

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092165.D
 Acq On : 10 Jan 2017 3:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:55 AM

Quant Time: Jan 10 04:19:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	147930	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	559168	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	263876	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	401972	20.00	ng	0.00
75) Chrysene-d12	13.80	240	231517	20.00	ng	0.01
86) Perylene-d12	15.17	264	176931	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	791901	89.38	ng	0.01
7) Phenol-d6	6.32	99	951966	88.01	ng	0.01
23) Nitrobenzene-d5	7.21	82	731514	72.74	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	148676	68.08	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1151866	90.23	ng	0.00
78) Terphenyl-d14	12.75	244	921535	96.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	201225	46.13	ng	98
3) Pyridine	2.71	79	718915	47.23	ng	95
4) n-Nitrosodimethylamine	2.66	42	291907	50.83	ng	99
6) Aniline	6.30	93	673891	47.97	ng	# 45
8) 2-Chlorophenol	6.44	128	425379	42.21	ng	97
9) Benzaldehyde	6.18	77	279375	49.54	ng	98
10) Phenol	6.33	94	601662	48.81	ng	# 70
11) bis(2-Chloroethyl)ether	6.38	93	397008	40.48	ng	97
12) 1,3-Dichlorobenzene	6.58	146	466032	43.32	ng	99
13) 1,4-Dichlorobenzene	6.66	146	451377m	41.22	ng	
14) 1,2-Dichlorobenzene	6.81	146	428860	45.14	ng	99
15) Benzyl Alcohol	6.80	79	257407	30.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	601169	41.16	ng	74
17) 2-Methylphenol	6.94	107	318161	39.26	ng	94
18) Hexachloroethane	7.14	117	52965	13.05	ng	# 79
19) n-Nitroso-di-n-propylamine	7.08	70	338163	46.99	ng	# 90
20) 3+4-Methylphenols	7.09	107	450268	46.58	ng	# 68
22) Acetophenone	7.06	105	617541	44.78	ng	# 86
24) Nitrobenzene	7.24	77	443318	41.39	ng	90
25) Isophorone	7.48	82	771618	41.59	ng	96
26) 2-Nitrophenol	7.56	139	71934	13.62	ng	# 75
27) 2,4-Dimethylphenol	7.61	122	347694	39.69	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	492881	43.81	ng	99
29) 2,4-Dichlorophenol	7.81	162	288250	38.86	ng	86
30) 1,2,4-Trichlorobenzene	7.88	180	319226	39.27	ng	# 95
31) Naphthalene	7.96	128	1132827	44.27	ng	98
32) Benzoic acid	7.78	122	59357	9.14	ng	99
33) 4-Chloroaniline	8.01	127	461085	39.96	ng	98
34) Hexachlorobutadiene	8.07	225	183098	42.67	ng	97
35) Caprolactam	8.40	113	95727	39.27	ng	95
36) 4-Chloro-3-methylphenol	8.53	107	293741	34.41	ng	# 84
37) 2-Methylnaphthalene	8.64	142	624754	38.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	276264	41.44	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	182078	39.05	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092165.D
 Acq On : 10 Jan 2017 3:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:55 AM

Quant Time: Jan 10 04:19:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	174754	36.42	ng	# 88
45) 1,1'-Biphenyl	9.11	154	781091	43.23	ng	97
46) 2-Chloronaphthalene	9.13	162	576832	40.31	ng	96
47) 2-Nitroaniline	9.24	65	195423	38.36	ng	100
48) Acenaphthylene	9.54	152	953435	43.33	ng	99
49) Dimethylphthalate	9.41	163	700477	41.50	ng	98
50) 2,6-Dinitrotoluene	9.48	165	65309	17.68	ng	# 80
51) Acenaphthene	9.72	154	578903	38.80	ng	99
52) 3-Nitroaniline	9.65	138	182323	39.88	ng	97
54) Dibenzofuran	9.89	168	810284	40.22	ng	98
55) 4-Nitrophenol	9.85	139	51527m	16.60	ng	
56) 2,4-Dinitrotoluene	9.89	165	54680	11.79	ng	# 40
57) Fluorene	10.23	166	643546	43.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	131467	34.64	ng	95
59) Diethylphthalate	10.12	149	691797	42.21	ng	96
60) 4-Chlorophenyl-phenylether	10.22	204	270115	42.09	ng	95
61) 4-Nitroaniline	10.26	138	216408	45.68	ng	84
62) Azobenzene	10.38	77	594354	32.94	ng	98
65) n-Nitrosodiphenylamine	10.34	169	525015	44.02	ng	98
66) 4-Bromophenyl-phenylether	10.71	248	174813	41.81	ng	99
67) Hexachlorobenzene	10.78	284	176533	39.50	ng	# 87
68) Atrazine	10.88	200	110633	28.75	ng	95
69) Pentachlorophenol	10.98	266	48241	22.00	ng	98
70) Phenanthrene	11.19	178	919179	42.17	ng	97
71) Anthracene	11.24	178	893168	46.89	ng	97
72) Carbazole	11.40	167	816883	45.93	ng	98
73) Di-n-butylphthalate	11.74	149	1072840	52.64	ng	# 96
74) Fluoranthene	12.37	202	784092	40.63	ng	99
76) Benzidine	12.51	184	456644	104.79	ng	96
77) Pyrene	12.60	202	793109	46.69	ng	98
79) Butylbenzylphthalate	13.23	149	374467	48.47	ng	97
80) Benzo(a)anthracene	13.79	228	531866	40.70	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	224984	45.40	ng	97
82) Chrysene	13.82	228	485892	37.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	477695	52.50	ng	# 99
84) Di-n-octyl phthalate	14.40	149	731634	43.41	ng	99
85) Indeno(1,2,3-cd)pyrene	16.46	276	363918	32.05	ng	100
87) Benzo(b)fluoranthene	14.79	252	429966m	39.03	ng	
88) Benzo(k)fluoranthene	14.83	252	448802m	47.78	ng	
89) Benzo(a)pyrene	15.12	252	423813	43.35	ng	# 96
90) Dibenzo(a,h)anthracene	16.47	278	335108	41.70	ng	96
91) Benzo(g,h,i)perylene	16.84	276	284476	34.04	ng	# 95

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

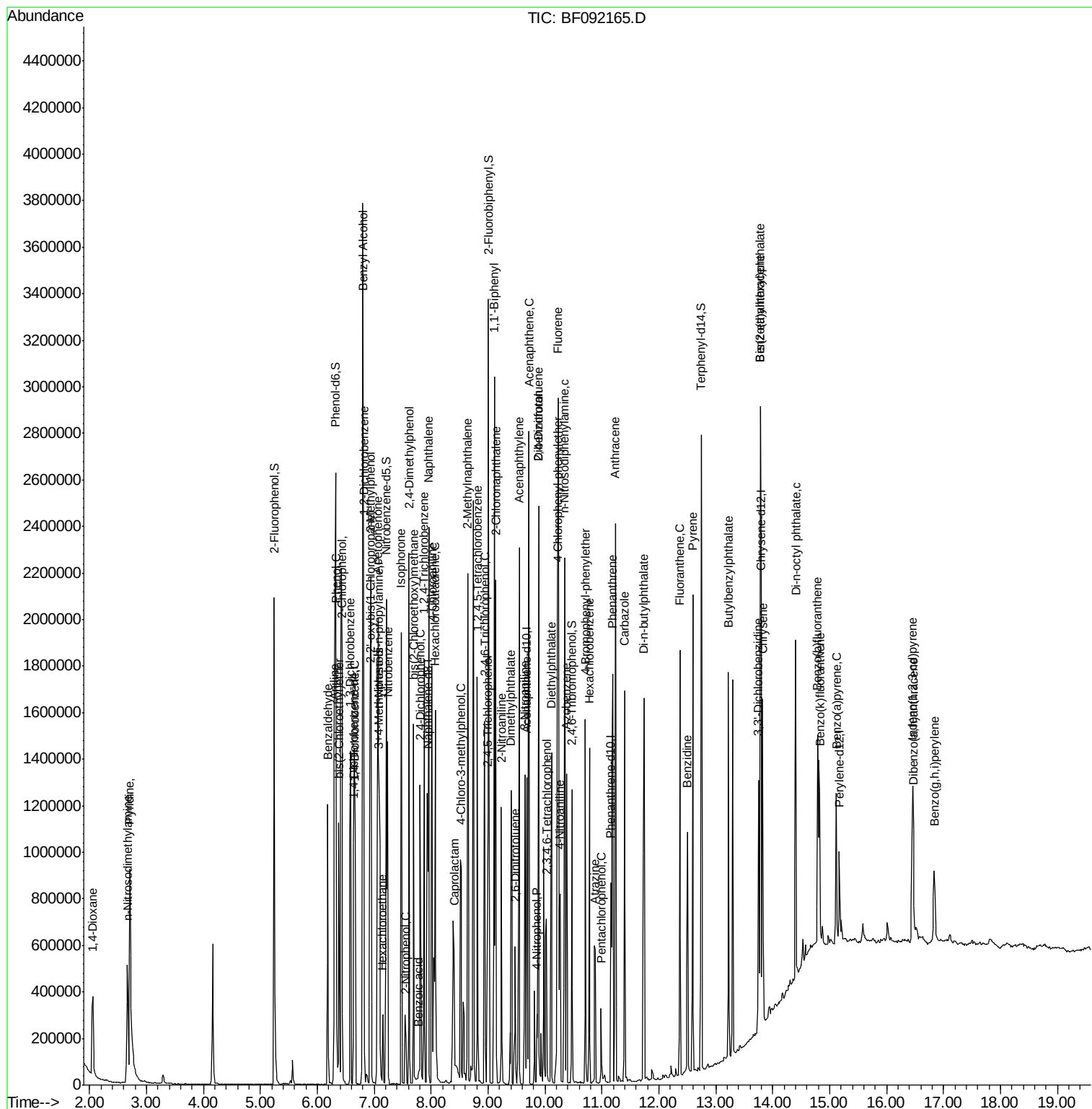
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\  
Data File : BF092165.D  
Acq On    : 10 Jan 2017    3:44  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

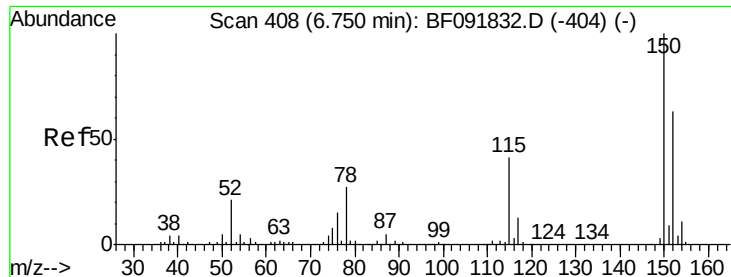
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Sohil
1/10/2017 10:01:55 AM

Quant Time: Jan 10 04:19:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

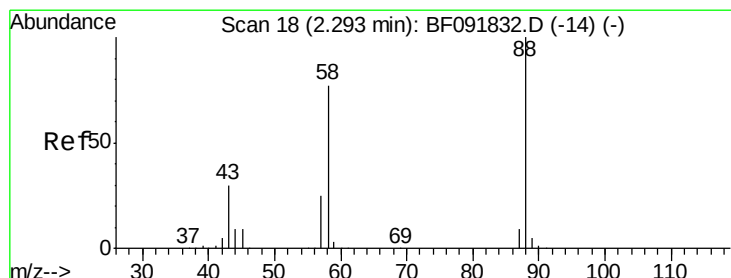
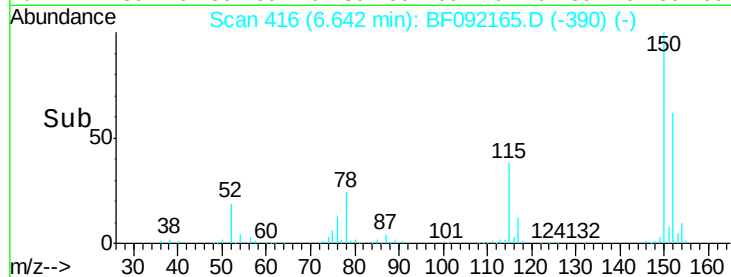
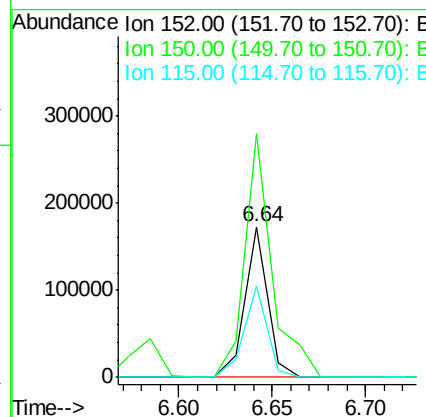
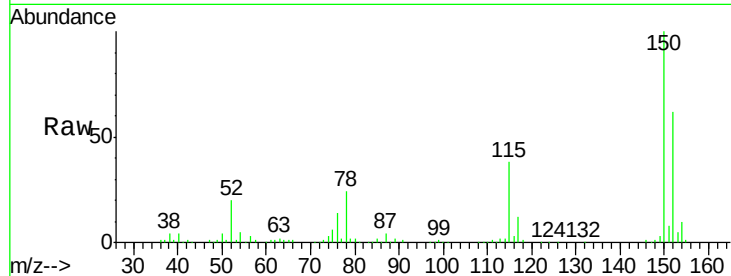
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.9	187.3
115	61.0	46.0	69.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#2

1,4-Dioxane

Concen: 46.13 ng

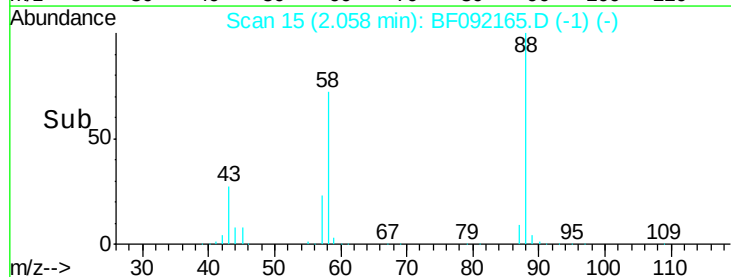
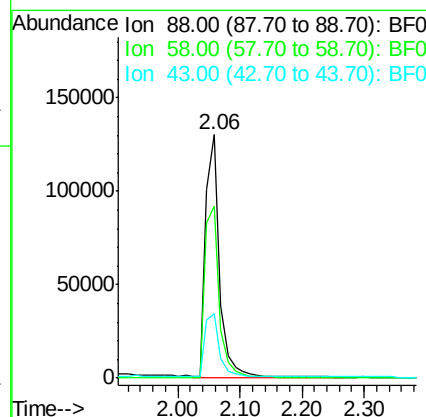
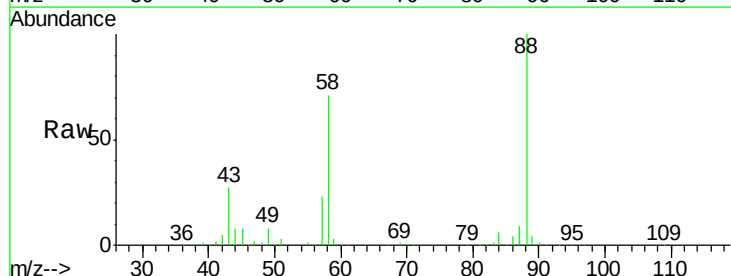
RT: 2.06 min Scan# 15

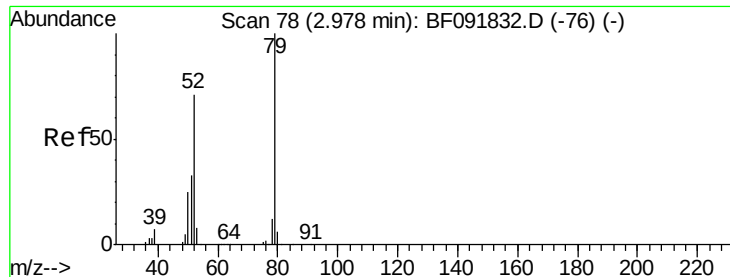
Delta R.T. -0.02 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	57.8	86.8
43	27.8	22.3	33.5





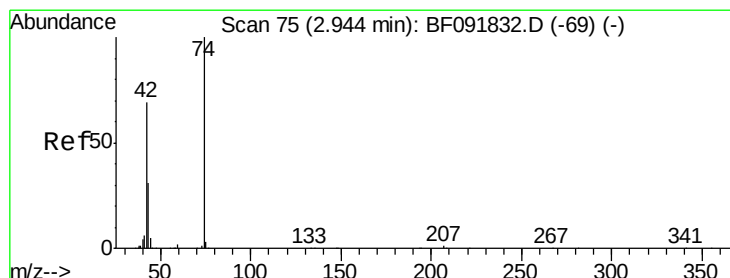
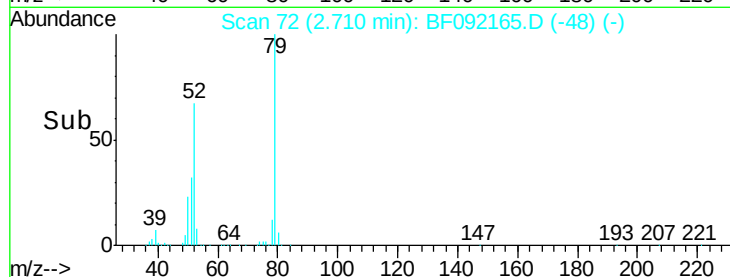
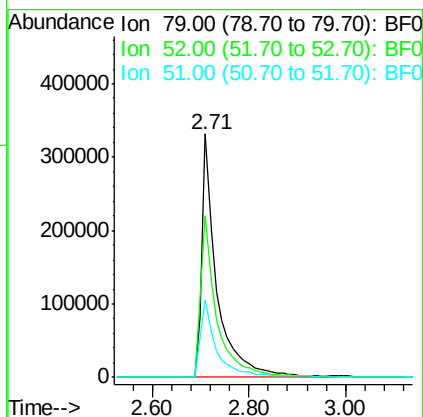
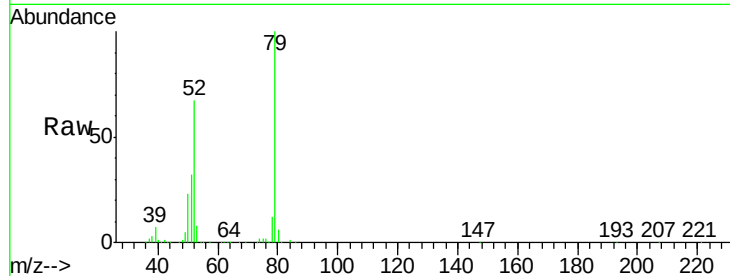
#3
 Pyridine
 Concen: 47.23 ng
 RT: 2.71 min Scan# 72
 Delta R.T. -0.02 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	79	Resp:	718915
Ion	Ratio	Lower	Upper
79	100		
52	66.5	57.1	85.7
51	31.9	27.3	40.9

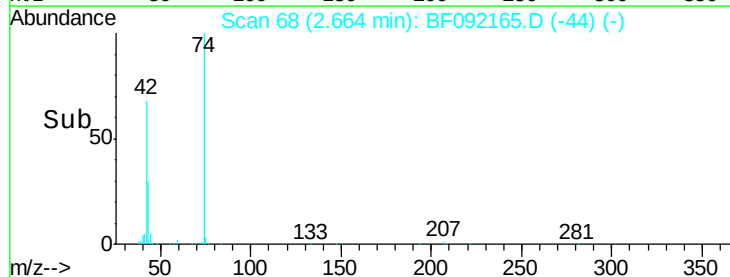
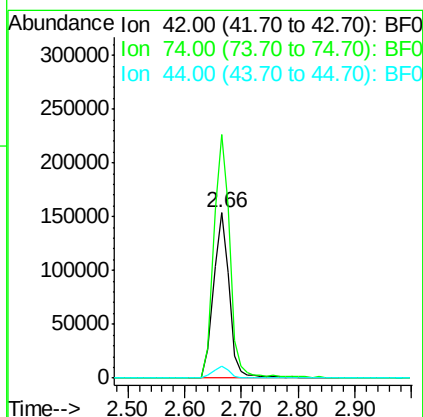
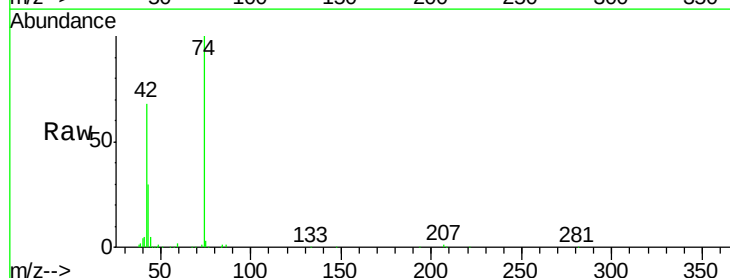
Manual Integrations
 APPROVED

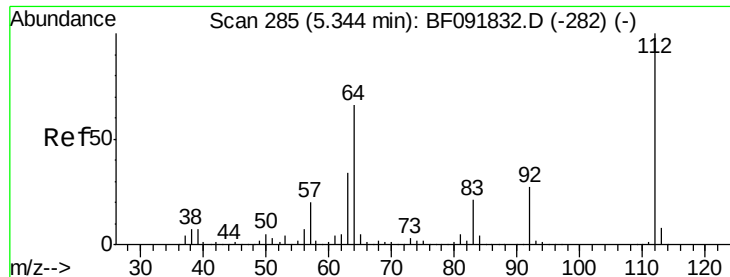
Sohil
 1/10/2017 10:01:55 AM



#4
 n-Nitrosodimethylamine
 Concen: 50.83 ng
 RT: 2.66 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion:	42	Resp:	291907
Ion	Ratio	Lower	Upper
42	100		
74	147.5	117.0	175.4
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 89.38 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

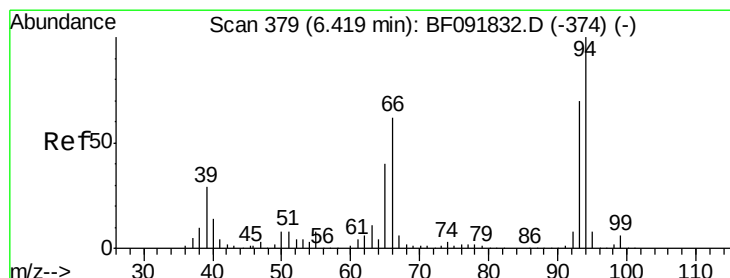
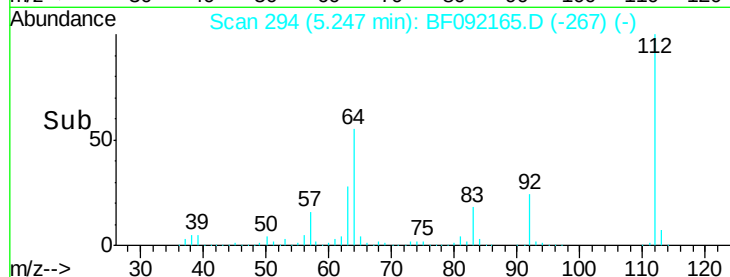
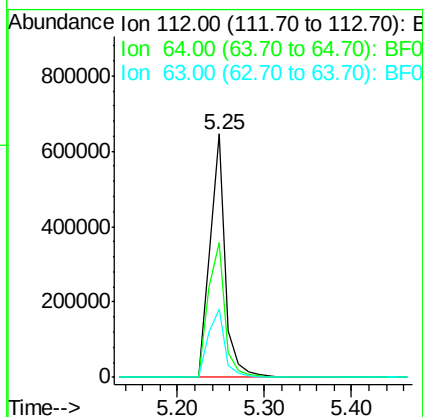
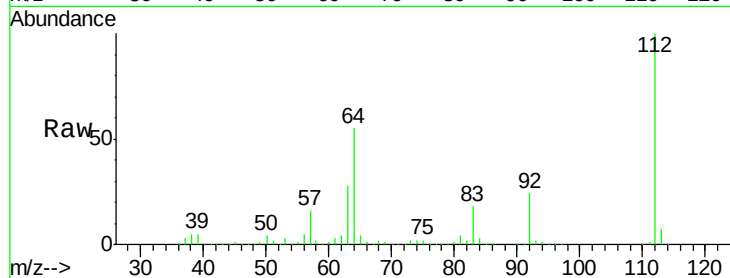
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	791901
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.1	69.1
63	28.3	23.8	35.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#6

Aniline

Concen: 47.97 ng

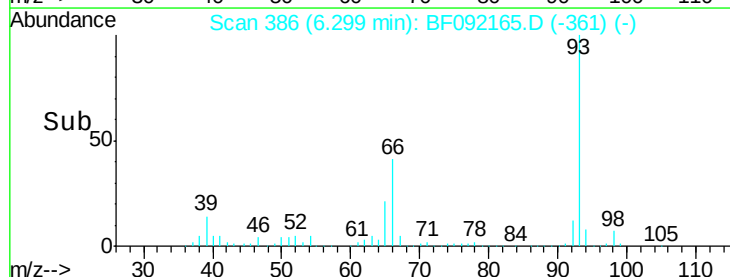
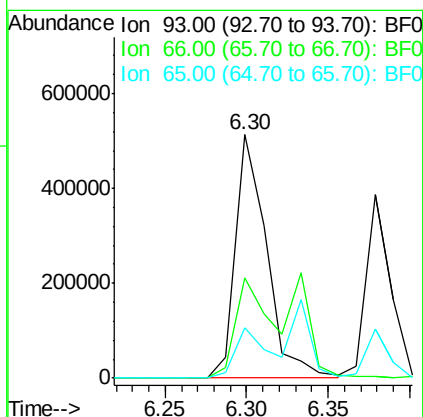
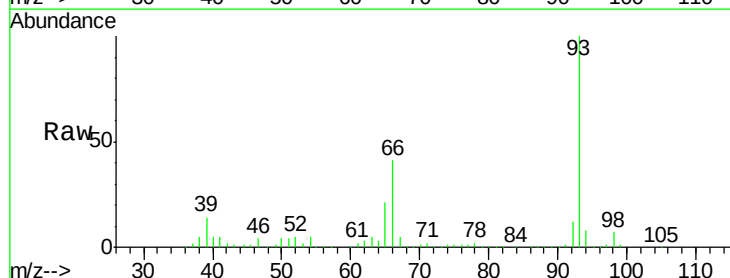
RT: 6.30 min Scan# 386

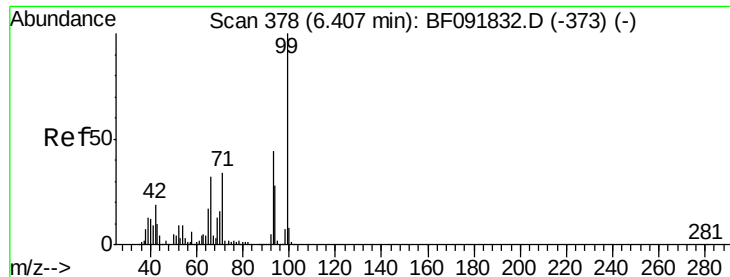
Delta R.T. -0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	93	Resp:	673891
Ion Ratio	Lower	Upper	
93	100		
66	41.2	76.2	114.2#
65	20.5	49.3	73.9#





#7

Phenol-d6

Concen: 88.01 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

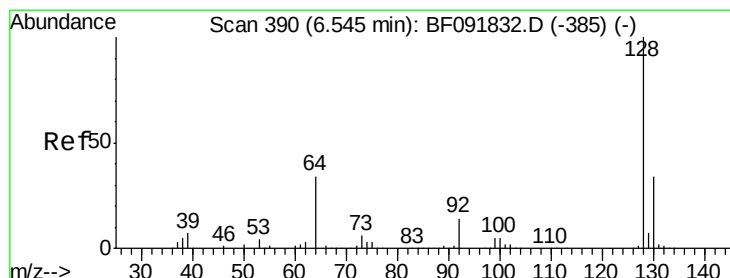
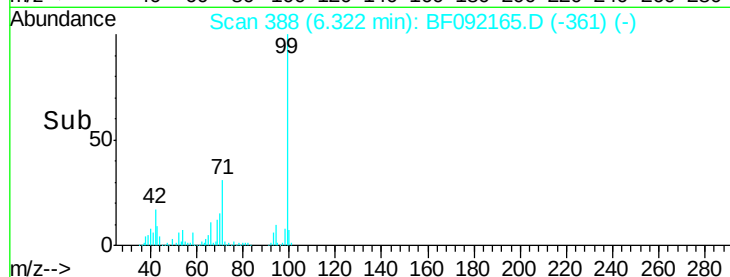
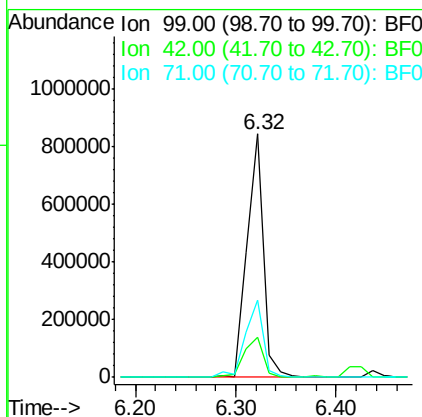
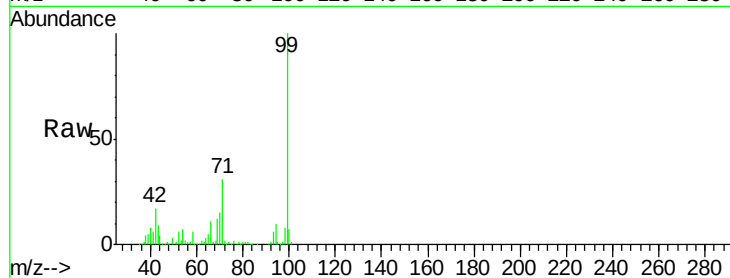
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	99	Resp:	951966
Ion Ratio	Lower	Upper	
99	100		
42	16.5	15.6	23.4
71	31.5	27.5	41.3

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#8

2-Chlorophenol

Concen: 42.21 ng

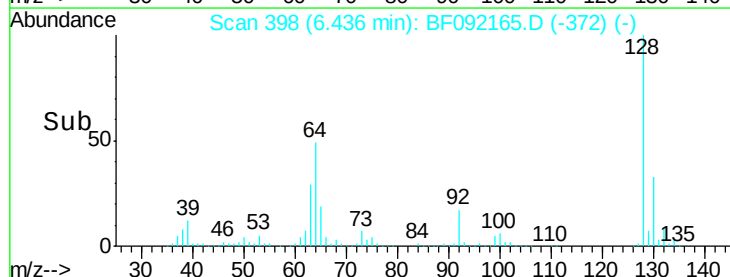
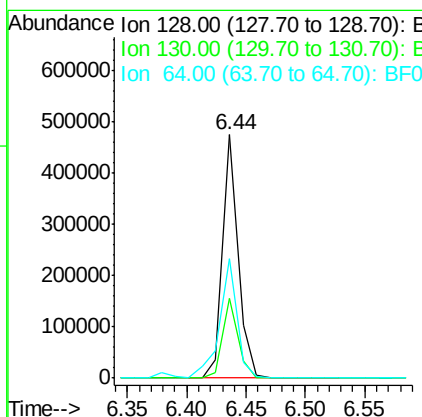
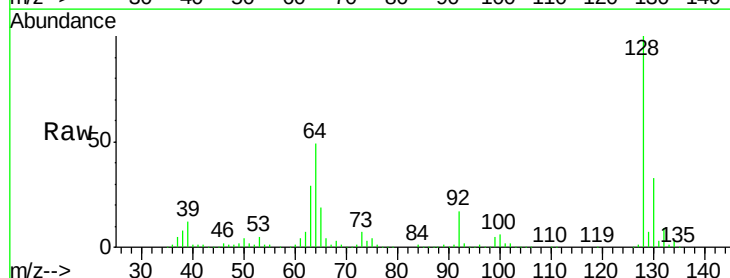
RT: 6.44 min Scan# 398

