

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092141.D
 Acq On : 9 Jan 2017 17:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:14 AM

Quant Time: Jan 09 22:40:52 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	6.63	152	222358	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	802806	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	396953	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	669044	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	513346	20.00	ng	0.00
86) Perylene-d12	15.15	264	493345	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1129330	84.80	ng	0.00
7) Phenol-d6	6.31	99	1237057	76.09	ng	0.00
23) Nitrobenzene-d5	7.21	82	1191177	82.51	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	281356	85.65	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1946124	103.22	ng	0.00
78) Terphenyl-d14	12.73	244	1678473	79.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	308264	47.02	ng	99
3) Pyridine	2.74	79	788249	34.45	ng	96
4) n-Nitrosodimethylamine	2.70	42	322557	37.37	ng	# 98
6) Aniline	6.30	93	765064	36.23	ng	# 47
8) 2-Chlorophenol	6.42	128	587502	38.78	ng	97
9) Benzaldehyde	6.17	77	327086	33.19	ng	97
10) Phenol	6.32	94	757685	40.90	ng	# 68
11) bis(2-Chloroethyl)ether	6.38	93	573138	38.88	ng	96
12) 1,3-Dichlorobenzene	6.57	146	680614	42.09	ng	97
13) 1,4-Dichlorobenzene	6.65	146	693981	42.16	ng	94
14) 1,2-Dichlorobenzene	6.80	146	596245	41.75	ng	97
15) Benzyl Alcohol	6.79	79	510647	40.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	968122	44.10	ng	60
17) 2-Methylphenol	6.93	107	530537	43.55	ng	# 93
18) Hexachloroethane	7.14	117	217736	35.68	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	411378	38.03	ng	97
20) 3+4-Methylphenols	7.08	107	626482	43.11	ng	# 69
22) Acetophenone	7.05	105	875118	44.19	ng	# 93
24) Nitrobenzene	7.22	77	559136	36.36	ng	98
25) Isophorone	7.46	82	1034673	38.84	ng	94
26) 2-Nitrophenol	7.54	139	320980	42.33	ng	92
27) 2,4-Dimethylphenol	7.60	122	455385	36.21	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	575470	35.63	ng	98
29) 2,4-Dichlorophenol	7.80	162	427957	40.18	ng	88
30) 1,2,4-Trichlorobenzene	7.86	180	447047	38.31	ng	# 95
31) Naphthalene	7.94	128	1559228	42.44	ng	100
32) Benzoic acid	7.76	122	384587	41.23	ng	99
33) 4-Chloroaniline	8.00	127	608958	36.76	ng	98
34) Hexachlorobutadiene	8.07	225	259814	42.17	ng	98
35) Caprolactam	8.39	113	135790	38.80	ng	# 68
36) 4-Chloro-3-methylphenol	8.50	107	464694	37.92	ng	96
37) 2-Methylnaphthalene	8.63	142	956800	41.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	403202	40.20	ng	98
40) Hexachlorocyclopentadiene	8.79	237	162337	38.52	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092141.D
 Acq On : 9 Jan 2017 17:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:14 AM

Quant Time: Jan 09 22:40:52 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)
42) 2,4,6-Trichlorophenol	8.93	196	297340	42.39	ng	97
43) 2,4,5-Trichlorophenol	8.97	196	297616	41.23	ng	97
45) 1,1'-Biphenyl	9.10	154	1115241	41.03	ng	97
46) 2-Chloronaphthalene	9.12	162	871394	40.48	ng	95
47) 2-Nitroaniline	9.22	65	311876	40.70	ng	99
48) Acenaphthylene	9.53	152	1331248	40.22	ng	99
49) Dimethylphthalate	9.42	163	1116977	44.00	ng	99
50) 2,6-Dinitrotoluene	9.48	165	263621	47.44	ng	99
51) Acenaphthene	9.70	154	838990	37.38	ng	99
52) 3-Nitroaniline	9.65	138	331385	48.19	ng	# 73
53) 2,4-Dinitrophenol	9.75	184	182325	58.97	ng	# 61
54) Dibenzofuran	9.88	168	1096939	36.19	ng	99
55) 4-Nitrophenol	9.84	139	198414m	42.49	ng	
56) 2,4-Dinitrotoluene	9.88	165	284329	40.77	ng	# 79
57) Fluorene	10.22	166	921433	41.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	231074	40.48	ng	99
59) Diethylphthalate	10.10	149	1021502	41.43	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	437205	45.28	ng	# 83
61) 4-Nitroaniline	10.25	138	289206	40.58	ng	97
62) Azobenzene	10.38	77	1178927	43.43	ng	87
64) 4,6-Dinitro-2-methylphenol	10.29	198	195042	48.21	ng	76
65) n-Nitrosodiphenylamine	10.33	169	832778	41.95	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	264192	37.96	ng	94
67) Hexachlorobenzene	10.77	284	312730	42.04	ng	99
68) Atrazine	10.87	200	218861	34.18	ng	97
69) Pentachlorophenol	10.97	266	154767	42.40	ng	98
70) Phenanthrene	11.18	178	1523280	41.99	ng	98
71) Anthracene	11.22	178	1372432	41.57	ng	99
72) Carbazole	11.38	167	1311561	43.08	ng	99
73) Di-n-butylphthalate	11.73	149	1649544	48.29	ng	98
74) Fluoranthene	12.36	202	1425295	44.76	ng	98
76) Benzidine	12.48	184	588079	45.01	ng	97
77) Pyrene	12.59	202	1569431	41.67	ng	100
79) Butylbenzylphthalate	13.21	149	666866	38.93	ng	99
80) Benzo(a)anthracene	13.77	228	1239372	42.77	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	462783	42.12	ng	97
82) Chrysene	13.81	228	1173356	40.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	849693	42.12	ng	# 95
84) Di-n-octyl phthalate	14.39	149	1591651	42.59	ng	100
85) Indeno(1,2,3-cd)pyrene	16.43	276	1084403	43.07	ng	99
