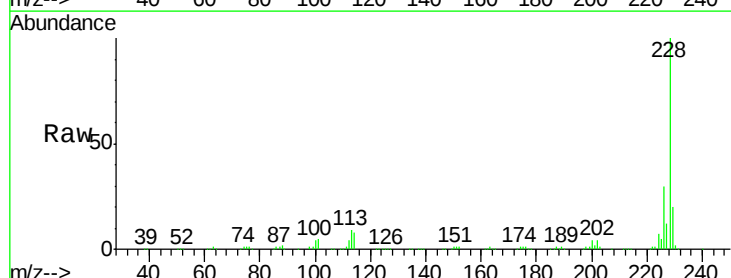
Manual Integrations
 APPROVED

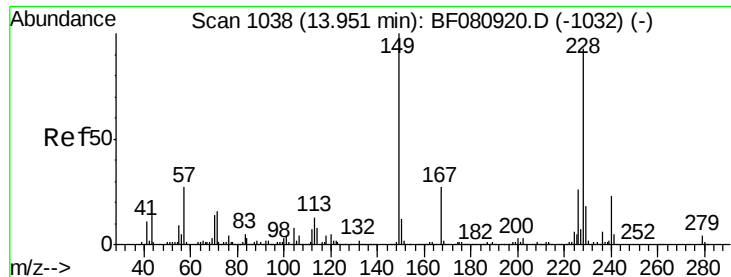
MMDadoda
 8/10/2015 7:19:50 PM



#82
 Chrysene
 Concen: 46.75 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	452608		
226	29.6	23.9	35.9	
229	20.0	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.60 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

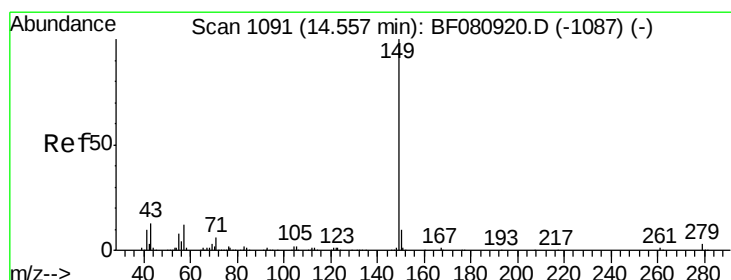
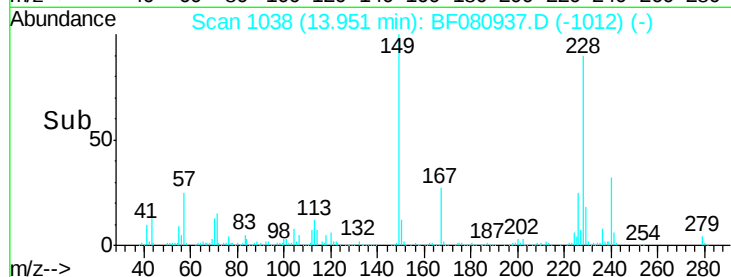
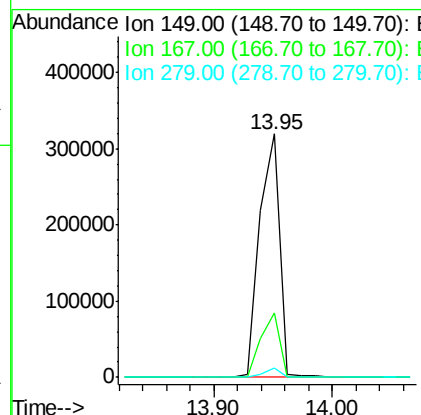
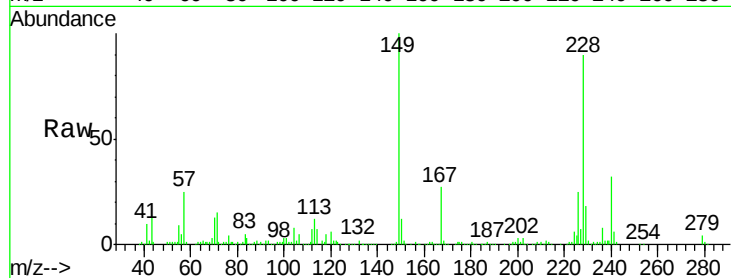
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	377559
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.4	32.0
279	3.9	2.9	4.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#84

