

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097476.D
 Acq On : 8 Aug 2017 18:50
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:20 PM

Quant Time: Aug 08 19:46:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	91726	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	365650	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	149901	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	276978	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	166423	20.00	ng	0.00
86) Perylene-d12	14.87	264	141848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	525324	86.34	ng	-0.01
7) Phenol-d6	6.08	99	568313	81.81	ng	0.00
23) Nitrobenzene-d5	6.98	82	516494	82.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	106610	90.01	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	739795	83.76	ng	0.00
78) Terphenyl-d14	12.49	244	696318	85.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	104003	40.959	ng	# 71
3) Pyridine	2.47	79	299214	38.483	ng	# 58
4) n-Nitrosodimethylamine	2.43	42	168700	39.164	ng	80
6) Aniline	6.07	93	366804	41.962	ng	95
8) 2-Chlorophenol	6.20	128	272570	41.894	ng	94
9) Benzaldehyde	5.95	77	197323	47.992	ng	98
10) Phenol	6.09	94	349237	42.386	ng	98
11) bis(2-Chloroethyl)ether	6.15	93	267439	41.039	ng	91
12) 1,3-Dichlorobenzene	6.35	146	284785	40.616	ng	99
13) 1,4-Dichlorobenzene	6.42	146	291119	41.896	ng	95
14) 1,2-Dichlorobenzene	6.57	146	246170	40.575	ng	99
15) Benzyl Alcohol	6.57	79	198905	45.227	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.70	45	511918	39.166	ng	51
17) 2-Methylphenol	6.70	107	200173	39.864	ng	# 88
18) Hexachloroethane	6.91	117	103120	40.565	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	189205	41.380	ng	# 83
20) 3+4-Methylphenols	6.86	107	287513	43.839	ng	# 62
22) Acetophenone	6.83	105	361439	41.162	ng	98
24) Nitrobenzene	7.00	77	281028	43.292	ng	96
25) Isophorone	7.25	82	481273	39.428	ng	97
26) 2-Nitrophenol	7.32	139	146332	41.666	ng	91
27) 2,4-Dimethylphenol	7.38	122	234764	40.523	ng	96
28) bis(2-Chloroethoxy)methane	7.46	93	315483	39.605	ng	99
29) 2,4-Dichlorophenol	7.57	162	213658	42.810	ng	97
30) 1,2,4-Trichlorobenzene	7.64	180	193309	40.635	ng	99
31) Naphthalene	7.71	128	703727	40.828	ng	99
32) Benzoic acid	7.56	122	177992	41.144	ng	92
33) 4-Chloroaniline	7.77	127	275423	39.271	ng	98
34) Hexachlorobutadiene	7.83	225	97877	38.809	ng	99
35) Caprolactam	8.16	113	65623m	41.005	ng	
36) 4-Chloro-3-methylphenol	8.29	107	233145	42.819	ng	90
37) 2-Methylnaphthalene	8.40	142	427231	39.148	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	171688	42.925	ng	99
40) Hexachlorocyclopentadiene	8.56	237	63775	48.432	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097476.D
 Acq On : 8 Aug 2017 18:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

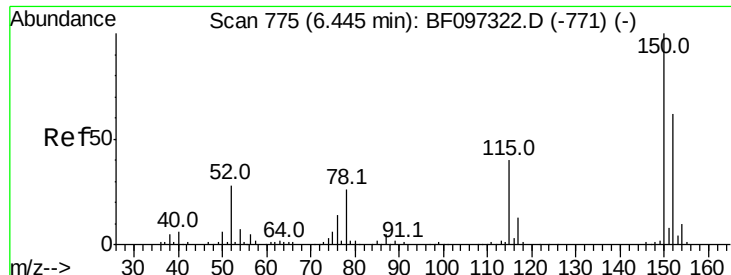
Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:20 PM

Quant Time: Aug 08 19:46:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	113324	39.097	nq	98
43) 2,4,5-Trichlorophenol	8.75	196	112043	38.620	nq	97
45) 1,1'-Biphenyl	8.87	154	570233	44.537	nq	98
46) 2-Chloronaphthalene	8.89	162	421214	44.705	nq	92
47) 2-Nitroaniline	9.00	65	160198	46.850	nq	96
48) Acenaphthylene	9.29	152	620136	42.880	nq	99
49) Dimethylphthalate	9.18	163	493081	43.316	nq	99
50) 2,6-Dinitrotoluene	9.25	165	105559	43.722	nq #	80
51) Acenaphthene	9.47	154	380029	44.611	nq	99
52) 3-Nitroaniline	9.41	138	125100	41.745	nq	99
53) 2,4-Dinitrophenol	9.54	184	61088	55.649	nq #	71
54) Dibenzofuran	9.64	168	532253	46.908	nq	93
55) 4-Nitrophenol	9.62	139	66353m	37.233	nq	
56) 2,4-Dinitrotoluene	9.65	165	145948	52.585	nq #	69
57) Fluorene	9.98	166	382967	44.906	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.77	232	88243	44.052	nq #	97
59) Diethylphthalate	9.87	149	448256	42.923	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	154494	43.870	nq	99
61) 4-Nitroaniline	10.03	138	124904	43.865	nq	93
62) Azobenzene	10.13	77	462557	47.744	nq	92
64) 4,6-Dinitro-2-methylphenol	10.07	198	74782	43.450	nq	87
65) n-Nitrosodiphenylamine	10.10	169	396934	41.188	nq	98
66) 4-Bromophenyl-phenylether	10.46	248	110285	39.898	nq	91
67) Hexachlorobenzene	10.53	284	123245	39.760	nq #	84
68) Atrazine	10.63	200	102116	36.952	nq	92
69) Pentachlorophenol	10.73	266	78939	61.550	nq	98
70) Phenanthrene	10.93	178	602377	40.590	nq	99
71) Anthracene	10.98	178	615641	40.503	nq	98
72) Carbazole	11.15	167	629803	42.131	nq	98
73) Di-n-butylphthalate	11.49	149	733807	39.711	nq	99
74) Fluoranthene	12.11	202	577798	39.742	nq	98
76) Benzidine	12.25	184	156437	25.334	nq #	94
77) Pyrene	12.33	202	584507	42.901	nq	99
79) Butylbenzylphthalate	12.97	149	257117	37.100	nq #	84
80) Benzo(a)anthracene	13.52	228	417097	38.734	nq	98
81) 3,3'-Dichlorobenzidine	13.49	252	157991	38.907	nq #	97
82) Chrysene	13.56	228	416804	39.640	nq	100
83) Bis(2-ethylhexyl)phthalate	13.53	149	322792	35.672	nq	99
84) Di-n-octyl phthalate	14.14	149	539277	32.475	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.06	276	344425	38.200	nq	97
87) Benzo(b)fluoranthene	14.52	252	364196	42.712	nq	98
88) Benzo(k)fluoranthene	14.54	252	317846m	39.118	nq	
89) Benzo(a)pyrene	14.82	252	305779	39.183	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	280112	43.770	nq	96
91) Benzo(g,h,i)perylene	16.40	276	281887	42.003	nq	99

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



#1

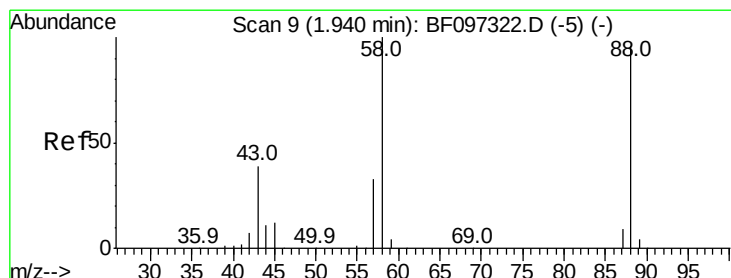
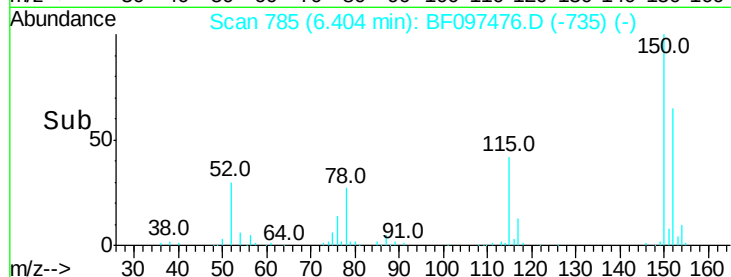
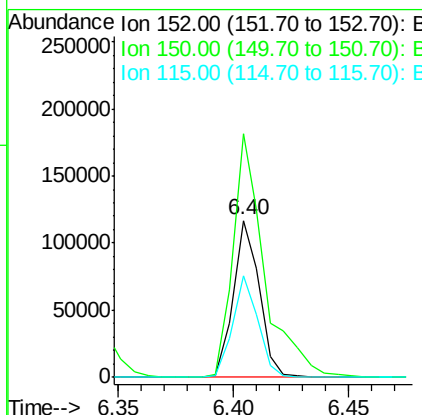
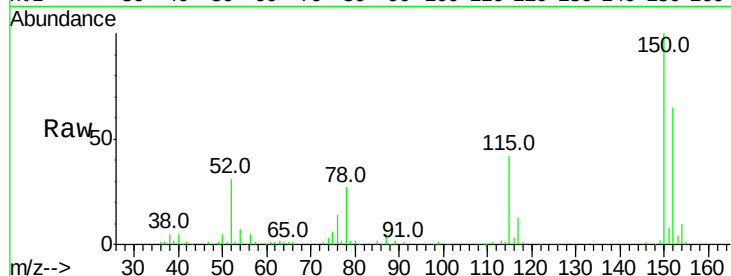
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	64.4	52.2	78.2

Manual Integrations
APPROVED

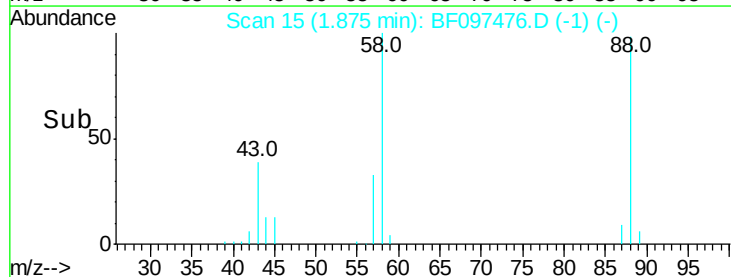
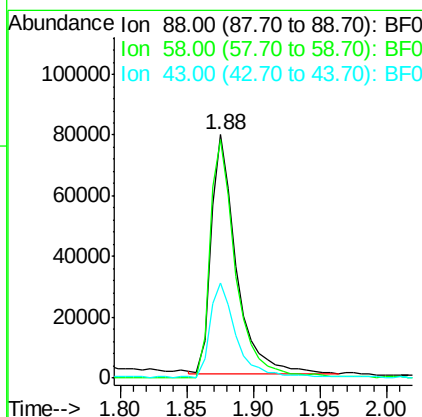
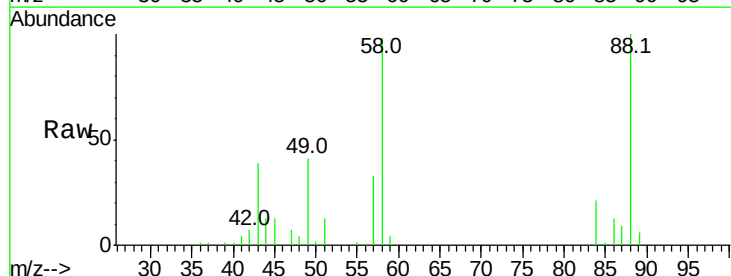
Sohil
8/9/2017 7:16:20 PM

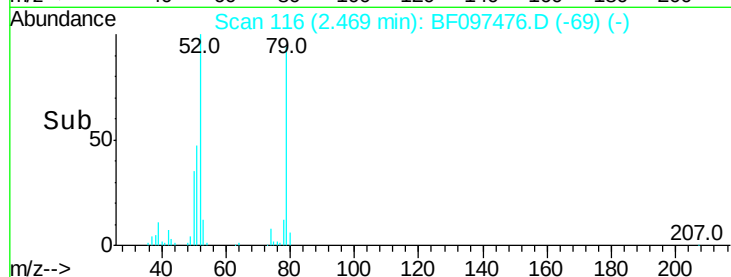
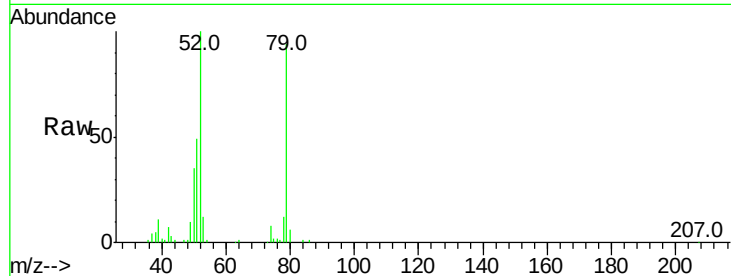
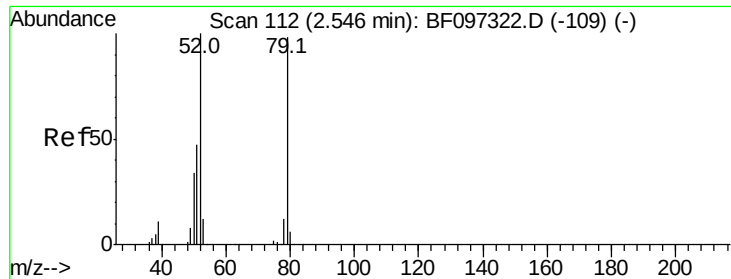


#2

1,4-Dioxane
Concen: 40.959 ng
RT: 1.88 min Scan# 15
Delta R.T. -0.02 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	61.4	92.0#
43	42.7	23.4	35.0#





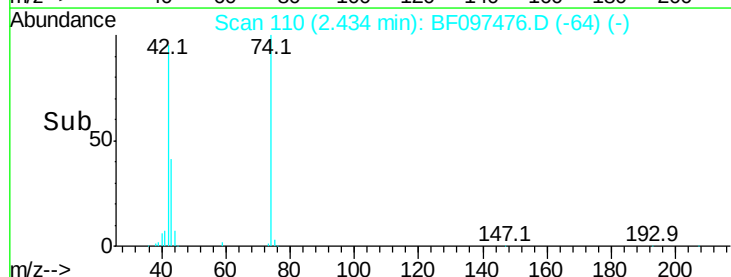
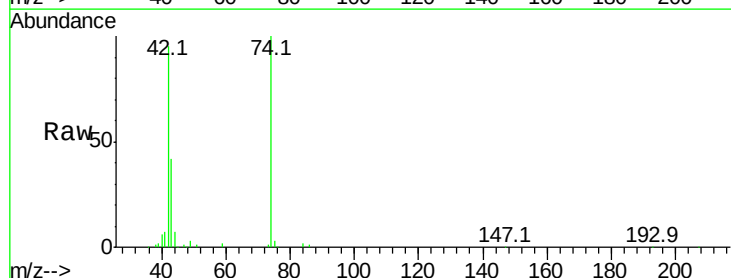
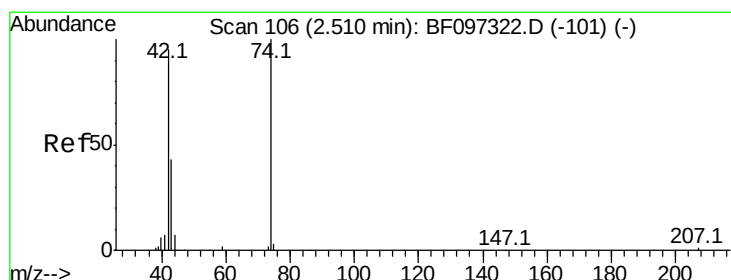
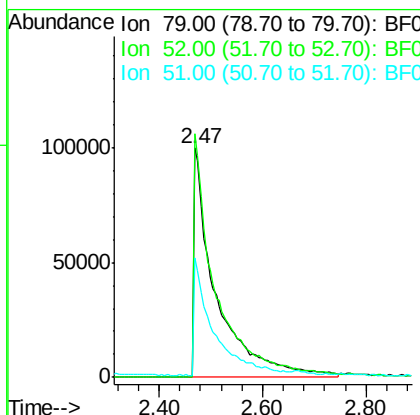
#3
Pvridine
Concen: 38.483 ng
RT: 2.47 min Scan# 116
Delta R.T. -0.02 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	106.3	54.8	82.2#	
51	52.2	27.0	40.4#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

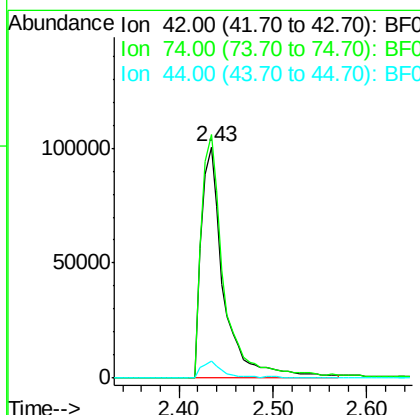
Manual Integrations
APPROVED

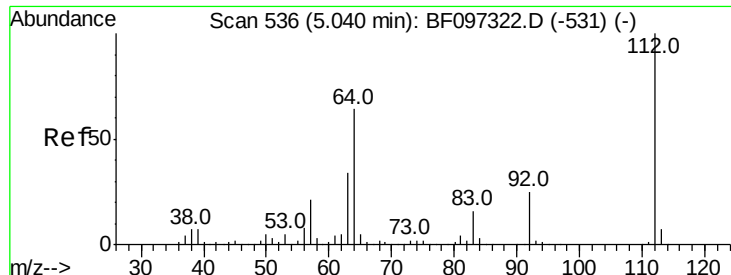
Sohil
8/9/2017 7:16:20 PM



#4
n-Nitrosodimethylamine
Concen: 39.164 ng
RT: 2.43 min Scan# 110
Delta R.T. -0.03 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	105.2	103.9	155.9	
44	7.1	5.7	8.5	





#5

2-Fluorophenol

Concen: 86.335 ng

RT: 4.99 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

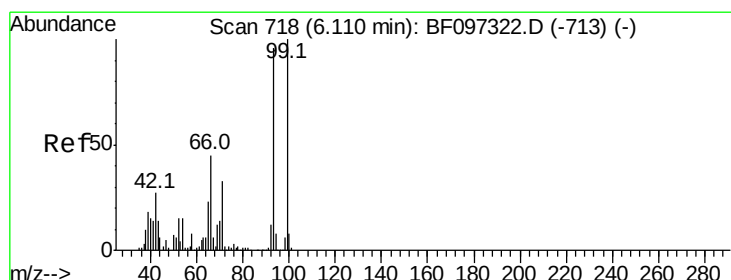
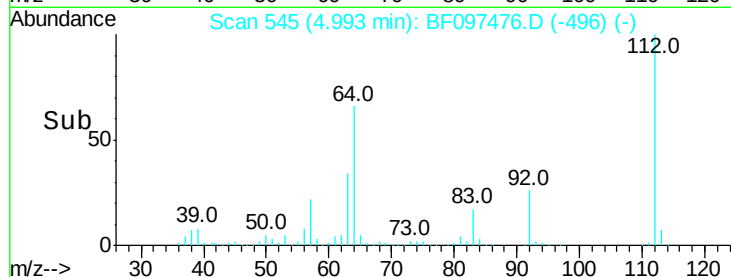
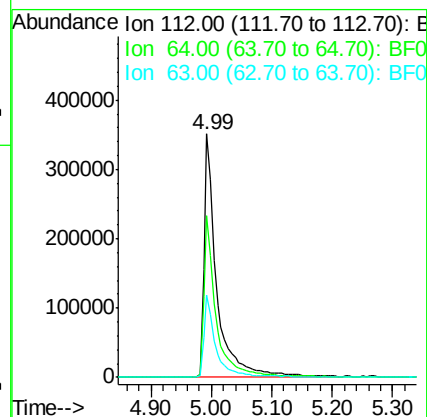
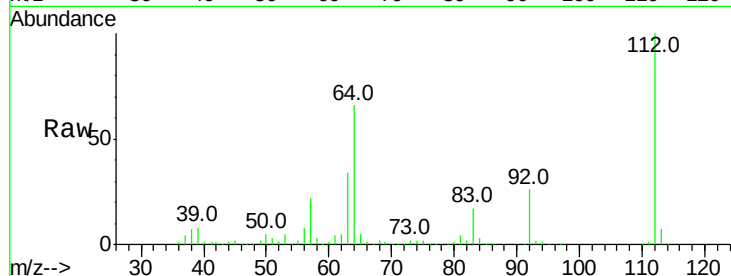
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	525324
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.0	69.0
63	33.7	23.4	35.0

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#6

Aniline

Concen: 41.962 ng

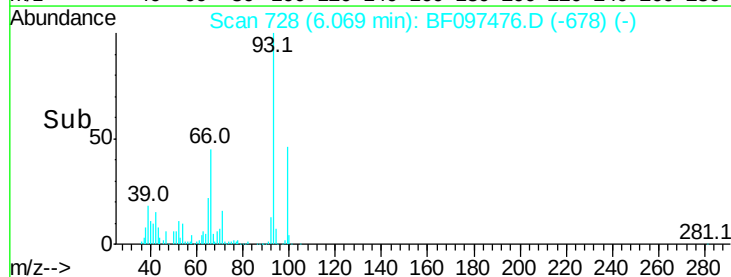
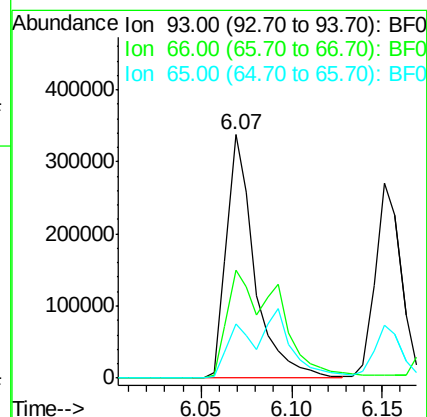
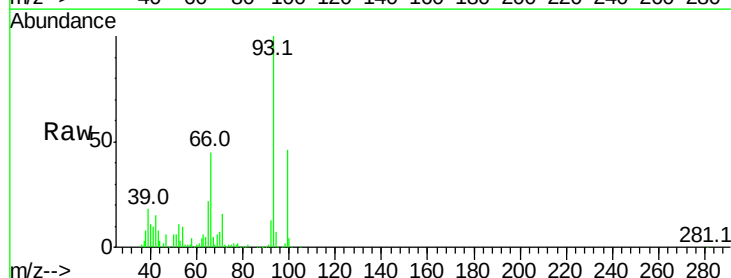
RT: 6.07 min Scan# 728

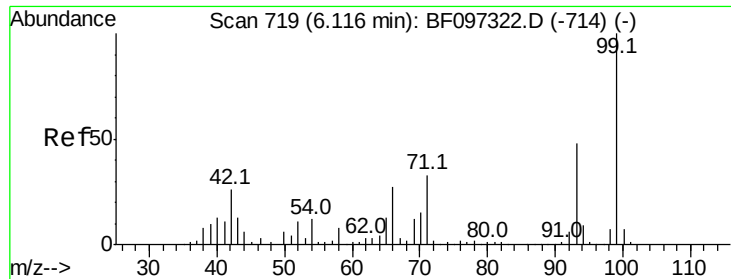
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	93	Resp:	366804
Ion Ratio	Lower	Upper	
93	100		
66	44.5	32.9	49.3
65	22.3	16.0	24.0





#7

Phenol-d6

Concen: 81.814 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

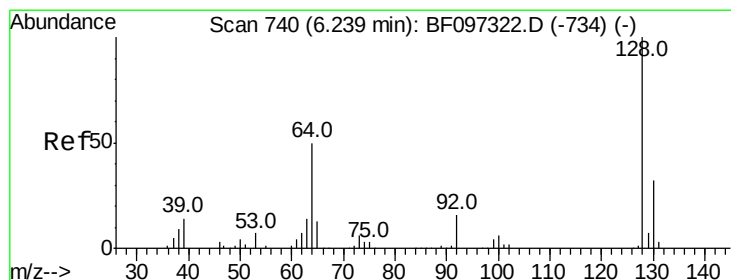
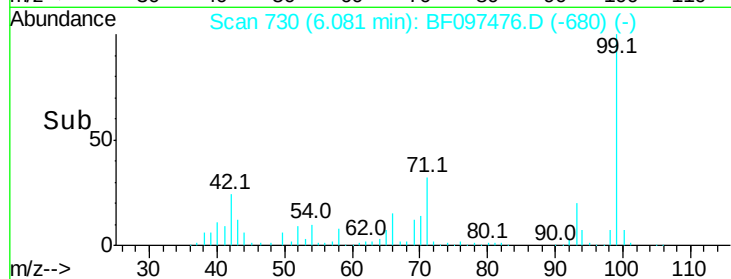
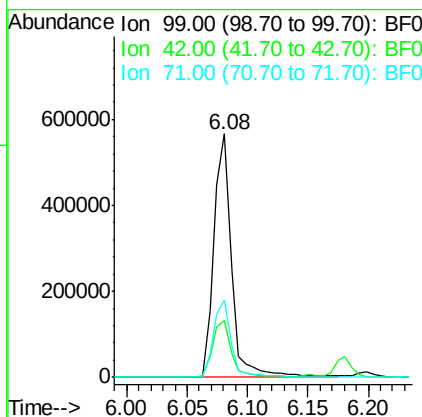
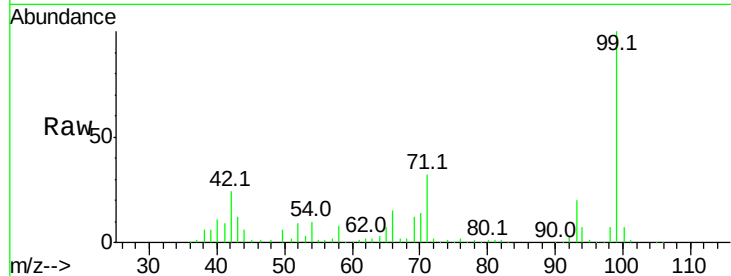
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	568313
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.5	20.3#
71	31.9	24.5	36.7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#8

2-Chlorophenol

Concen: 41.894 ng

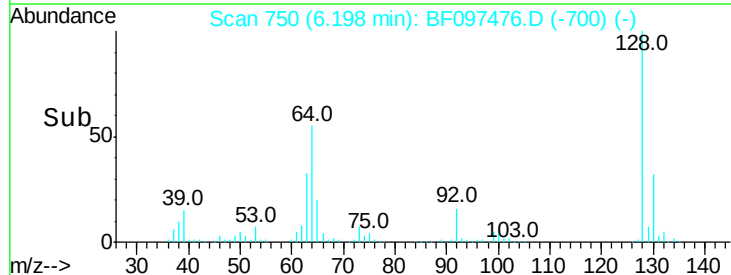
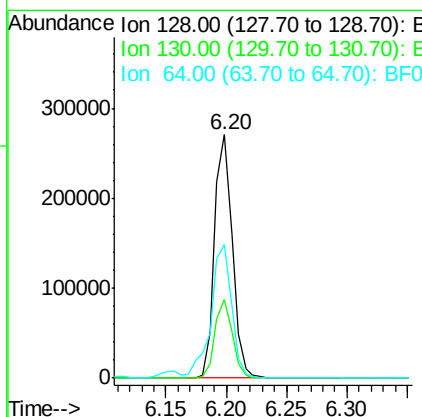
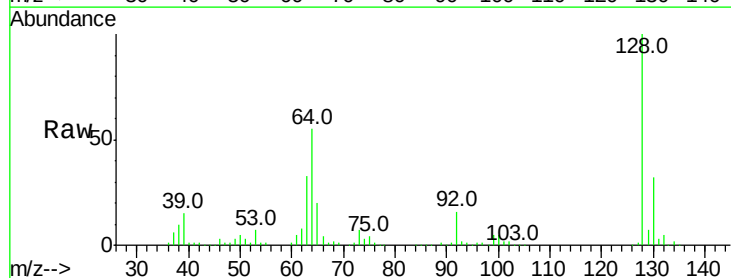
RT: 6.20 min Scan# 750

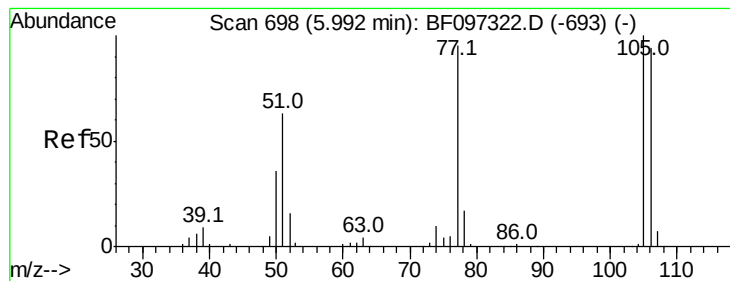
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	128	Resp:	272570
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	54.7	28.4	68.4





#9

Benzaldehyde

Concen: 47.992 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

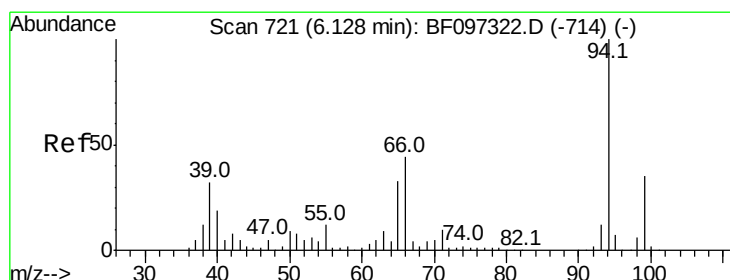
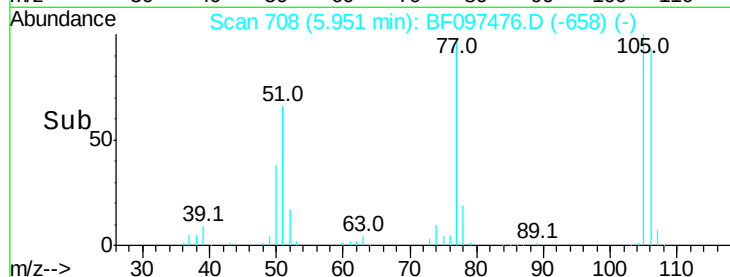
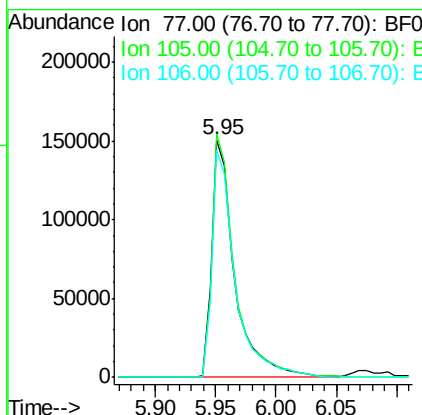
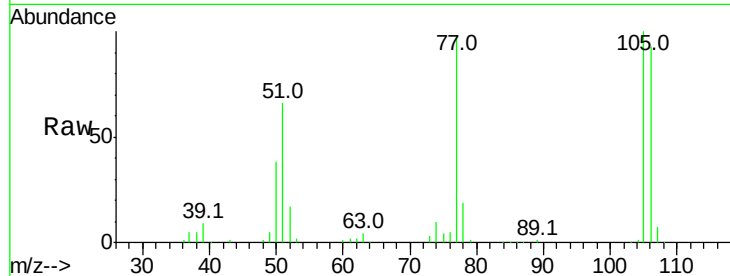
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	197323
Ion Ratio	Lower	Upper	
77	100		
105	102.4	83.8	123.8
106	95.7	79.1	119.1