87) Benzo(b)fluoranthene	14.78	252	1349496m	43.94	ng	
88) Benzo(k)fluoranthene	14.80	252	922304m	35.21	ng	
89) Benzo(a)pyrene	15.10	252	1138679	41.77	ng	# 97
90) Dibenzo(a,h)anthracene	16.44	278	904675	40.37	ng	97
91) Benzo(g,h,i)perylene	16.80	276	913450	39.20	ng	97

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

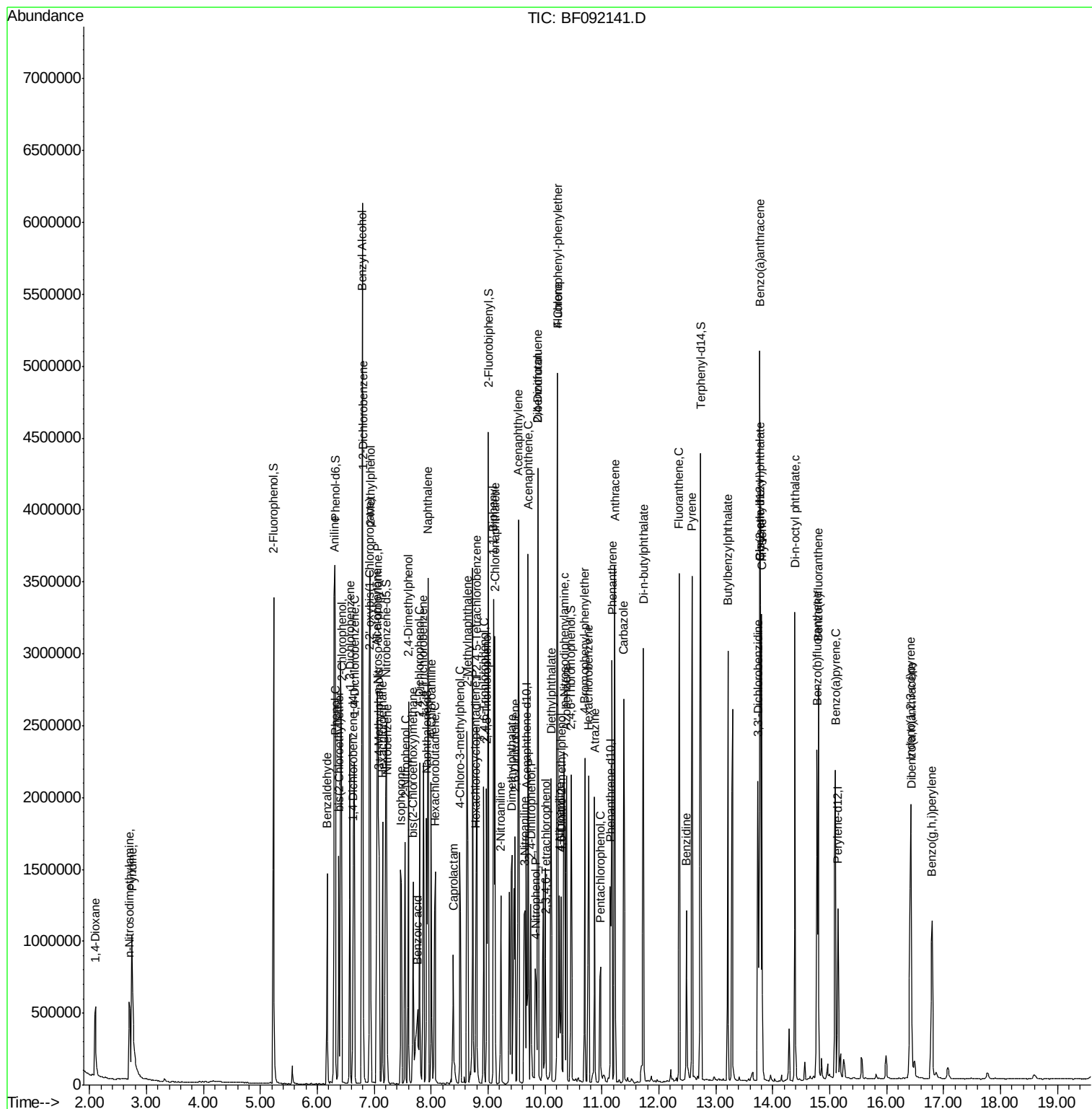
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092141.D
Acq On    : 9 Jan 2017 17:00
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
```

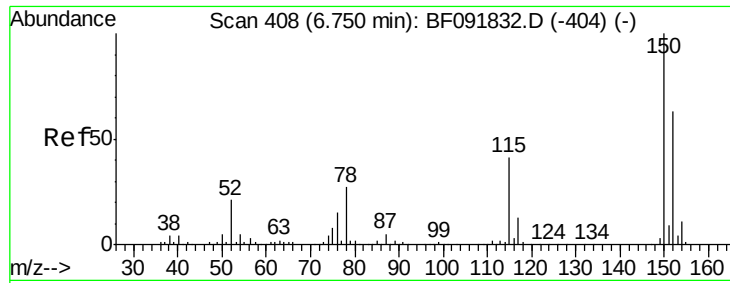
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil
1/10/2017 10:01:14 AM

Quant Time: Jan 09 22:40:52 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: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

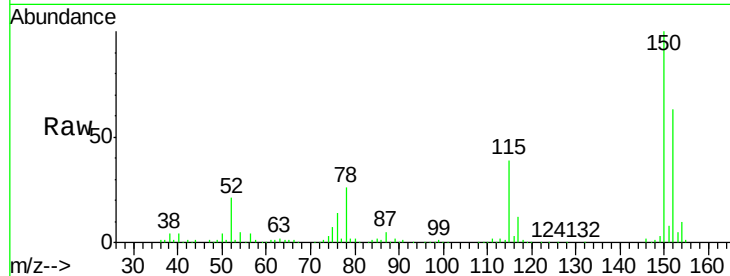
ClientSampleId :

SSTDCCC040

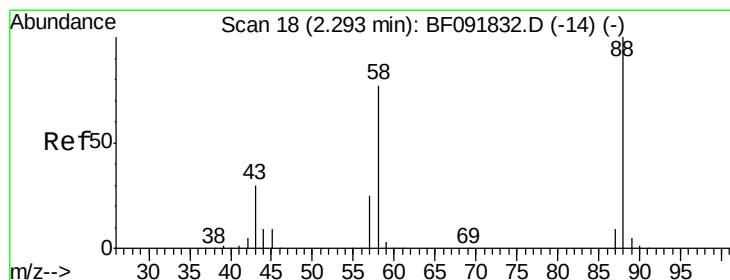
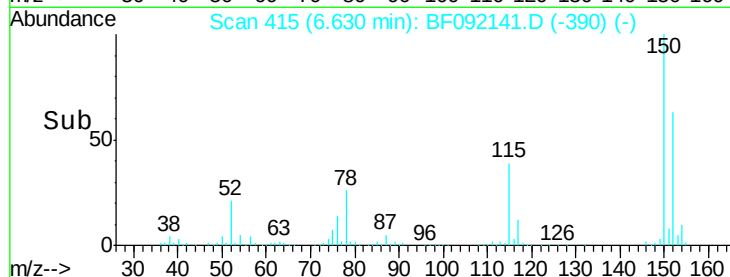
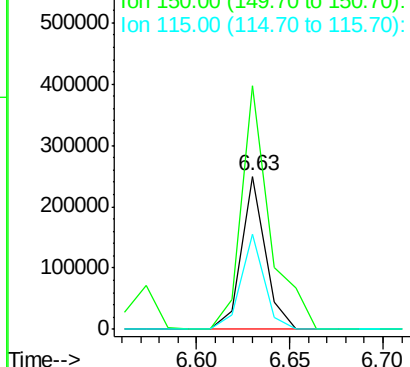
Tgt Ion:	152	Resp:	222358
Ion Ratio	Lower	Upper	
152	100		
150	159.1	124.9	187.3
115	62.2	46.0	69.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



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



#2

1,4-Dioxane

Concen: 47.02 ng

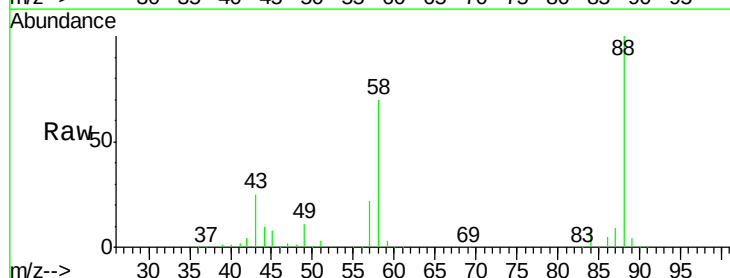
RT: 2.10 min Scan# 19

Delta R.T. 0.02 min

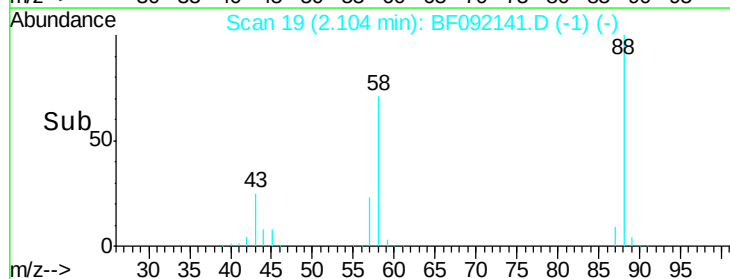
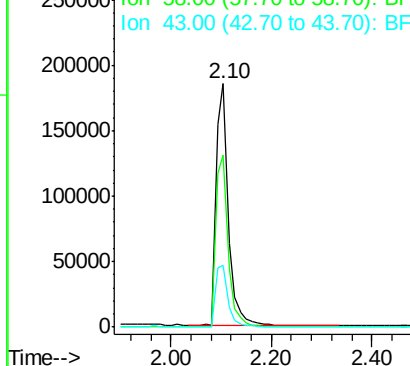
Lab File: BF092141.D

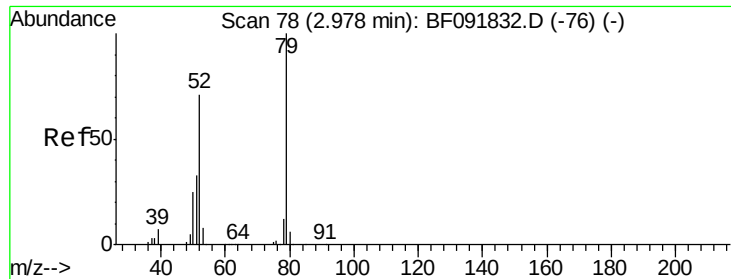
Acq: 9 Jan 2017 17:00

Tgt Ion:	88	Resp:	308264
Ion Ratio	Lower	Upper	
88	100		
58	71.6	57.8	86.8
43	27.2	22.3	33.5



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





#3

Pyridine

Concen: 34.45 ng

RT: 2.74 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

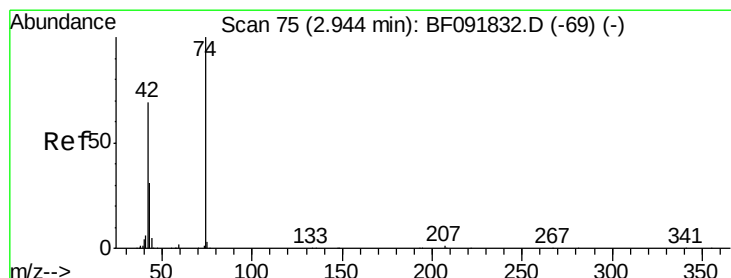
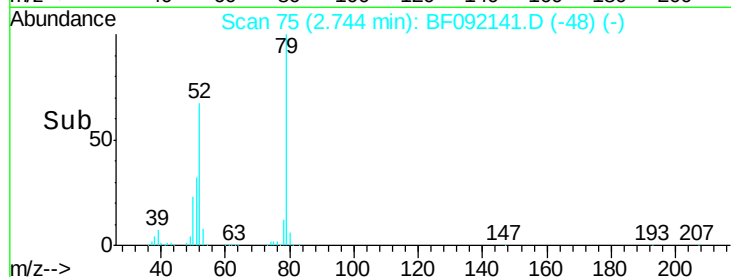
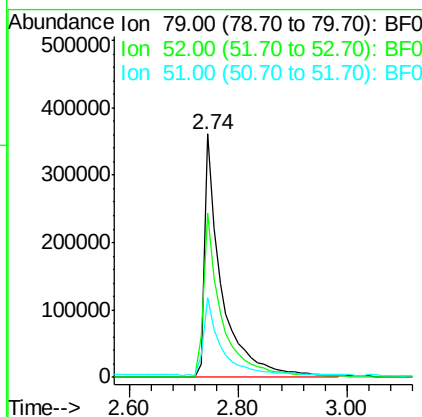
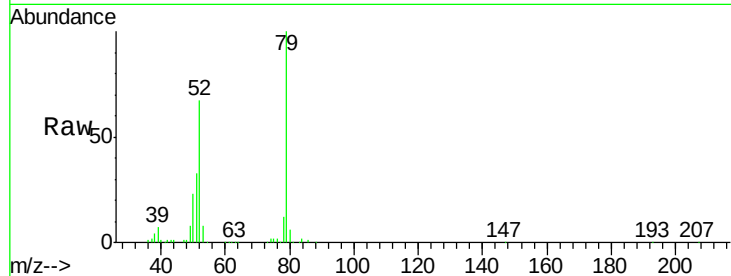
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	788249
Ion	Ratio	Lower	Upper
79	100		
52	67.3	57.1	85.7
51	32.8	27.3	40.9

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#4

n-Nitrosodimethylamine

Concen: 37.37 ng

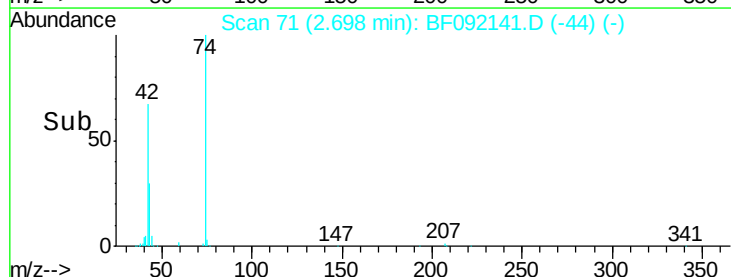
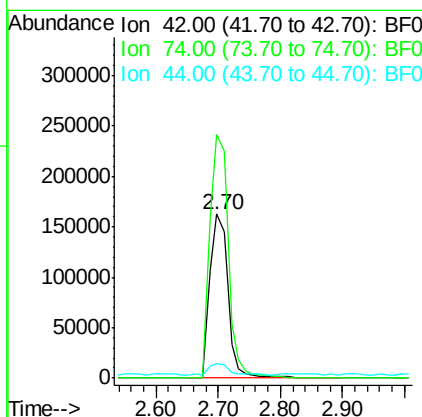
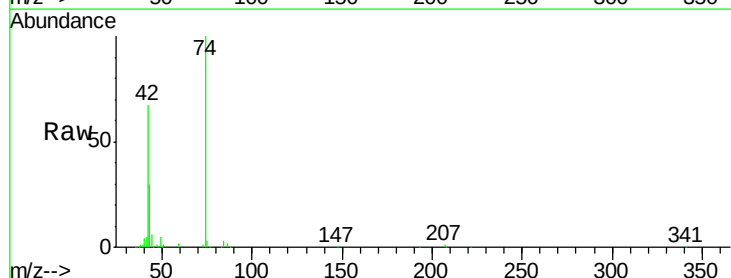
RT: 2.70 min Scan# 71

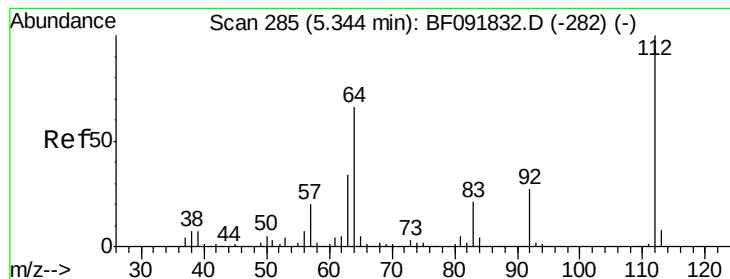
Delta R.T. 0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	42	Resp:	322557
Ion	Ratio	Lower	Upper
42	100		
74	148.6	117.0	175.4
44	9.1	5.5	8.3#





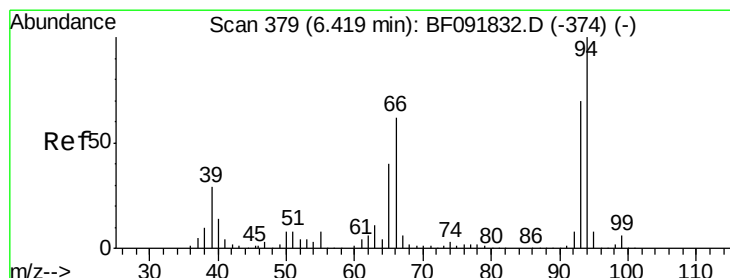
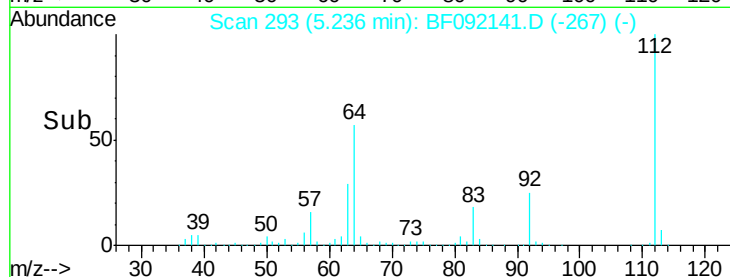
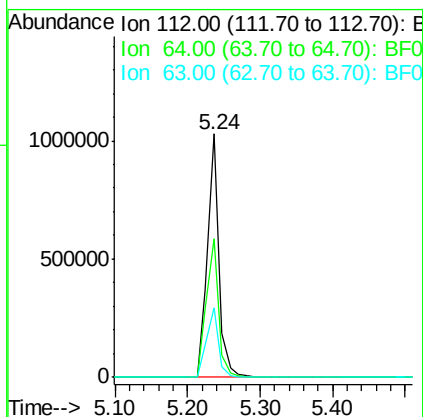
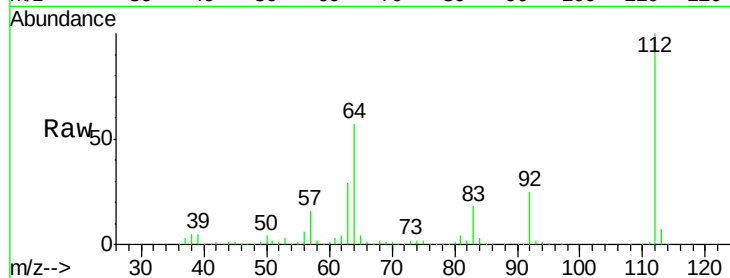
#5
 2-Fluorophenol
 Concen: 84.80 ng
 RT: 5.24 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion: 112 Resp: 1129330
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.1 69.1
 63 28.7 23.8 35.6

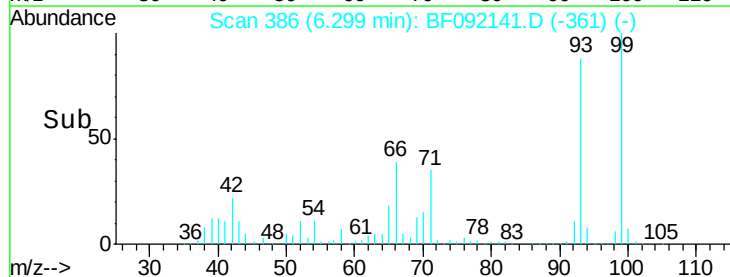
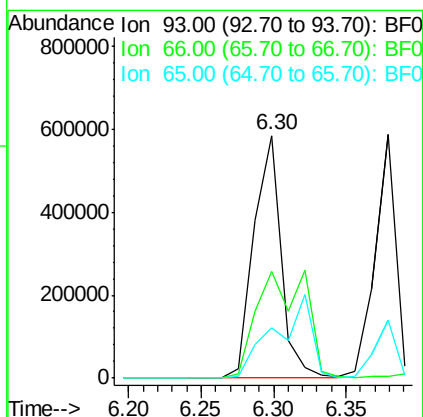
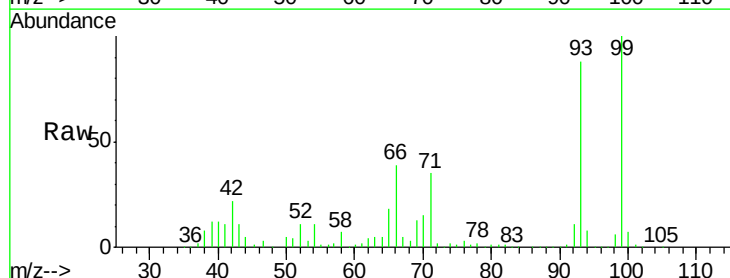
Manual Integrations
 APPROVED

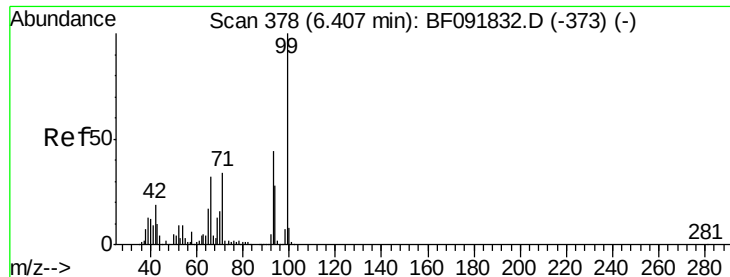
Sohil
 1/10/2017 10:01:14 AM



#6
 Aniline
 Concen: 36.23 ng
 RT: 6.30 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion: 93 Resp: 765064
 Ion Ratio Lower Upper
 93 100
 66 44.1 76.2 114.2#
 65 20.6 49.3 73.9#





#7

Phenol-d6

Concen: 76.09 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1237057

Ion Ratio Lower Upper

99 100

42 17.0 15.6 23.4

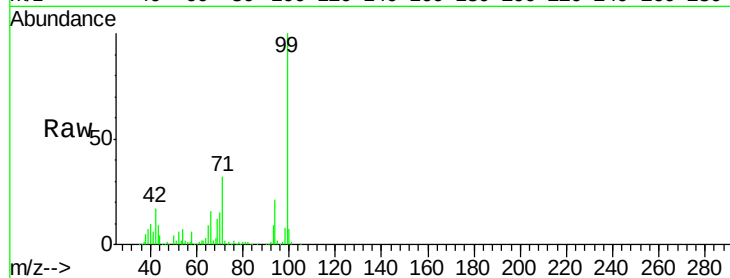
71 31.7 27.5 41.3

Manual Integrations

APPROVED

Sohil

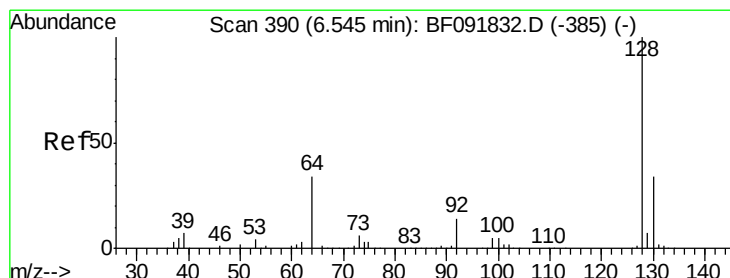
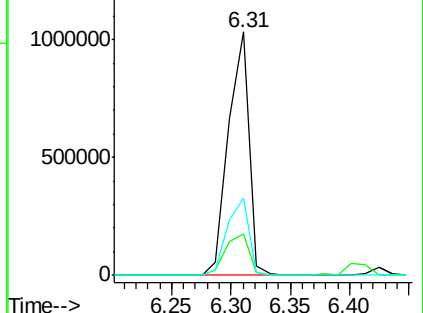
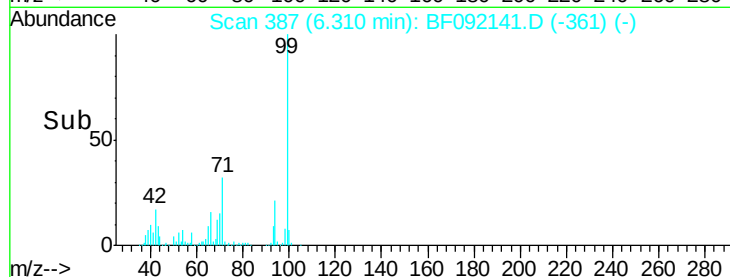
1/10/2017 10:01:14 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.78 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

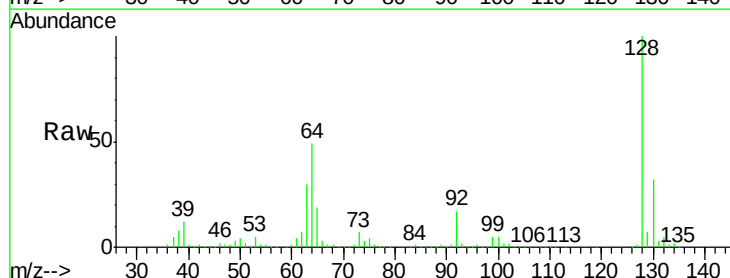
Tgt Ion: 128 Resp: 587502

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

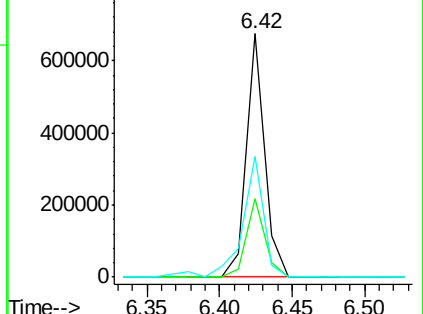
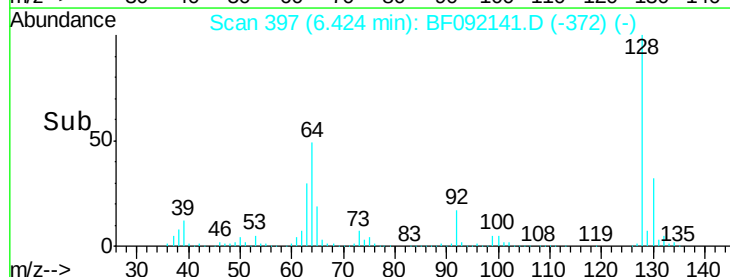
64 49.3 32.2 72.2

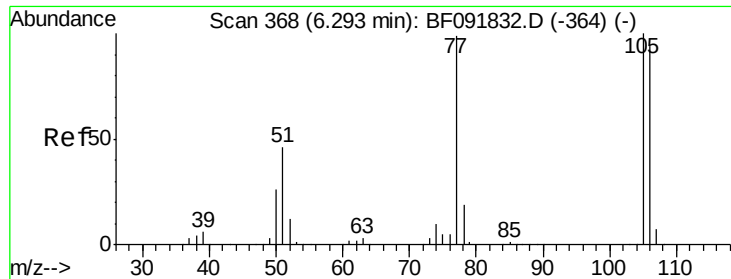


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.19 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

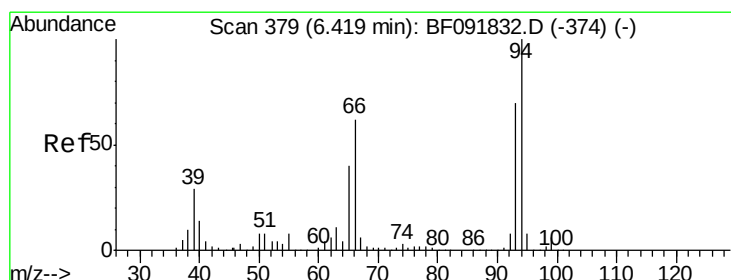
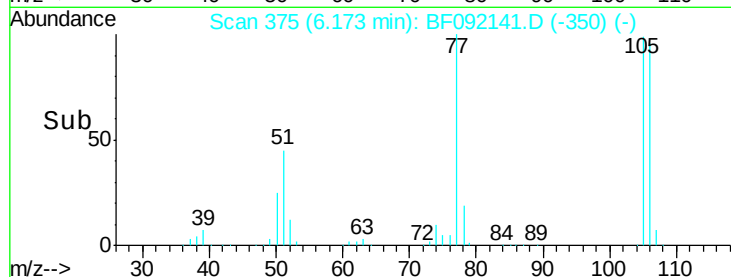
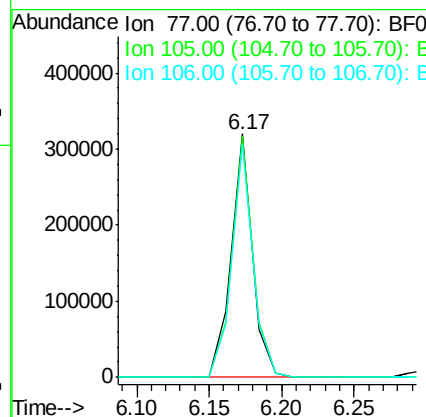
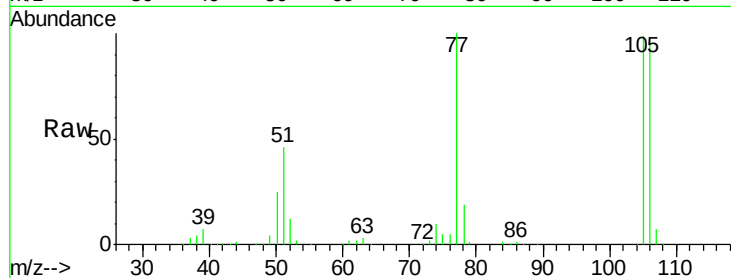
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	327086
Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.9	123.9
106	95.8	77.6	117.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#10

Phenol

Concen: 40.90 ng

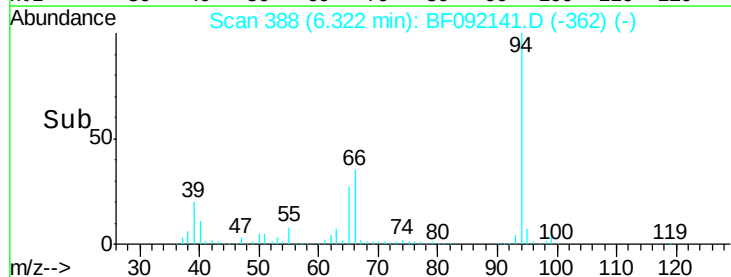
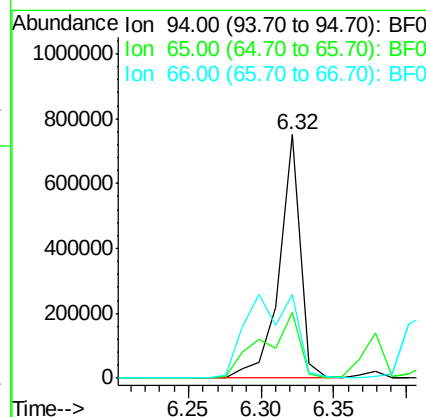
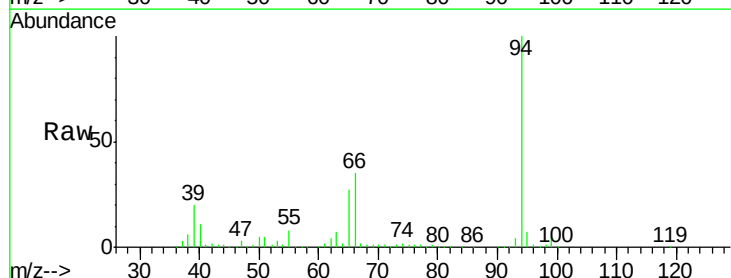
RT: 6.32 min Scan# 388

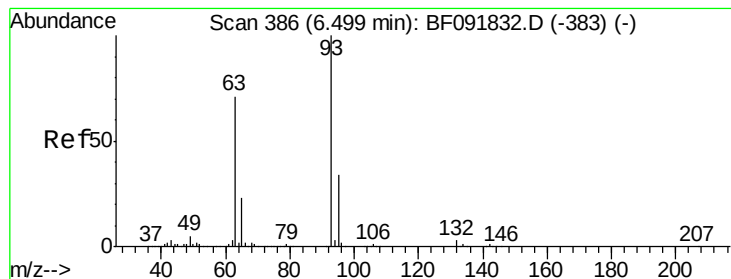
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	94	Resp:	757685
Ion	Ratio	Lower	Upper
94	100		
65	26.8	21.4	61.4
66	34.6	44.0	84.0#





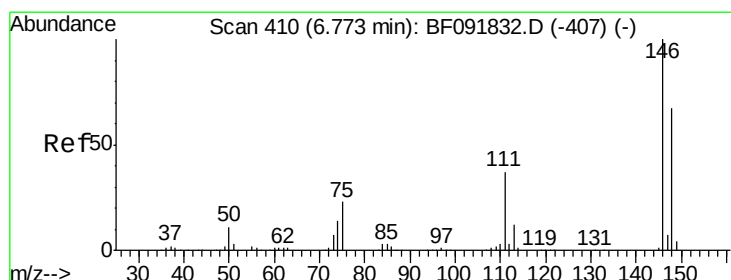
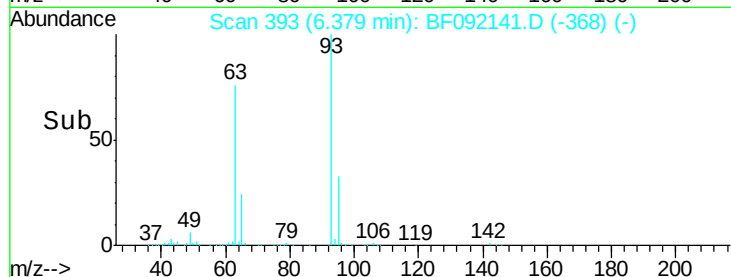
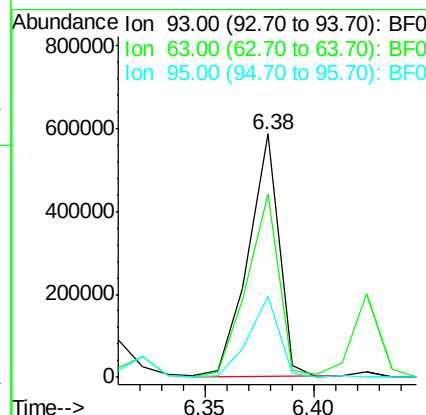