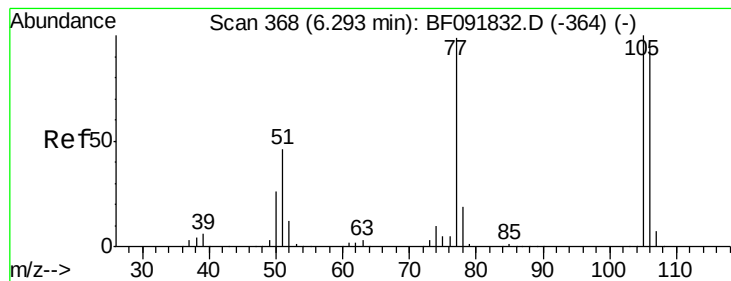
Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	128	Resp:	425379
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.3	52.3
64	49.2	32.2	72.2





#9

Benzaldehyde

Concen: 49.54 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

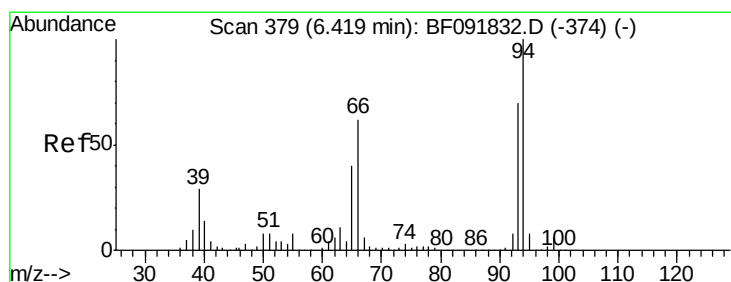
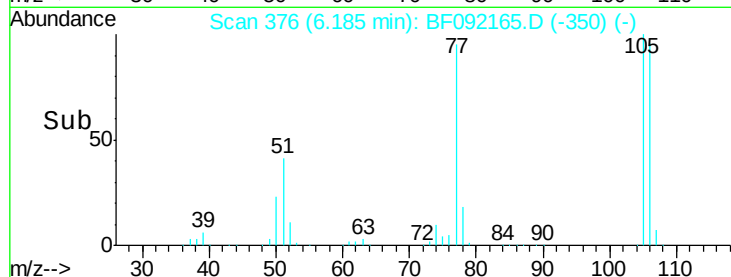
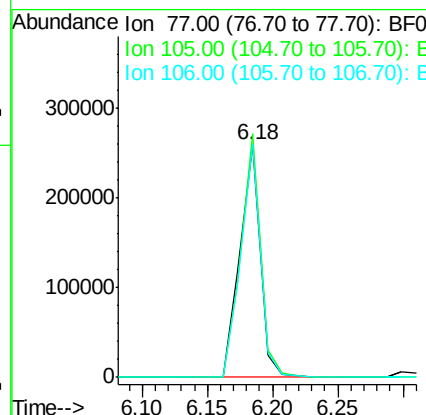
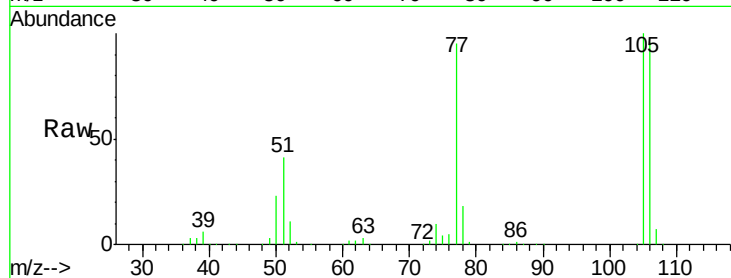
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	279375
Ion	Ratio	Lower	Upper
77	100		
105	104.8	83.9	123.9
106	100.2	77.6	117.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#10

Phenol

Concen: 48.81 ng

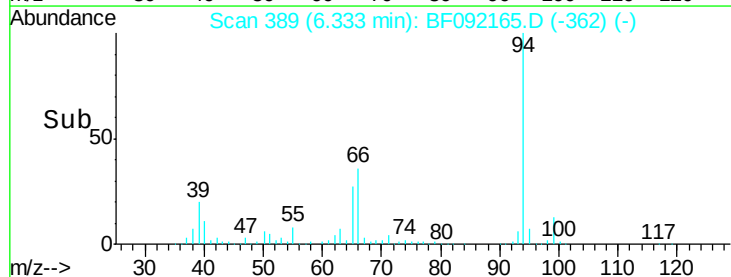
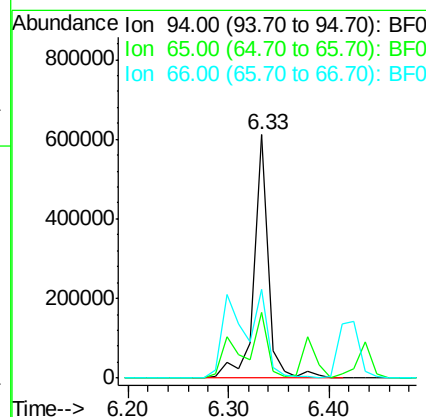
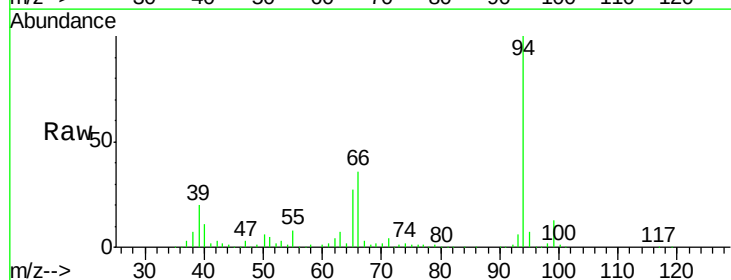
RT: 6.33 min Scan# 389

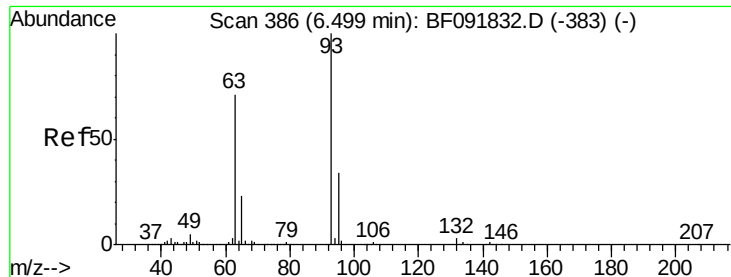
Delta R.T. 0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	94	Resp:	601662
Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.4	61.4
66	36.3	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

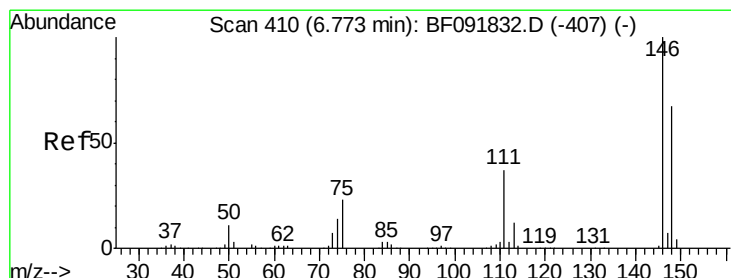
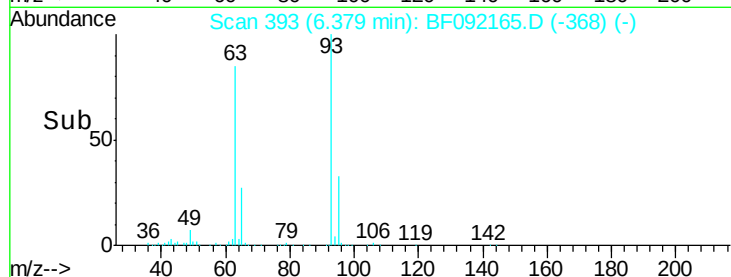
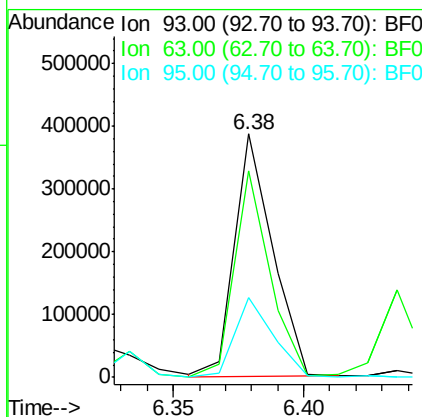
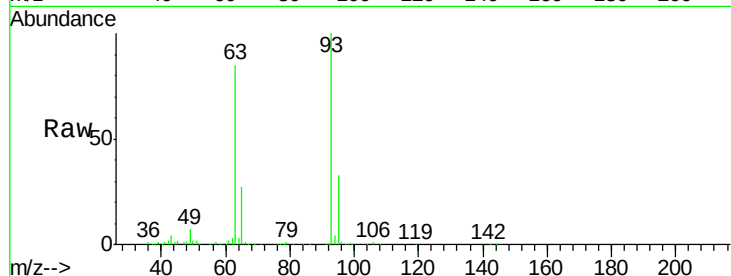
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	93	Resp:	397008
Ion Ratio	Lower	Upper	
93	100		
63	84.7	60.4	100.4
95	32.8	12.8	52.8

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#12

1,3-Dichlorobenzene

Concen: 43.32 ng

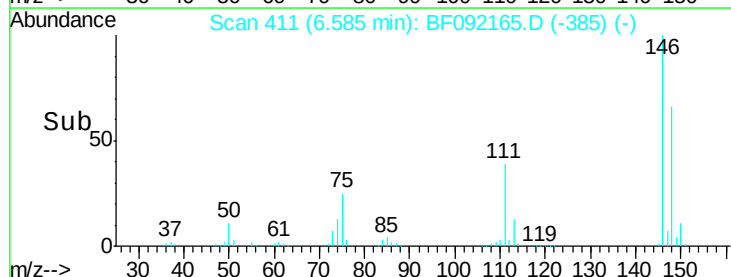
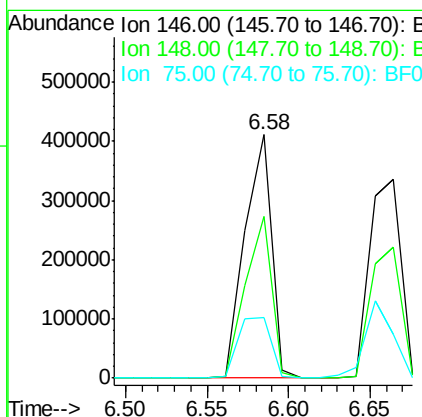
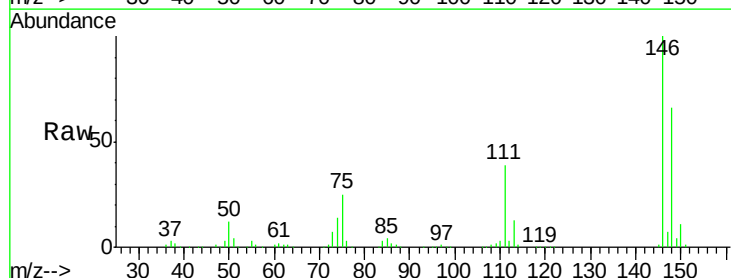
RT: 6.58 min Scan# 411

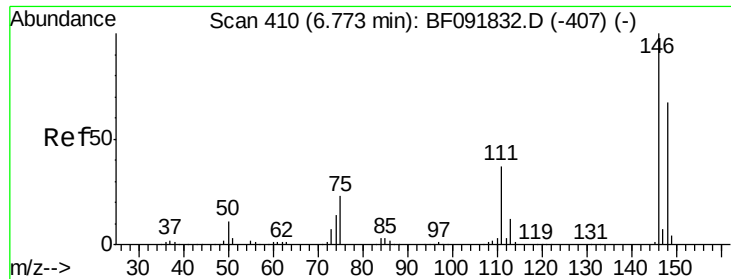
Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	146	Resp:	466032
Ion Ratio	Lower	Upper	
146	100		
148	66.5	53.4	80.0
75	24.8	18.5	27.7





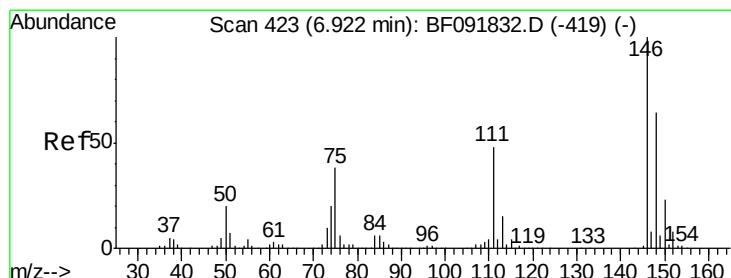
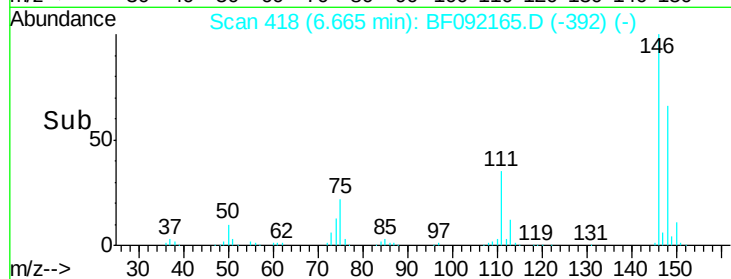
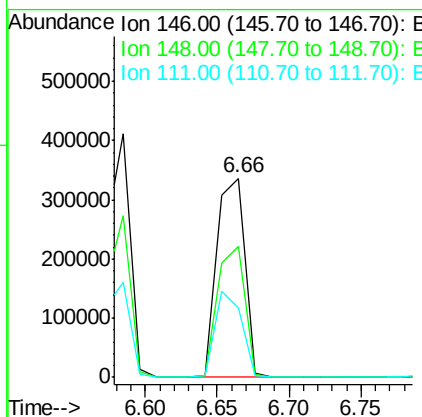
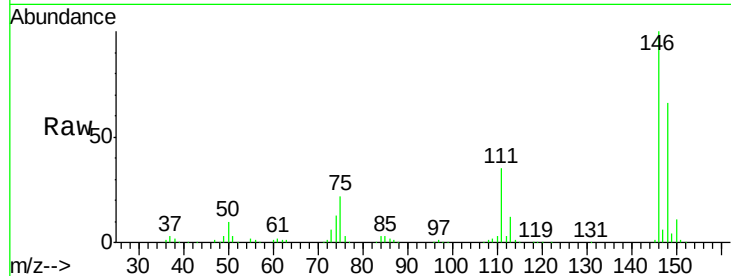
#13
1,4-Dichlorobenzene
Concen: 41.22 ng m
RT: 6.66 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	76.0
111	35.0	36.2	54.4#

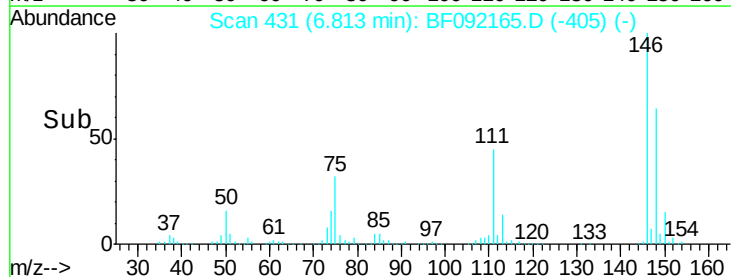
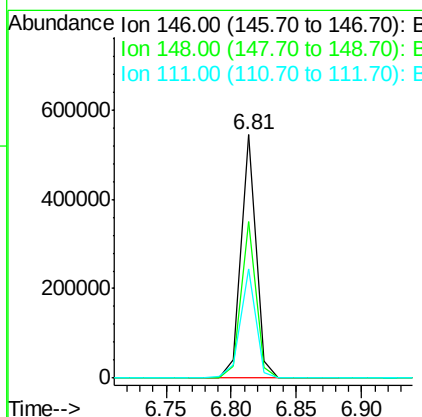
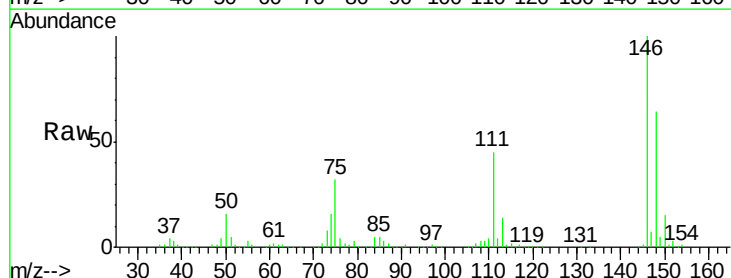
Manual Integrations
APPROVED

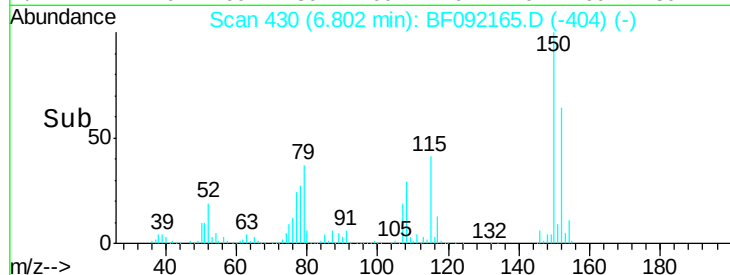
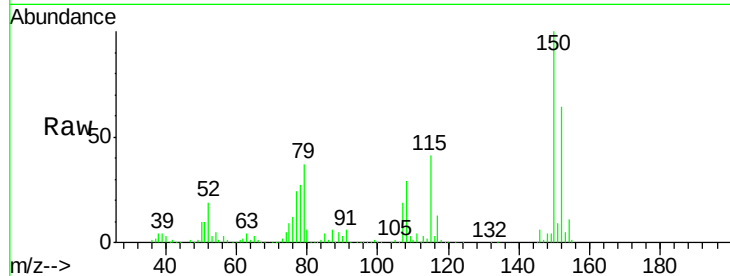
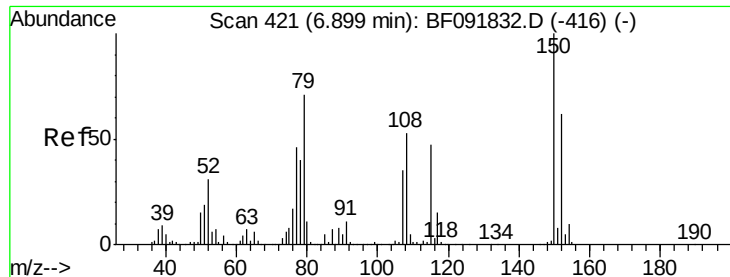
Sohil
1/10/2017 10:01:55 AM



#14
1,2-Dichlorobenzene
Concen: 45.14 ng
RT: 6.81 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	45.0	36.2	54.2





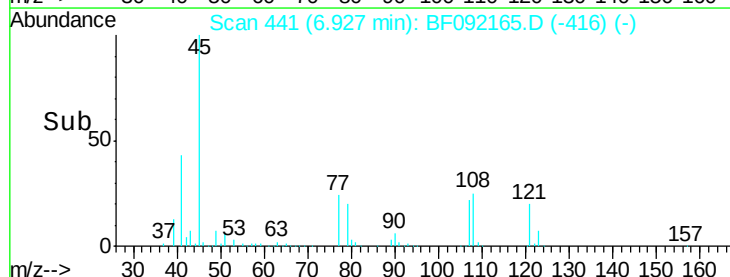
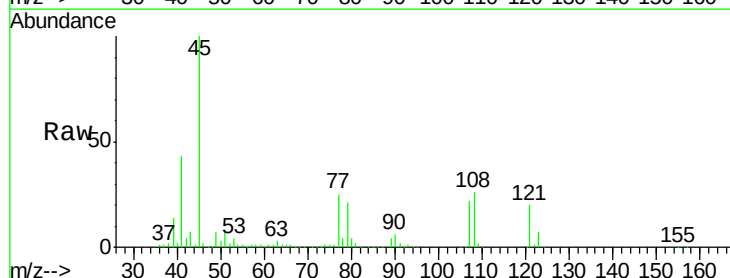
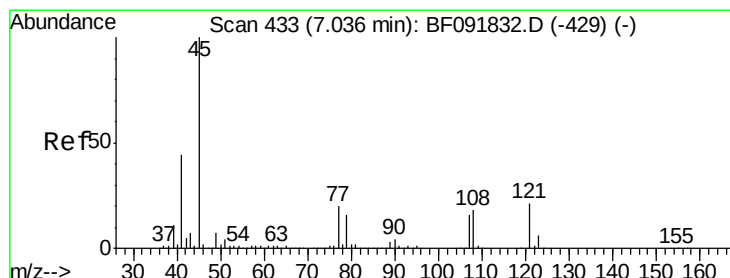
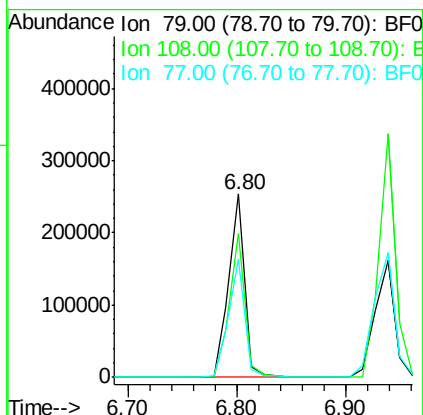
#15
Benzyl Alcohol
Concen: 30.63 ng
RT: 6.80 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.7	61.4	92.0
77	64.5	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

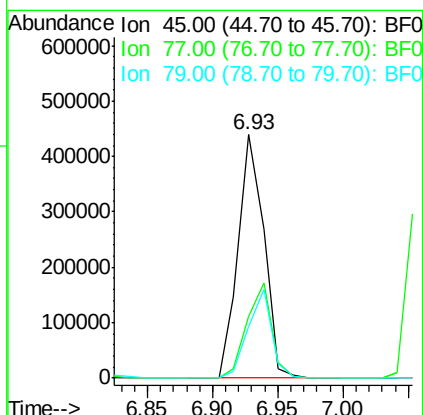
Manual Integrations
APPROVED

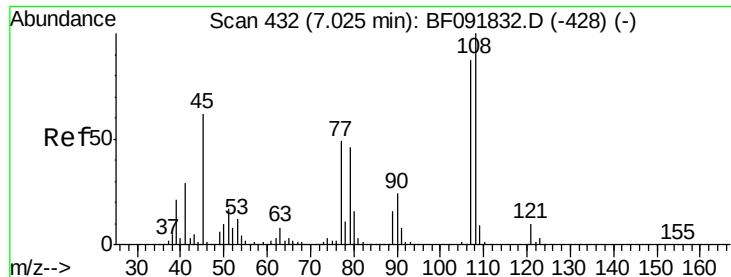
Sohil
1/10/2017 10:01:55 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.16 ng
RT: 6.93 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.2	0.0	34.6
79	21.1	0.0	31.2





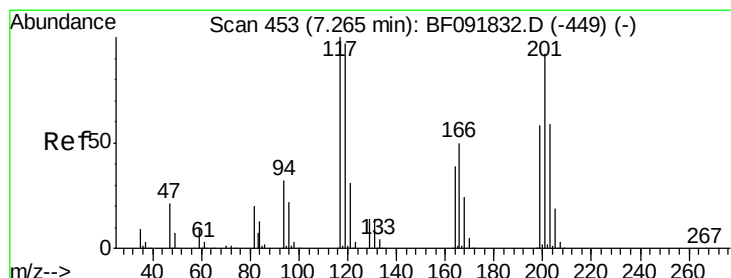
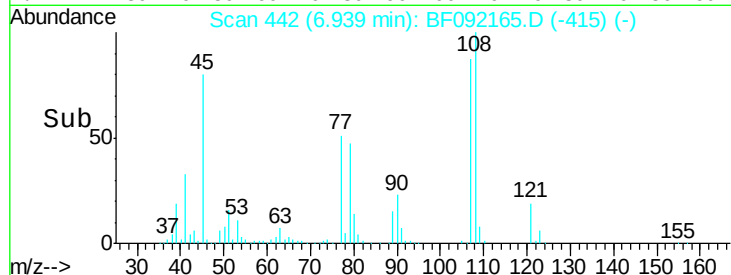
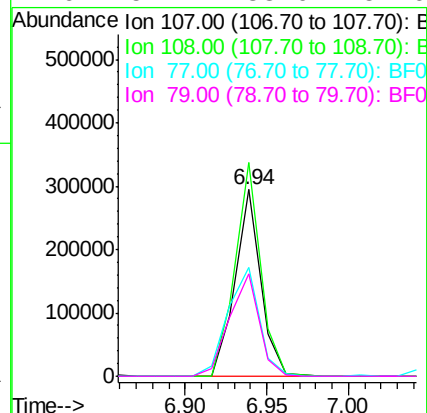
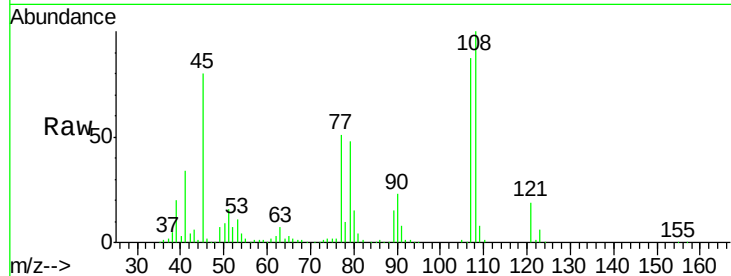
#17
2-Methylphenol
Concen: 39.26 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	318161		
108	114.4	93.0	139.6	
77	58.4	39.8	59.8	
79	54.7	38.0	57.0	

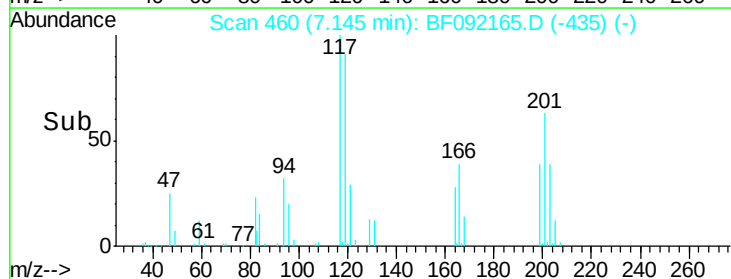
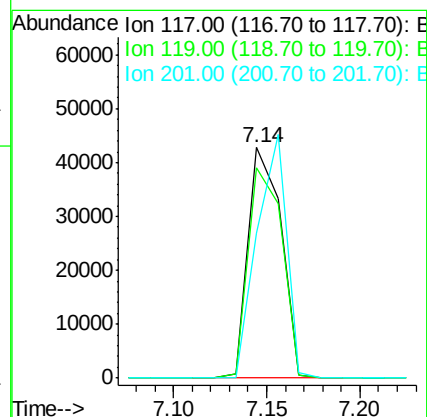
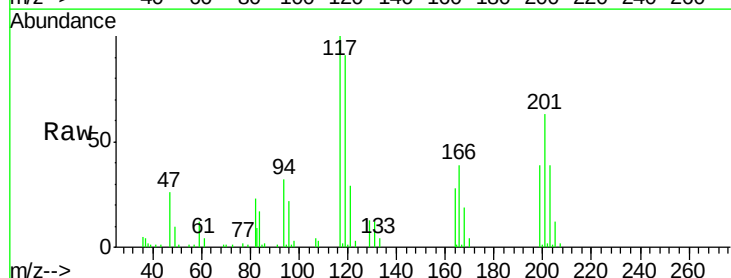
Manual Integrations
APPROVED

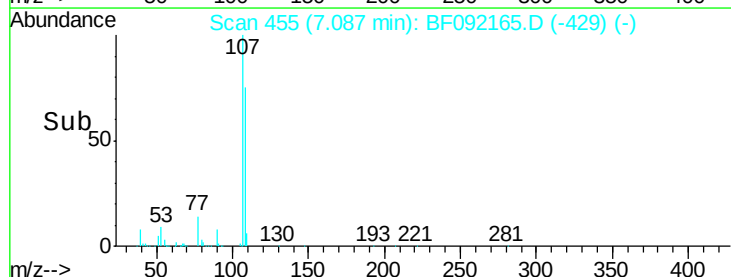
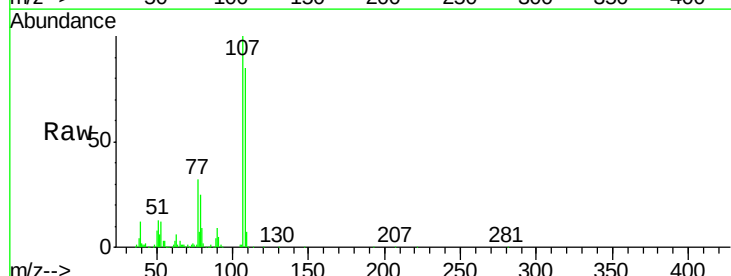
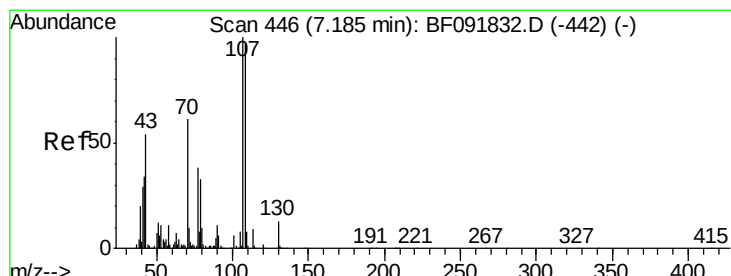
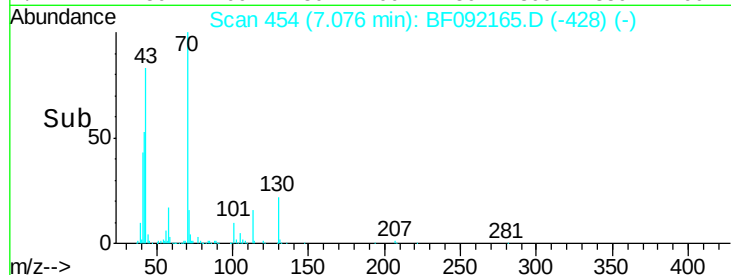
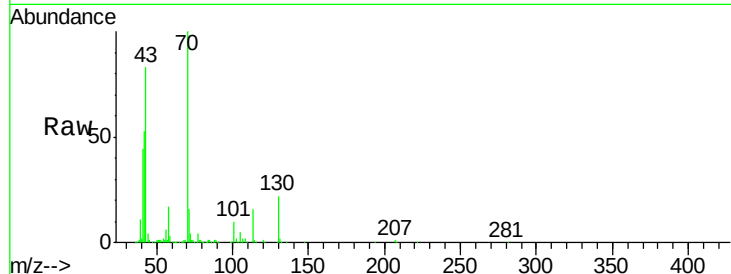
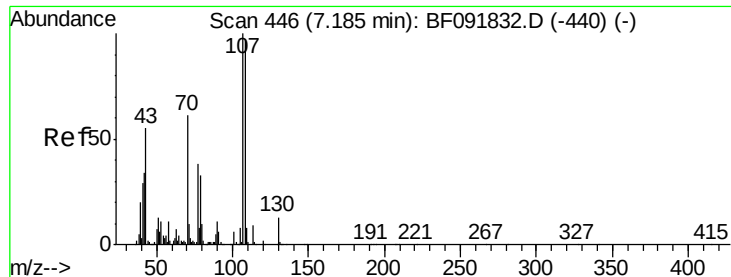
Sohil
1/10/2017 10:01:55 AM