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#10

Phenol

Concen: 42.386 ng

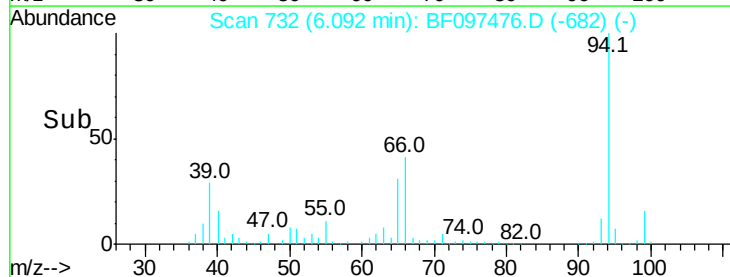
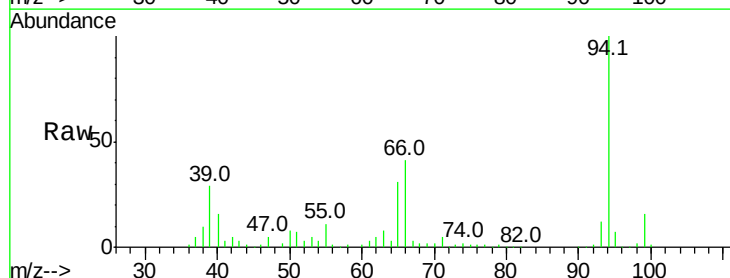
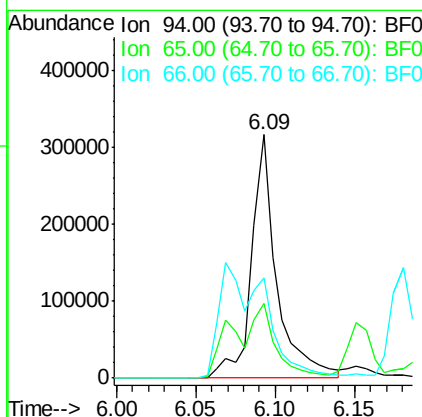
RT: 6.09 min Scan# 732

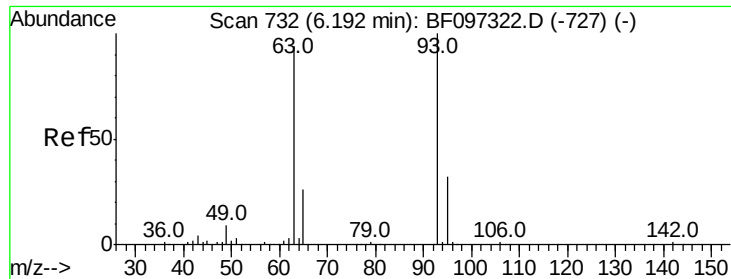
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	94	Resp:	349237
Ion Ratio	Lower	Upper	
94	100		
65	30.7	9.9	49.9
66	41.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.039 ng

RT: 6.15 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

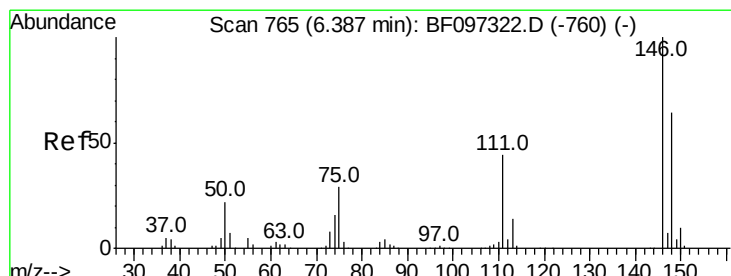
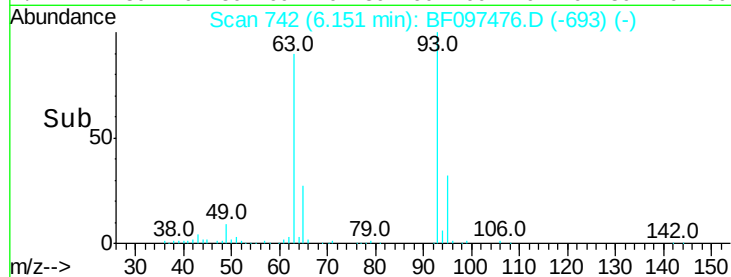
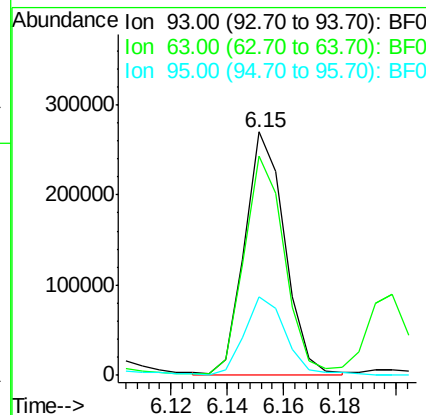
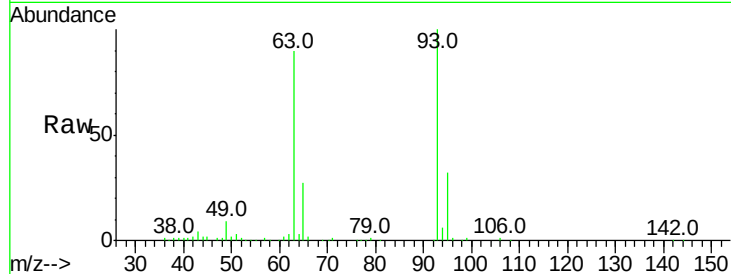
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	267439
Ion	Ratio	Lower	Upper
93	100		
63	89.9	59.2	99.2
95	32.0	12.8	52.8

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#12

1,3-Dichlorobenzene

Concen: 40.616 ng

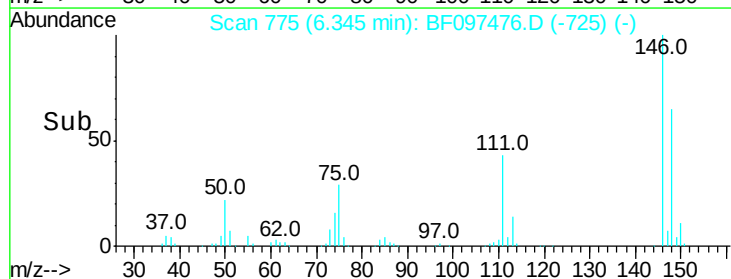
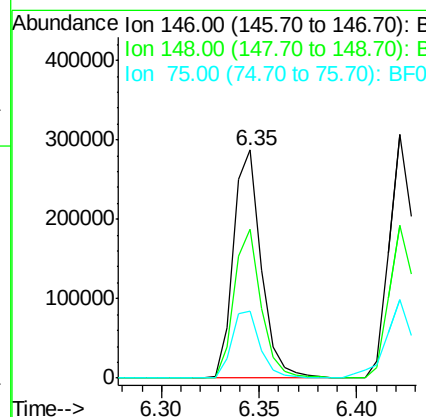
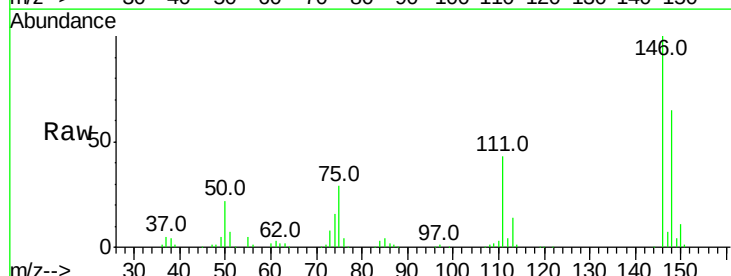
RT: 6.35 min Scan# 775

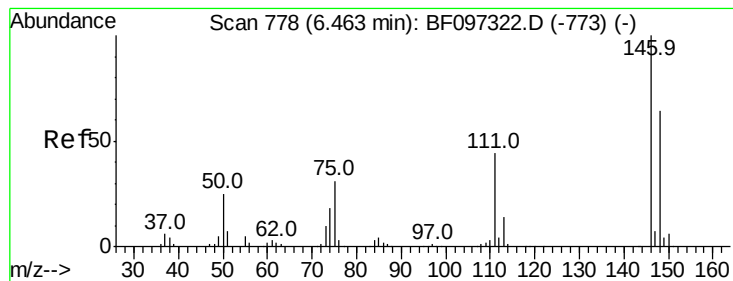
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	146	Resp:	284785
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
75	29.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.896 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

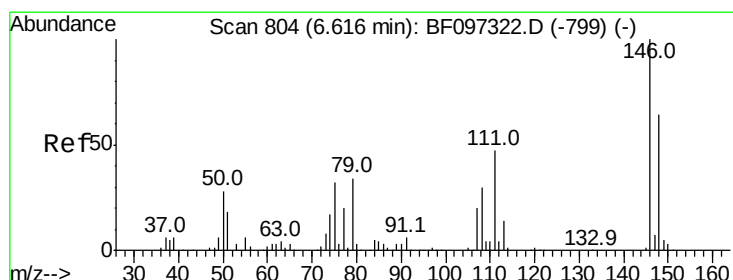
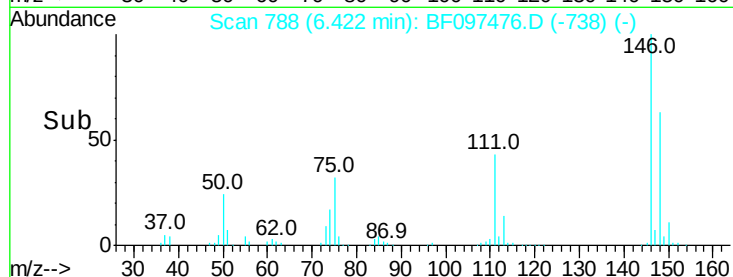
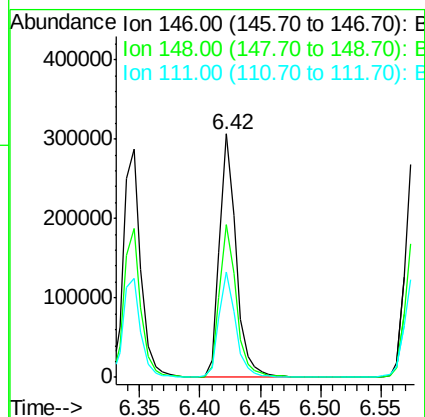
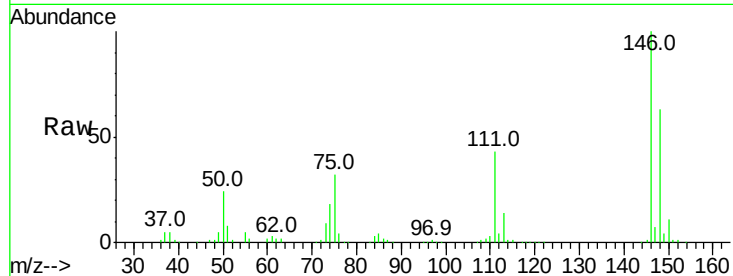
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	291119
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	43.1	30.3	45.5

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#14

1,2-Dichlorobenzene

Concen: 40.575 ng

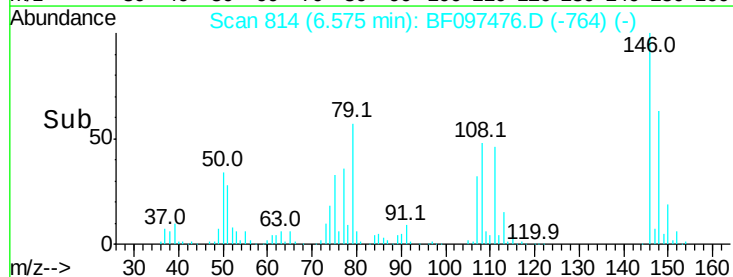
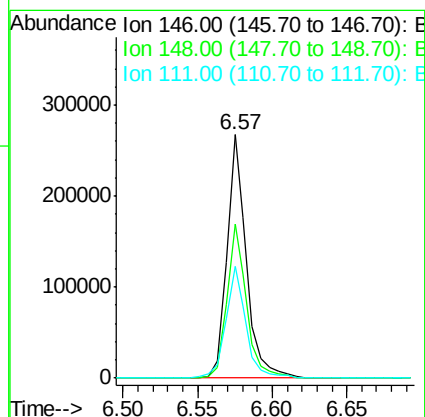
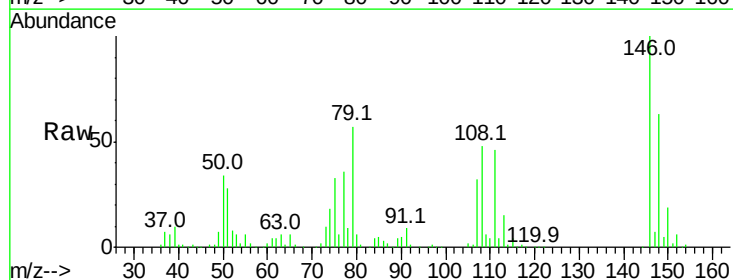
RT: 6.57 min Scan# 814

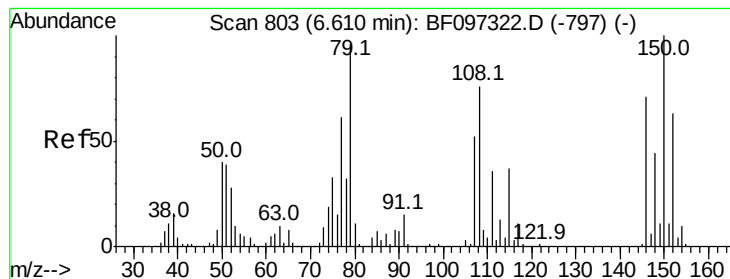
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	146	Resp:	246170
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
111	46.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 45.227 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

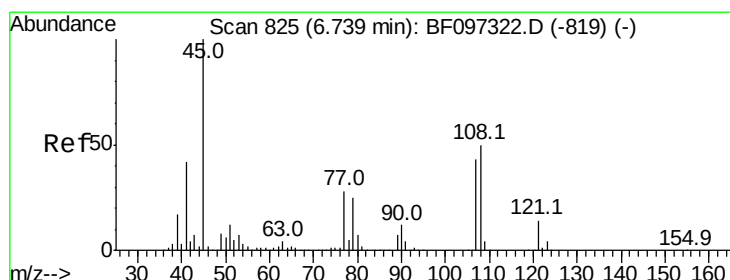
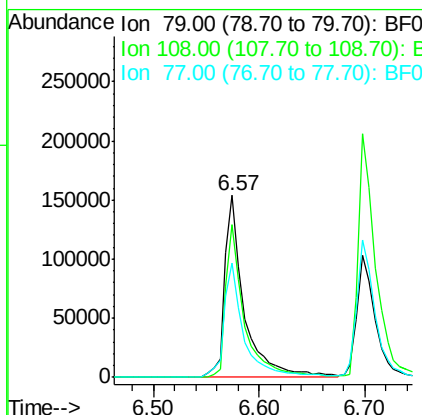
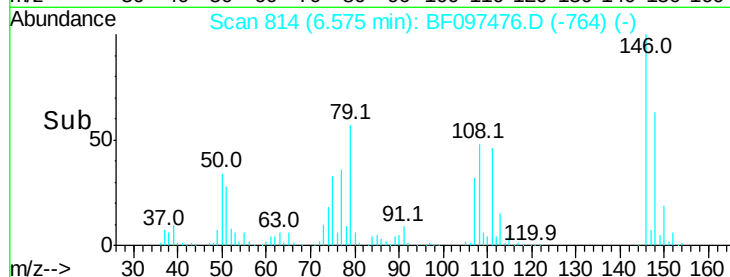
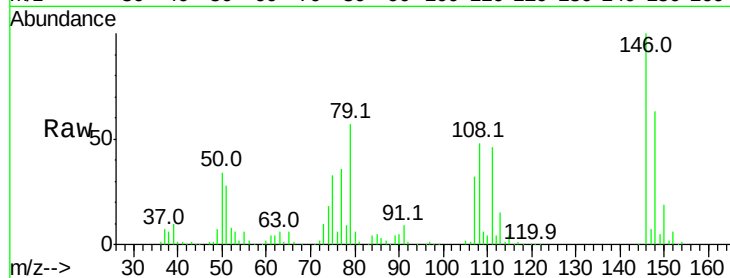
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	198905
Ion Ratio	Lower	Upper	
79	100		
108	84.3	63.4	95.0
77	62.6	49.2	73.8

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.166 ng

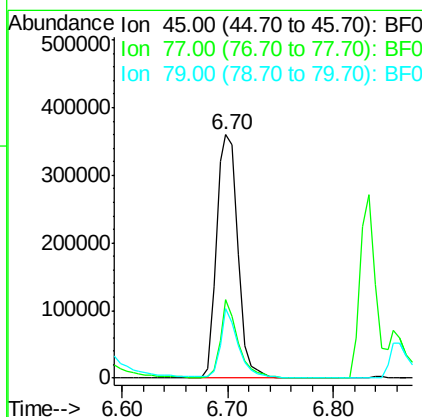
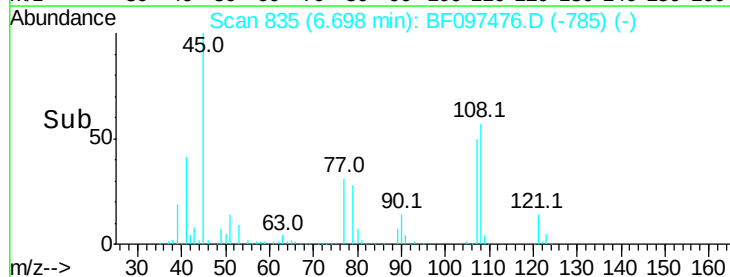
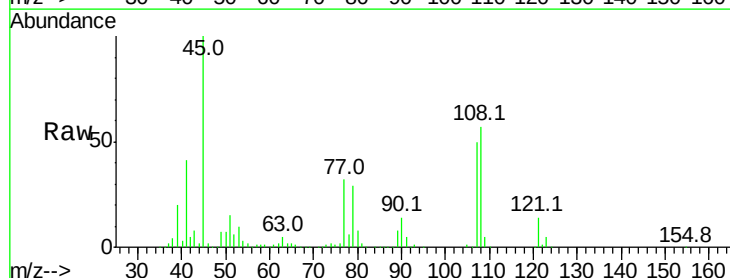
RT: 6.70 min Scan# 835

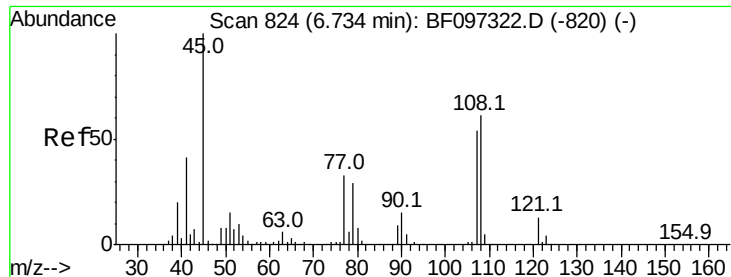
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	45	Resp:	511918
Ion Ratio	Lower	Upper	
45	100		
77	32.2	0.0	33.2
79	28.8	0.0	30.0





#17

2-Methylphenol

Concen: 39.864 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

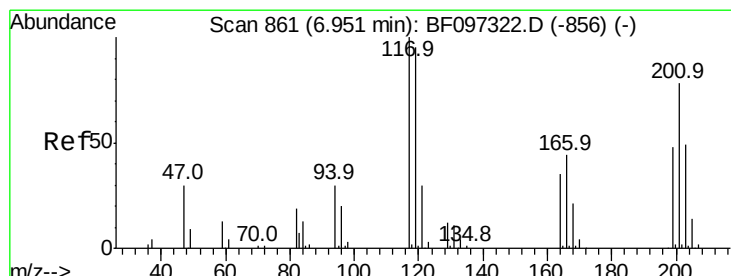
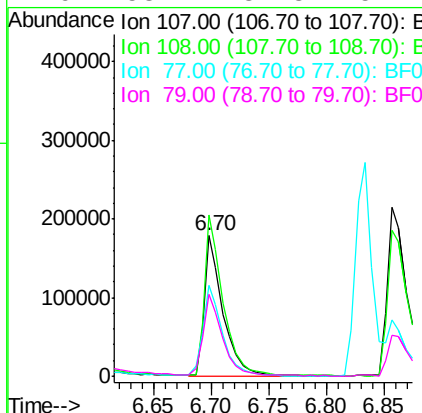
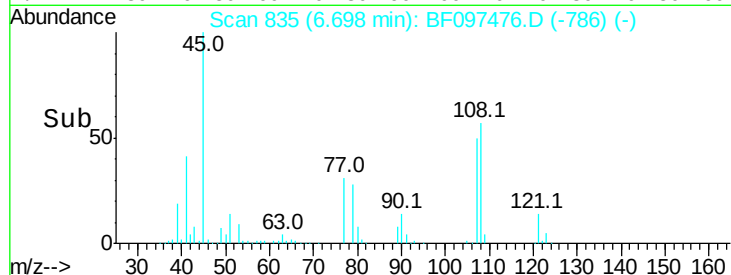
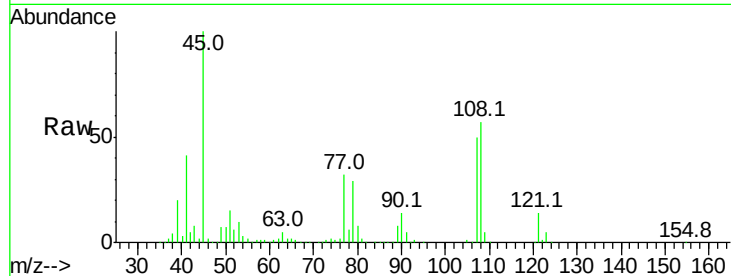
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	200173		
108	115.3	93.4	140.0	
77	64.9	35.8	53.6#	
79	58.1	34.8	52.2#	

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#18

Hexachloroethane

Concen: 40.565 ng

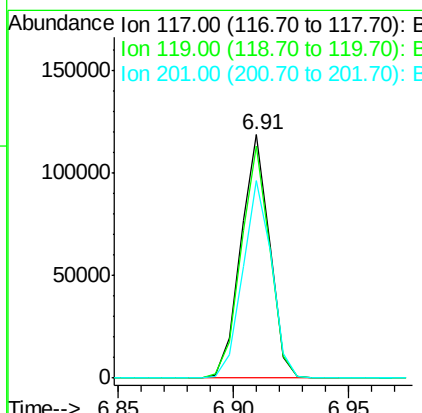
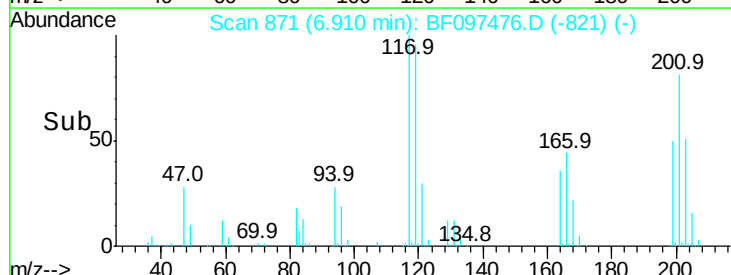
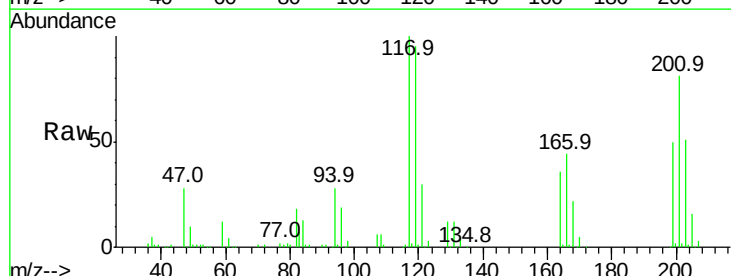
RT: 6.91 min Scan# 871

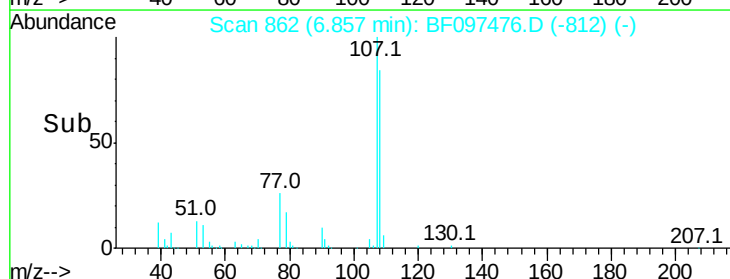
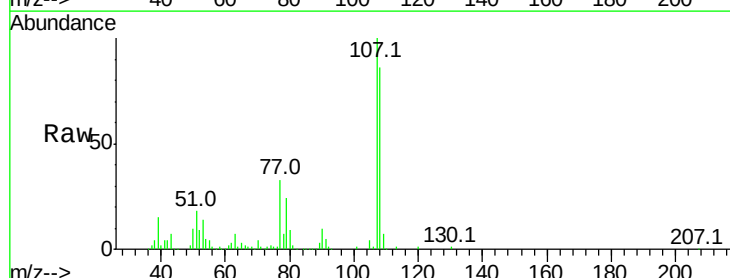
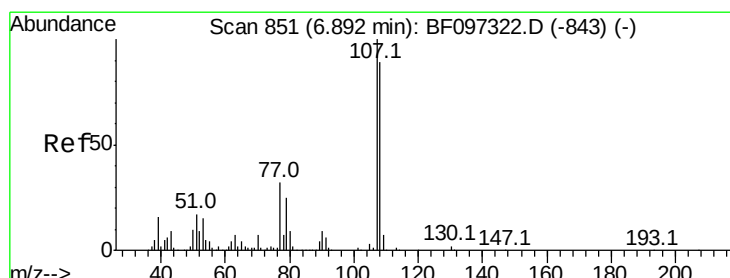
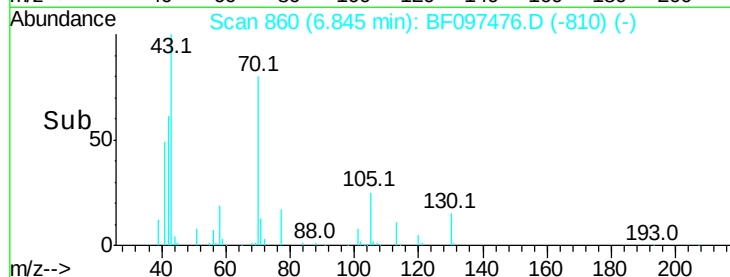
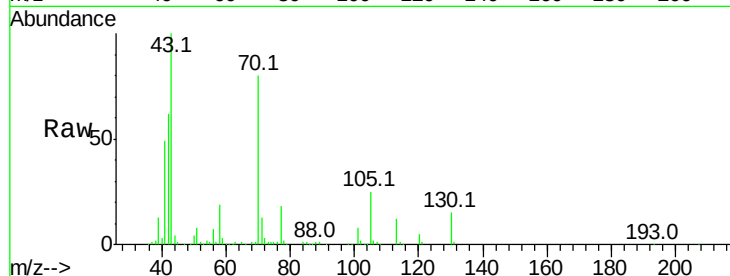
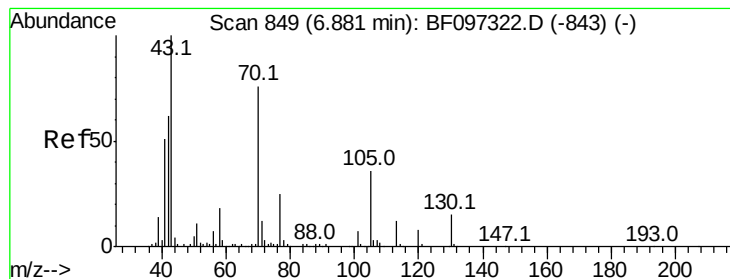
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	103120		
119	95.4	77.4	116.0	
201	81.0	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 41.380 ng

RT: 6.85 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tot Ion: 70 Resp: 189205

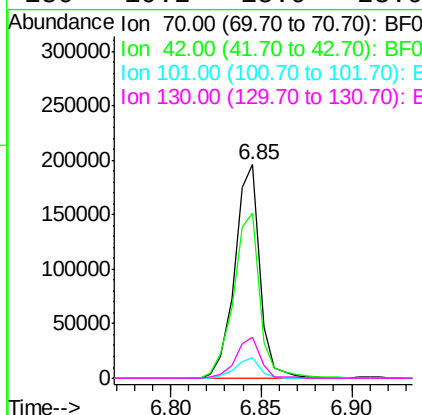
Ion Ratio Lower Upper

70 100

42 77.3 47.2 70.8#

101 9.8 7.2 10.8

130 19.2 15.9 23.9



Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Sohil

8/9/2017 7:16:20 PM

#20

3+4-Methylphenols

Concen: 43.839 ng

RT: 6.86 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion: 107 Resp: 287513

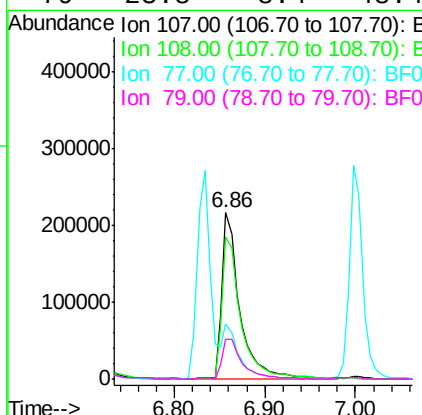
Ion Ratio Lower Upper

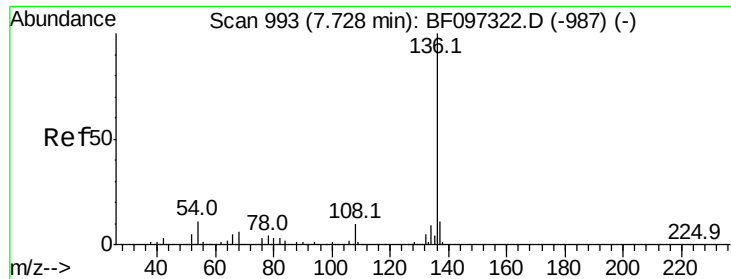
107 100

108 85.9 71.0 111.0

77 32.9 90.5 130.5#

79 23.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

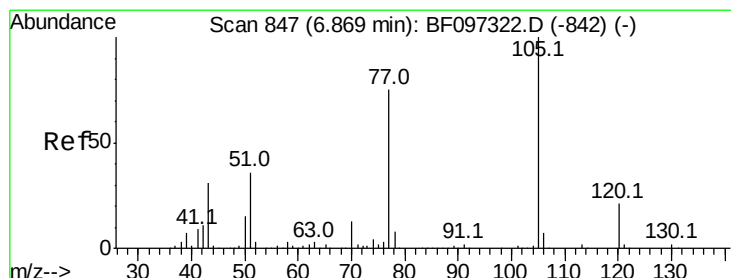
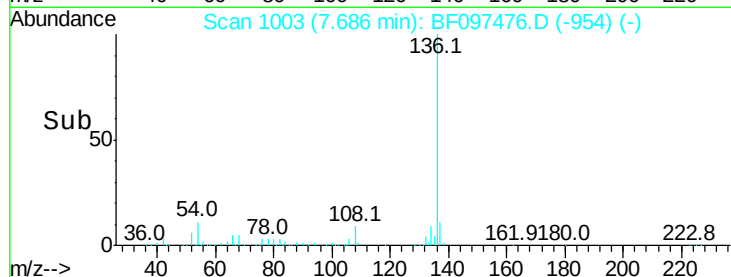
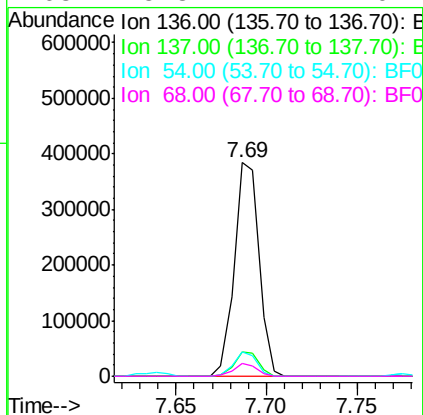
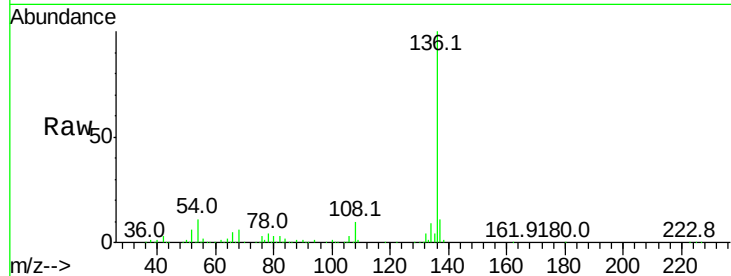
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.4	4.9	7.3#
68	5.8	4.1	6.1