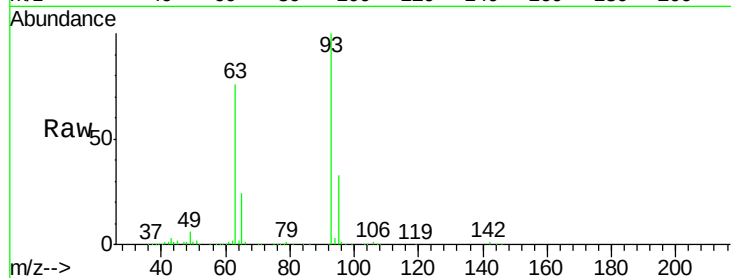
#11
bis(2-Chloroethyl)ether
Concen: 38.88 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.5	60.4	100.4
95	33.3	12.8	52.8

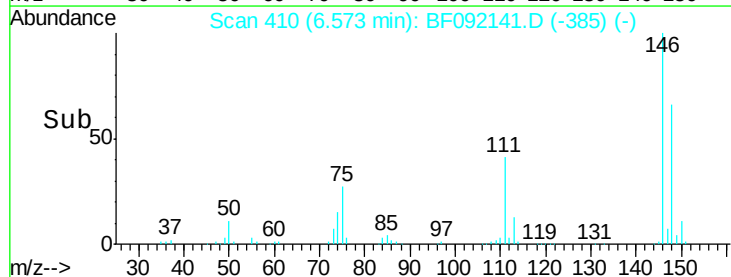
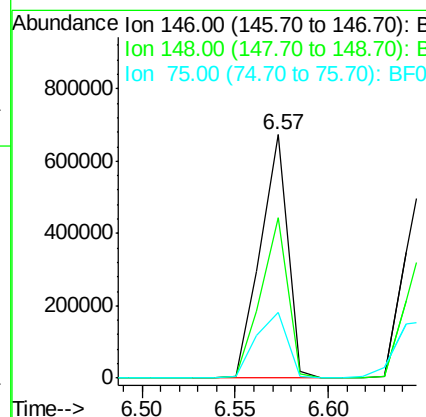
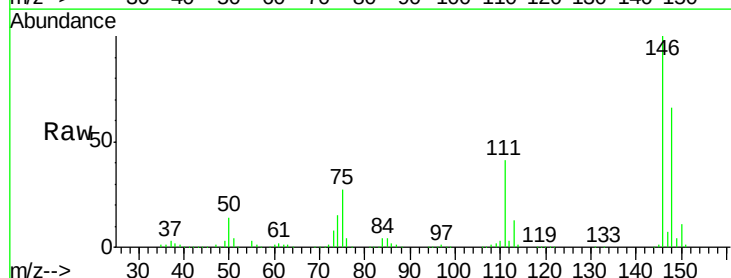
Manual Integrations
APPROVED

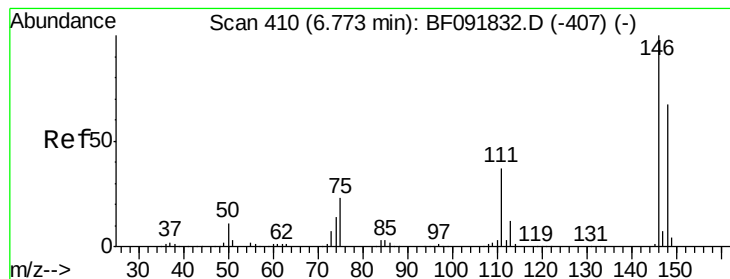
Sohil
1/10/2017 10:01:14 AM



#12
1,3-Dichlorobenzene
Concen: 42.09 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.4	80.0
75	27.1	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 42.16 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

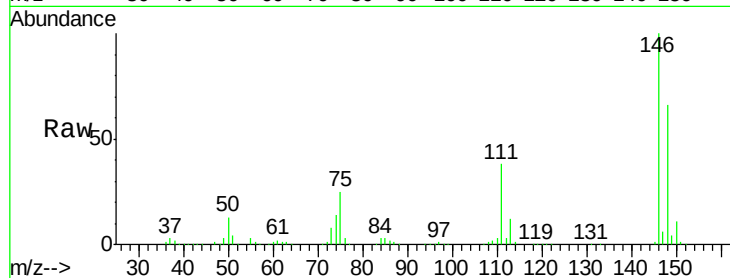
ClientSampleId :

SSTDCCC040

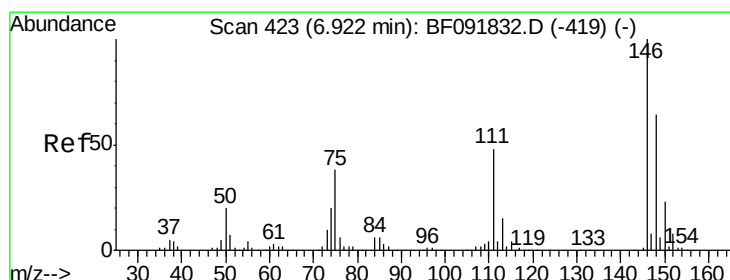
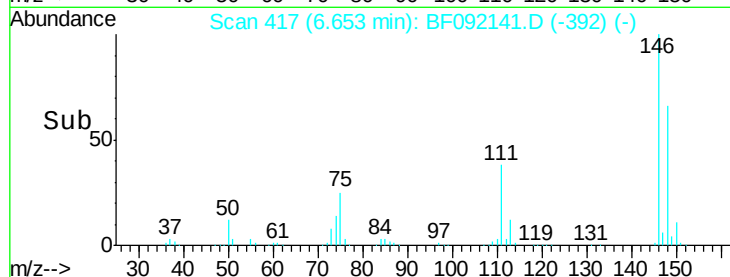
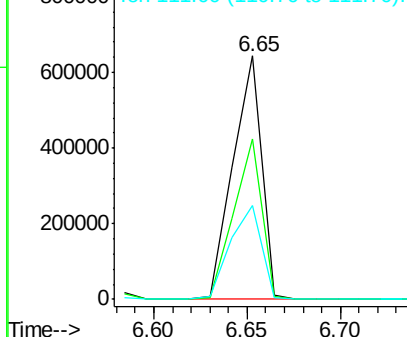
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	76.0
111	38.5	36.2	54.4

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.75 ng

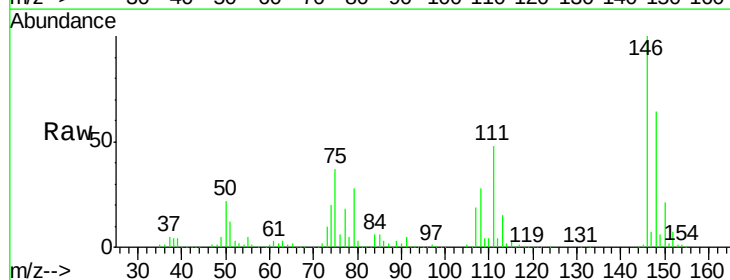
RT: 6.80 min Scan# 430

Delta R.T. -0.01 min

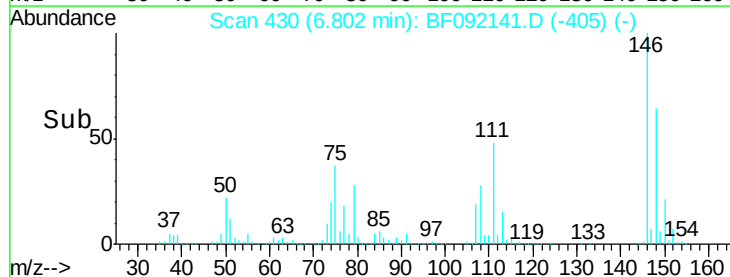
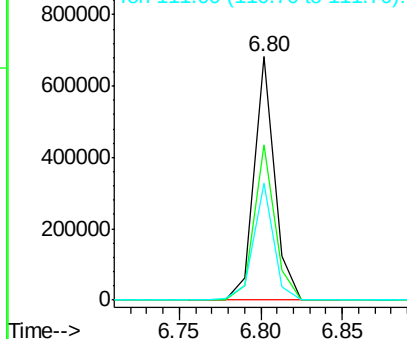
Lab File: BF092141.D

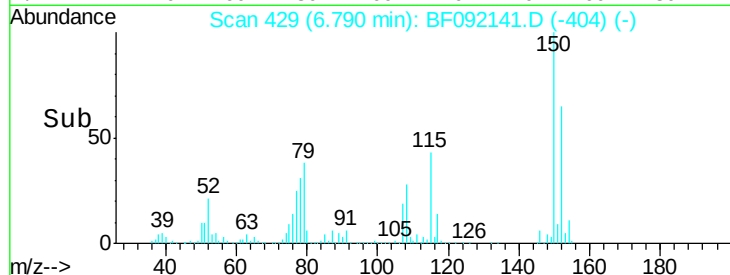
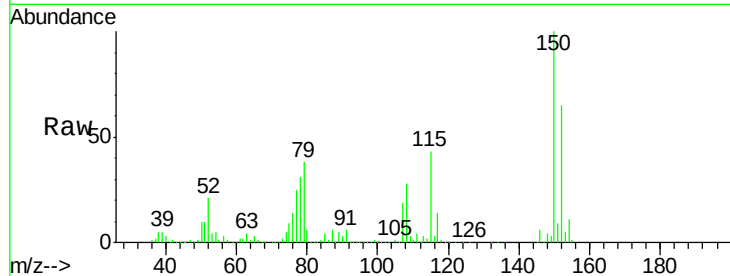
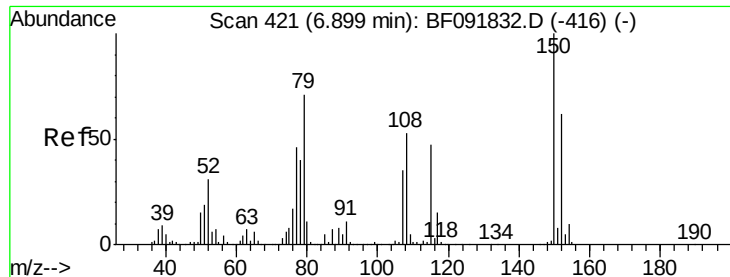
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	47.9	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.42 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	79	Resp:	510647
Ion	Ratio	Lower	Upper
79	100		
108	73.8	61.4	92.0
77	64.3	50.9	76.3

Instrument :

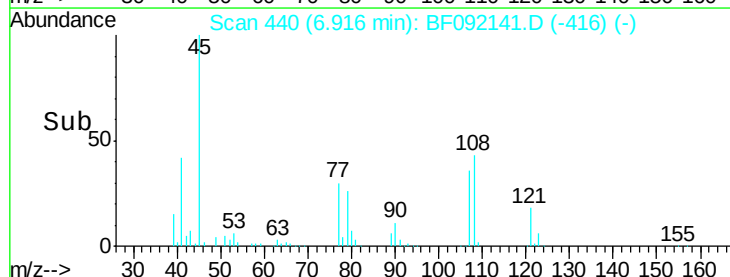
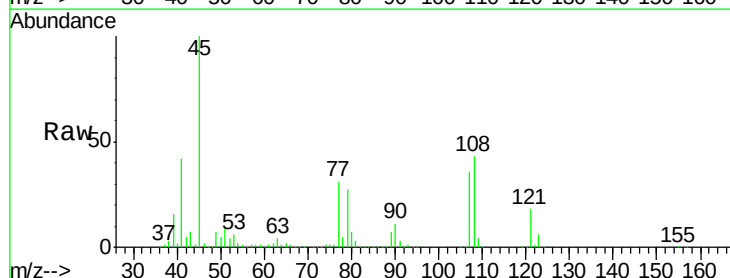
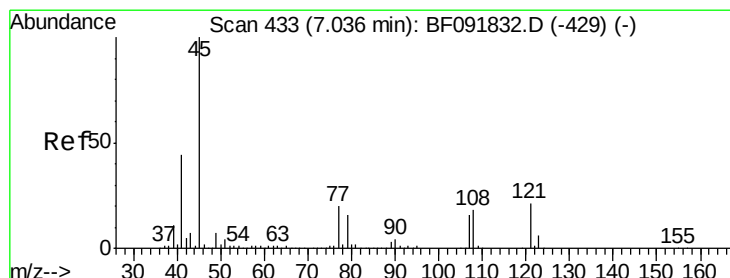
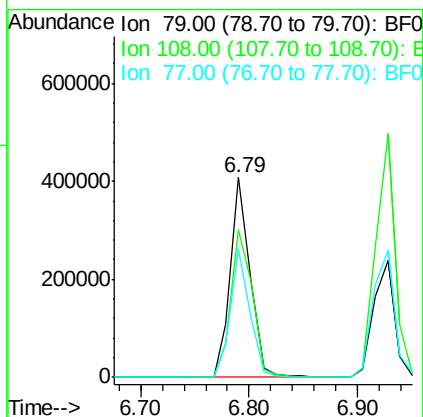
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.10 ng

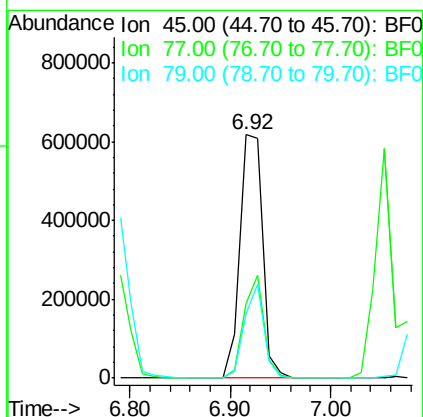
RT: 6.92 min Scan# 440

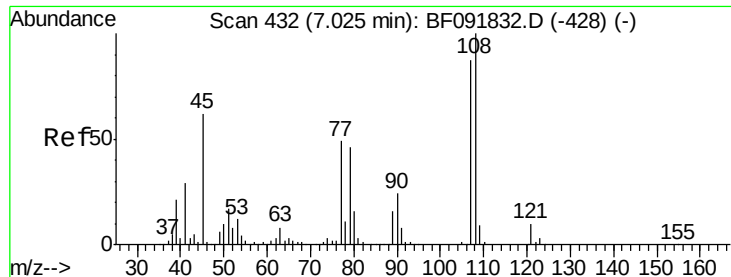
Delta R.T. -0.02 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	45	Resp:	968122
Ion	Ratio	Lower	Upper
45	100		
77	30.7	0.0	34.6
79	26.6	0.0	31.2





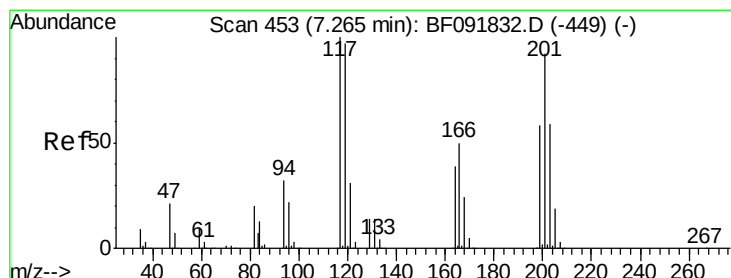
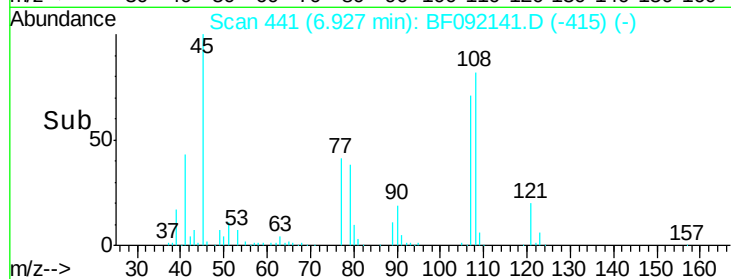
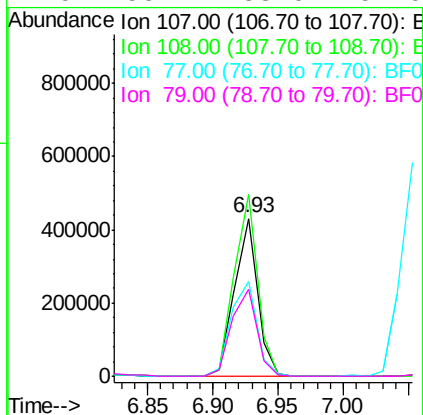
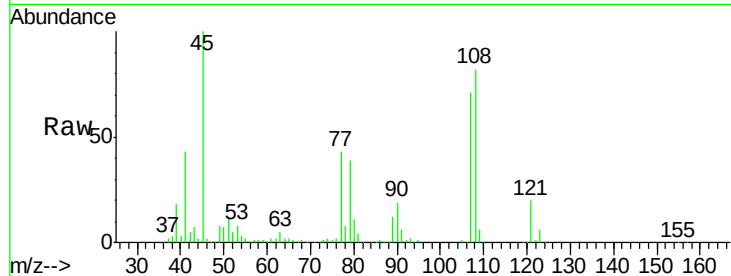
#17
2-Methylphenol
Concen: 43.55 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	93.0	139.6	
77	60.3	39.8	59.8	
79	55.2	38.0	57.0	

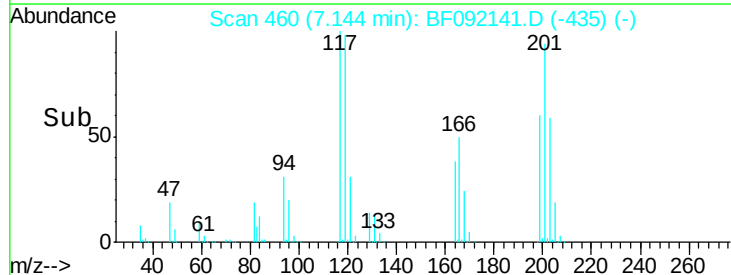
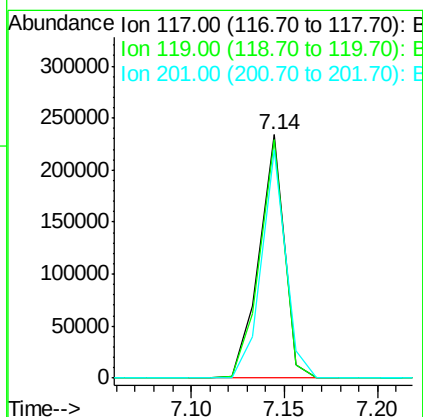
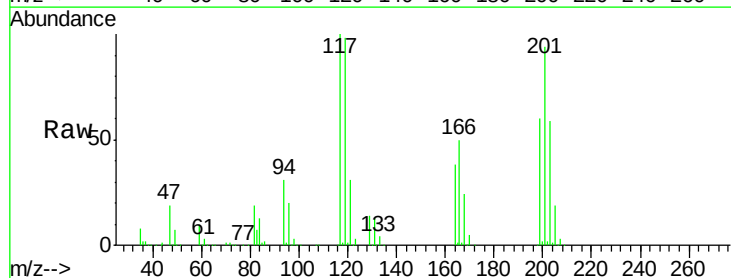
Manual Integrations
APPROVED

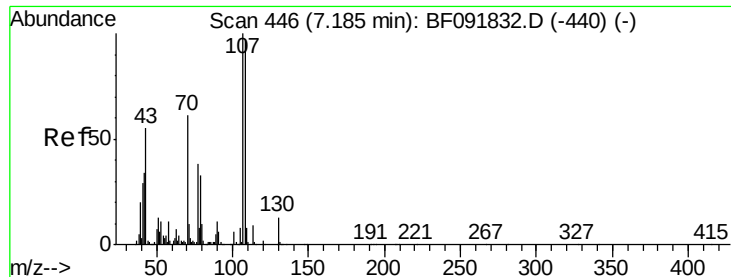
Sohil
1/10/2017 10:01:14 AM



#18
Hexachloroethane
Concen: 35.68 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	78.1	117.1	
201	93.5	78.6	117.8	





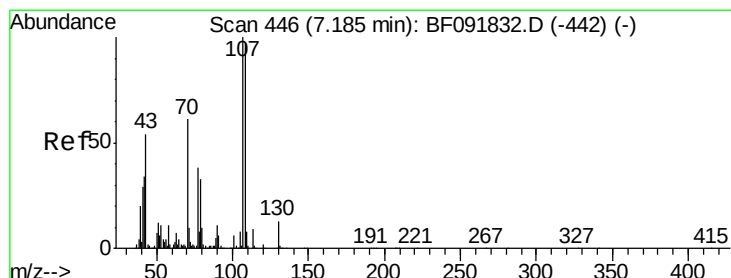
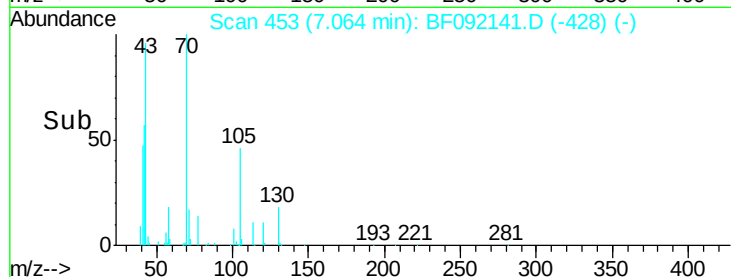
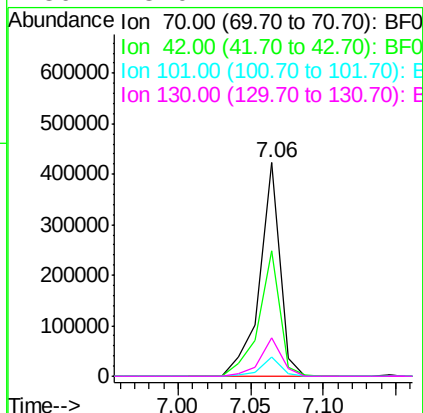
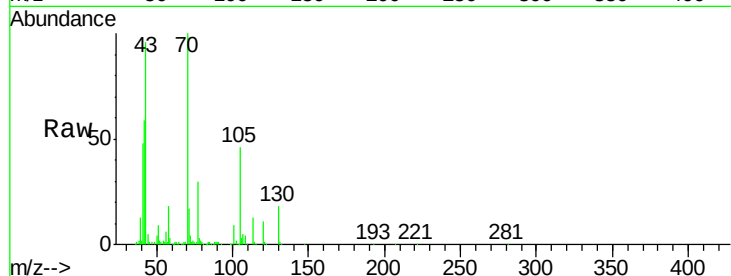
#19
n-Nitroso-di-n-propylamine
Concen: 38.03 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.0	49.4	74.0
101	8.8	7.4	11.2
130	18.0	14.2	21.4

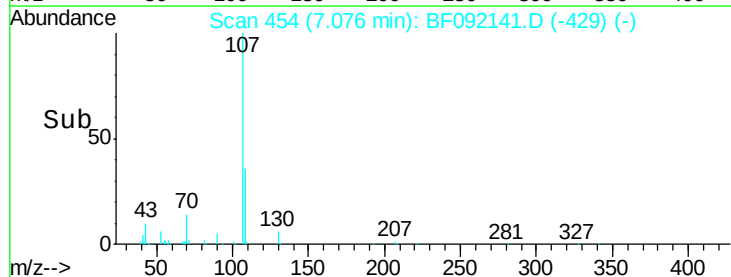
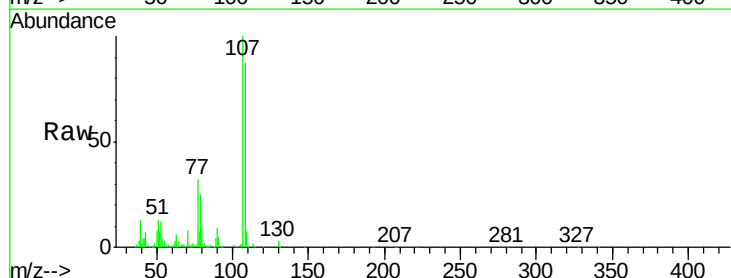
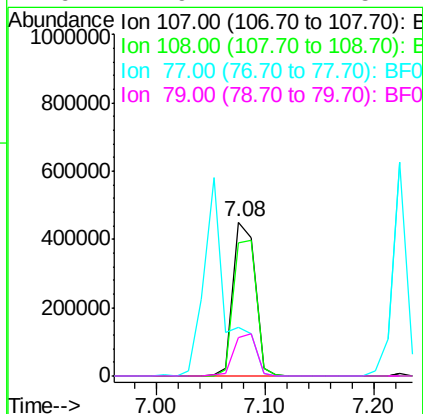
Manual Integrations
APPROVED

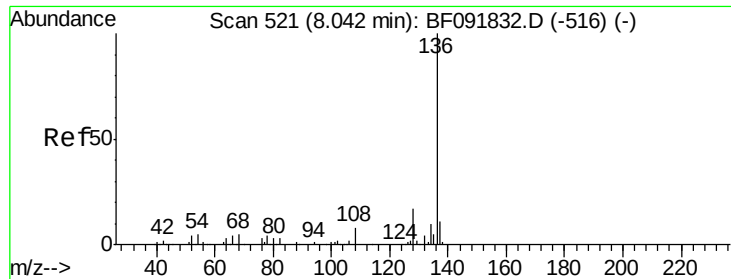
Sohil
1/10/2017 10:01:14 AM



#20
3+4-Methylphenols
Concen: 43.11 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	73.0	113.0
77	32.0	71.3	111.3#
79	24.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

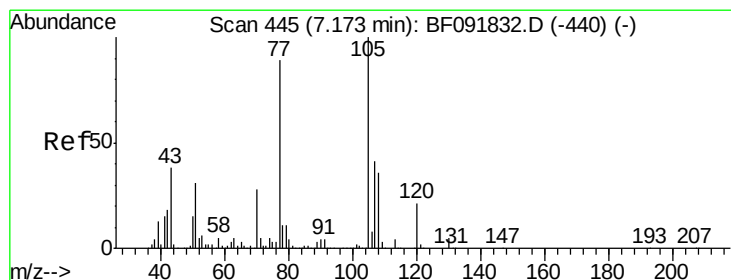
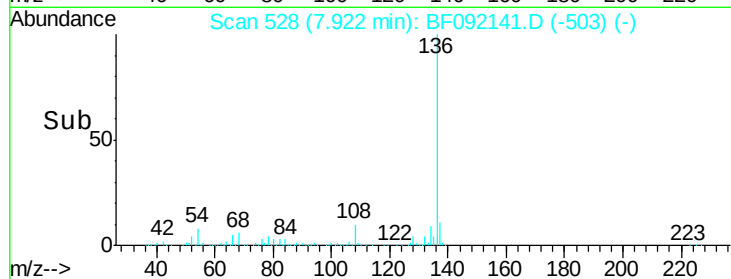
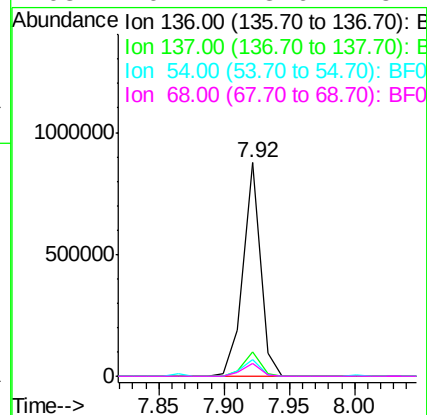
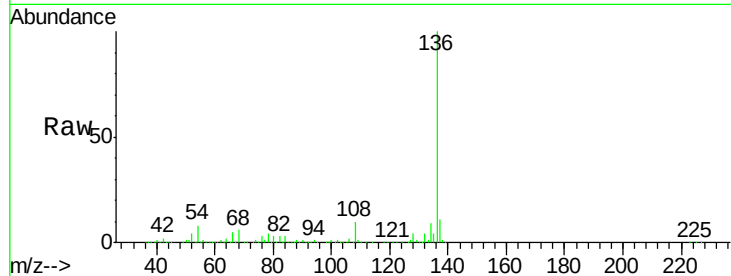
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	802806		
137	11.2	8.4	12.6	
54	7.8	4.5	6.7#	
68	6.1	3.6	5.4#	

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#22

Acetophenone

Concen: 44.19 ng

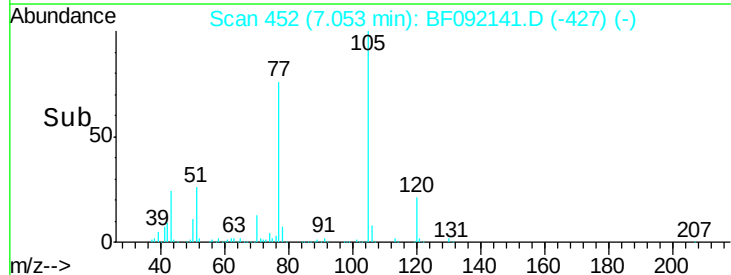
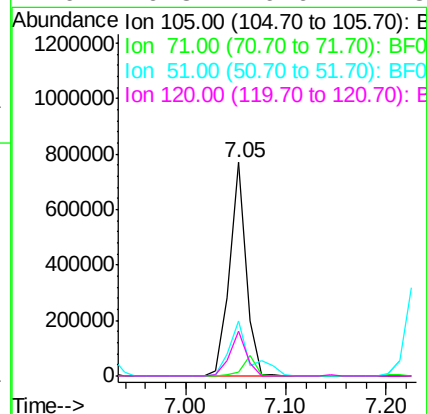
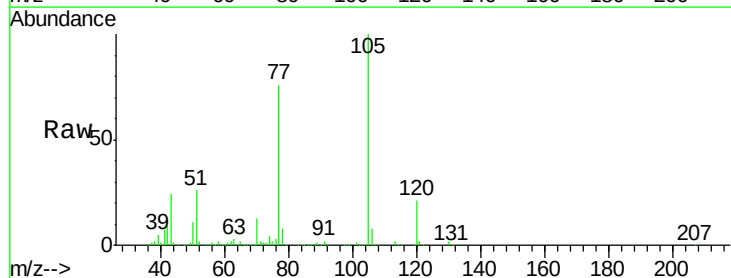
RT: 7.05 min Scan# 452

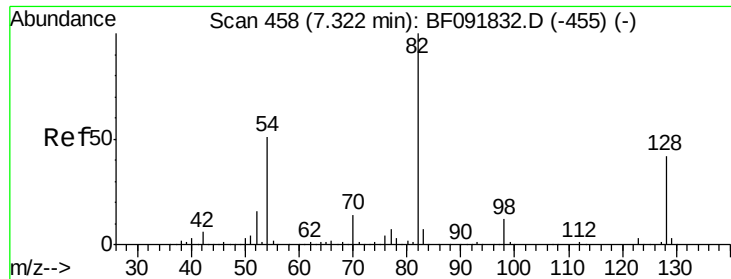
Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	875118		
71	2.1	3.2	4.8#	
51	26.0	26.2	39.4#	
120	20.8	16.6	24.8	





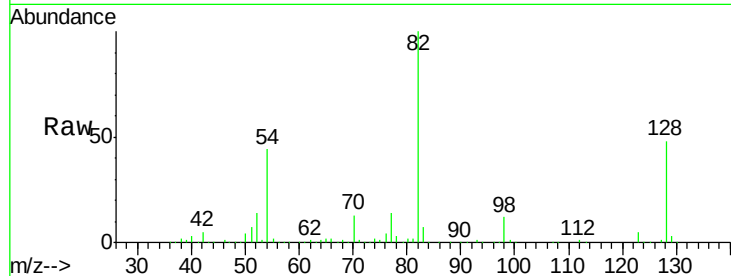
#23
 Nitrobenzene-d5
 Concen: 82.51 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

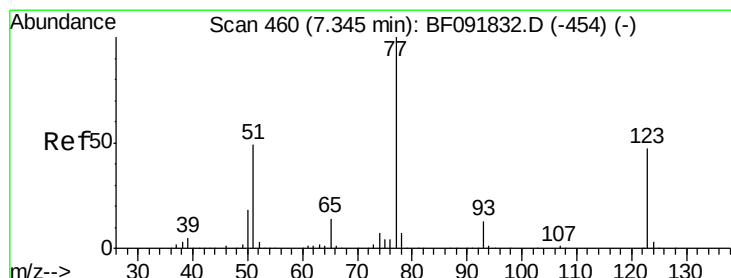
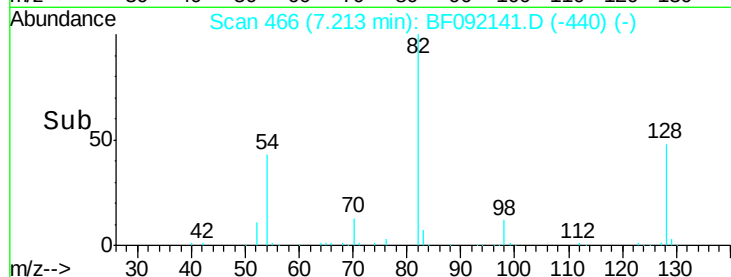
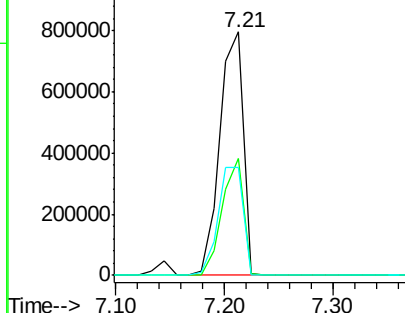
Tgt Ion: 82 Resp: 1191177
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.6 52.0
 54 44.2 39.5 59.3

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:14 AM

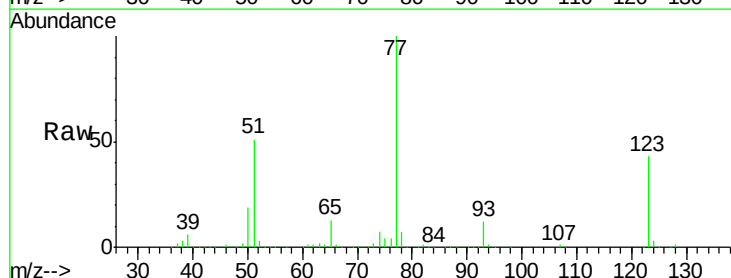


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

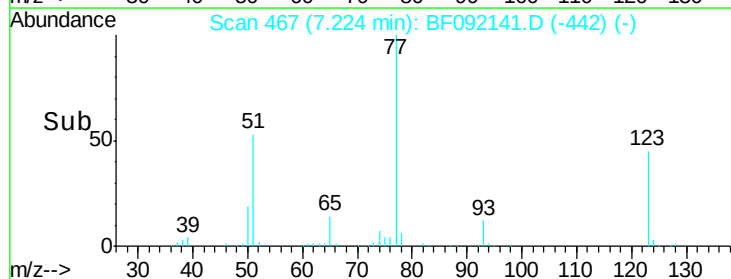
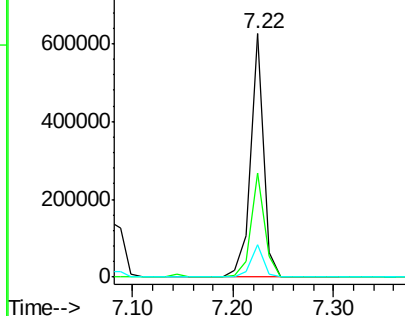


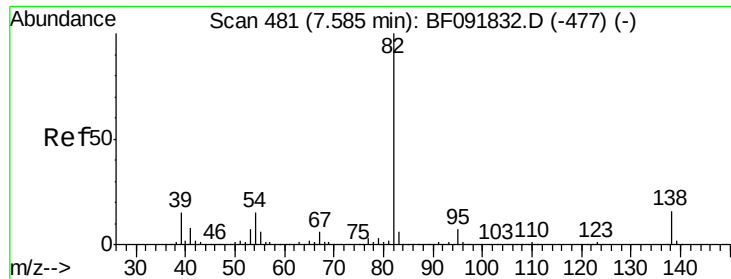
#24
 Nitrobenzene
 Concen: 36.36 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion: 77 Resp: 559136
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.0 49.4
 65 13.4 11.2 16.8