Di-n-octyl phthalate

Concen: 49.38 ng

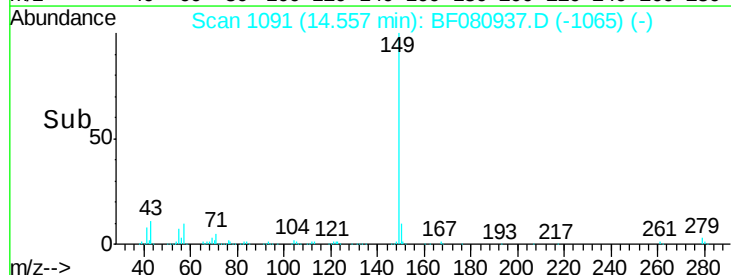
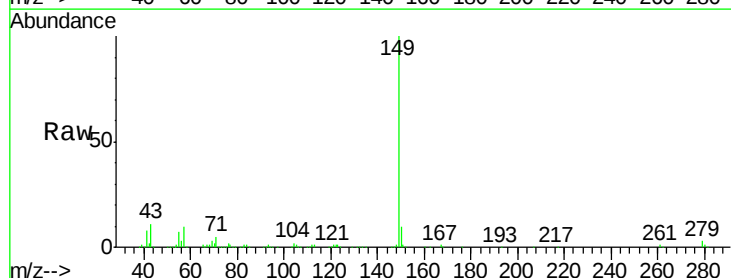
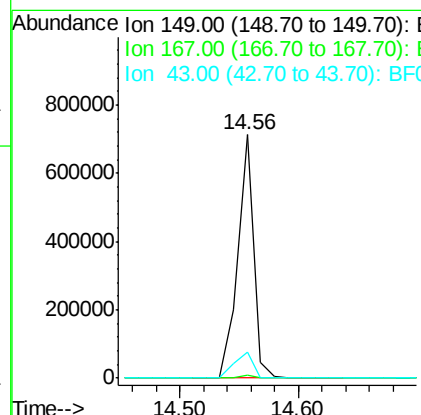
RT: 14.56 min Scan# 1091

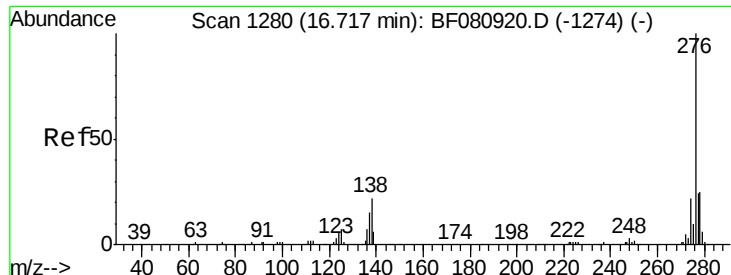
Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	149	Resp:	664084
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.0	11.0	16.4





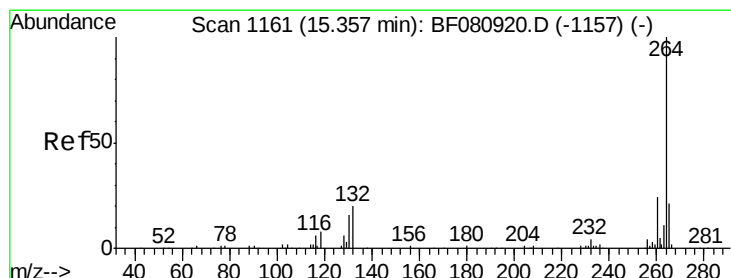
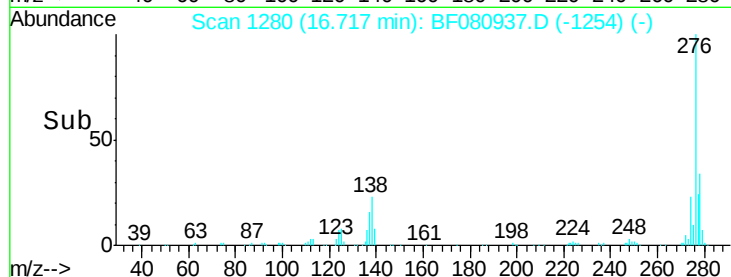
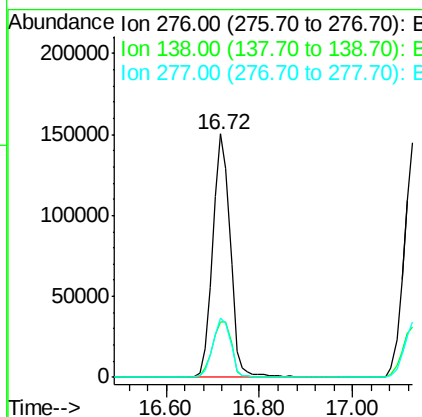
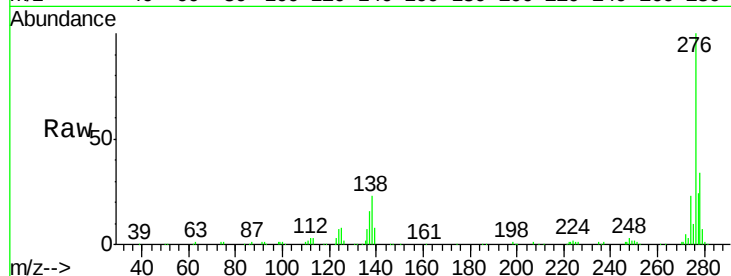
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.86 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	24.7	19.7	29.5