#18
Hexachloroethane
Concen: 13.05 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52965		
119	91.5	78.1	117.1	
201	62.9	78.6	117.8#	





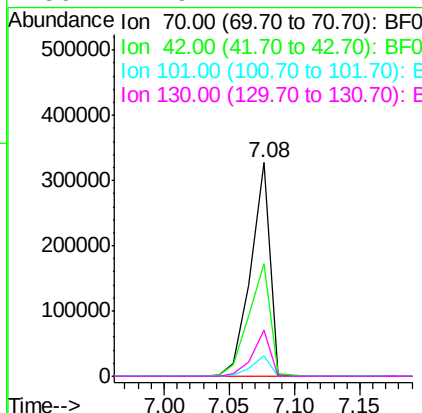
#19
n-Nitroso-di-n-propylamine
Concen: 46.99 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.0	49.4	74.0
101	9.8	7.4	11.2
130	21.9	14.2	21.4#

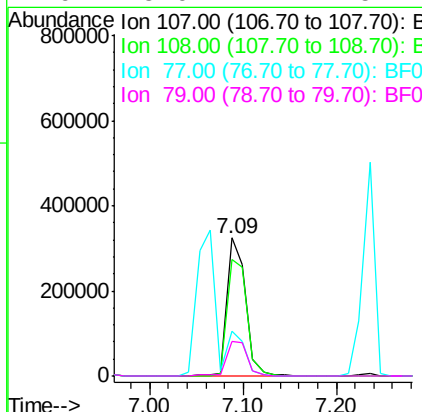
Manual Integrations
APPROVED

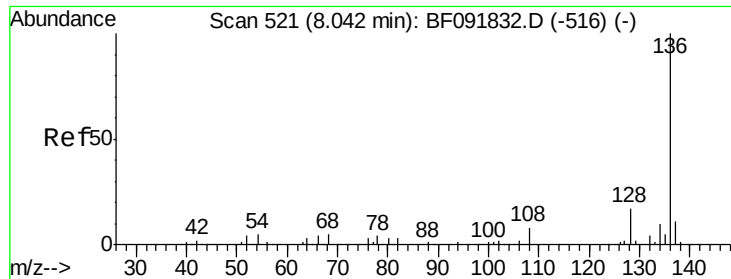
Sohil
1/10/2017 10:01:55 AM



#20
3+4-Methylphenols
Concen: 46.58 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	73.0	113.0
77	32.4	71.3	111.3#
79	25.0	11.1	51.1





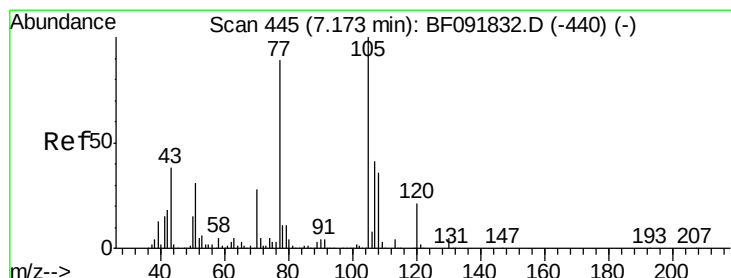
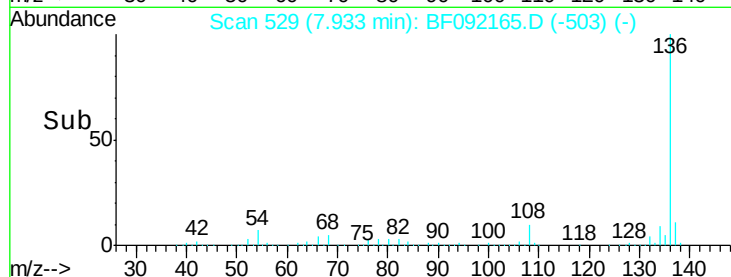
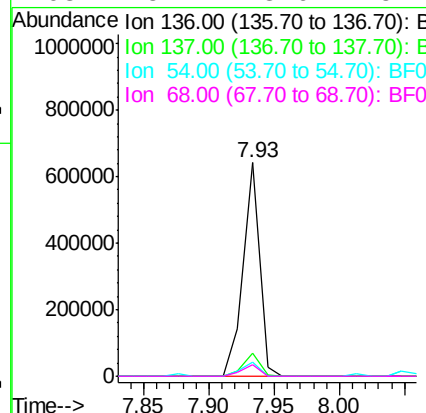
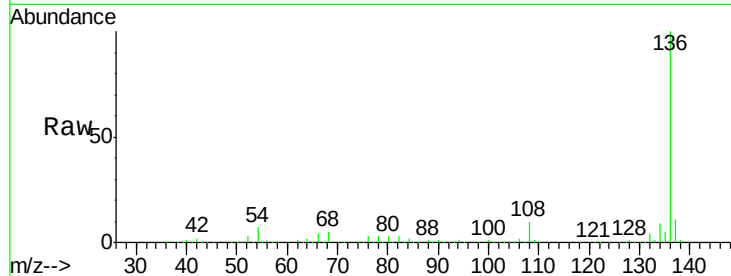
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	559168		
137	10.9	8.4	12.6	
54	6.5	4.5	6.7	
68	5.2	3.6	5.4	

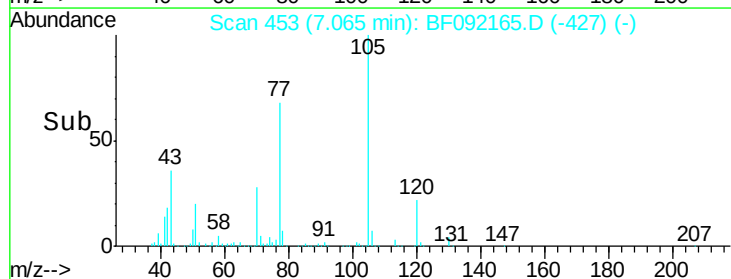
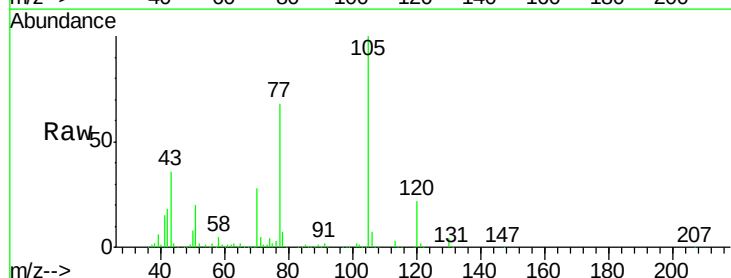
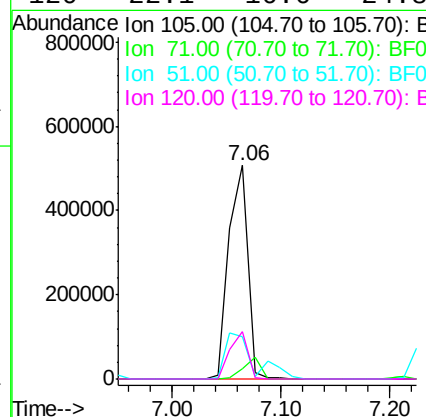
Manual Integrations
APPROVED

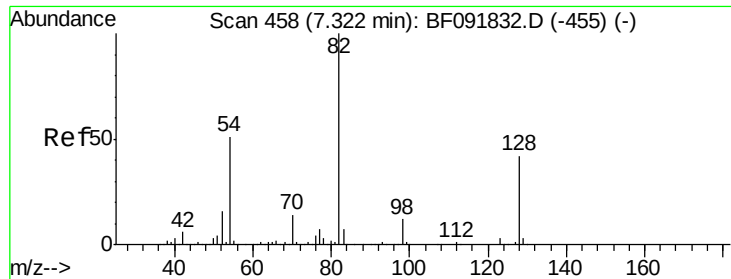
Sohil
1/10/2017 10:01:55 AM



#22
Acetophenone
Concen: 44.78 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617541		
71	4.7	3.2	4.8	
51	19.9	26.2	39.4	
120	22.1	16.6	24.8	





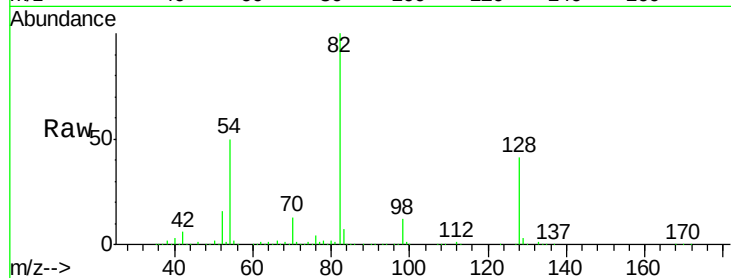
#23
 Nitrobenzene-d5
 Concen: 72.74 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

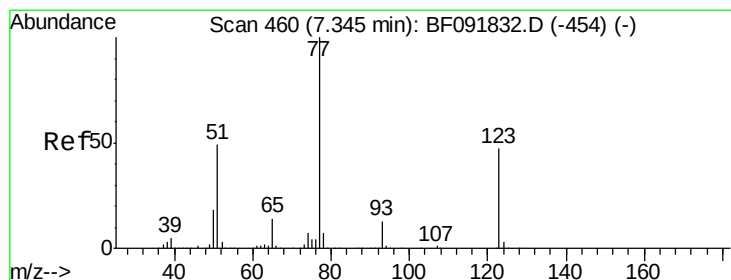
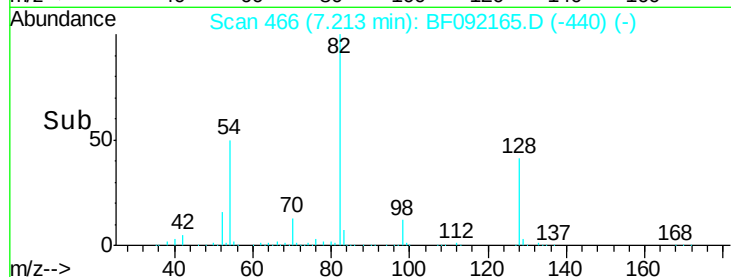
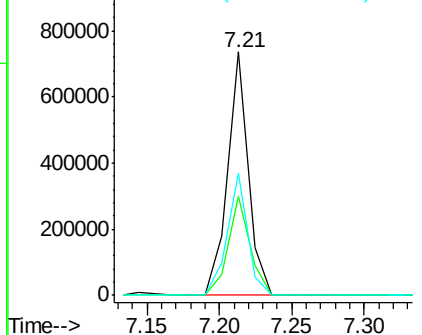
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	50.0	39.5	59.3

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:55 AM



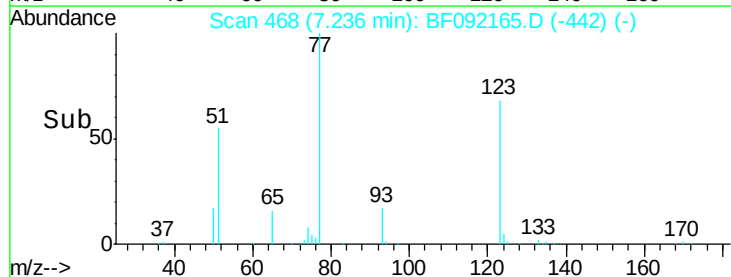
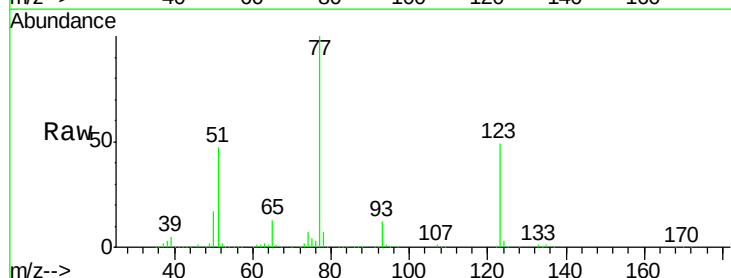
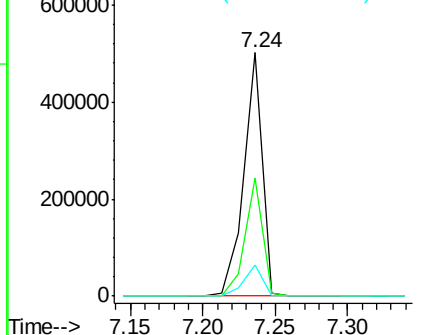
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

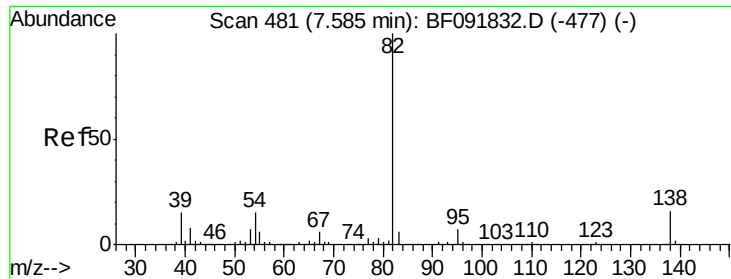


#24
 Nitrobenzene
 Concen: 41.39 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	33.0	49.4
65	12.8	11.2	16.8

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





#25

Isophorone

Concen: 41.59 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

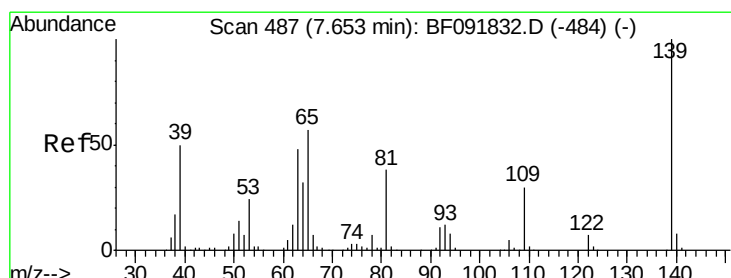
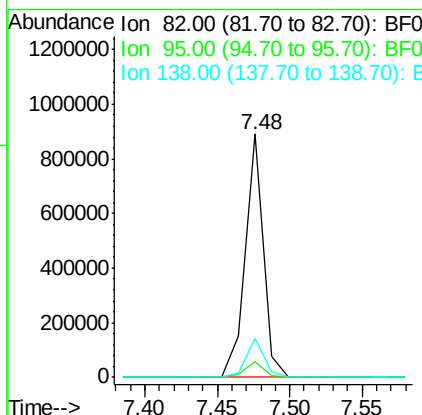
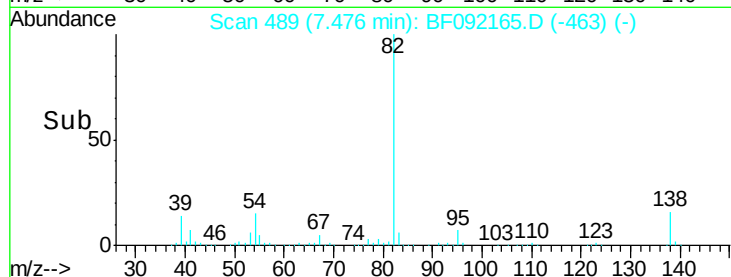
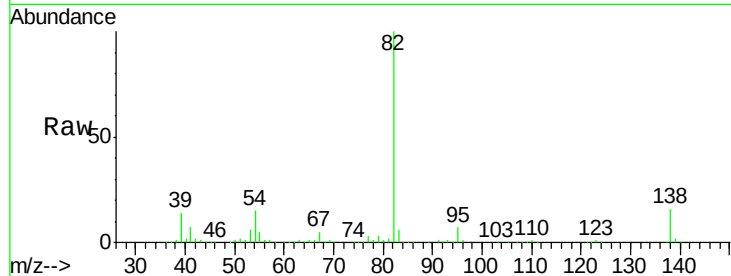
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	771618
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	16.2	14.6	22.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#26

2-Nitrophenol

Concen: 13.62 ng

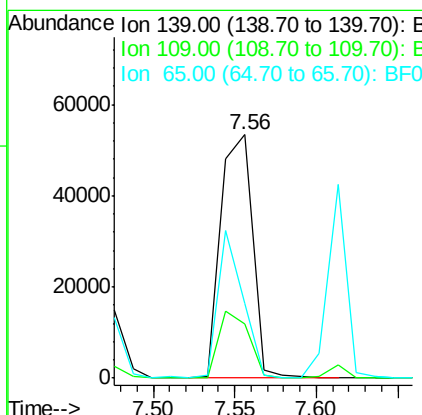
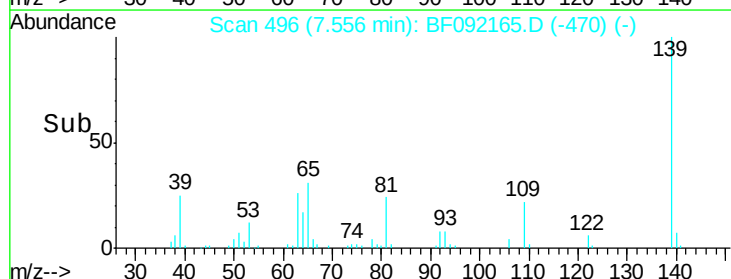
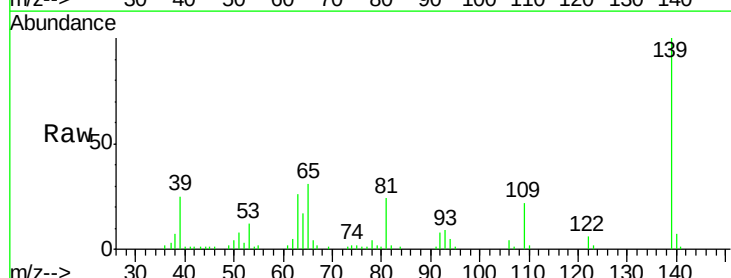
RT: 7.56 min Scan# 496

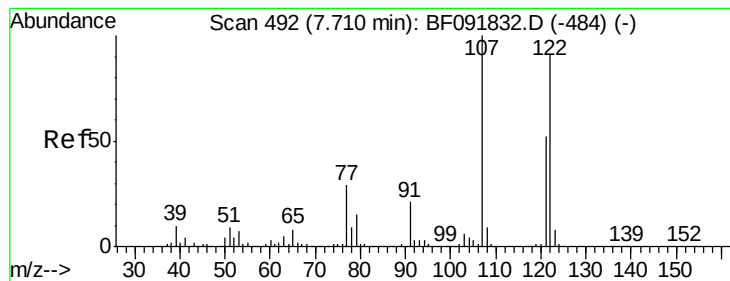
Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	139	Resp:	71934
Ion Ratio	Lower	Upper	
139	100		
109	22.2	23.3	34.9#
65	30.9	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 39.69 ng

RT: 7.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

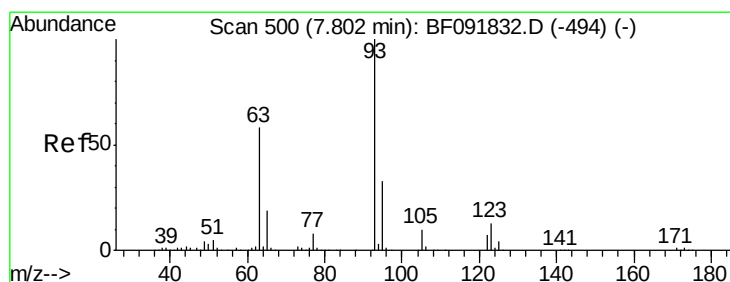
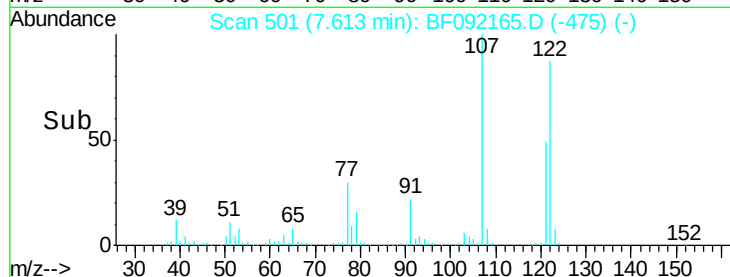
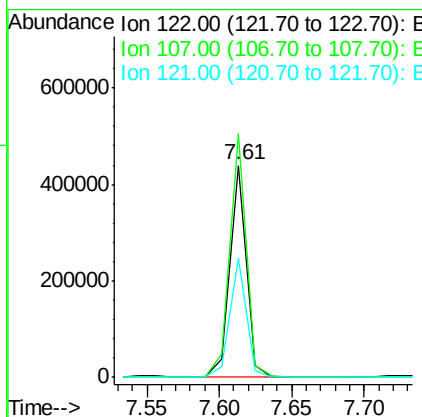
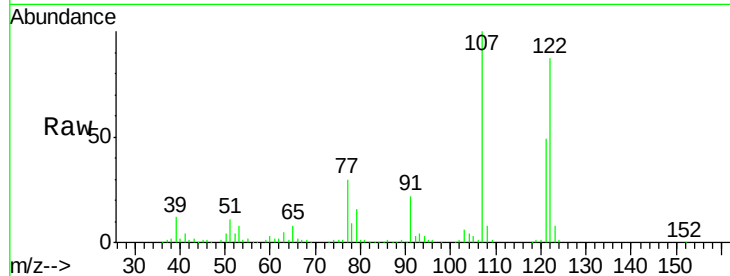
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	347694		
107	115.0	94.1	141.1	
121	56.7	46.0	69.0	

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#28

bis(2-Chloroethoxy)methane

Concen: 43.81 ng

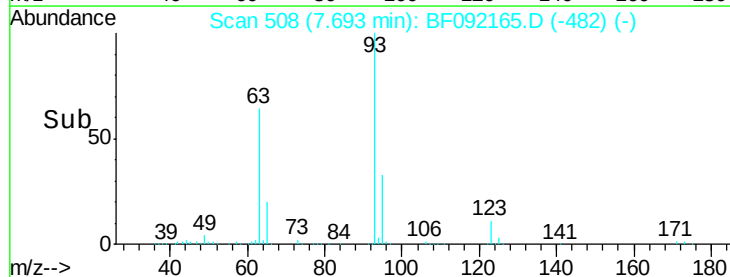
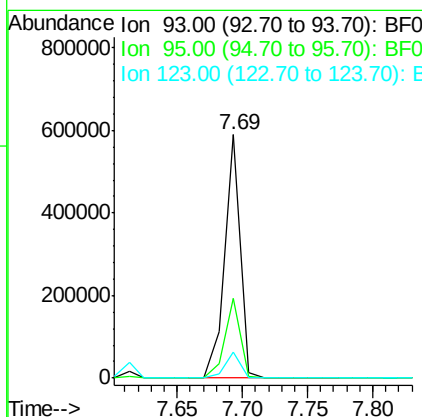
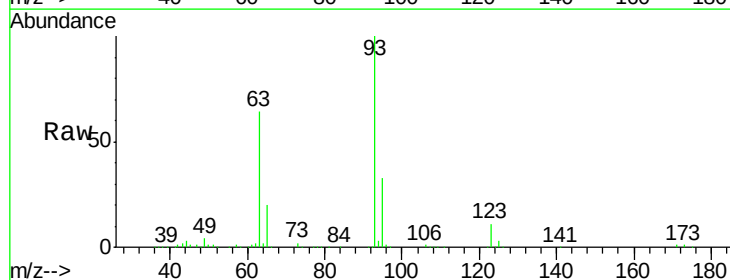
RT: 7.69 min Scan# 508

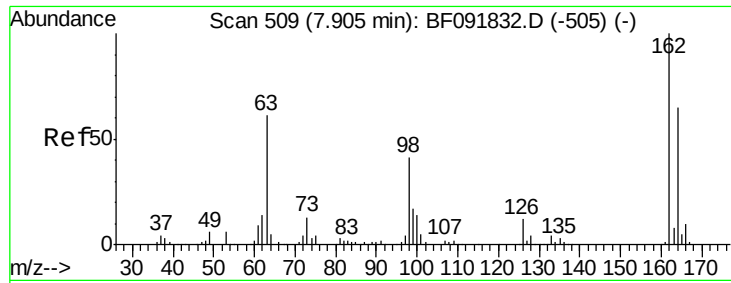
Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	492881		
95	32.7	26.5	39.7	
123	10.7	8.6	13.0	





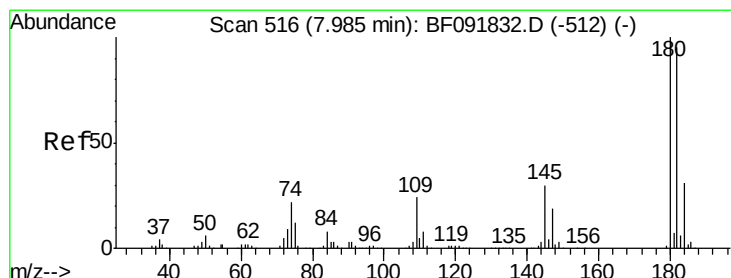
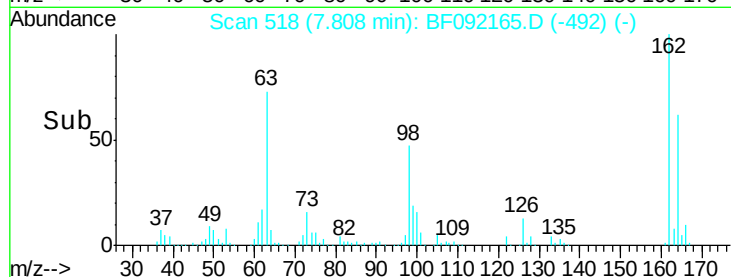
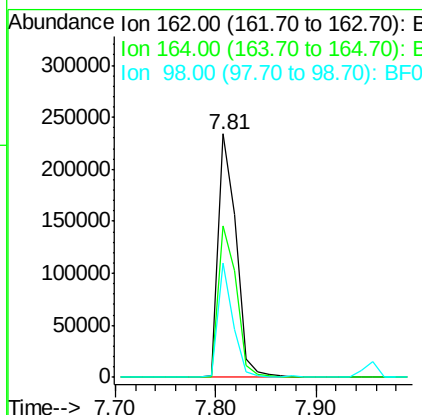
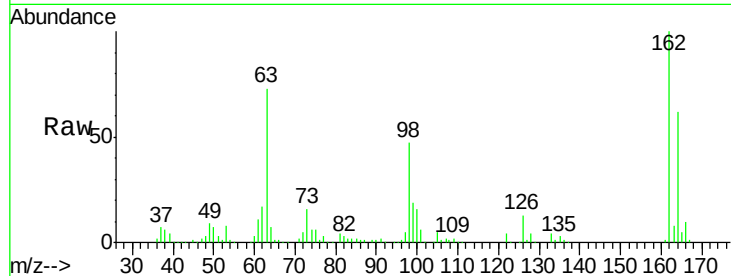
#29
 2,4-Dichlorophenol
 Concen: 38.86 ng
 RT: 7.81 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.4	46.8	86.8
98	46.7	9.1	49.1

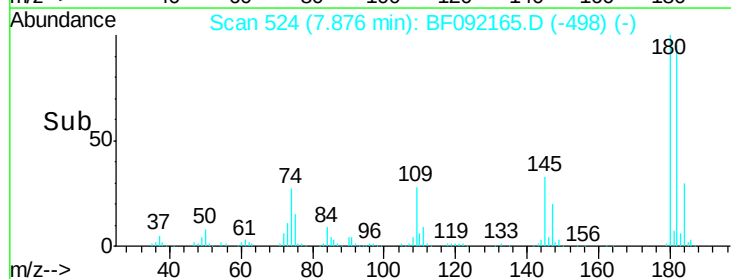
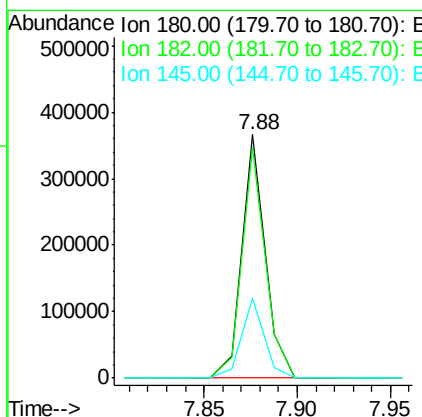
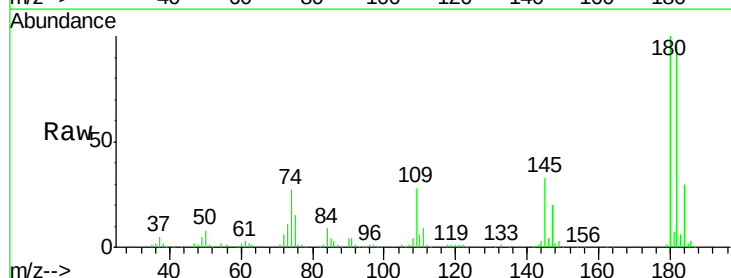
Manual Integrations
 APPROVED

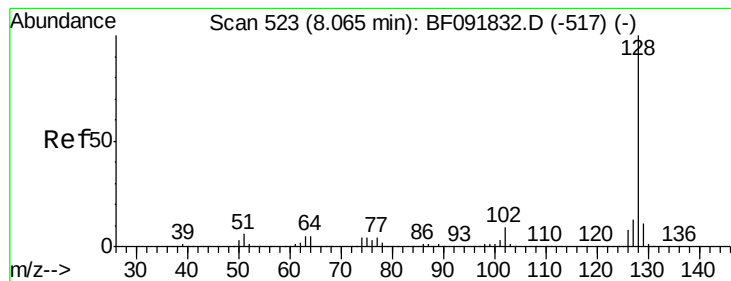
Sohil
 1/10/2017 10:01:55 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.27 ng
 RT: 7.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	78.2	117.4
145	32.8	21.6	32.4#