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





#25

Isophorone

Concen: 38.84 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1034673

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

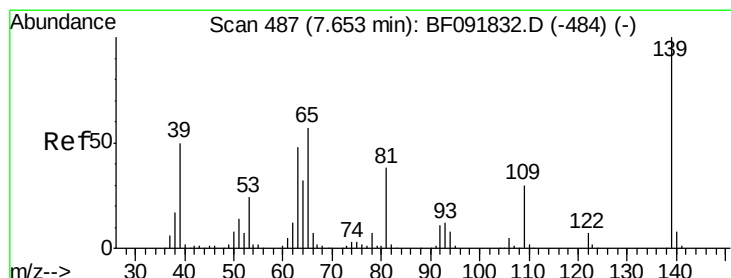
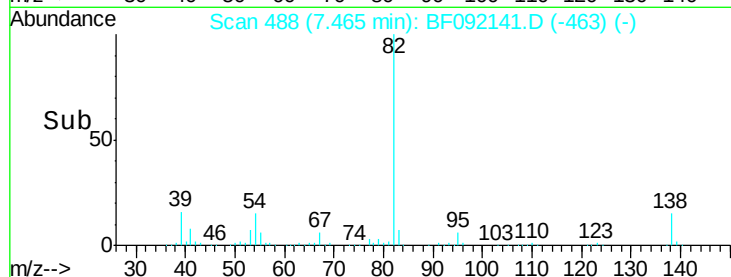
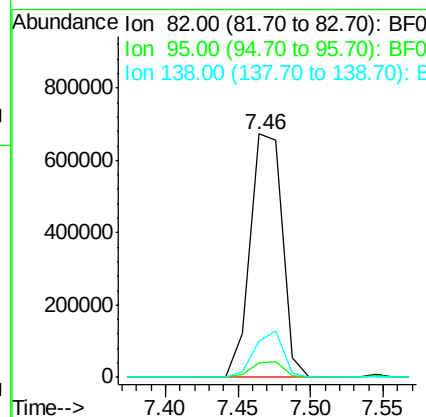
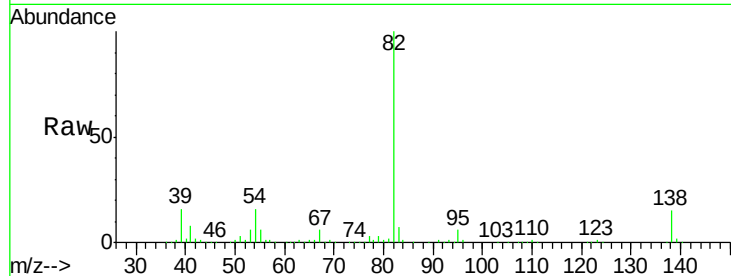
138 15.0 14.6 22.0

Manual Integrations

APPROVED

Sohil

1/10/2017 10:01:14 AM



#26

2-Nitrophenol

Concen: 42.33 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

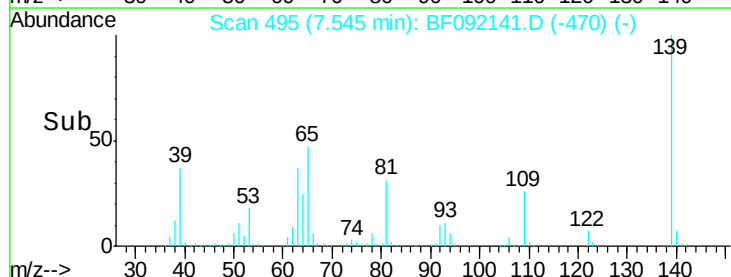
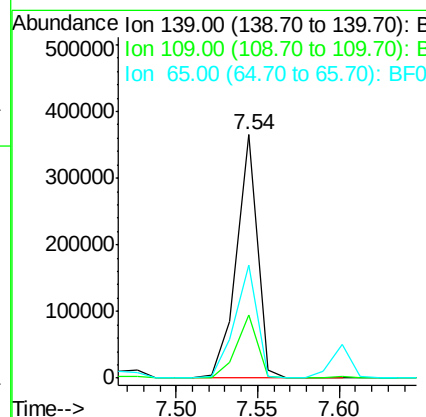
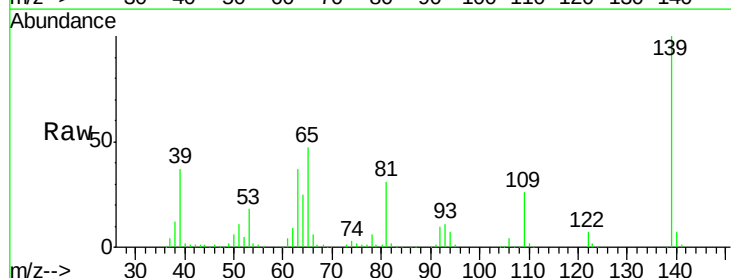
Tgt Ion: 139 Resp: 320980

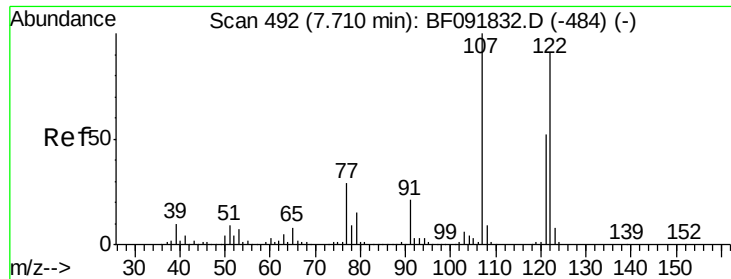
Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

65 46.6 42.7 64.1





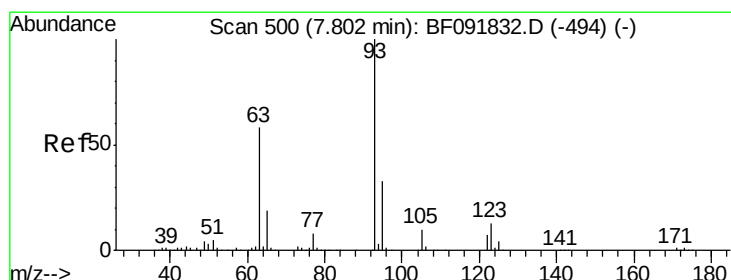
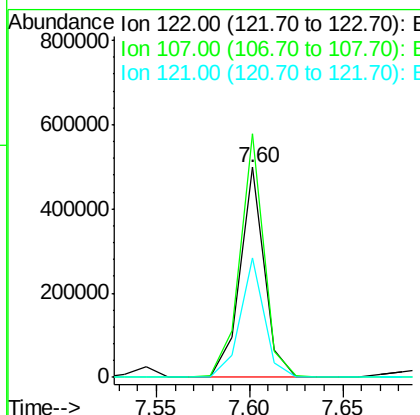
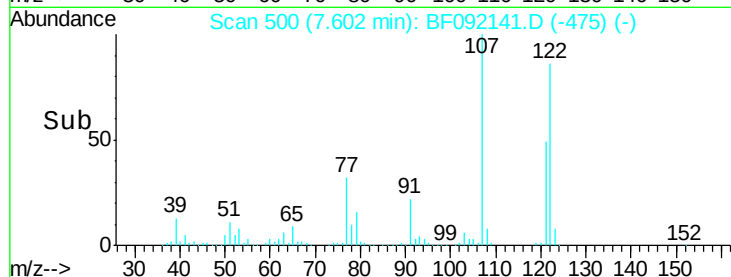
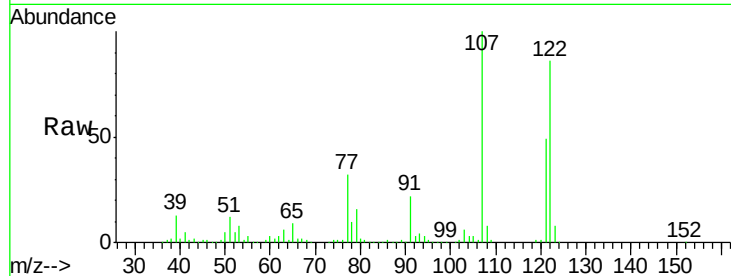
#27
2,4-Dimethylphenol
Concen: 36.21 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	455385		
107	116.0	94.1	141.1	
121	57.0	46.0	69.0	

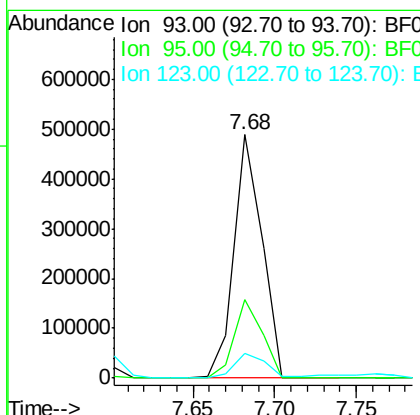
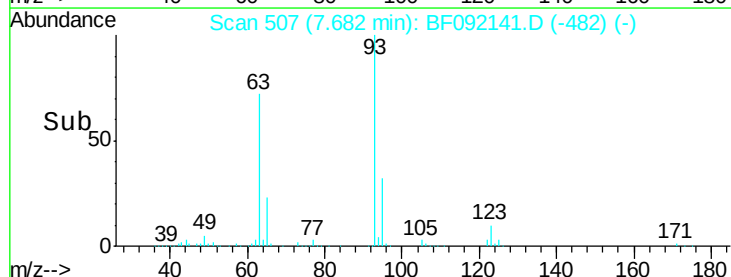
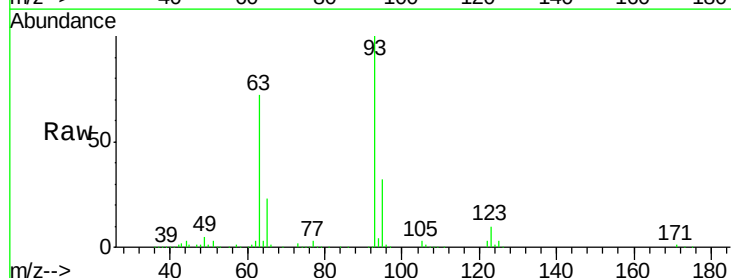
Manual Integrations
APPROVED

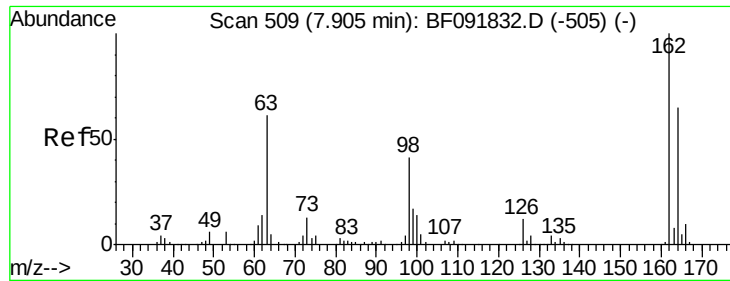
Sohil
1/10/2017 10:01:14 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.63 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	575470		
95	32.0	26.5	39.7	
123	10.1	8.6	13.0	





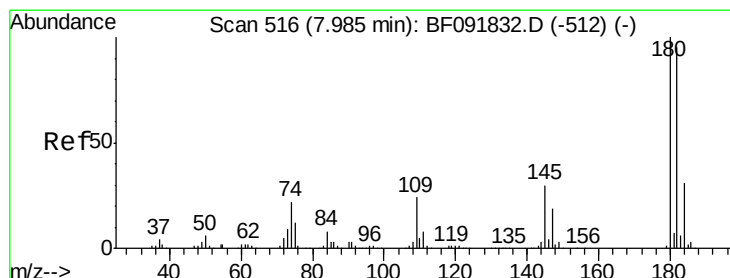
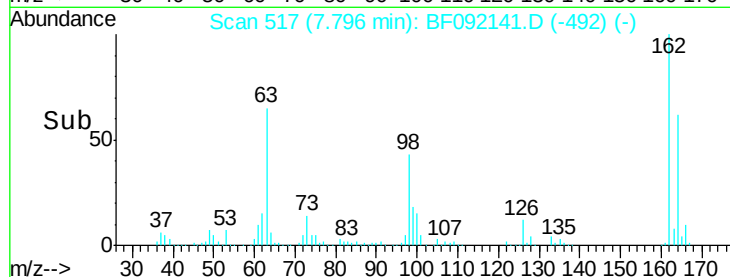
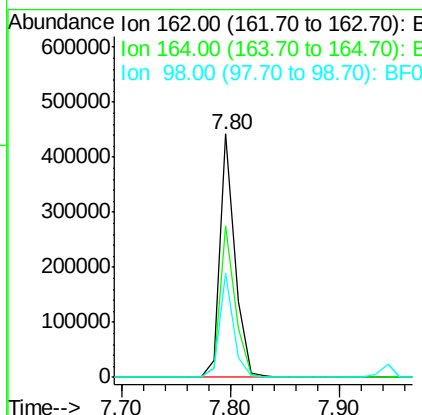
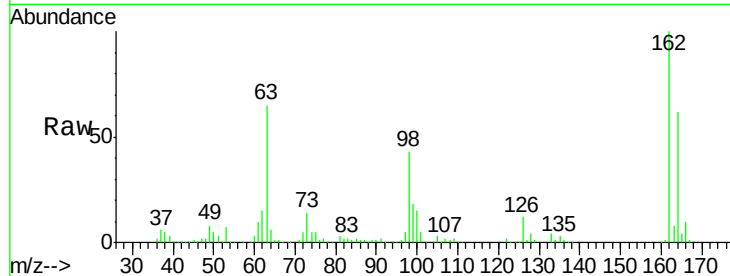
#29
2,4-Dichlorophenol
Concen: 40.18 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	427957		
164	62.5	46.8	86.8	
98	42.9	9.1	49.1	

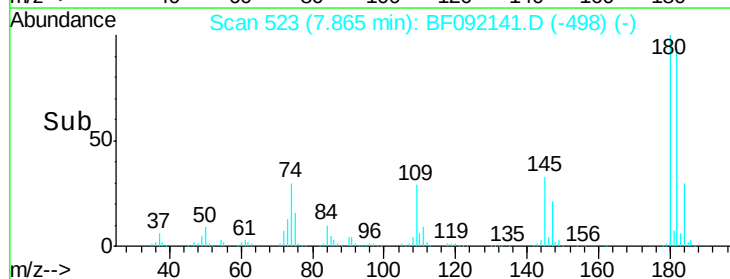
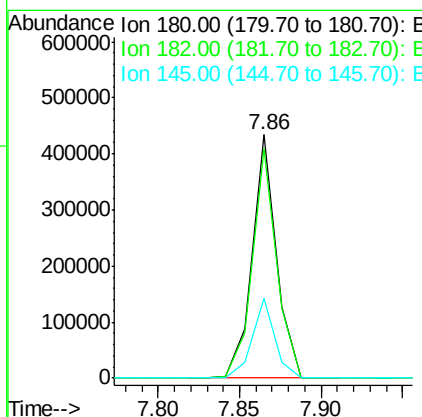
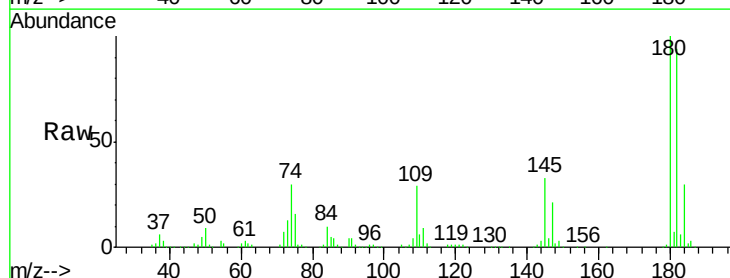
Manual Integrations
APPROVED

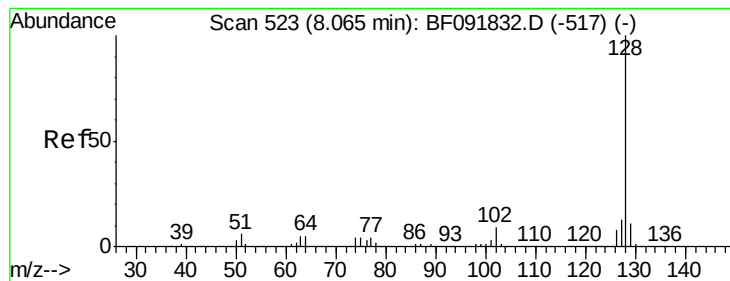
Sohil
1/10/2017 10:01:14 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.31 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447047		
182	94.0	78.2	117.4	
145	32.7	21.6	32.4	





#31

Naphthalene

Concen: 42.44 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion:128 Resp: 1559228

Ion Ratio Lower Upper

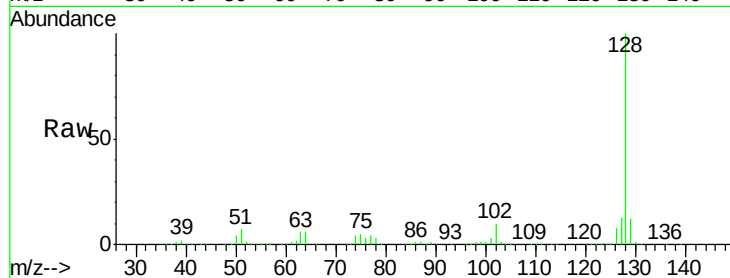
128 100

129 11.6 9.5 14.3

127 13.5 10.8 16.2

Manual Integrations
APPROVED

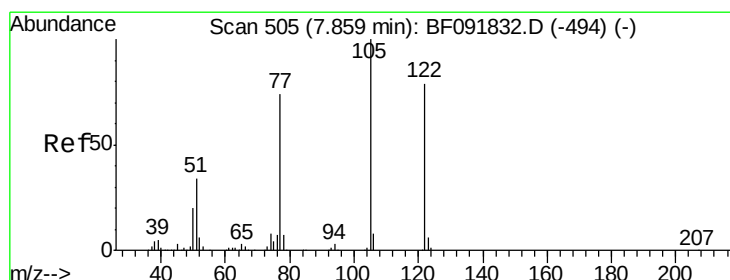
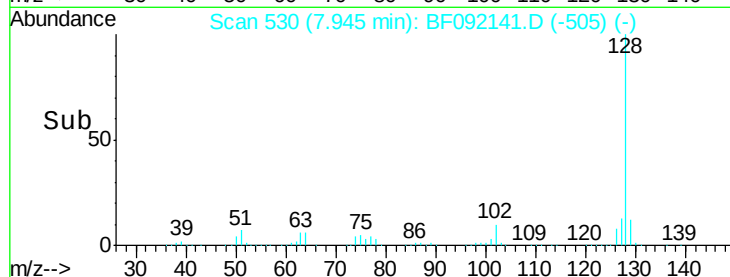
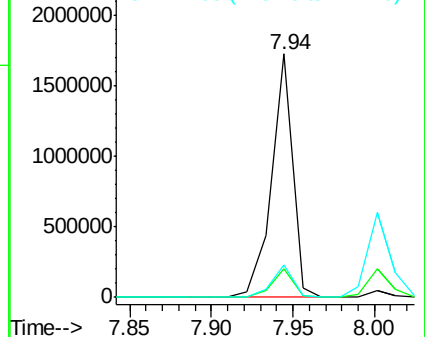
Sohil
1/10/2017 10:01:14 AM



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: 41.23 ng

RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

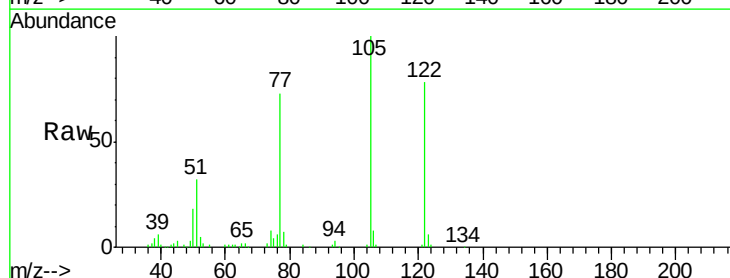
Tgt Ion:122 Resp: 384587

Ion Ratio Lower Upper

122 100

105 128.1 107.2 147.2

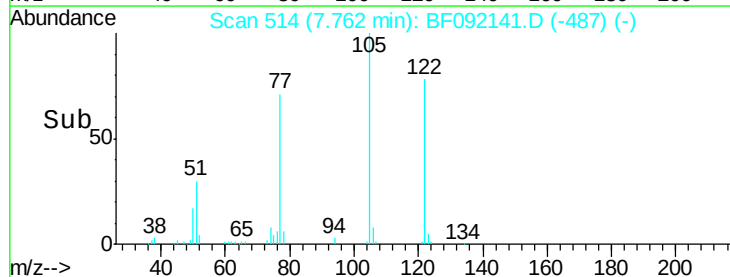
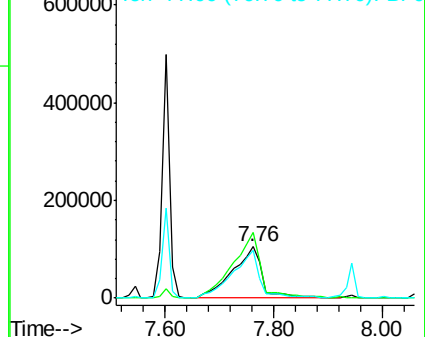
77 93.8 74.5 114.5

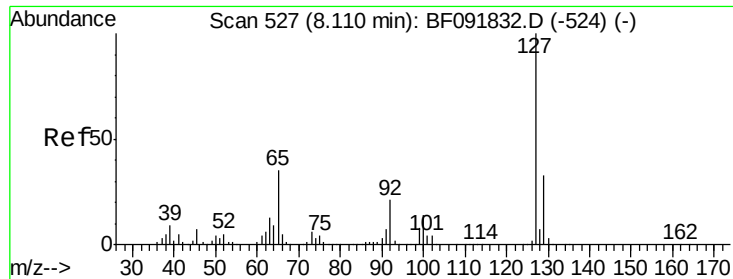


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





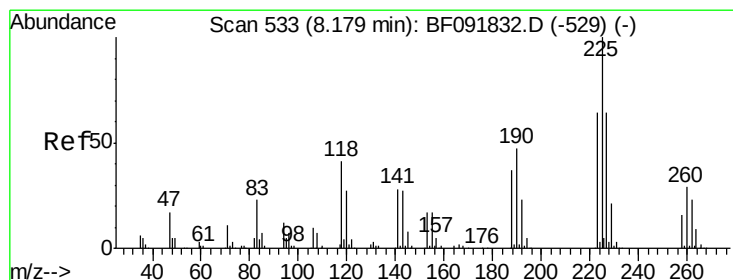
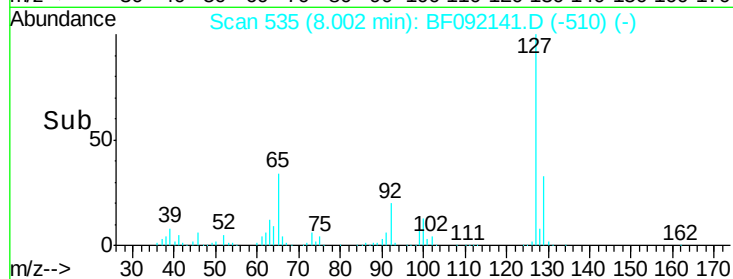
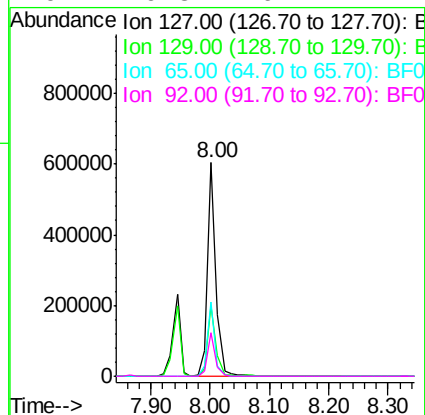
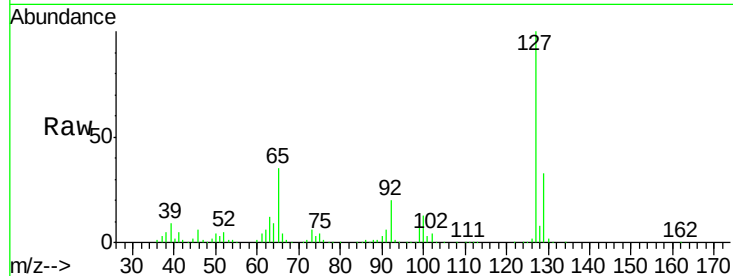
#33
4-Chloroaniline
Concen: 36.76 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	608958		
129	32.8	26.3	39.5	
65	34.6	25.8	38.8	
92	20.3	16.1	24.1	

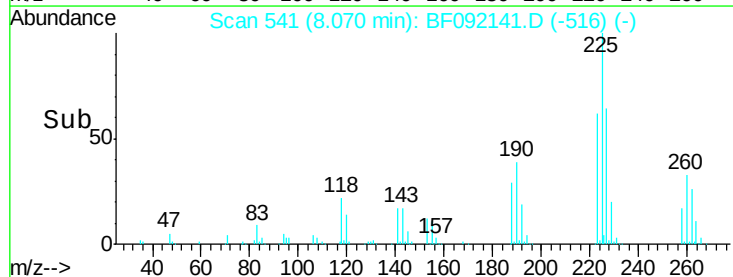
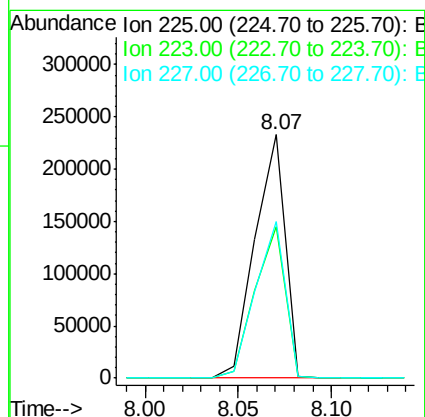
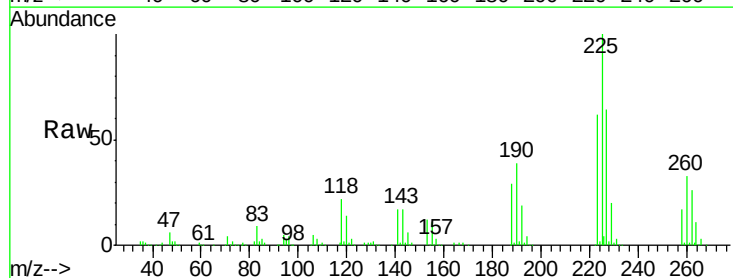
Manual Integrations
APPROVED

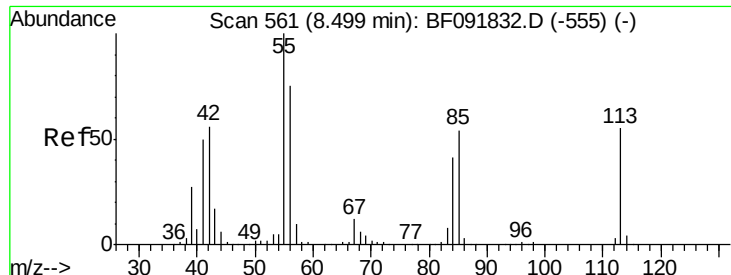
Sohil
1/10/2017 10:01:14 AM



#34
Hexachlorobutadiene
Concen: 42.17 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	259814		
223	62.0	51.0	76.6	
227	64.2	50.6	76.0	





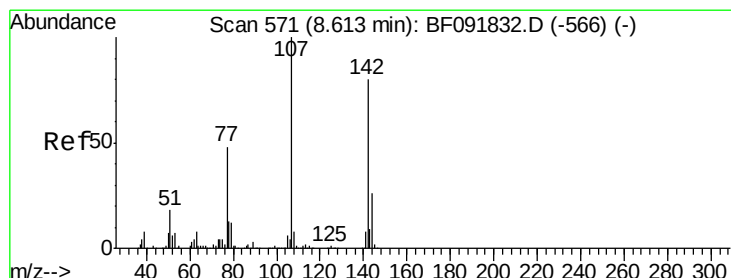
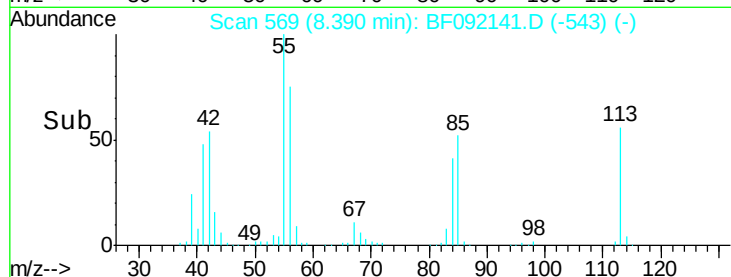
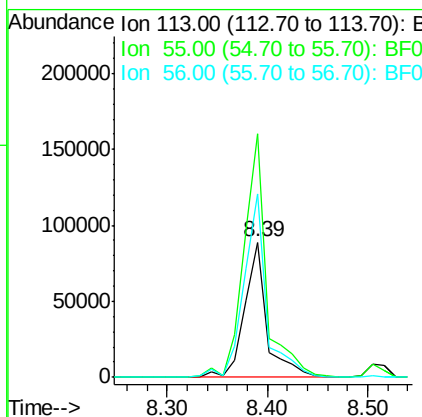
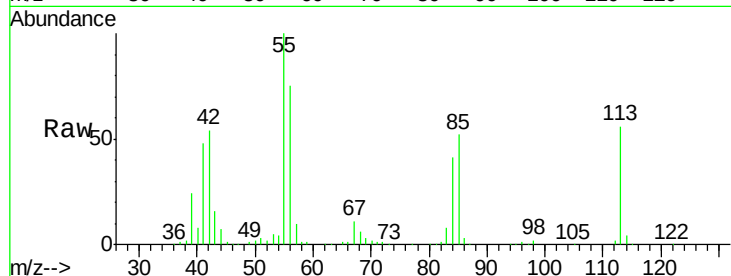
#35
 Caprolactam
 Concen: 38.80 ng
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 135790
 Ion Ratio Lower Upper
 113 100
 55 180.0 119.2 159.2#
 56 135.4 83.8 123.8#

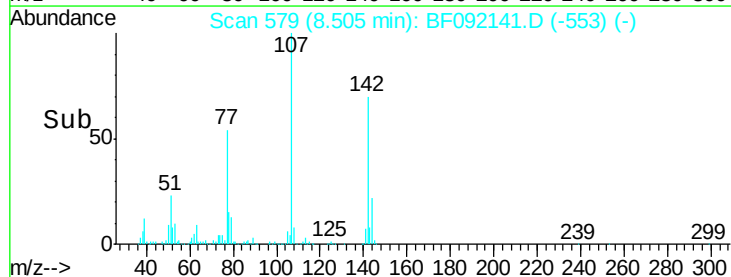
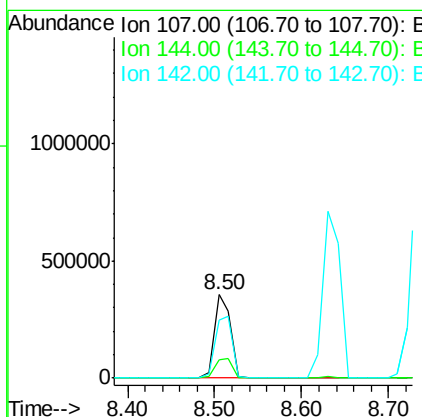
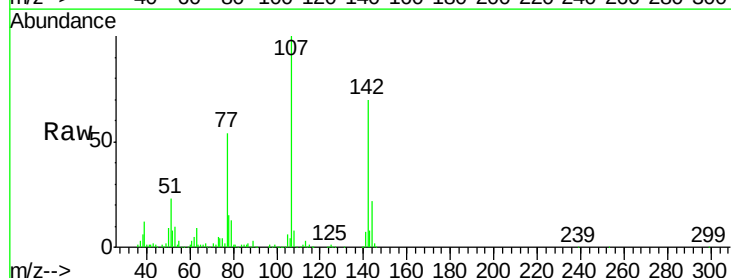
Manual Integrations
 APPROVED

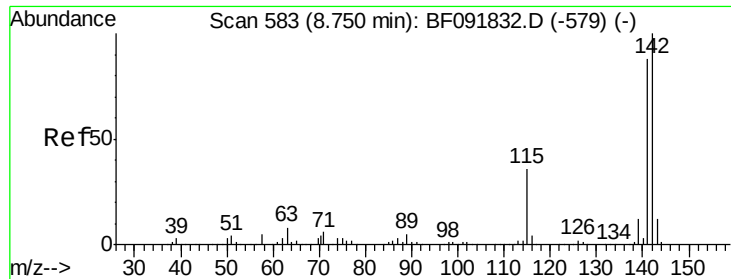
Sohil
 1/10/2017 10:01:14 AM



#36
 4-Chloro-3-methylphenol
 Concen: 37.92 ng
 RT: 8.50 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion:107 Resp: 464694
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.3 28.9
 142 69.9 59.0 88.6





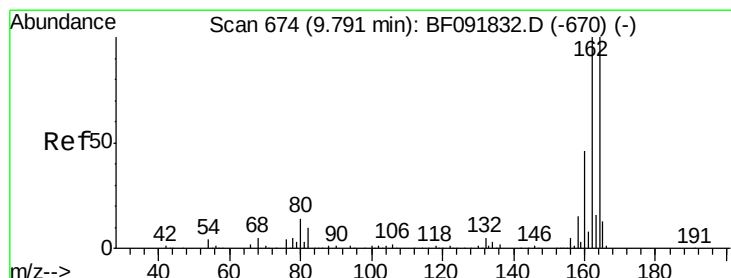
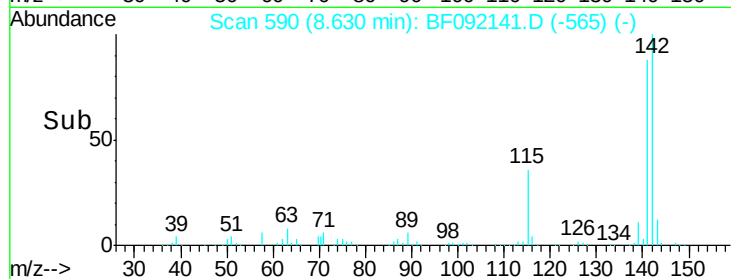
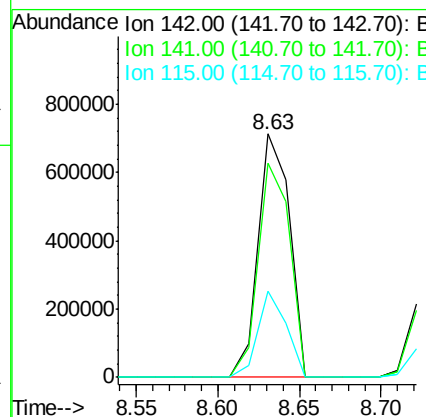
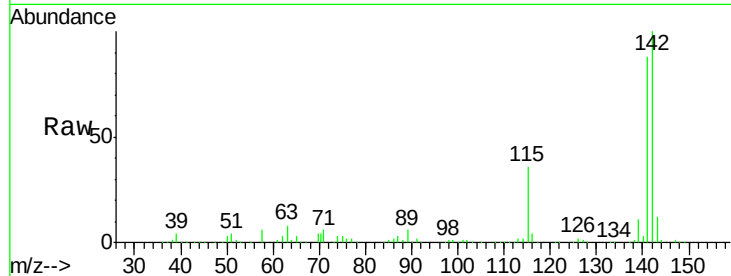
#37
2-Methylnaphthalene
Concen: 41.93 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	35.5	28.3	42.5

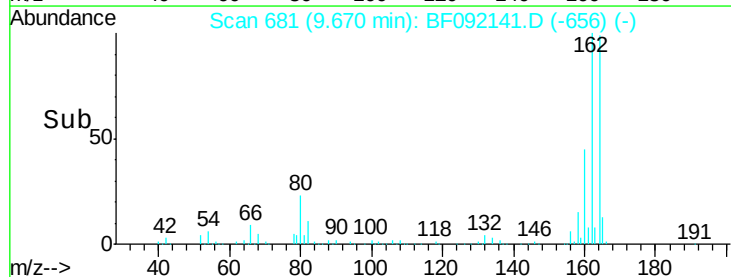
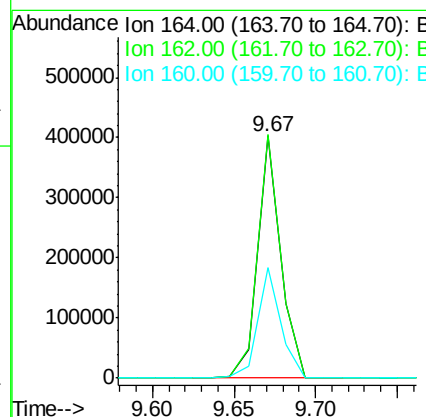
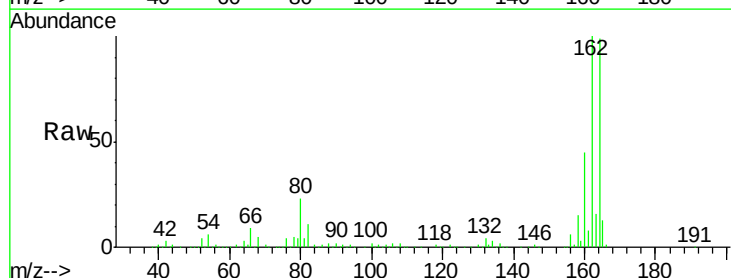
Manual Integrations
APPROVED