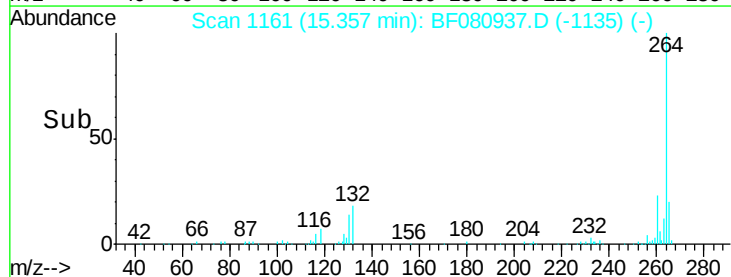
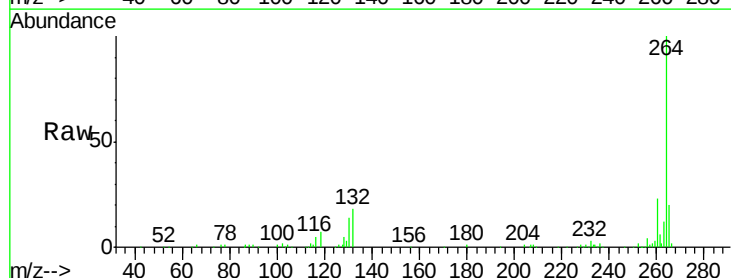
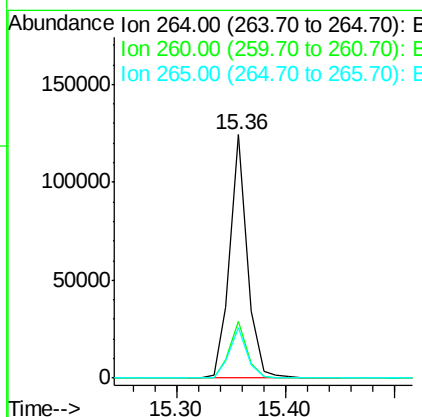
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	20.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 47.41 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

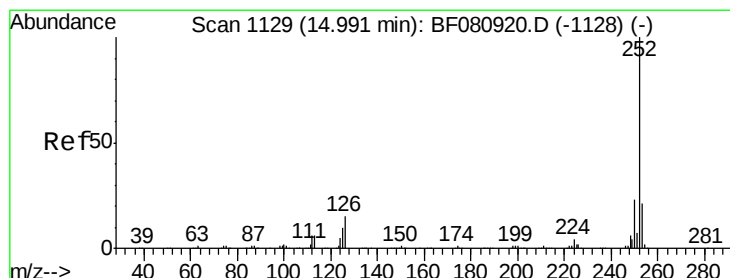
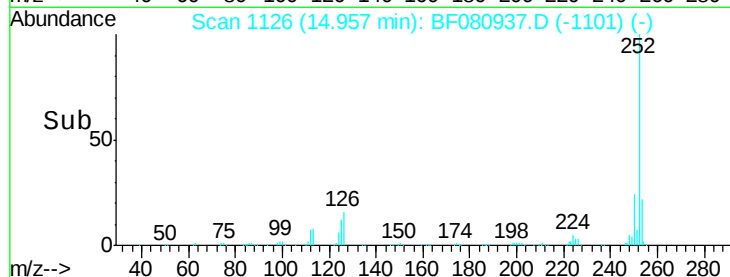
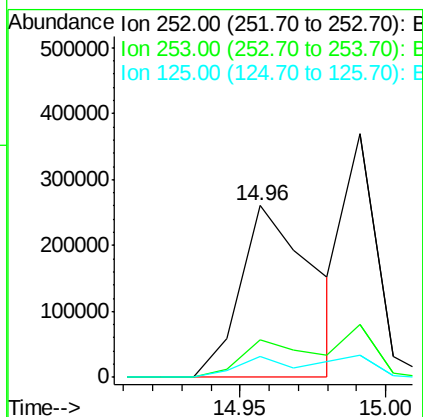
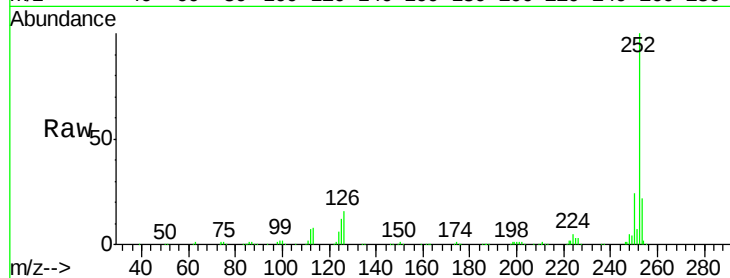
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	457469
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	12.0	6.1	9.1#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:19:50 PM



