

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097331.D
 Acq On : 3 Aug 2017 21:59
 Operator : SJ/JU
 Sample : I4559-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:23 PM

Quant Time: Aug 04 01:58:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	101480	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	423304	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	192442	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	292929	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	175244	20.00	ng	-0.07
86) Perylene-d12	14.90	264	173250	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	659882	98.03	ng	-0.05
7) Phenol-d6	6.12	99	818491	106.50	ng	-0.05
23) Nitrobenzene-d5	7.02	82	479305	66.42	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	148068	97.38	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	803083	70.82	ng	-0.06
78) Terphenyl-d14	12.52	244	542014	63.06	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	72536	25.821	ng	# 74
3) Pyridine	2.57	79	250101	29.074	ng	# 63
4) n-Nitrosodimethylamine	2.52	42	163490	34.307	ng	# 78
6) Aniline	6.11	93	329515	34.073	ng	89
8) 2-Chlorophenol	6.24	128	269469	37.436	ng	97
9) Benzaldehyde	5.99	77	139550	30.678	ng	93
10) Phenol	6.13	94	363894	39.920	ng	97
11) bis(2-Chloroethyl)ether	6.19	93	269970	37.446	ng	92
12) 1,3-Dichlorobenzene	6.38	146	270547	34.877	ng	96
13) 1,4-Dichlorobenzene	6.46	146	273073	35.522	ng	95
14) 1,2-Dichlorobenzene	6.62	146	241904	36.039	ng	98
15) Benzyl Alcohol	6.61	79	209610	43.080	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.74	45	530350	36.676	ng	62
17) 2-Methylphenol	6.73	107	211252	38.026	ng	# 89
18) Hexachloroethane	6.95	117	88326	31.406	ng	# 80
19) n-Nitroso-di-n-propylamine	6.87	70	182490	36.076	ng	# 81
20) 3+4-Methylphenols	6.89	107	284686	39.236	ng	# 63
22) Acetophenone	6.86	105	347968	34.230	ng	# 98
24) Nitrobenzene	7.03	77	264238	35.161	ng	96
25) Isophorone	7.28	82	499875	35.374	ng	98
26) 2-Nitrophenol	7.35	139	134634	33.114	ng	# 84
27) 2,4-Dimethylphenol	7.41	122	228544	34.076	ng	97
28) bis(2-Chloroethoxy)methane	7.49	93	315690	34.233	ng	98
29) 2,4-Dichlorophenol	7.61	162	210676	36.463	ng	98
30) 1,2,4-Trichlorobenzene	7.67	180	188179	34.169	ng	98
31) Naphthalene	7.75	128	714071	35.786	ng	99
32) Benzoic acid	7.55	122	85850	17.142	ng	96
33) 4-Chloroaniline	7.81	127	273941	33.740	ng	98
34) Hexachlorobutadiene	7.87	225	94529	32.377	ng	97
35) Caprolactam	8.18	113	74722m	40.331	ng	
36) 4-Chloro-3-methylphenol	8.32	107	221537	35.145	ng	88
37) 2-Methylnaphthalene	8.44	142	472396	37.391	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	178187	34.702	ng	99
40) Hexachlorocyclopentadiene	8.59	237	24368	19.044	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097331.D
 Acq On : 3 Aug 2017 21:59
 Operator : SJ/JU
 Sample : I4559-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

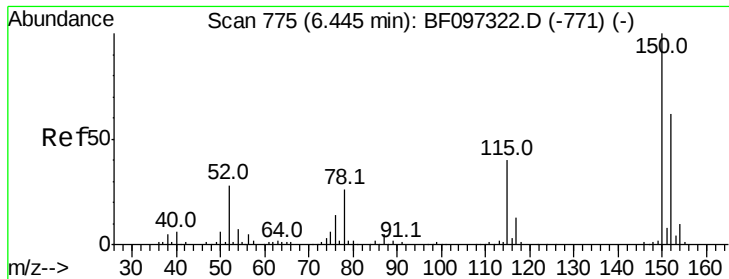
Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:23 PM

Quant Time: Aug 04 01:58:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	129607	34.830	nq	97
43) 2,4,5-Trichlorophenol	8.77	196	138675	37.233	nq	99
45) 1,1'-Biphenyl	8.90	154	553689	33.685	nq	97
46) 2-Chloronaphthalene	8.92	162	431120	35.642	nq	94
47) 2-Nitroaniline	9.03	65	182205	41.507	nq	98
48) Acenaphthylene	9.33	152	652089	35.122	nq	99
49) Dimethylphthalate	9.21	163	651359	44.572	nq	99
50) 2,6-Dinitrotoluene	9.27	165	113346	36.569	nq	# 81
51) Acenaphthene	9.50	154	391587	35.806	nq	100
52) 3-Nitroaniline	9.44	138	137077	35.630	nq	95
53) 2,4-Dinitrophenol	9.57	184	23242	16.492	nq	# 71
54) Dibenzofuran	9.67	168	569094	39.068	nq	97
55) 4-Nitrophenol	9.63	139	146300	63.946	nq	# 61
56) 2,4-Dinitrotoluene	9.68	165	140625	39.467	nq	# 72
57) Fluorene	10.02	166	412223	37.652	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	101909	39.628	nq	99
59) Diethylphthalate	9.90	149	502106	37.451	nq	99
60) 4-Chlorophenyl-phenylether	10.01	204	166972	36.932	nq	97
61) 4-Nitroaniline	10.05	138	136514	37.344	nq	92
62) Azobenzene	10.17	77	491916	39.551	nq	93
64) 4,6-Dinitro-2-methylphenol	10.09	198	24346	13.375	nq	90
65) n-Nitrosodiphenylamine	10.13	169	395994	38.853	nq	98
66) 4-Bromophenyl-phenylether	10.49	248	107066	36.625	nq	93
67) Hexachlorobenzene	10.56	284	112930	34.449	nq	# 88
68) Atrazine	10.67	200	110849	37.928	nq	95
69) Pentachlorophenol	10.76	266	83566	61.609	nq	99
70) Phenanthrene	10.96	178	589278	37.545	nq	99
71) Anthracene	11.02	178	601863	37.440	nq	99
72) Carbazole	11.18	167	576521	36.466	nq	98
73) Di-n-butylphthalate	11.52	149	785006	40.169	nq	99
74) Fluoranthene	12.14	202	540077	35.125	nq	96
76) Benzidine	12.27	184	275449	42.361	nq	# 92
77) Pyrene	12.36	202	539298	37.590	nq	99
79) Butylbenzylphthalate	13.00	149	277369	38.007	nq	# 77
80) Benzo(a)anthracene	13.55	228	407923	35.975	nq	99
81) 3,3'-Dichlorobenzidine	13.52	252	150926	35.296	nq	98
82) Chrysene	13.59	228	391666	35.374	nq	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	348944	36.622	nq	99
84) Di-n-octyl phthalate	14.17	149	602270	34.443	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.10	276	314740	33.151	nq	96
87) Benzo(b)fluoranthene	14.55	252	396404	38.063	nq	98
88) Benzo(k)fluoranthene	14.57	252	317044	31.947	nq	# 93
89) Benzo(a)pyrene	14.85	252	363302	38.116	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	265763	34.001	nq	98
91) Benzo(g,h,i)perylene	16.44	276	253116	30.880	nq	98

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



#1

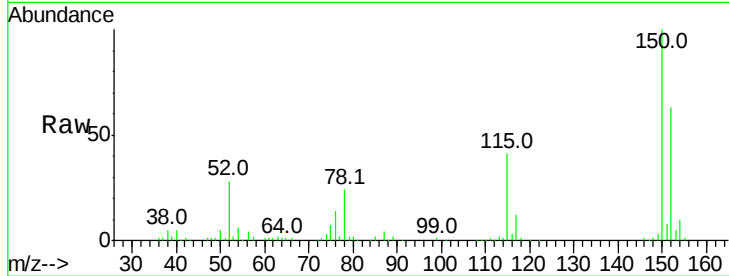
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	63.9	52.2	78.2

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM

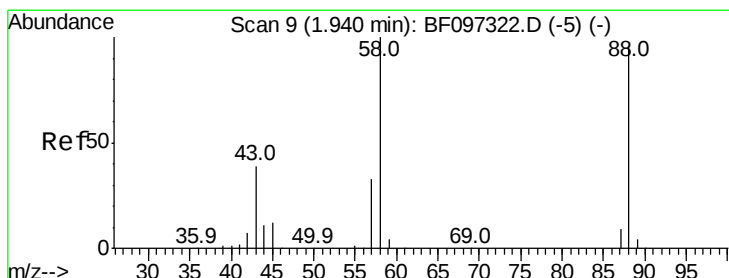
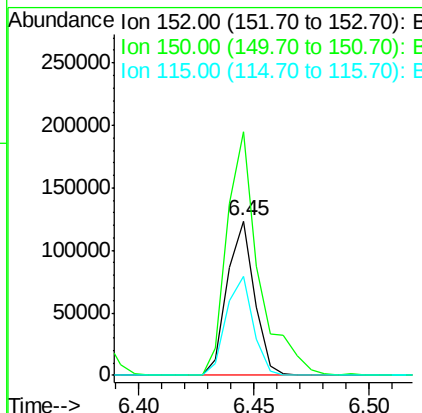
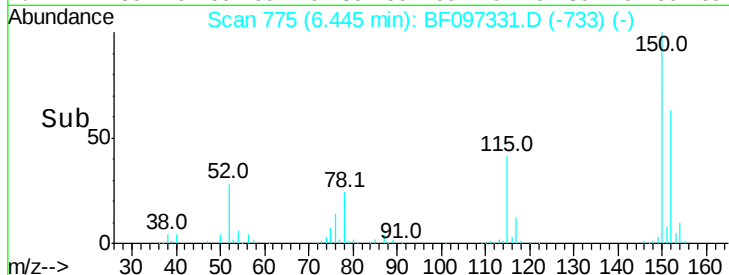


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

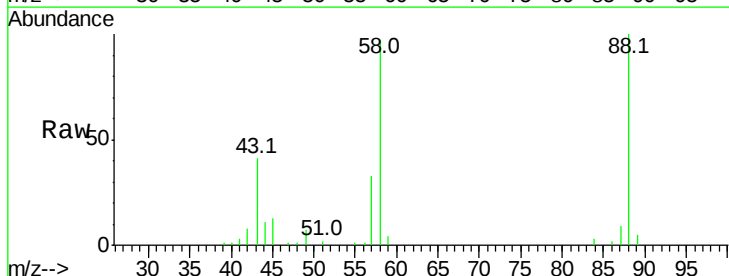
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.821 ng
RT: 1.96 min Scan# 12
Delta R.T. -0.09 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	61.4	92.0#
43	38.1	23.4	35.0#

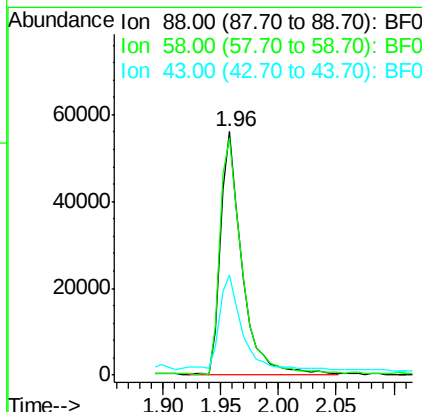
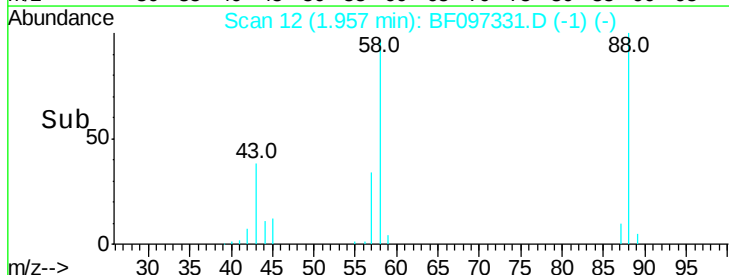


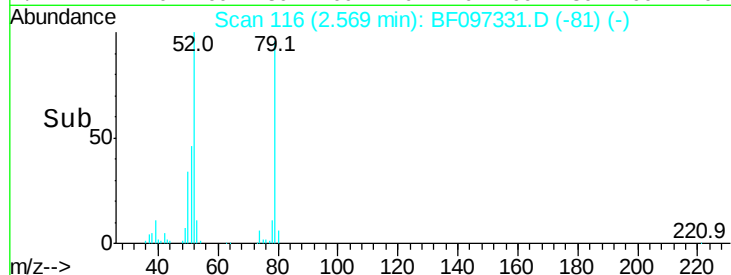
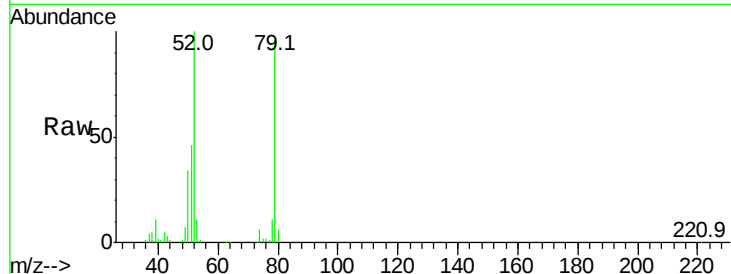
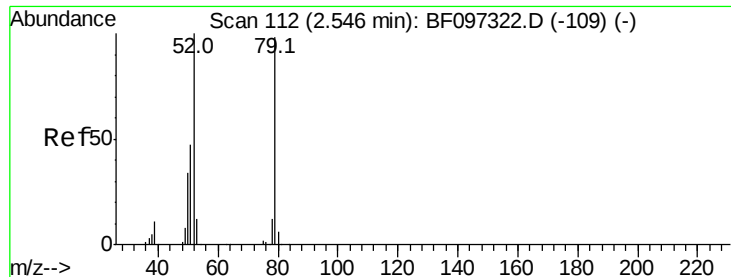
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