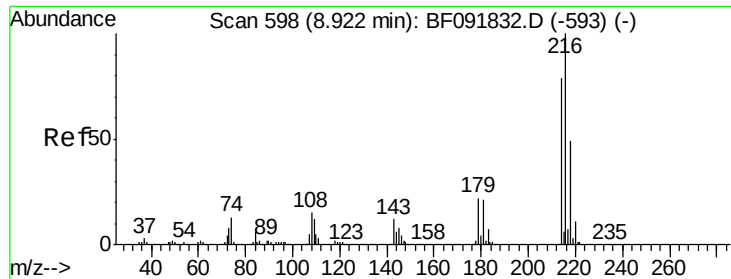
Sohil
1/10/2017 10:01:14 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	45.6	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.20 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

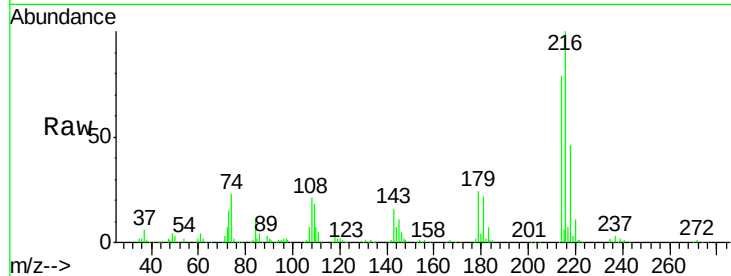
ClientSampleId :

SSTDCCC040

Tgt Ion:	216	Resp:	403202
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.0
179	23.1	17.4	26.2
108	21.7	15.6	23.4

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM

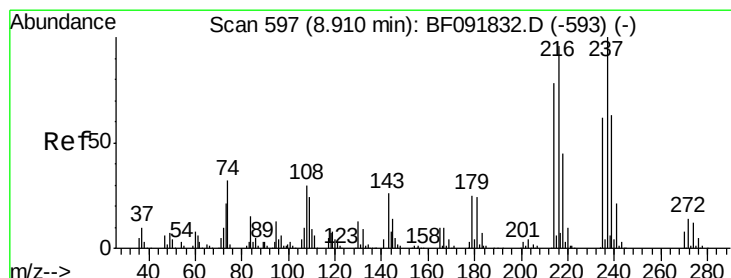
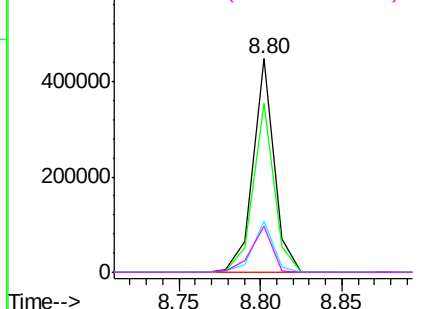
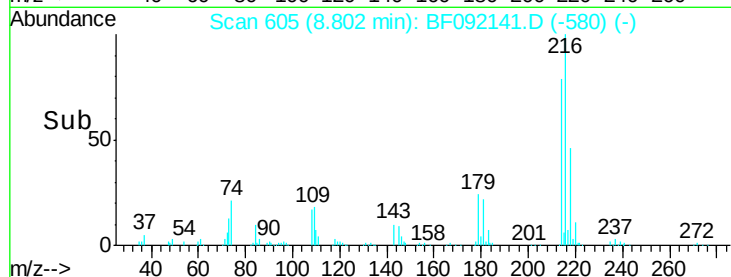


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 38.52 ng

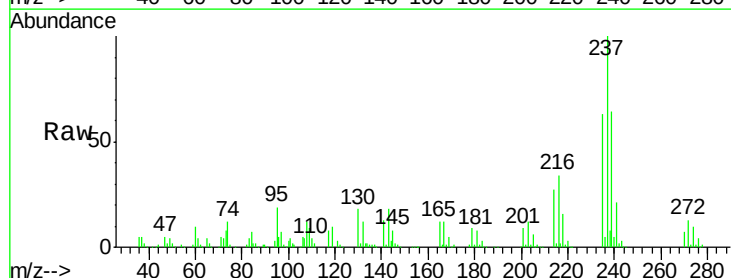
RT: 8.79 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

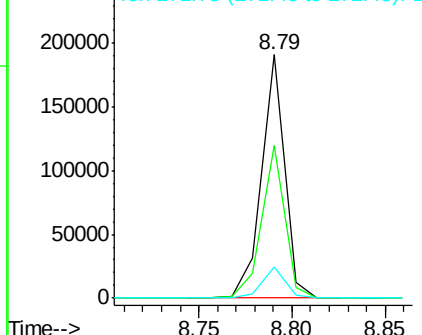
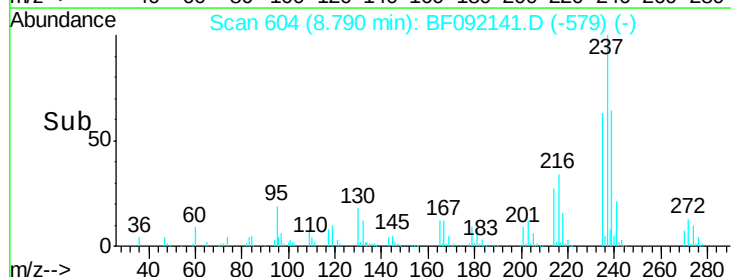
Tgt Ion:	237	Resp:	162337
Ion Ratio	Lower	Upper	
237	100		
235	62.8	41.2	81.2
272	13.0	0.0	35.4

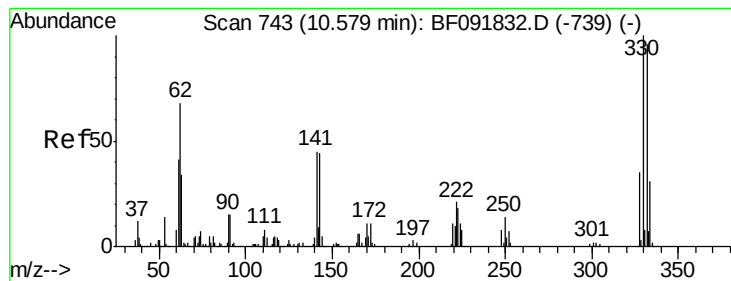


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





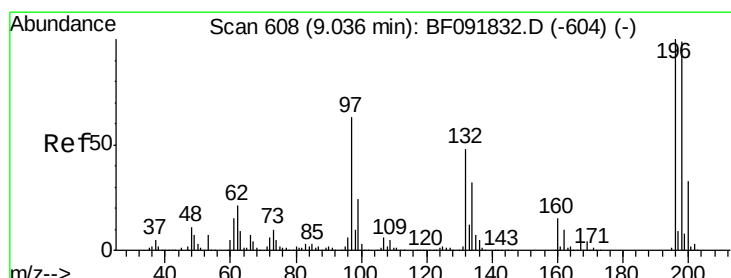
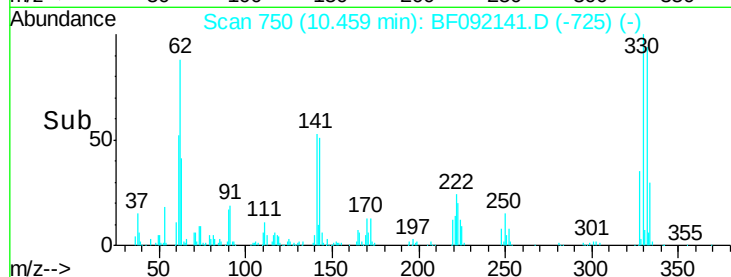
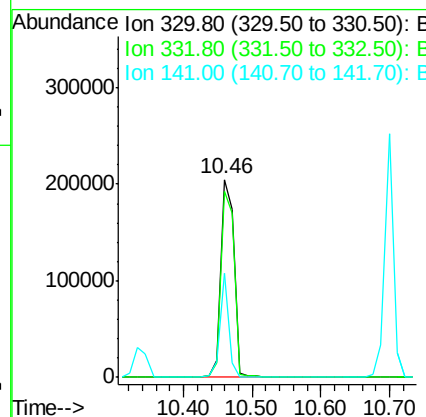
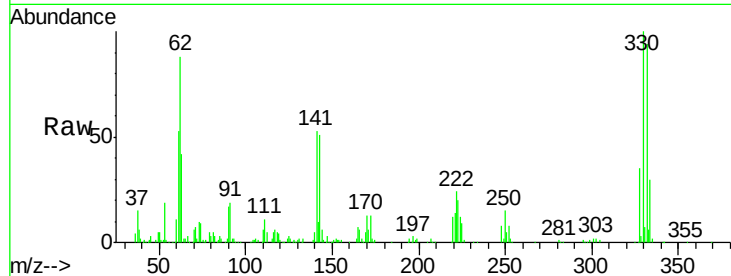
#41
 2,4,6-Tribromophenol
 Concen: 85.65 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	281356		
332	95.4	77.4	116.2	
141	34.8	34.1	51.1	

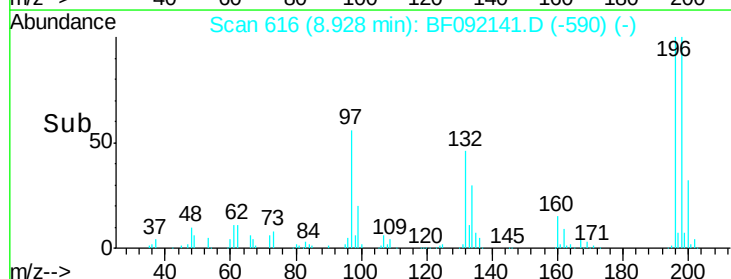
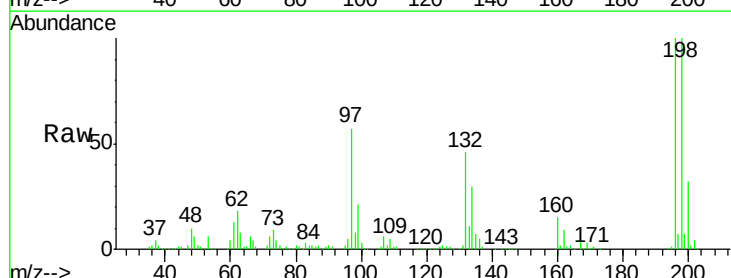
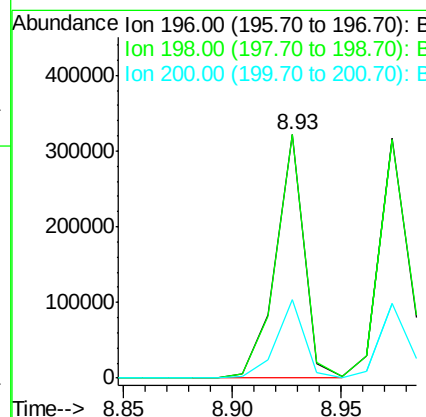
Manual Integrations
 APPROVED

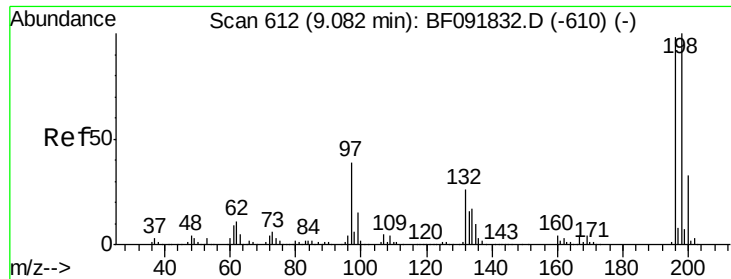
Sohil
 1/10/2017 10:01:14 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297340		
198	99.9	82.1	123.1	
200	32.4	27.0	40.4	





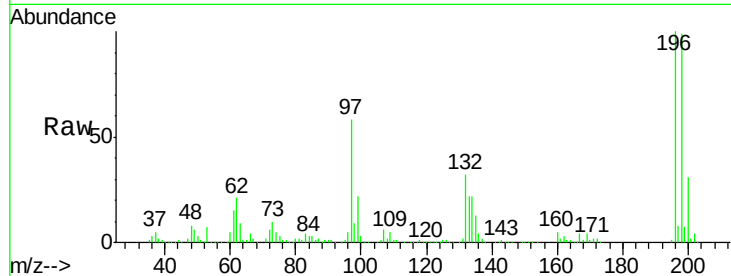
#43
 2,4,5-Trichlorophenol
 Concen: 41.23 ng
 RT: 8.97 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

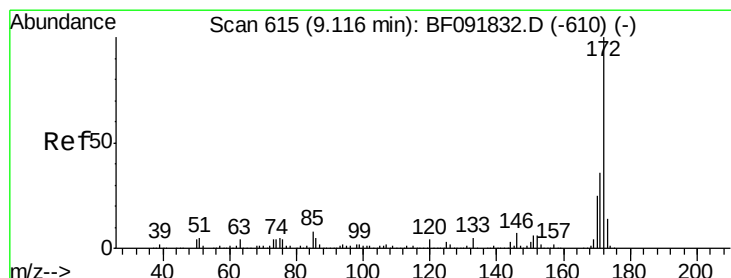
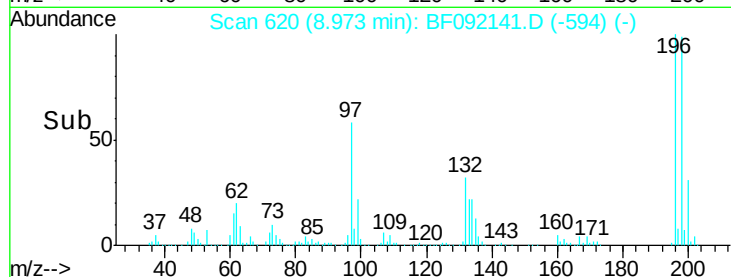
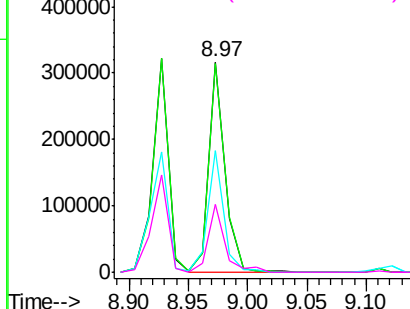
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297616		
198	99.4	79.4	119.2	
97	57.8	51.5	77.3	
132	32.2	27.4	41.2	

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:14 AM



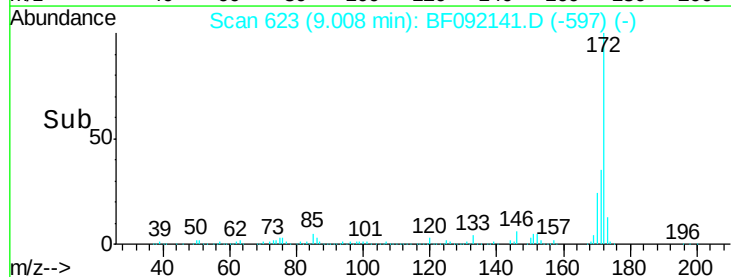
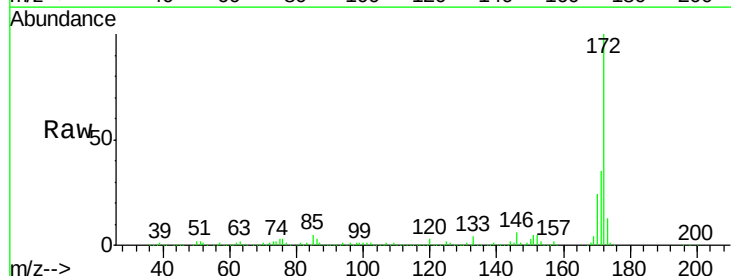
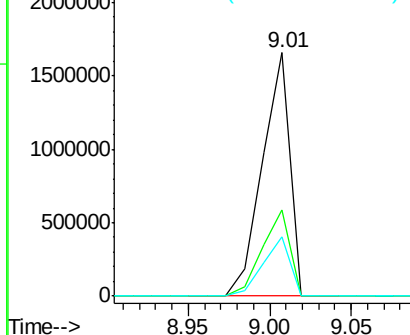
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

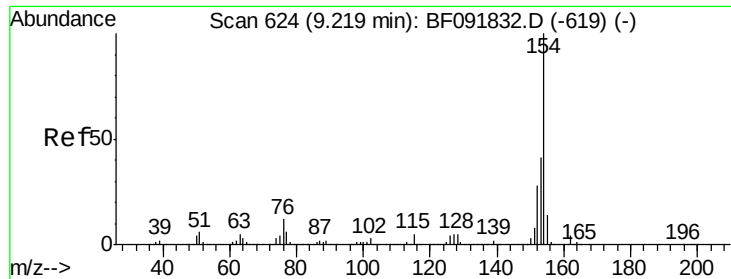


#44
 2-Fluorobiphenyl
 Concen: 103.22 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1946124		
171	35.3	29.4	44.0	
170	24.2	20.2	30.4	

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





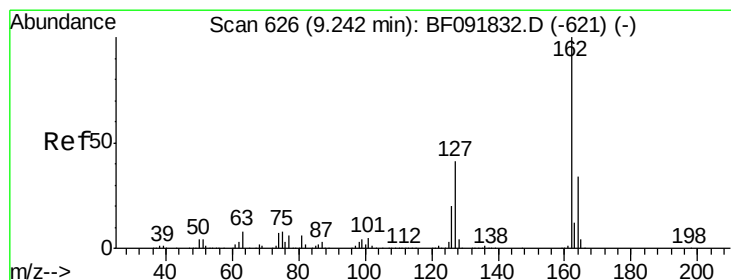
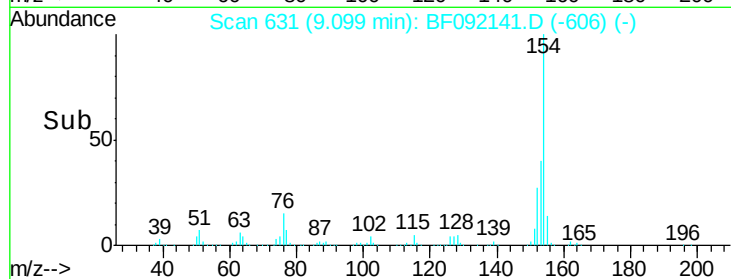
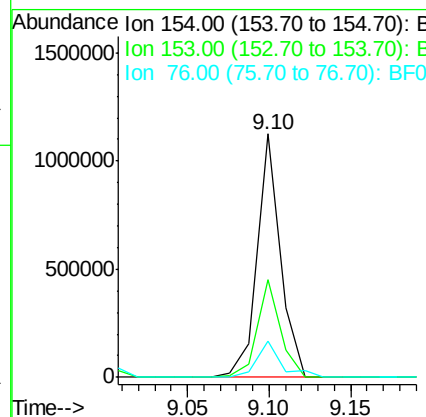
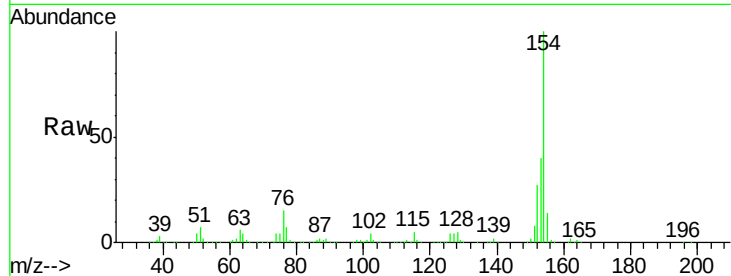
#45
 1,1'-Biphenyl
 Concen: 41.03 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	14.8	0.0	30.5

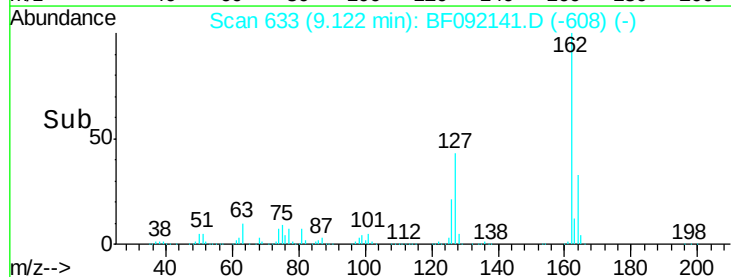
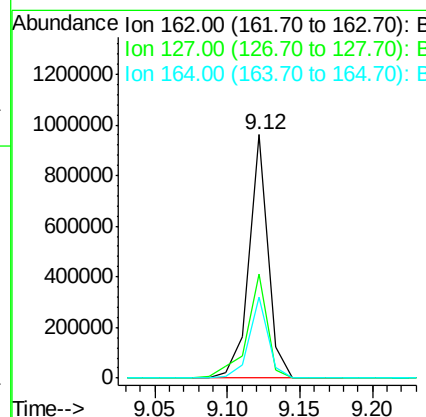
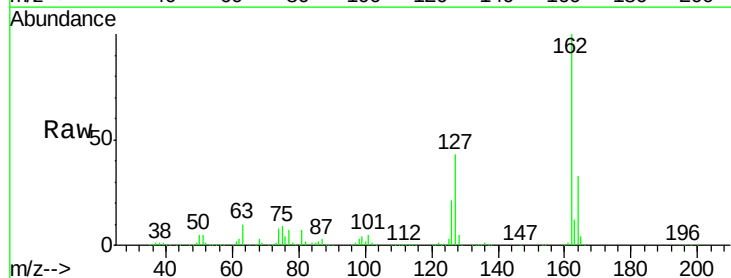
Manual Integrations
 APPROVED

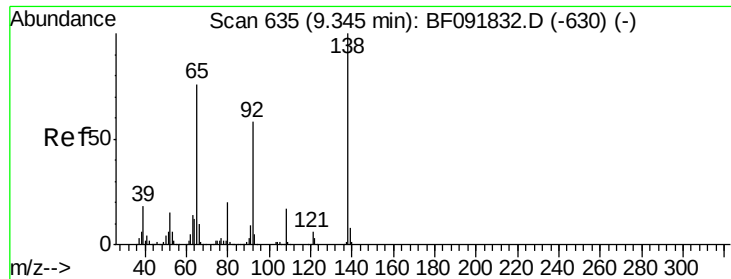
Sohil
 1/10/2017 10:01:14 AM



#46
 2-Chloronaphthalene
 Concen: 40.48 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	30.7	46.1
164	33.1	27.6	41.4





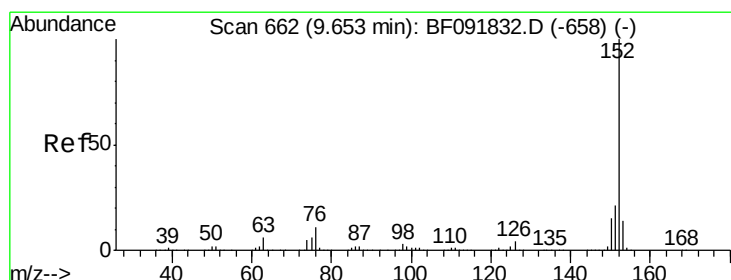
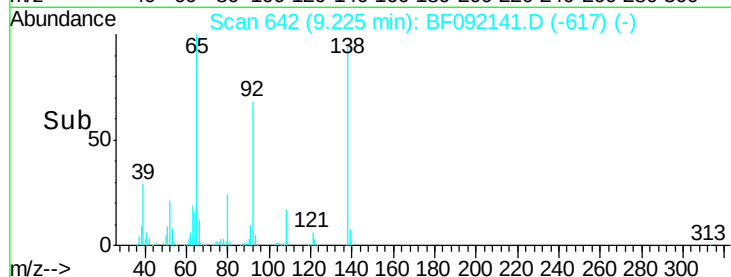
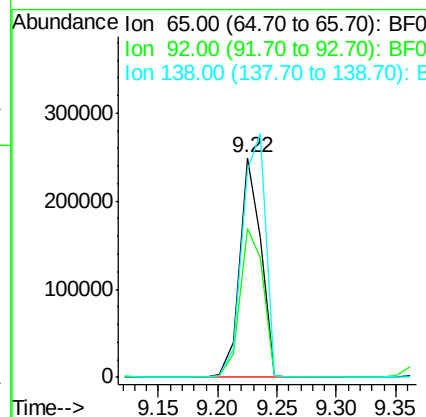
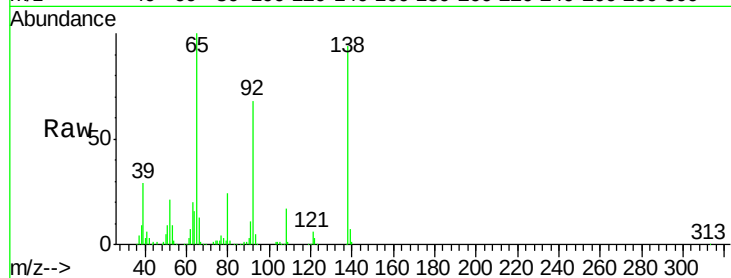
#47
2-Nitroaniline
Concen: 40.70 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	94.5	76.8	115.2

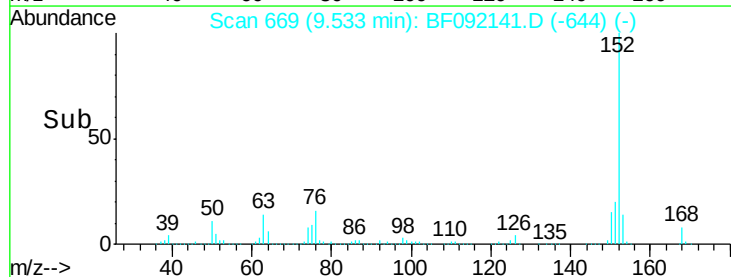
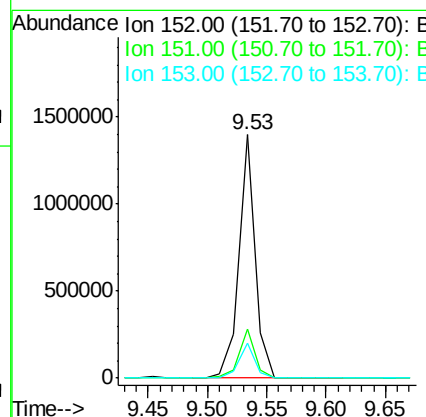
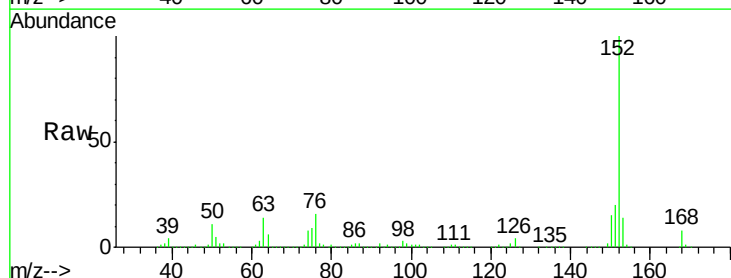
Manual Integrations
APPROVED

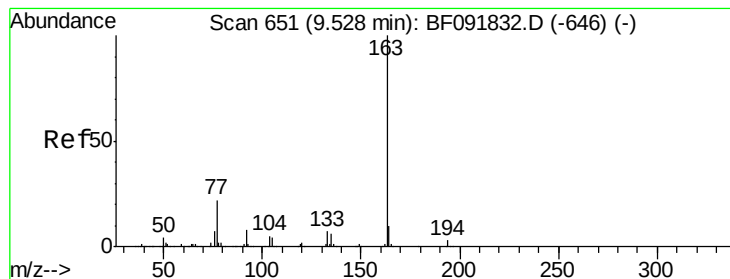
Sohil
1/10/2017 10:01:14 AM



#48
Acenaphthylene
Concen: 40.22 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	14.3	11.4	17.2





#49

Dimethylphthalate

Concen: 44.00 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

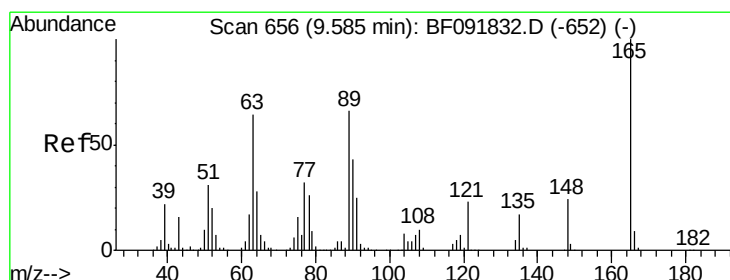
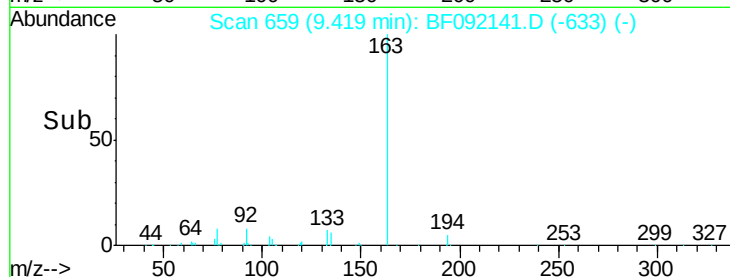
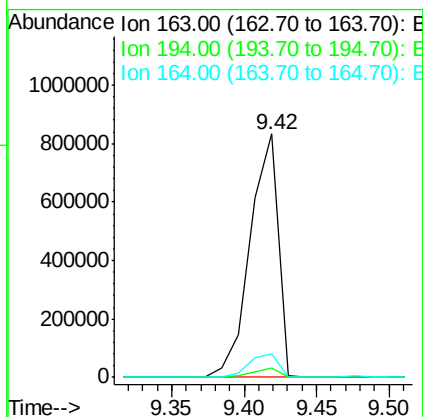
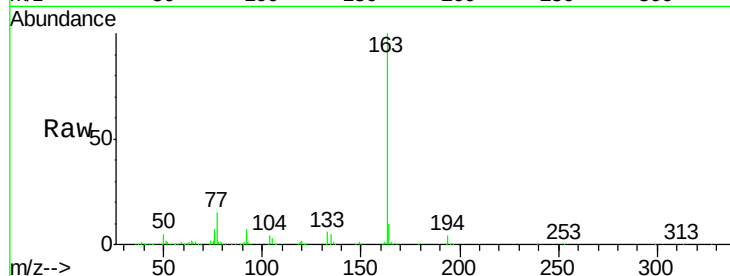
ClientSampleId :

SSTDCCC040

Tgt Ion:	163	Resp:	1116977
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	9.8	8.0	12.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#50

2,6-Dinitrotoluene

Concen: 47.44 ng

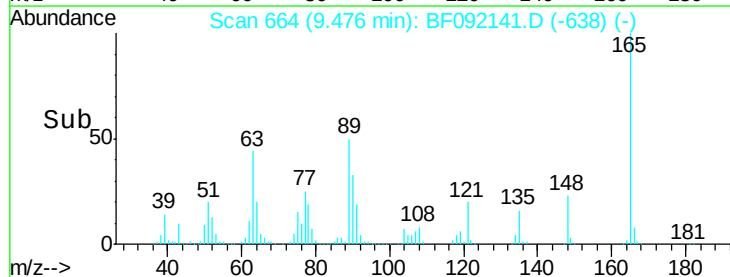
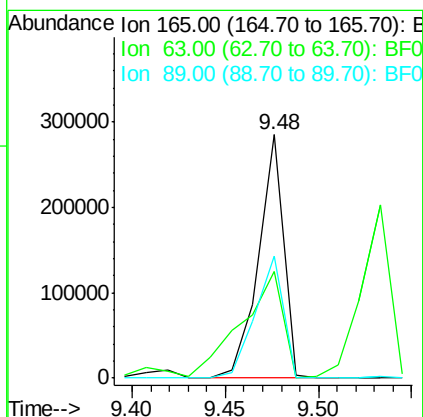
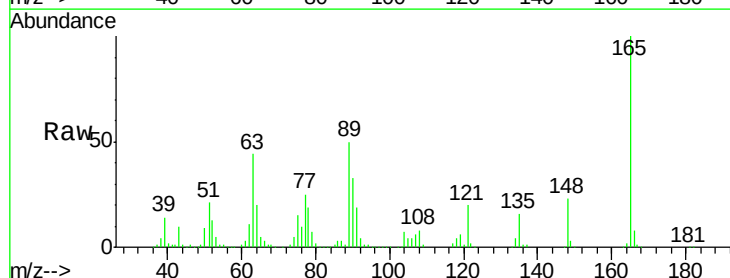
RT: 9.48 min Scan# 664

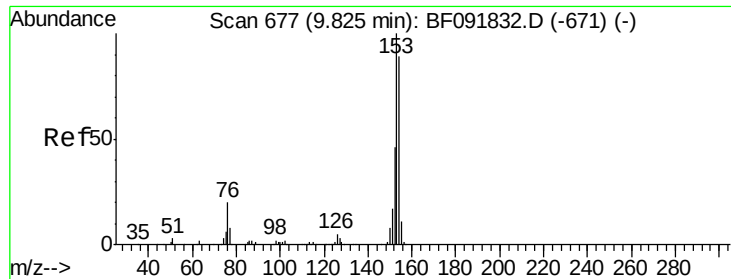
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	165	Resp:	263621
Ion Ratio	Lower	Upper	
165	100		
63	44.0	36.2	54.4
89	50.0	40.2	60.4





#51

Acenaphthene

Concen: 37.38 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

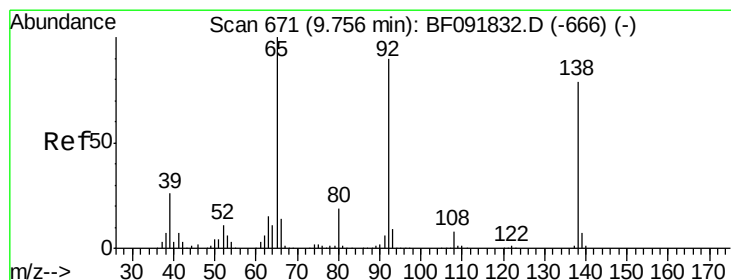
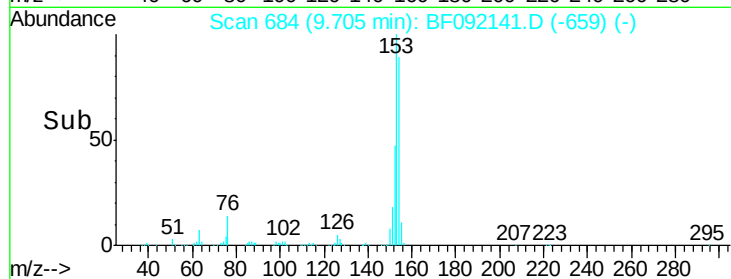
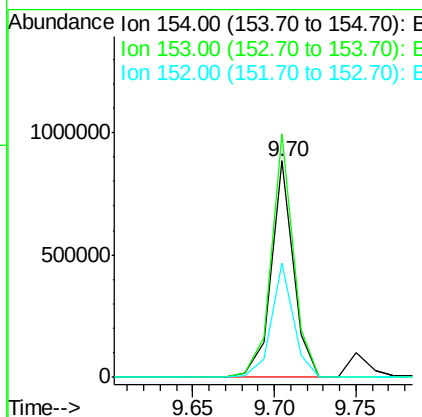
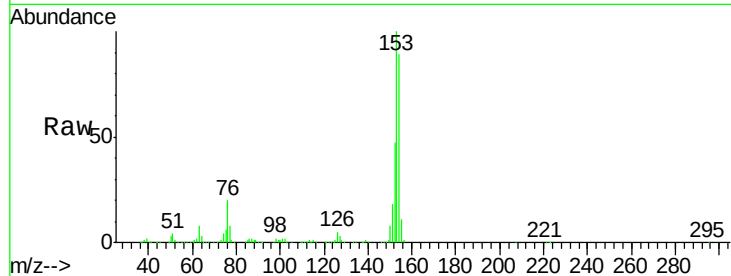
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	838990