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#22

Acetophenone

Concen: 41.162 ng

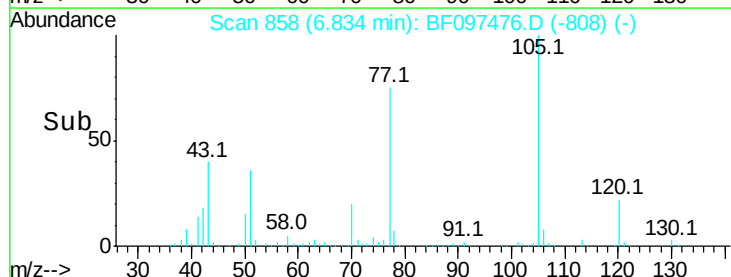
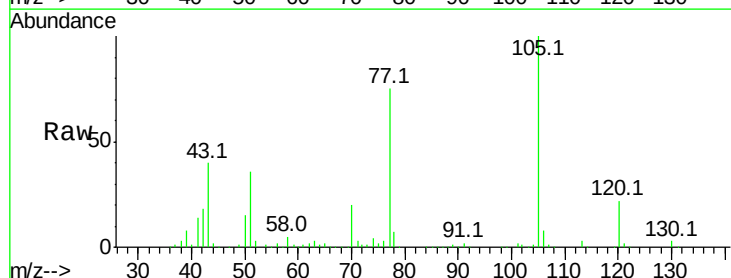
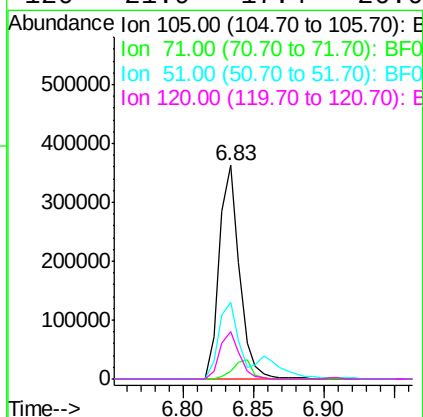
RT: 6.83 min Scan# 858

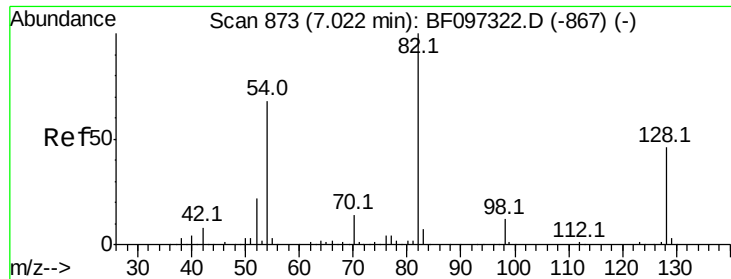
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	2.8	4.2
51	36.3	30.7	46.1
120	21.9	17.4	26.0





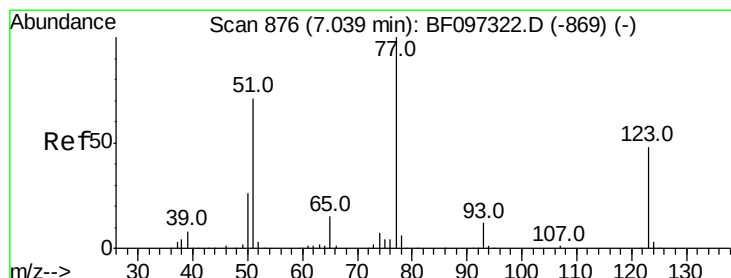
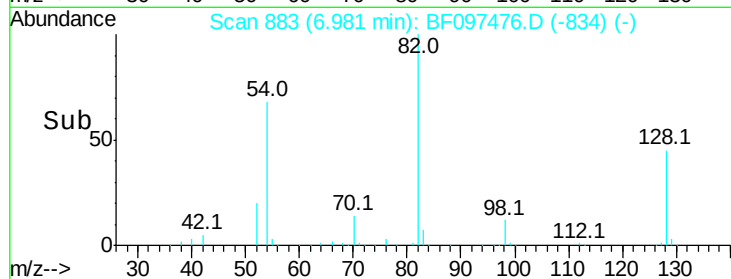
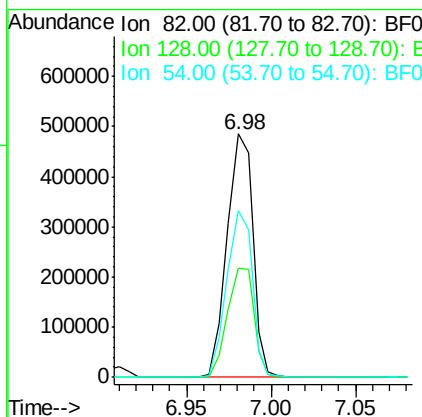
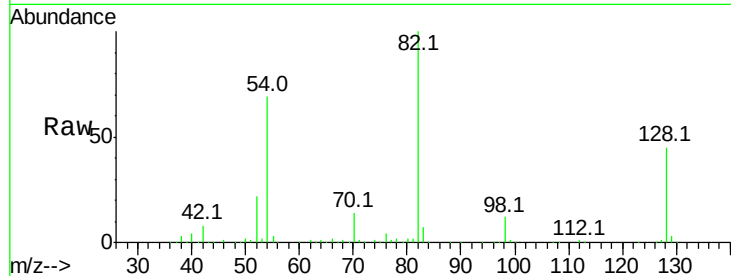
#23
 Nitrobenzene-d5
 Concen: 82.865 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	44.8	34.0	51.0
54	68.7	42.2	63.2

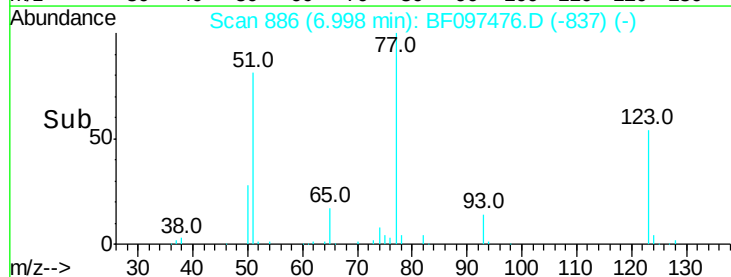
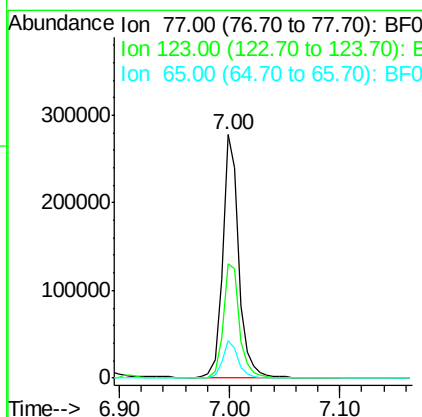
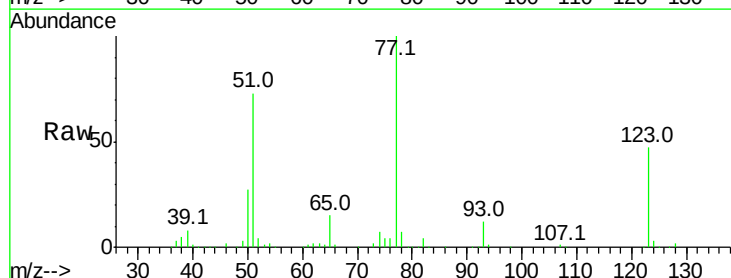
Manual Integrations
 APPROVED

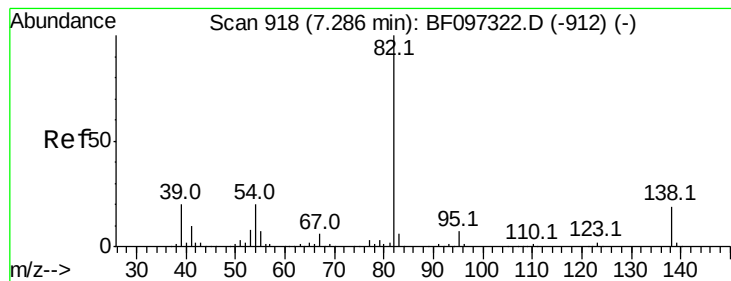
Sohil
 8/9/2017 7:16:20 PM



#24
 Nitrobenzene
 Concen: 43.292 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.2	35.8	53.8
65	15.4	10.6	15.8





#25

Isophorone

Concen: 39.428 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

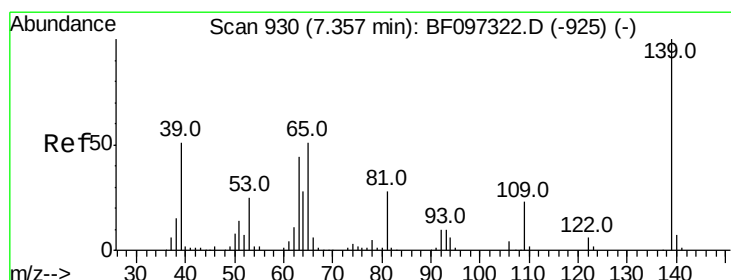
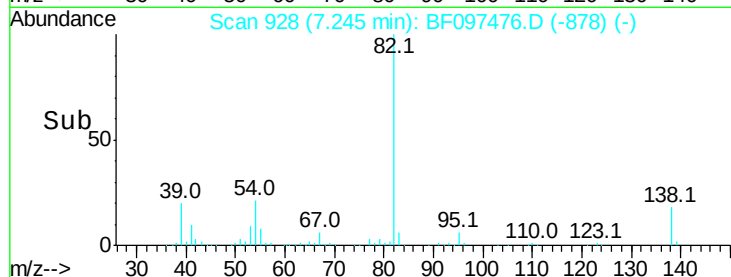
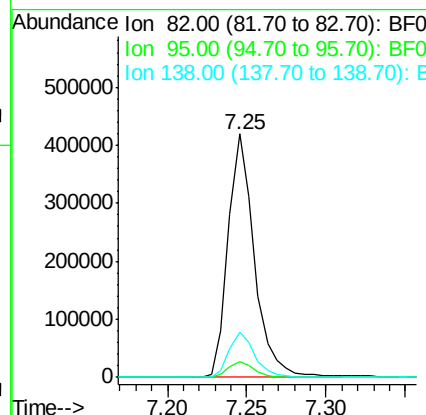
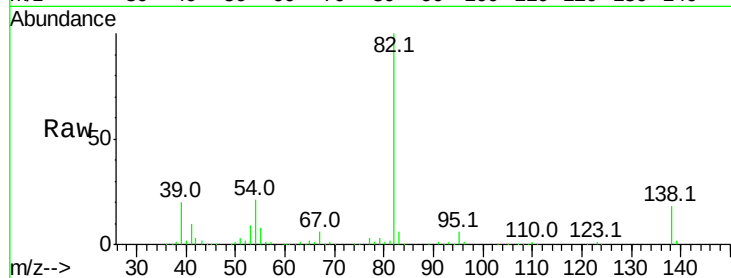
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	481273
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.4	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#26

2-Nitrophenol

Concen: 41.666 ng

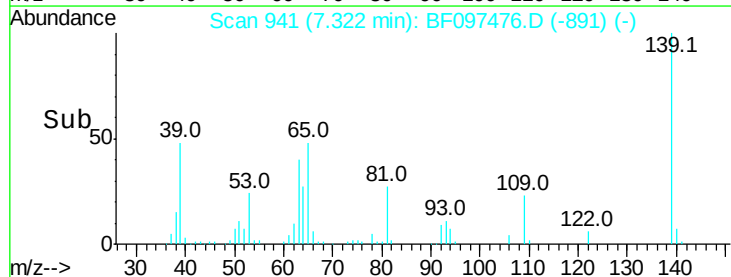
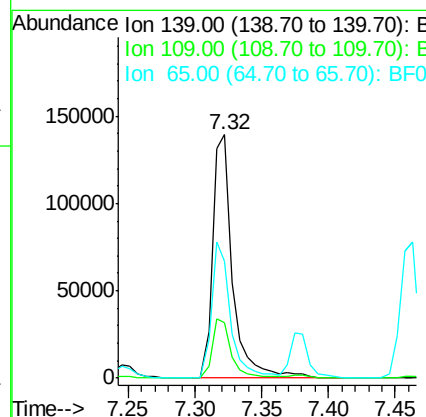
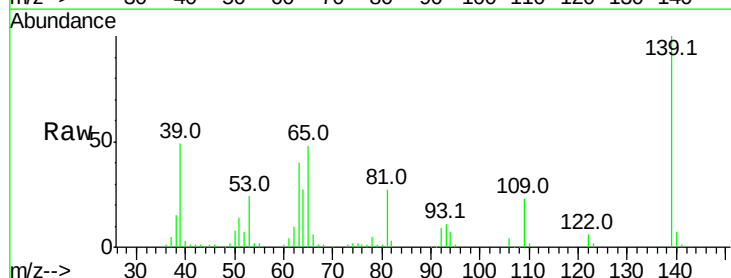
RT: 7.32 min Scan# 941

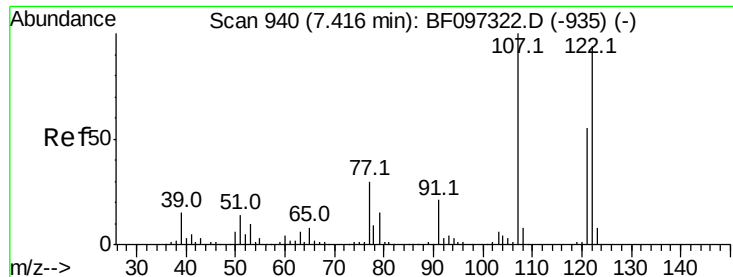
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	139	Resp:	146332
Ion Ratio	Lower	Upper	
139	100		
109	22.9	21.0	31.6
65	48.2	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 40.523 ng

RT: 7.38 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

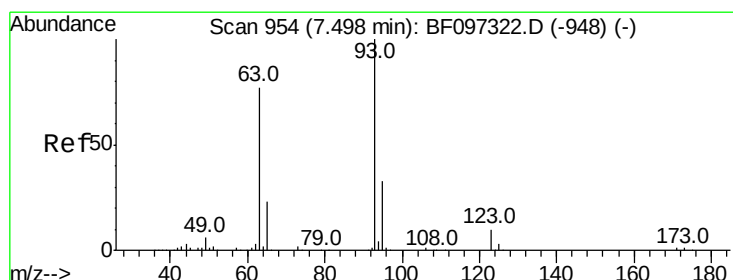
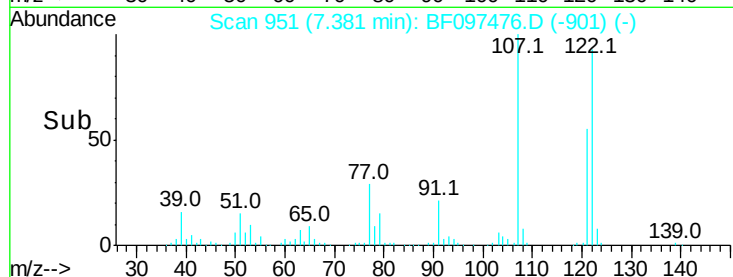
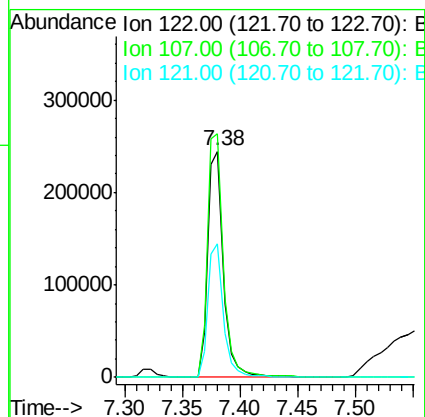
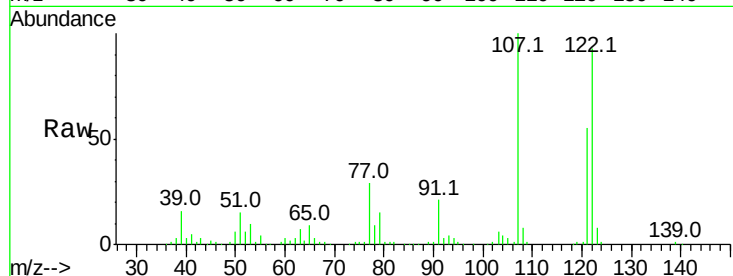
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	234764
Ion Ratio	Lower	Upper	
122	100		
107	107.6	89.2	133.8
121	59.0	45.2	67.8

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.605 ng

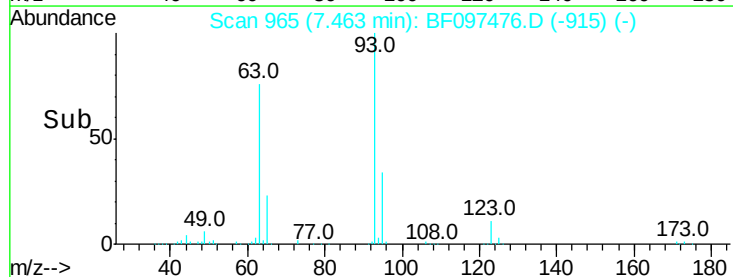
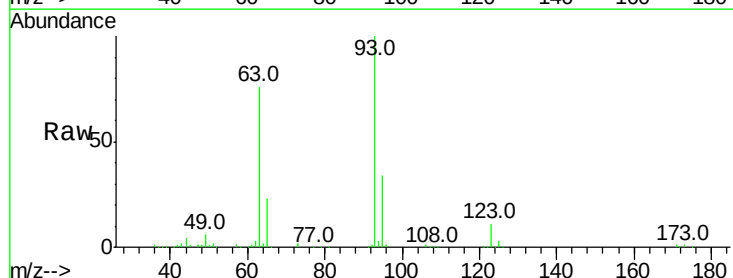
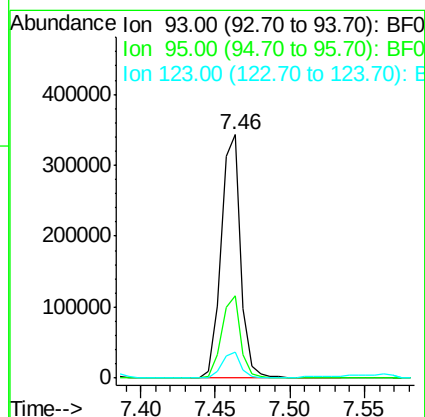
RT: 7.46 min Scan# 965

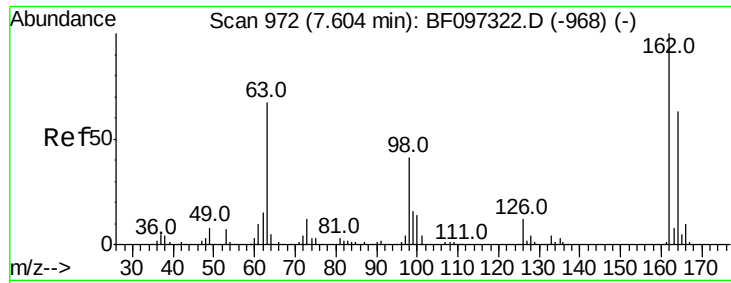
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	93	Resp:	315483
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.5	39.7
123	10.9	9.0	13.4





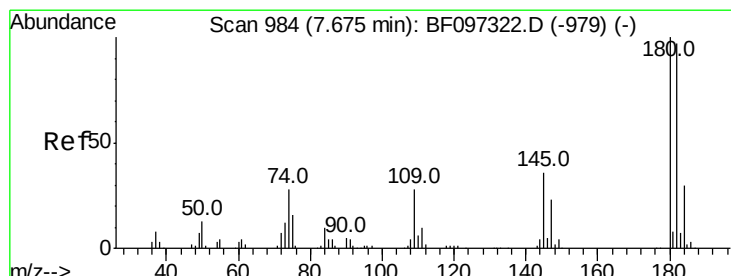
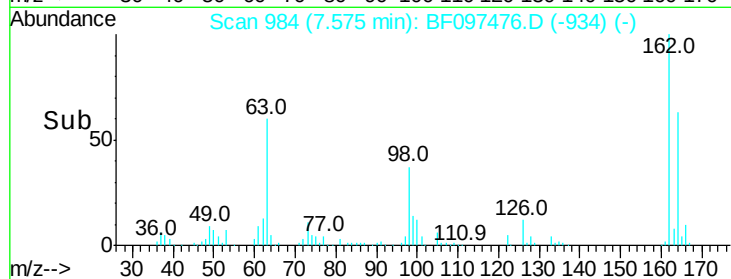
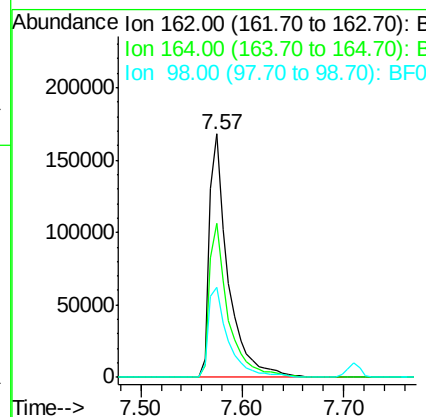
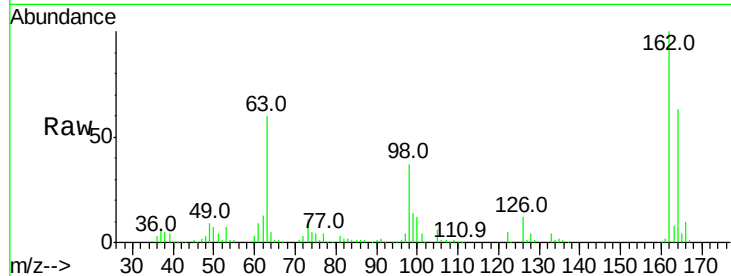
#29
 2,4-Dichlorophenol
 Concen: 42.810 ng
 RT: 7.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	213658
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.6	84.6
98	36.9	14.8	54.8

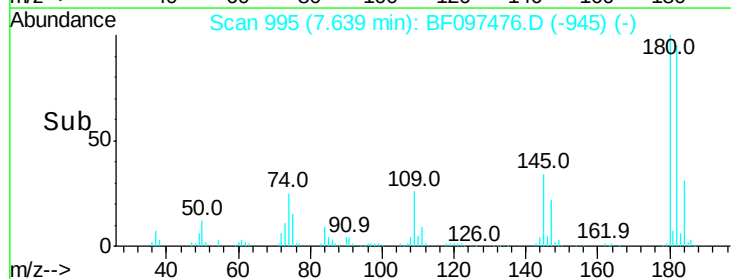
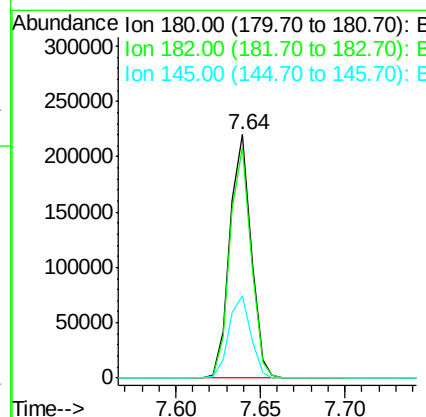
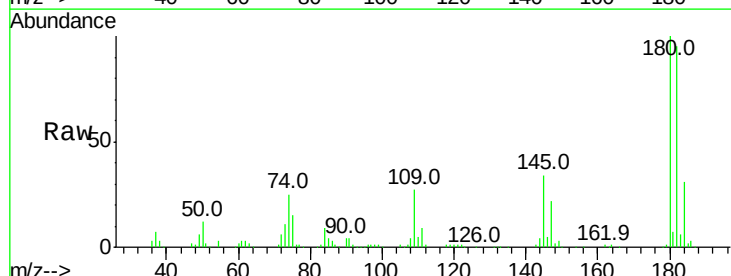
Manual Integrations
 APPROVED

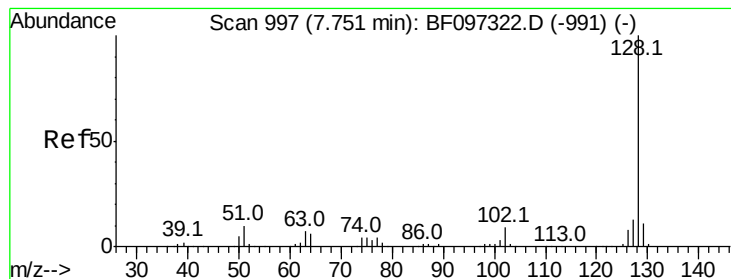
Sohil
 8/9/2017 7:16:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.635 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:	180	Resp:	193309
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.6
145	33.9	25.3	37.9





#31

Naphthalene

Concen: 40.828 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

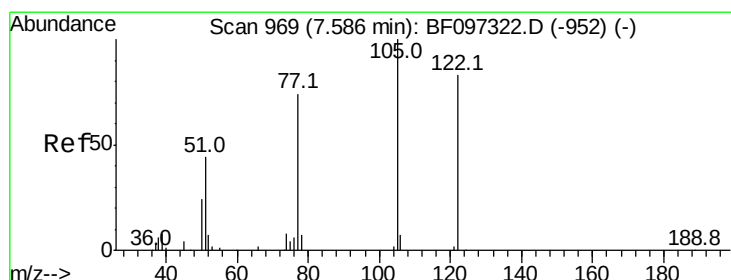
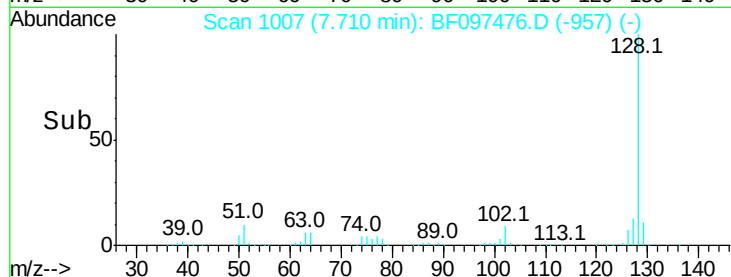
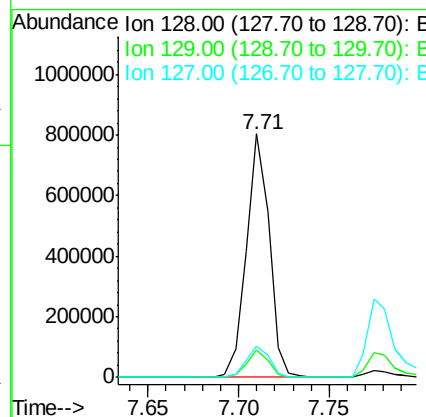
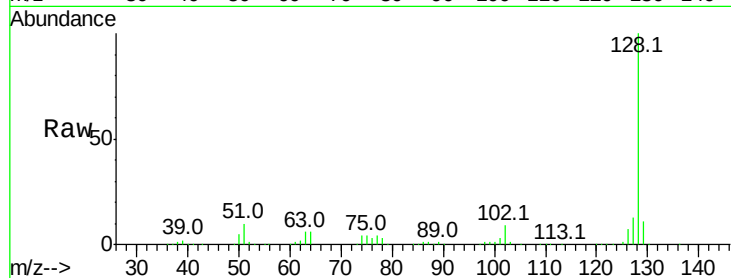
ClientSampleId :

SSTDCCC040

Tot Ion:128	Resp:	703727
Ion Ratio	Lower	Upper
128 100		
129 11.4	9.0	13.6
127 13.0	10.8	16.2

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#32

Benzoic acid

Concen: 41.144 ng

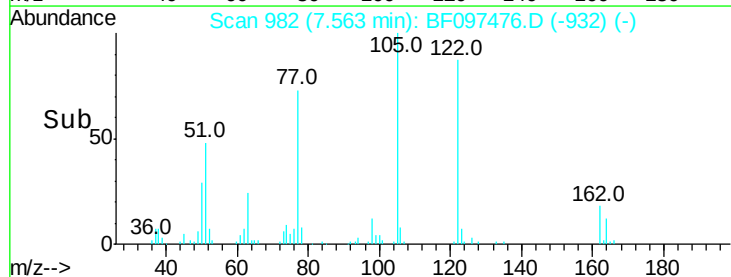
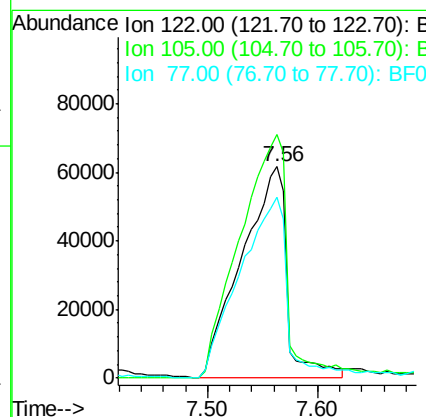
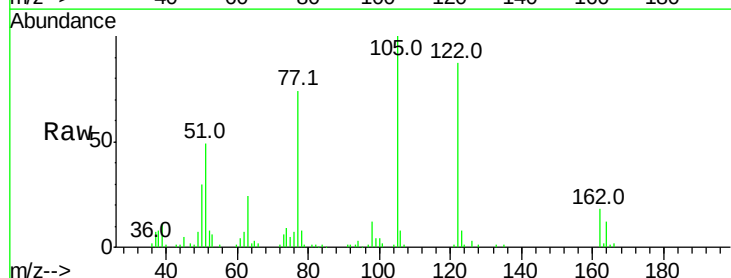
RT: 7.56 min Scan# 982

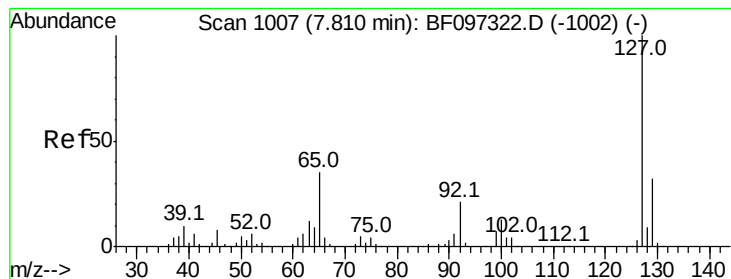
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:122	Resp:	177992
Ion Ratio	Lower	Upper
122 100		
105 115.1	103.3	143.3
77 85.3	73.7	113.7