#31

Naphthalene

Concen: 44.27 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 1132827

Ion Ratio Lower Upper

128 100

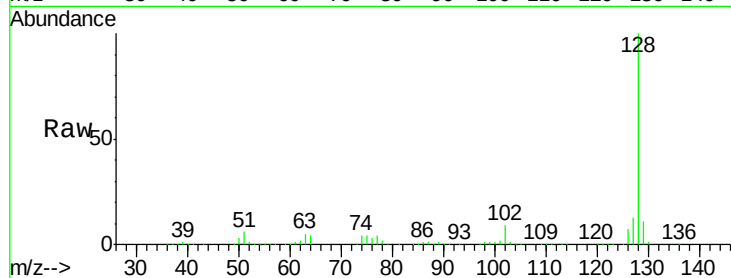
129 10.9 9.5 14.3

127 13.1 10.8 16.2

Manual Integrations
APPROVED

Sohil

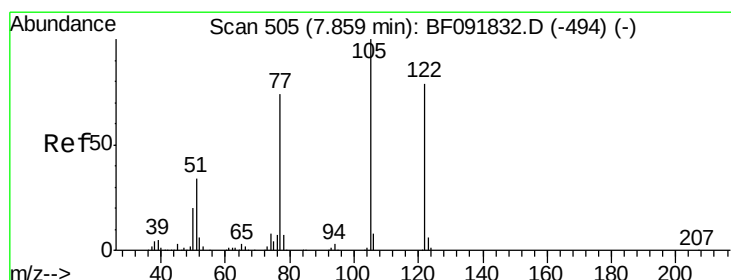
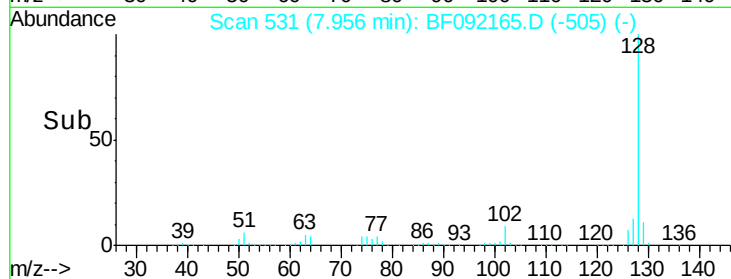
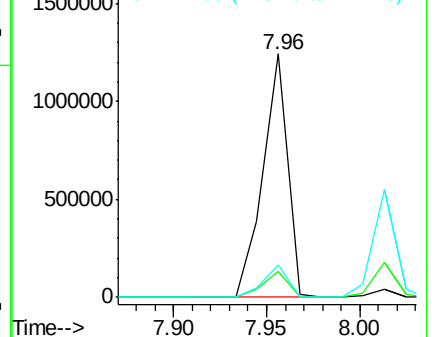
1/10/2017 10:01:55 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.14 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.03 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

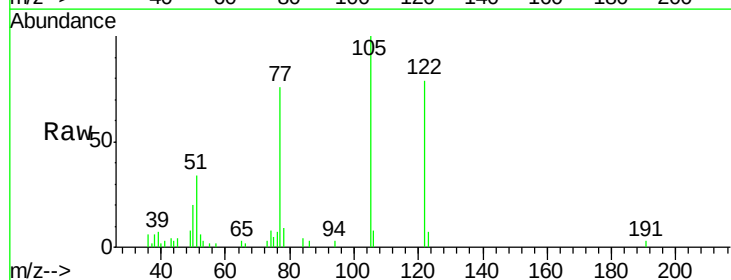
Tgt Ion:122 Resp: 59357

Ion Ratio Lower Upper

122 100

105 126.9 107.2 147.2

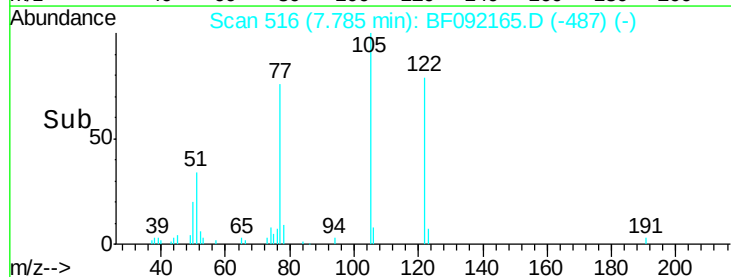
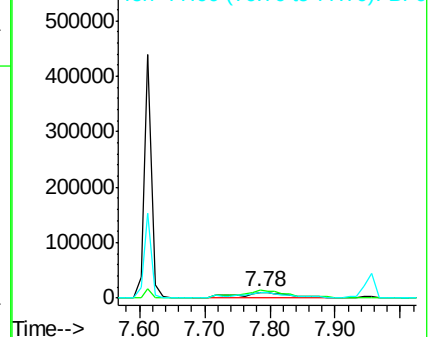
77 97.0 74.5 114.5

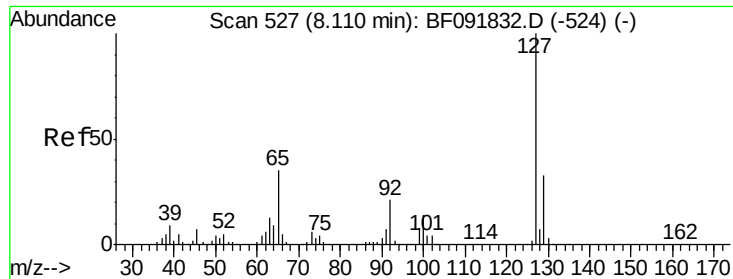


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





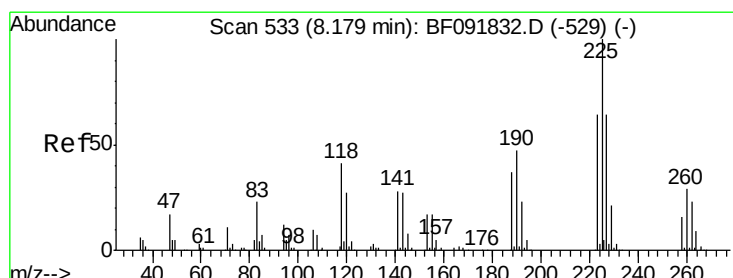
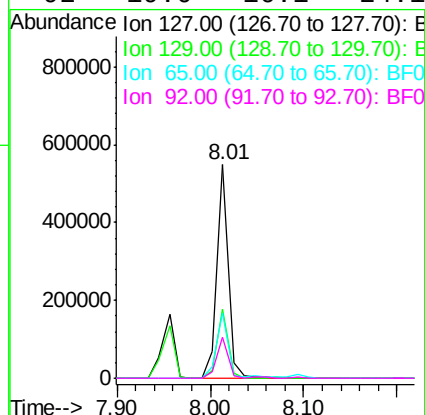
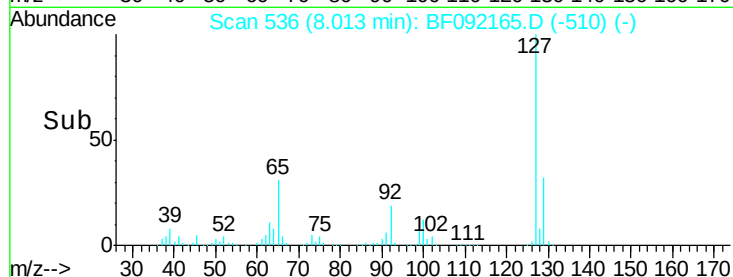
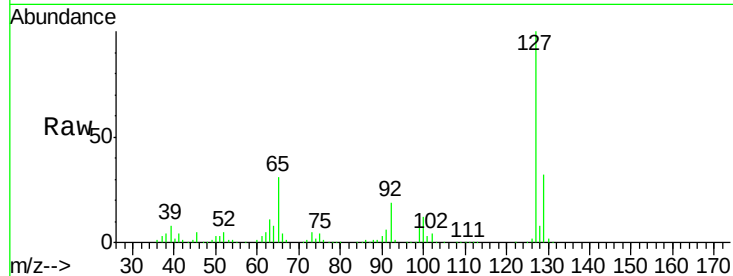
#33
4-Chloroaniline
Concen: 39.96 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	461085		
129	32.5	26.3	39.5	
65	30.7	25.8	38.8	
92	19.0	16.1	24.1	

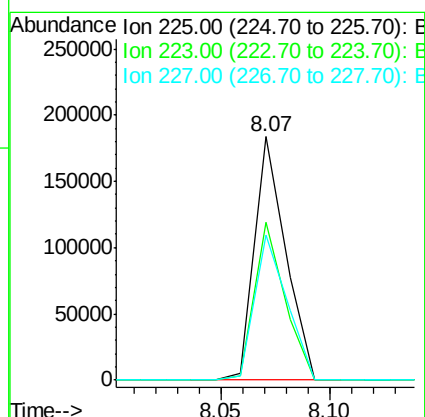
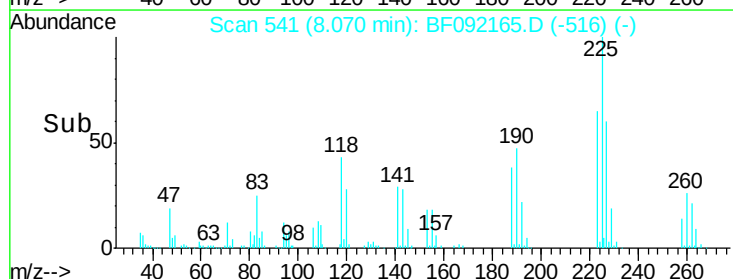
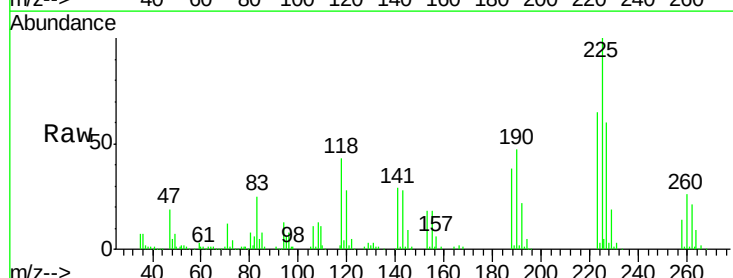
Manual Integrations
APPROVED

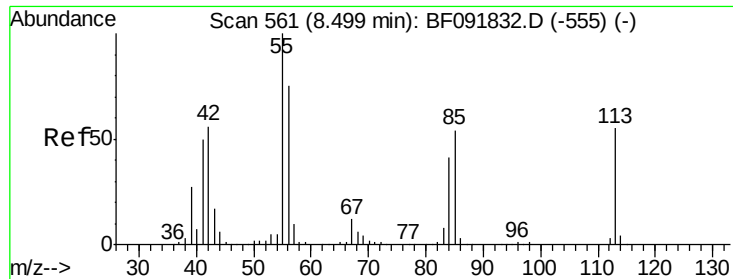
Sohil
1/10/2017 10:01:55 AM



#34
Hexachlorobutadiene
Concen: 42.67 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183098		
223	64.6	51.0	76.6	
227	59.6	50.6	76.0	





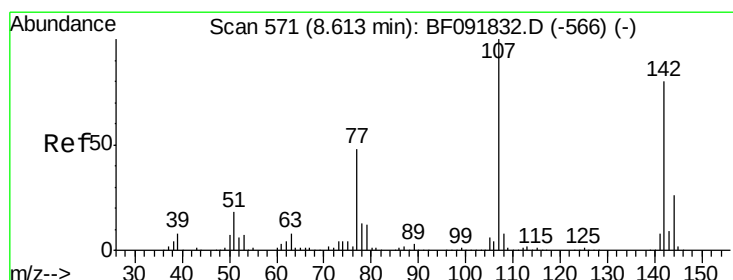
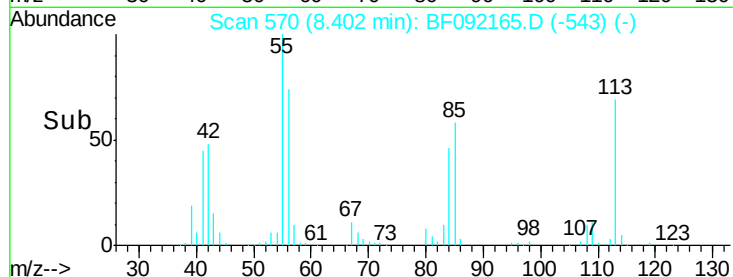
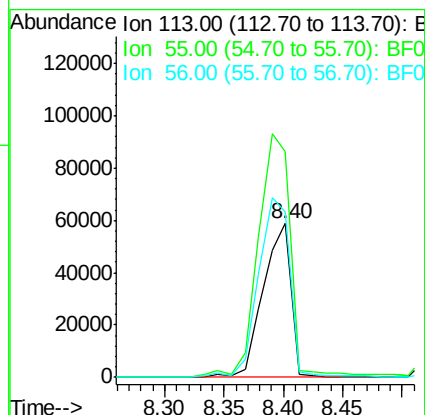
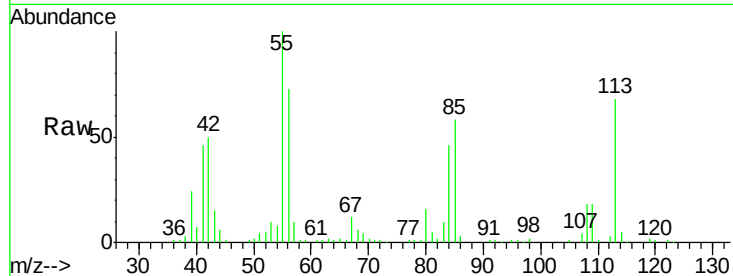
#35
 Caprolactam
 Concen: 39.27 ng
 RT: 8.40 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	146.7	119.2	159.2
56	107.5	83.8	123.8

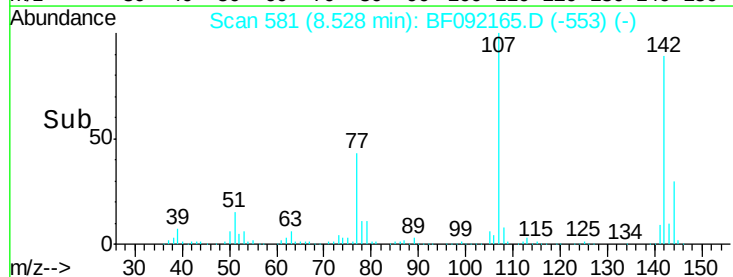
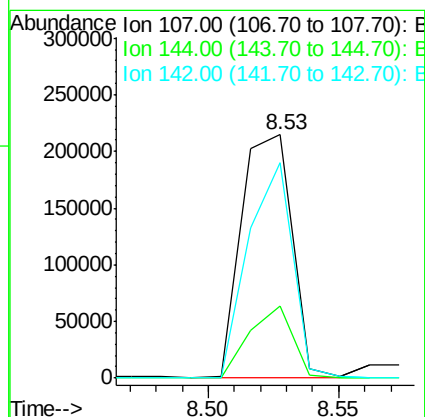
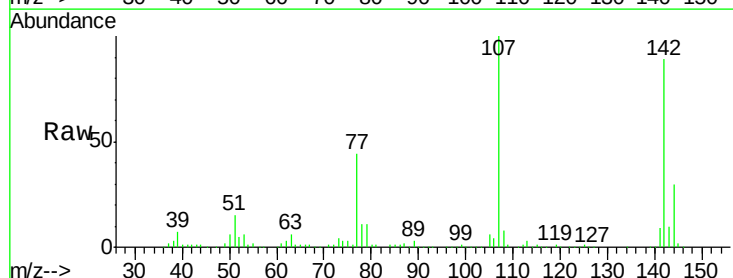
Manual Integrations
 APPROVED

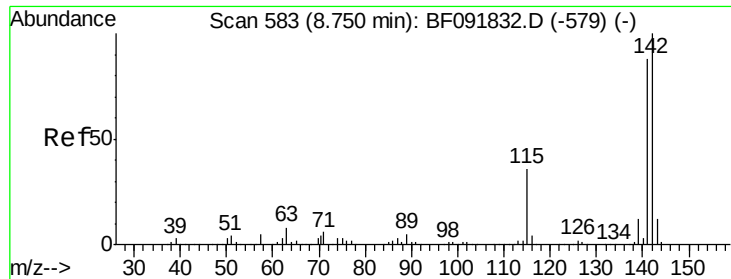
Sohil
 1/10/2017 10:01:55 AM



#36
 4-Chloro-3-methylphenol
 Concen: 34.41 ng
 RT: 8.53 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.6	19.3	28.9#
142	88.7	59.0	88.6#





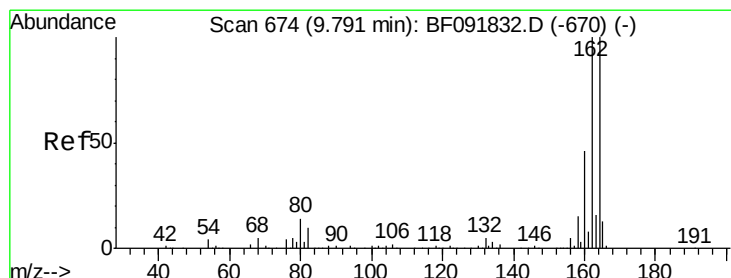
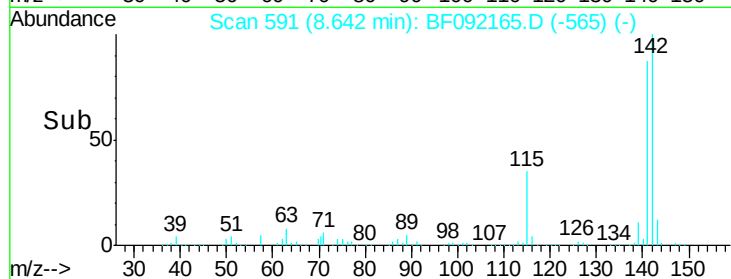
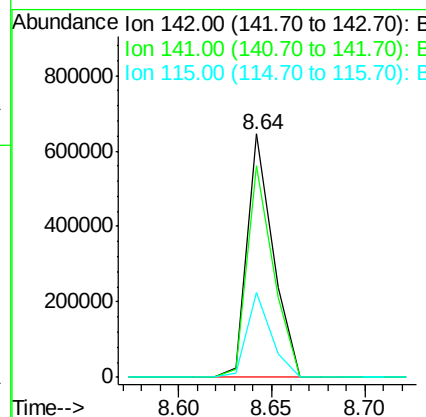
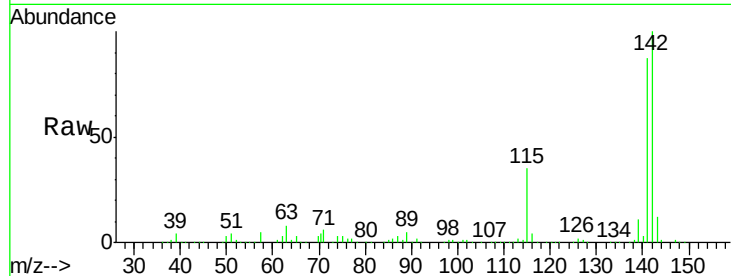
#37
 2-Methylnaphthalene
 Concen: 38.18 ng
 RT: 8.64 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.0	106.6
115	34.9	28.3	42.5

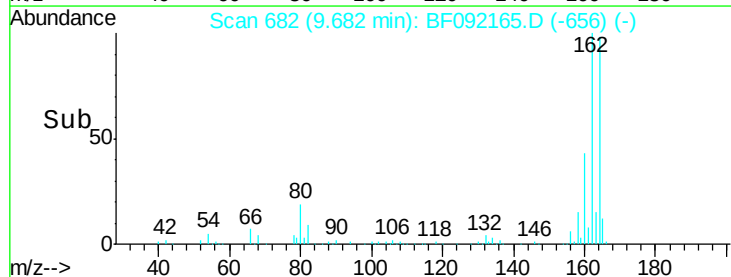
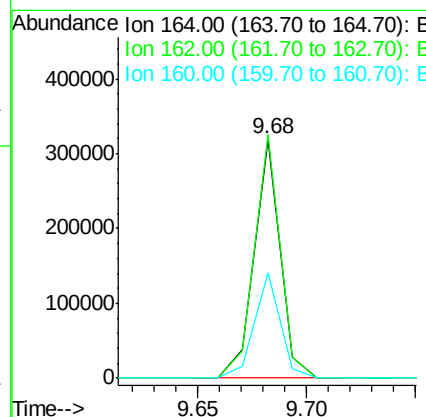
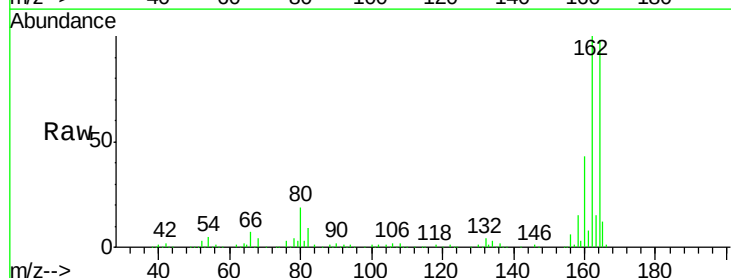
Manual Integrations
 APPROVED

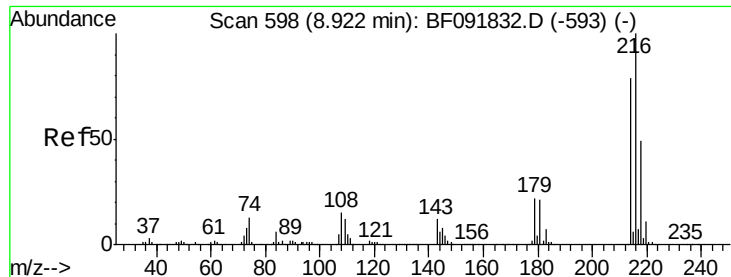
Sohil
 1/10/2017 10:01:55 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	44.2	36.9	55.3





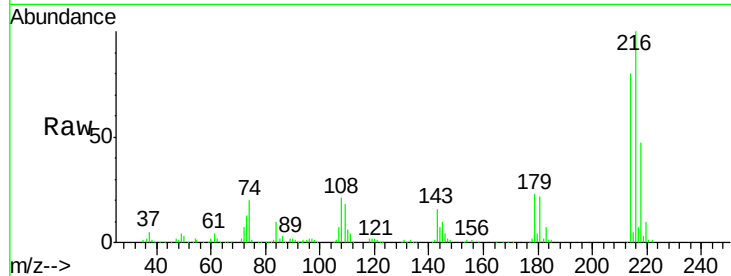
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.44 ng
 RT: 8.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

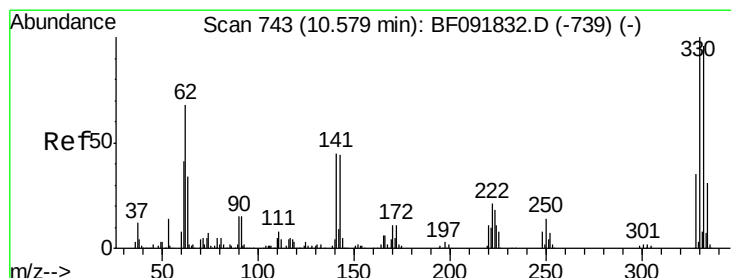
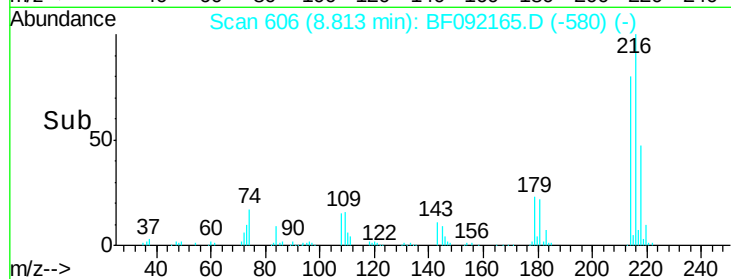
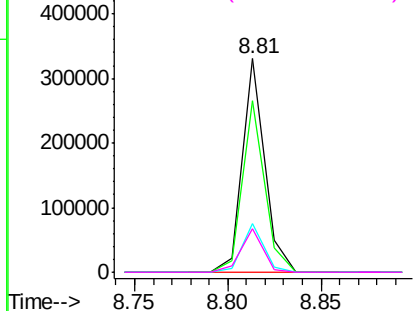
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	276264		
214	79.6	63.4	95.0	
179	22.1	17.4	26.2	
108	20.7	15.6	23.4	

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:55 AM

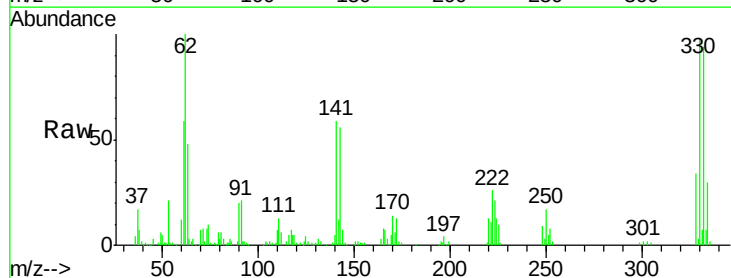


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

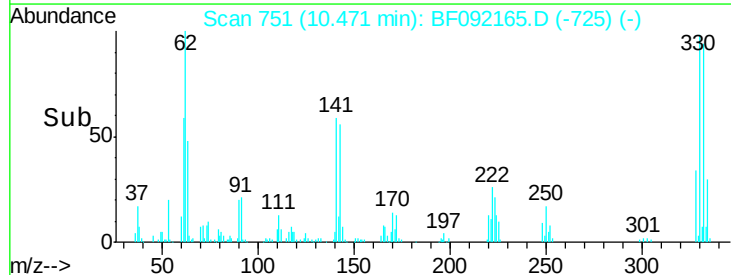
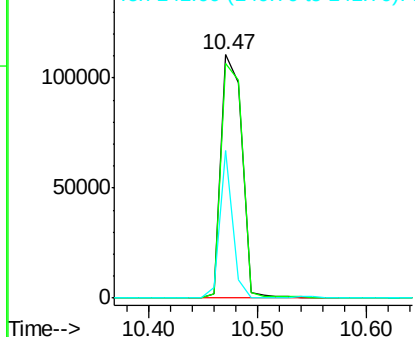


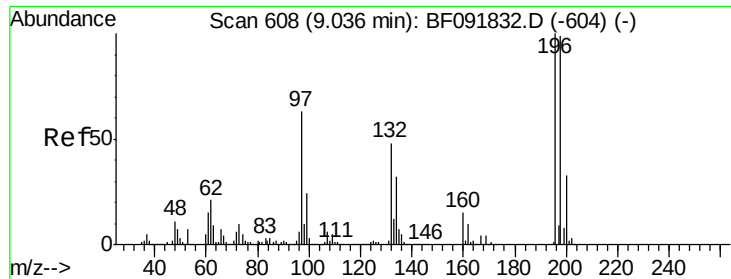
#41
 2,4,6-Tribromophenol
 Concen: 68.08 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148676		
332	98.8	77.4	116.2	
141	37.0	34.1	51.1	



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





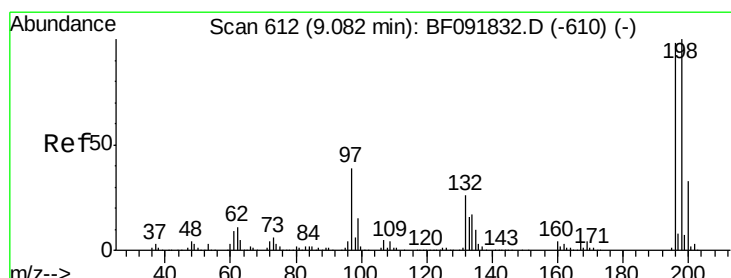
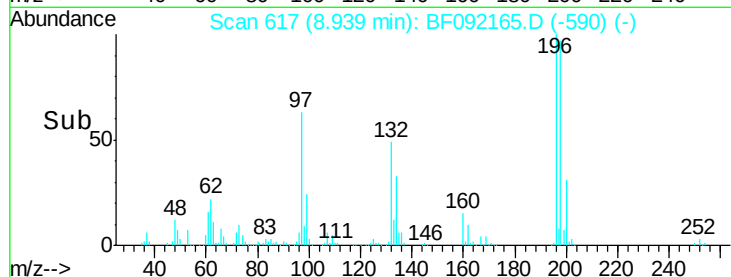
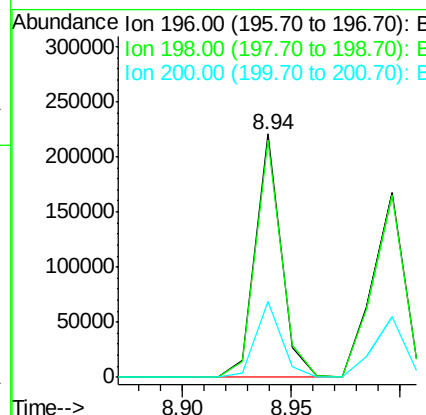
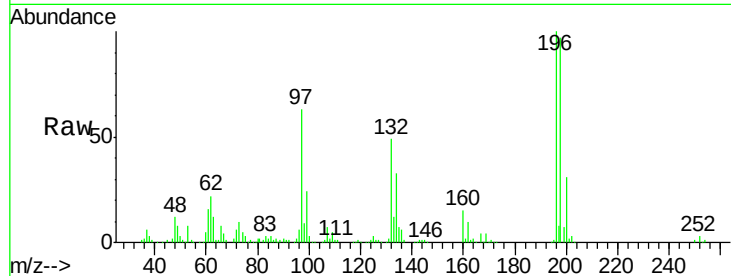
#42
 2,4,6-Trichlorophenol
 Concen: 39.05 ng
 RT: 8.94 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182078		
198	97.3	82.1	123.1	
200	31.2	27.0	40.4	

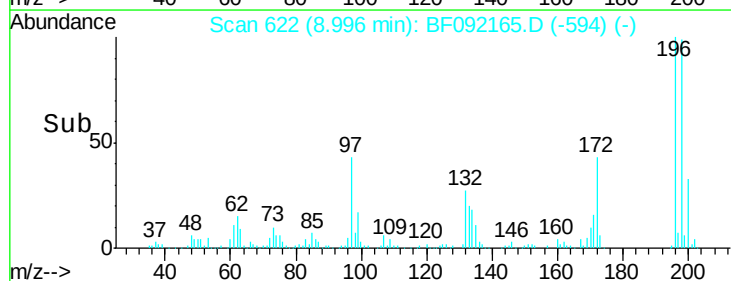
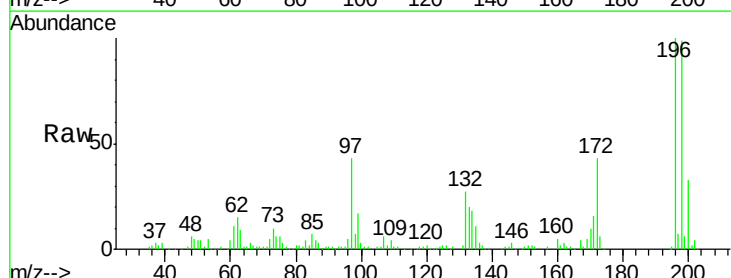
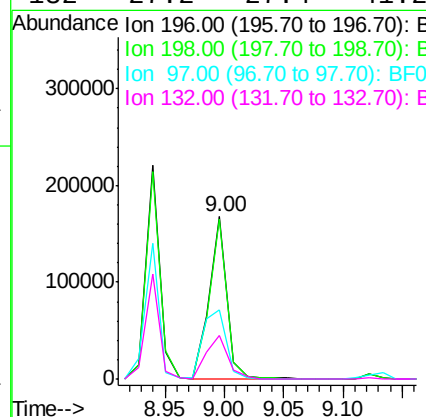
Manual Integrations
 APPROVED