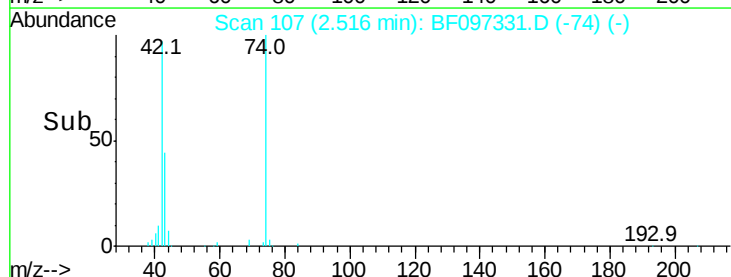
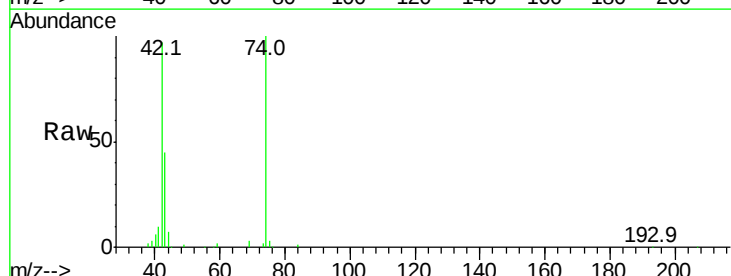
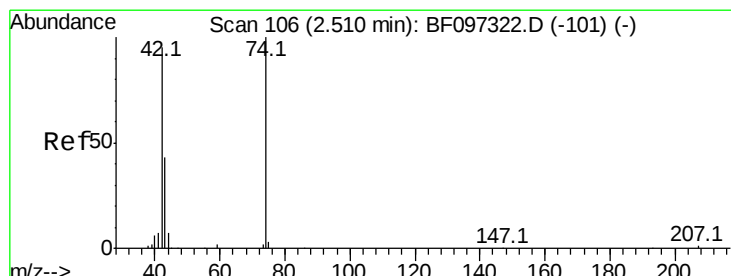
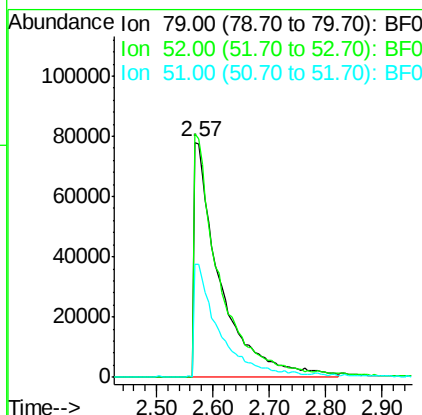
#3
Pvridine
Concen: 29.074 ng
RT: 2.57 min Scan# 116
Delta R.T. -0.09 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.7	54.8	82.2#
51	48.0	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

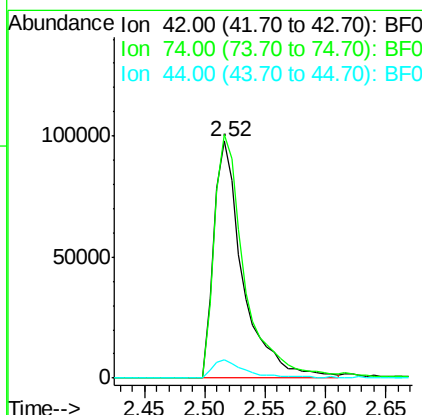
Manual Integrations
APPROVED

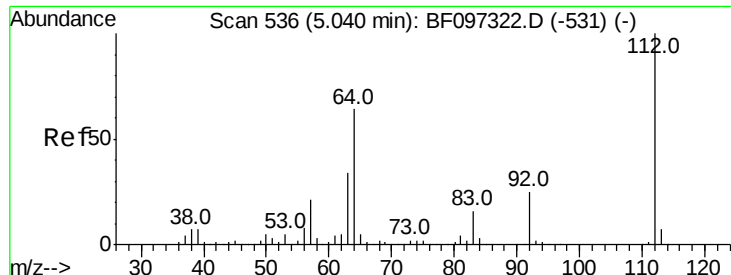
Sohil
8/4/2017 5:30:23 PM



#4
n-Nitrosodimethylamine
Concen: 34.307 ng
RT: 2.52 min Scan# 107
Delta R.T. -0.11 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.7	103.9	155.9#
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 98.026 ng

RT: 5.05 min Scan# 537

Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

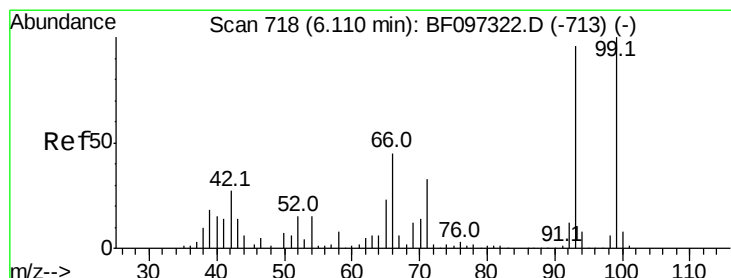
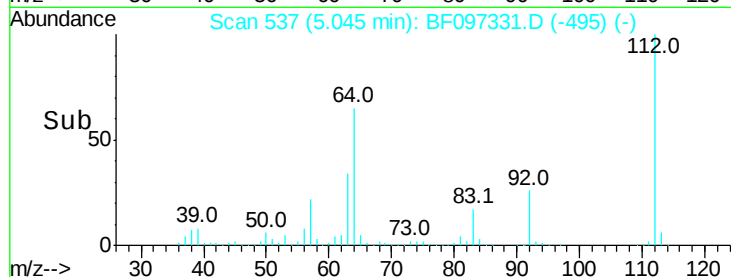
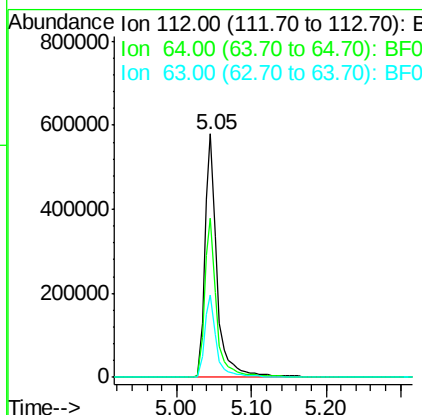
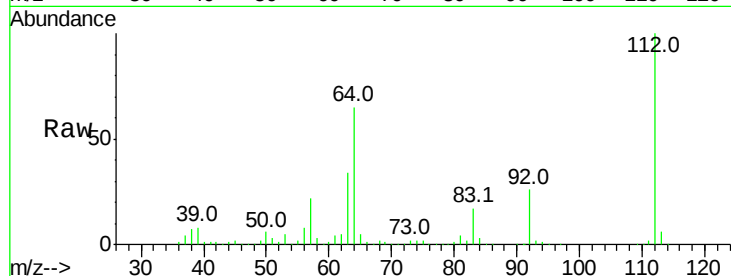
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	112	Resp:	659882
Ion Ratio	Lower	Upper	
112	100		
64	65.4	46.0	69.0
63	33.9	23.4	35.0

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#6

Aniline

Concen: 34.073 ng

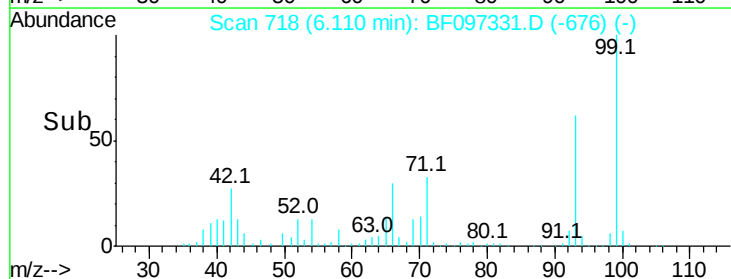
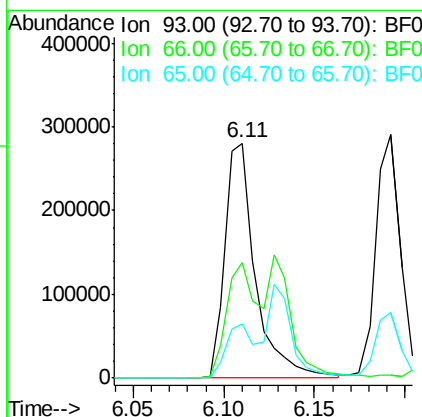
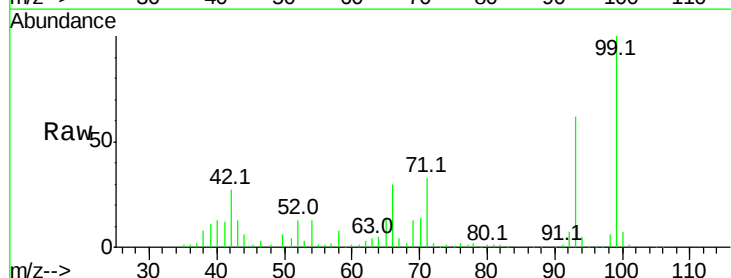
RT: 6.11 min Scan# 718

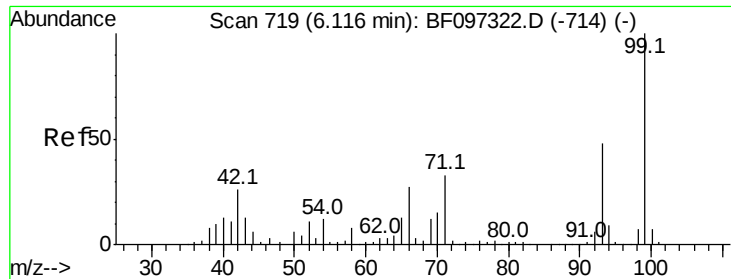
Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	93	Resp:	329515
Ion Ratio	Lower	Upper	
93	100		
66	49.1	32.9	49.3
65	22.8	16.0	24.0





#7

Phenol-d6

Concen: 106.504 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

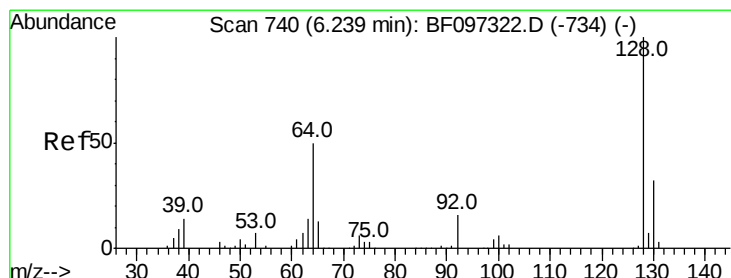
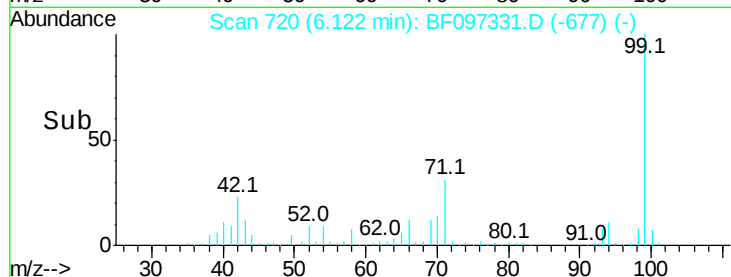
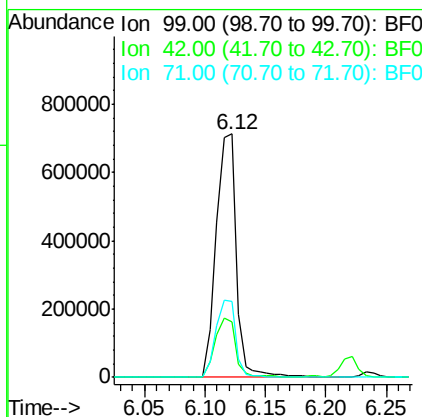
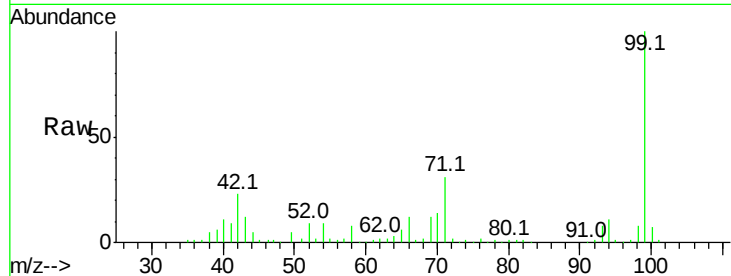
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	99	Resp:	818491
Ion Ratio	Lower	Upper	
99	100		
42	23.0	13.5	20.3#
71	31.3	24.5	36.7