#33

4-Chloroaniline

Concen: 39.271 ng

RT: 7.77 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

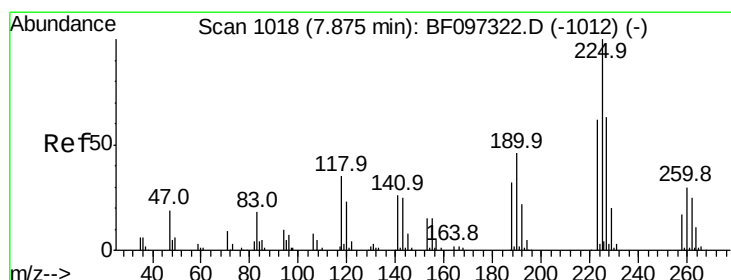
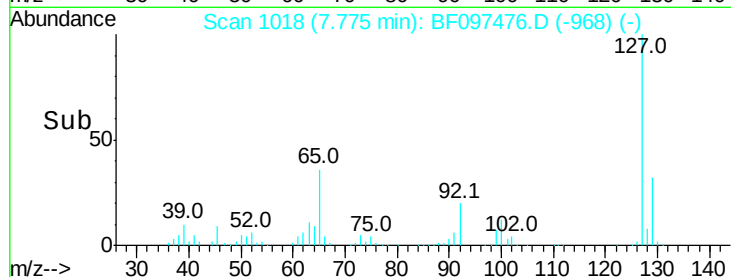
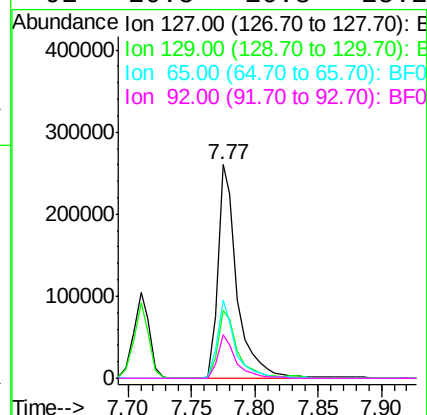
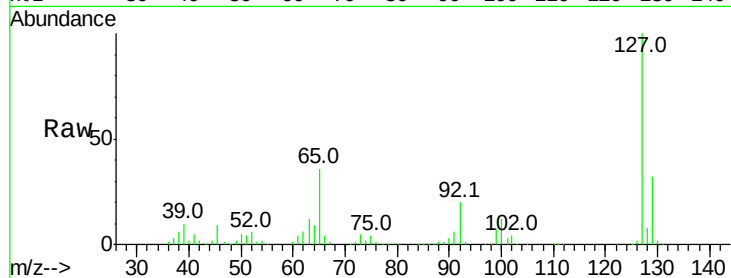
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	275423		
129	31.8		26.2	39.2
65	36.3		27.8	41.8
92	20.5		16.8	25.2

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#34

Hexachlorobutadiene

Concen: 38.809 ng

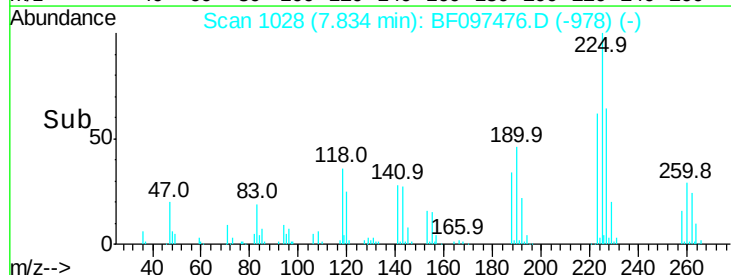
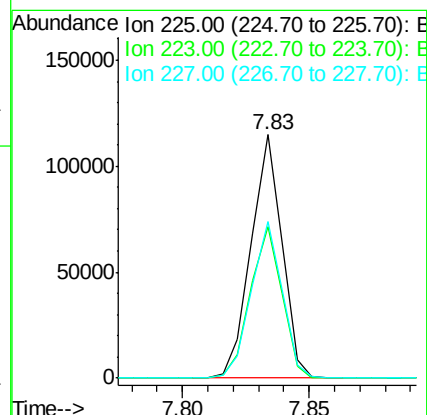
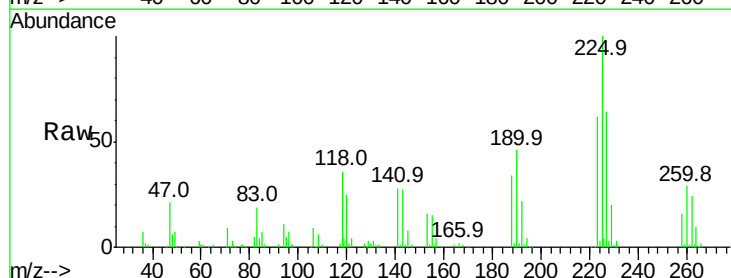
RT: 7.83 min Scan# 1028

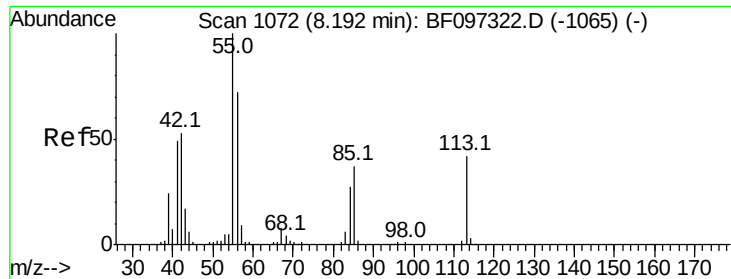
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97877		
223	62.0		48.8	73.2
227	64.1		51.1	76.7





#35

Caprolactam

Concen: 41.005 ng/mL

RT: 8.16 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion:113 Resp: 65623

Ion Ratio Lower Upper

113 100

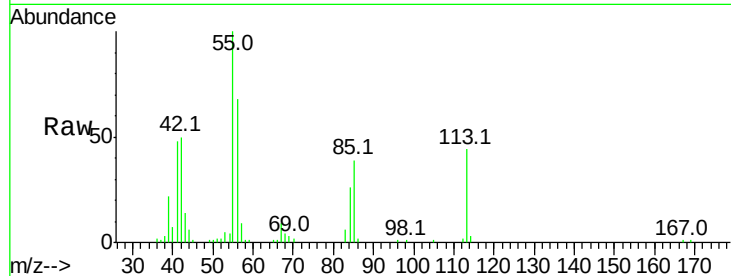
55 228.1 150.2 190.2#

56 155.9 107.8 147.8#

Manual Integrations
APPROVED

Sohil

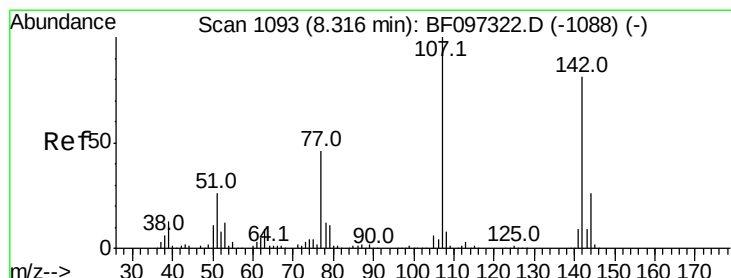
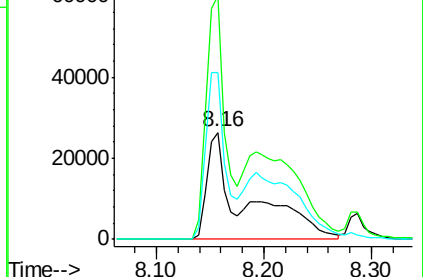
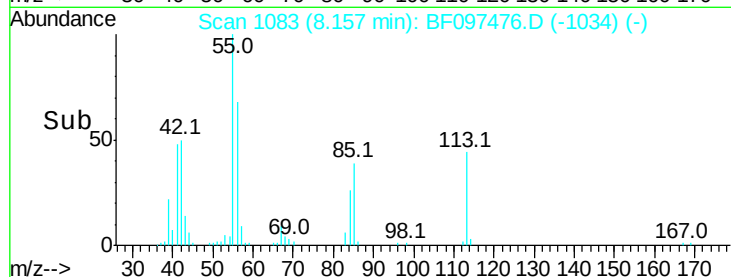
8/9/2017 7:16:20 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.819 ng/mL

RT: 8.29 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

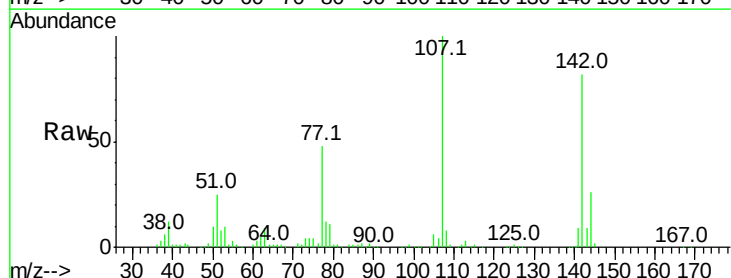
Tgt Ion:107 Resp: 233145

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

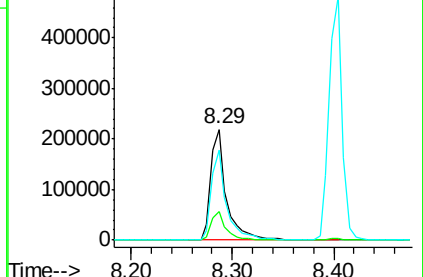
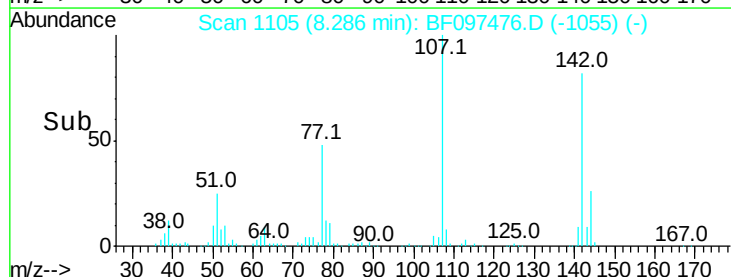
142 81.6 73.4 110.0

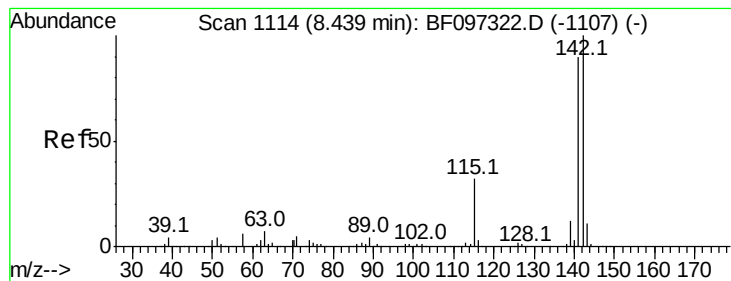


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





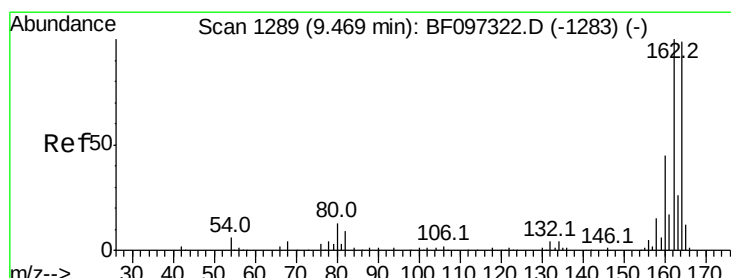
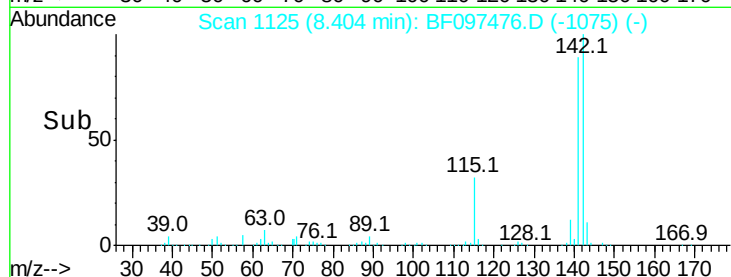
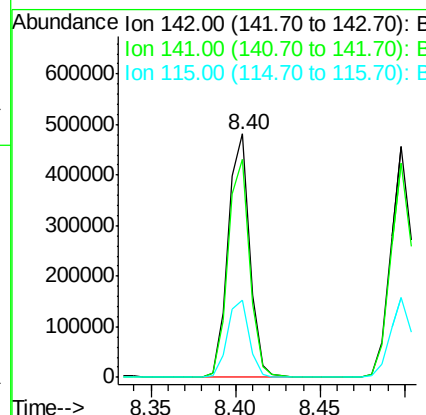
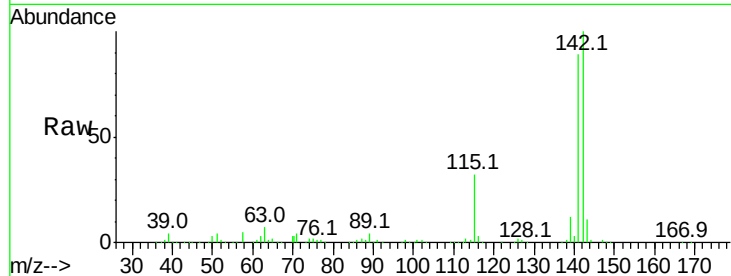
#37
 2-Methylnaphthalene
 Concen: 39.148 ng
 RT: 8.40 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	31.6	27.1	40.7

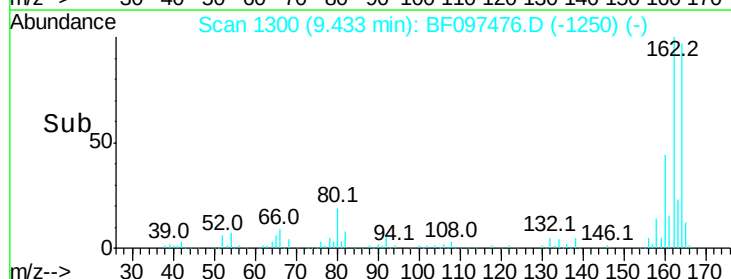
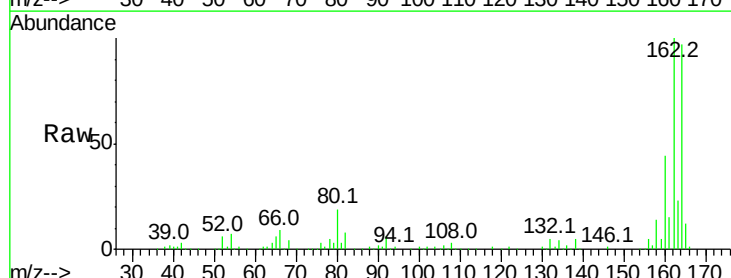
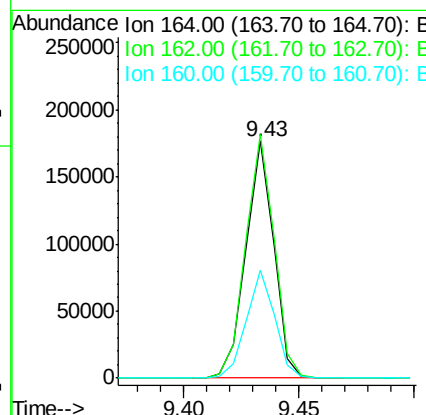
Manual Integrations
 APPROVED

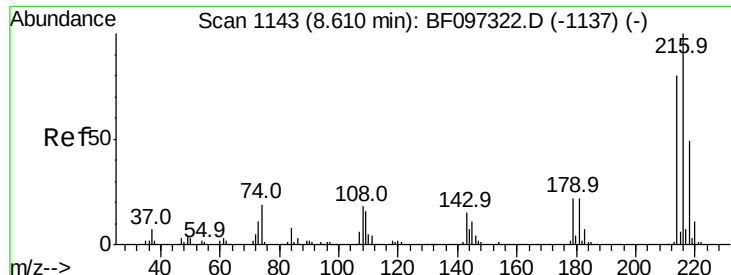
Sohil
 8/9/2017 7:16:20 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.7	36.2	54.2





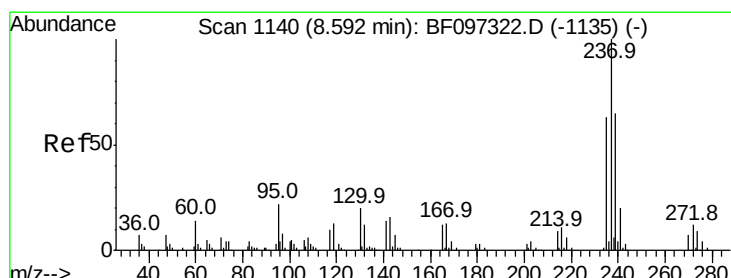
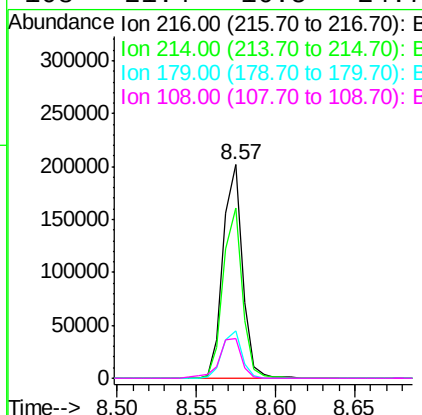
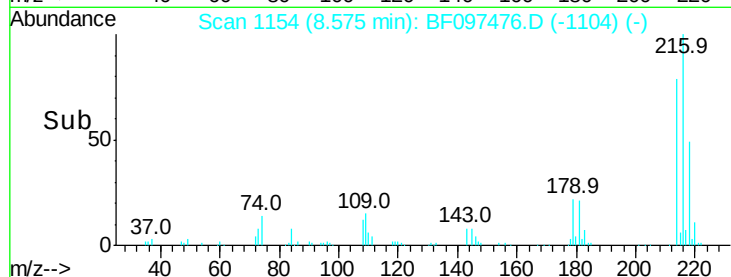
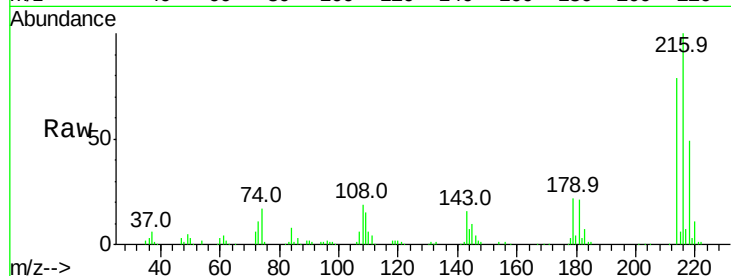
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.925 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	171688		
214	78.9	63.4	95.2	
179	22.3	17.9	26.9	
108	21.4	16.5	24.7	

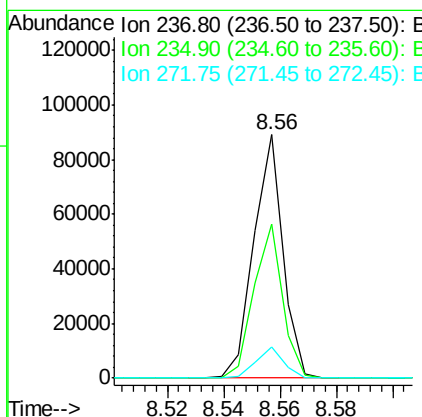
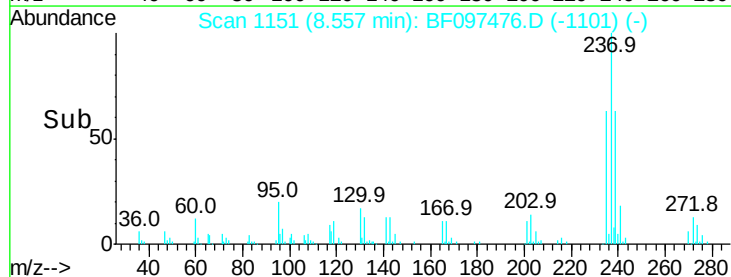
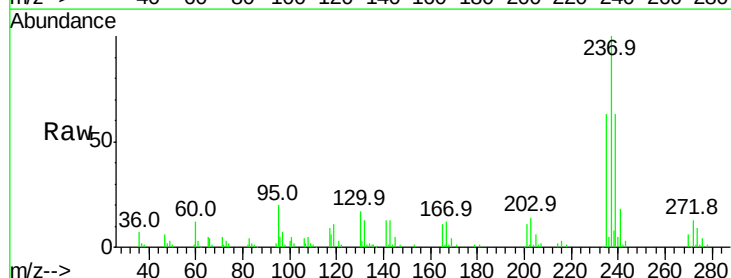
Manual Integrations
 APPROVED

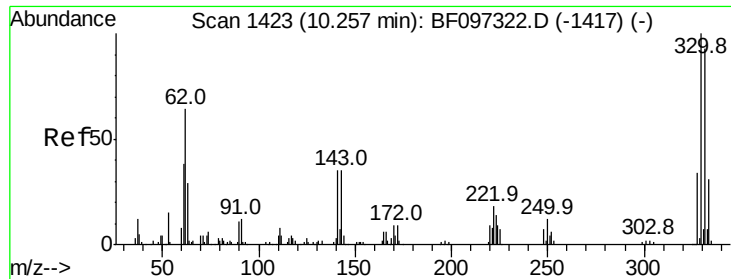
Sohil
 8/9/2017 7:16:20 PM



#40
 Hexachlorocyclopentadiene
 Concen: 48.432 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	63775		
235	63.1	42.6	82.6	
272	12.6	0.0	31.9	





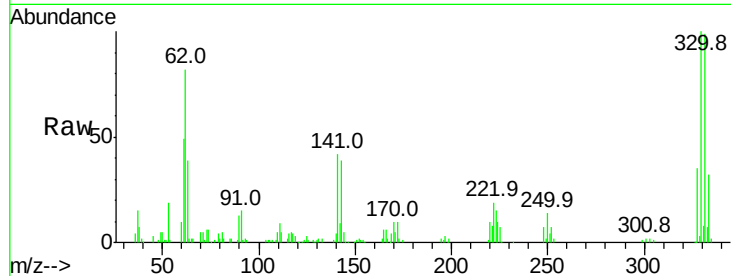
#41
 2,4,6-Tribromophenol
 Concen: 90.015 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

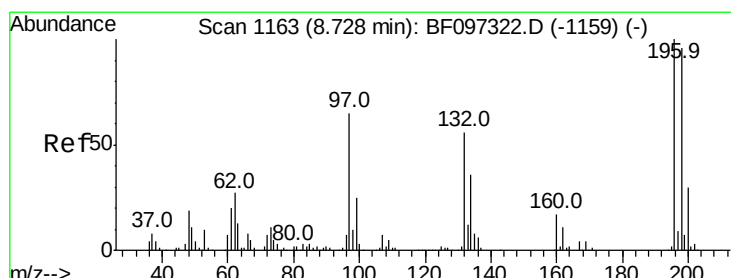
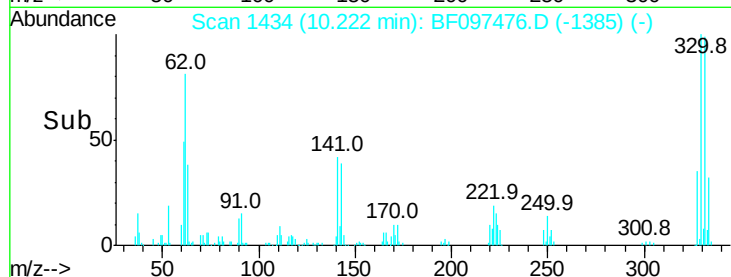
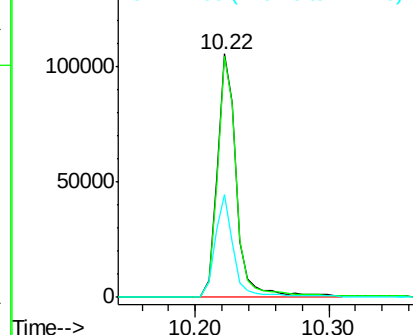
Tot Ion	Ratio	Resp	Lower	Upper
330	100	106610		
332	99.7	76.6	115.0	
141	40.0	31.4	47.2	

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:20 PM



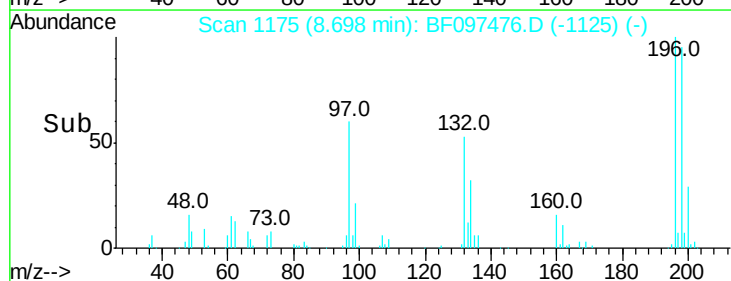
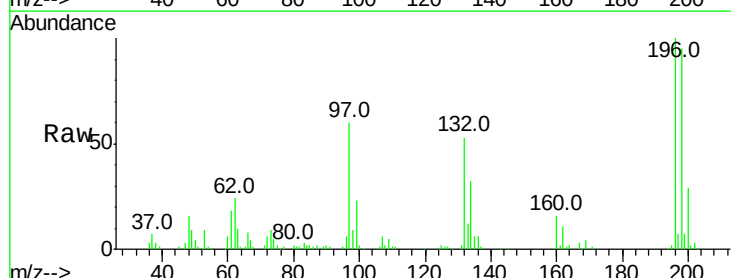
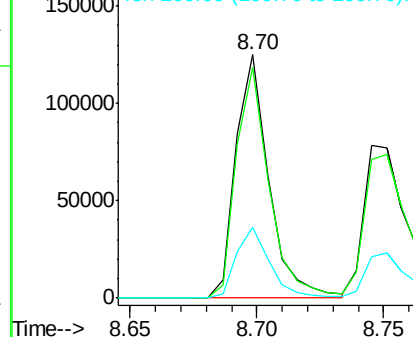
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

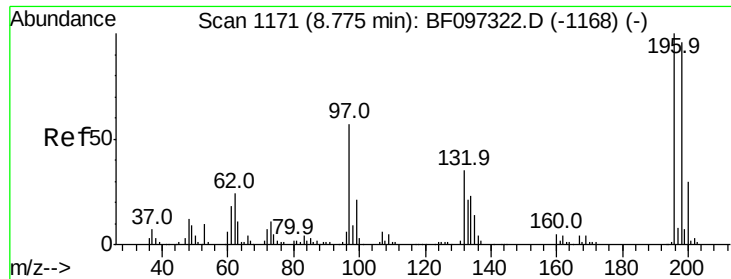


#42
 2,4,6-Trichlorophenol
 Concen: 39.097 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113324		
198	94.6	74.2	111.4	
200	29.0	24.0	36.0	

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





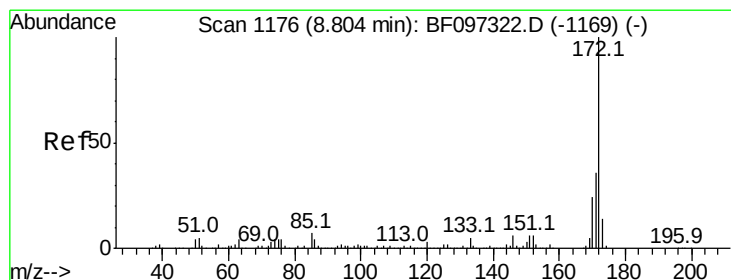
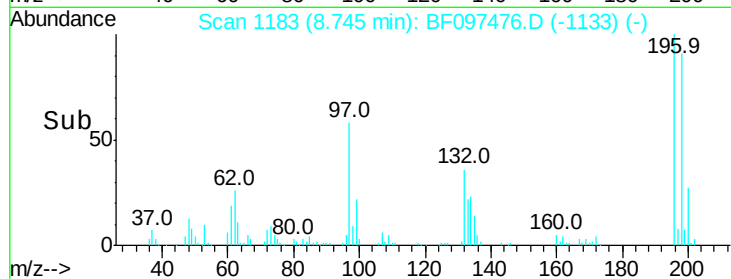
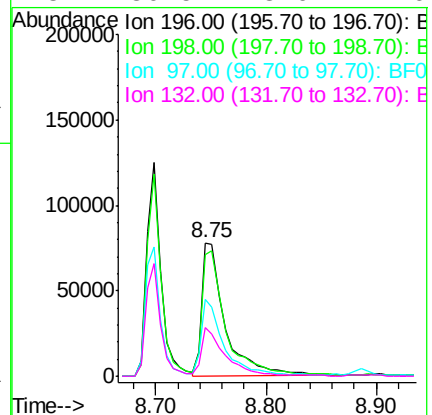
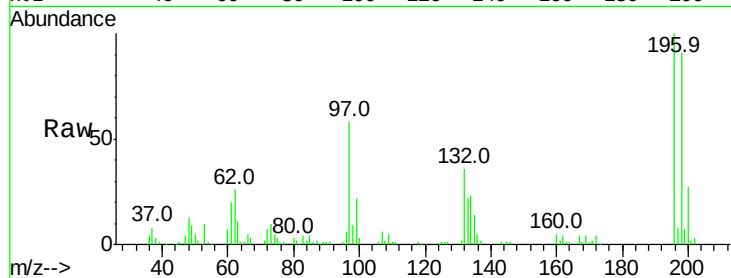
#43
 2,4,5-Trichlorophenol
 Concen: 38.620 ng
 RT: 8.75 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112043		
198	90.9	75.7	113.5	
97	57.7	47.7	71.5	
132	36.5	28.0	42.0	

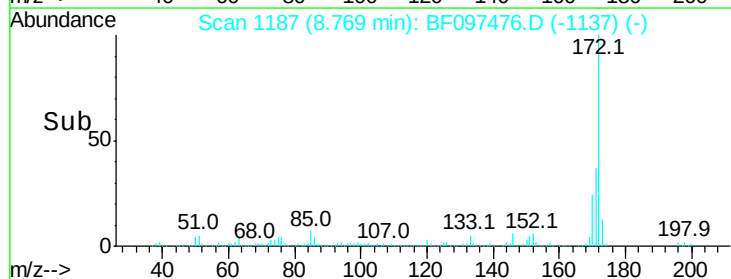
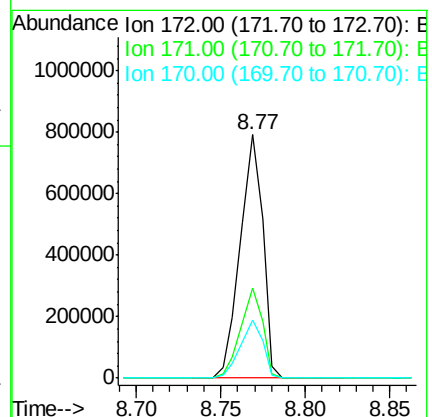
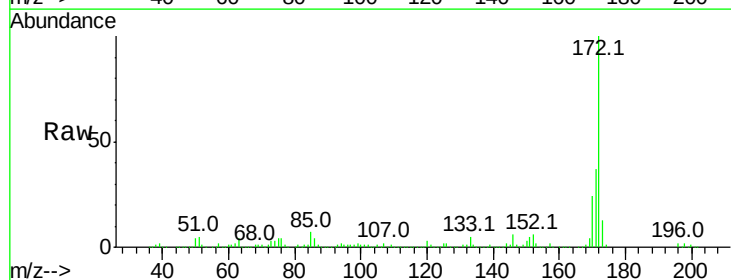
Manual Integrations
 APPROVED