Ion Ratio	Lower	Upper	
154	100		
153	112.5	88.6	133.0
152	52.6	41.6	62.4

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#52

3-Nitroaniline

Concen: 48.19 ng

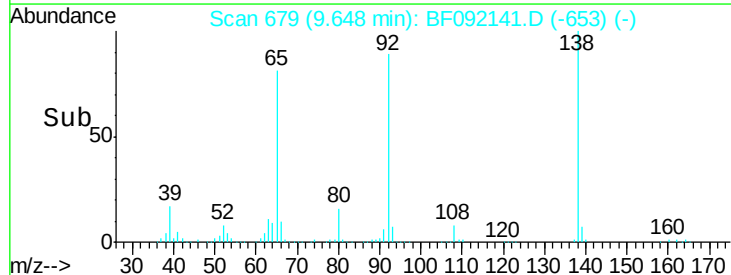
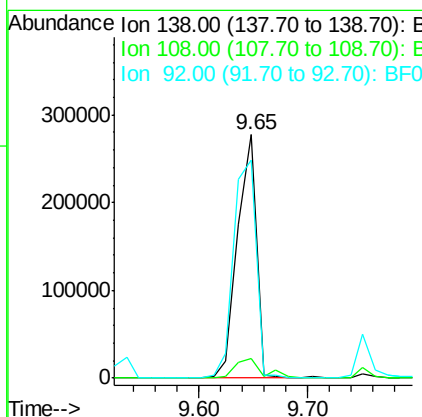
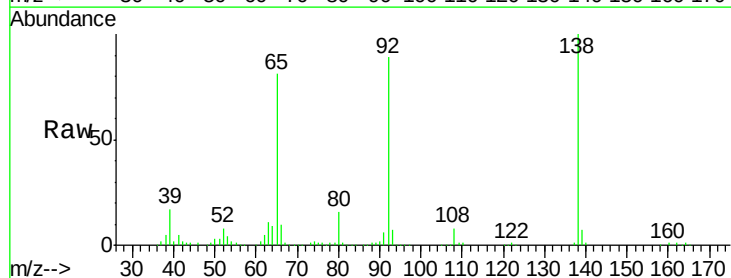
RT: 9.65 min Scan# 679

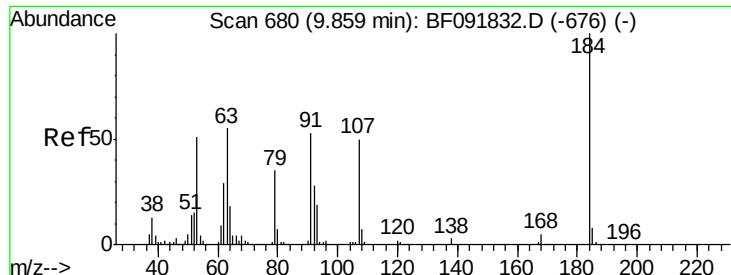
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	138	Resp:	331385
Ion Ratio	Lower	Upper	
138	100		
108	8.2	8.5	12.7#
92	89.5	97.8	146.8#





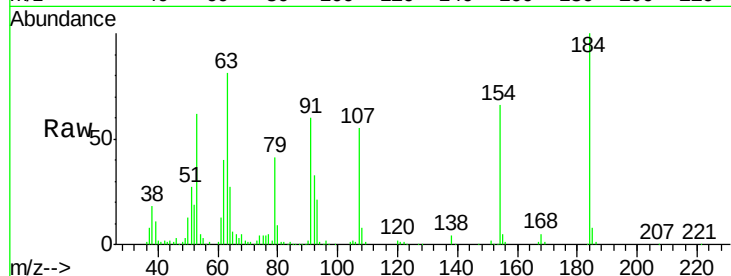
#53
2,4-Dinitrophenol
Concen: 58.97 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

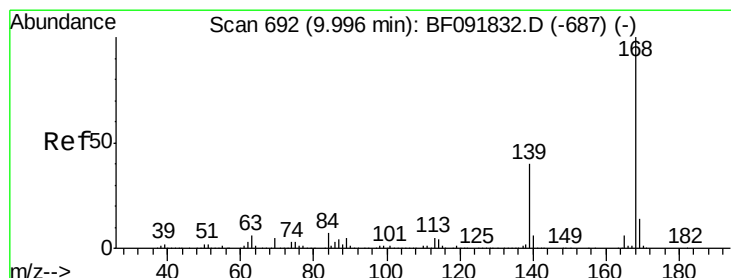
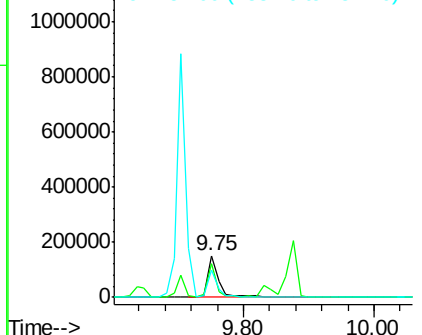
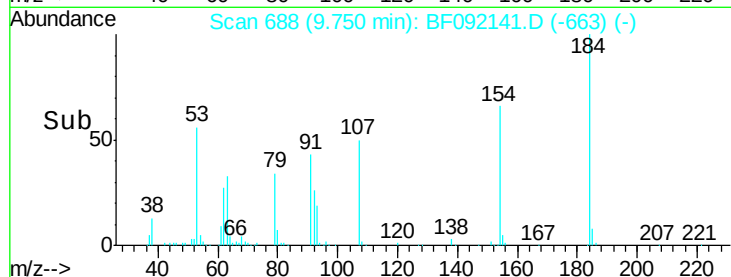
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	182325		
63	81.1	28.4	42.6#	
154	65.6	44.3	66.5	

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM

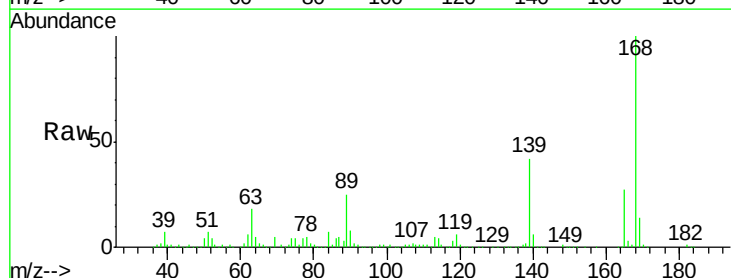


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

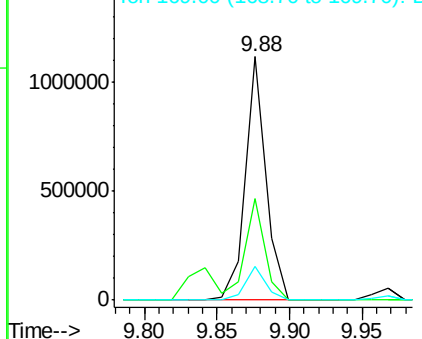
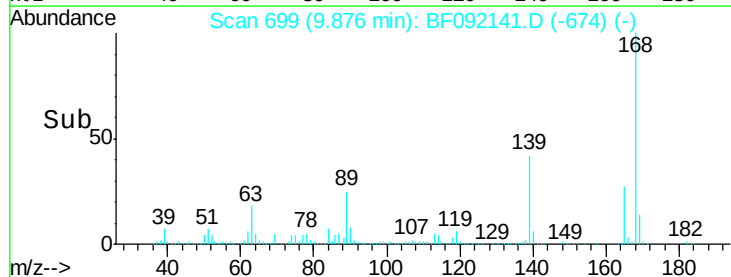


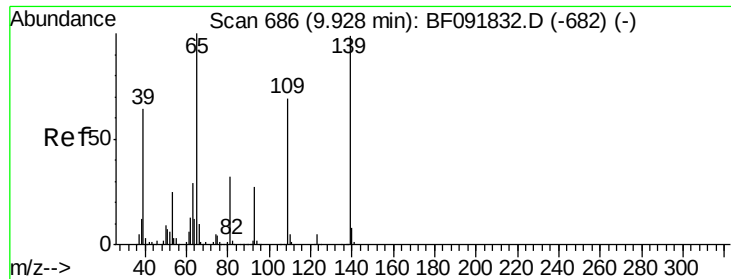
#54
Dibenzofuran
Concen: 36.19 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1096939		
139	41.7	32.6	49.0	
169	13.9	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





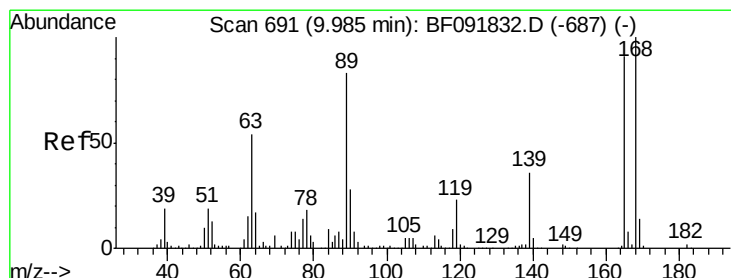
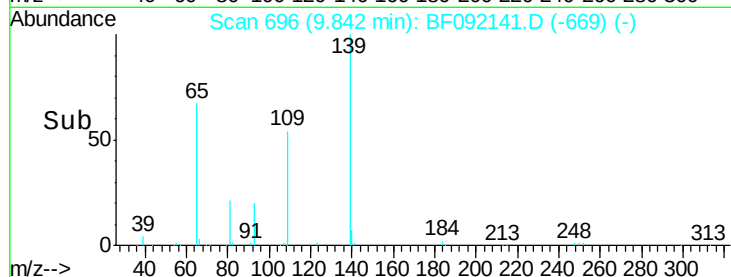
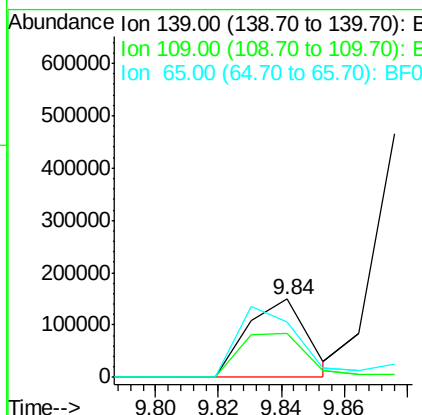
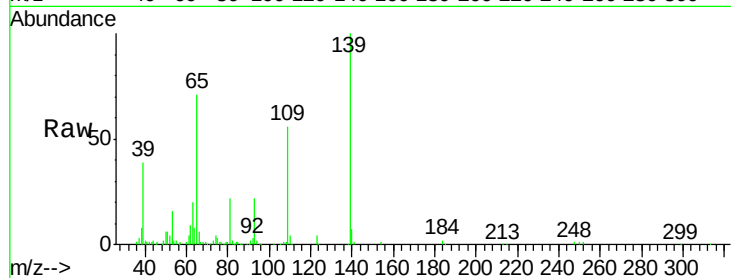
#55
4-Nitrophenol
Concen: 42.49 ng m
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.3	52.2	92.2
65	70.8	85.8	125.8

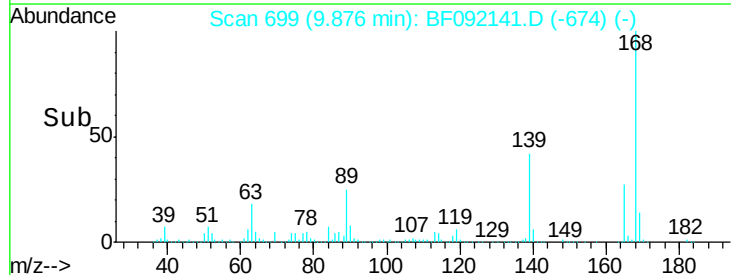
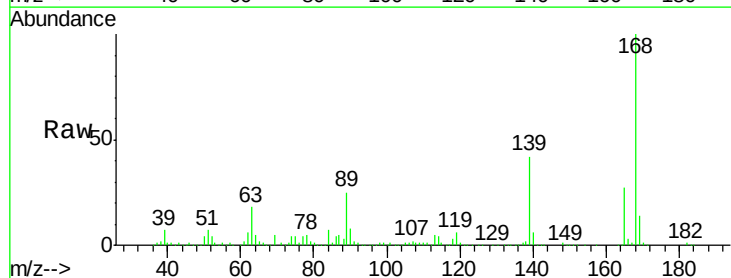
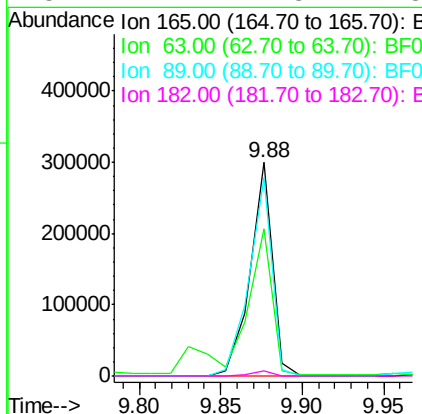
Manual Integrations
APPROVED

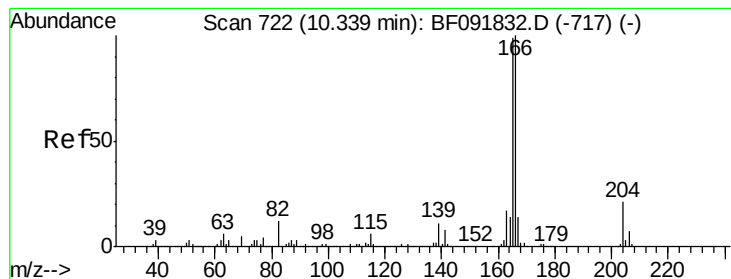
Sohil
1/10/2017 10:01:14 AM



#56
2,4-Dinitrotoluene
Concen: 40.77 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.8	40.2	60.4
89	92.9	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 41.79 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

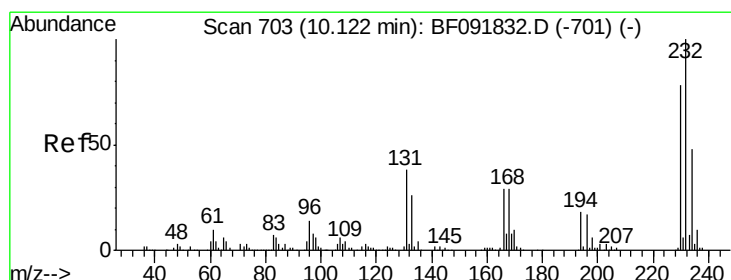
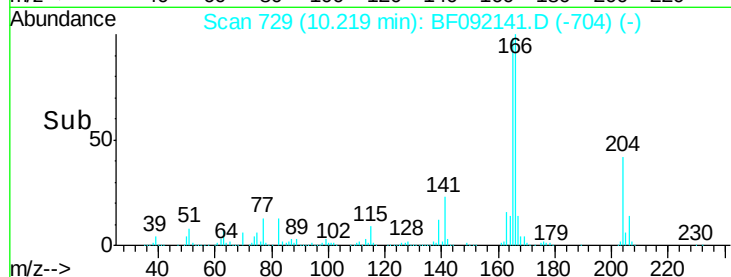
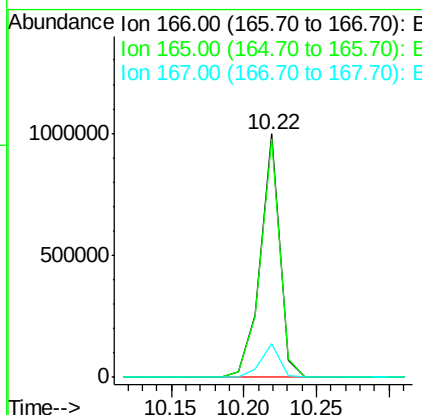
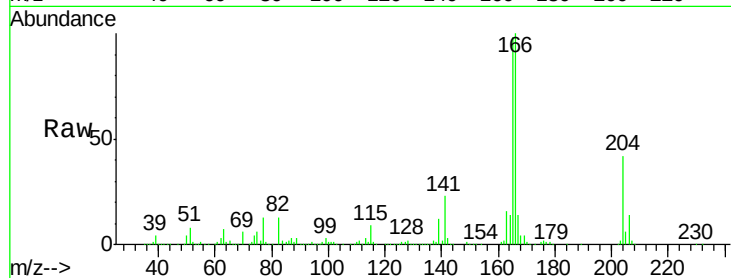
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	921433
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.8	116.8
167	13.7	10.8	16.2

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.48 ng

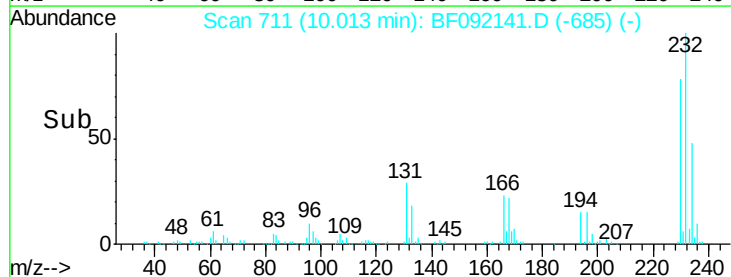
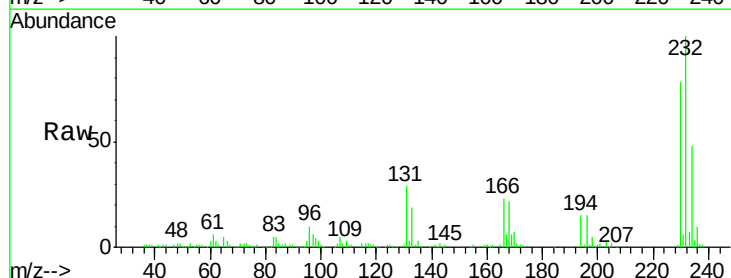
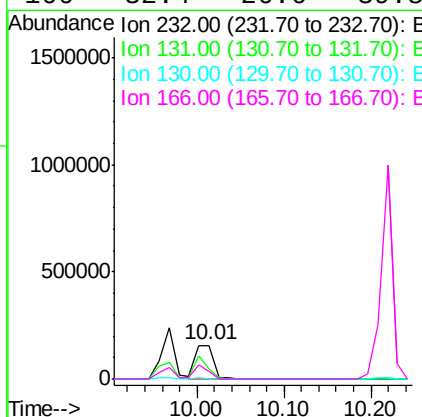
RT: 10.01 min Scan# 711

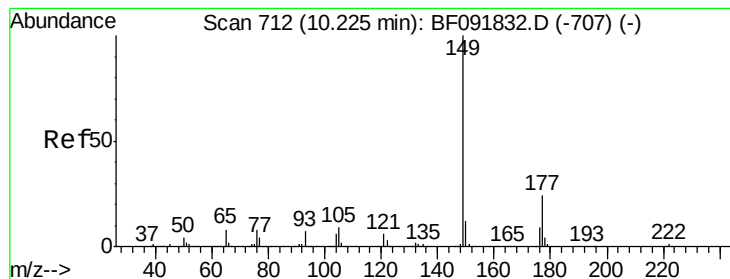
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	232	Resp:	231074
Ion Ratio	Lower	Upper	
232	100		
131	50.6	40.1	60.1
130	2.2	1.8	2.8
166	32.4	26.6	39.8





#59

Diethylphthalate

Concen: 41.43 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

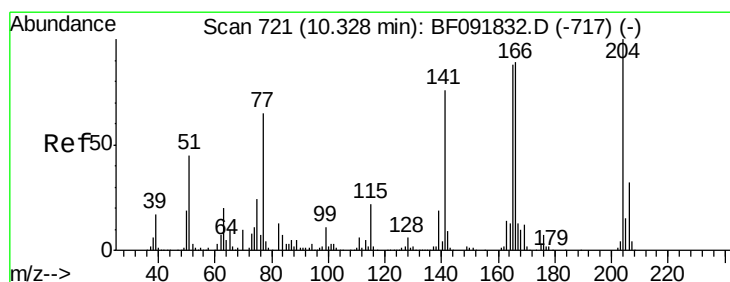
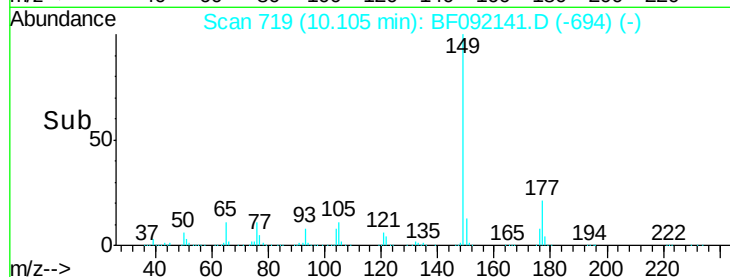
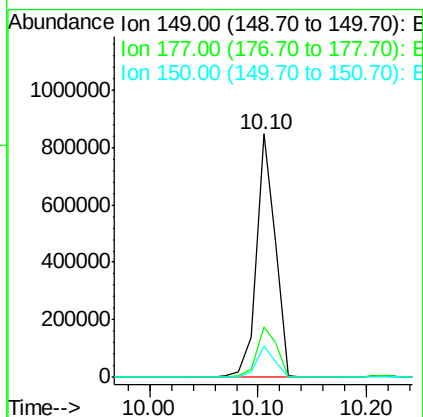
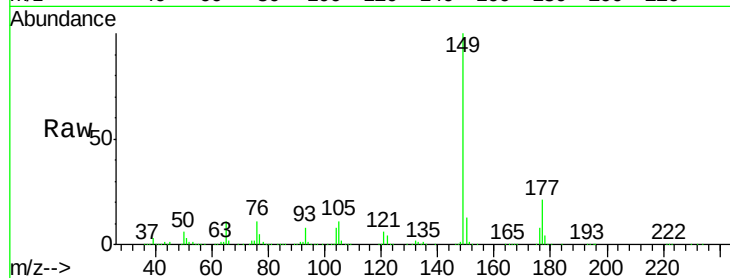
ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1021502
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.6 25.0
 150 12.7 10.4 15.6

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:14 AM



#60

4-Chlorophenyl-phenylether

Concen: 45.28 ng

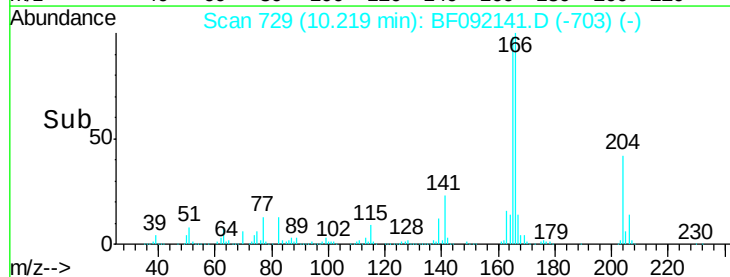
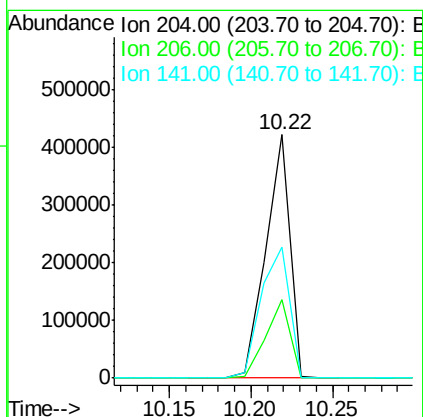
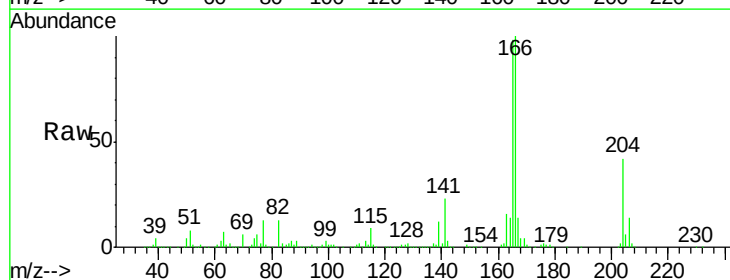
RT: 10.22 min Scan# 729

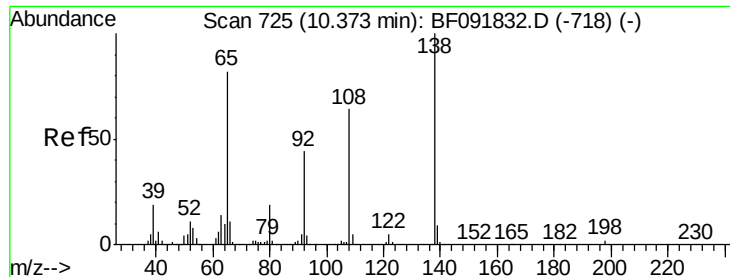
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:204 Resp: 437205
 Ion Ratio Lower Upper
 204 100
 206 32.1 25.8 38.6
 141 53.9 59.4 89.0#





#61

4-Nitroaniline

Concen: 40.58 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

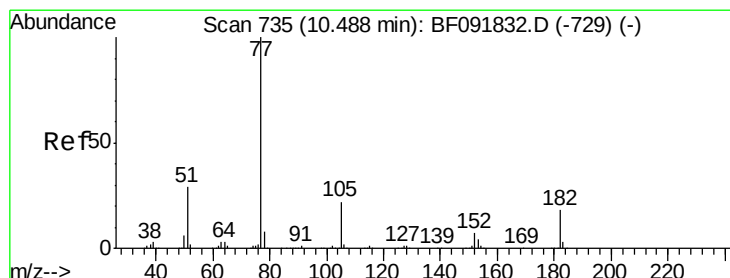
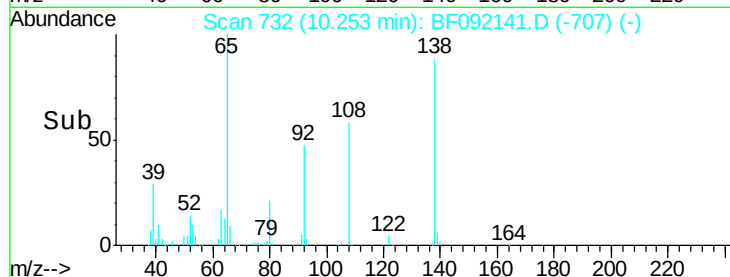
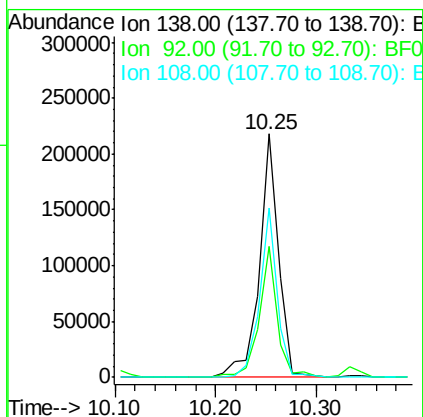
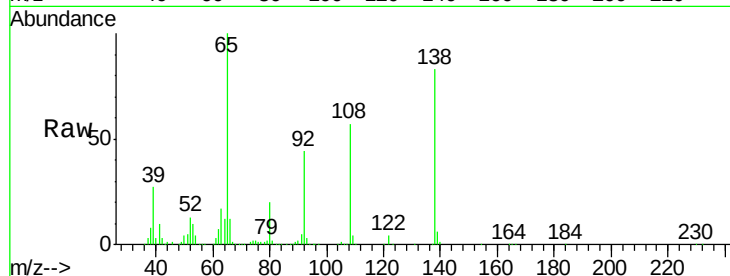
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	289206
Ion Ratio	Lower	Upper	
138	100		
92	53.8	31.7	71.7
108	69.4	52.6	92.6

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#62

Azobenzene

Concen: 43.43 ng

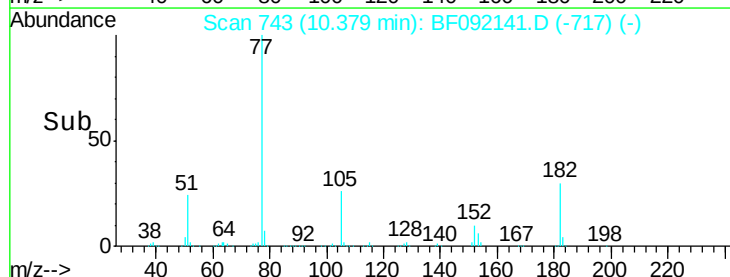
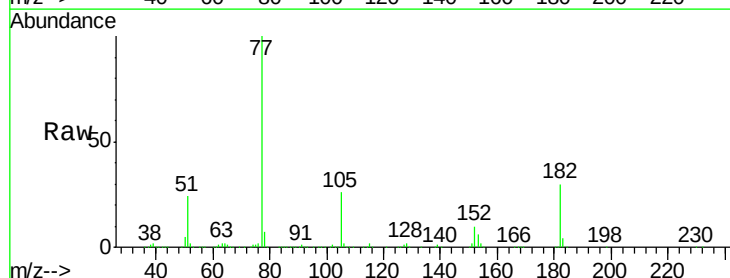
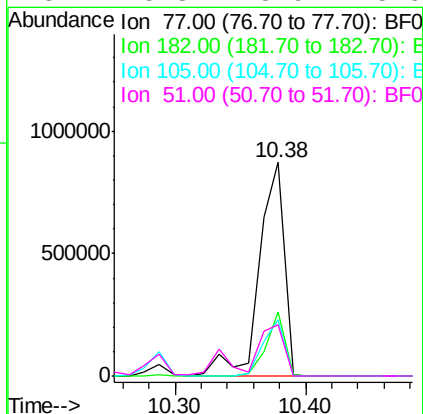
RT: 10.38 min Scan# 743

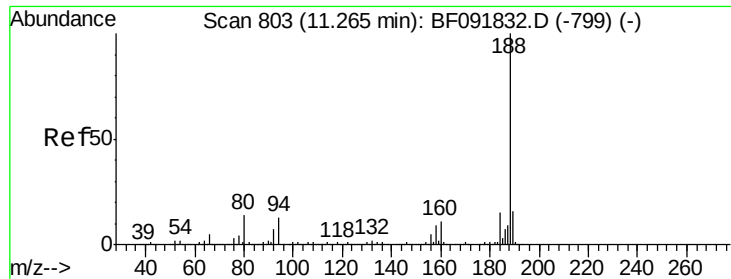
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	77	Resp:	1178927
Ion Ratio	Lower	Upper	
77	100		
182	30.2	0.0	39.3
105	26.1	2.3	42.3
51	23.8	8.9	48.9





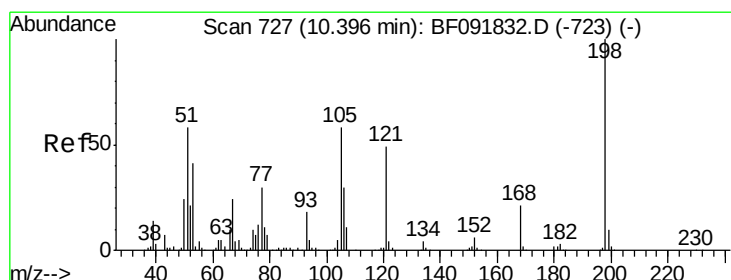
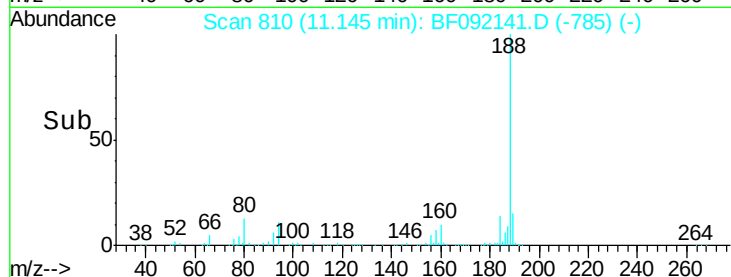
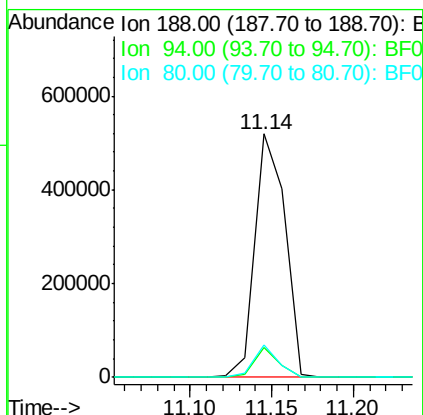
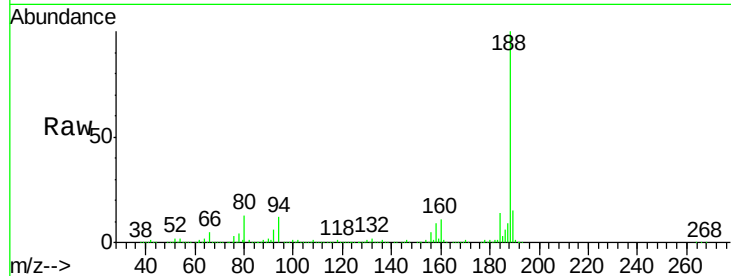
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	669044		
94	12.0		10.0	15.0
80	13.5		11.2	16.8

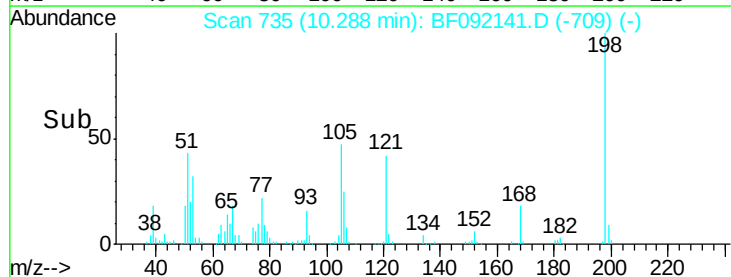
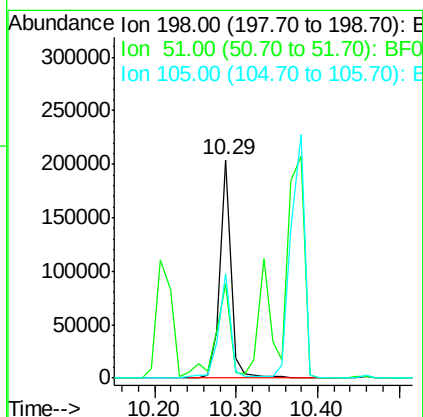
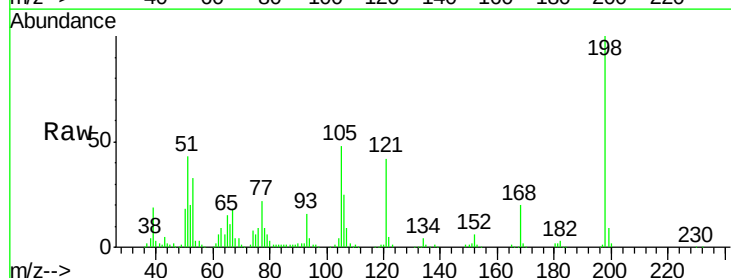
Manual Integrations
APPROVED

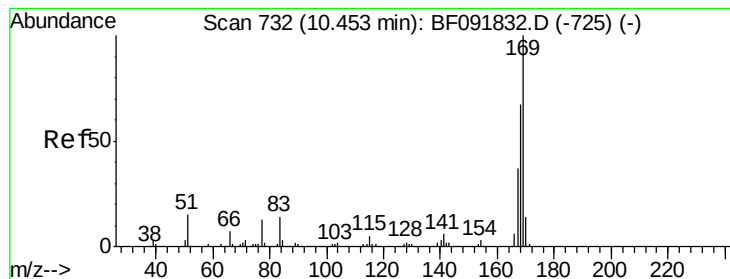
Sohil