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#8

2-Chlorophenol

Concen: 37.436 ng

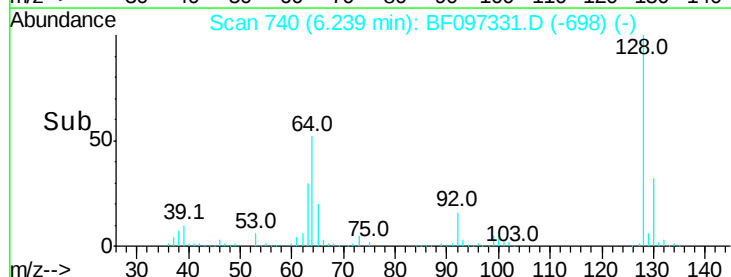
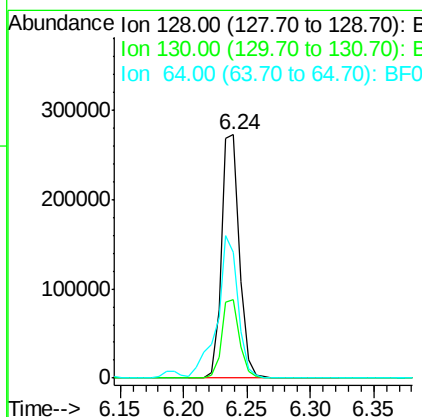
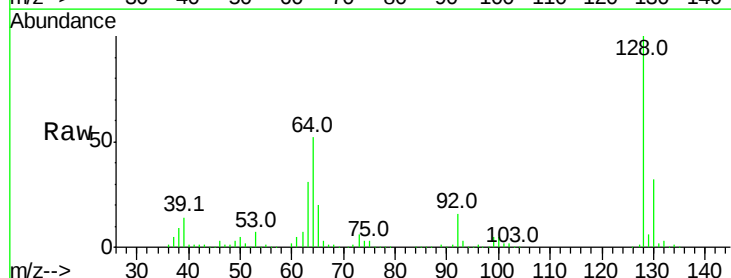
RT: 6.24 min Scan# 740

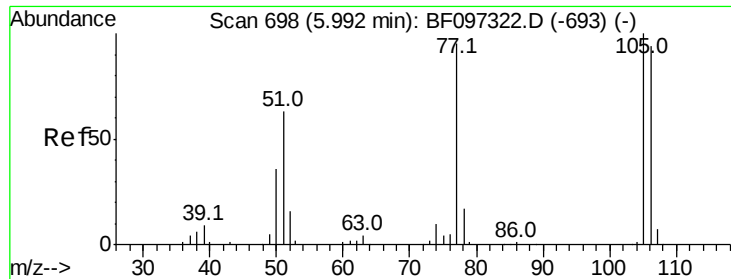
Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	128	Resp:	269469
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	51.8	28.4	68.4





#9

Benzaldehyde

Concen: 30.678 ng

RT: 5.99 min Scan# 697

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

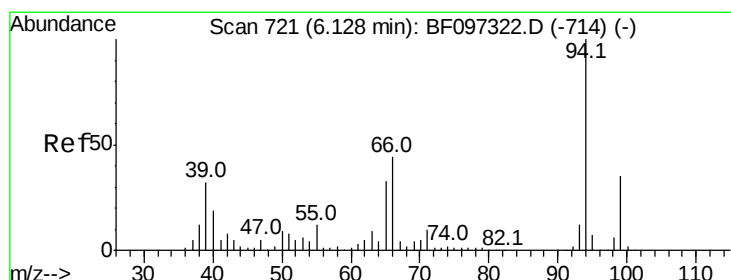
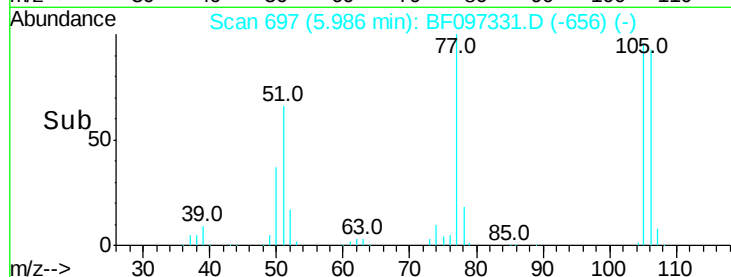
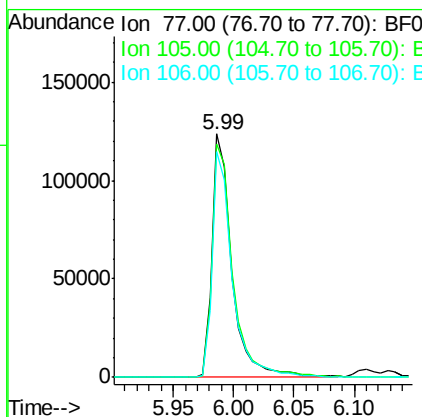
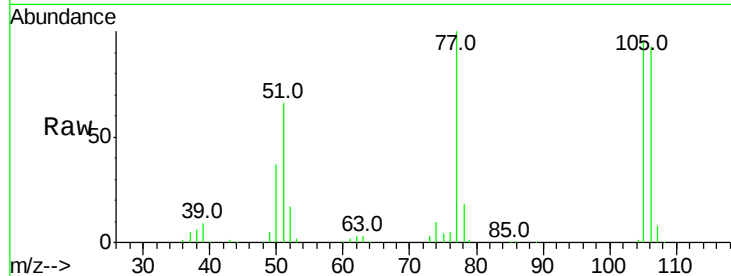
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	77	Resp:	139550
Ion	Ratio	Lower	Upper
77	100		
105	95.6	83.8	123.8
106	92.7	79.1	119.1

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#10

Phenol

Concen: 39.920 ng

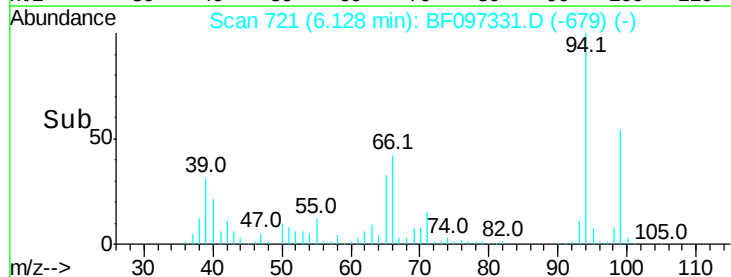
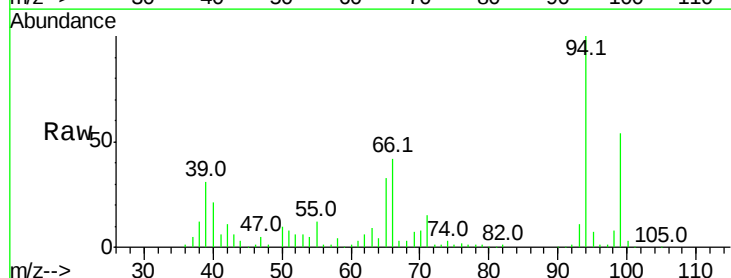
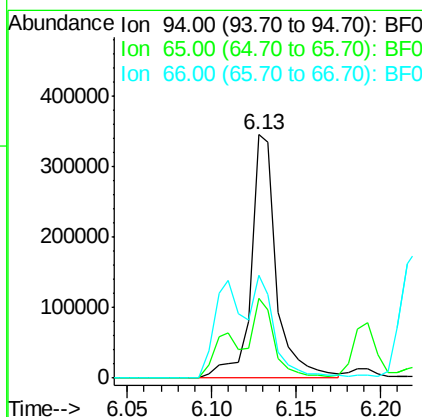
RT: 6.13 min Scan# 721

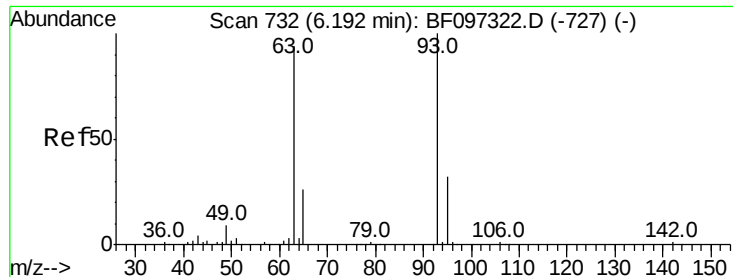
Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	94	Resp:	363894
Ion	Ratio	Lower	Upper
94	100		
65	32.5	9.9	49.9
66	42.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.446 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

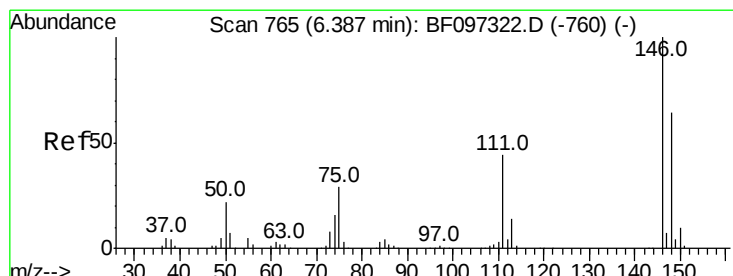
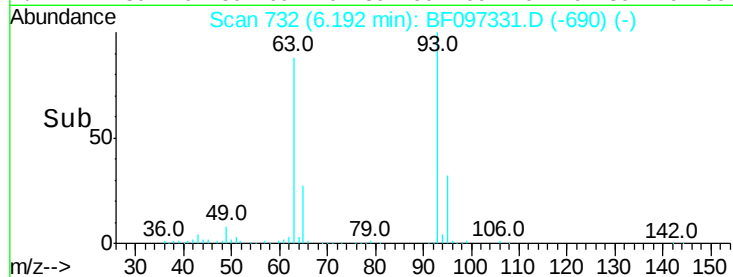
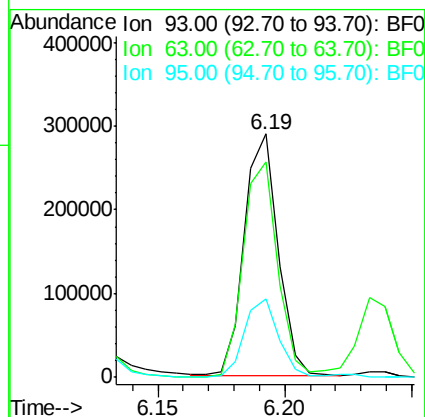
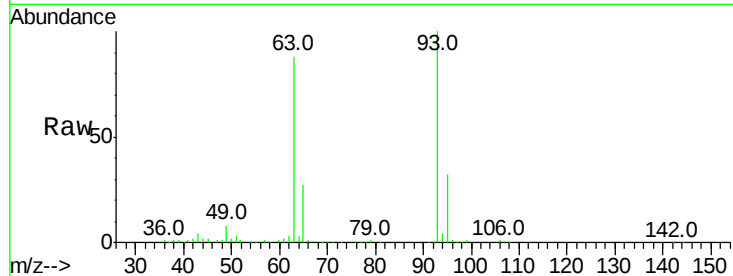
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	93	Resp:	269970
Ion	Ratio	Lower	Upper
93	100		
63	88.5	59.2	99.2
95	32.0	12.8	52.8

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#12

1,3-Dichlorobenzene

Concen: 34.877 ng

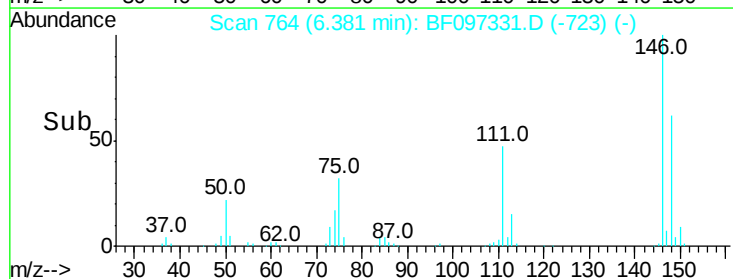
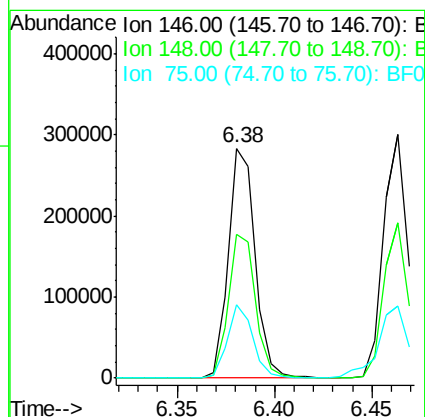
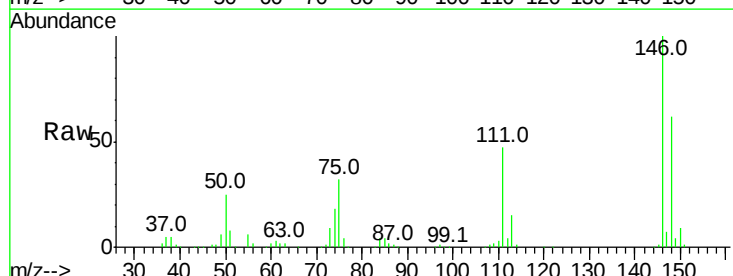
RT: 6.38 min Scan# 764

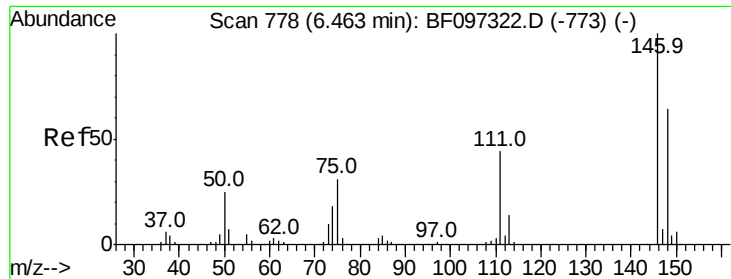
Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	146	Resp:	270547
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.6
75	31.9	23.1	34.7