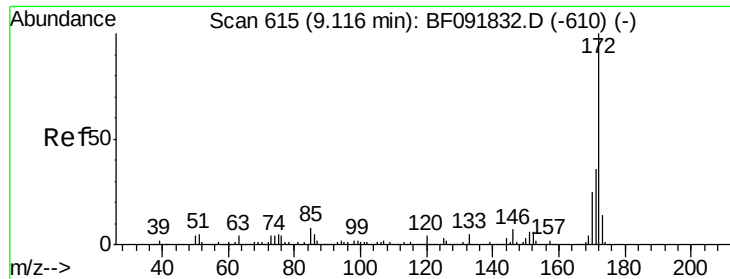
Sohil
 1/10/2017 10:01:55 AM



#43
 2,4,5-Trichlorophenol
 Concen: 36.42 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.02 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174754		
198	98.6	79.4	119.2	
97	42.6	51.5	77.3#	
132	27.2	27.4	41.2#	





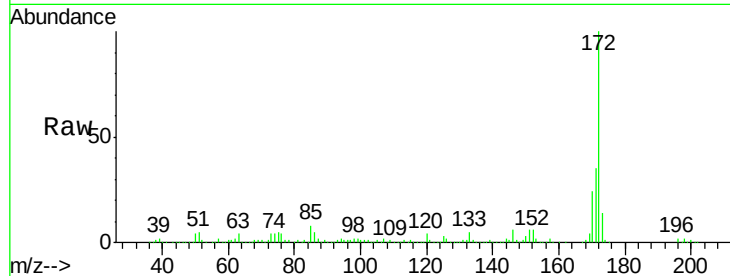
#44
2-Fluorobiphenyl
Concen: 90.23 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

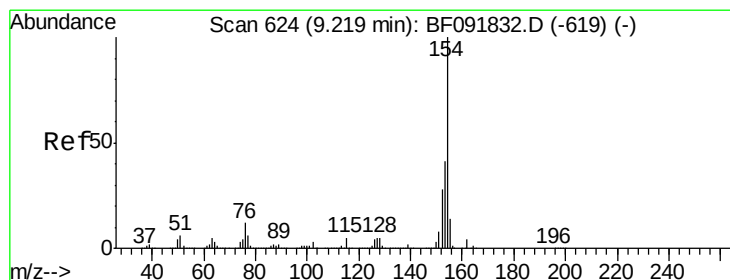
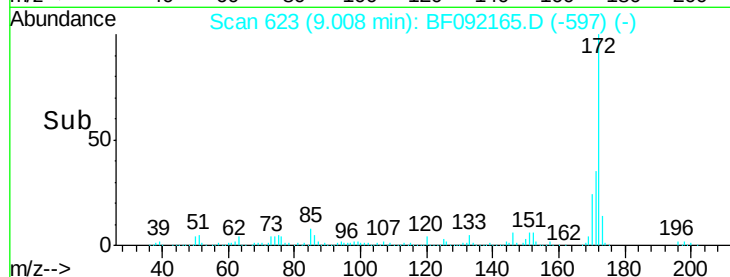
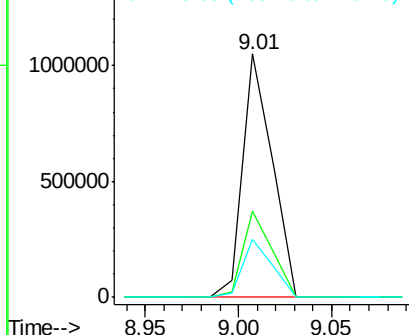
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.0	20.2	30.4

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM

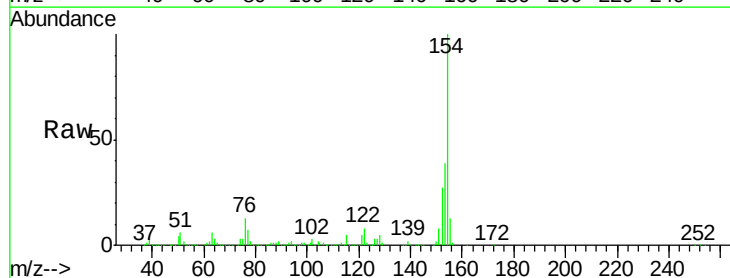


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

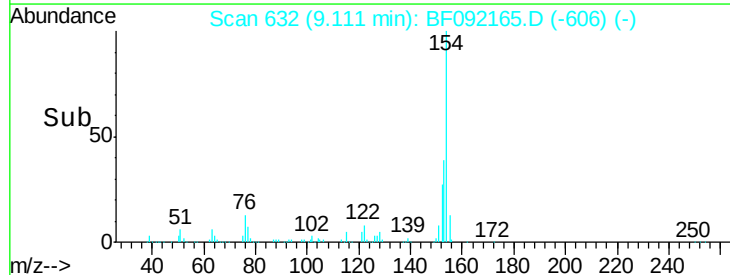
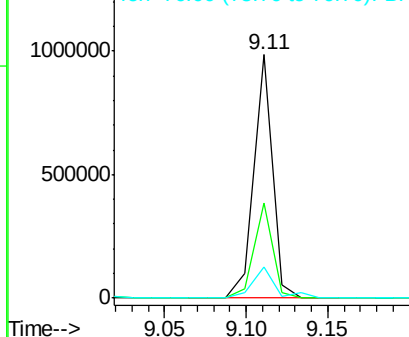


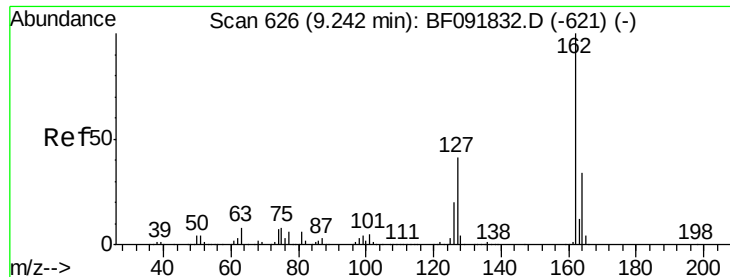
#45
1,1'-Biphenyl
Concen: 43.23 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.9	60.9
76	12.9	0.0	30.5



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





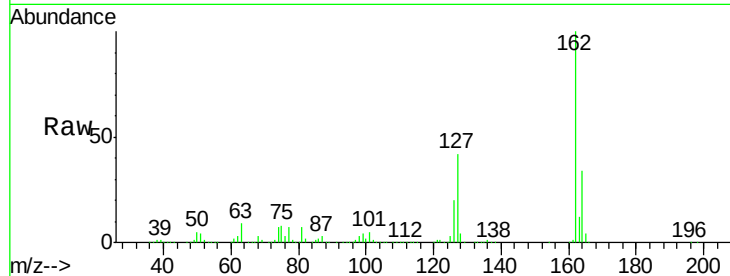
#46
 2-Chloronaphthalene
 Concen: 40.31 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

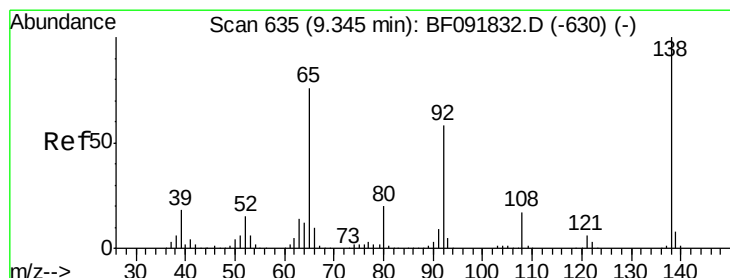
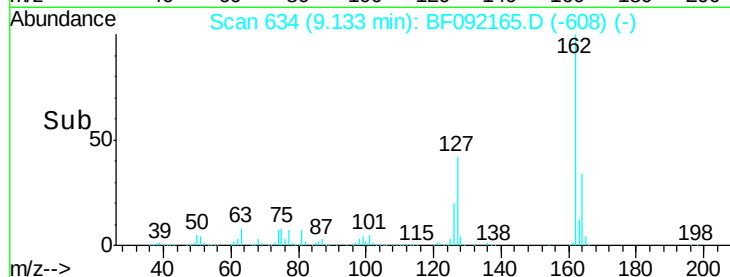
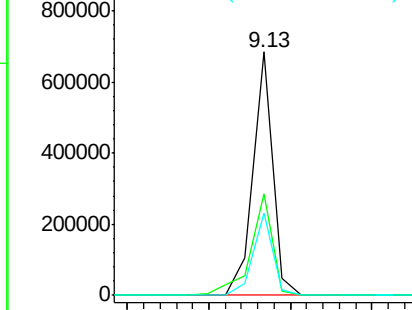
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	576832		
127	42.0		30.7	46.1
164	33.6		27.6	41.4

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:55 AM

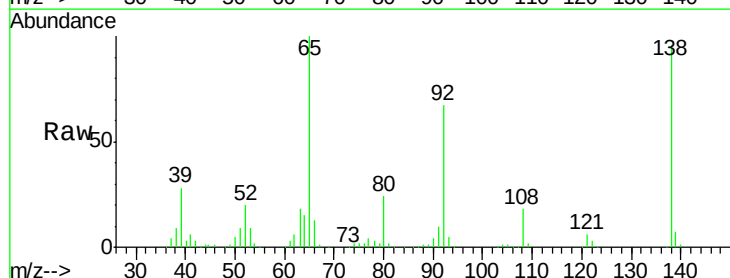


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

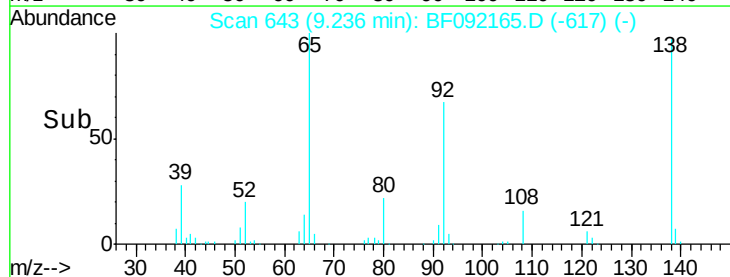
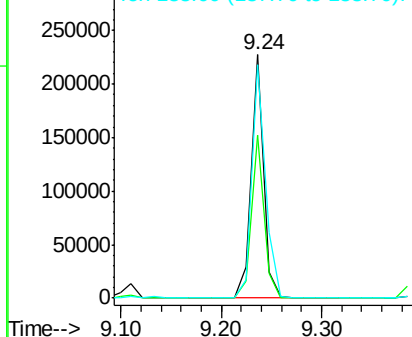


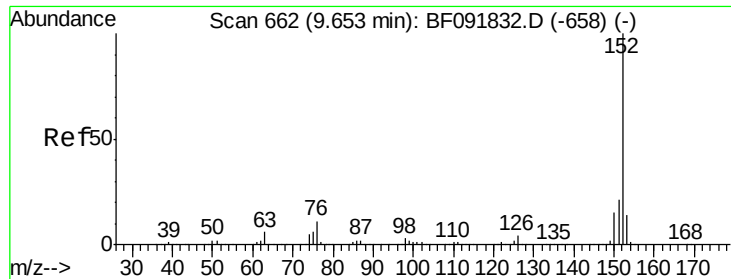
#47
 2-Nitroaniline
 Concen: 38.36 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	195423		
92	67.1		53.9	80.9
138	96.1		76.8	115.2



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





#48

Acenaphthylene

Concen: 43.33 ng

RT: 9.54 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

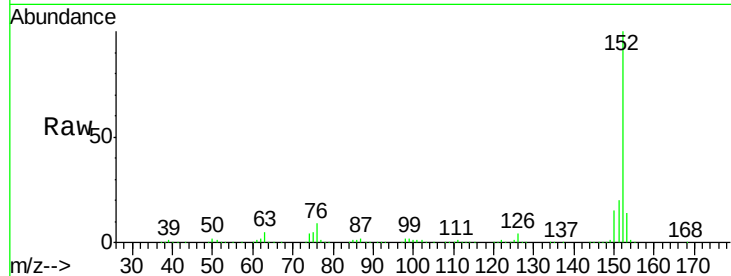
ClientSampleId :

SSTDCCC040EC

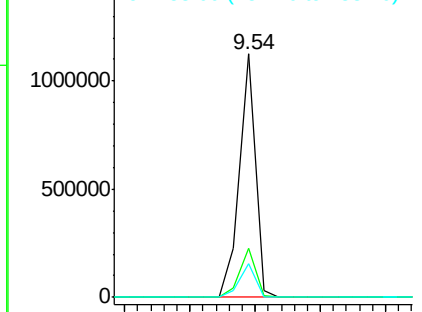
Tgt Ion:	152	Resp:	953435
Ion Ratio		Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.9	11.4	17.2

Manual Integrations
APPROVED

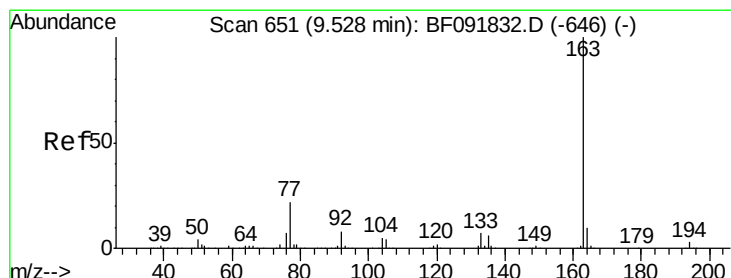
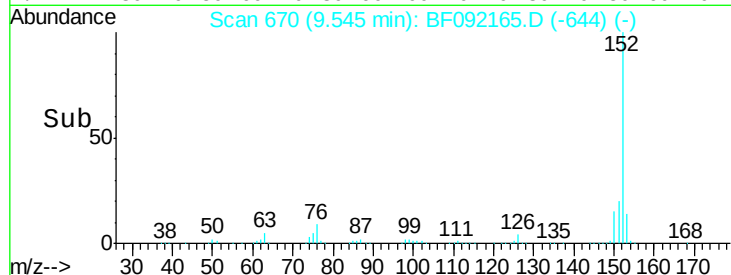
Sohil
1/10/2017 10:01:55 AM



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



Time--> 9.45 9.50 9.55 9.60 9.65



#49

Dimethylphthalate

Concen: 41.50 ng

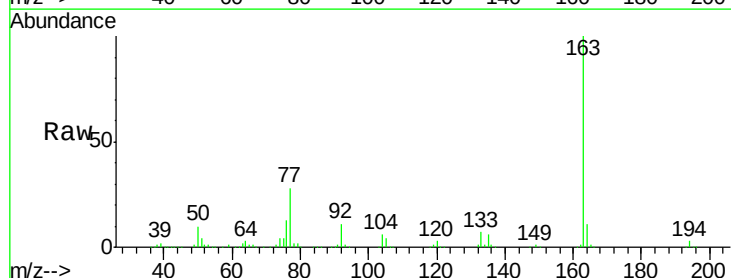
RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

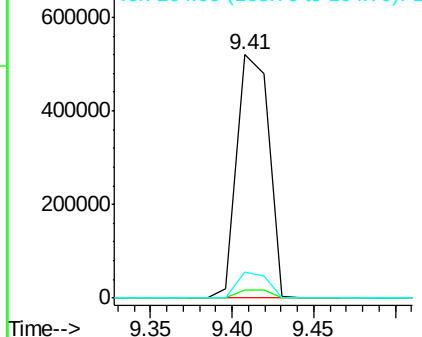
Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

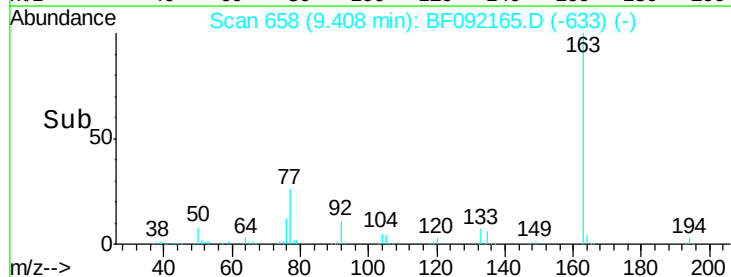
Tgt Ion:	163	Resp:	700477
Ion Ratio		Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	8.0	12.0

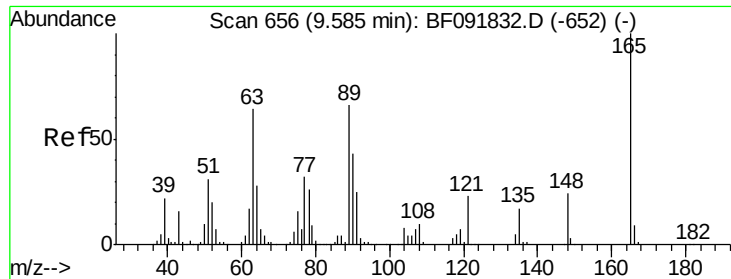


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 9.35 9.40 9.45





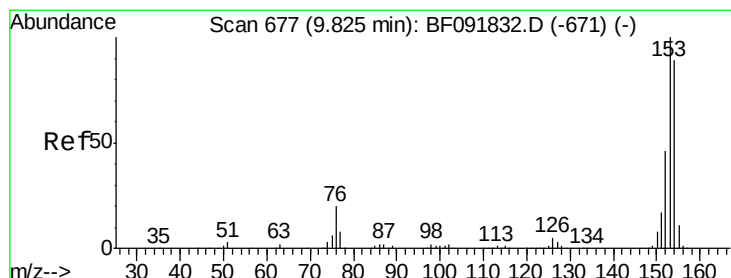
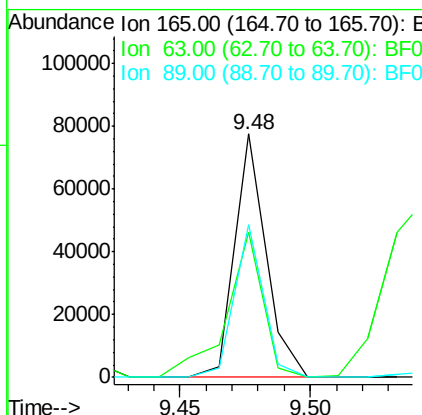
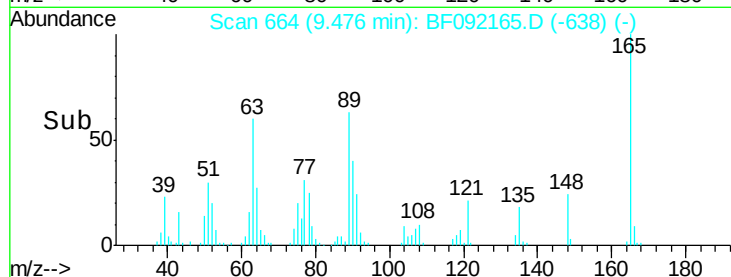
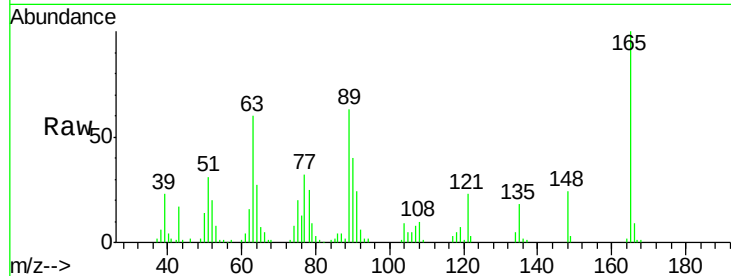
#50
2,6-Dinitrotoluene
Concen: 17.68 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.8	36.2	54.4#
89	62.7	40.2	60.4#

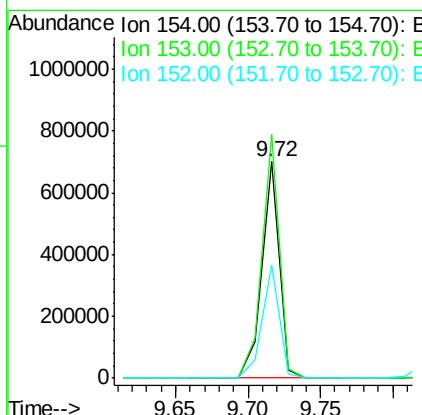
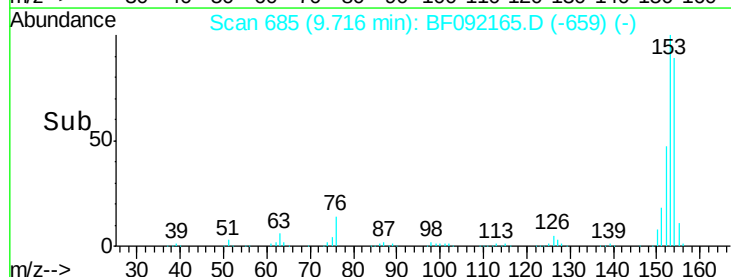
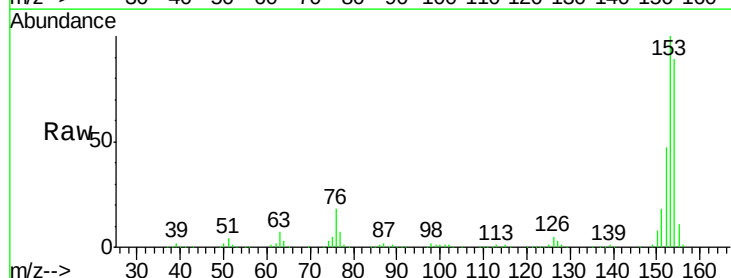
Manual Integrations
APPROVED

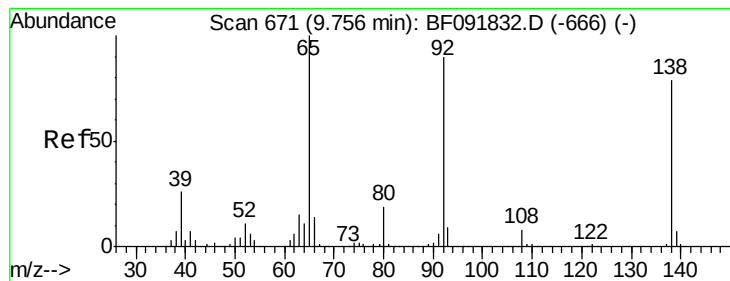
Sohil
1/10/2017 10:01:55 AM



#51
Acenaphthene
Concen: 38.80 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	88.6	133.0
152	52.5	41.6	62.4





#52

3-Nitroaniline

Concen: 39.88 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

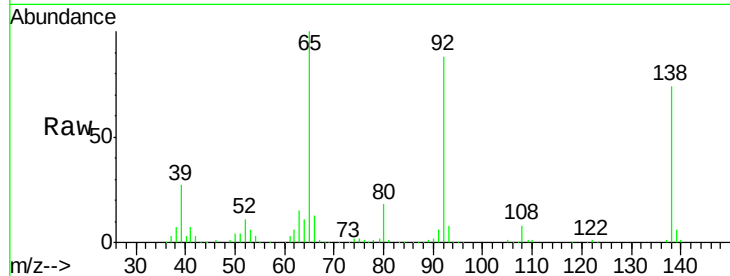
ClientSampleId :

SSTDCCC040EC

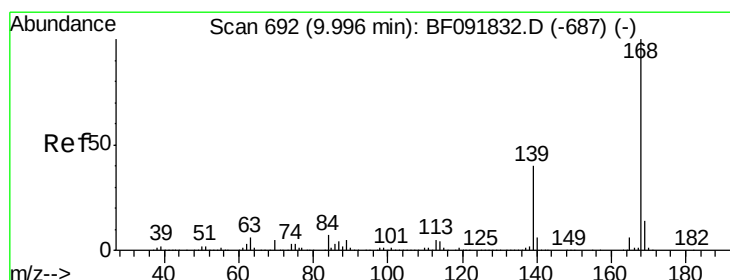
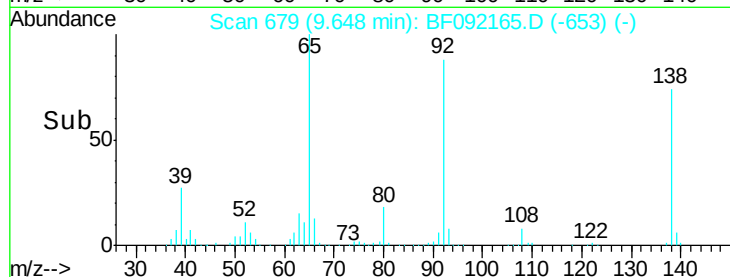
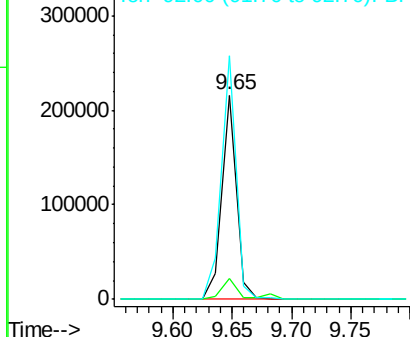
Tgt Ion:	138	Resp:	182323
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.5	12.7
92	119.2	97.8	146.8

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



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



#54

Dibenzofuran

Concen: 40.22 ng

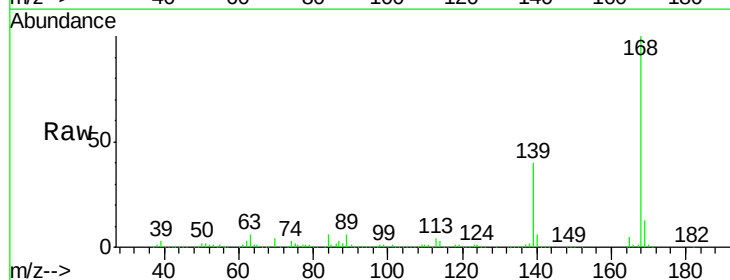
RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

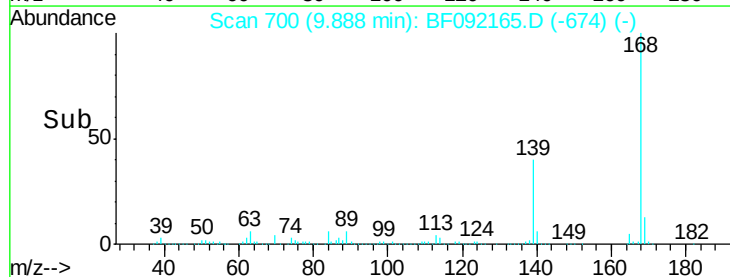
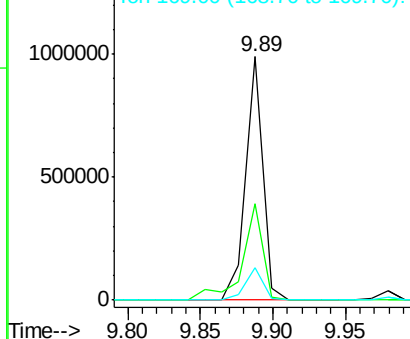
Lab File: BF092165.D

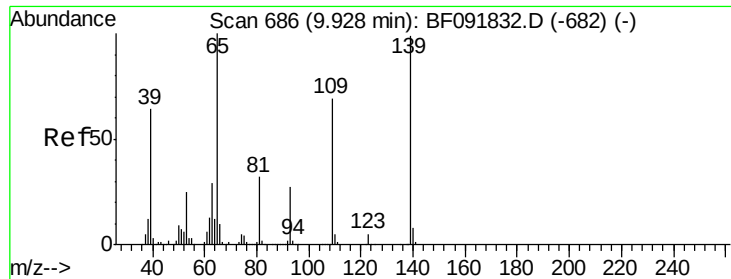
Acq: 10 Jan 2017 3:44

Tgt Ion:	168	Resp:	810284
Ion Ratio	Lower	Upper	
168	100		
139	39.5	32.6	49.0
169	13.5	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 16.60 ng m

RT: 9.85 min Scan# 697

Delta R.T. 0.02 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

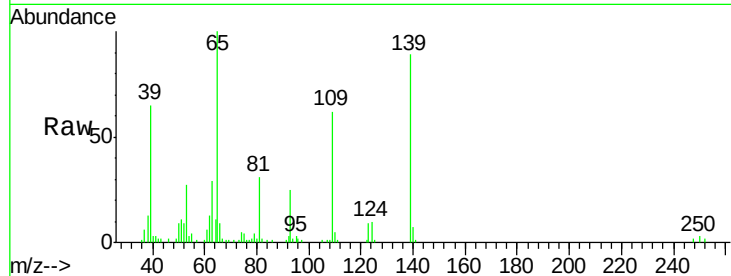
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	139	Resp:	51527
Ion Ratio	Lower	Upper	
139	100		
109	69.3	52.2	92.2
65	111.8	85.8	125.8

Manual Integrations
APPROVED

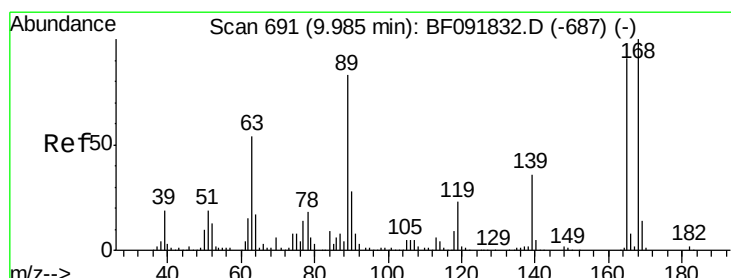
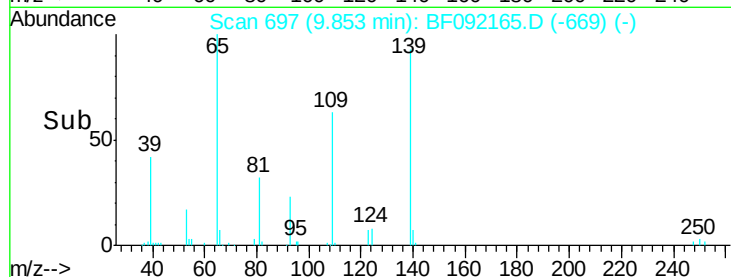
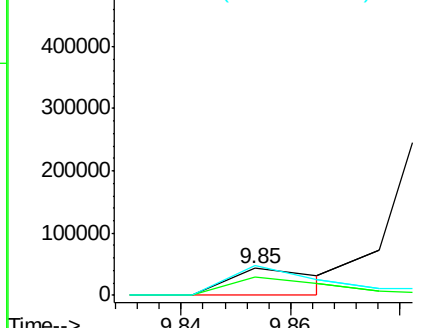
Sohil
1/10/2017 10:01:55 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 11.79 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