#88

Benzo(k)fluoranthene

Concen: 33.43 ng m

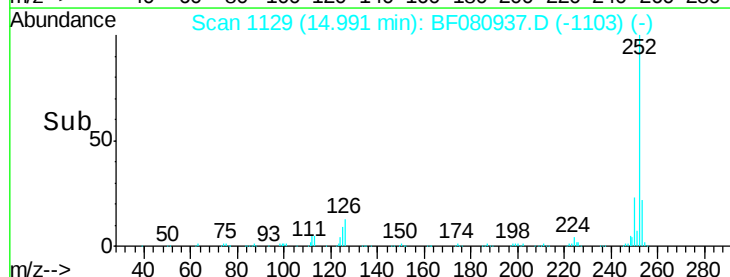
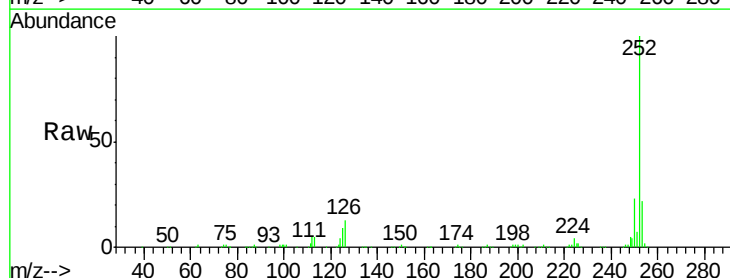
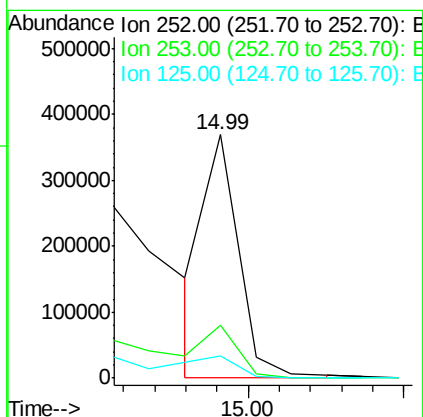
RT: 14.99 min Scan# 1129

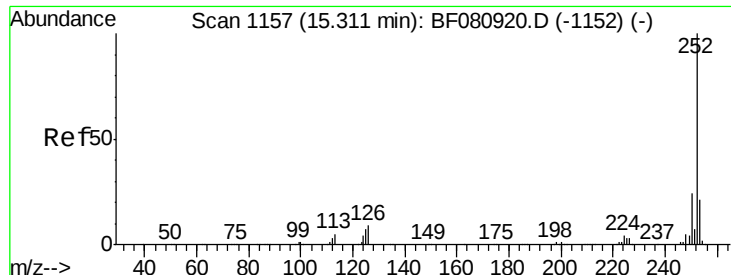
Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:	252	Resp:	282210
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	8.9	9.0	13.6#