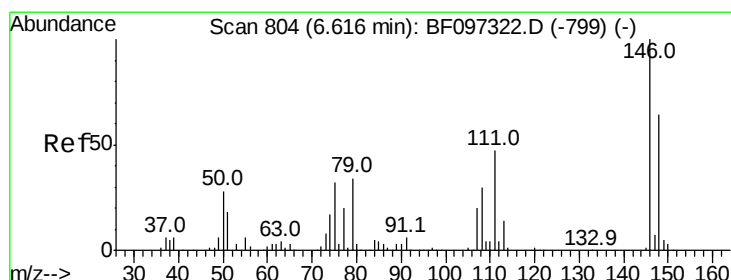
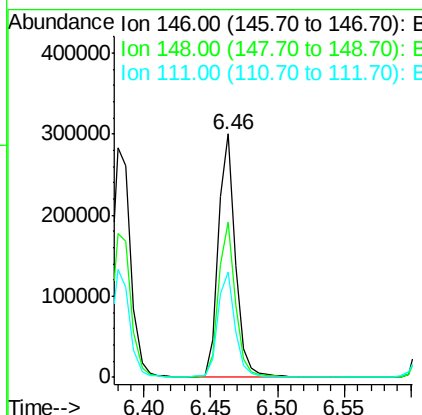
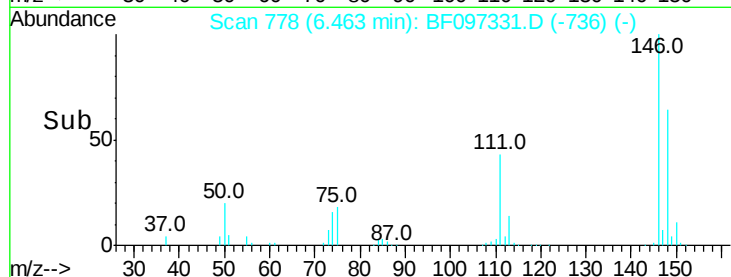
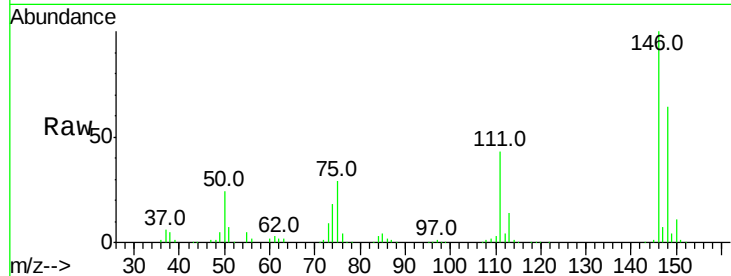
#13
 1,4-Dichlorobenzene
 Concen: 35.522 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	43.4	30.3	45.5

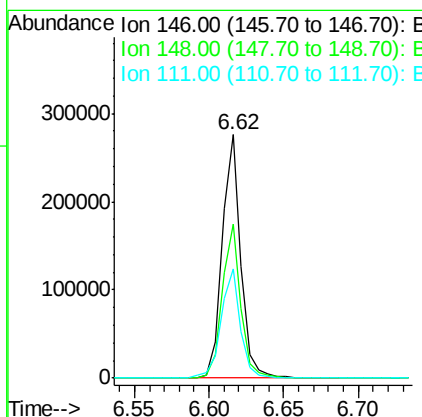
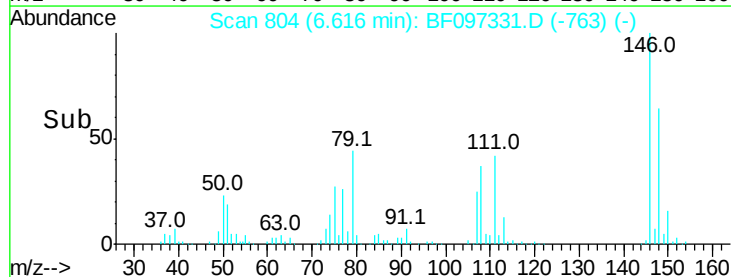
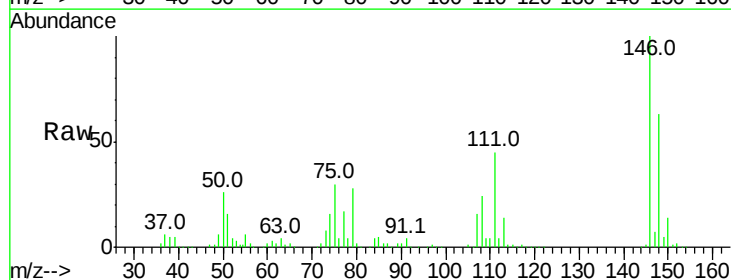
Manual Integrations
 APPROVED

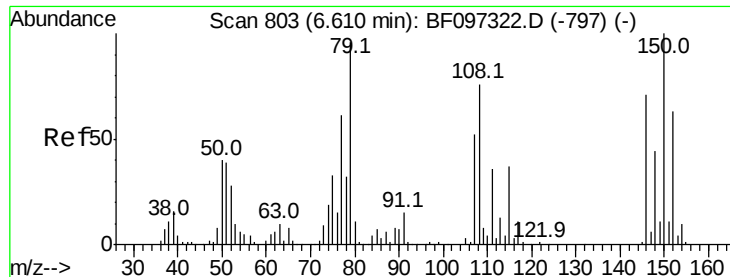
Sohil
 8/4/2017 5:30:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.039 ng
 RT: 6.62 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	44.8	38.2	57.4





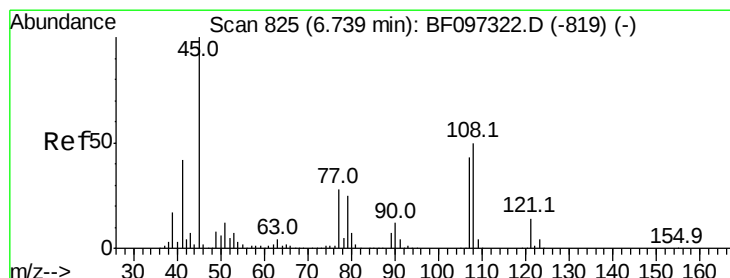
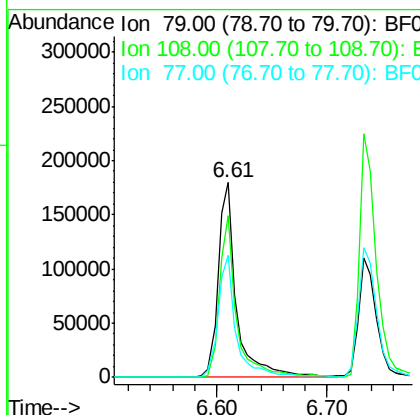
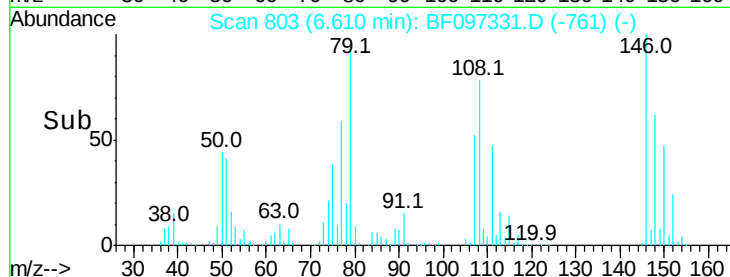
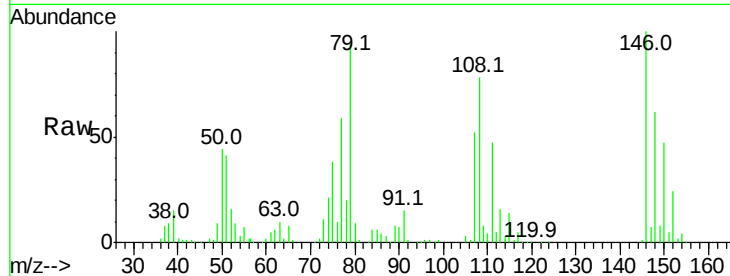
#15
Benzyl Alcohol
Concen: 43.080 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion:	79	Resp:	209610
Ion Ratio	Lower	Upper	
79	100		
108	82.9	63.4	95.0
77	62.8	49.2	73.8

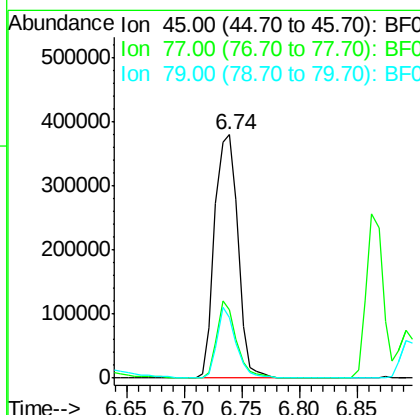
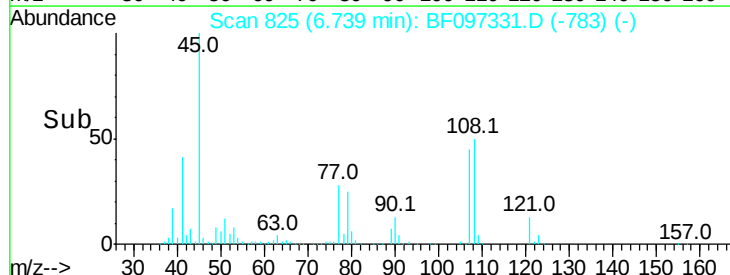
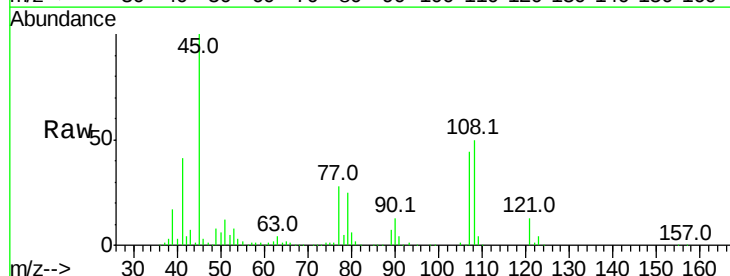
Manual Integrations
APPROVED

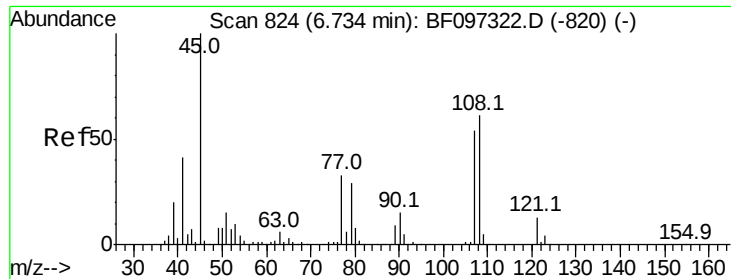
Sohil
8/4/2017 5:30:23 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.676 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion:	45	Resp:	530350
Ion Ratio	Lower	Upper	
45	100		
77	27.9	0.0	33.2
79	24.9	0.0	30.0





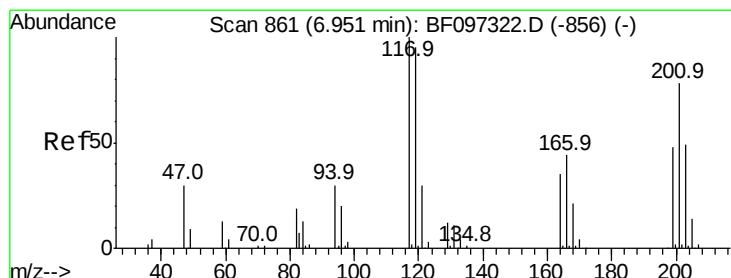
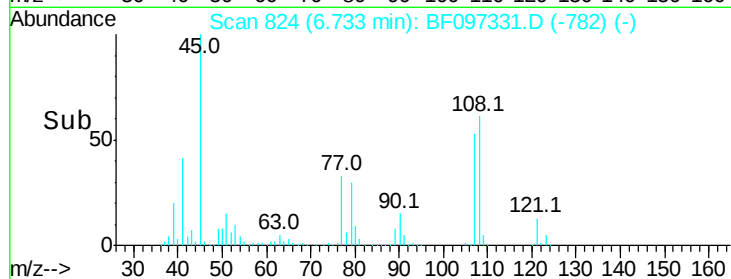
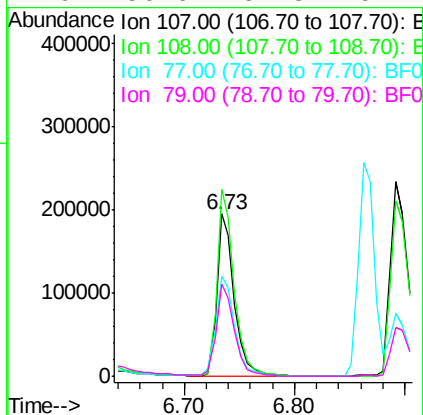
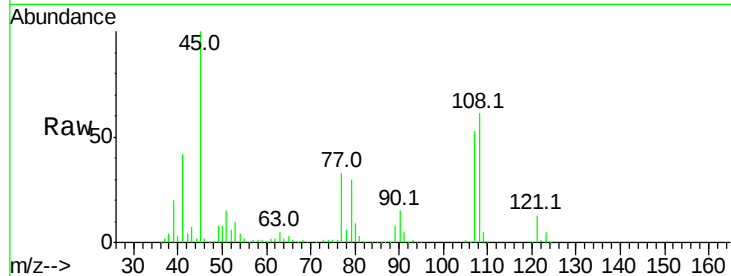
#17
2-Methylphenol
Concen: 38.026 ng
RT: 6.73 min Scan# 824
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	93.4	140.0	
77	61.3	35.8	53.6#	
79	56.6	34.8	52.2#	