1/10/2017 10:01:14 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.21 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	195042		
51	43.2		6.7	46.7
105	47.5		16.6	56.6





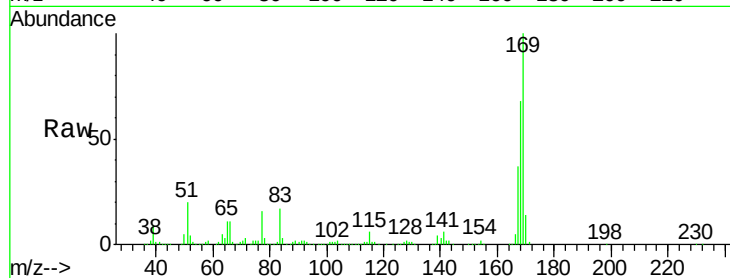
#65
 n-Nitrosodiphenylamine
 Concen: 41.95 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

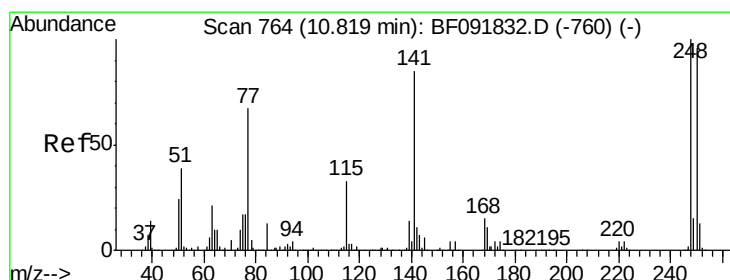
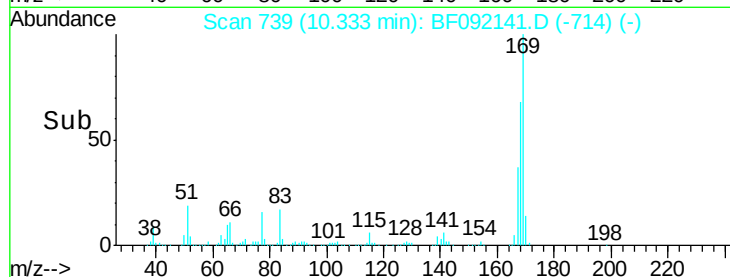
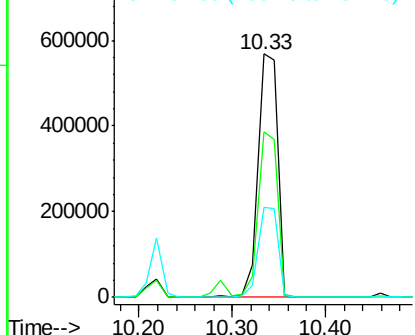
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	832778		
168	67.8	54.2	81.2	
167	36.9	30.2	45.4	

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:14 AM



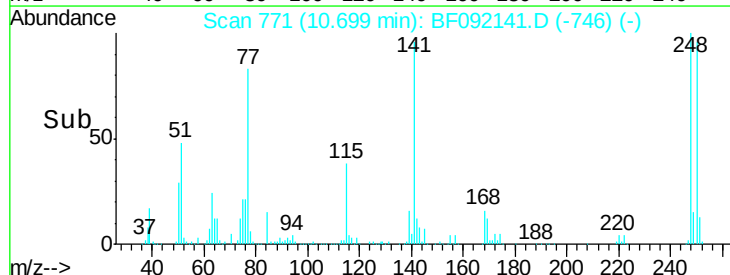
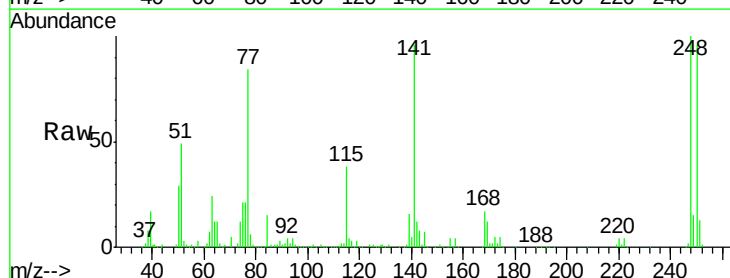
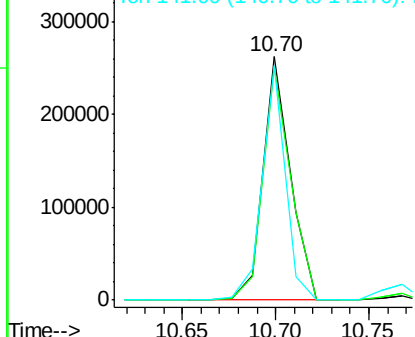
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

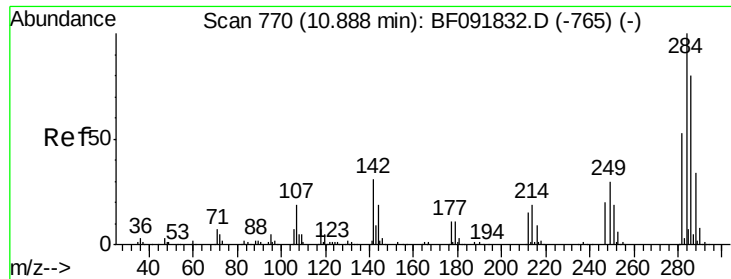


#66
 4-Bromophenyl-phenylether
 Concen: 37.96 ng
 RT: 10.70 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	264192		
250	95.8	76.9	115.3	
141	96.1	68.2	102.4	

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





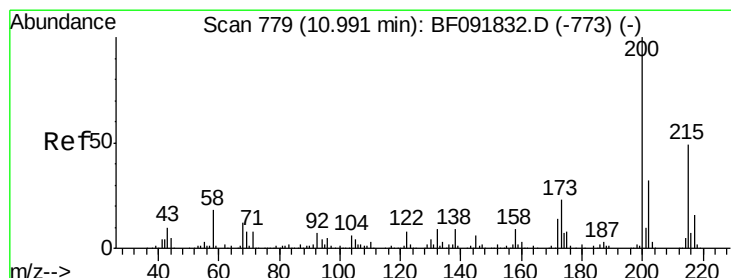
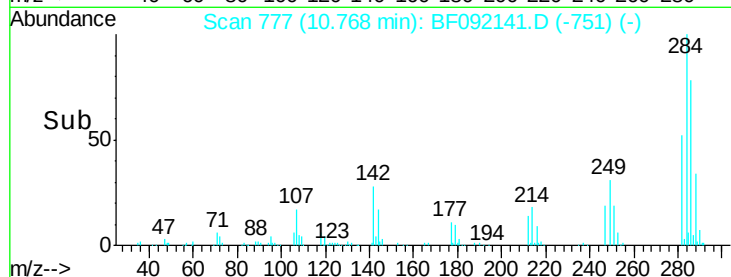
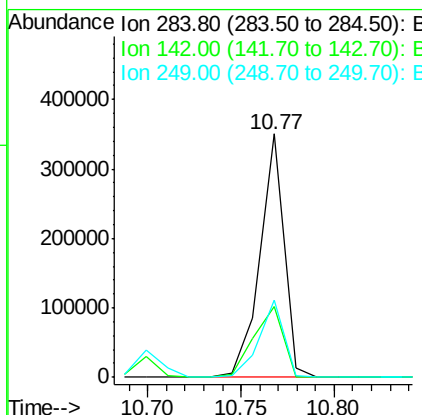
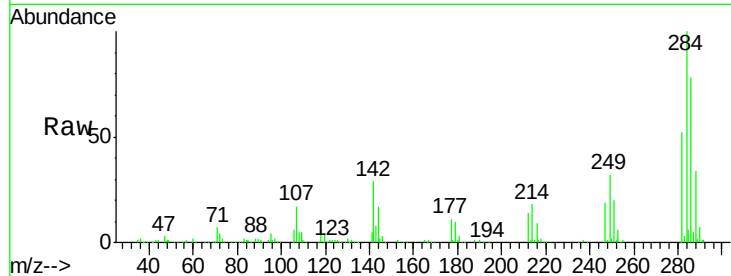
#67
Hexachlorobenzene
Concen: 42.04 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	312730		
142	29.0	22.6	33.8	
249	31.8	25.4	38.0	

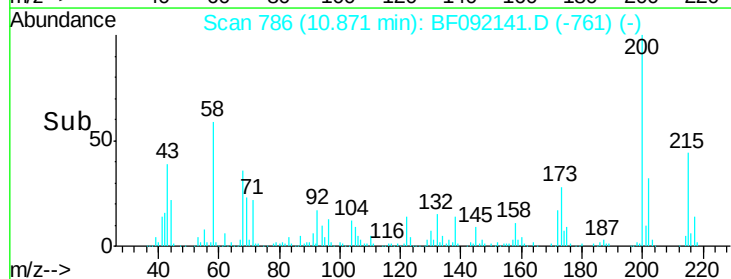
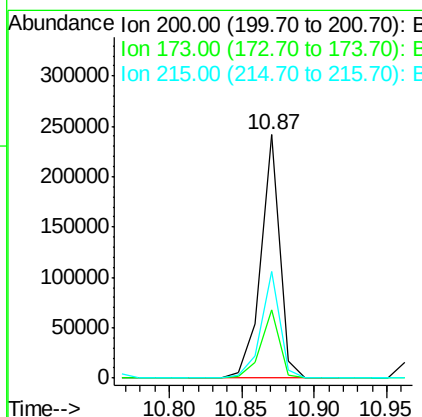
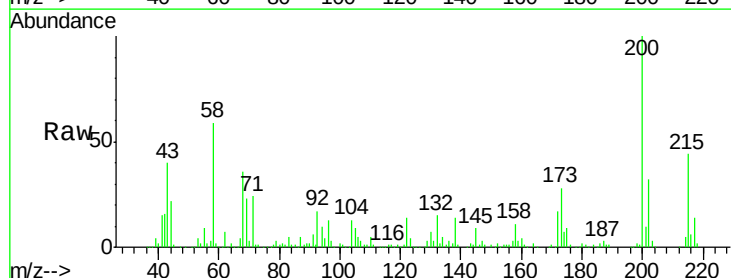
Manual Integrations
APPROVED

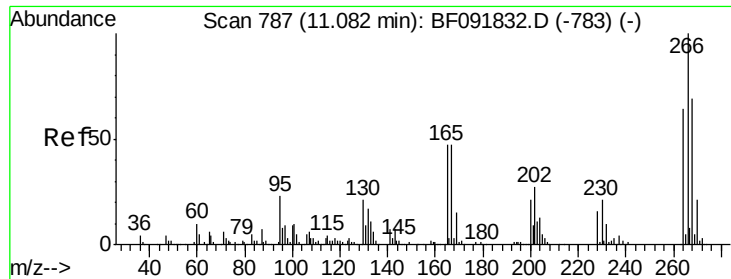
Sohil
1/10/2017 10:01:14 AM



#68
Atrazine
Concen: 34.18 ng
RT: 10.87 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218861		
173	28.2	9.6	49.6	
215	43.8	25.7	65.7	





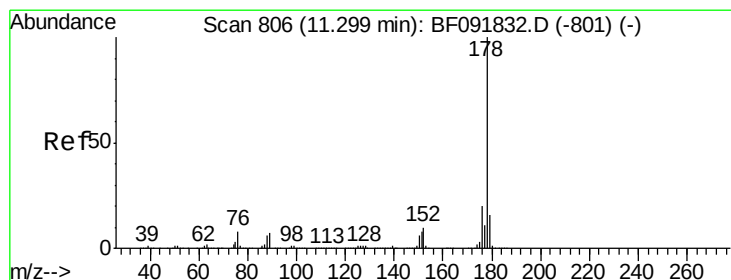
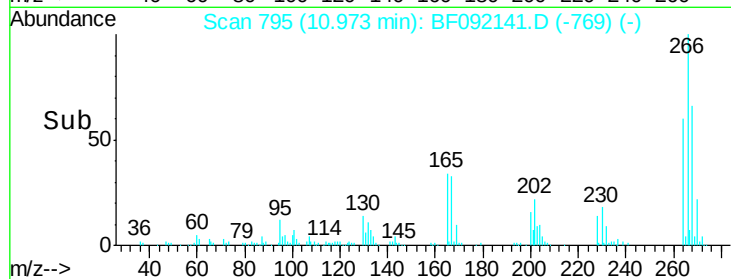
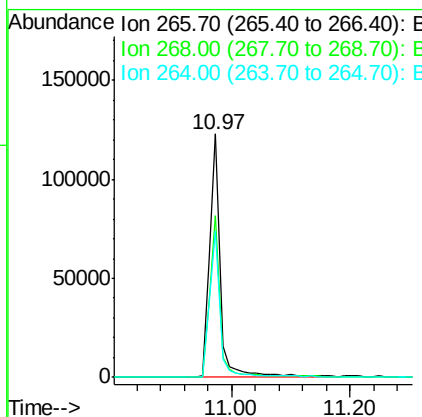
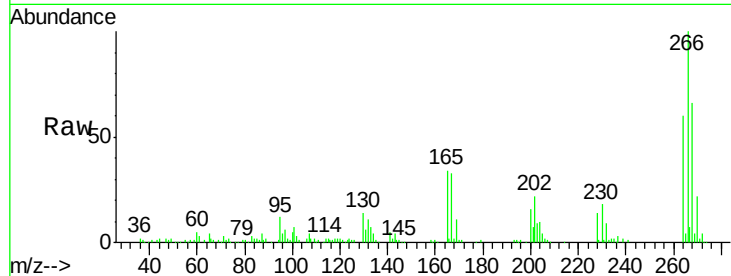
#69
 Pentachlorophenol
 Concen: 42.40 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.3	79.9
264	60.2	50.3	75.5

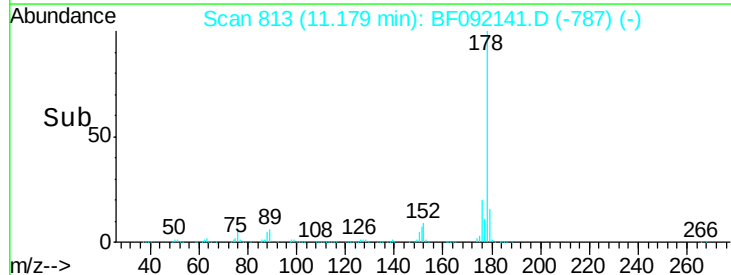
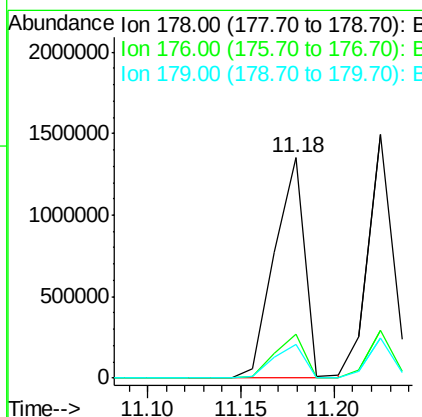
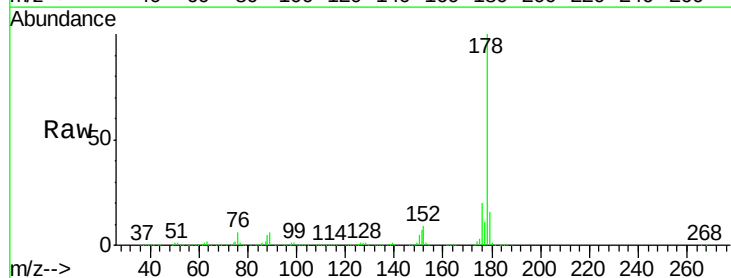
Manual Integrations
 APPROVED

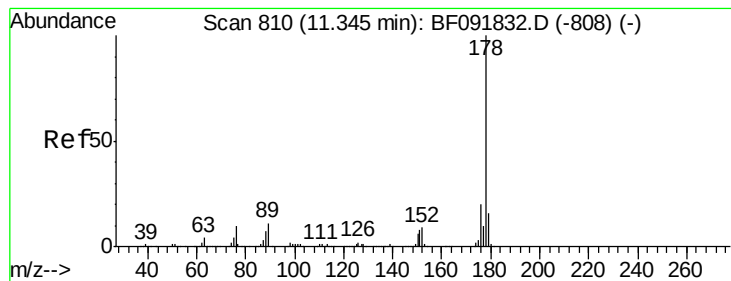
Sohil
 1/10/2017 10:01:14 AM



#70
 Phenanthrene
 Concen: 41.99 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.6	12.8	19.2





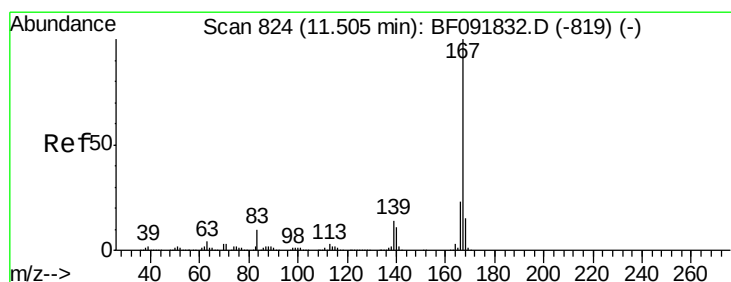
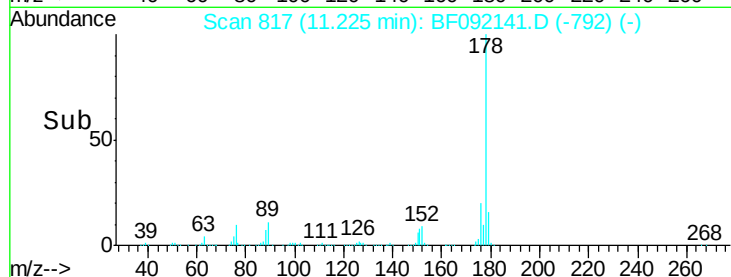
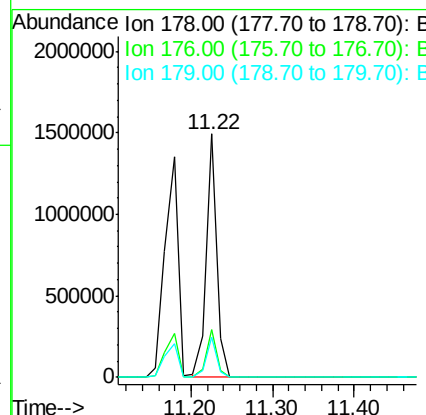
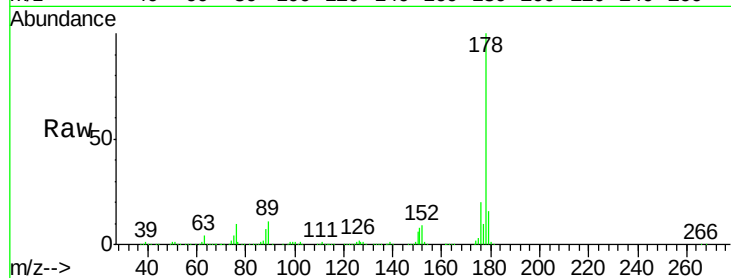
#71
 Anthracene
 Concen: 41.57 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1372432
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.2 13.2 19.8

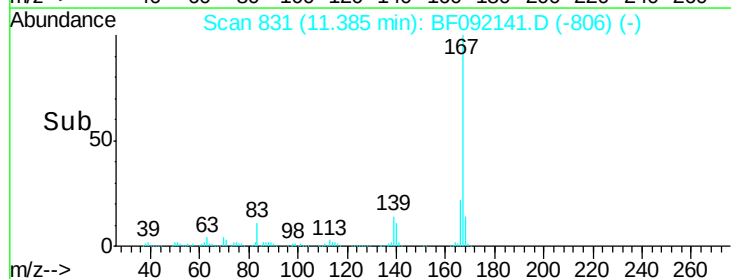
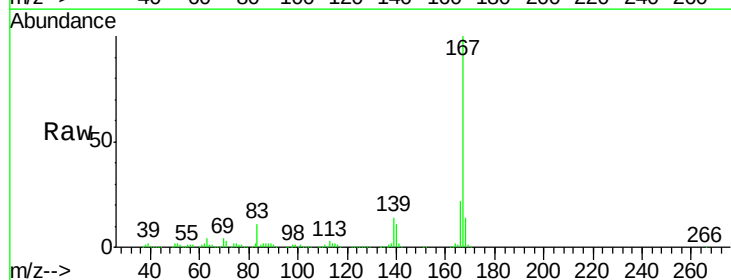
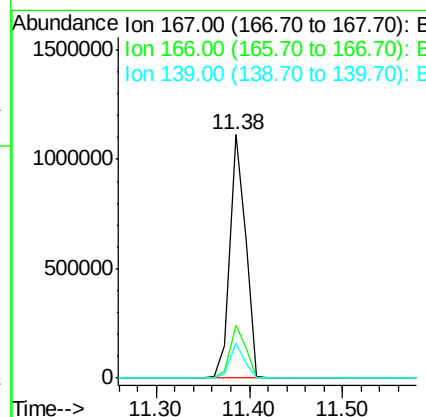
Manual Integrations
 APPROVED

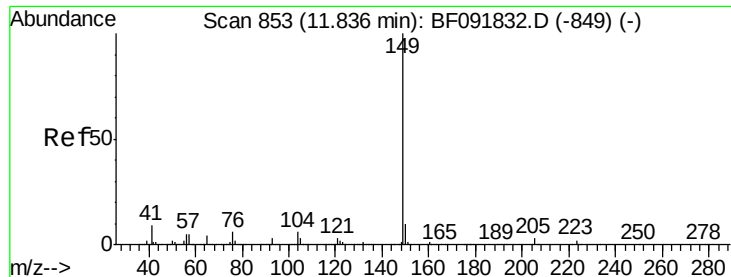
Sohil
 1/10/2017 10:01:14 AM



#72
 Carbazole
 Concen: 43.08 ng
 RT: 11.38 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion:167 Resp: 1311561
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 14.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 48.29 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

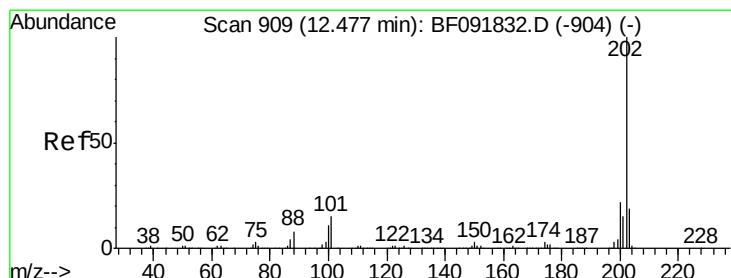
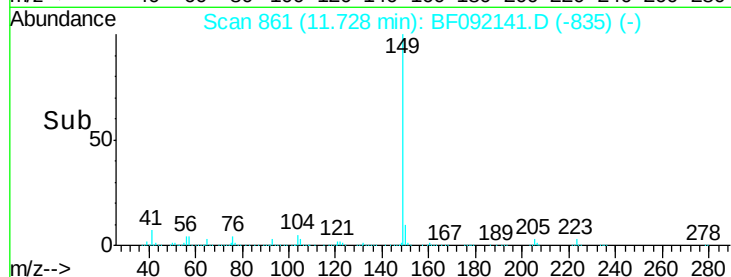
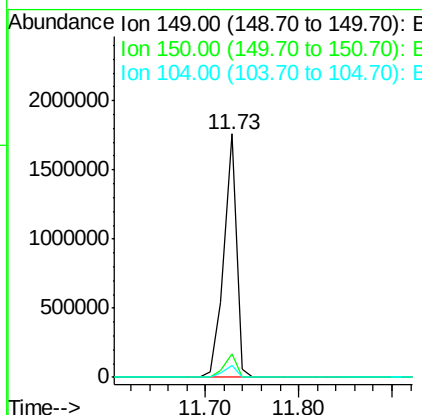
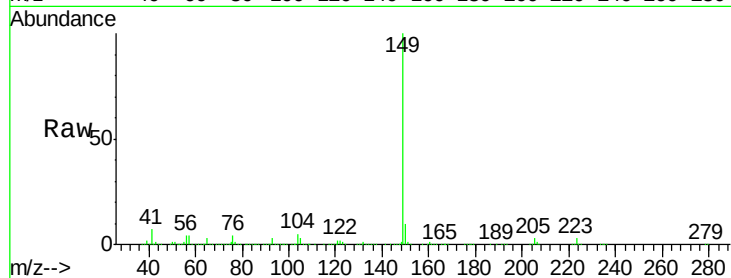
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1649544
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.1	12.1
104	4.9	4.6	7.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#74

Fluoranthene

Concen: 44.76 ng

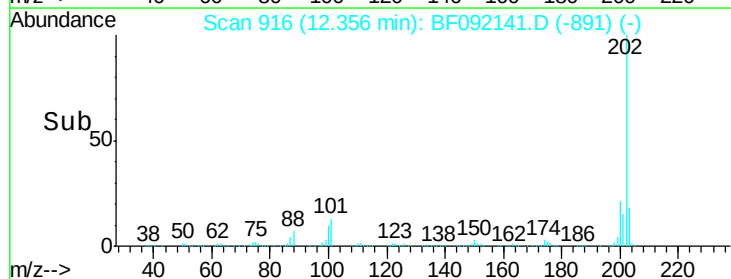
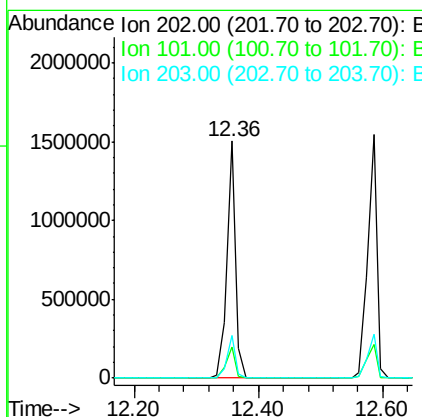
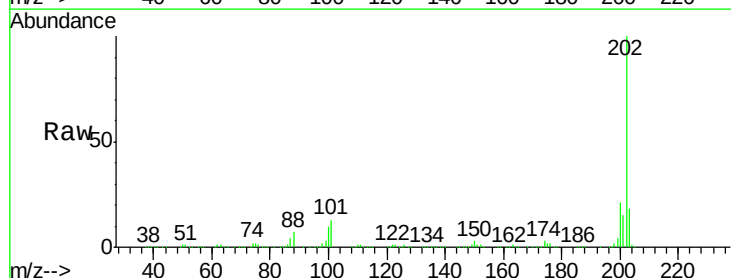
RT: 12.36 min Scan# 916

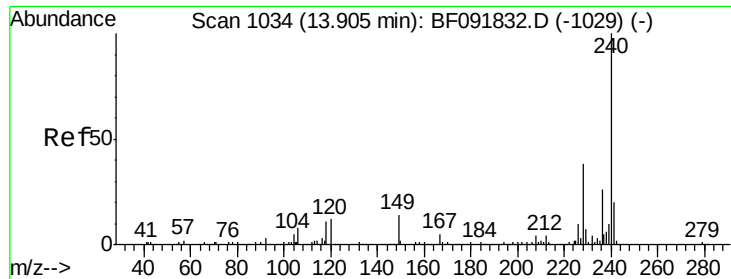
Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	202	Resp:	1425295
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.6
203	18.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

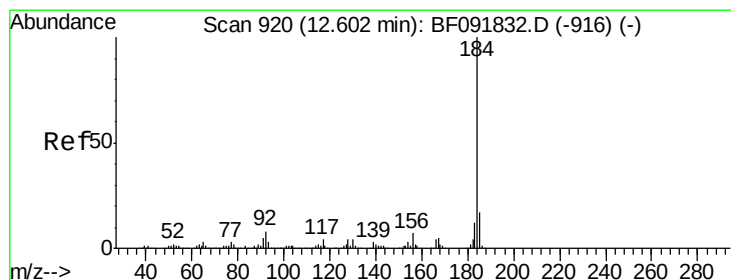
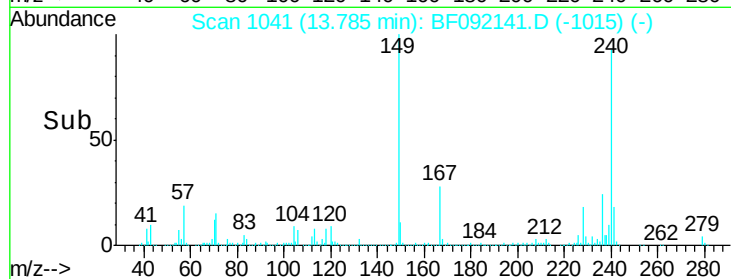
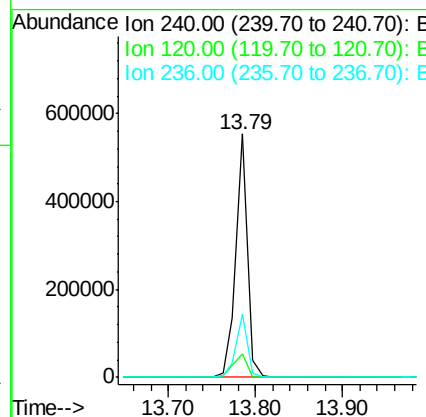
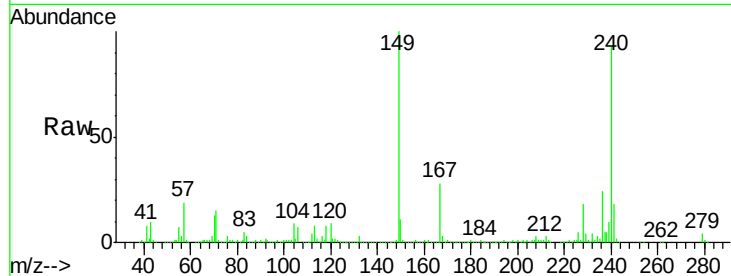
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	513346		
120	9.9	12.9	19.3	
236	26.1	20.9	31.3	

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#76

Benzidine

Concen: 45.01 ng

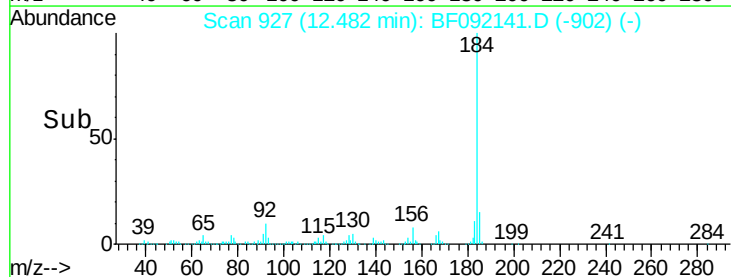
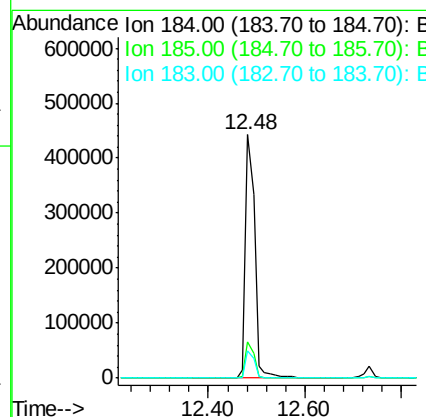
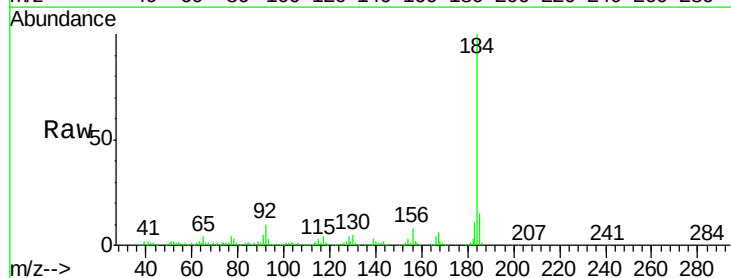
RT: 12.48 min Scan# 927

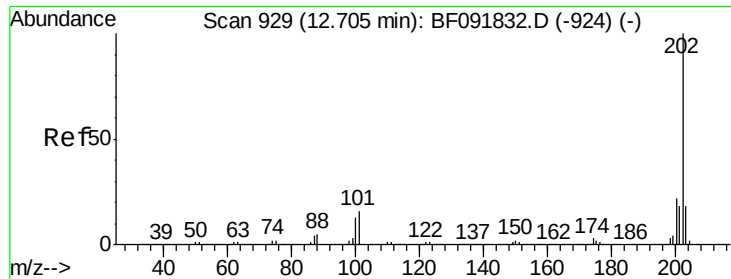
Delta R.T. -0.01 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	588079		
185	14.8	13.4	20.0	
183	11.5	9.2	13.8	





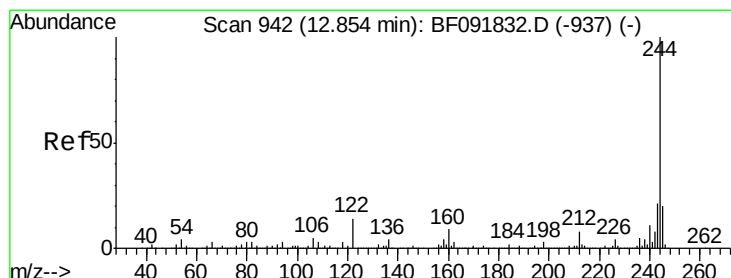
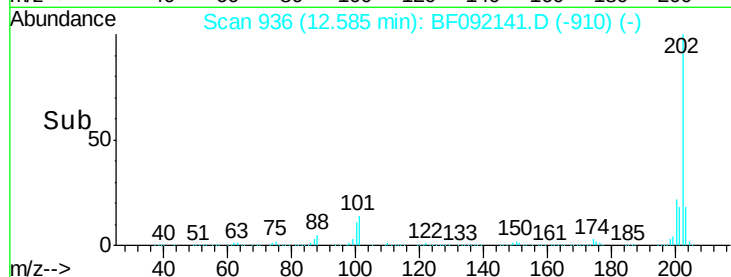
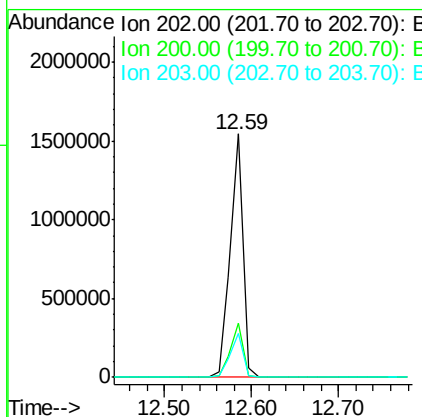
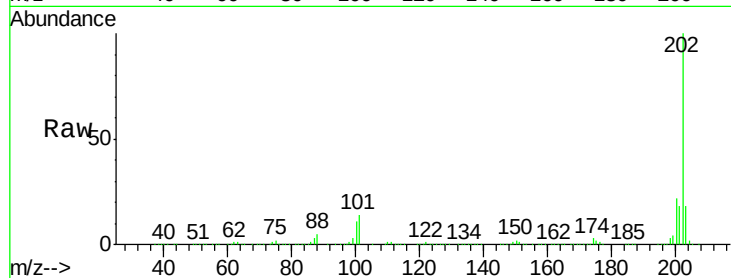
#77
Pyrene
 Concen: 41.67 ng
 RT: 12.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1569431
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 18.1 14.7 22.1