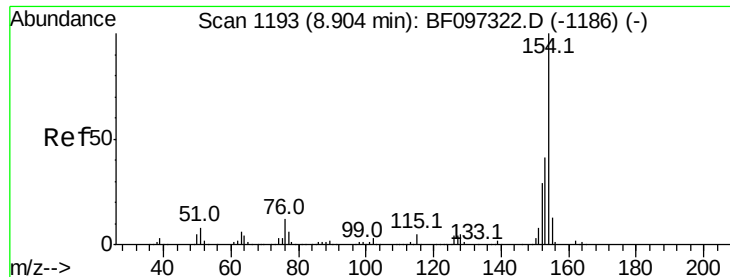
Sohil
 8/9/2017 7:16:20 PM



#44
 2-Fluorobiphenyl
 Concen: 83.756 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	739795		
171	36.8	29.6	44.4	
170	23.8	19.8	29.8	





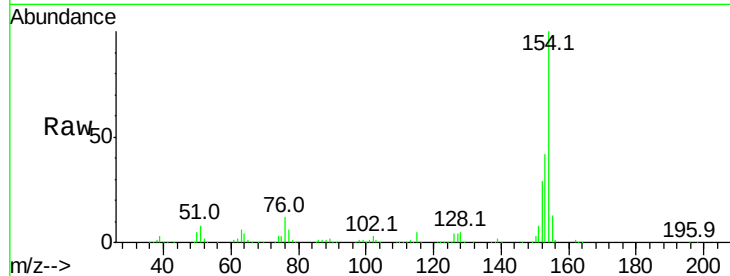
#45
 1,1'-Biphenyl
 Concen: 44.537 ng
 RT: 8.87 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

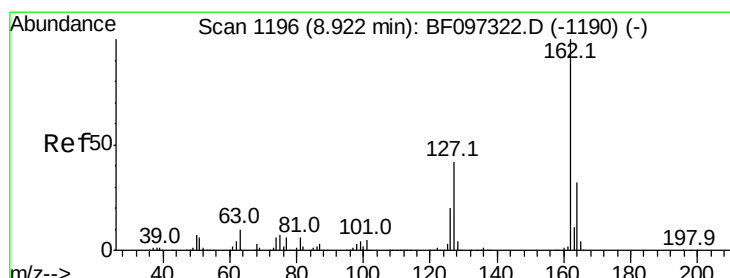
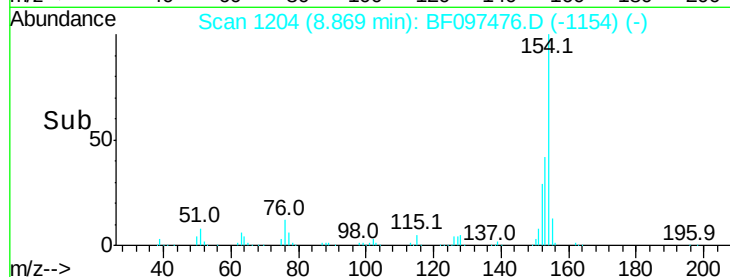
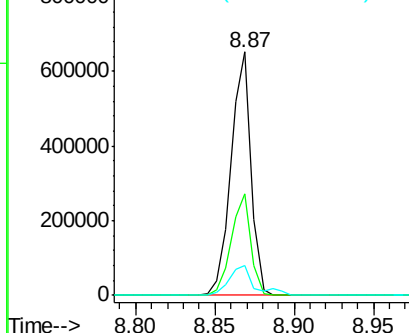
Tot Ion:	154	Resp:	570233
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.2	61.2
76	12.3	0.0	29.9

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:20 PM

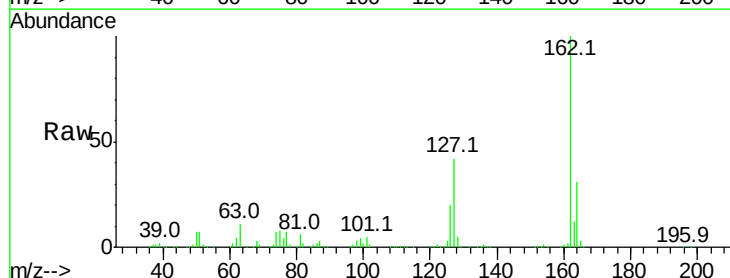


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

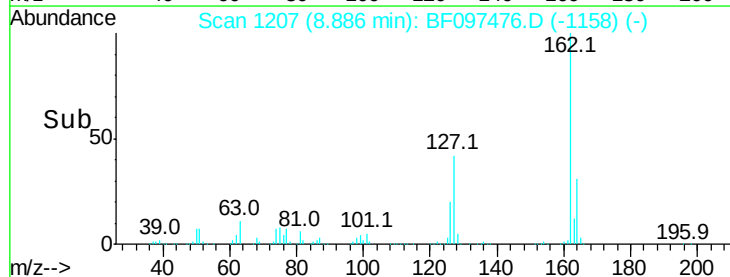
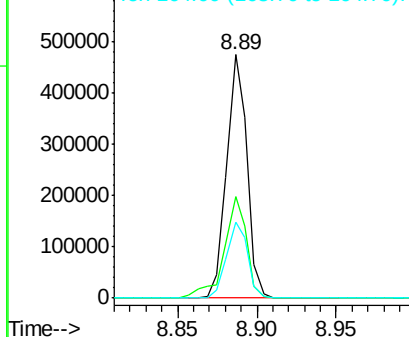


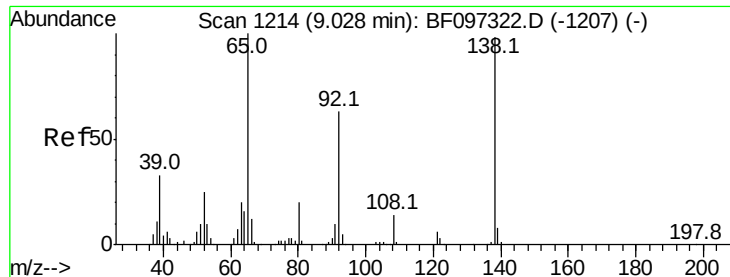
#46
 2-Chloronaphthalene
 Concen: 44.705 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:	162	Resp:	421214
Ion Ratio	Lower	Upper	
162	100		
127	41.6	28.3	42.5
164	31.3	27.0	40.4



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





#47

2-Nitroaniline

Concen: 46.850 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

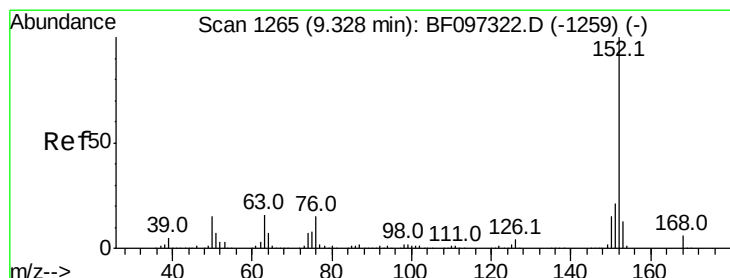
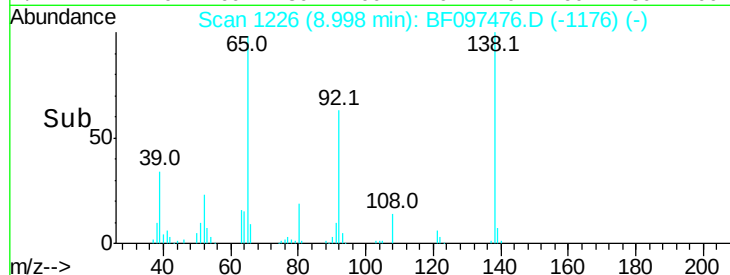
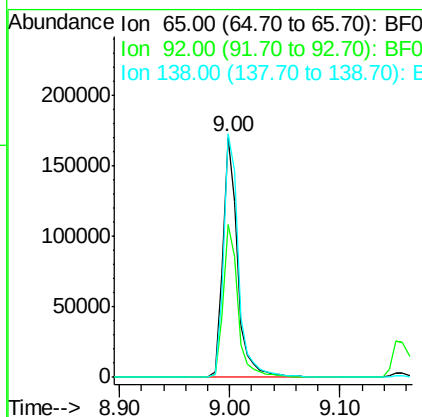
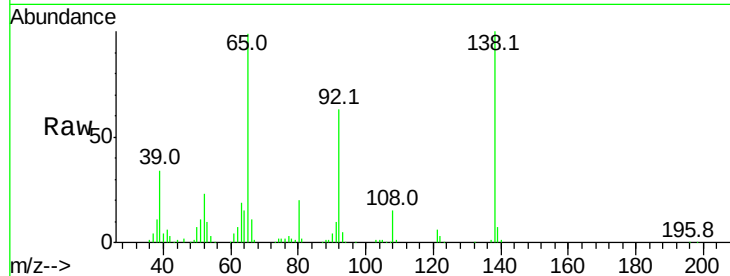
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	53.9	80.9
138	101.3	78.8	118.2

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#48

Acenaphthylene

Concen: 42.880 ng

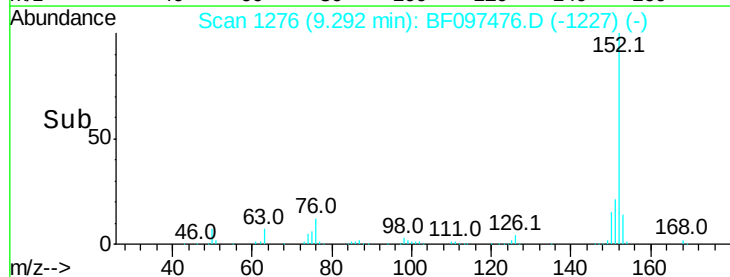
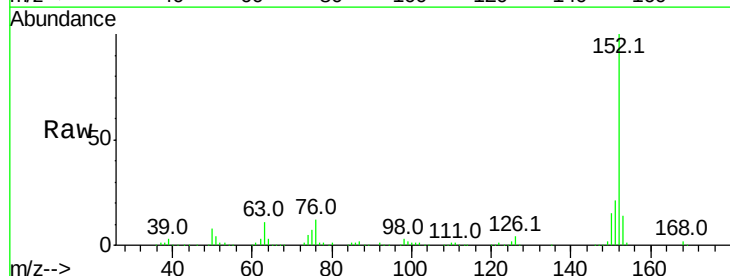
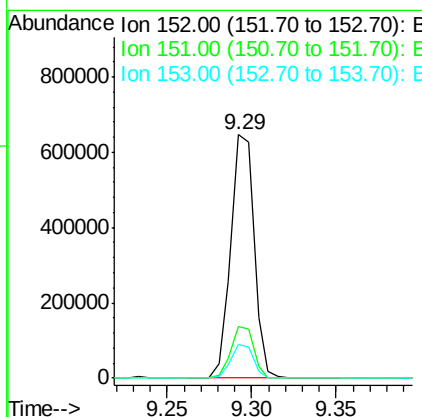
RT: 9.29 min Scan# 1276

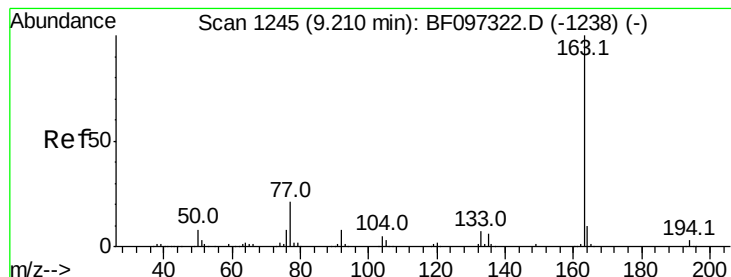
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.1	10.8	16.2





#49

Dimethylphthalate

Concen: 43.316 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

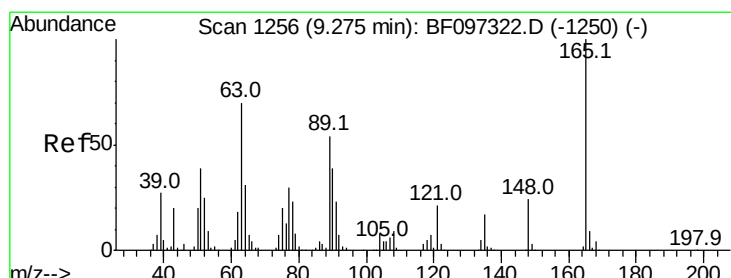
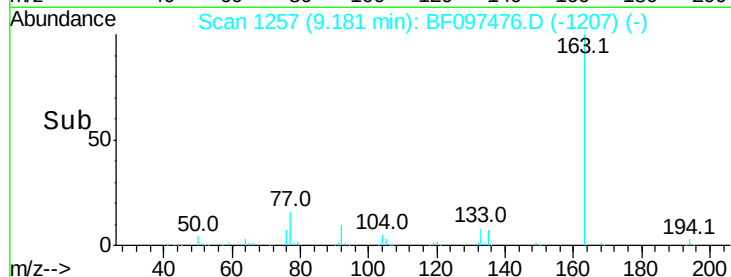
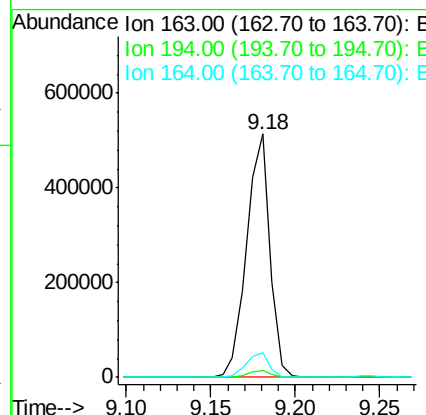
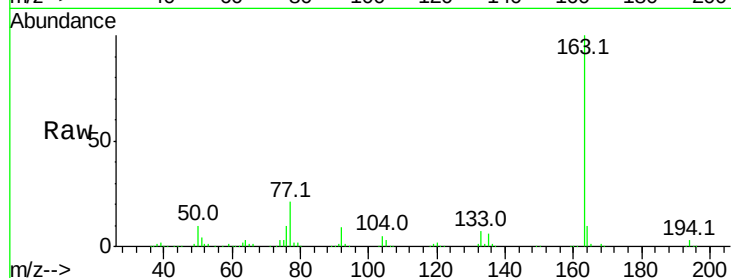
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	493081		
194	3.0	2.6	4.0	
164	10.0	8.4	12.6	

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#50

2,6-Dinitrotoluene

Concen: 43.722 ng

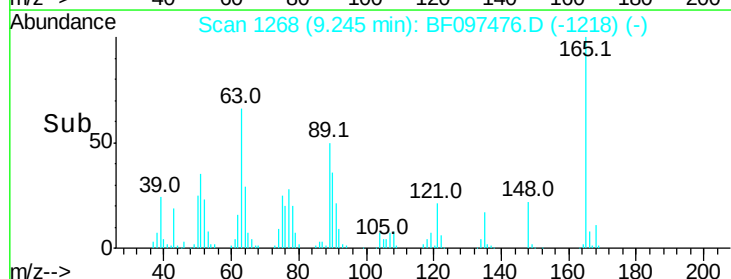
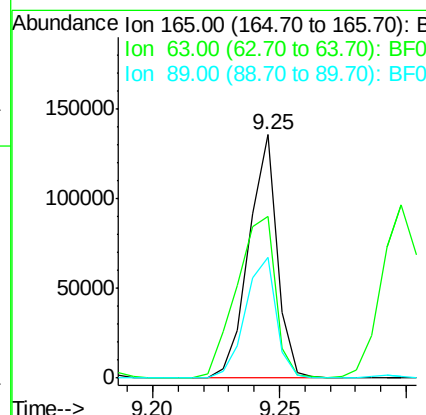
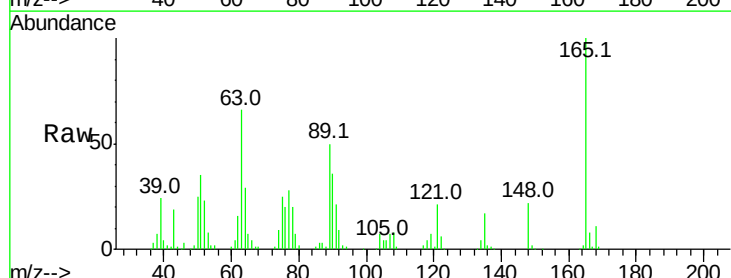
RT: 9.25 min Scan# 1268

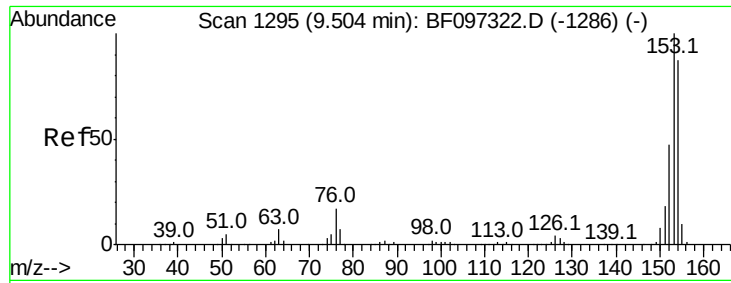
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	105559		
63	66.3	34.3	51.5#	
89	49.8	37.1	55.7	





#51

Acenaphthene

Concen: 44.611 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

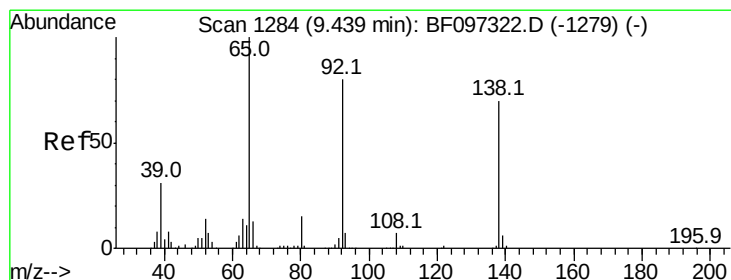
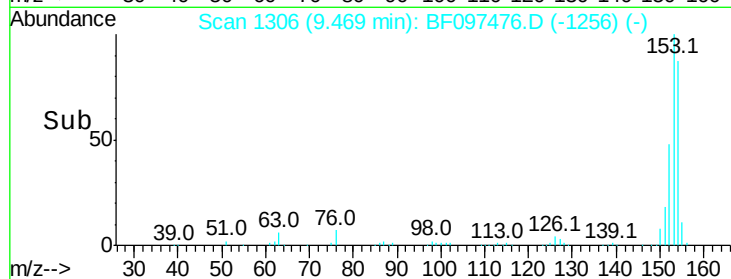
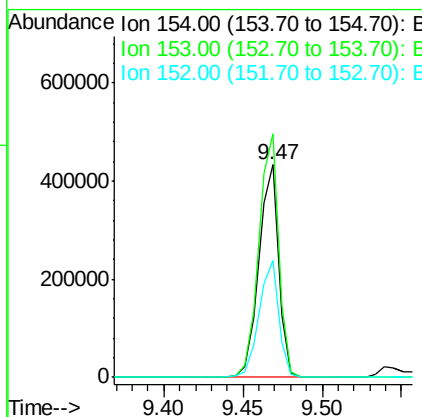
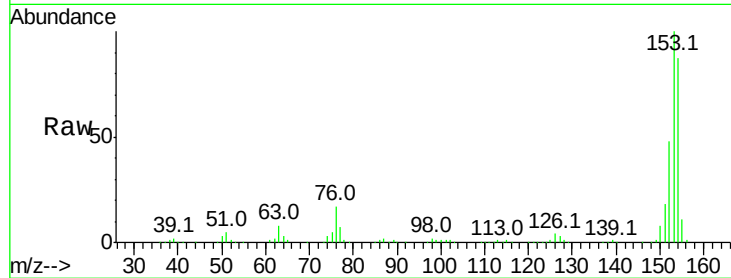
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	380029
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#52

3-Nitroaniline

Concen: 41.745 ng

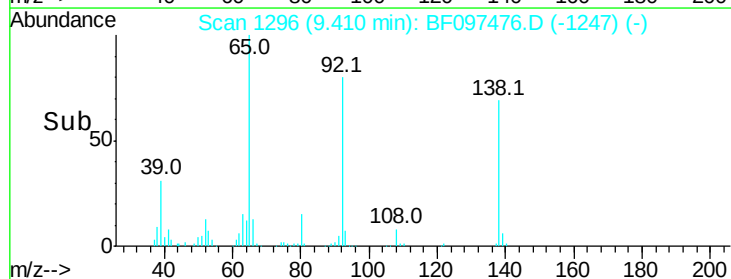
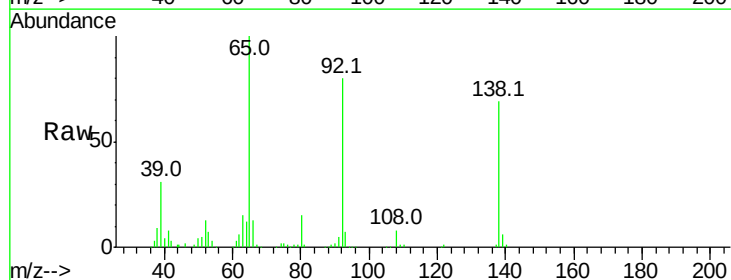
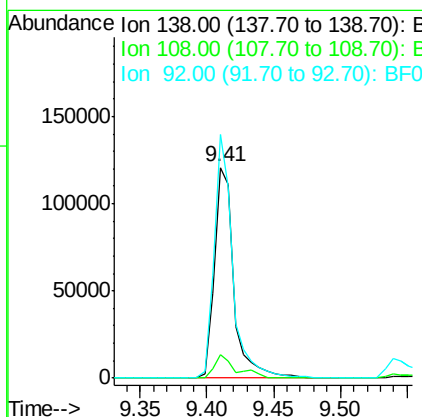
RT: 9.41 min Scan# 1296

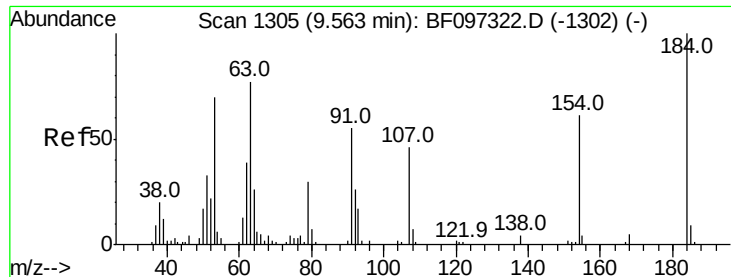
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	138	Resp:	125100
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	115.6	93.8	140.6





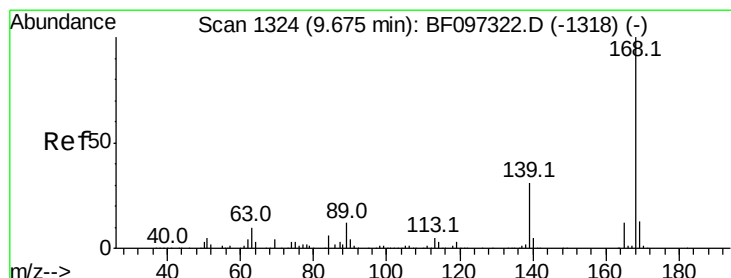
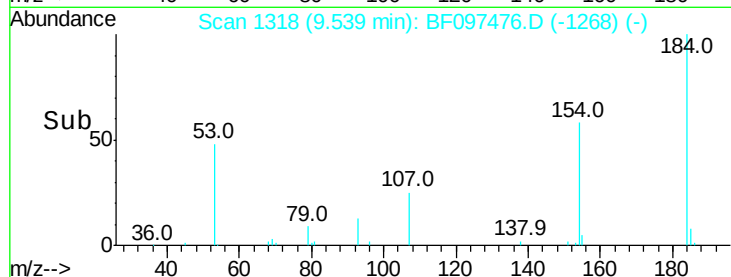
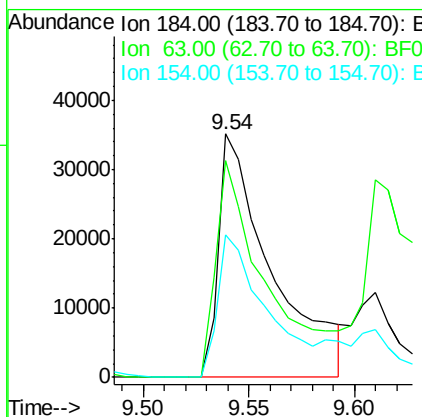
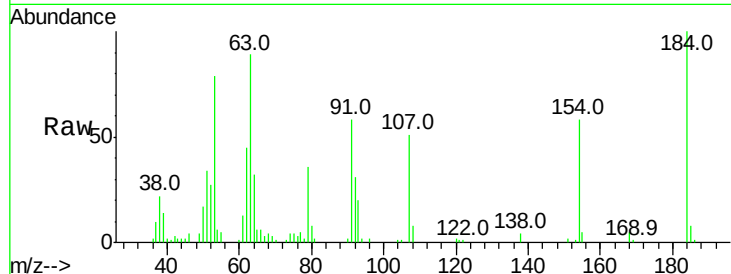
#53
 2,4-Dinitrophenol
 Concen: 55.649 ng
 RT: 9.54 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.9	62.7	94.1
154	58.4	81.1	121.7#

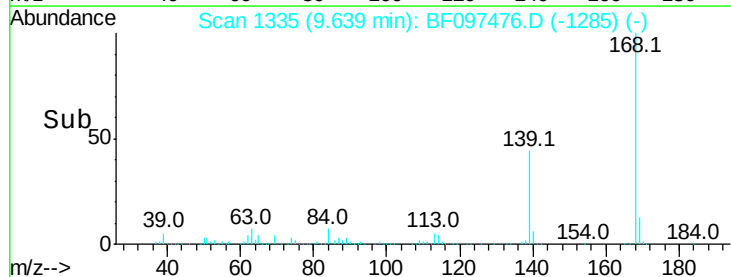
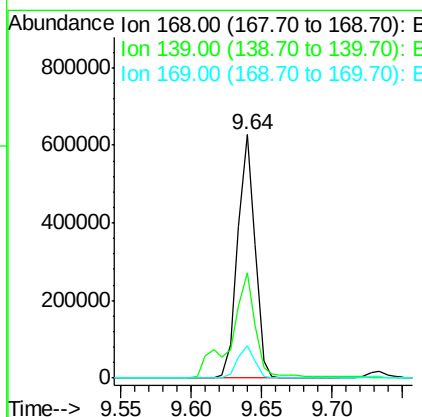
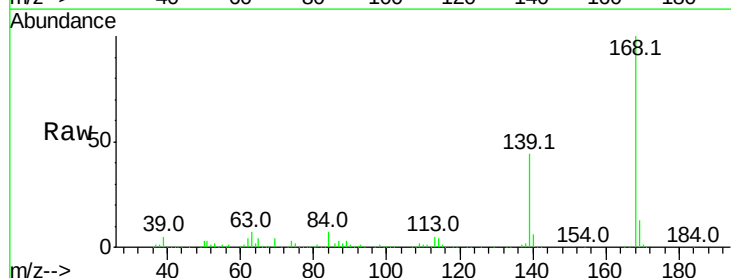
Manual Integrations
 APPROVED

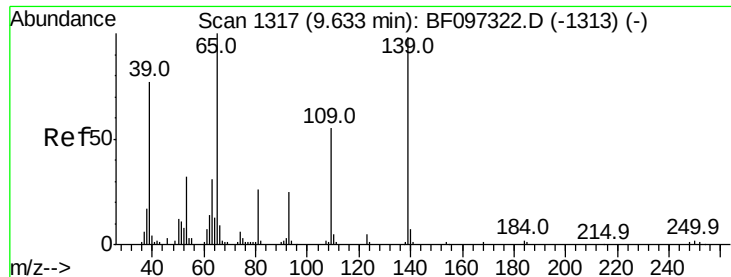
Sohil
 8/9/2017 7:16:20 PM



#54
 Dibenzofuran
 Concen: 46.908 ng
 RT: 9.64 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.5	30.6	45.8
169	13.3	10.8	16.2





#55

4-Nitrophenol

Concen: 37.233 ng/mL

RT: 9.62 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

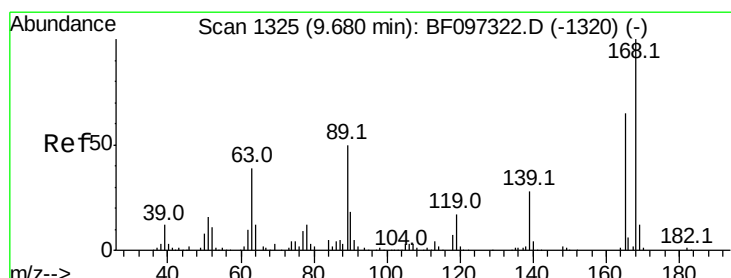
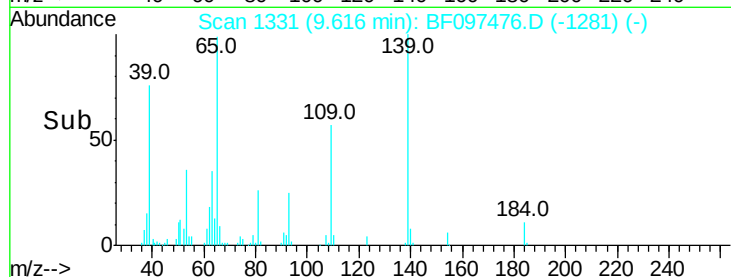
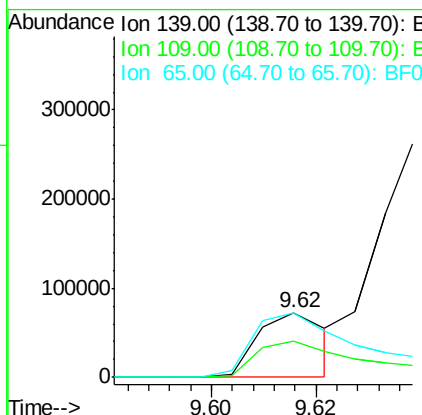
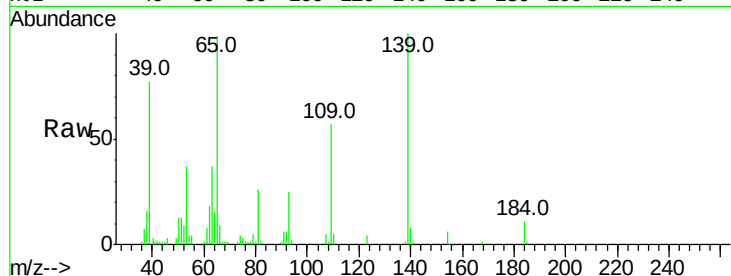
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	66353
Ion Ratio	Lower	Upper	
139	100		
109	56.6	34.1	74.1
65	99.1	31.4	71.4#