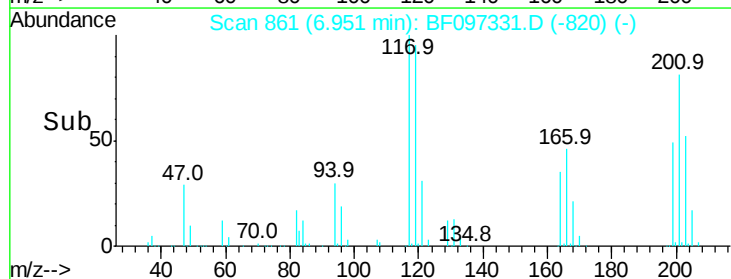
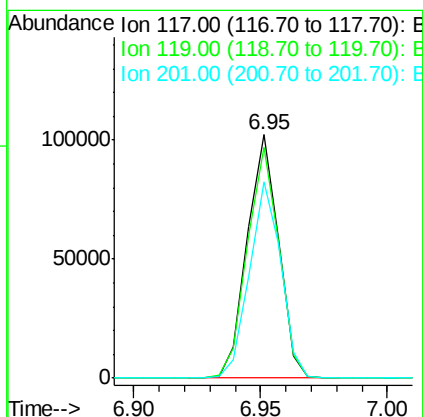
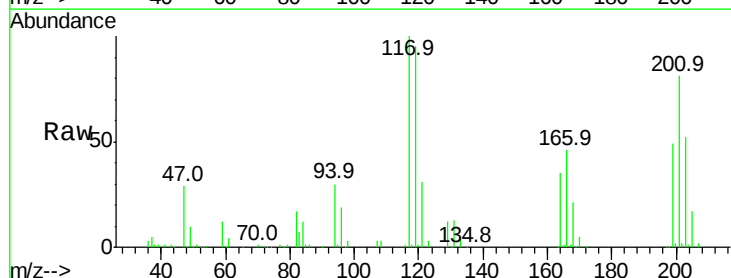
Manual Integrations
APPROVED

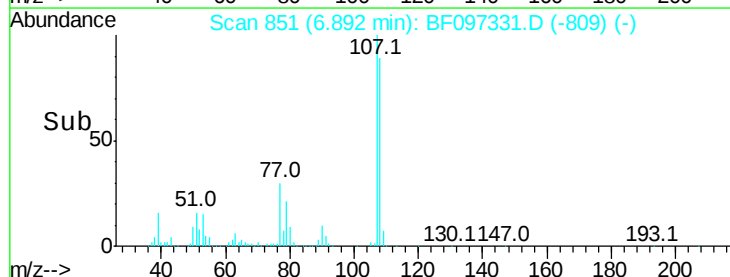
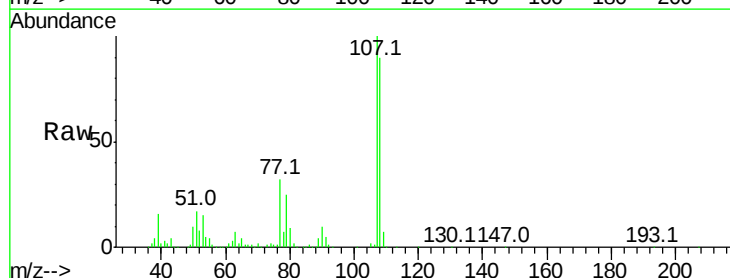
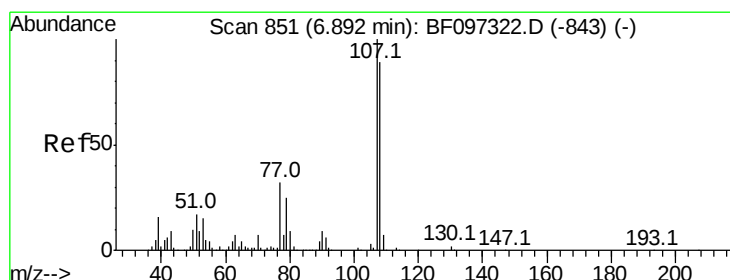
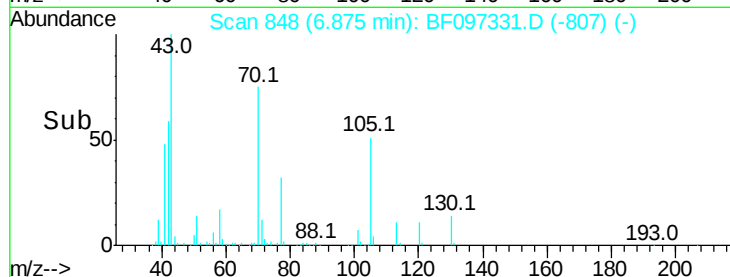
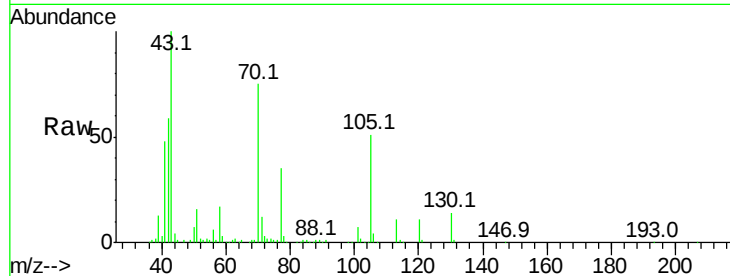
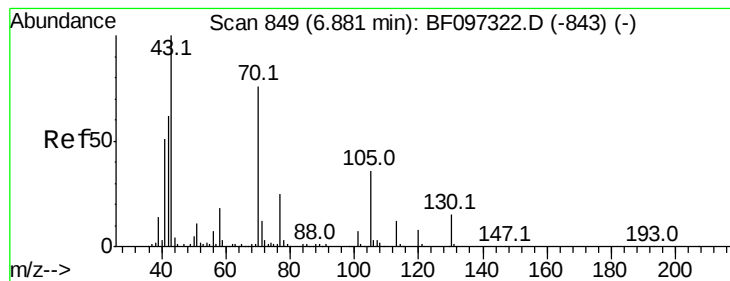
Sohil
8/4/2017 5:30:23 PM



#18
Hexachloroethane
Concen: 31.406 ng
RT: 6.95 min Scan# 861
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.0	
201	80.8	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 36.076 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tot Ion: 70 Resp: 182490

Ion Ratio Lower Upper

70 100

42 79.4 47.2 70.8#

101 9.0 7.2 10.8

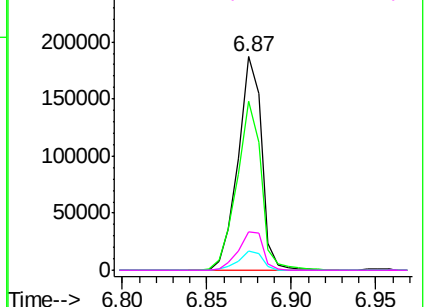
130 18.3 15.9 23.9

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMSD

Manual Integrations

APPROVED

Sohil

8/4/2017 5:30:23 PM

#20

3+4-Methylphenols

Concen: 39.236 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:107 Resp: 284686

Ion Ratio Lower Upper

107 100

108 90.1 71.0 111.0

77 32.1 90.5 130.5#

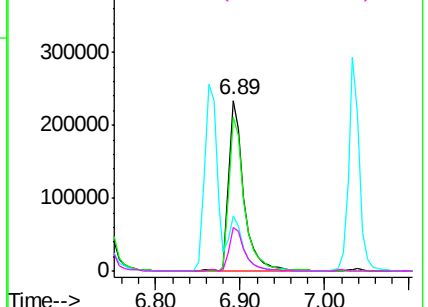
79 25.2 8.4 48.4

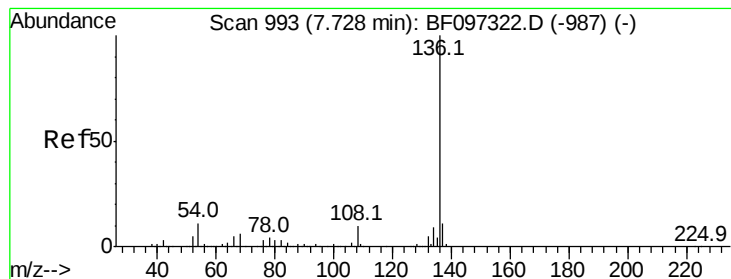
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

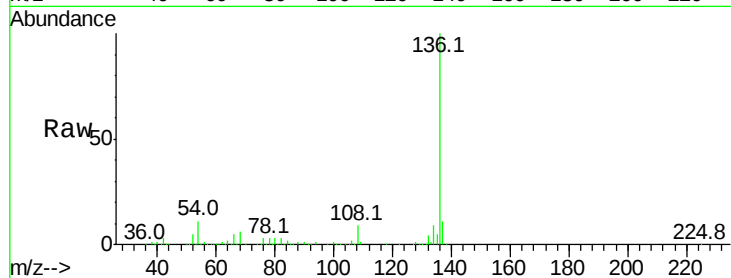
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	10.8	4.9	7.3	
68	5.9	4.1	6.1	

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM

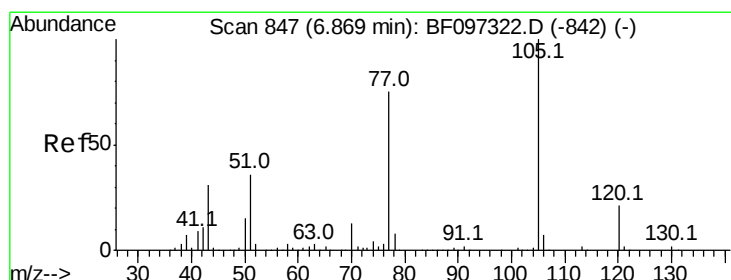
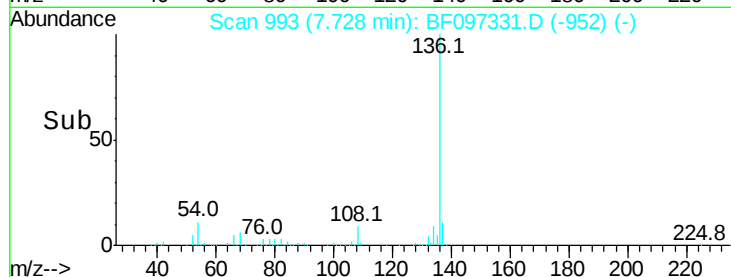
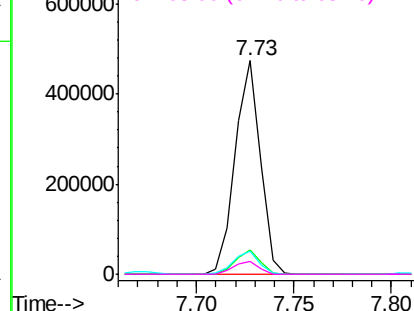


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.230 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

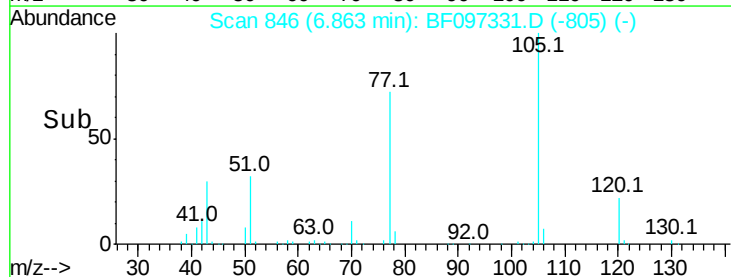
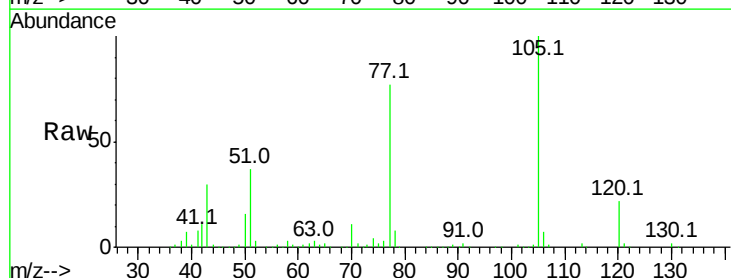
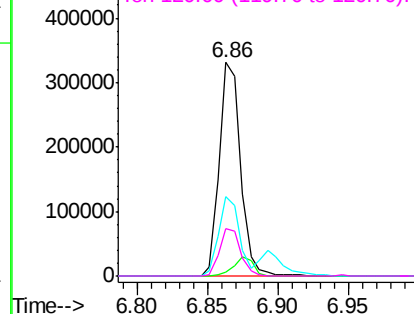
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	2.8	4.2	
51	37.3	30.7	46.1	
120	22.0	17.4	26.0	