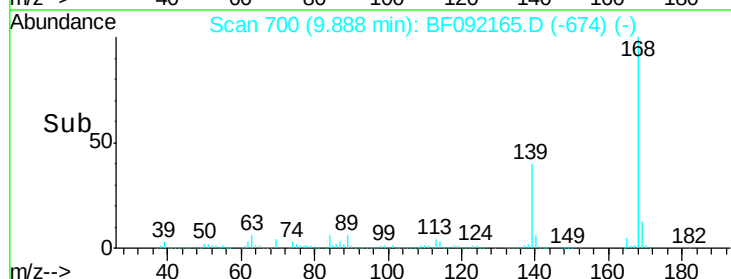
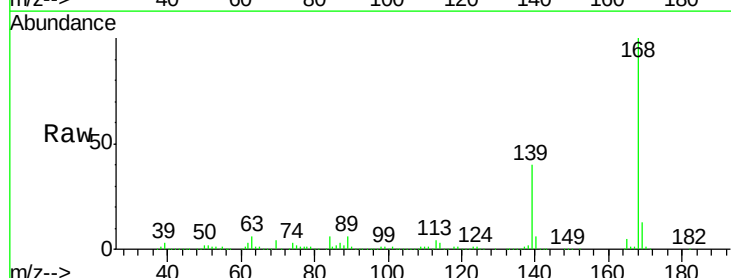
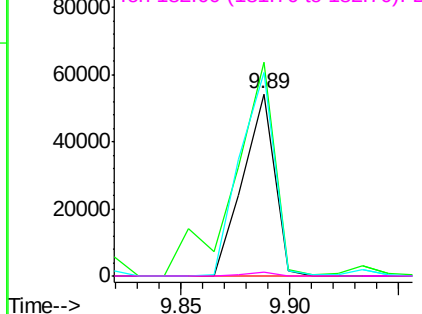
Tgt Ion:	165	Resp:	54680
Ion Ratio	Lower	Upper	
165	100		
63	117.4	40.2	60.4#
89	111.6	62.5	93.7#
182	2.2	1.8	2.8

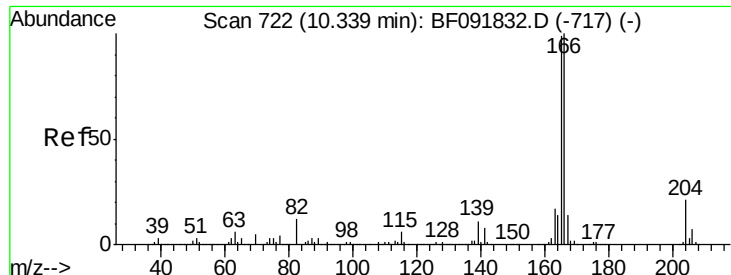
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





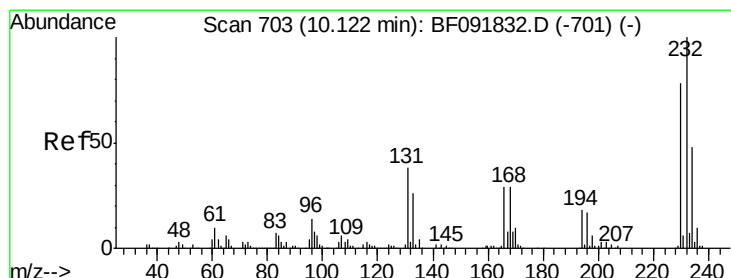
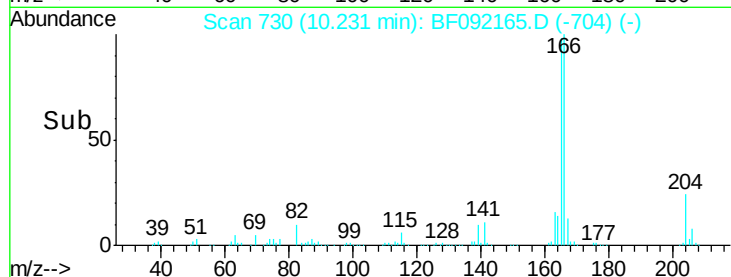
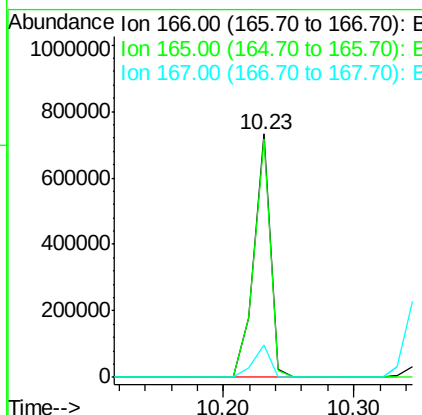
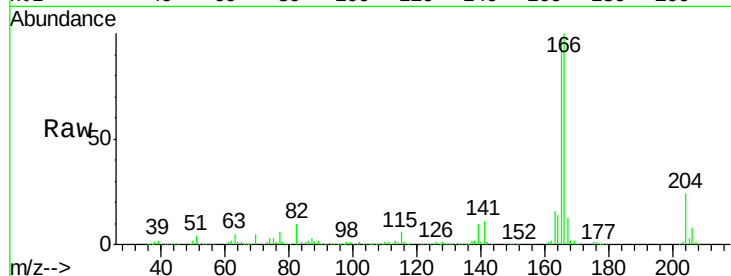
#57
 Fluorene
 Concen: 43.90 ng
 RT: 10.23 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	643546		
165	97.8		77.8	116.8
167	13.4		10.8	16.2

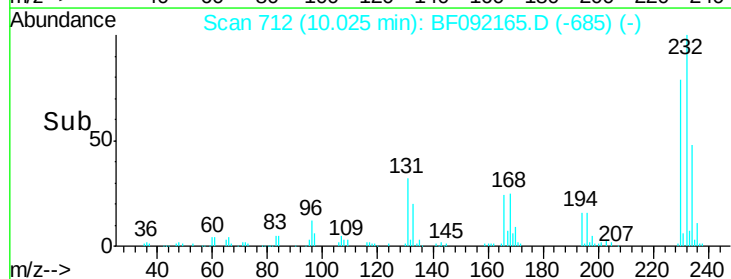
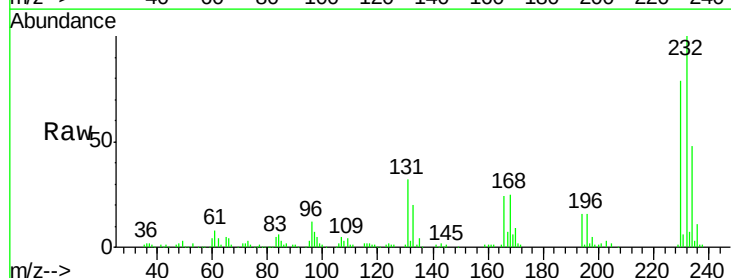
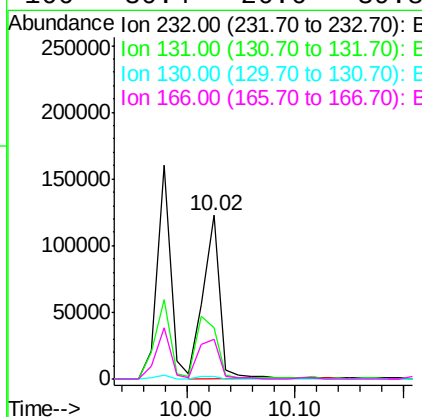
Manual Integrations
 APPROVED

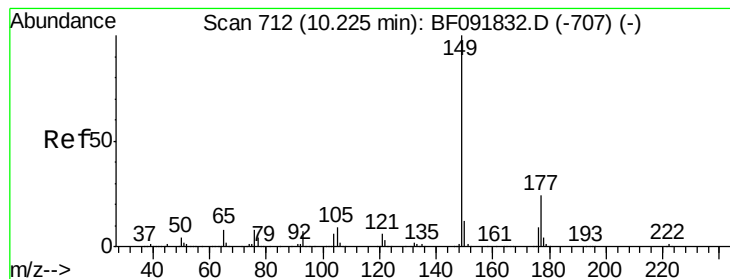
Sohil
 1/10/2017 10:01:55 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.64 ng
 RT: 10.02 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131467		
131	46.5		40.1	60.1
130	2.0		1.8	2.8
166	30.4		26.6	39.8





#59

Diethylphthalate

Concen: 42.21 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

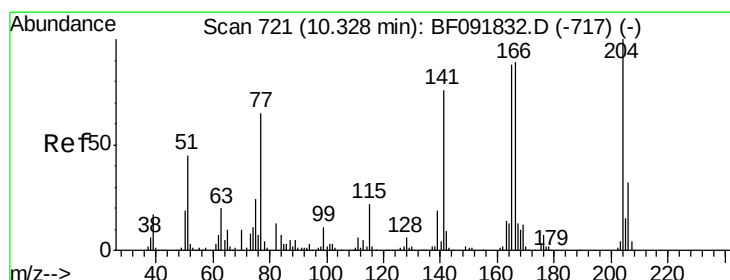
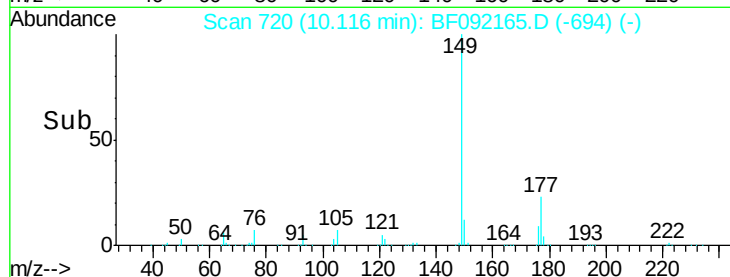
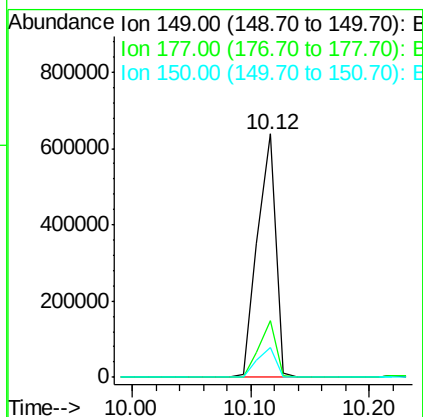
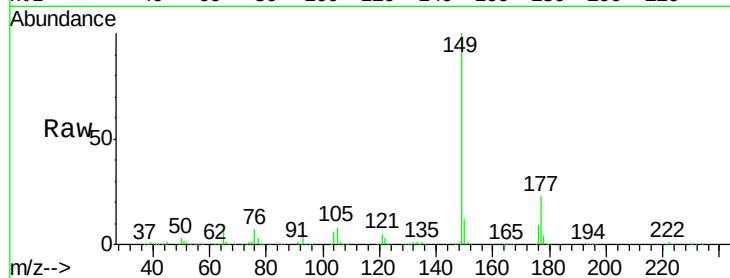
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	691797
Ion Ratio	Lower	Upper	
149	100		
177	23.4	16.6	25.0
150	12.0	10.4	15.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#60

4-Chlorophenyl-phenylether

Concen: 42.09 ng

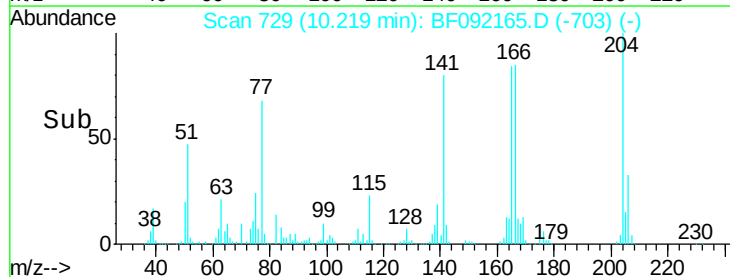
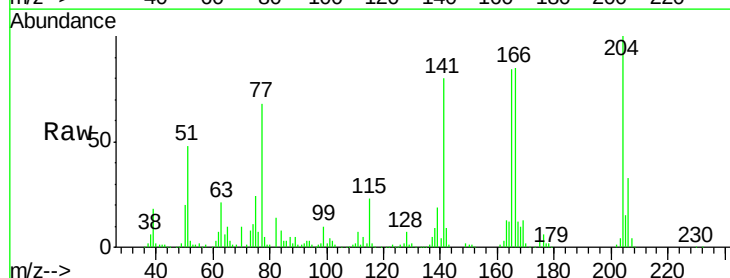
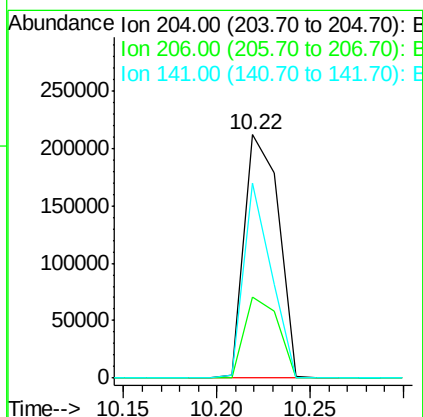
RT: 10.22 min Scan# 729

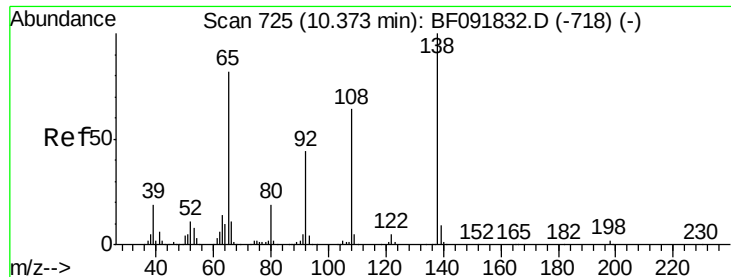
Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	204	Resp:	270115
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.8	38.6
141	79.9	59.4	89.0





#61

4-Nitroaniline

Concen: 45.68 ng

RT: 10.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

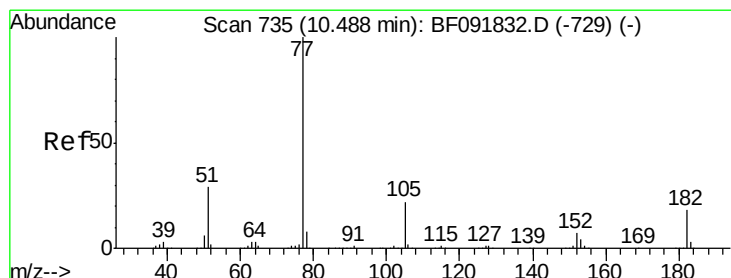
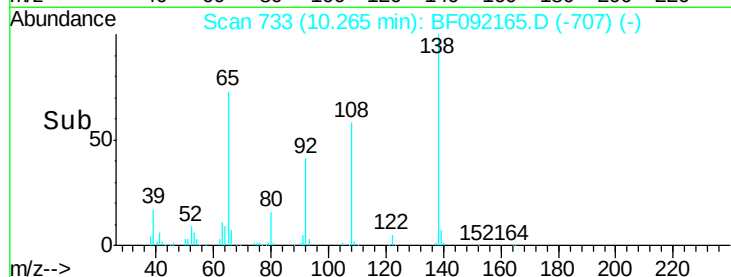
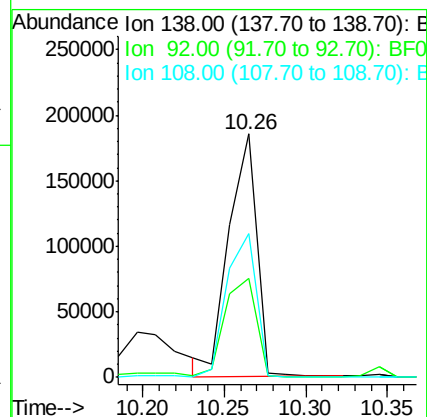
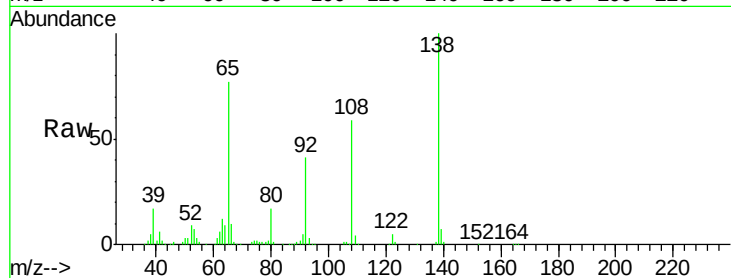
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	138	Resp:	216408
Ion Ratio	Lower	Upper	
138	100		
92	40.7	31.7	71.7
108	59.0	52.6	92.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#62

Azobenzene

Concen: 32.94 ng

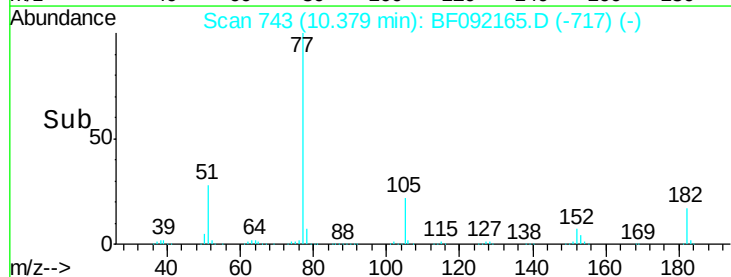
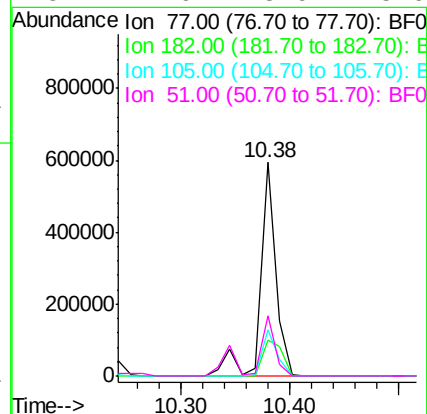
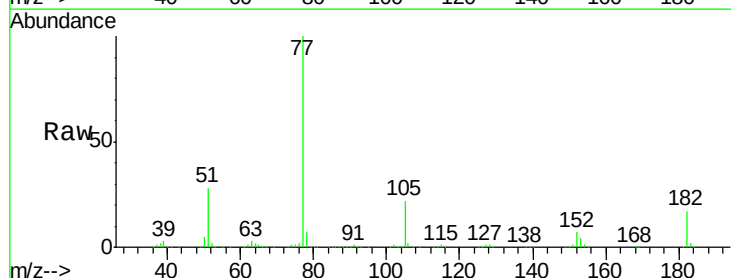
RT: 10.38 min Scan# 743

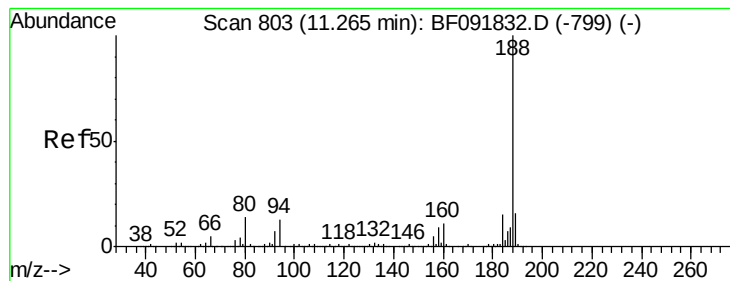
Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	77	Resp:	594354
Ion Ratio	Lower	Upper	
77	100		
182	17.0	0.0	39.3
105	21.9	2.3	42.3
51	27.9	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:188 Resp: 401972

Ion Ratio Lower Upper

188 100

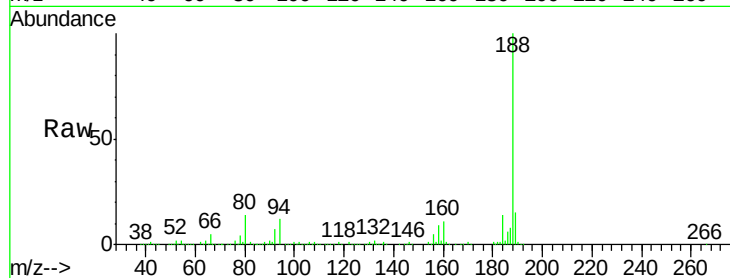
94 12.2 10.0 15.0

80 13.5 11.2 16.8

Manual Integrations
APPROVED

Sohil

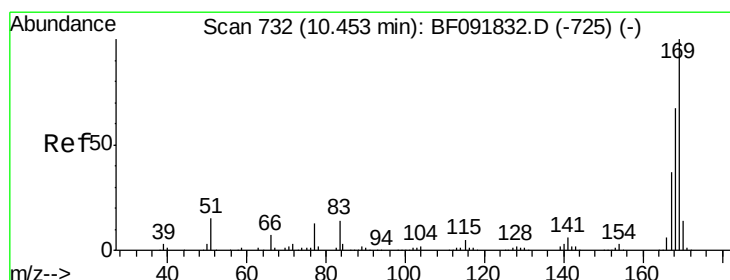
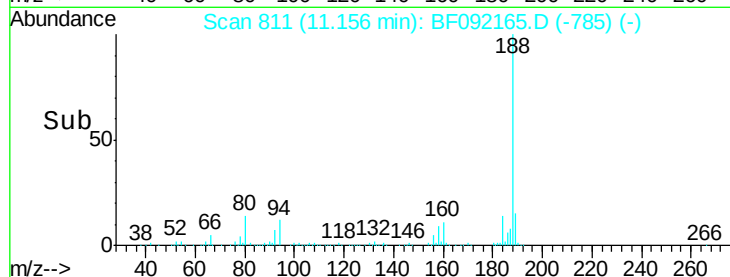
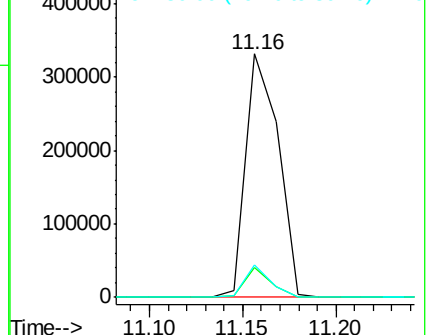
1/10/2017 10:01:55 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 44.02 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

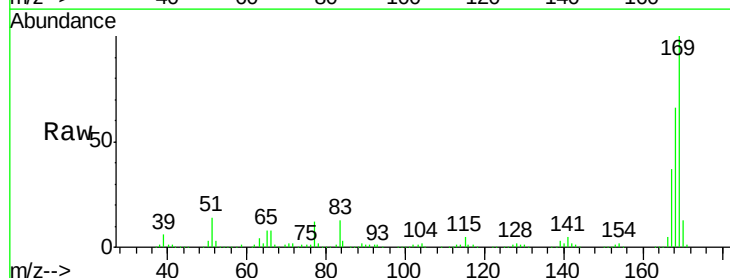
Tgt Ion:169 Resp: 525015

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.2

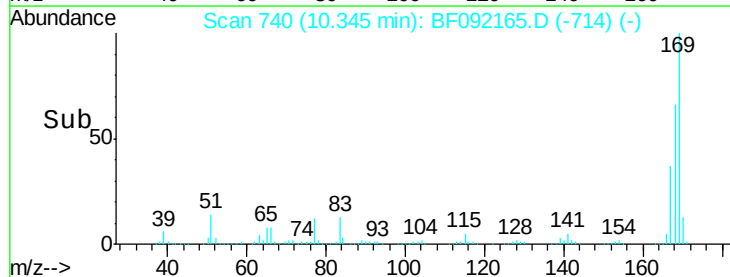
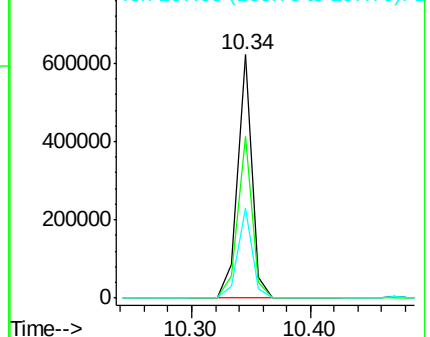
167 36.7 30.2 45.4

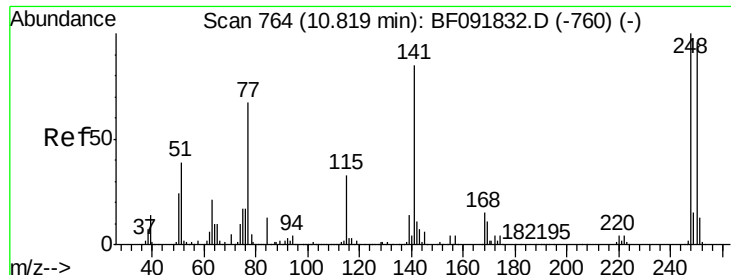


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





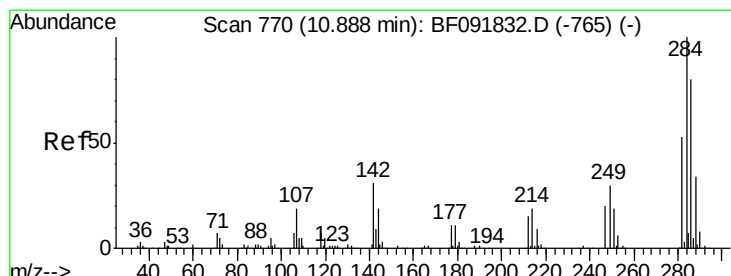
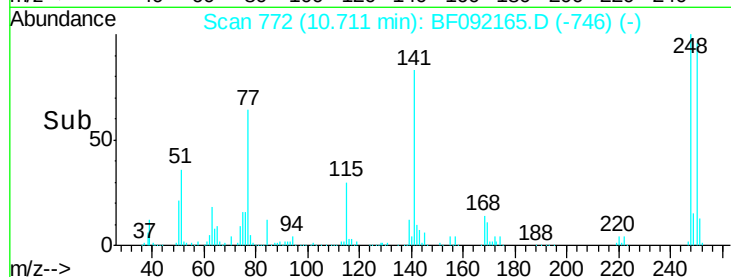
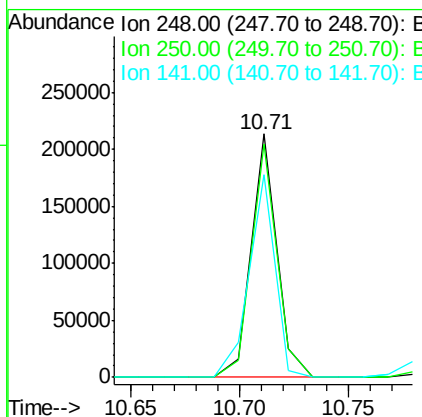
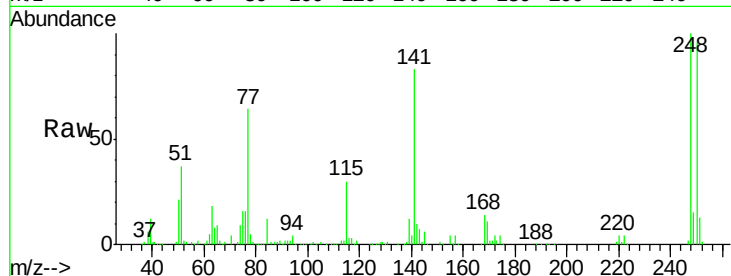
#66
 4-Bromophenyl-phenylether
 Concen: 41.81 ng
 RT: 10.71 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.9	115.3
141	83.3	68.2	102.4

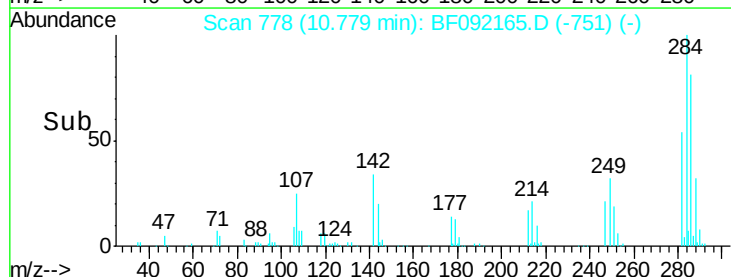
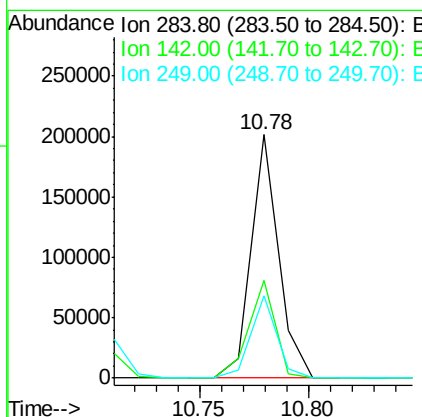
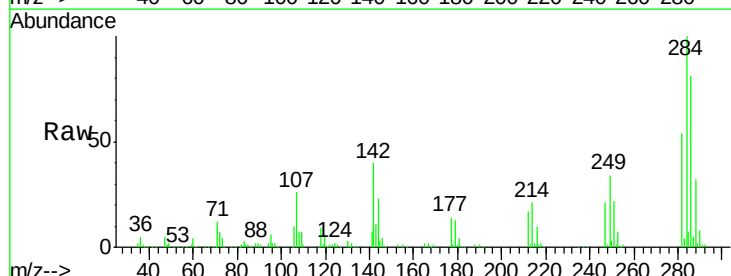
Manual Integrations
 APPROVED

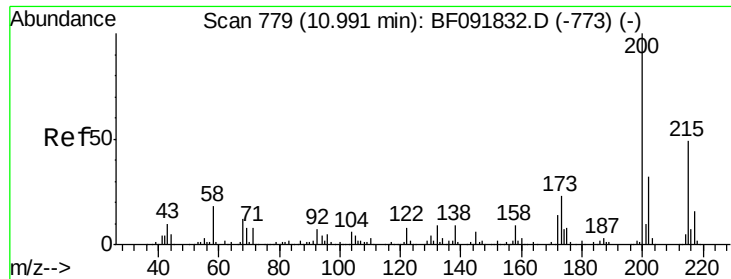
Sohil
 1/10/2017 10:01:55 AM



#67
 Hexachlorobenzene
 Concen: 39.50 ng
 RT: 10.78 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.1	22.6	33.8#
249	33.8	25.4	38.0





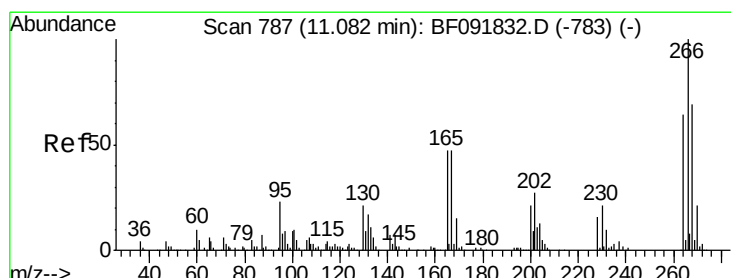
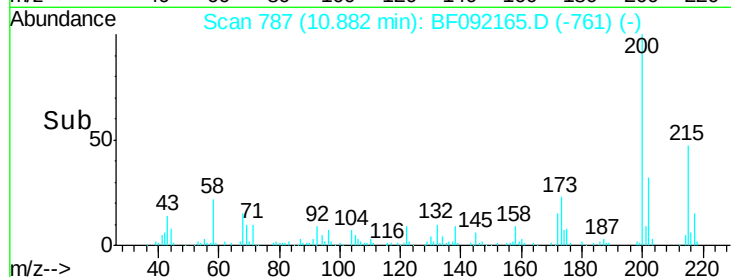
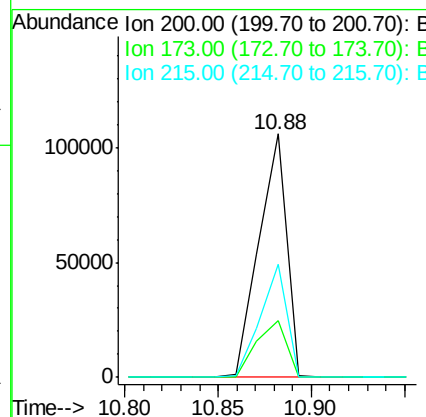
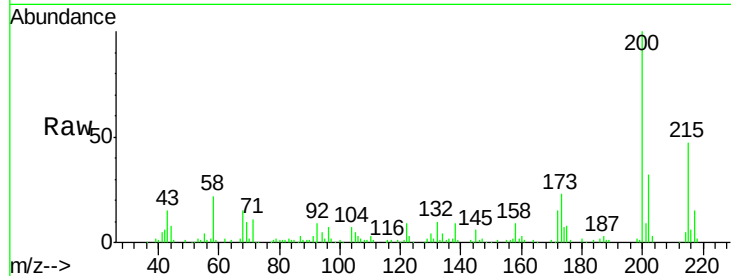
#68
Atrazine
Concen: 28.75 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	9.6	49.6
215	46.5	25.7	65.7