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#56

2,4-Dinitrotoluene

Concen: 52.585 ng/mL

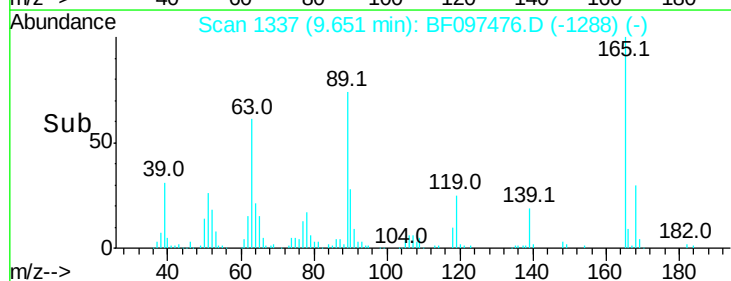
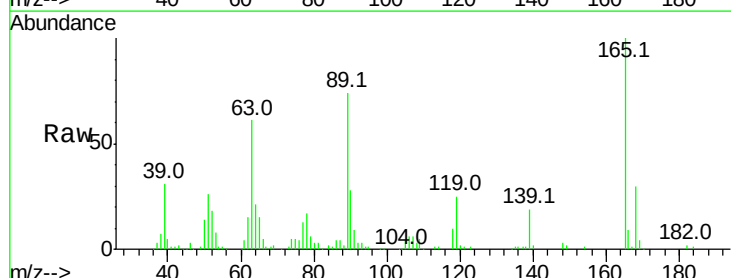
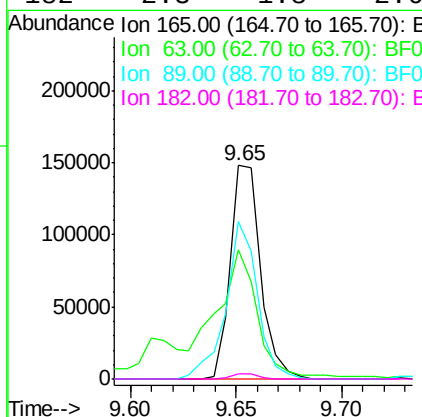
RT: 9.65 min Scan# 1337

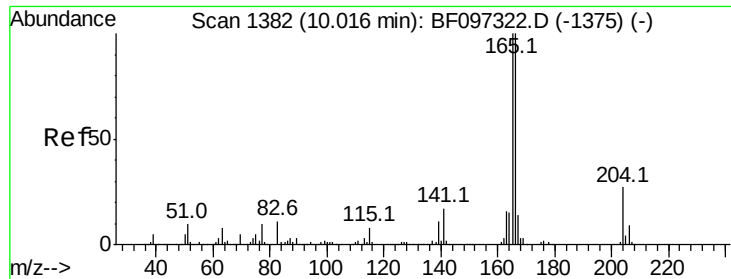
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	165	Resp:	145948
Ion Ratio	Lower	Upper	
165	100		
63	60.7	25.4	38.0#
89	73.8	46.4	69.6#
182	2.3	1.8	2.6





#57

Fluorene

Concen: 44.906 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

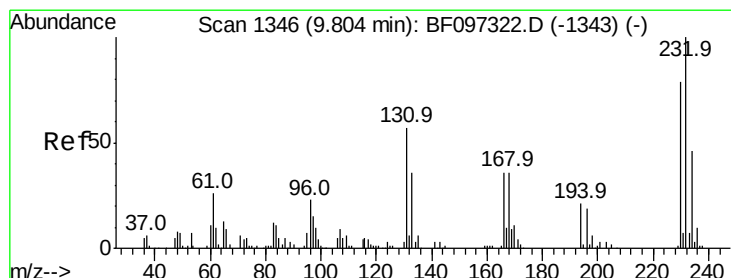
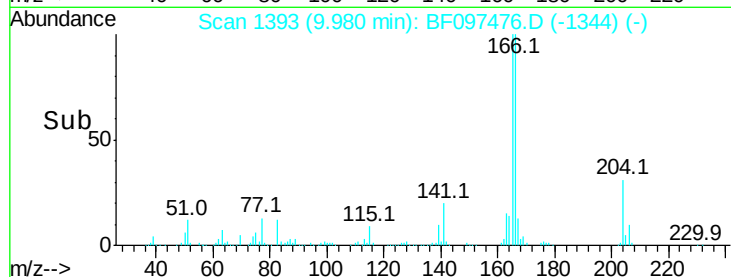
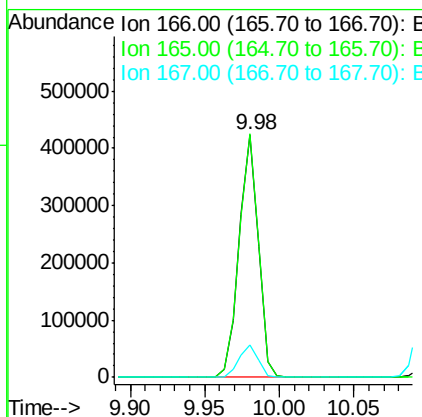
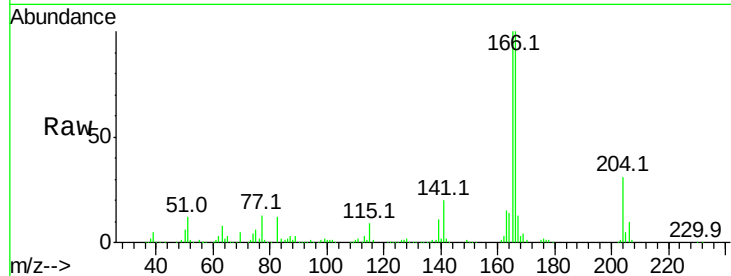
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	382967
Ion Ratio	Lower	Upper	
166	100		
165	100.2	78.8	118.2
167	13.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.052 ng

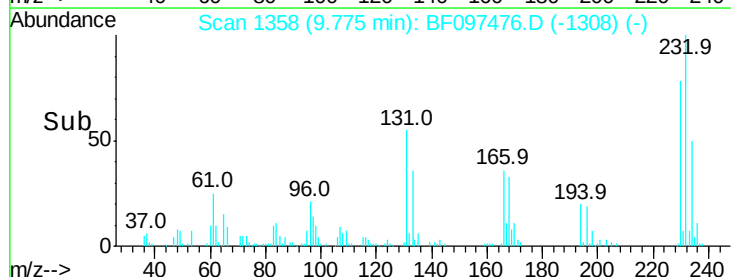
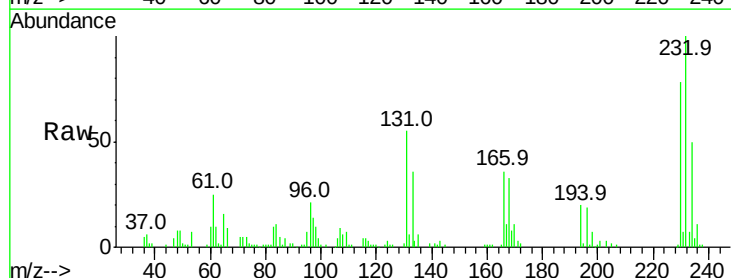
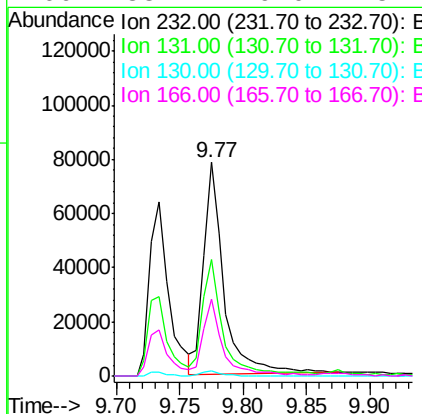
RT: 9.77 min Scan# 1358

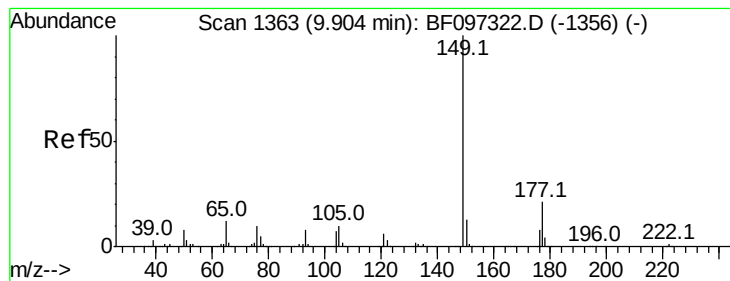
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	232	Resp:	88243
Ion Ratio	Lower	Upper	
232	100		
131	55.3	44.8	67.2
130	2.3	2.3	3.5#
166	33.2	29.0	43.4





#59

Diethylphthalate

Concen: 42.923 ng

RT: 9.87 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

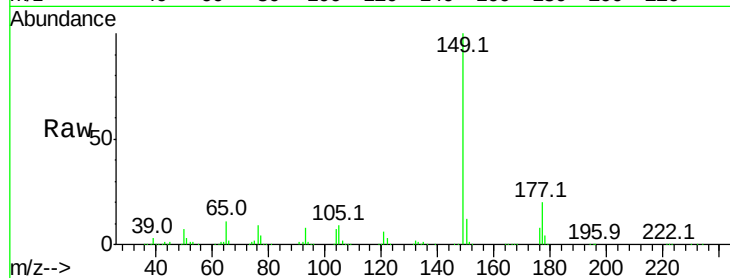
ClientSampleId :

SSTDCCC040

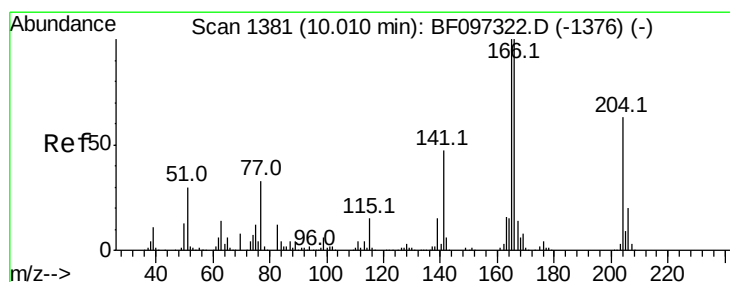
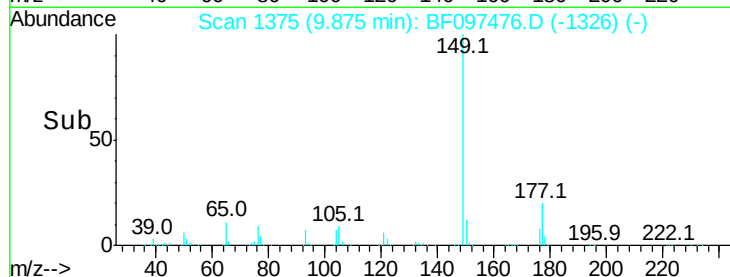
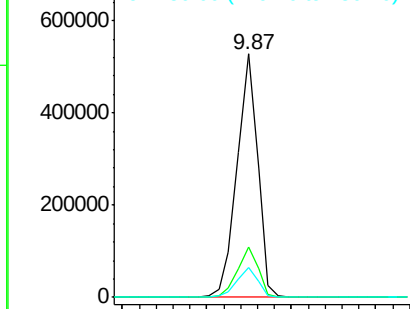
Tot Ion:	149	Resp:	448256
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.7	25.1
150	12.4	10.2	15.2

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.870 ng

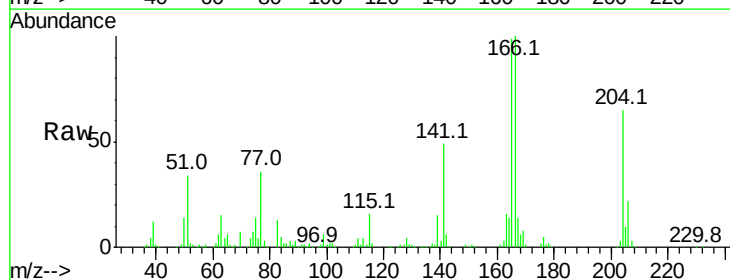
RT: 9.97 min Scan# 1392

Delta R.T. -0.01 min

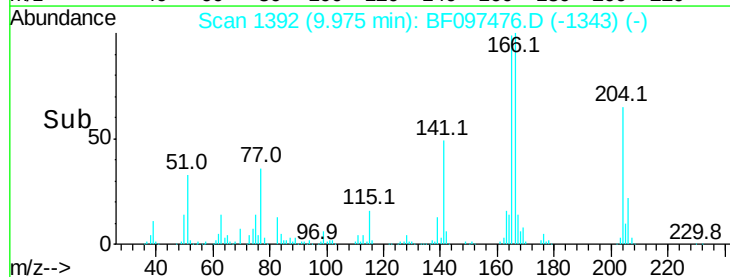
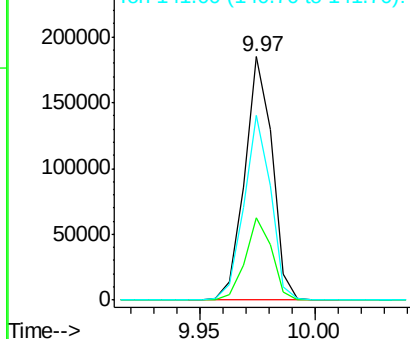
Lab File: BF097476.D

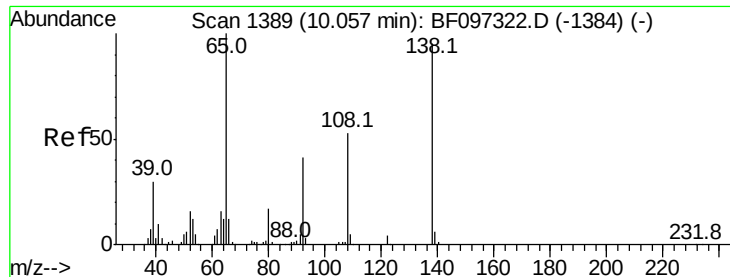
Acq: 8 Aug 2017 18:50

Tgt Ion:	204	Resp:	154494
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.2	39.2
141	75.7	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.865 ng

RT: 10.03 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

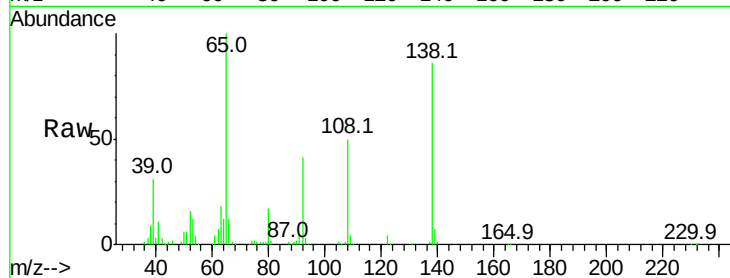
ClientSampleId :

SSTDCCC040

Tot Ion:138	Resp:	124904
Ion Ratio	Lower	Upper
138 100		
92 47.5	21.8	61.8
108 58.1	42.3	82.3

Manual Integrations
APPROVED

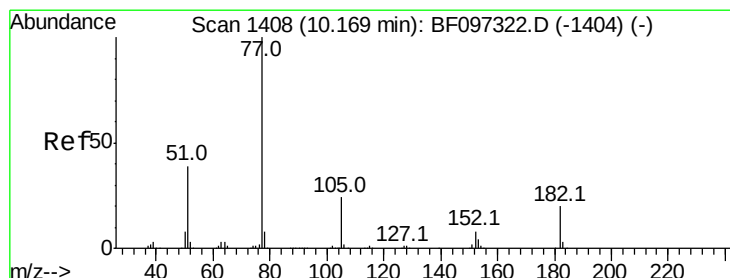
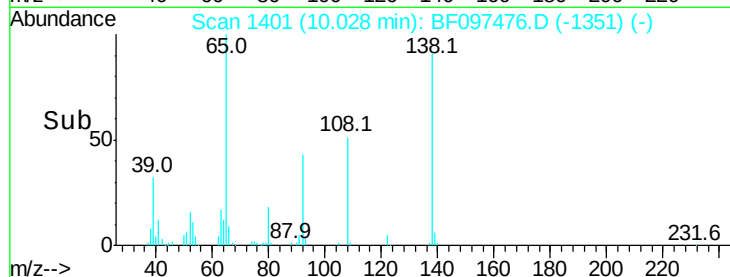
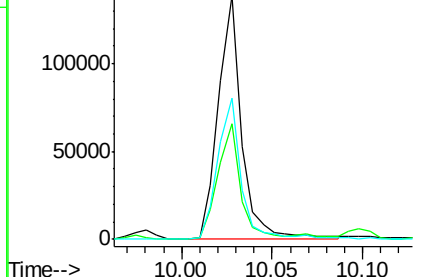
Sohil
8/9/2017 7:16:20 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.744 ng

RT: 10.13 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

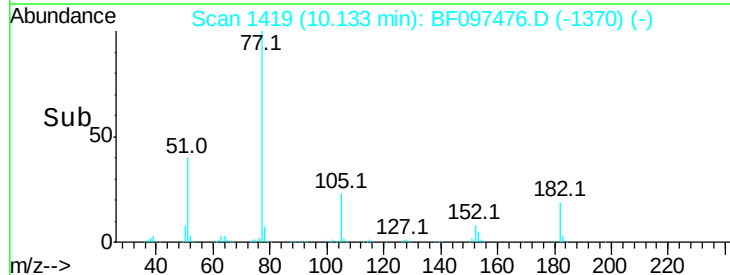
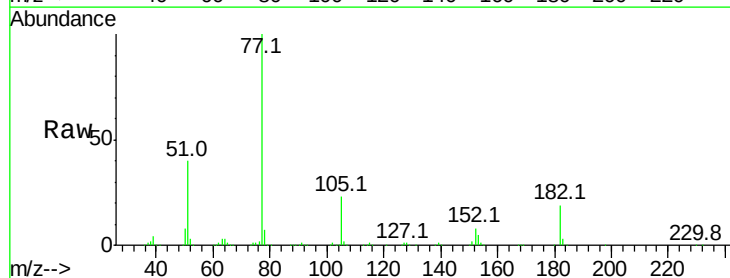
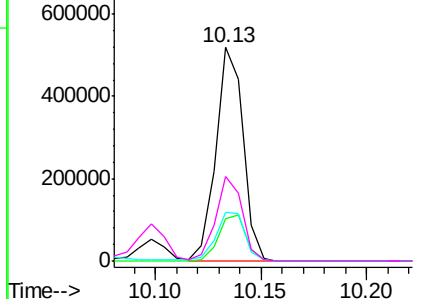
Tgt Ion: 77	Resp:	462557
Ion Ratio	Lower	Upper
77 100		
182 19.5	0.1	40.1
105 23.0	3.6	43.6
51 39.7	9.4	49.4

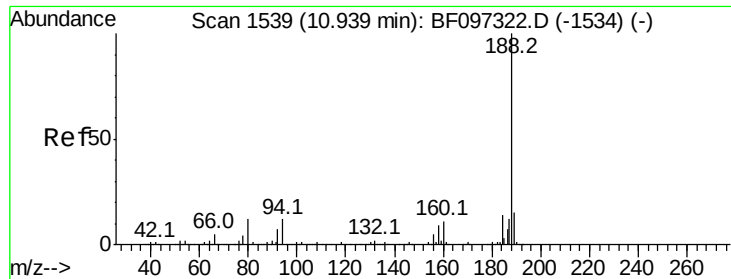
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





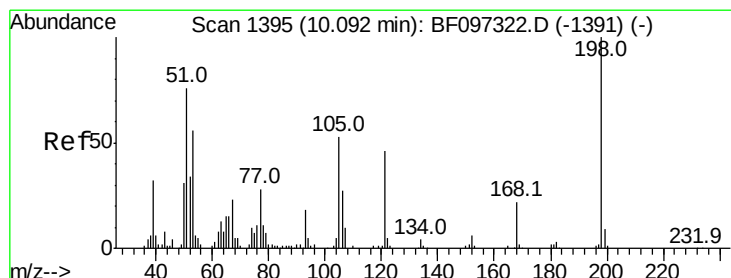
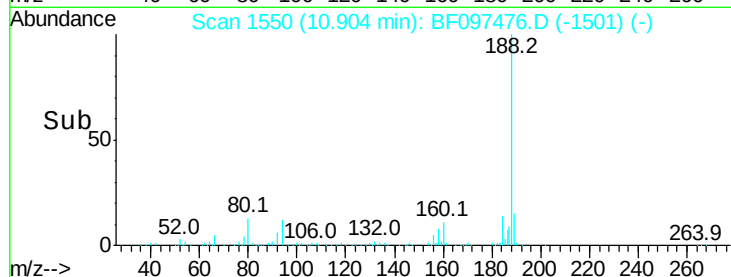
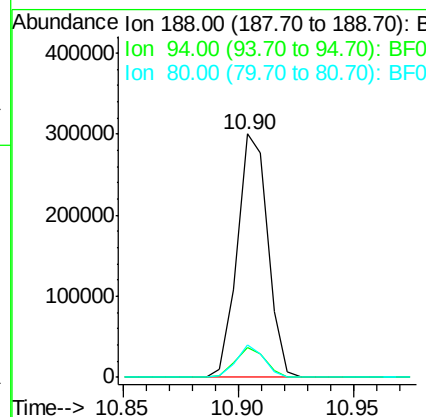
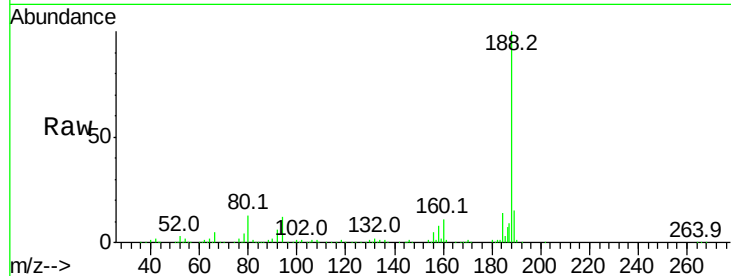
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	276978		
94	12.4		9.4	14.2
80	13.3		10.2	15.2

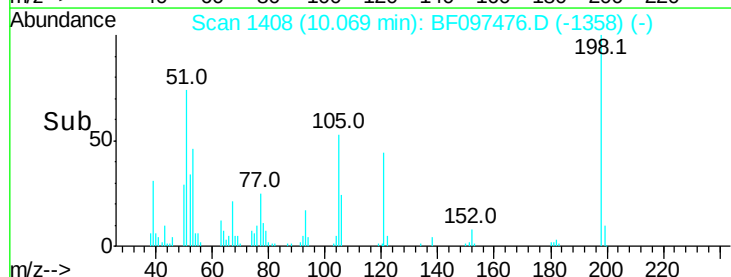
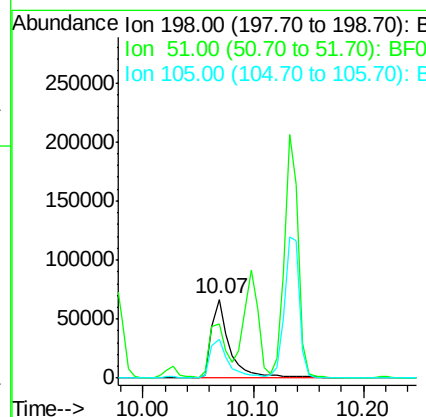
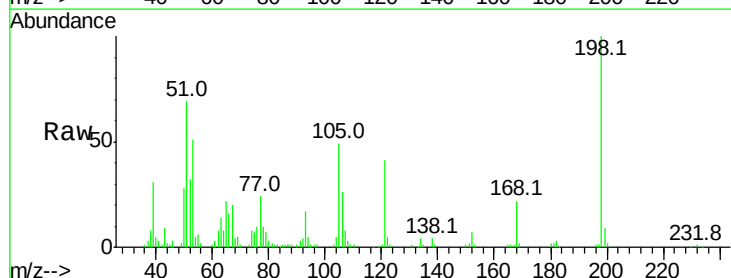
Manual Integrations
APPROVED

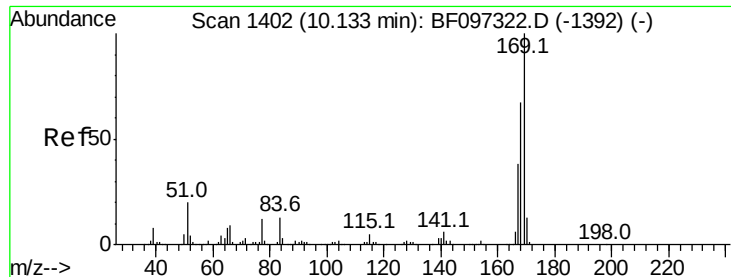
Sohil
8/9/2017 7:16:20 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.450 ng
RT: 10.07 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	74782		
51	68.8		53.2	93.2
105	49.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 41.188 ng

RT: 10.10 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 396934

Ion Ratio Lower Upper

169 100

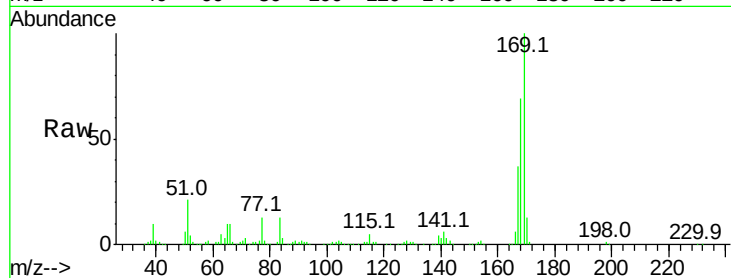
168 68.8 53.2 79.8

167 36.8 29.5 44.3

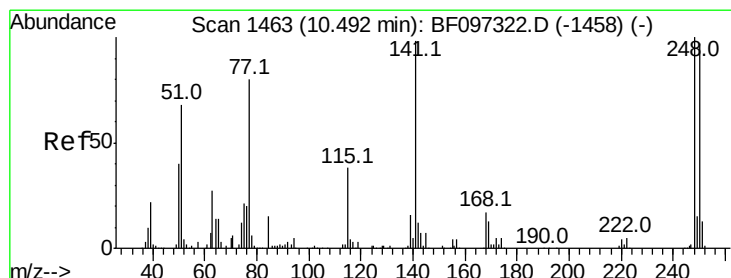
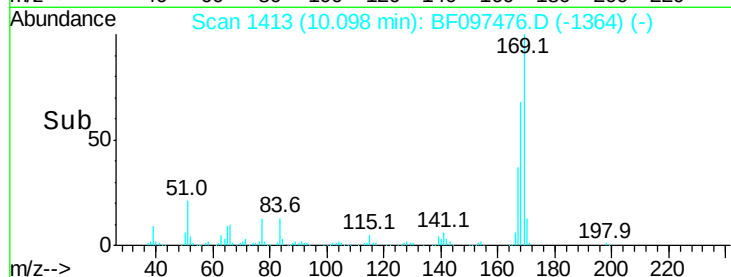
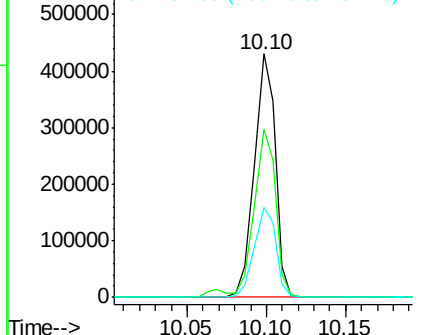
Manual Integrations
APPROVED

Sohil

8/9/2017 7:16:20 PM



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: 39.898 ng

RT: 10.46 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

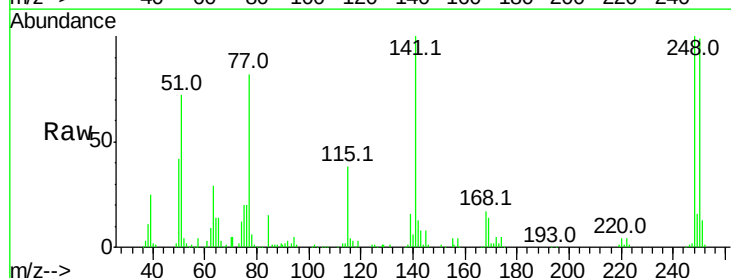
Tgt Ion:248 Resp: 110285

Ion Ratio Lower Upper

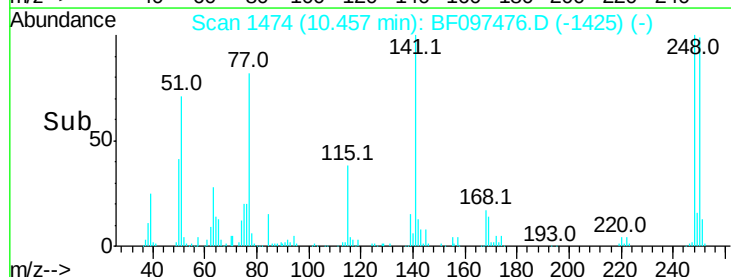
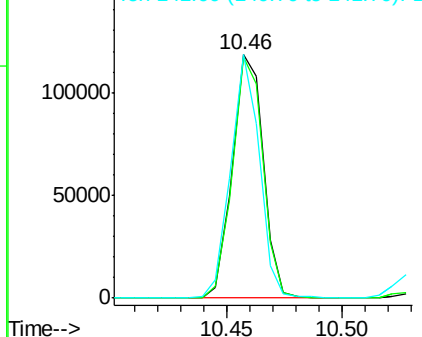
248 100

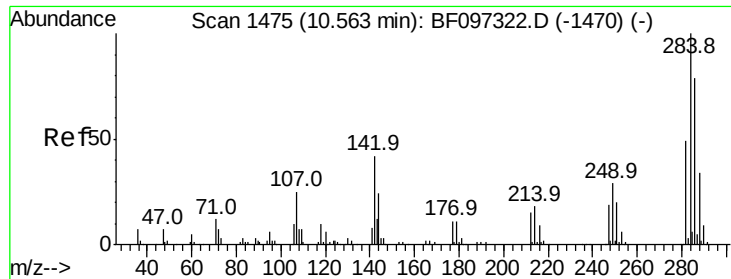
250 99.1 76.8 115.2

141 99.9 68.6 103.0



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: 39.760 ng

RT: 10.53 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

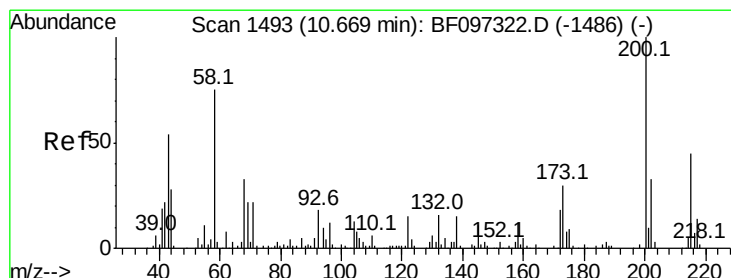
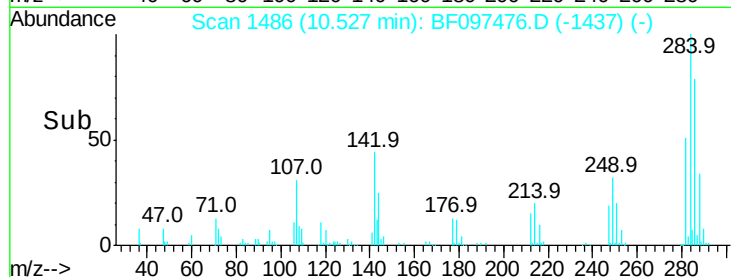
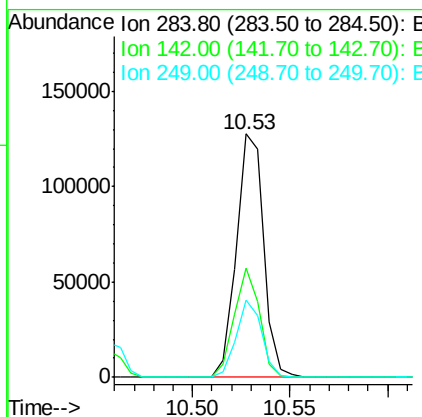
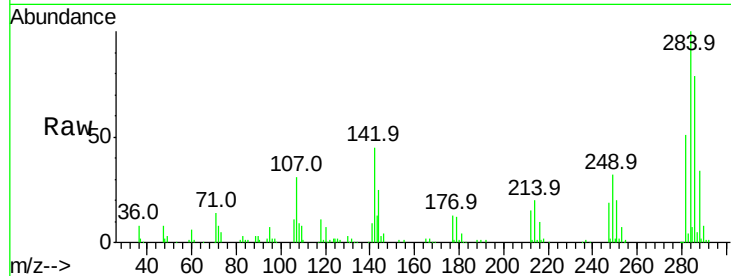
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	123245
Ion Ratio		Lower	Upper
284	100		
142	44.9	22.8	34.2#
249	31.5	24.0	36.0