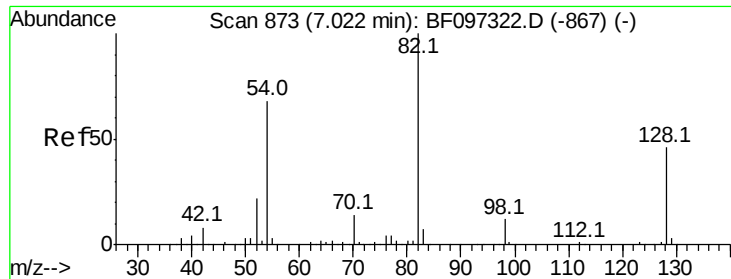
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





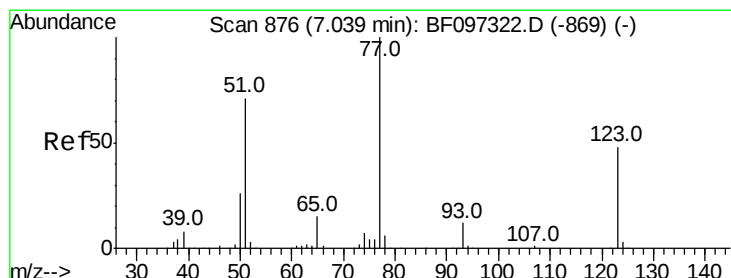
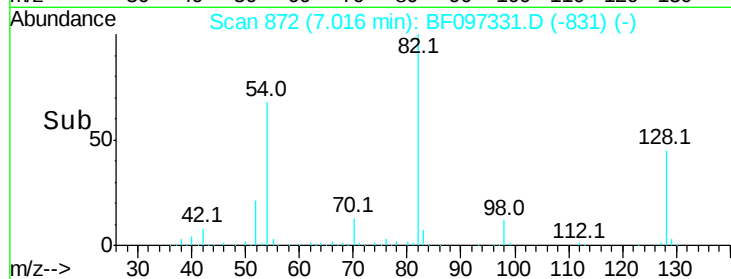
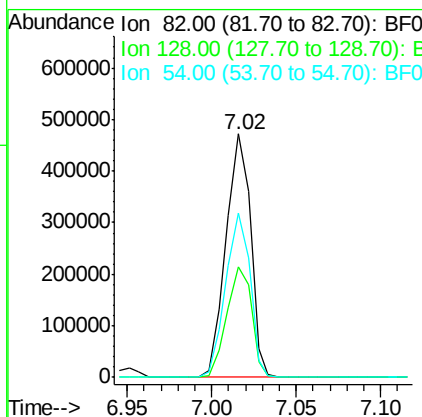
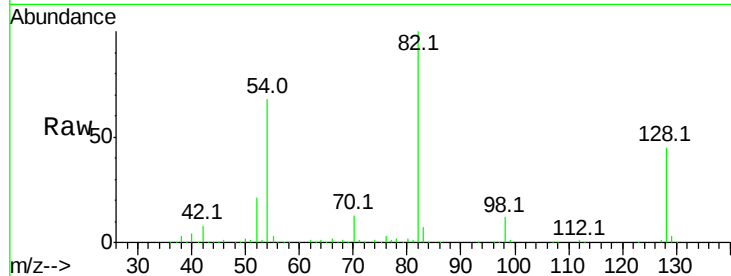
#23
 Nitrobenzene-d5
 Concen: 66.425 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	34.0	51.0	
54	67.6	42.2	63.2	

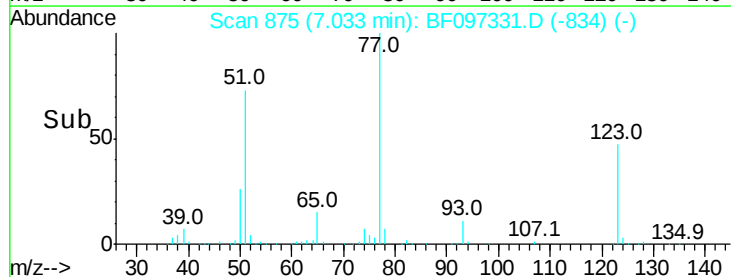
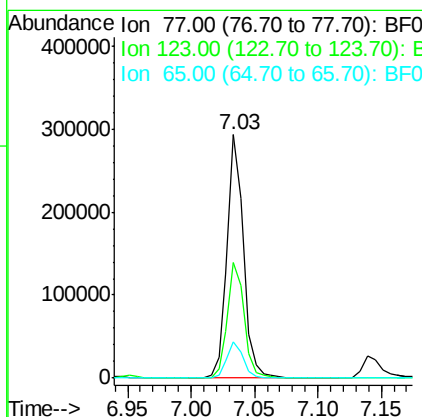
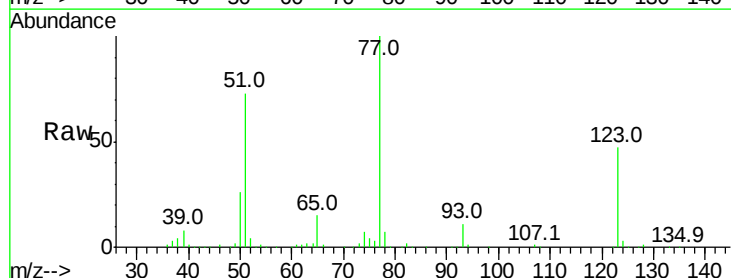
Manual Integrations
 APPROVED

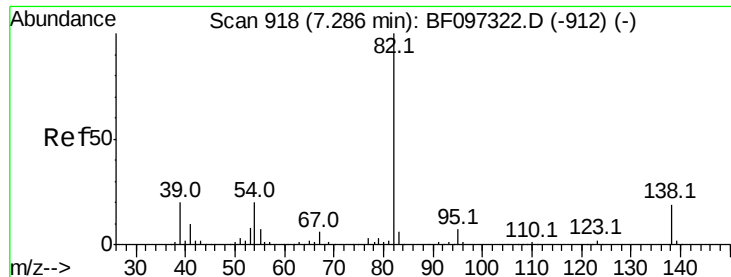
Sohil
 8/4/2017 5:30:23 PM



#24
 Nitrobenzene
 Concen: 35.161 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.3	35.8	53.8	
65	15.0	10.6	15.8	





#25

Isophorone

Concen: 35.374 ng

RT: 7.28 min Scan# 917

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

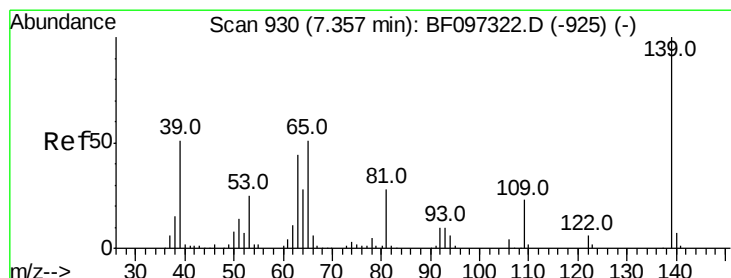
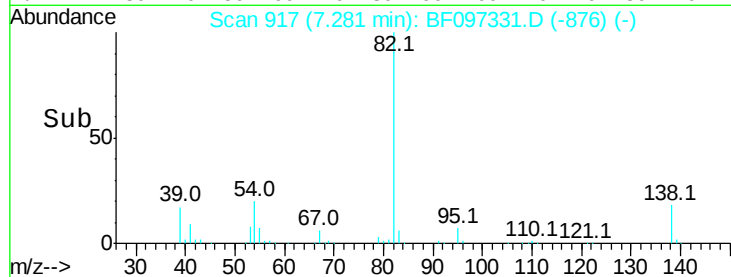
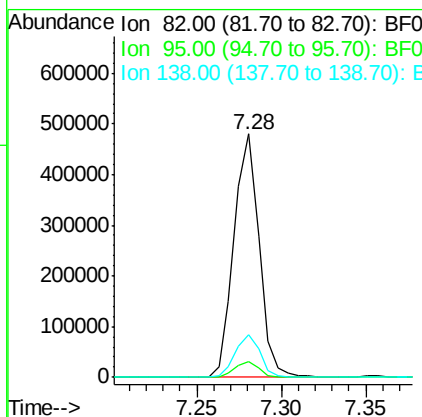
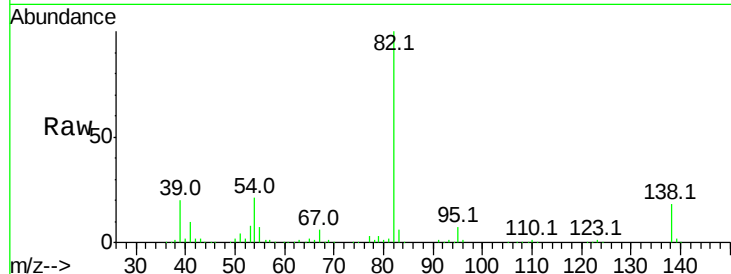
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	82	Resp:	499875
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	17.7	13.1	19.7

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#26

2-Nitrophenol

Concen: 33.114 ng

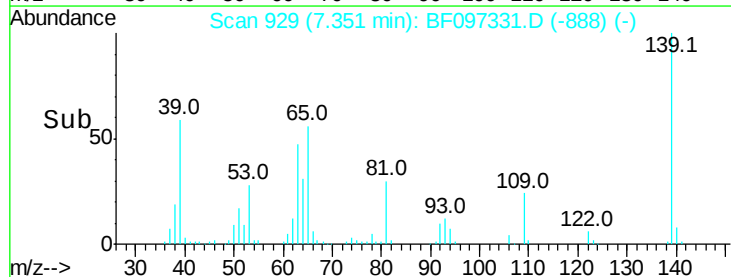
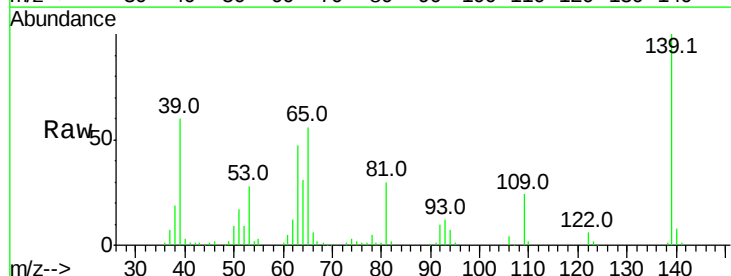
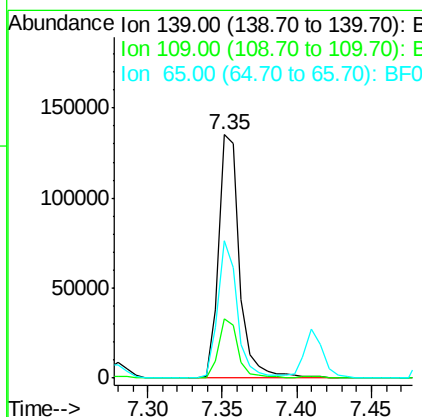
RT: 7.35 min Scan# 929

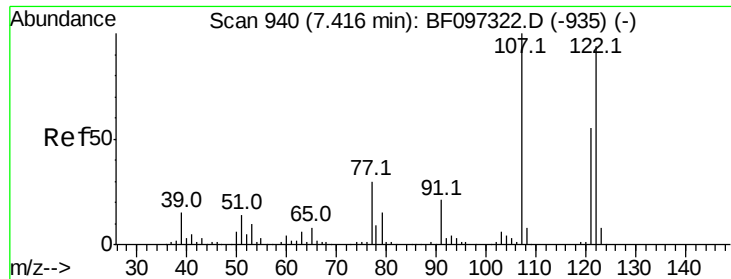
Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	139	Resp:	134634
Ion Ratio	Lower	Upper	
139	100		
109	24.1	21.0	31.6
65	56.3	33.0	49.6#





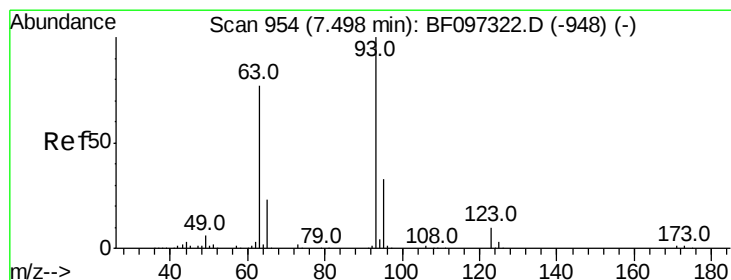
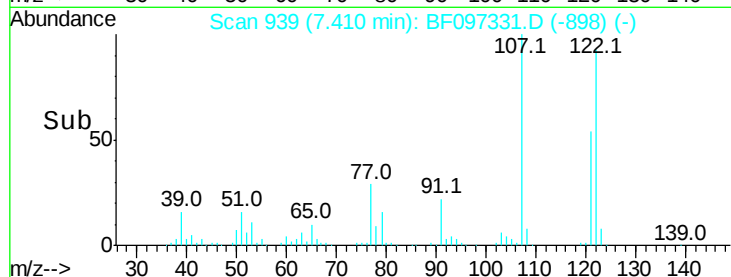
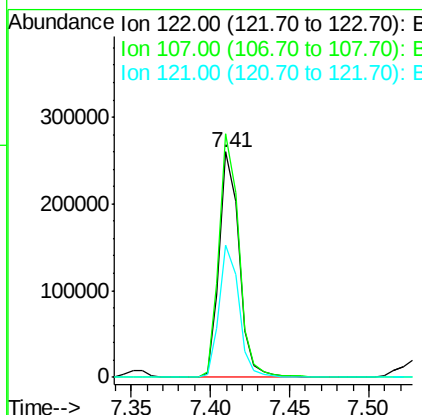
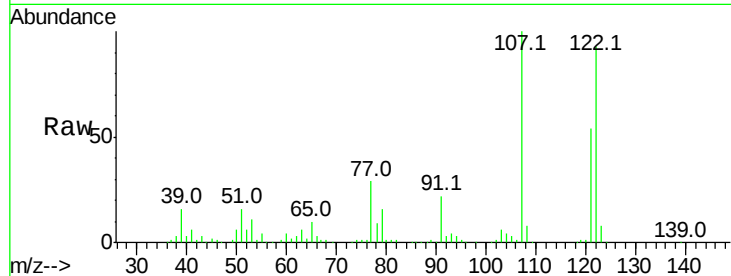
#27
 2,4-Dimethylphenol
 Concen: 34.076 ng
 RT: 7.41 min Scan# 939
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	228544		
107	107.9	89.2	133.8	
121	58.6	45.2	67.8	