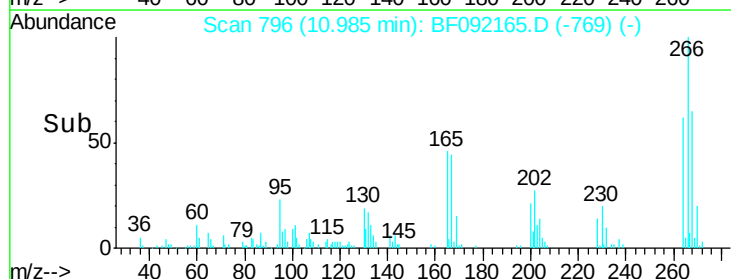
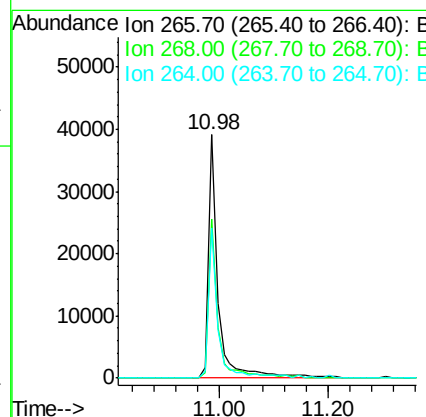
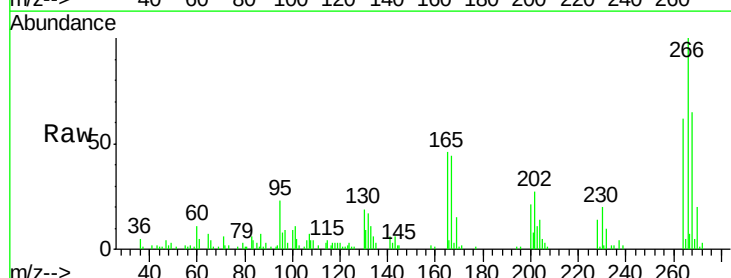
Manual Integrations
APPROVED

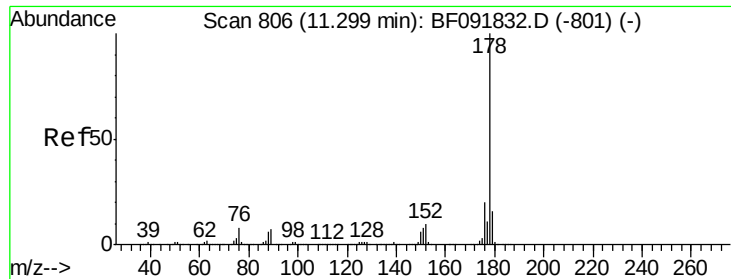
Sohil
1/10/2017 10:01:55 AM



#69
Pentachlorophenol
Concen: 22.00 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	53.3	79.9
264	61.5	50.3	75.5





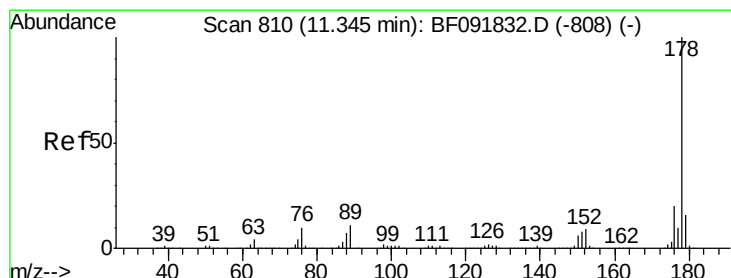
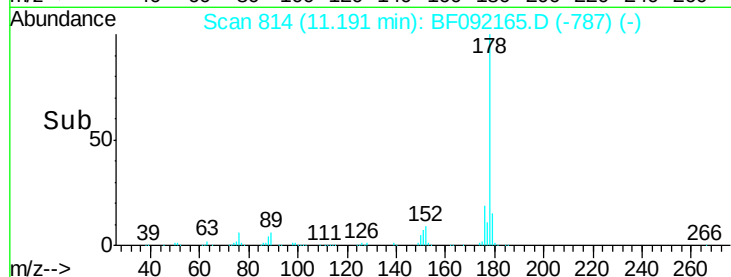
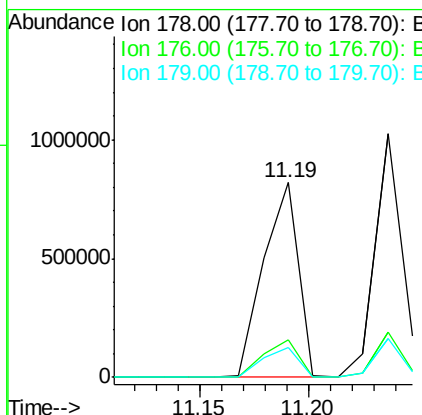
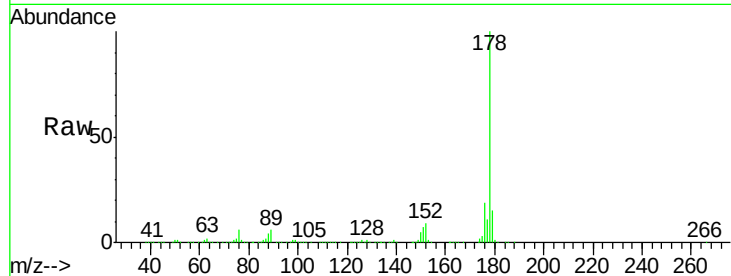
#70
Phenanthrene
Concen: 42.17 ng
RT: 11.19 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.3	12.8	19.2

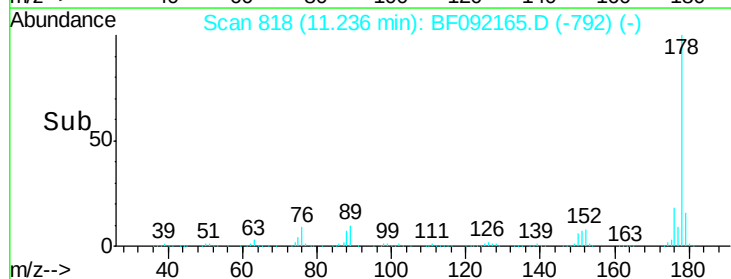
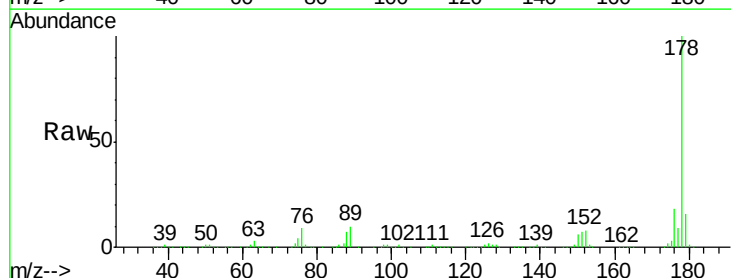
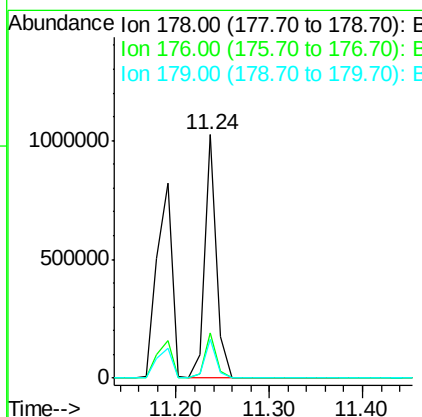
Manual Integrations
APPROVED

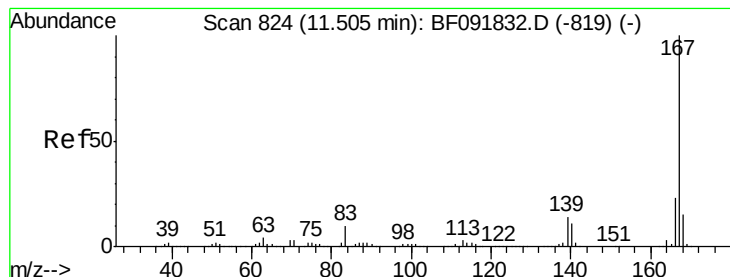
Sohil
1/10/2017 10:01:55 AM



#71
Anthracene
Concen: 46.89 ng
RT: 11.24 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.7	13.2	19.8





#72

Carbazole

Concen: 45.93 ng

RT: 11.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

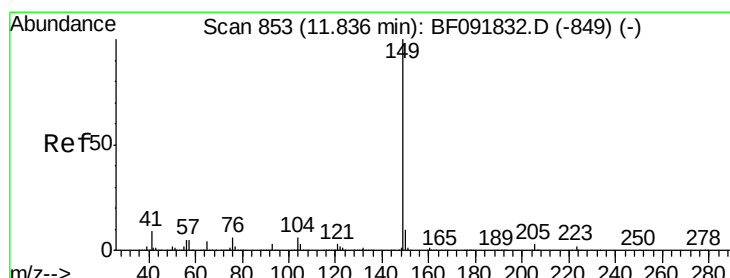
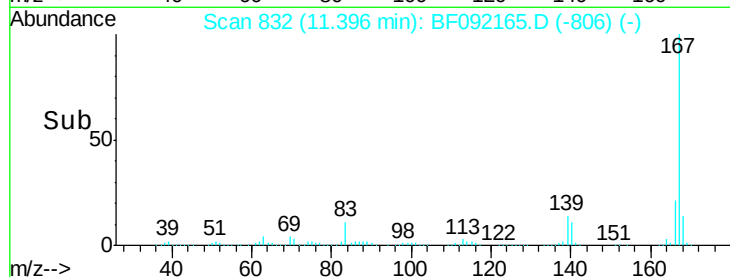
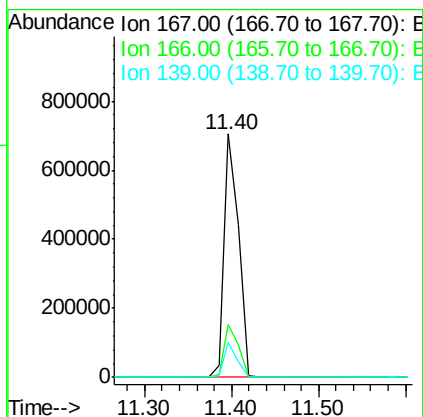
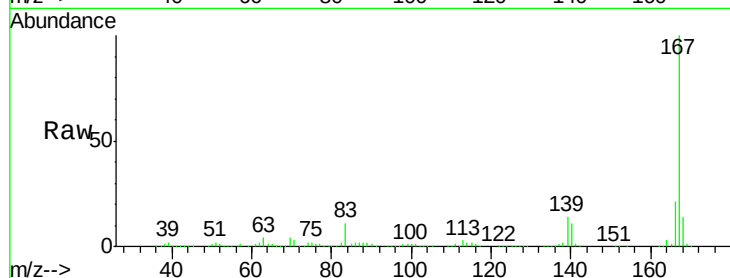
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	167	Resp:	816883
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.2	27.2
139	14.2	11.4	17.2

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#73

Di-n-butylphthalate

Concen: 52.64 ng

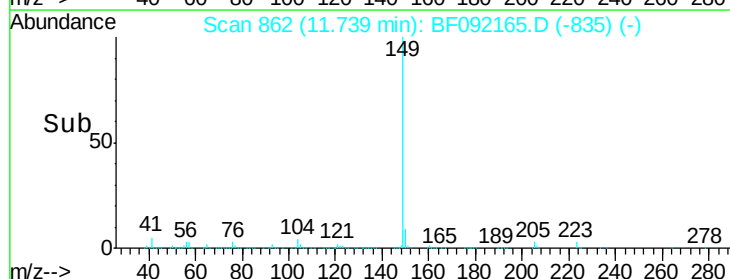
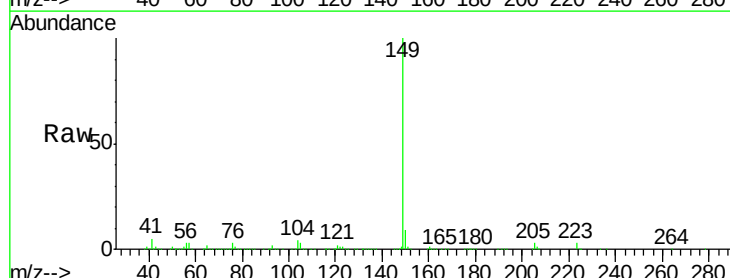
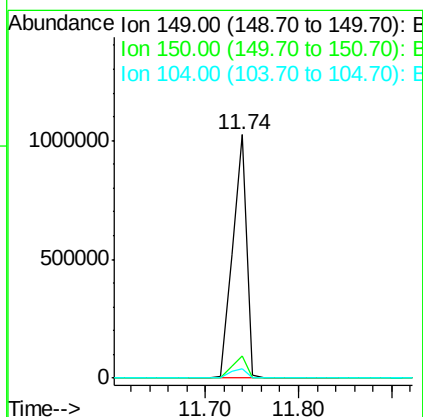
RT: 11.74 min Scan# 862

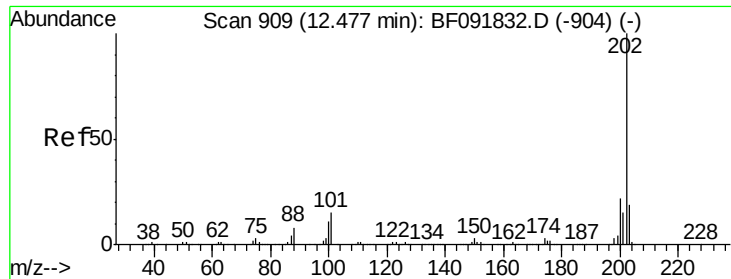
Delta R.T. 0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	149	Resp:	1072840
Ion Ratio	Lower	Upper	
149	100		
150	8.9	8.1	12.1
104	4.1	4.6	7.0#





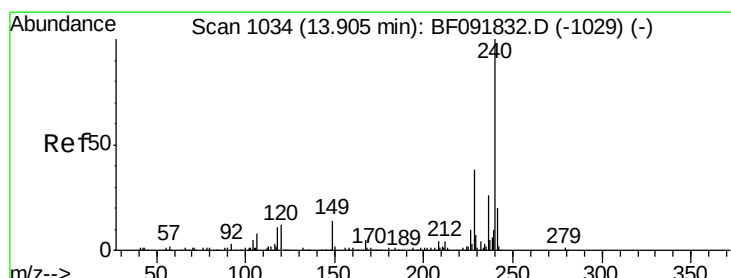
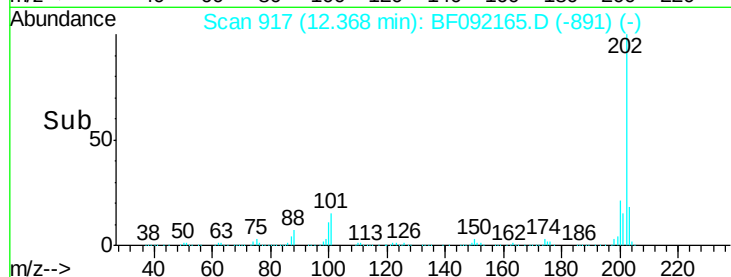
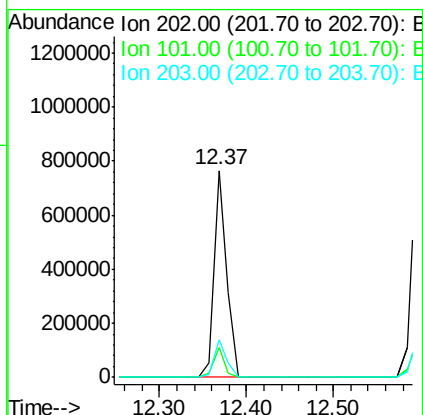
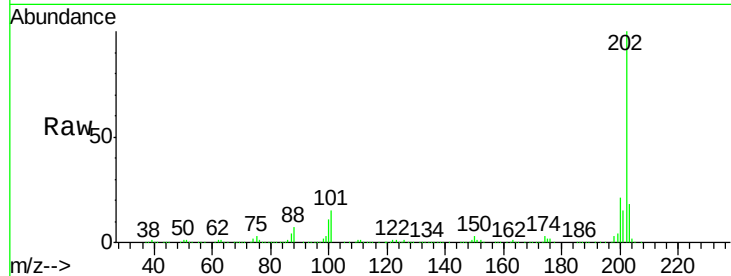
#74
Fluoranthene
Concen: 40.63 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	0.0	34.6
203	18.1	0.0	38.7

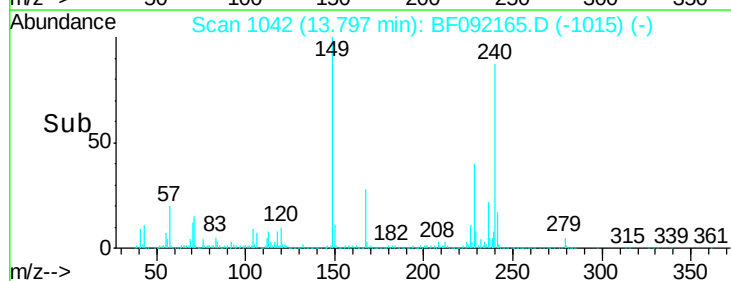
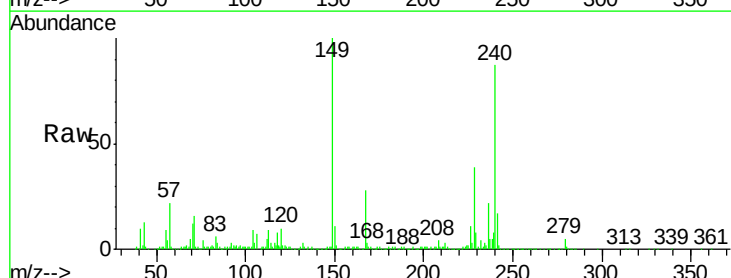
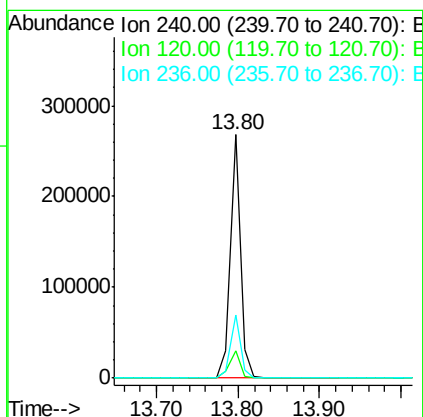
Manual Integrations
APPROVED

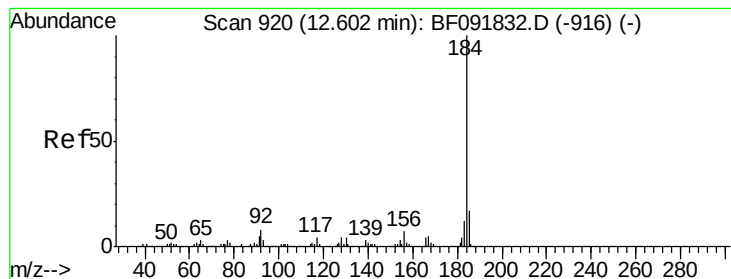
Sohil
1/10/2017 10:01:55 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.3	12.9	19.3#
236	25.7	20.9	31.3





#76

Benzidine

Concen: 104.79 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

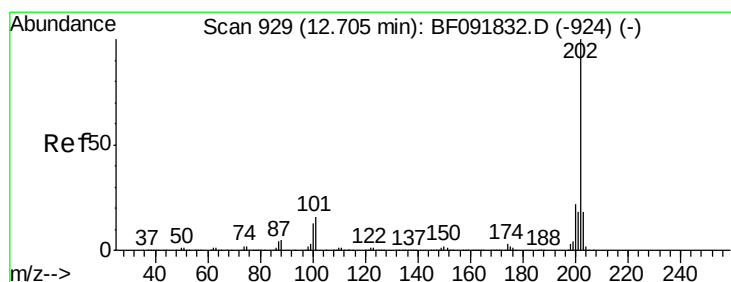
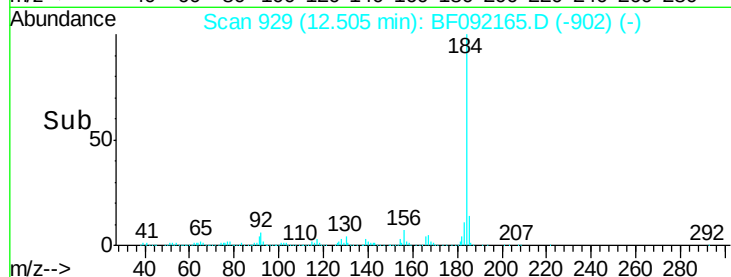
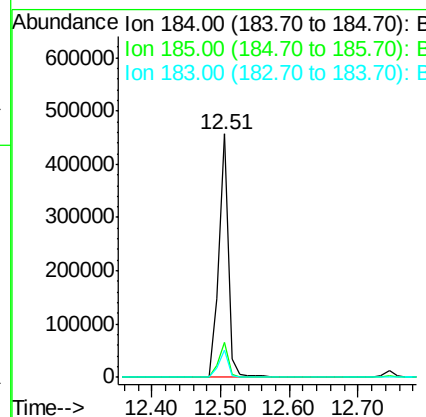
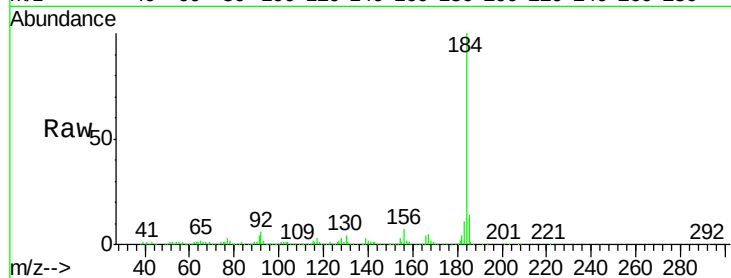
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#77

Pyrene

Concen: 46.69 ng

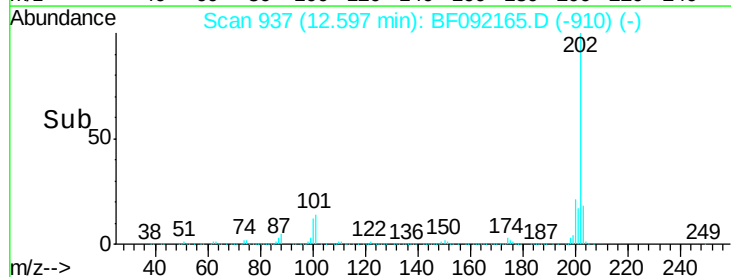
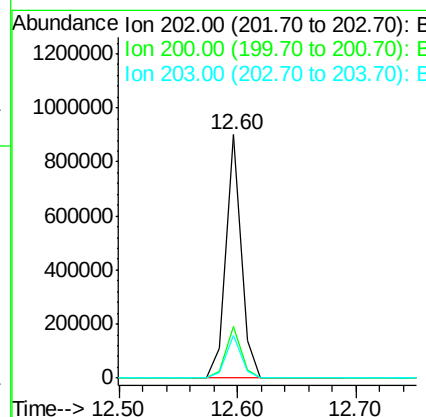
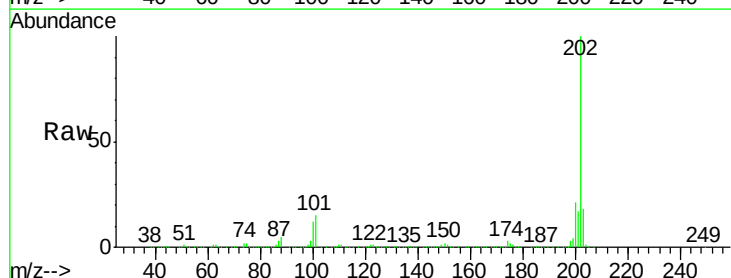
RT: 12.60 min Scan# 937

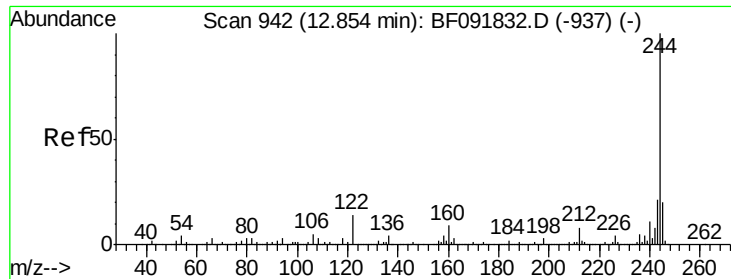
Delta R.T. 0.01 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.6	14.7	22.1





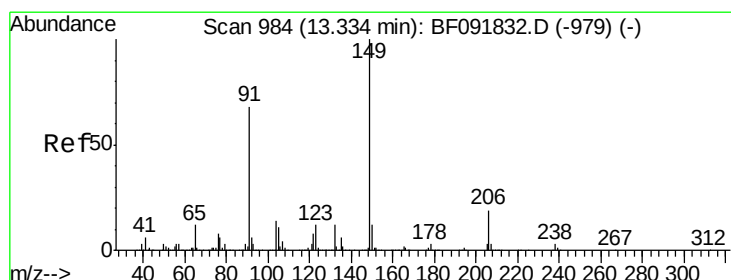
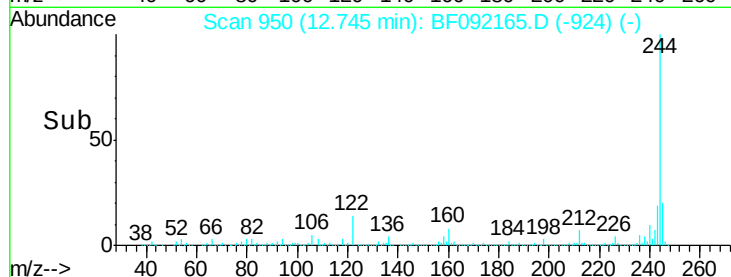
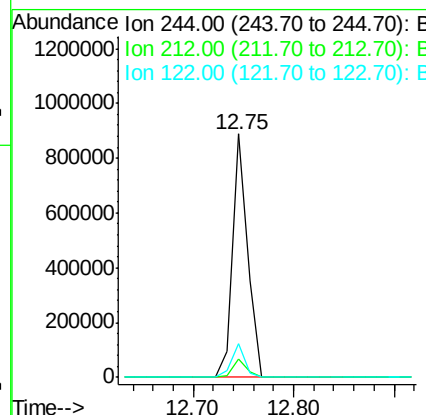
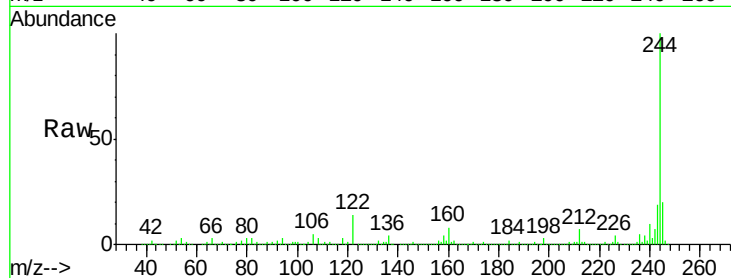
#78
 Terphenyl-d14
 Concen: 96.54 ng
 RT: 12.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.2	9.2
122	13.7	11.4	17.2

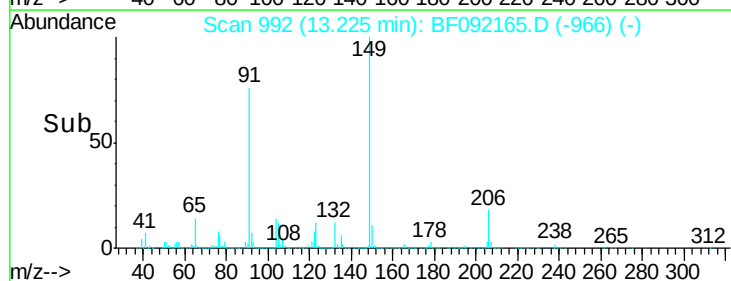
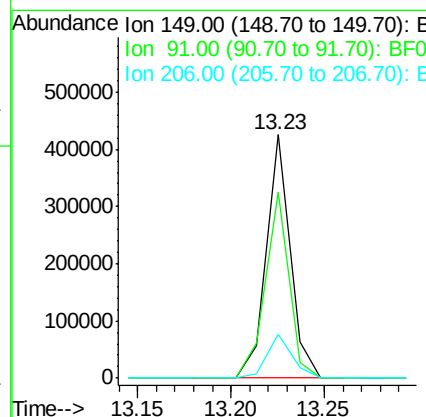
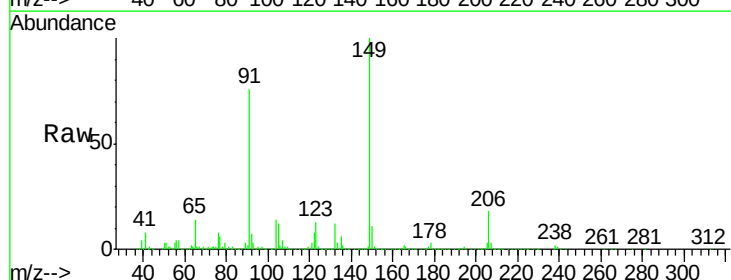
Manual Integrations
 APPROVED

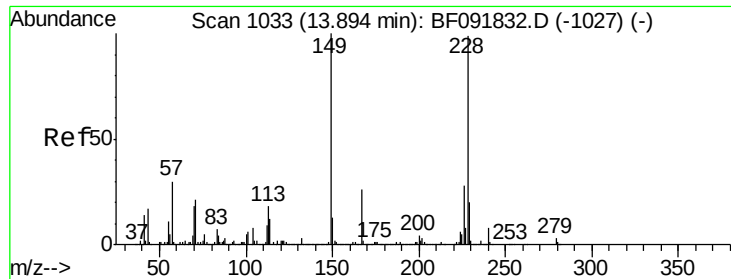
Sohil
 1/10/2017 10:01:55 AM



#79
 Butylbenzylphthalate
 Concen: 48.47 ng
 RT: 13.23 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.3	63.9	95.9
206	18.2	14.6	21.8