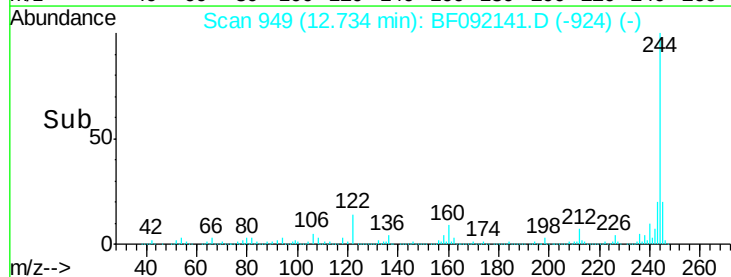
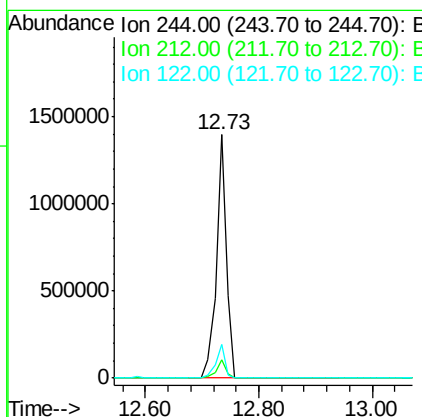
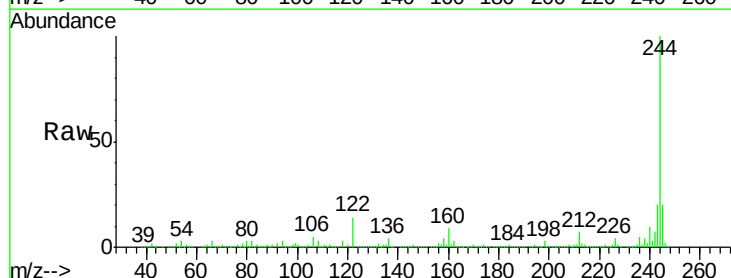
Manual Integrations
 APPROVED

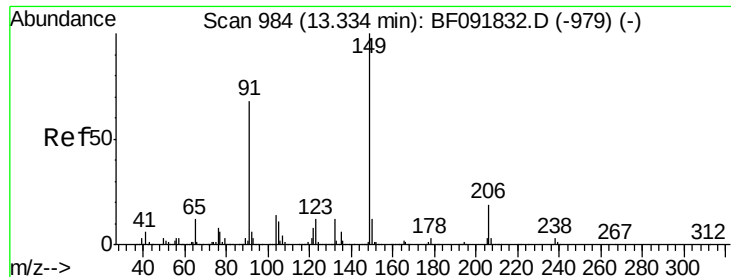
Sohil
 1/10/2017 10:01:14 AM



#78
Terphenyl-d14
 Concen: 79.30 ng
 RT: 12.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion: 244 Resp: 1678473
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.0 11.4 17.2





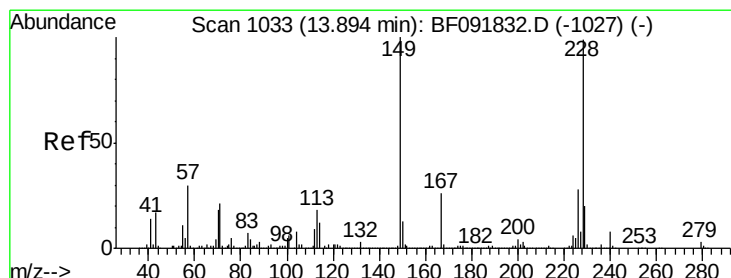
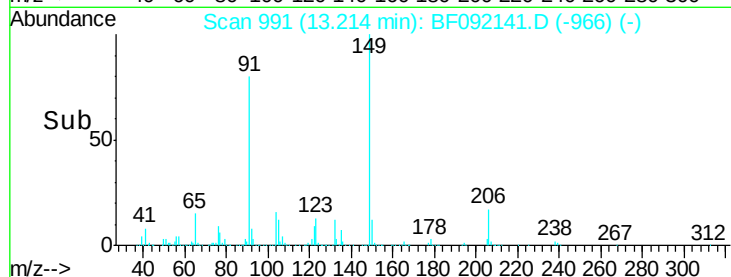
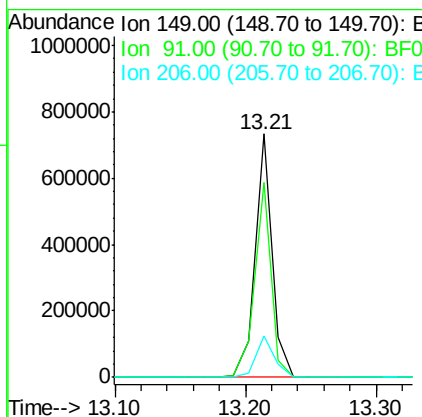
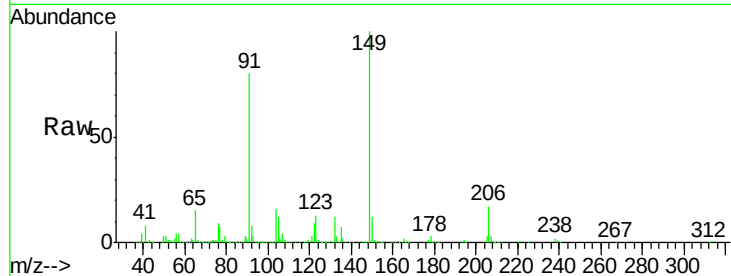
#79
Butylbenzylphthalate
Concen: 38.93 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	80.3	63.9	95.9
206	17.1	14.6	21.8

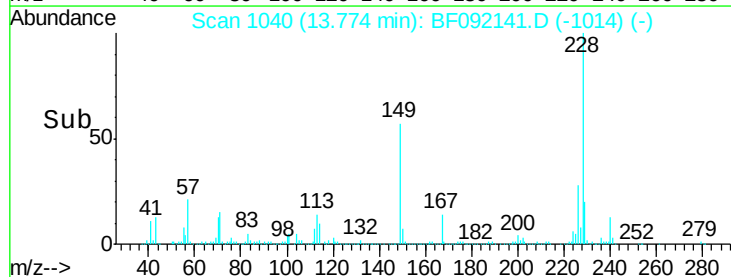
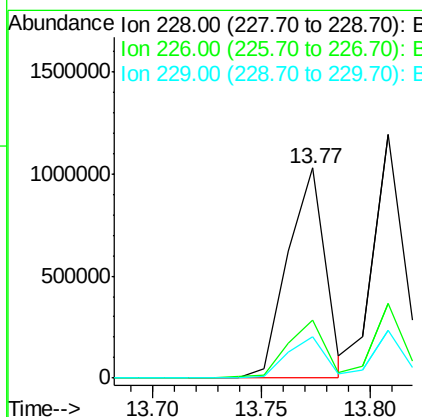
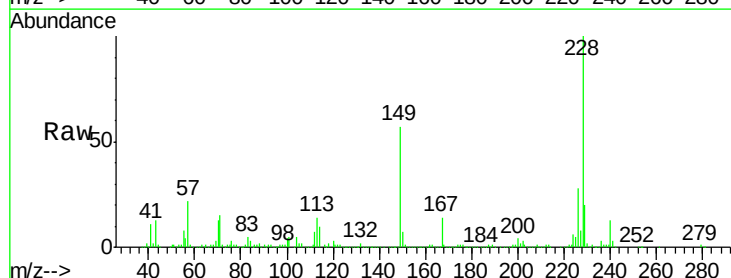
Manual Integrations
APPROVED

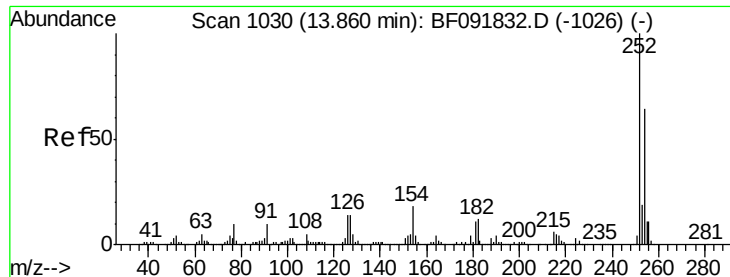
Sohil
1/10/2017 10:01:14 AM



#80
Benzo(a)anthracene
Concen: 42.77 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.4	33.6
229	19.7	16.2	24.4





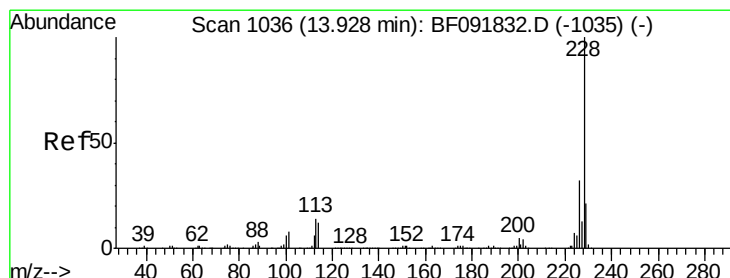
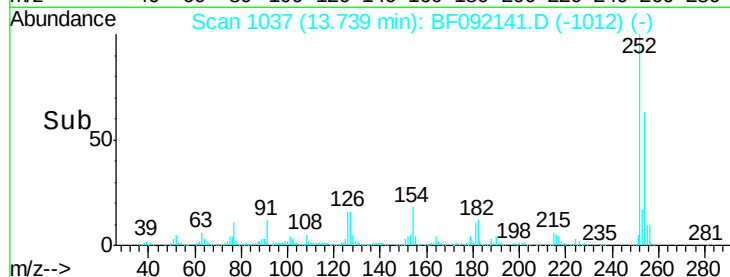
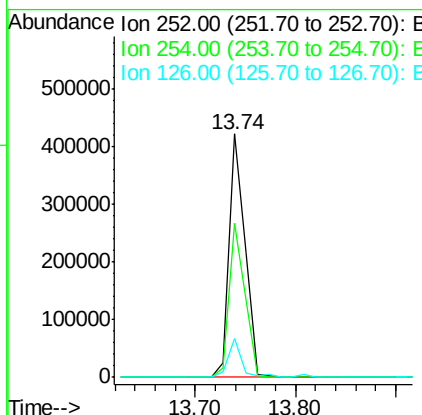
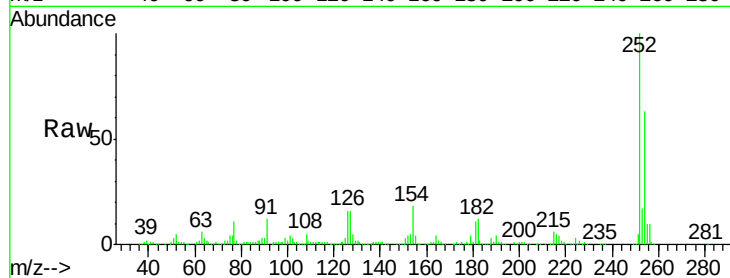
#81
 3,3'-Dichlorobenzidine
 Concen: 42.12 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	16.0	13.6	20.4

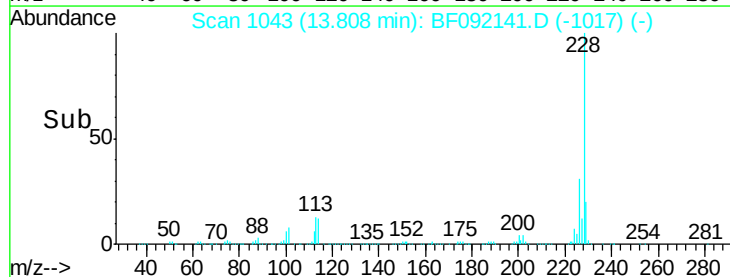
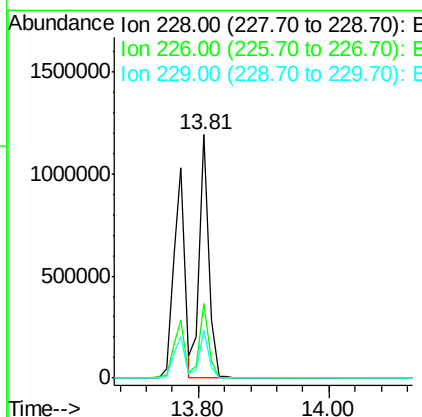
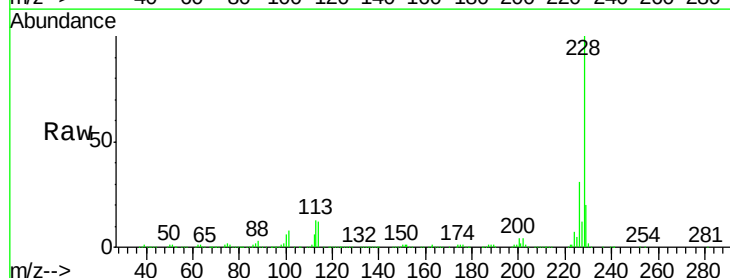
Manual Integrations
 APPROVED

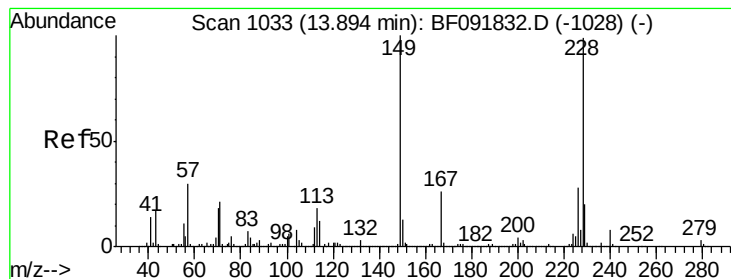
Sohil
 1/10/2017 10:01:14 AM



#82
 Chrysene
 Concen: 40.37 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.12 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

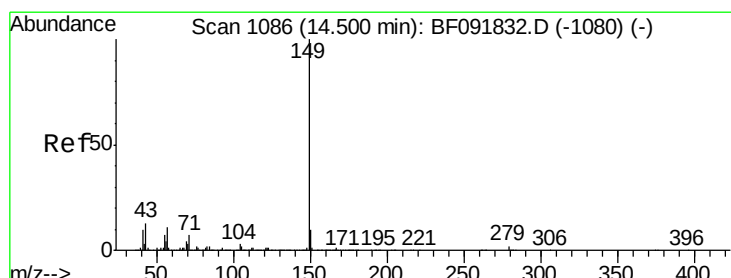
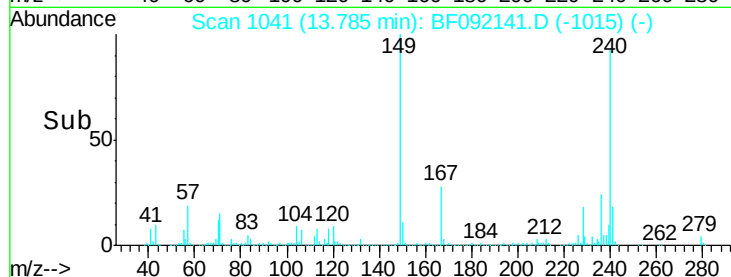
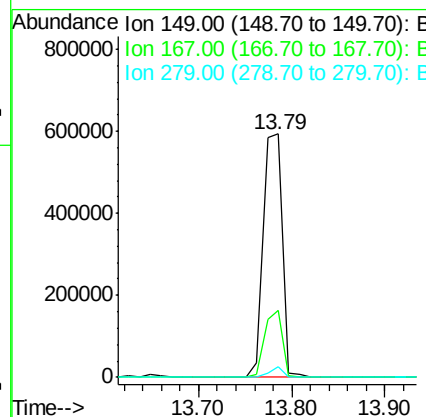
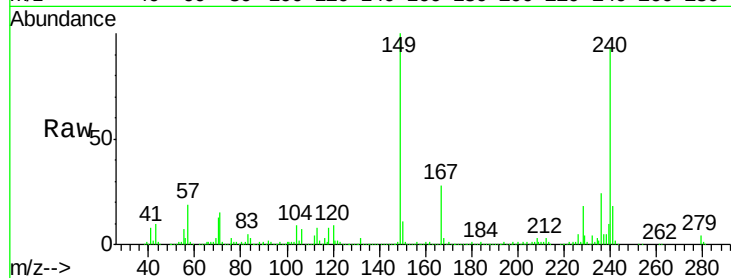
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	849693
Ion Ratio	Lower	Upper	
149	100		
167	27.7	20.2	30.4
279	4.5	1.8	2.8#

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM



#84

Di-n-octyl phthalate

Concen: 42.59 ng

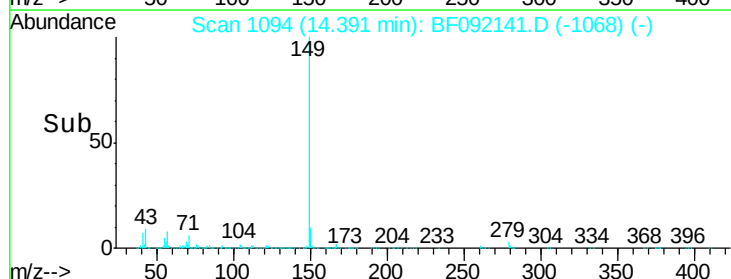
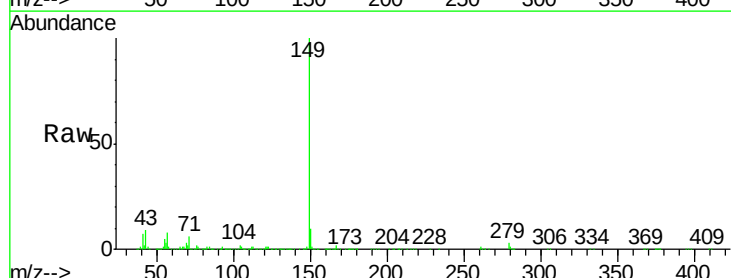
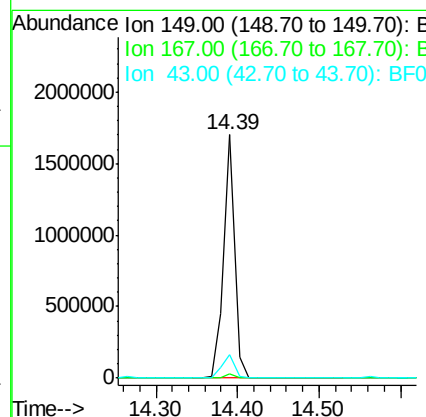
RT: 14.39 min Scan# 1094

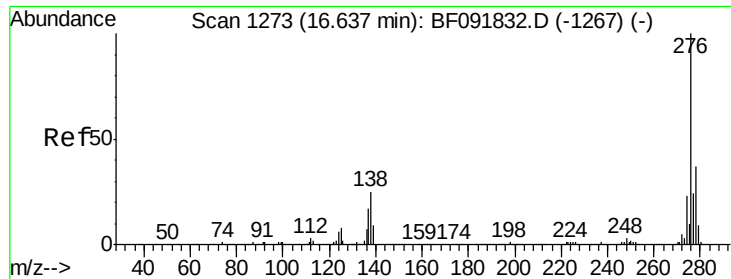
Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Tgt Ion:	149	Resp:	1591651
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.1	8.9	13.3





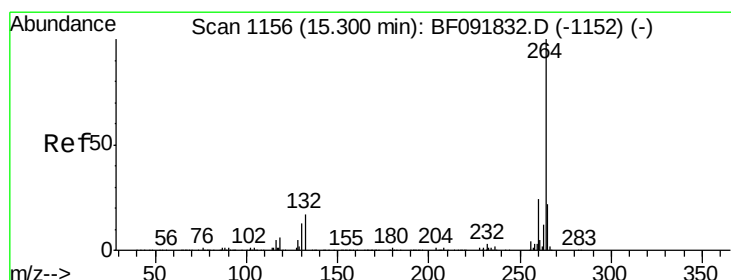
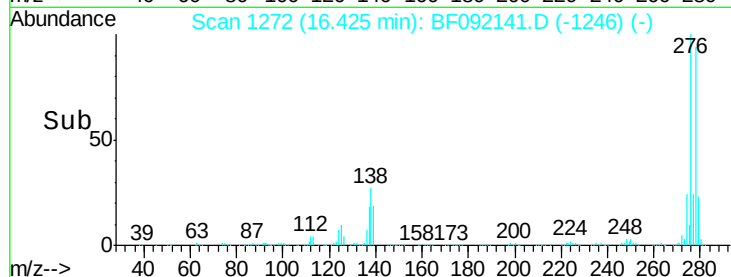
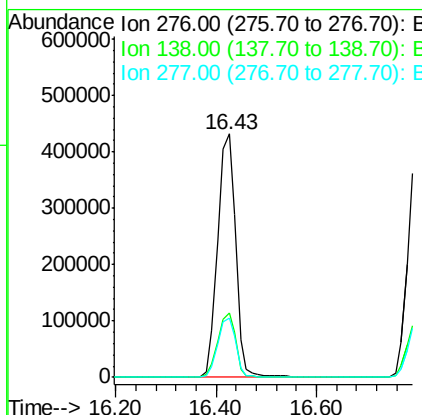
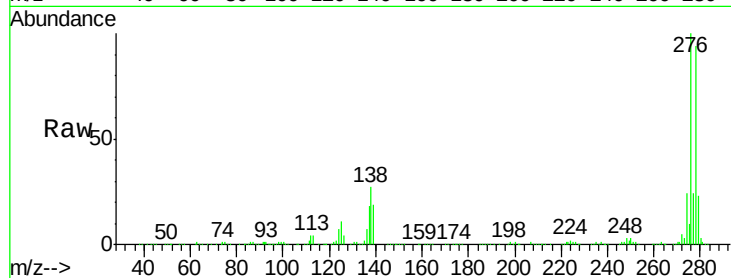
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.07 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.8	32.6
277	24.6	20.2	30.4

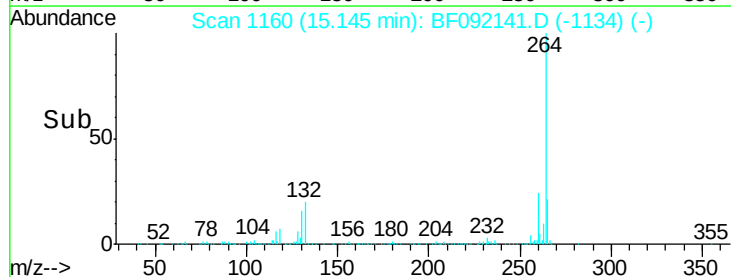
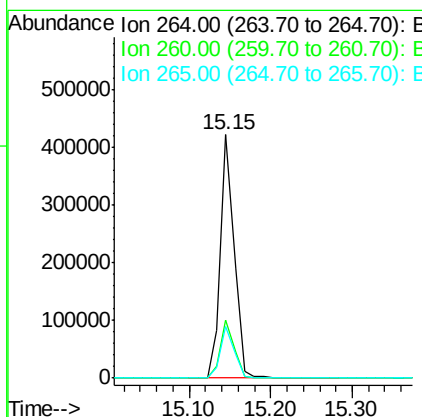
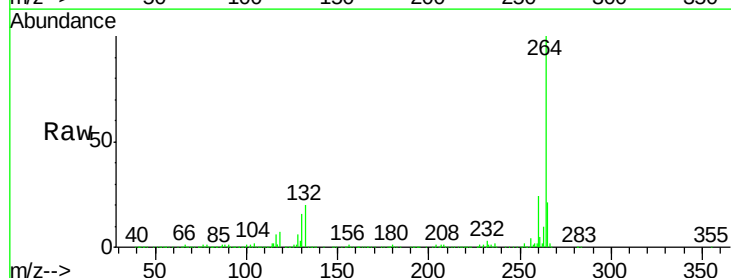
Manual Integrations
 APPROVED

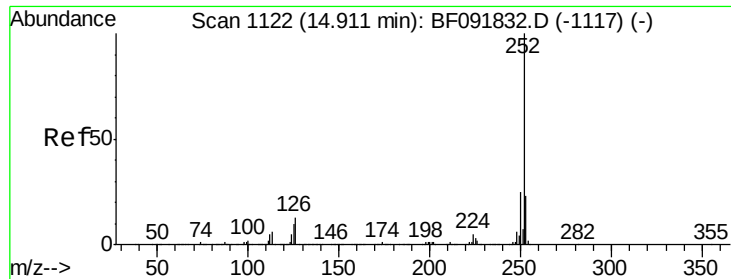
Sohil
 1/10/2017 10:01:14 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092141.D
 Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.4	26.0





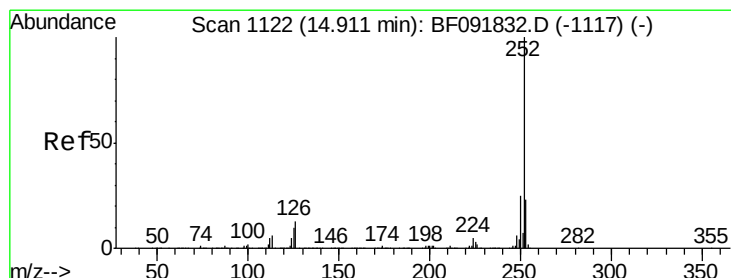
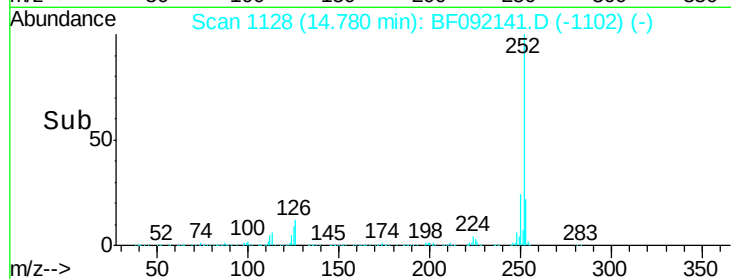
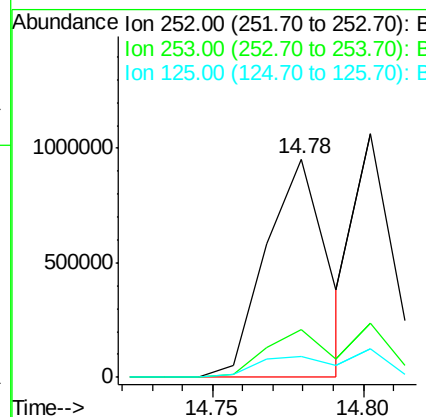
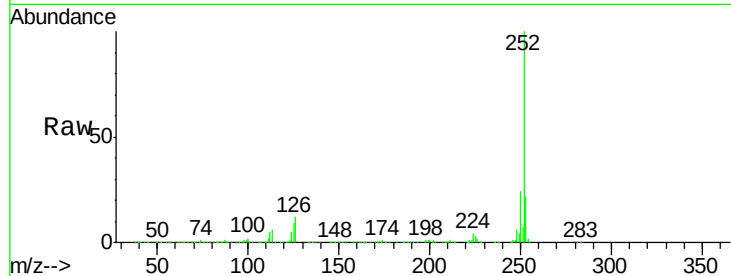
#87
Benzo(b)fluoranthene
Concen: 43.94 ng m
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.3	9.8	14.6#

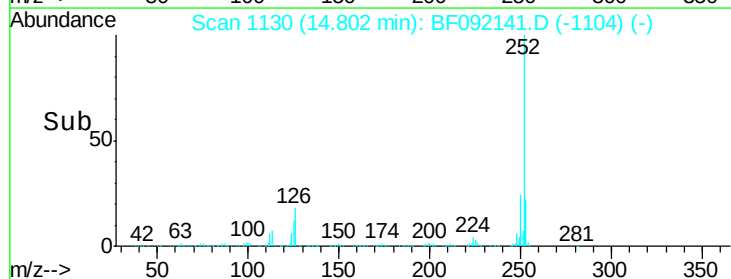
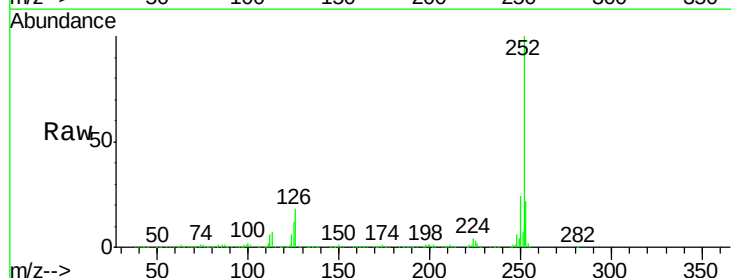
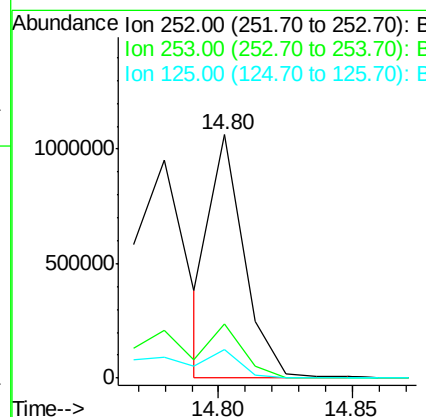
Manual Integrations
APPROVED

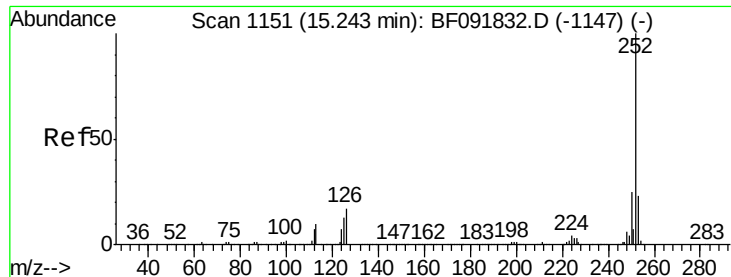
Sohil
1/10/2017 10:01:14 AM



#88
Benzo(k)fluoranthene
Concen: 35.21 ng m
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	11.9	8.9	13.3





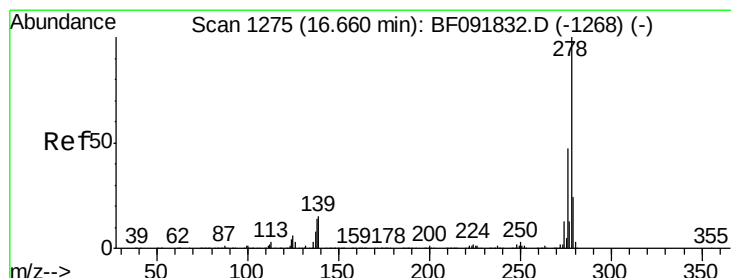
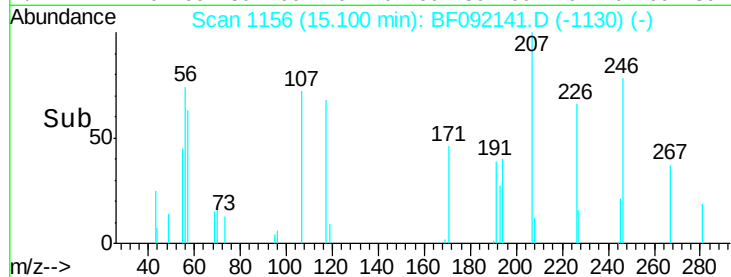
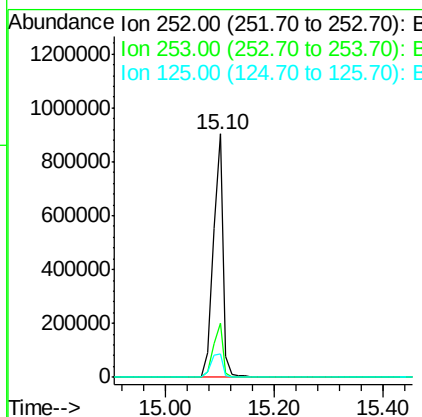
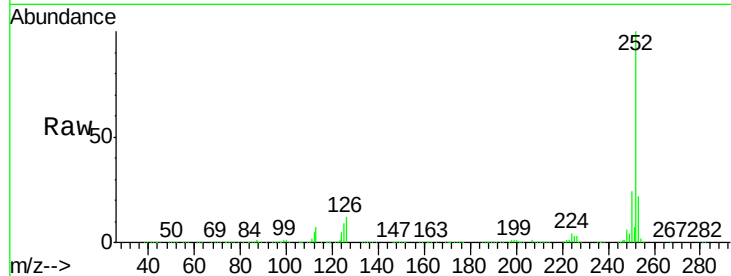
#89
Benzo(a)pyrene
Concen: 41.77 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 1138679
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.4 10.0 15.0#

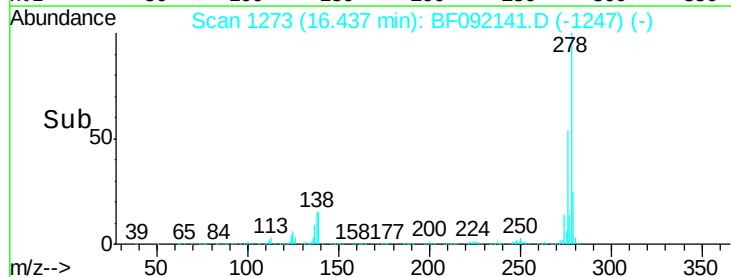
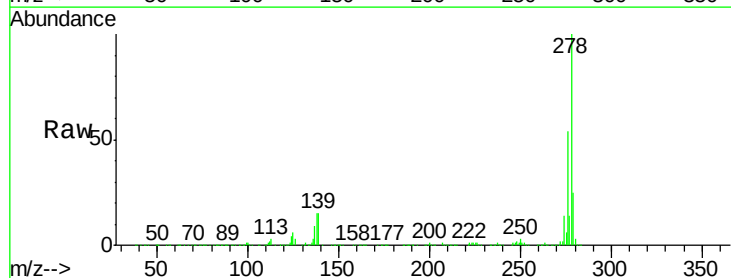
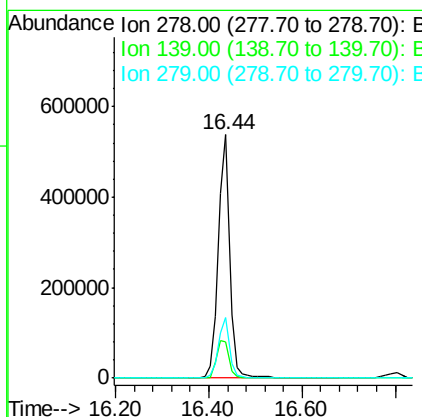
Manual Integrations
APPROVED

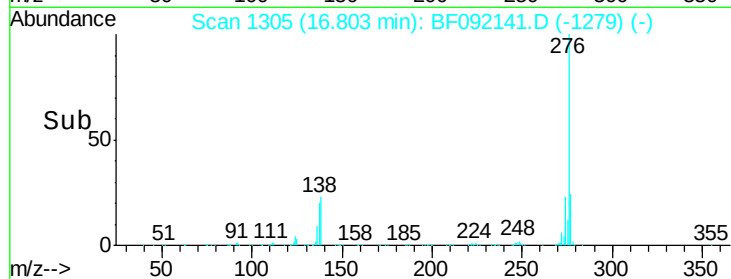
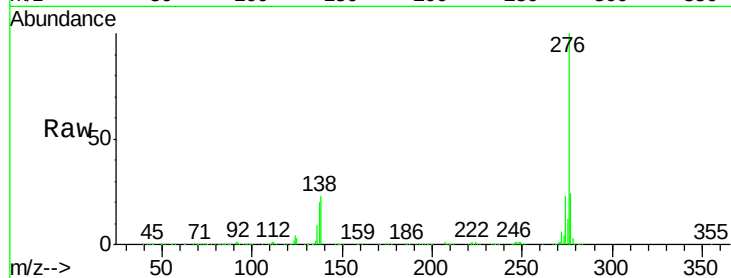
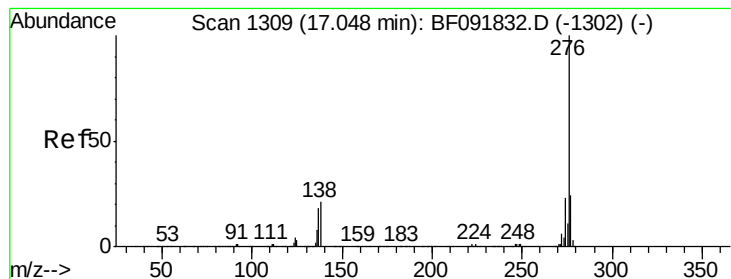
Sohil
1/10/2017 10:01:14 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.37 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092141.D
Acq: 9 Jan 2017 17:00

Tgt Ion: 278 Resp: 904675
Ion Ratio Lower Upper
278 100
139 15.2 14.8 22.2
279 24.7 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 39.20 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092141.D

Acq: 9 Jan 2017 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	276	Resp:	913450
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.2	28.8
138	22.8	16.0	24.0

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:14 AM