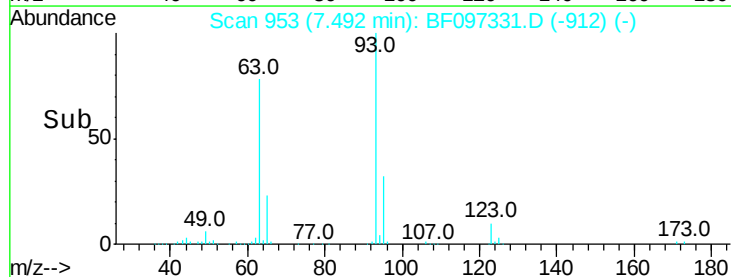
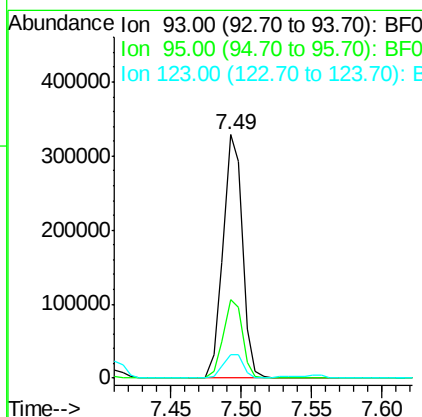
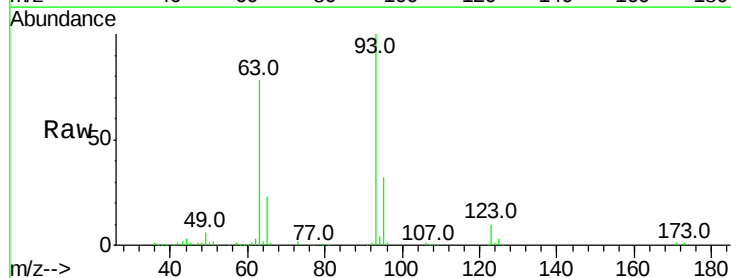
Manual Integrations
 APPROVED

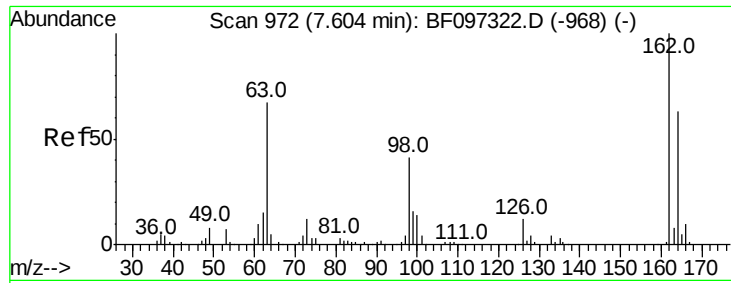
Sohil
 8/4/2017 5:30:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.233 ng
 RT: 7.49 min Scan# 953
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	315690		
95	32.1	26.5	39.7	
123	9.9	9.0	13.4	





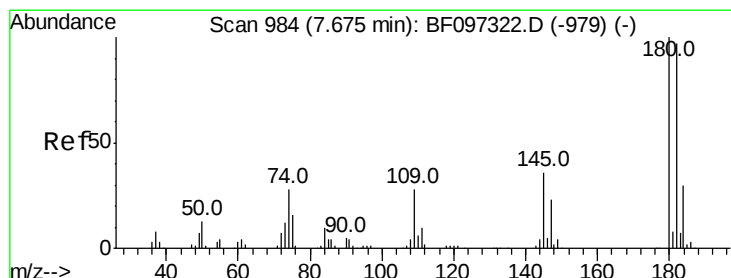
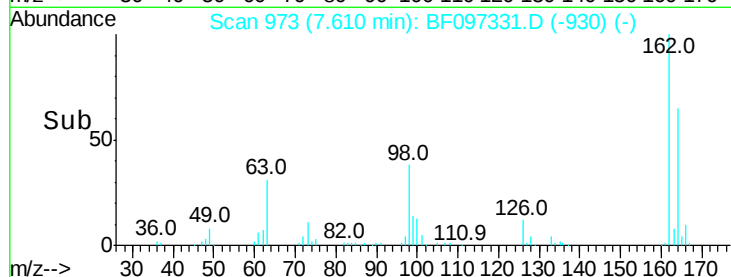
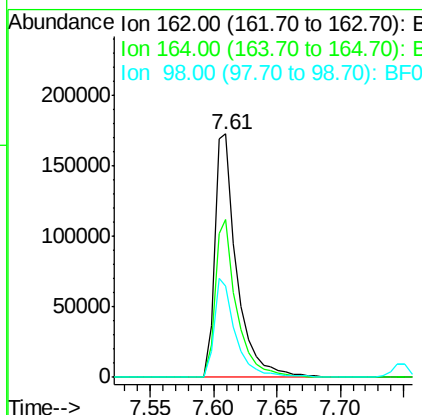
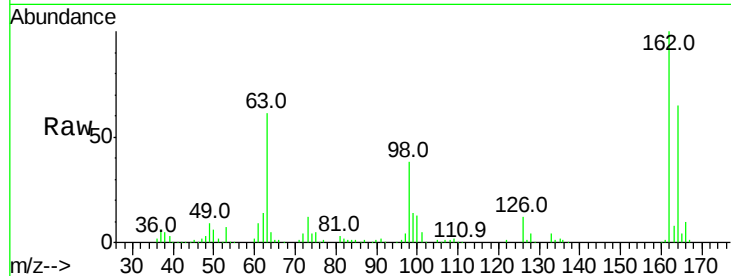
#29
 2,4-Dichlorophenol
 Concen: 36.463 ng
 RT: 7.61 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	210676		
164	64.8		44.6	84.6
98	37.7		14.8	54.8

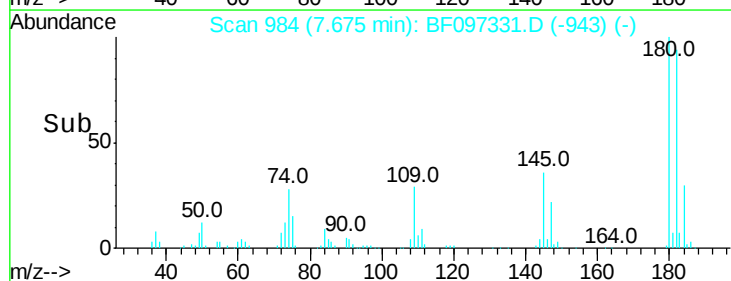
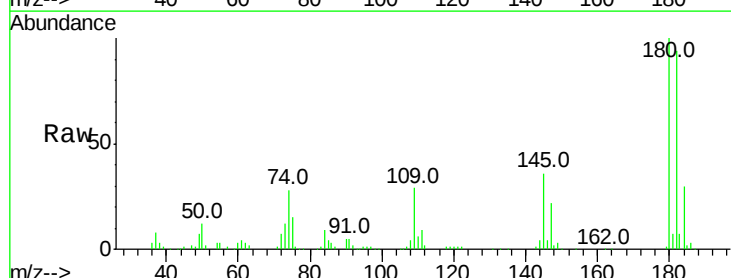
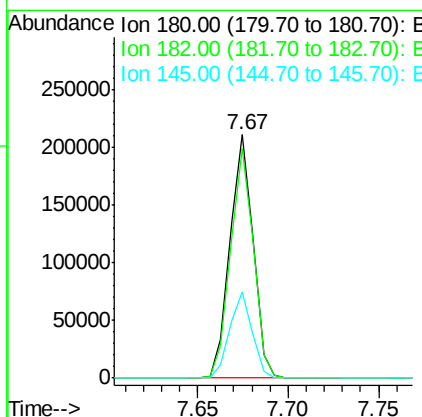
Manual Integrations
 APPROVED

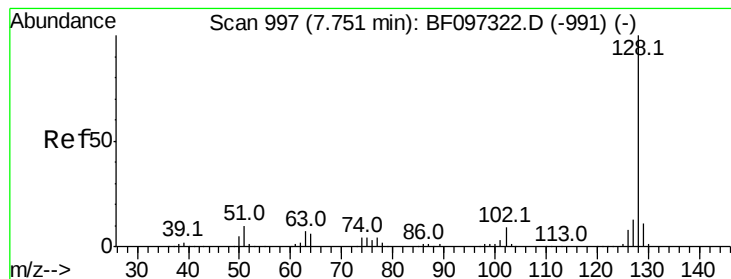
Sohil
 8/4/2017 5:30:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.169 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188179		
182	94.4		75.8	113.6
145	35.6		25.3	37.9





#31

Naphthalene

Concen: 35.786 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

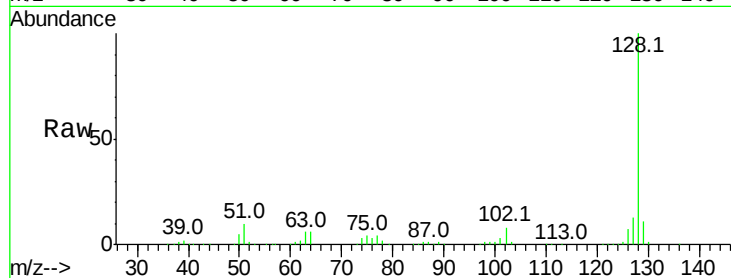
ClientSampleId :

FK-GF-02-008-BMSD

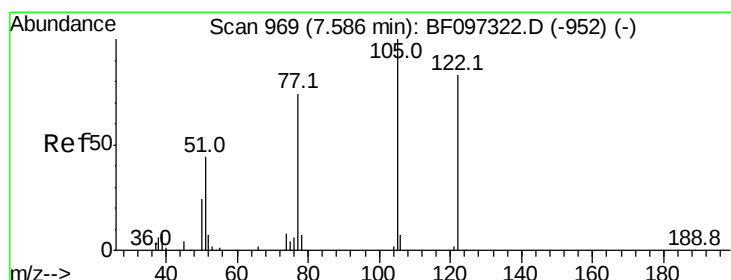
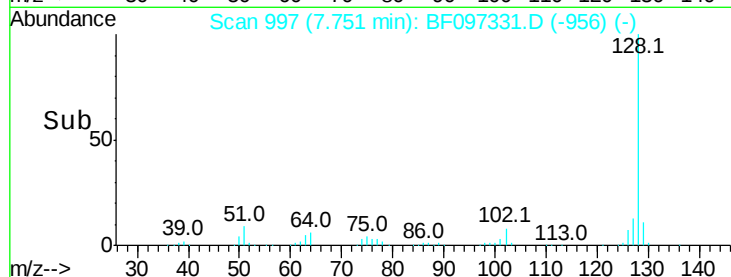
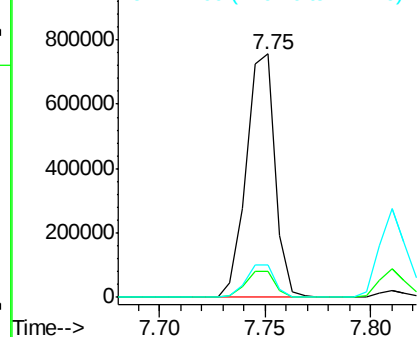
Tot Ion:	128	Resp:	714071
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.6
127	13.4	10.8	16.2

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



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



#32

Benzoic acid

Concen: 17.142 ng

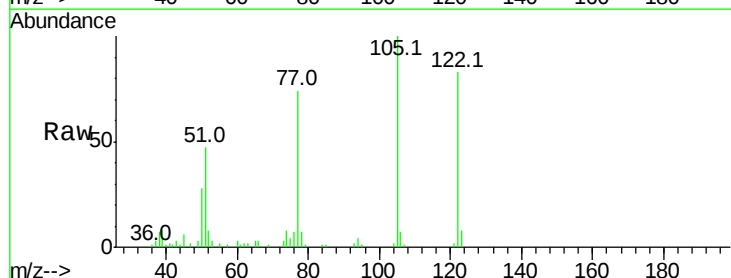
RT: 7.55 min Scan# 963

Delta R.T. -0.08 min

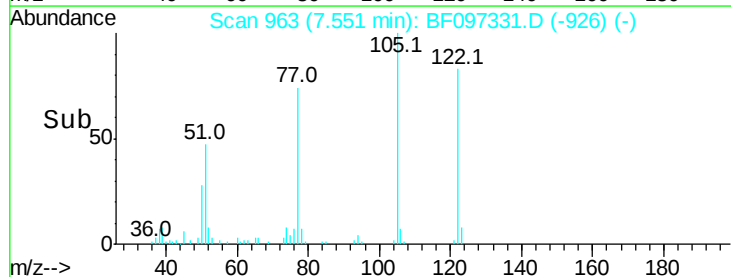
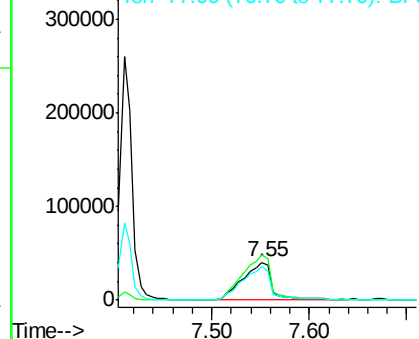
Lab File: BF097331.D