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#68

Atrazine

Concen: 36.952 ng

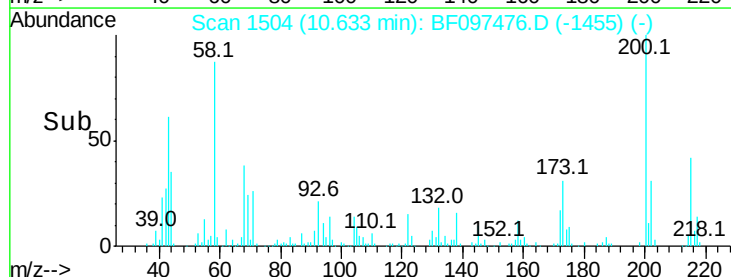
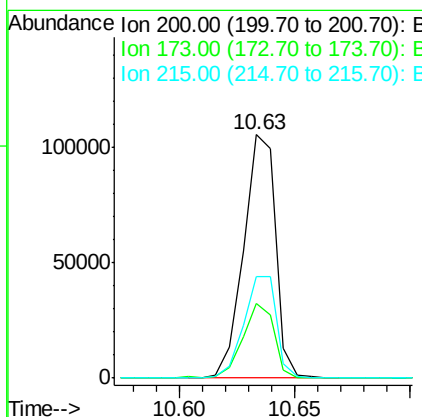
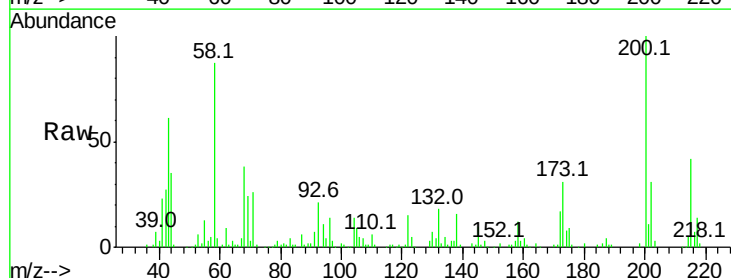
RT: 10.63 min Scan# 1504

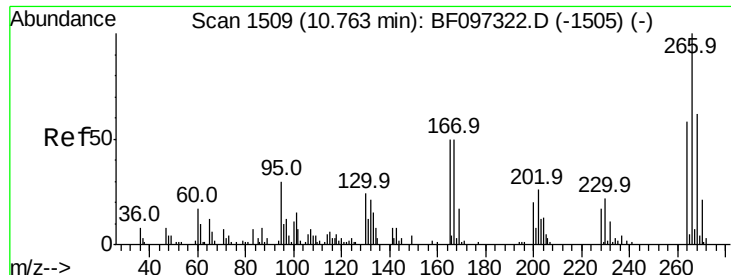
Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion:	200	Resp:	102116
Ion Ratio		Lower	Upper
200	100		
173	30.5	6.3	46.3
215	41.6	27.2	67.2





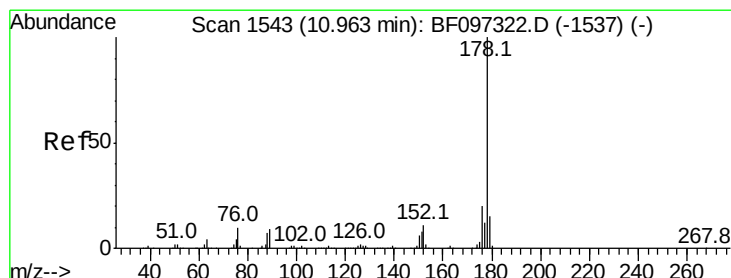
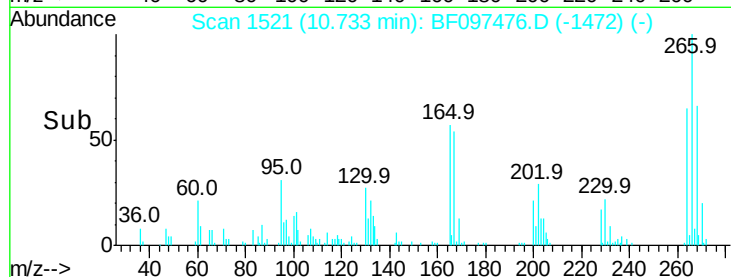
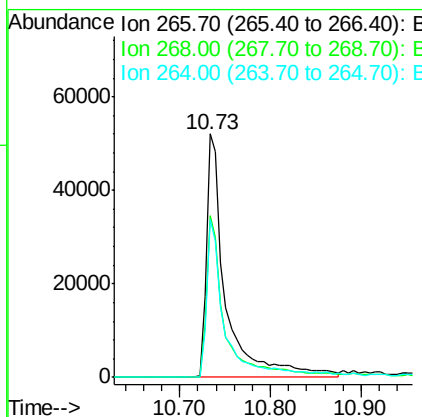
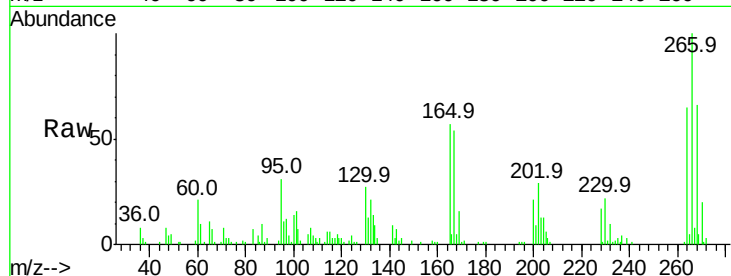
#69
 Pentachlorophenol
 Concen: 61.550 ng
 RT: 10.73 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	78939		
268	66.4		51.1	76.7
264	65.0		51.7	77.5

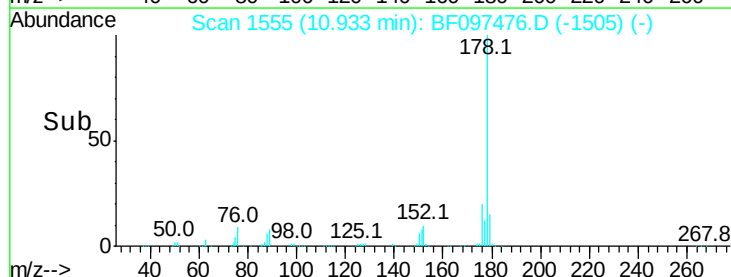
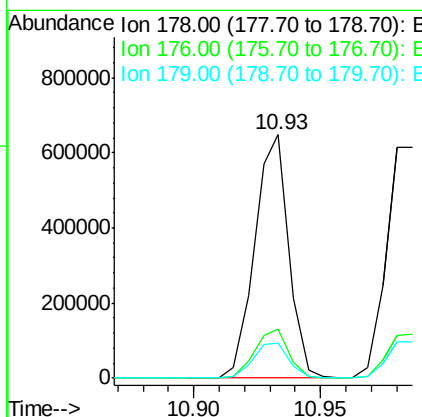
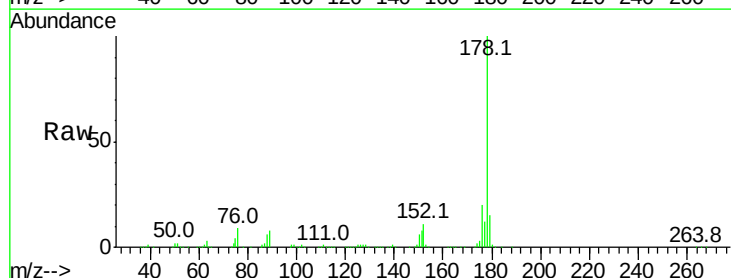
Manual Integrations
 APPROVED

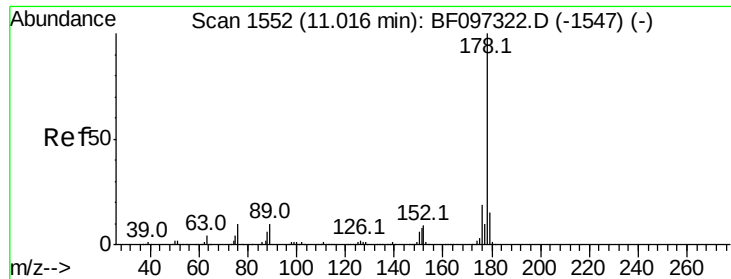
Sohil
 8/9/2017 7:16:20 PM



#70
 Phenanthrene
 Concen: 40.590 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	602377		
176	20.1		16.2	24.4
179	14.6		12.6	19.0





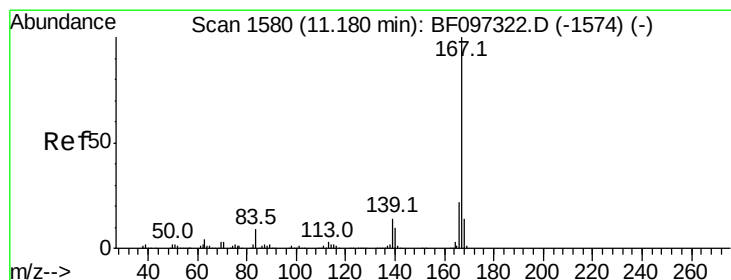
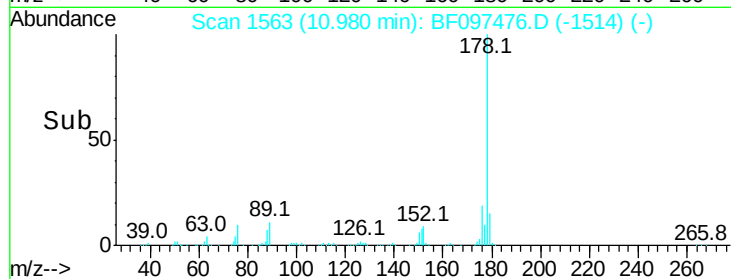
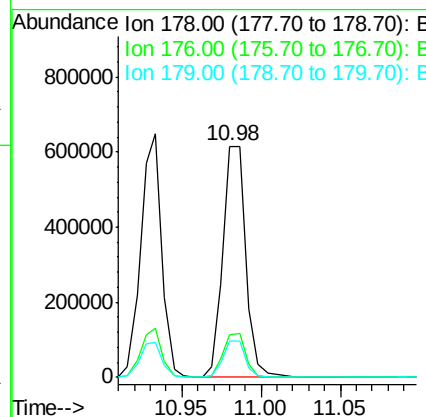
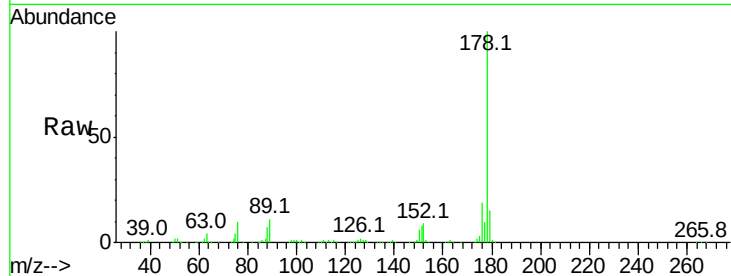
#71
 Anthracene
 Concen: 40.503 ng
 RT: 10.98 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	12.7	19.1

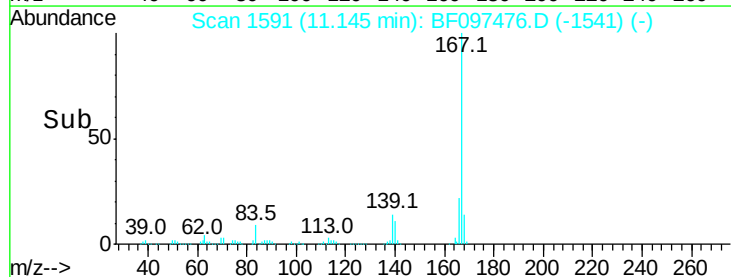
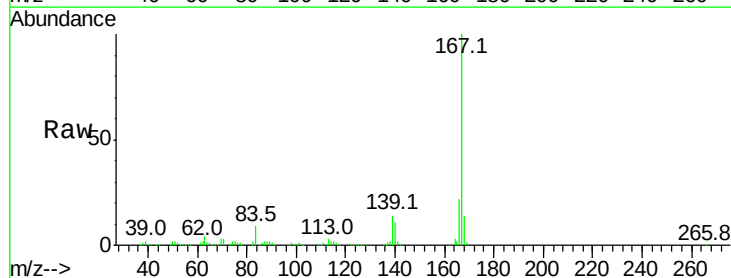
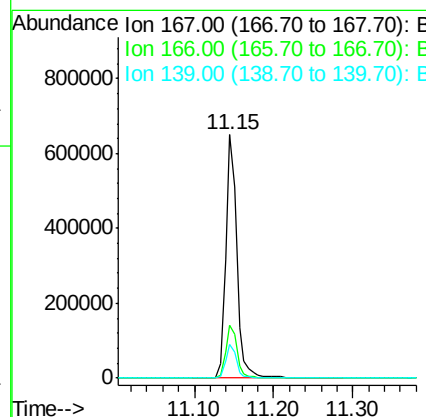
Manual Integrations
 APPROVED

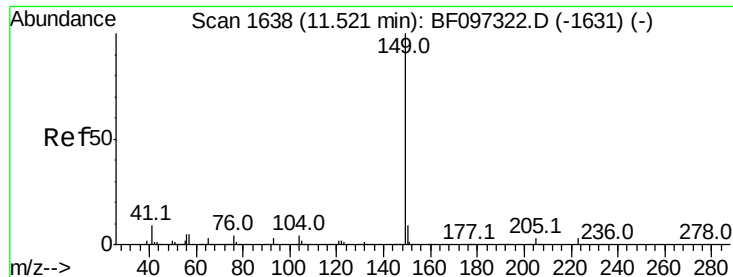
Sohil
 8/9/2017 7:16:20 PM



#72
 Carbazole
 Concen: 42.131 ng
 RT: 11.15 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.7	11.7	17.5





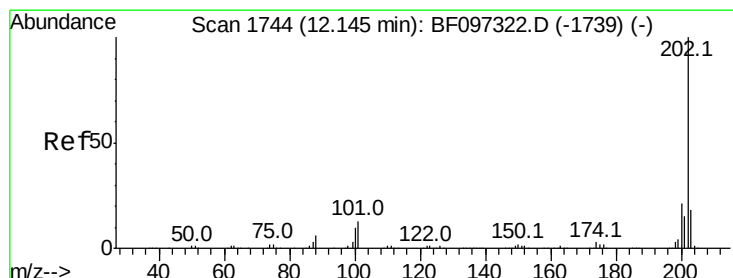
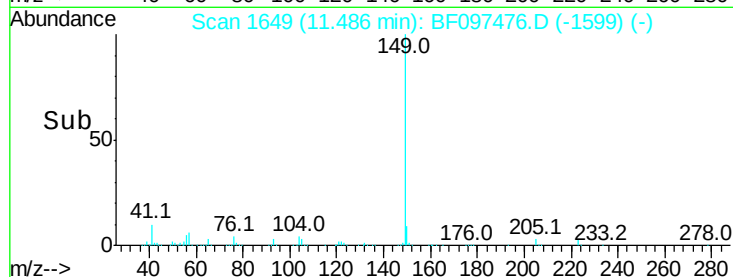
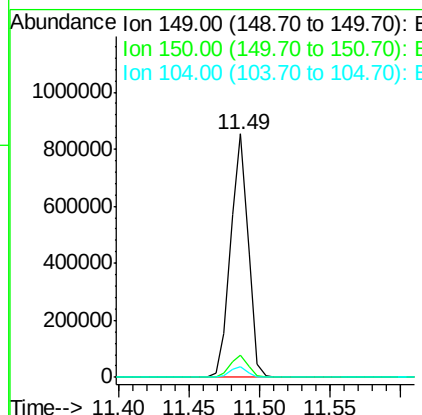
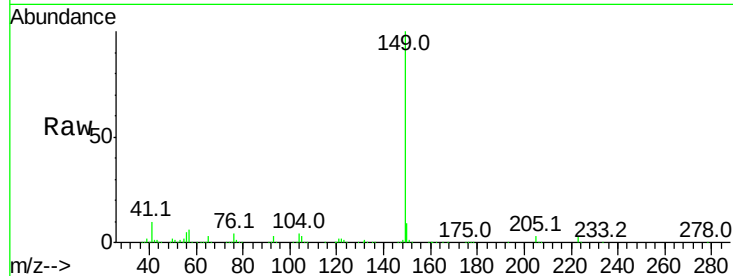
#73
Di-n-butylphthalate
Concen: 39.711 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.7	11.5	
104	4.3	4.0	6.0	

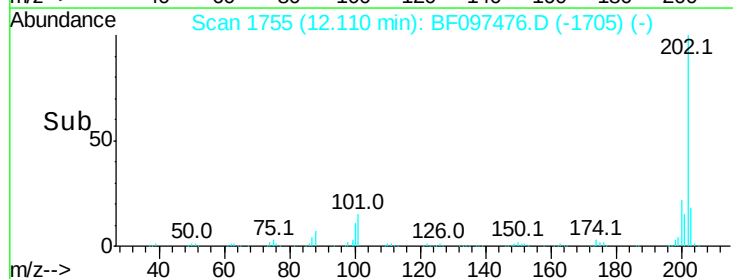
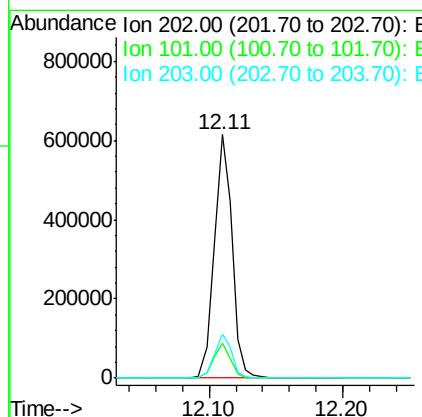
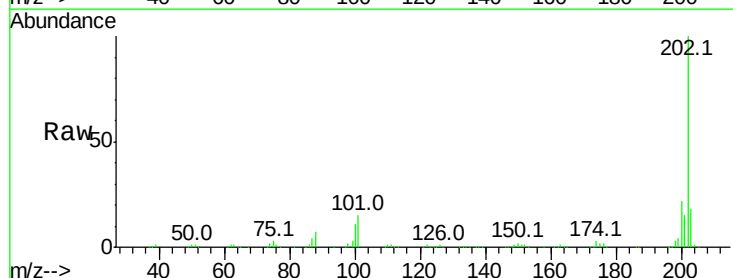
Manual Integrations
APPROVED

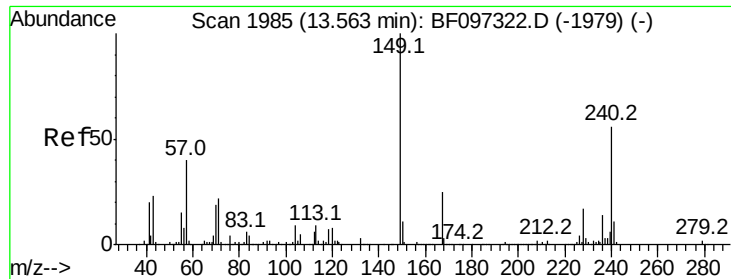
Sohil
8/9/2017 7:16:20 PM



#74
Fluoranthene
Concen: 39.742 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.6	0.0	33.2	
203	18.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Instrument :

BNA_F

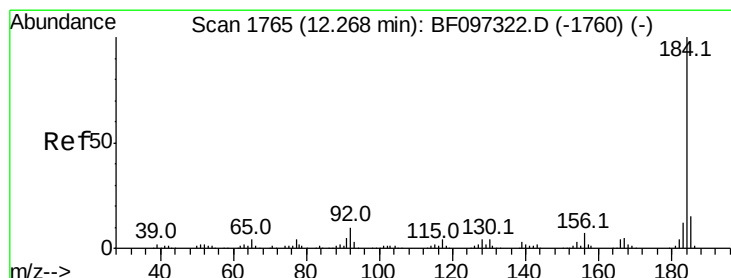
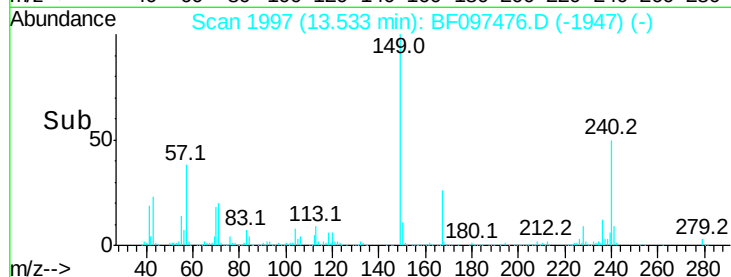
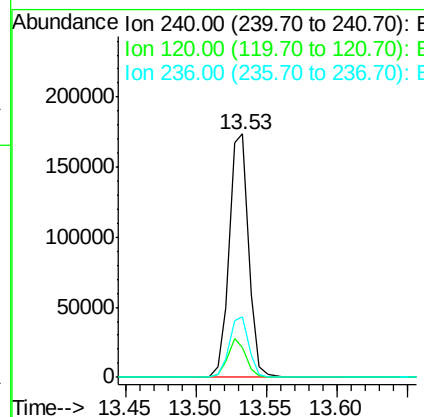
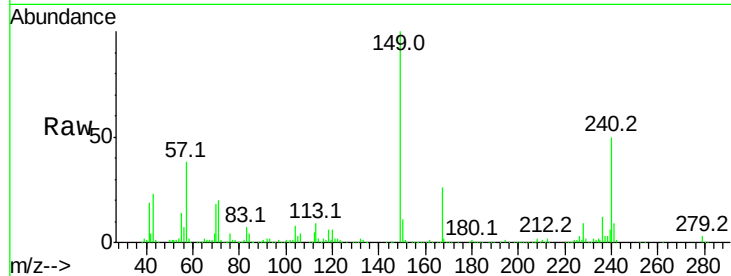
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	166423		
120	12.5	5.8	8.8#	
236	24.8	20.5	30.7	

Manual Integrations
APPROVED

Sohil
8/9/2017 7:16:20 PM



#76

Benzidine

Concen: 25.334 ng

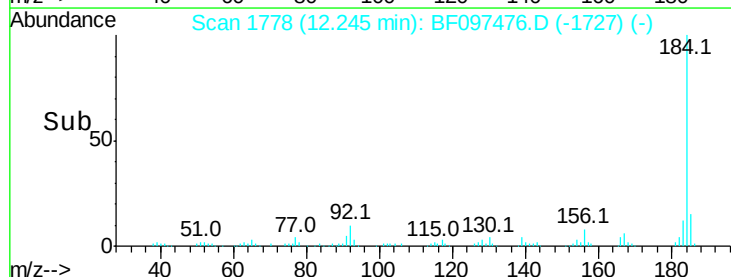
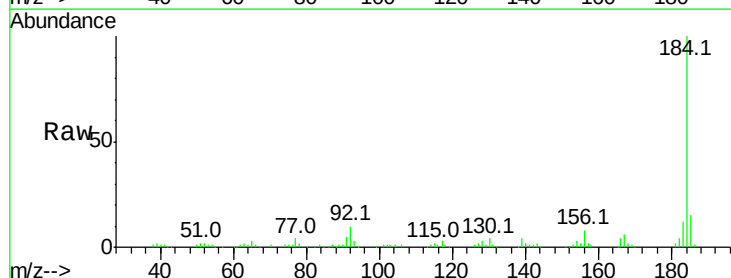
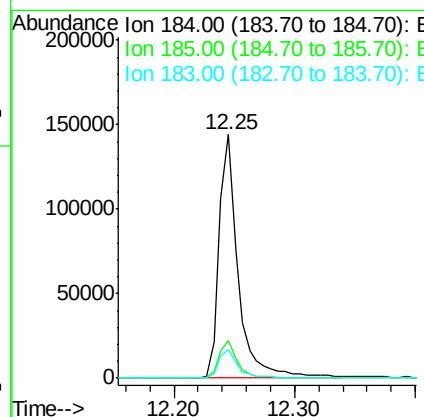
RT: 12.25 min Scan# 1778

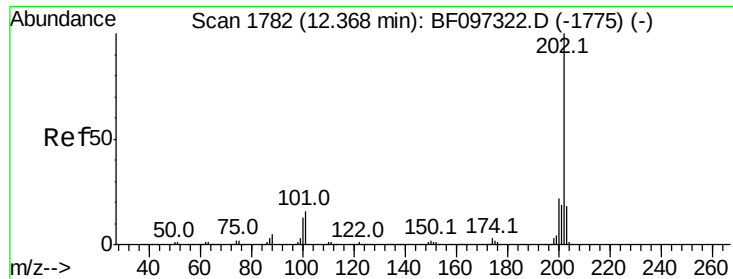
Delta R.T. 0.00 min

Lab File: BF097476.D

Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	156437		
185	15.3	15.5	23.3#	
183	11.9	9.8	14.6	





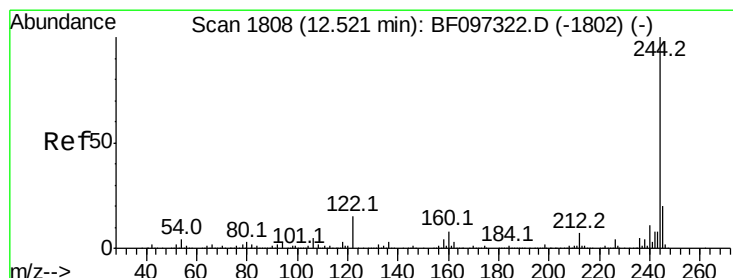
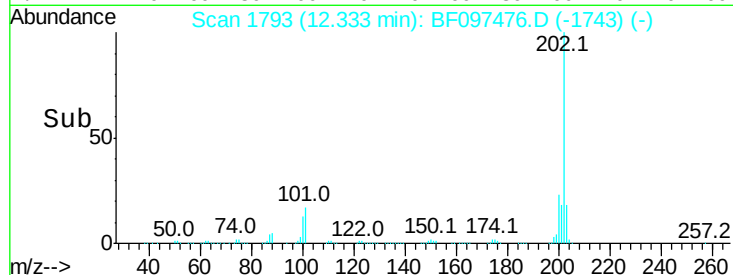
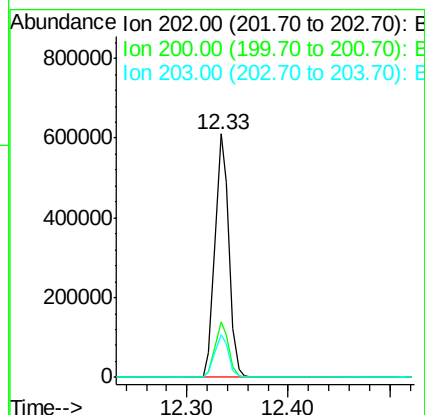
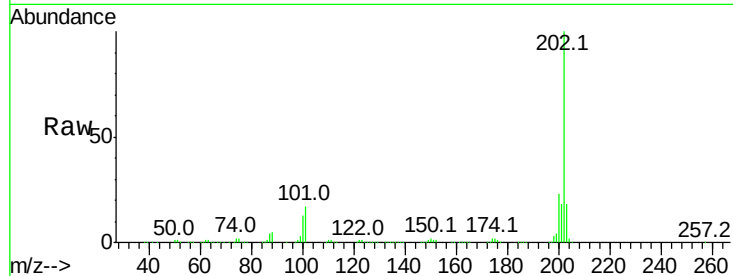
#77
Pvrene
Concen: 42.901 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	17.7	14.4	21.6

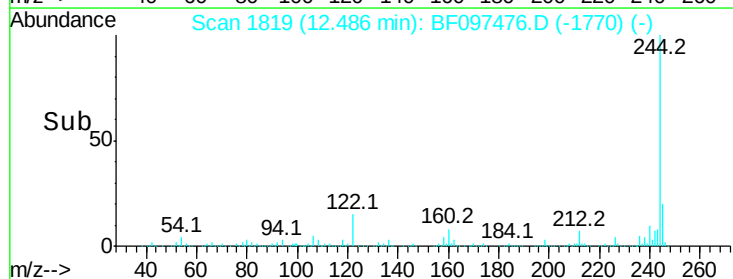
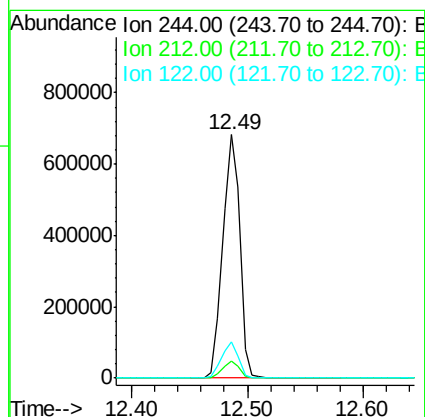
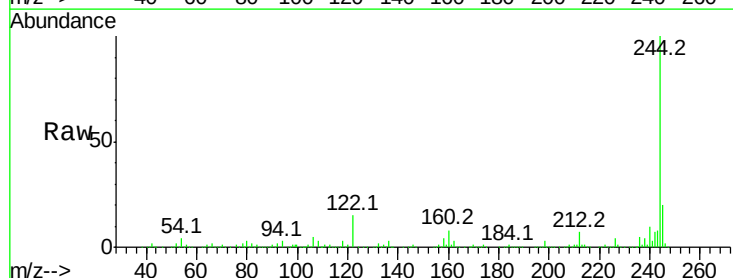
Manual Integrations
APPROVED

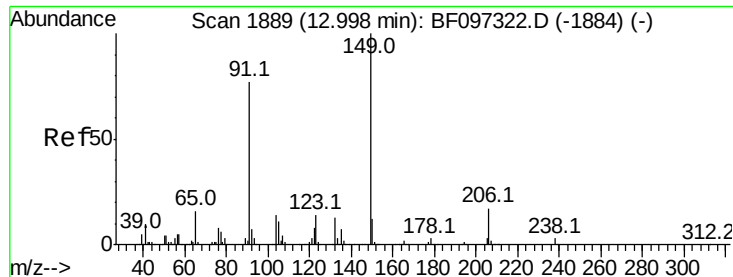
Sohil
8/9/2017 7:16:20 PM



#78
Terphenyl-d14
Concen: 85.306 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.7	10.3	15.5