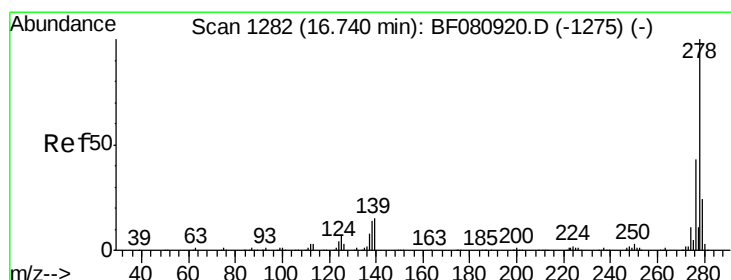
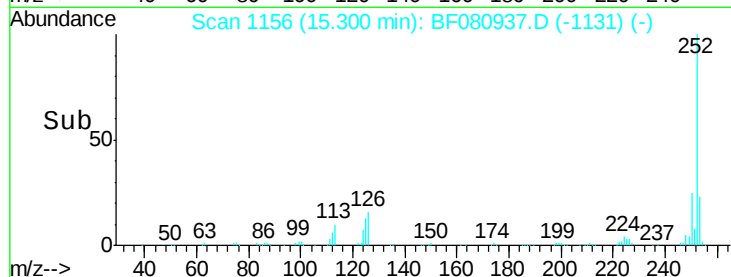
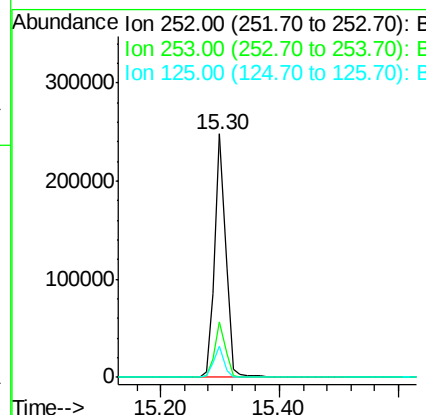
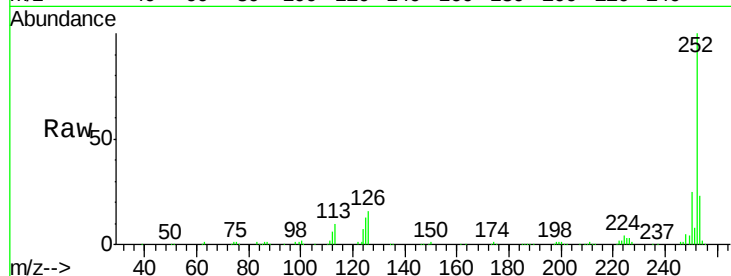
#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.9	25.3
125	12.8	5.8	8.8#

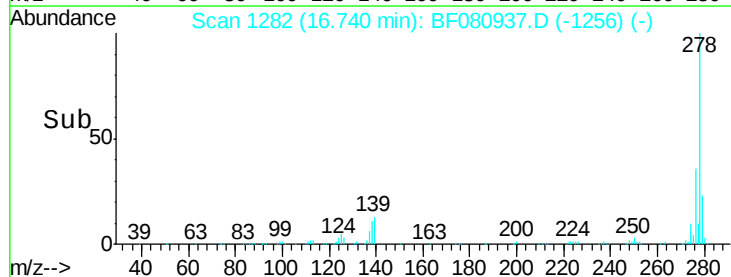
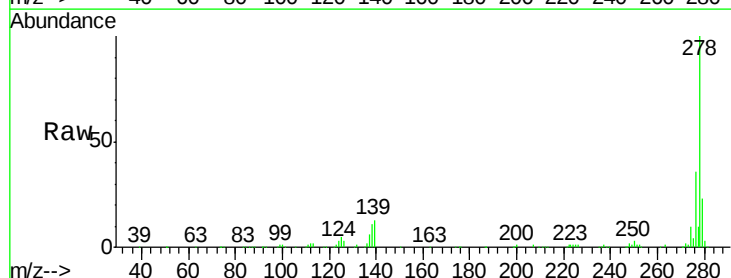
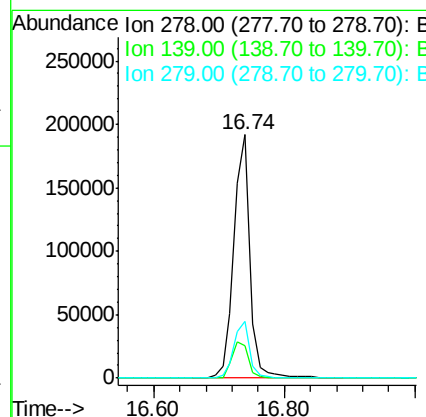
Manual Integrations
APPROVED

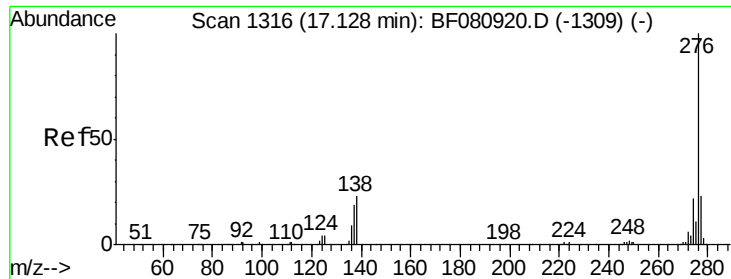
MMDadoda
8/10/2015 7:19:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.50 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.9	17.9
279	23.4	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.33 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	18.6	28.0
138	21.6	18.4	27.6

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:19:50 PM