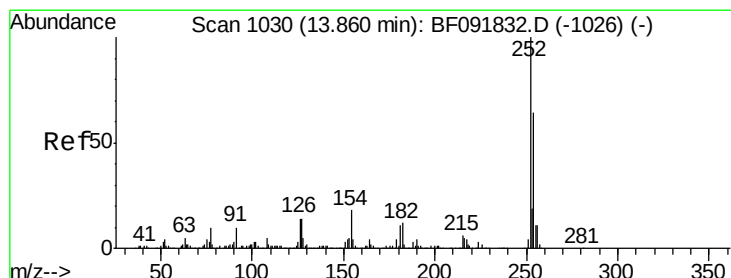
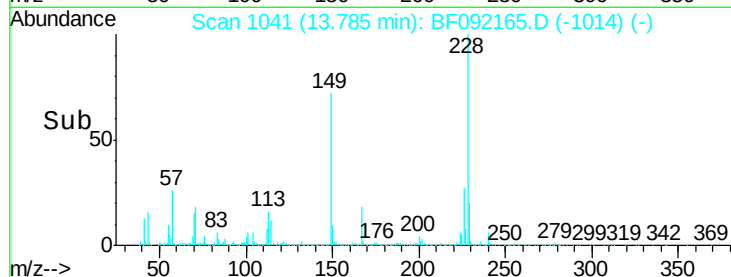
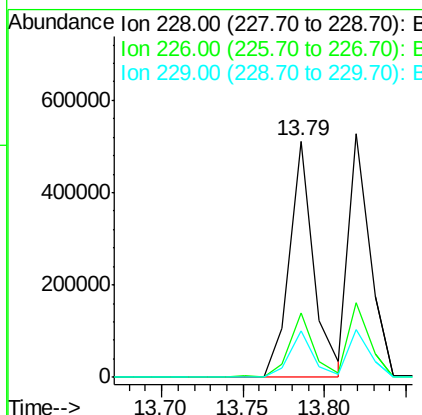
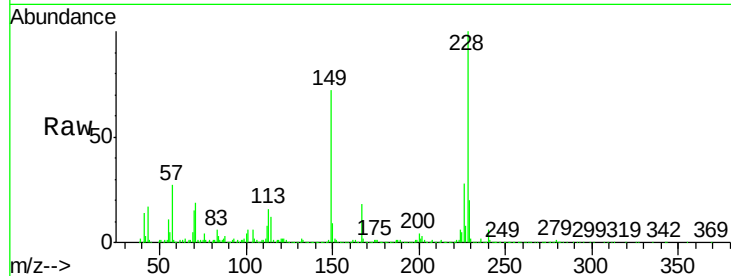
#80
Benzo(a)anthracene
Concen: 40.70 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	19.9	16.2	24.4

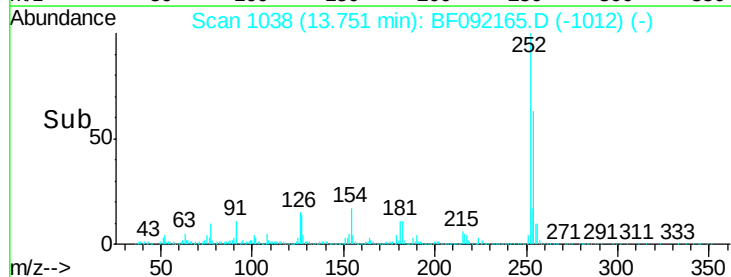
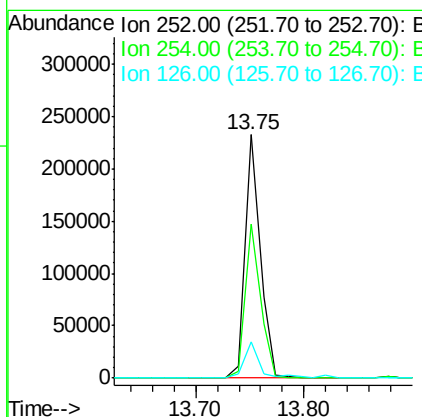
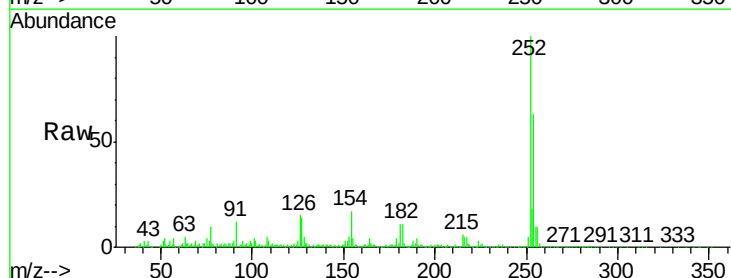
Manual Integrations
APPROVED

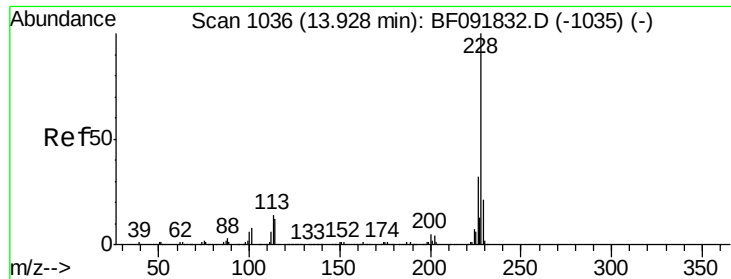
Sohil
1/10/2017 10:01:55 AM



#81
3,3'-Dichlorobenzidine
Concen: 45.40 ng
RT: 13.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.3	78.5
126	14.8	13.6	20.4





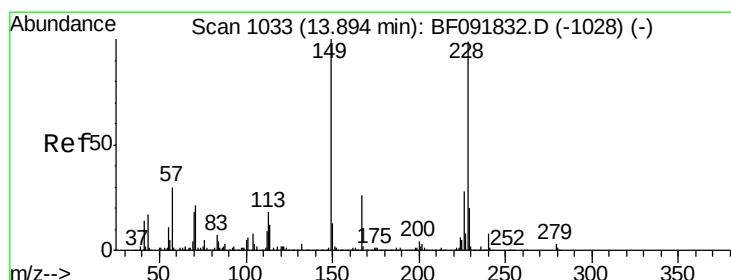
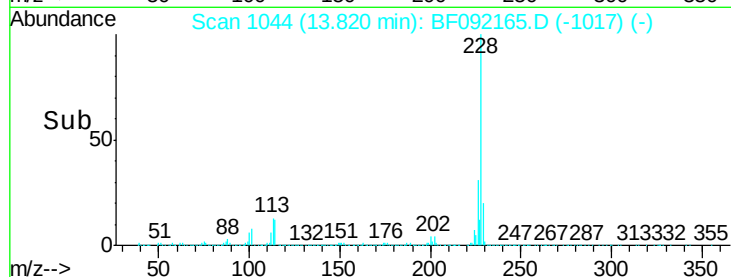
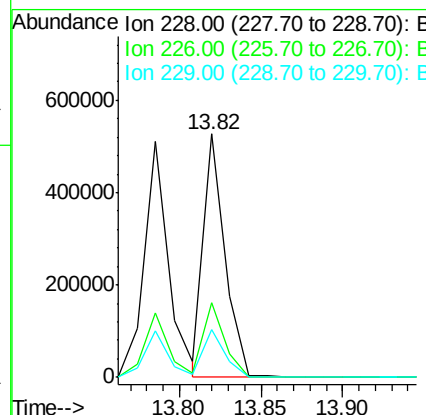
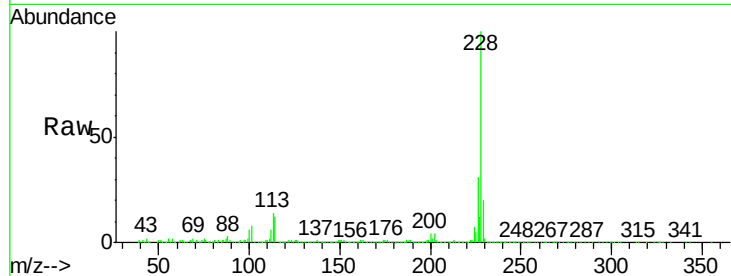
#82
Chrysene
 Concen: 37.07 ng
 RT: 13.82 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	485892		
226	30.9	25.4	38.0	
229	19.8	16.2	24.2	

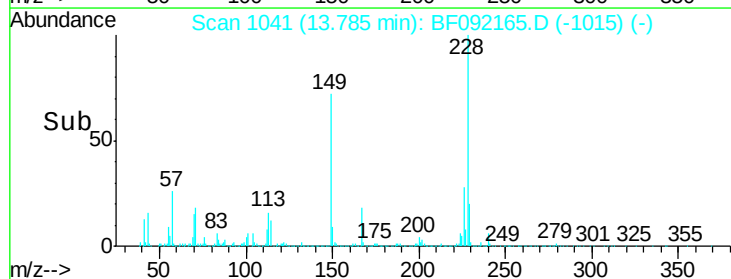
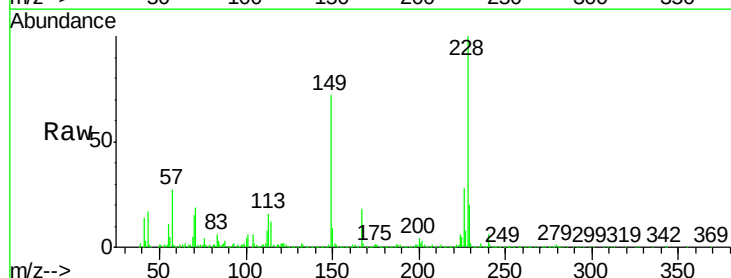
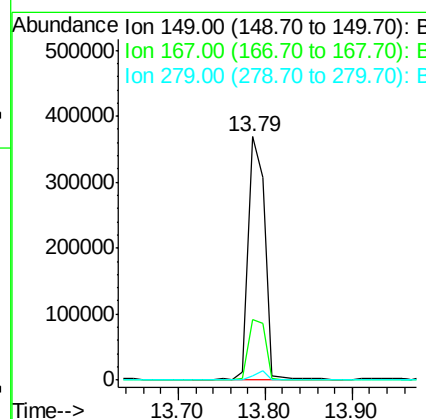
Manual Integrations
 APPROVED

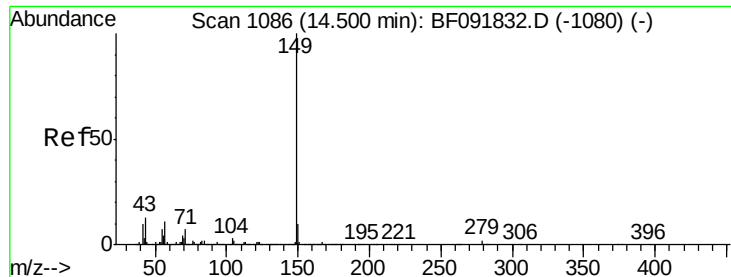
Sohil
 1/10/2017 10:01:55 AM



#83
Bis(2-ethylhexyl)phthalate
 Concen: 52.50 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092165.D
 Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	477695		
167	24.7	20.2	30.4	
279	1.8	1.8	2.8#	





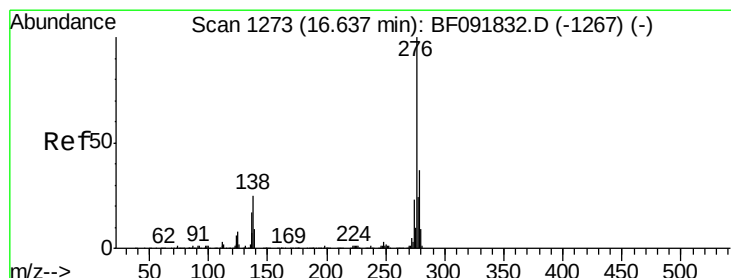
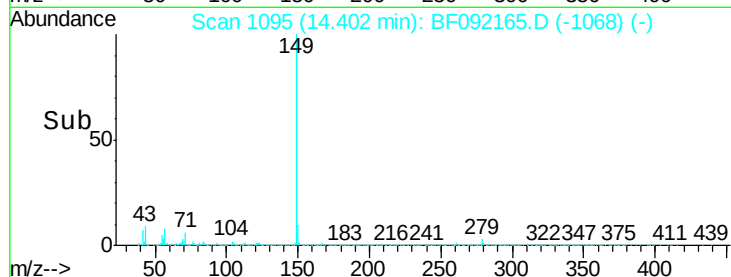
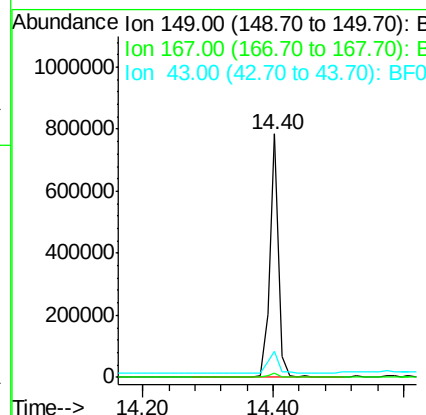
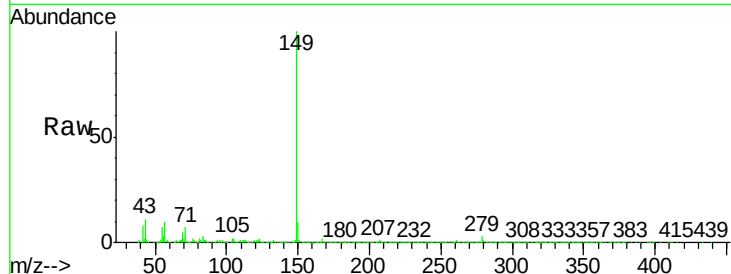
#84
Di-n-octyl phthalate
Concen: 43.41 ng
RT: 14.40 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.3	1.9
43	11.3	8.9	13.3

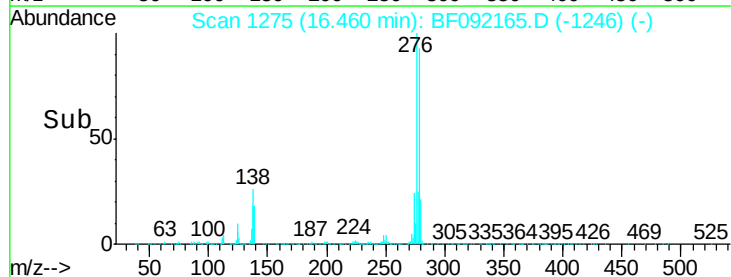
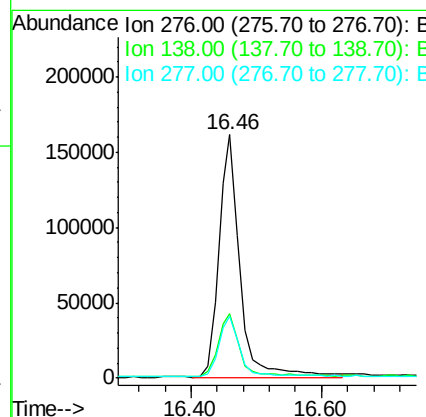
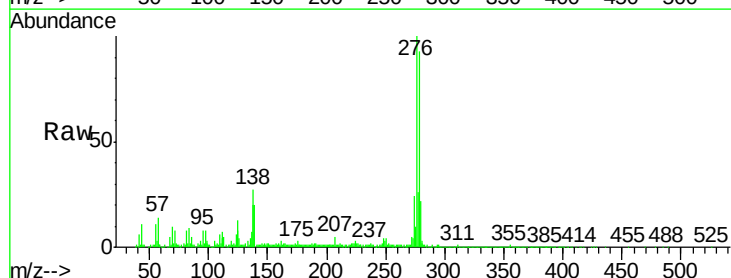
Manual Integrations
APPROVED

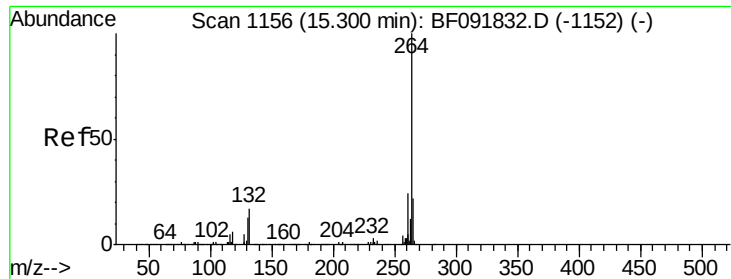
Sohil
1/10/2017 10:01:55 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 32.05 ng
RT: 16.46 min Scan# 1275
Delta R.T. 0.03 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.1	21.8	32.6
277	25.6	20.2	30.4





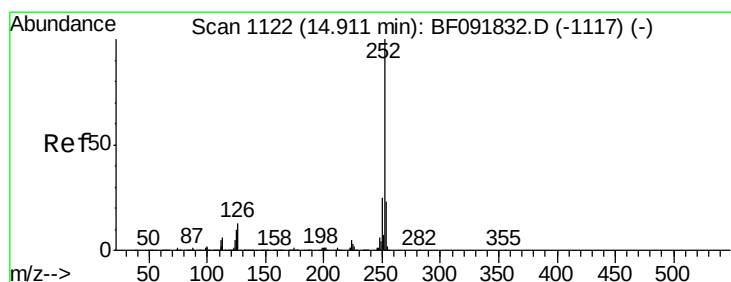
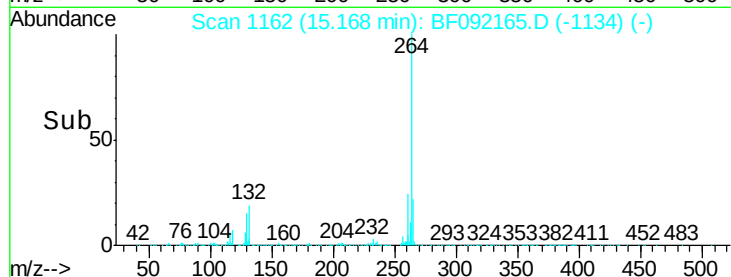
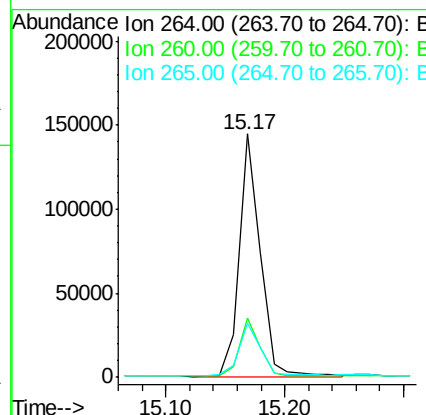
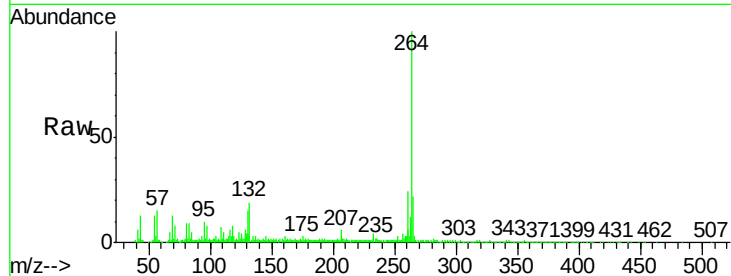
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.4	26.0

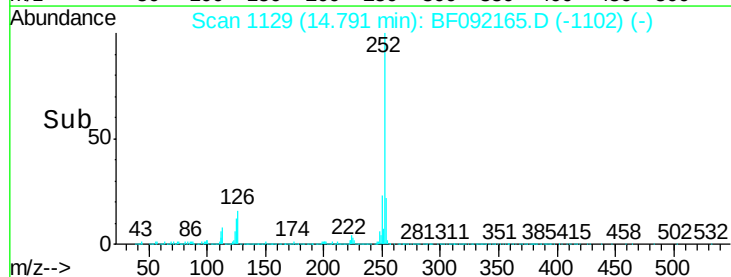
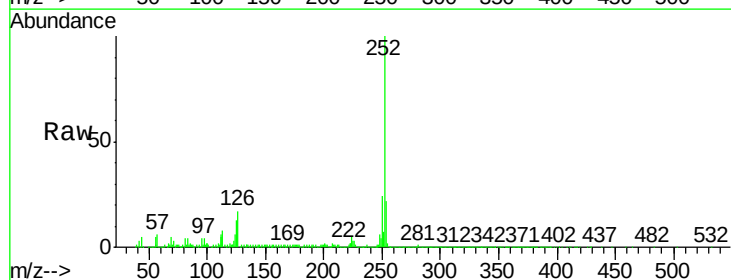
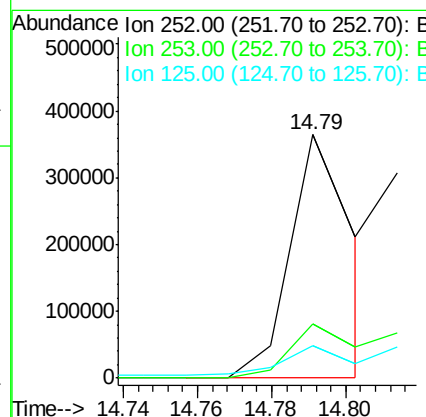
Manual Integrations
APPROVED

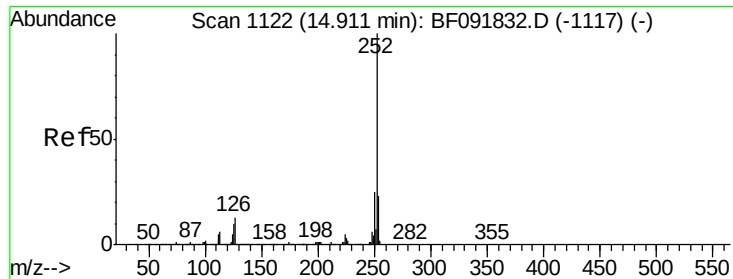
Sohil
1/10/2017 10:01:55 AM



#87
Benzo(b)fluoranthene
Concen: 39.03 ng m
RT: 14.79 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	13.2	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 47.78 ng m

RT: 14.83 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Instrument :

BNA_F

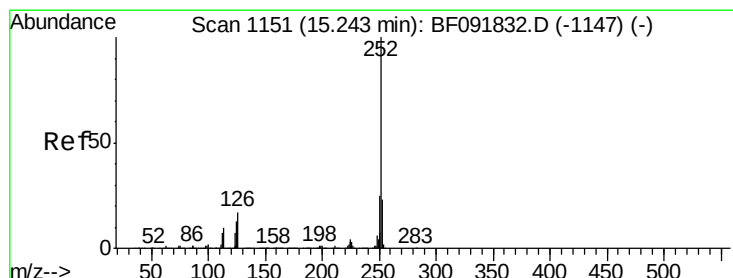
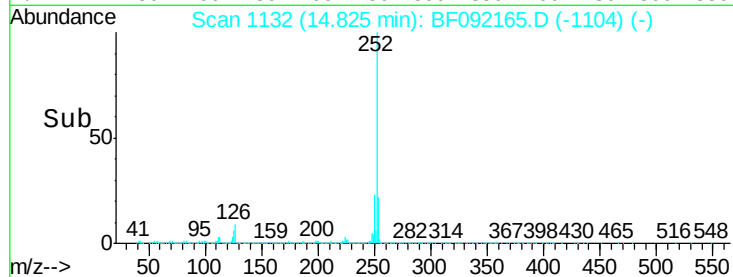
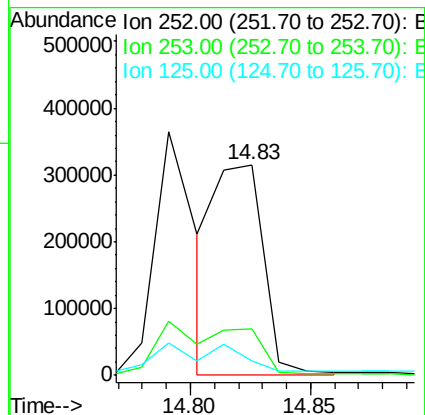
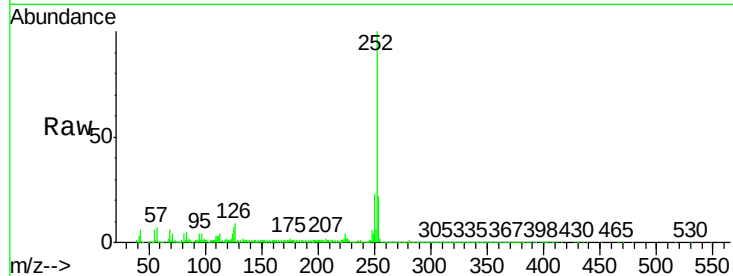
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	448802
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.5	27.7
125	7.2	8.9	13.3#

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM



#89

Benzo(a)pyrene

Concen: 43.35 ng

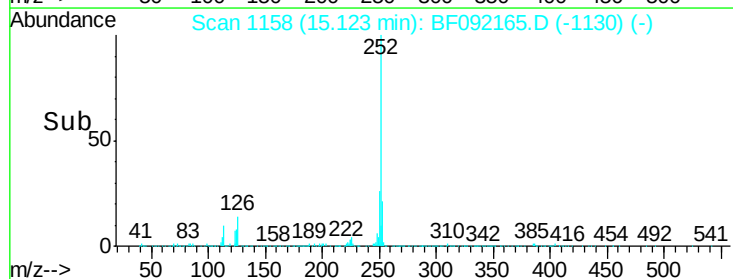
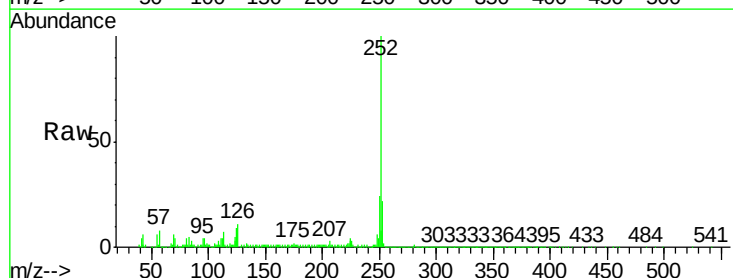
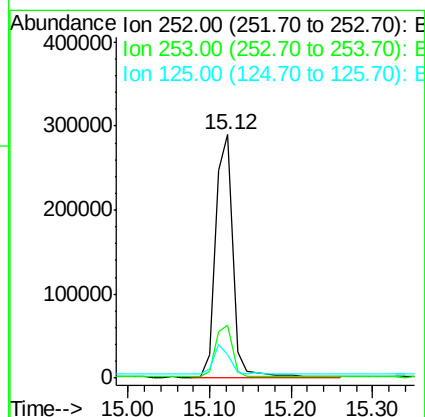
RT: 15.12 min Scan# 1158

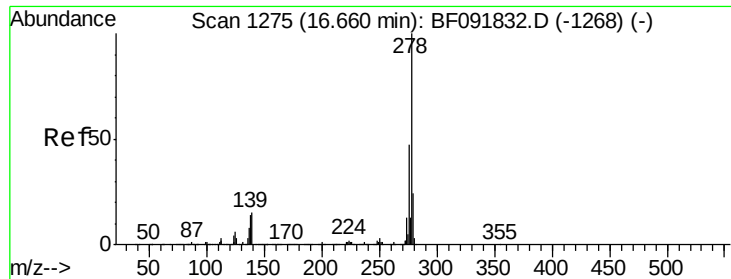
Delta R.T. 0.02 min

Lab File: BF092165.D

Acq: 10 Jan 2017 3:44

Tgt Ion:	252	Resp:	423813
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	9.4	10.0	15.0#





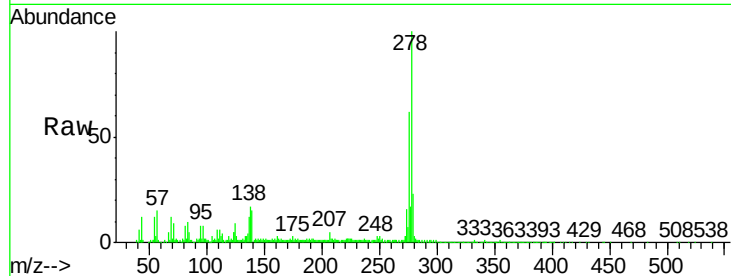
#90
Dibenzo(a,h)anthracene
Concen: 41.70 ng
RT: 16.47 min Scan# 1276
Delta R.T. 0.03 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

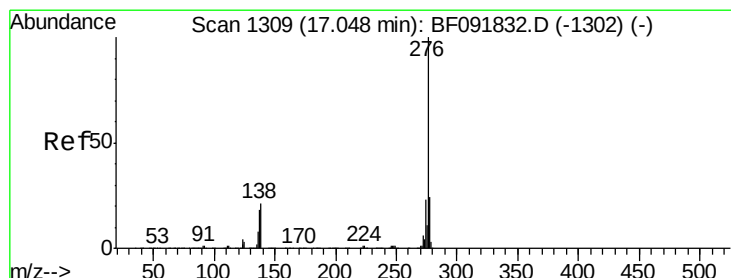
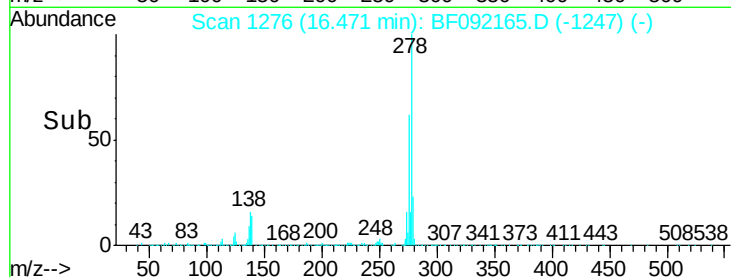
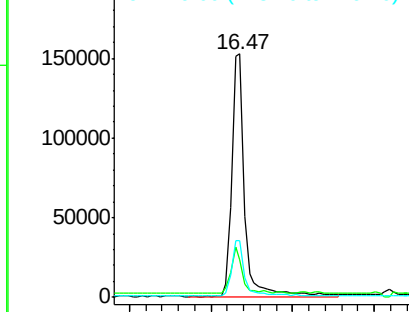
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.8	22.2
279	23.4	19.8	29.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:55 AM

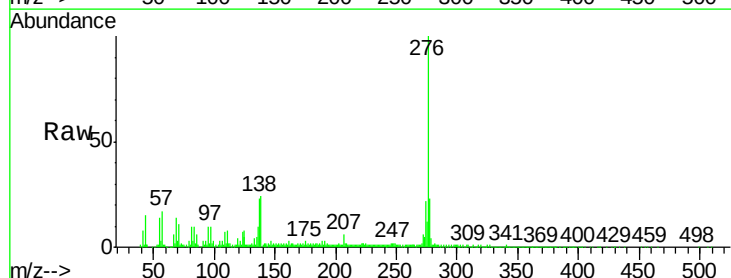


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 34.04 ng
RT: 16.84 min Scan# 1308
Delta R.T. 0.03 min
Lab File: BF092165.D
Acq: 10 Jan 2017 3:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	24.1	16.0	24.0



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