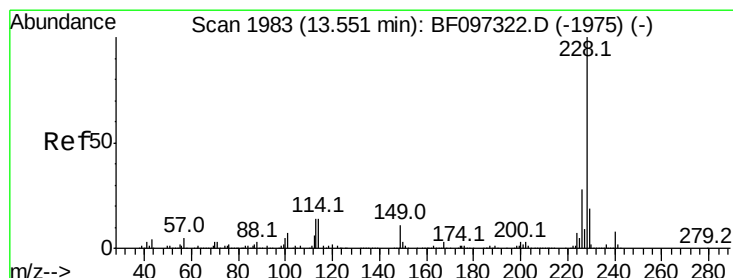
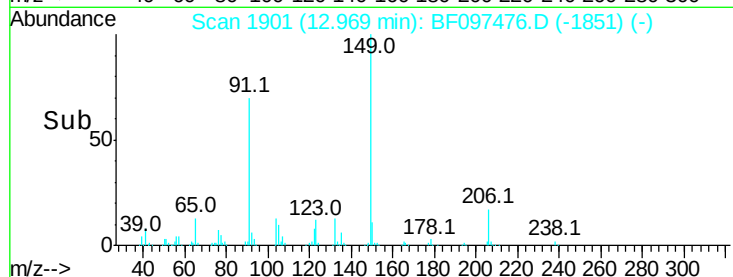
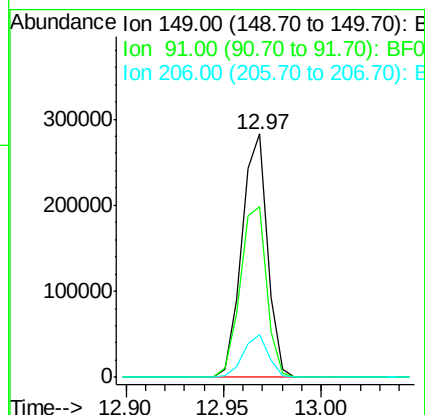
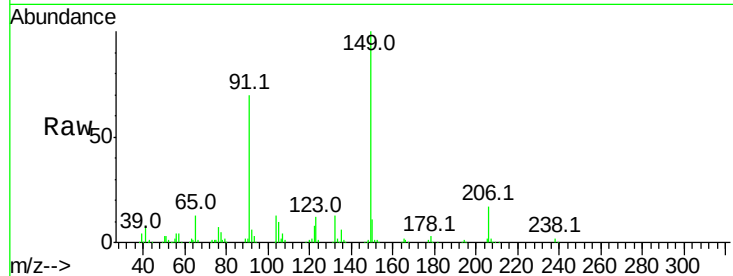
#79
Butylbenzylphthalate
Concen: 37.100 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	257117		
91	70.3	45.0	67.4#	
206	17.3	17.0	25.6	

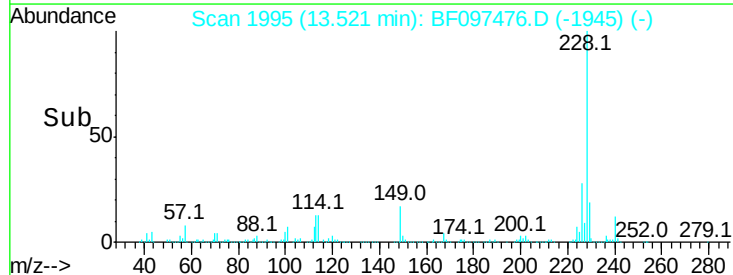
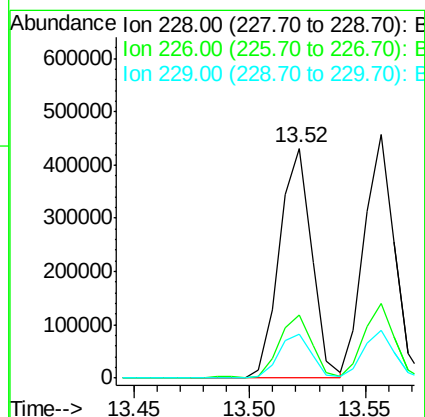
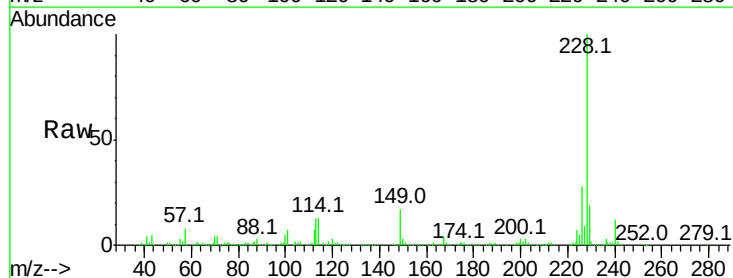
Manual Integrations
APPROVED

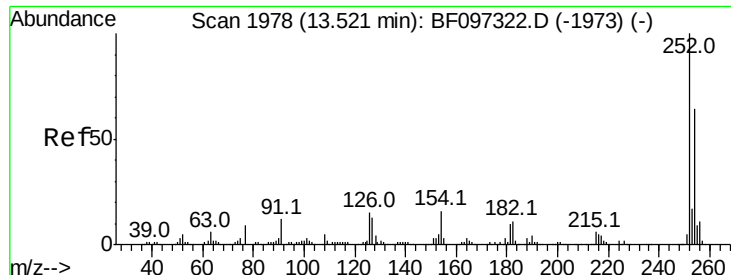
Sohil
8/9/2017 7:16:20 PM



#80
Benzo(a)anthracene
Concen: 38.734 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	417097		
226	27.6	22.6	33.8	
229	19.4	16.3	24.5	





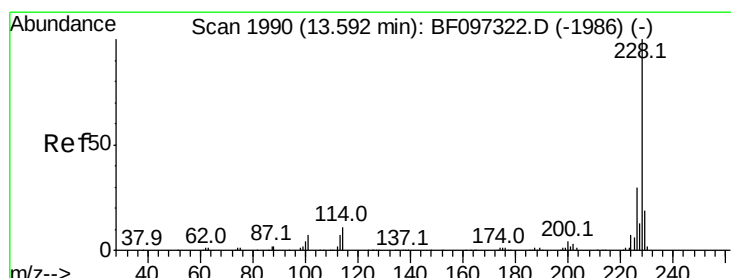
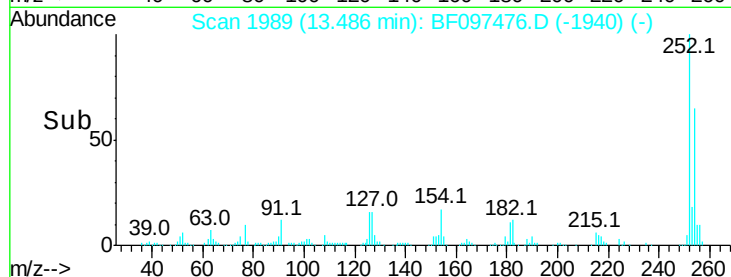
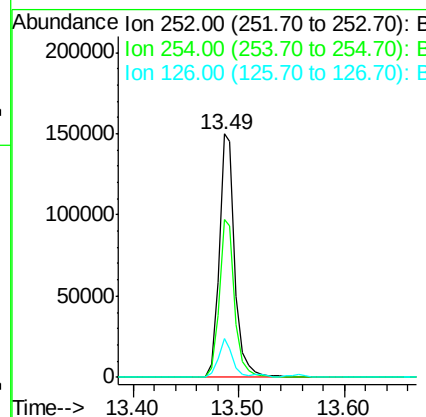
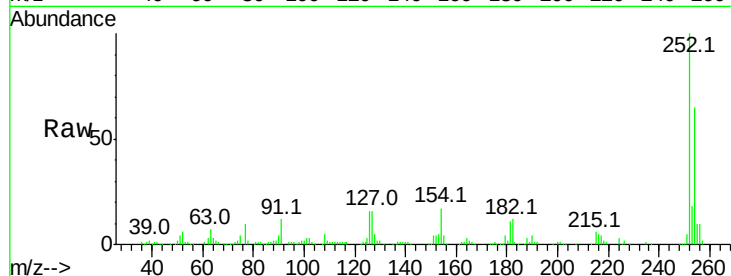
#81
 3,3'-Dichlorobenzidine
 Concen: 38.907 ng
 RT: 13.49 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	51.5	77.3
126	15.8	15.8	23.8

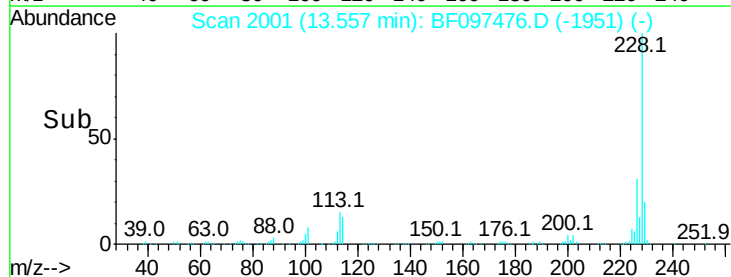
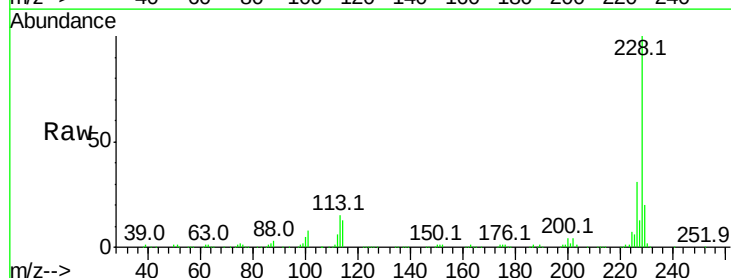
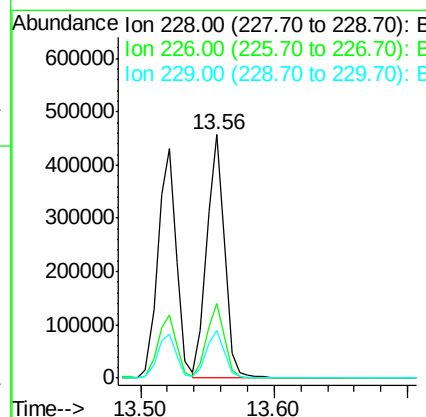
Manual Integrations
 APPROVED

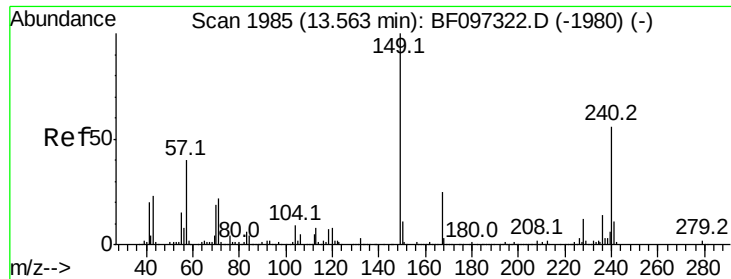
Sohil
 8/9/2017 7:16:20 PM



#82
 Chrysene
 Concen: 39.640 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.6	15.8	23.6





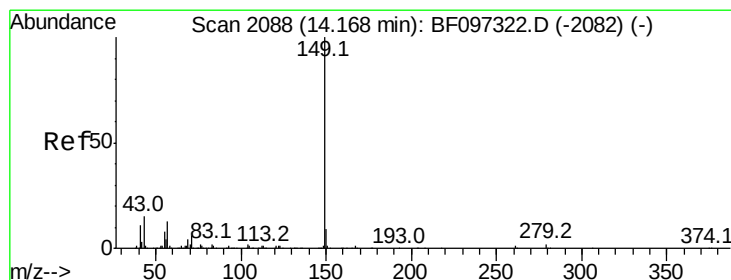
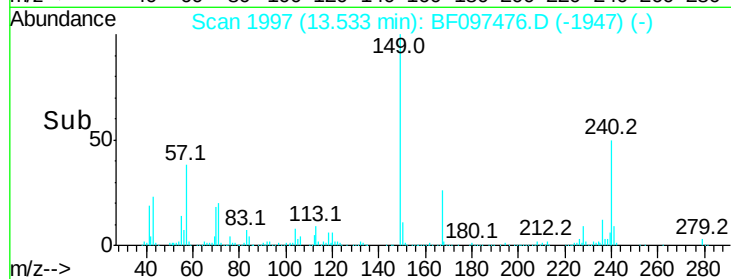
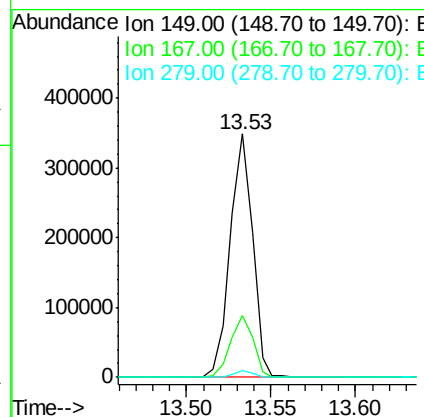
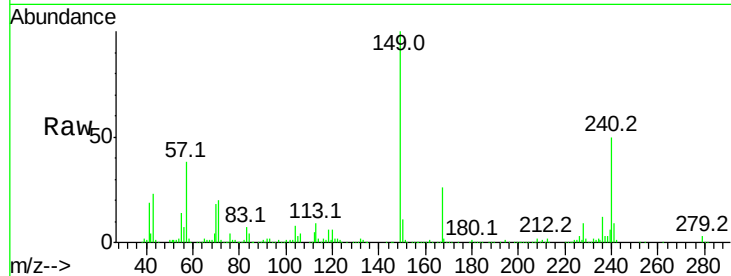
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.672 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	322792		
167	25.6		21.0	31.4
279	2.7		1.9	2.9

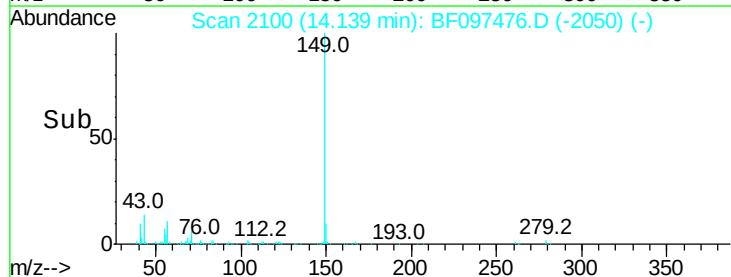
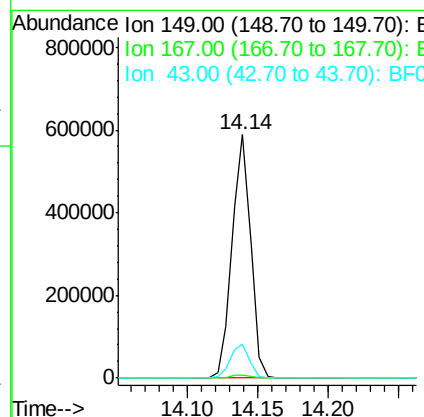
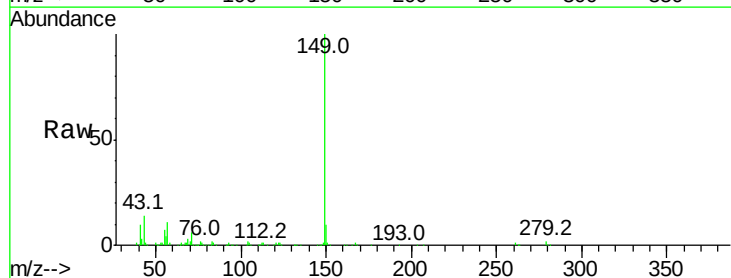
Manual Integrations
 APPROVED

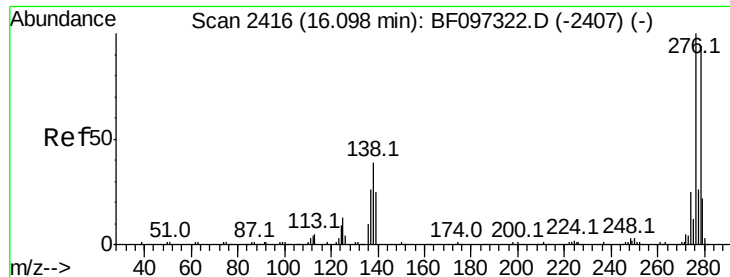
Sohil
 8/9/2017 7:16:20 PM



#84
 Di-n-octyl phthalate
 Concen: 32.475 ng
 RT: 14.14 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539277		
167	1.4		1.2	1.8
43	14.4		8.5	12.7#





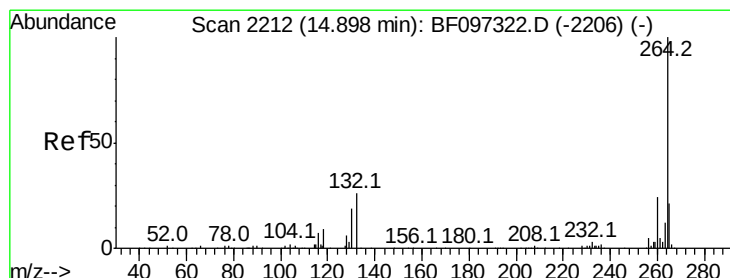
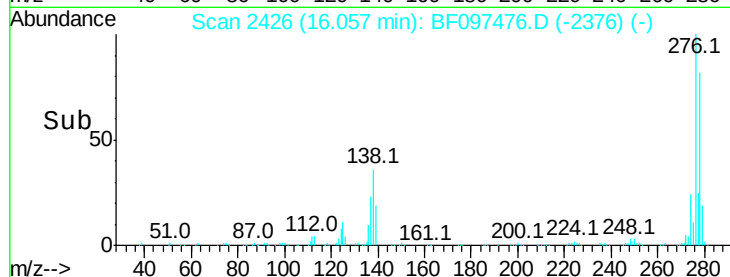
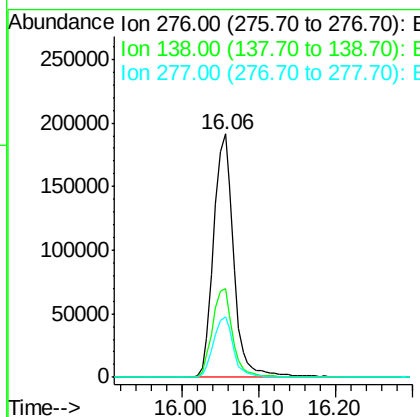
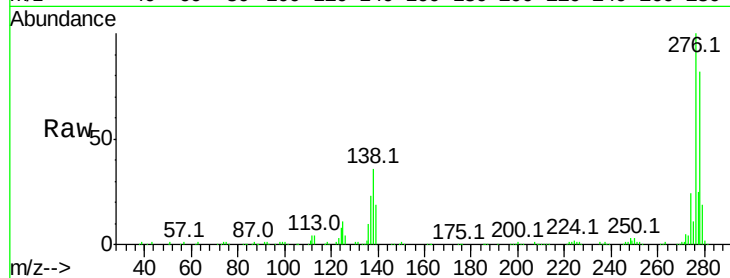
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.200 ng
 RT: 16.06 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	344425
Ion Ratio	Lower	Upper	
276	100		
138	36.8	27.8	41.6
277	24.6	20.2	30.4

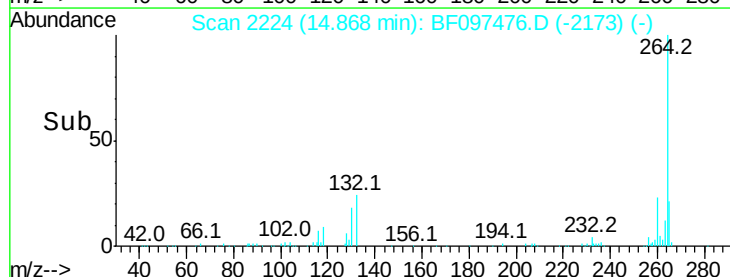
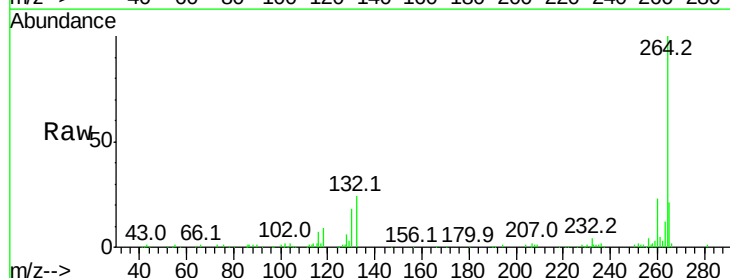
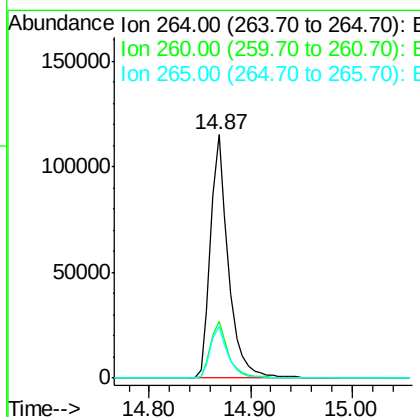
Manual Integrations
 APPROVED

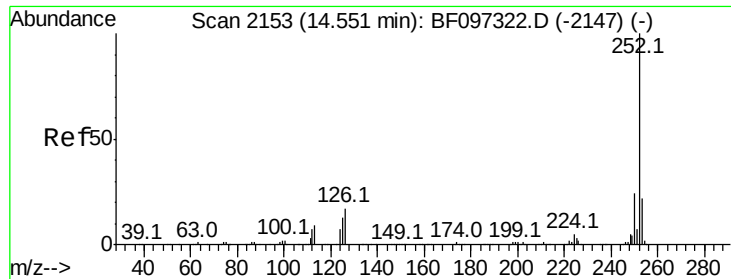
Sohil
 8/9/2017 7:16:20 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Tgt Ion:	264	Resp:	141848
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.3	17.2	25.8





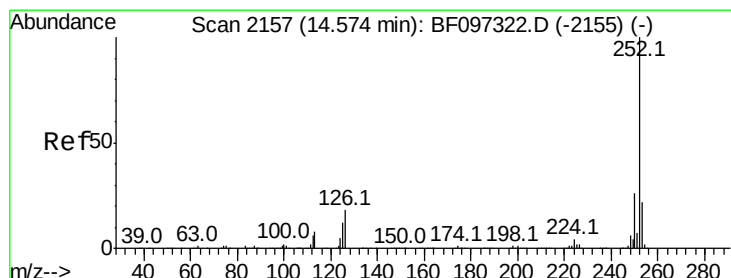
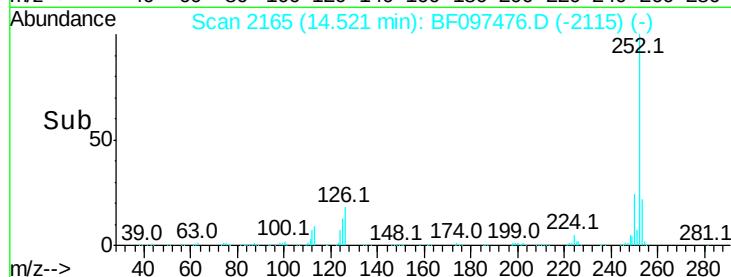
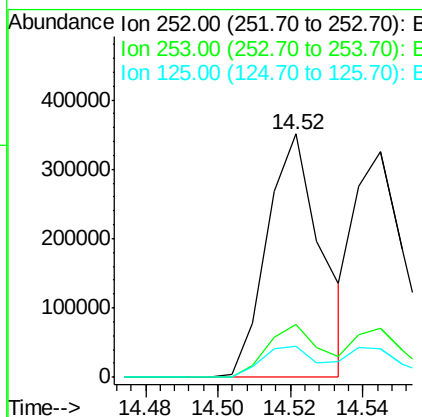
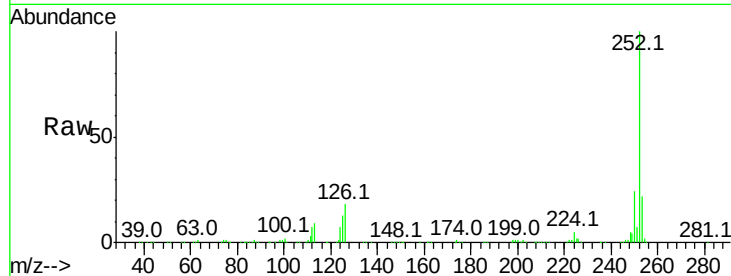
#87
Benzo(b)fluoranthene
Concen: 42.712 ng
RT: 14.52 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.8	9.8	14.8

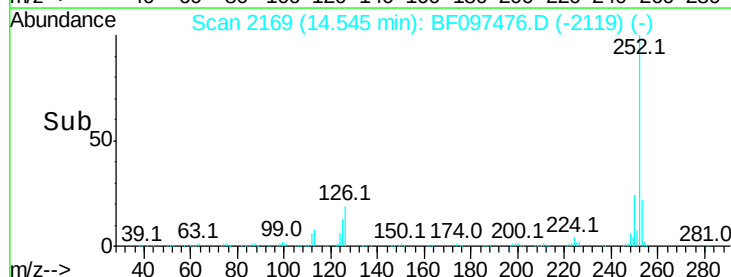
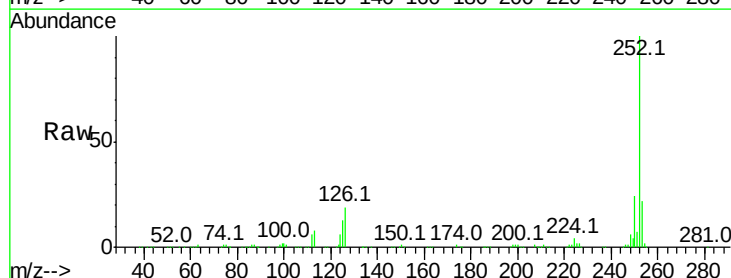
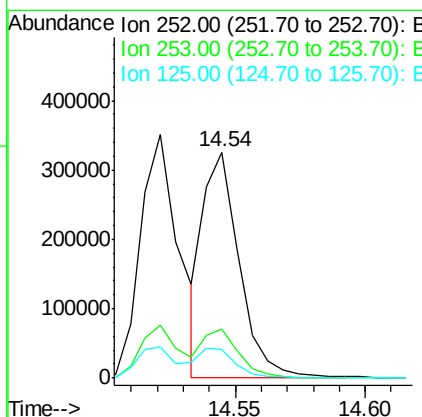
Manual Integrations
APPROVED

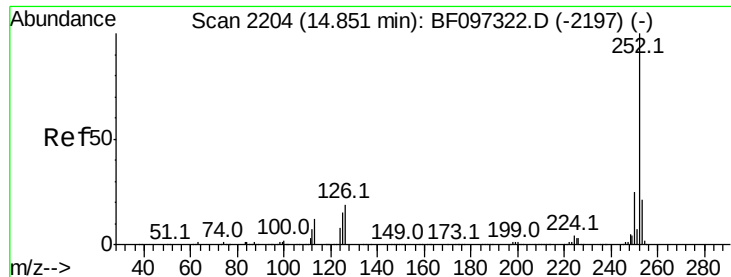
Sohil
8/9/2017 7:16:20 PM



#88
Benzo(k)fluoranthene
Concen: 39.118 ng m
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.8	13.1	19.7#





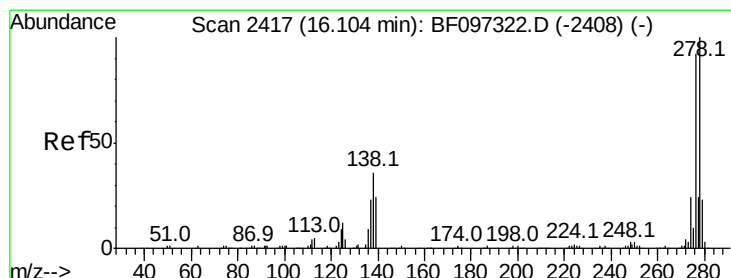
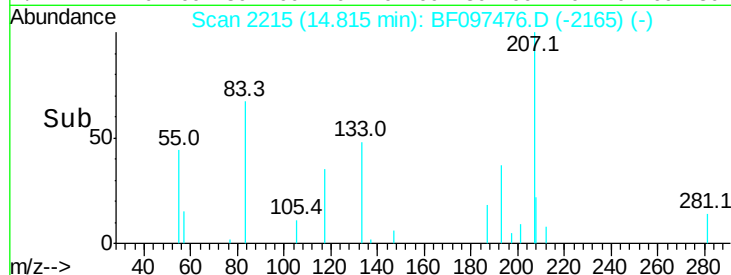
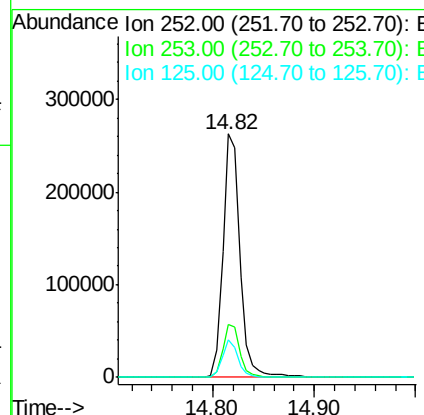
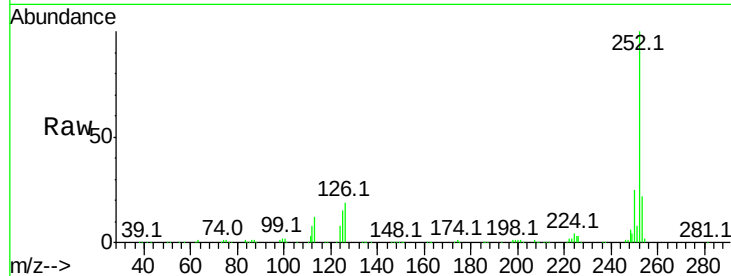
#89
Benzo(a)pyrene
Concen: 39.183 ng
RT: 14.82 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.4	11.0	16.4

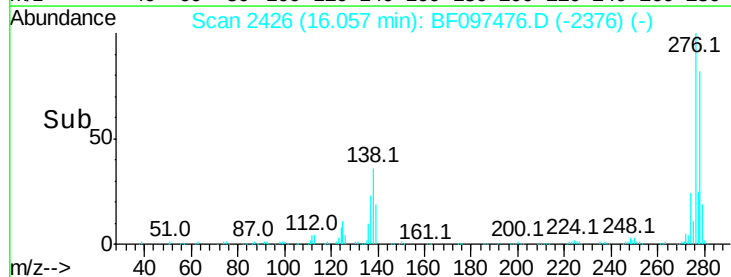
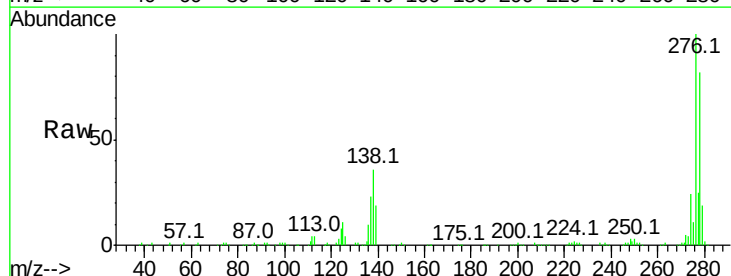
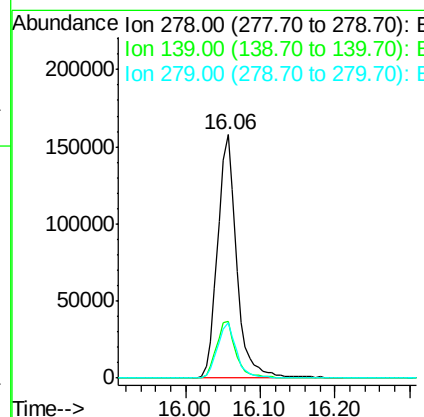
Manual Integrations
APPROVED

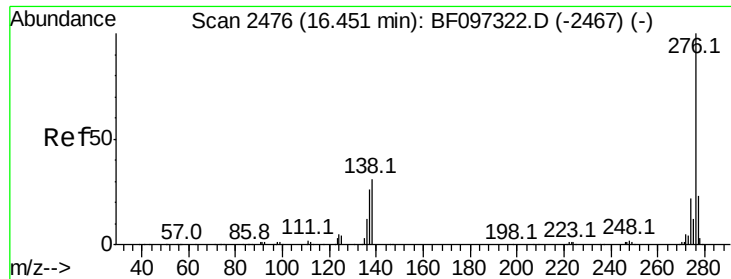
Sohil
8/9/2017 7:16:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.770 ng
RT: 16.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BF097476.D
Acq: 8 Aug 2017 18:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 42.003 ng
 RT: 16.40 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF097476.D
 Acq: 8 Aug 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	281887
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	28.0
138	30.8	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:20 PM