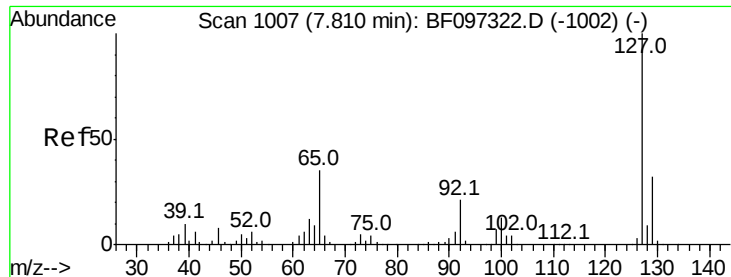
Acq: 3 Aug 2017 21:59

Tgt Ion:	122	Resp:	85850
Ion Ratio	Lower	Upper	
122	100		
105	120.1	103.3	143.3
77	88.5	73.7	113.7



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





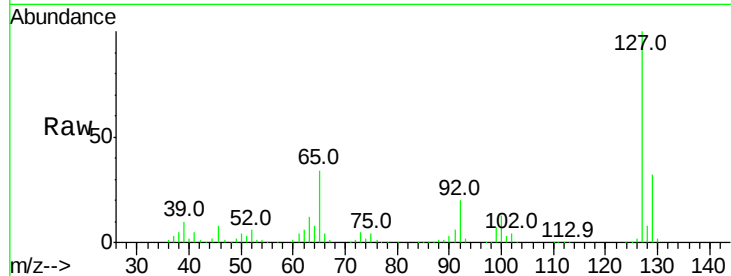
#33
4-Chloroaniline
Concen: 33.740 ng
RT: 7.81 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

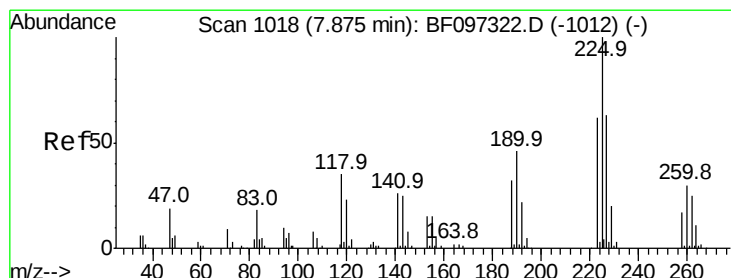
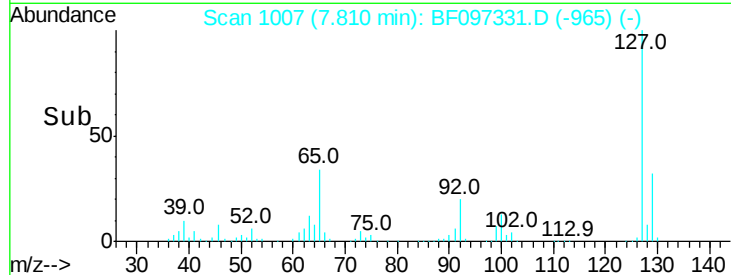
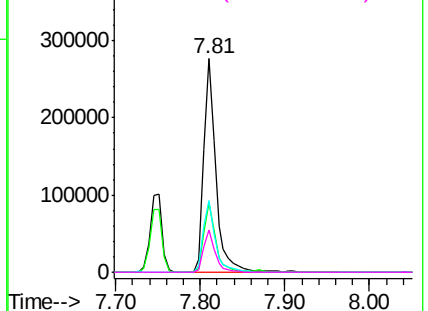
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		273941		
129	32.2	26.2	39.2		
65	33.6	27.8	41.8		
92	19.8	16.8	25.2		

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM

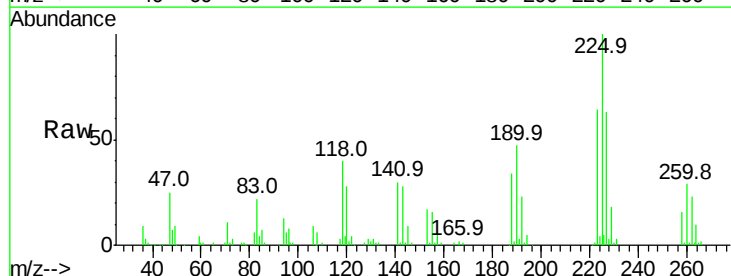


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

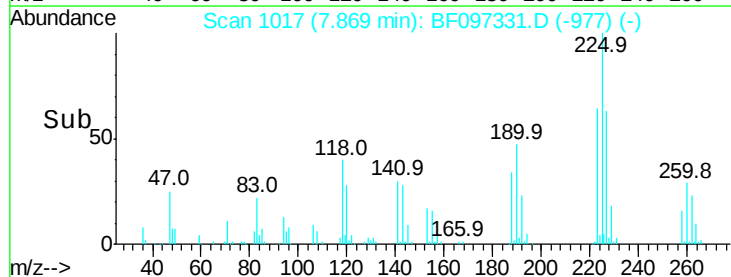
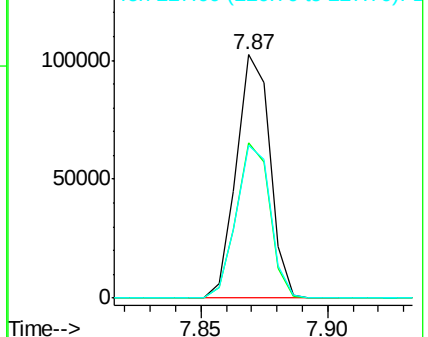


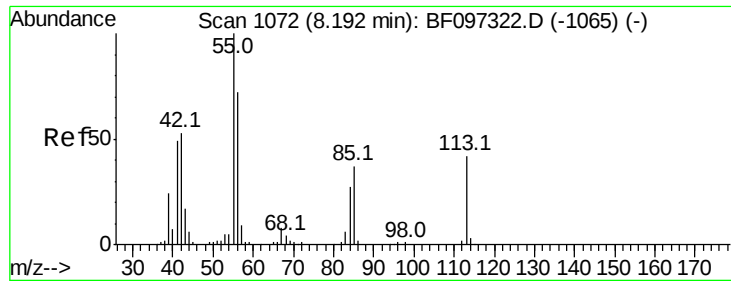
#34
Hexachlorobutadiene
Concen: 32.377 ng
RT: 7.87 min Scan# 1017
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		94529		
223	64.0	48.8	73.2		
227	62.8	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





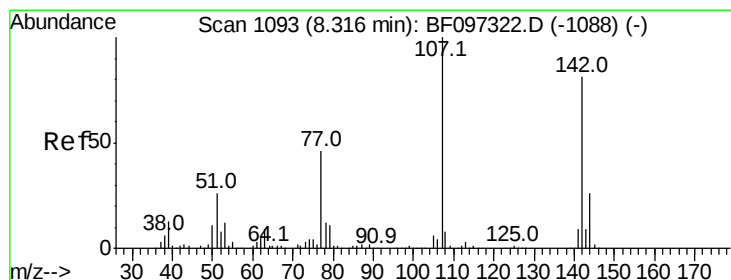
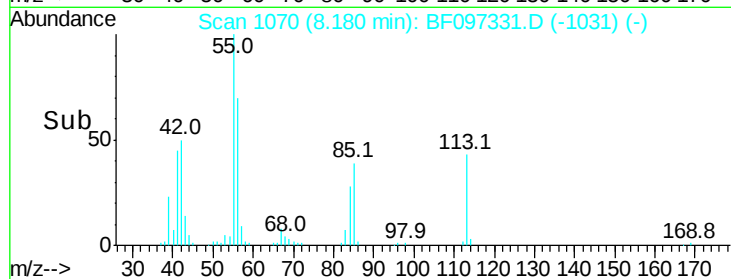
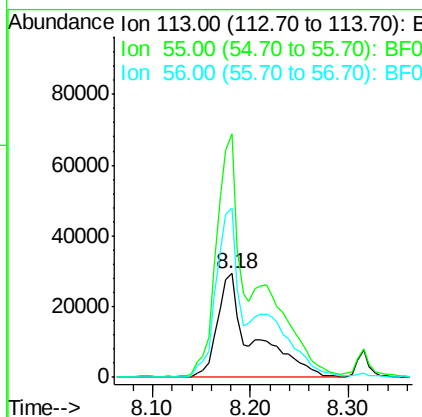
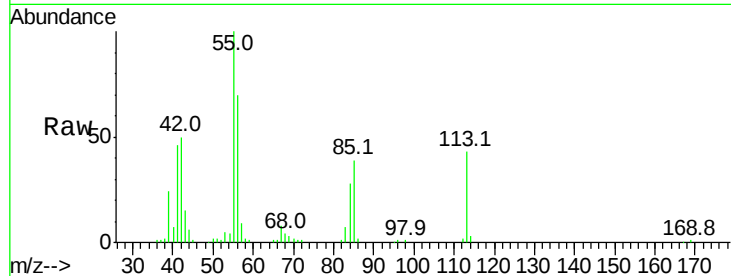
#35
 Caprolactam
 Concen: 40.331 ng/ml
 RT: 8.18 min Scan# 1070
 Delta R.T. -0.07 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion:113 Resp: 74722
 Ion Ratio Lower Upper
 113 100
 55 234.2 150.2 190.2#
 56 162.9 107.8 147.8#

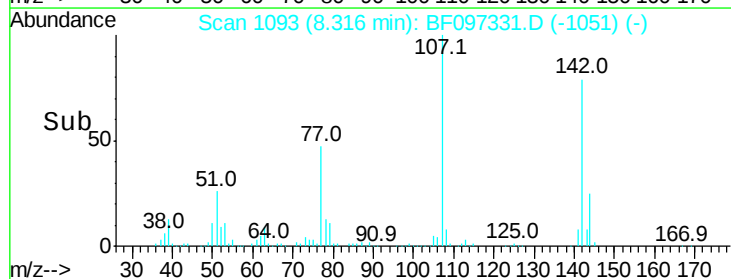
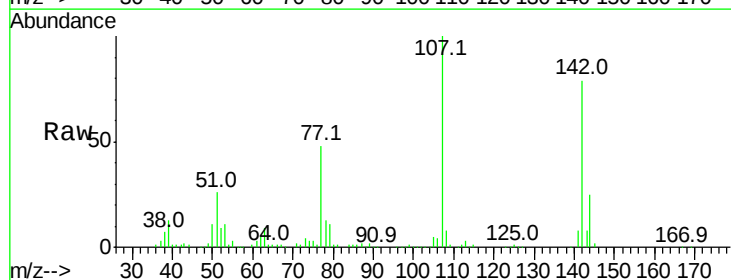
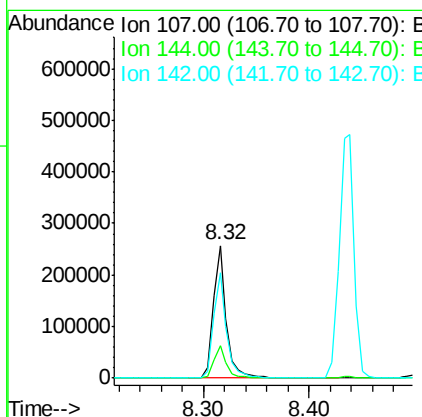
Manual Integrations
 APPROVED

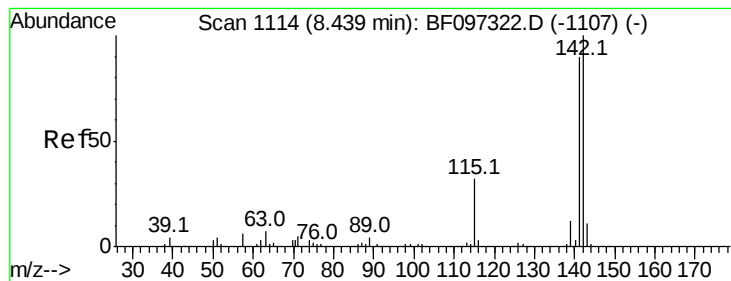
Sohil
 8/4/2017 5:30:23 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.145 ng/ml
 RT: 8.32 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion:107 Resp: 221537
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 79.2 73.4 110.0





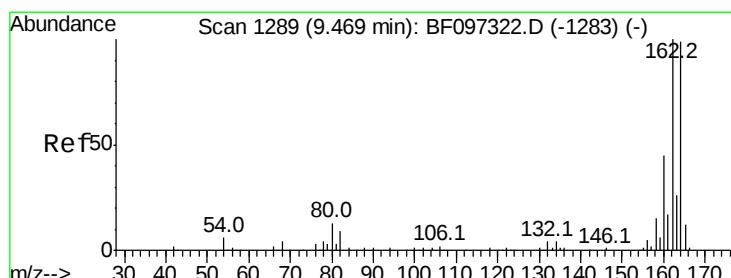
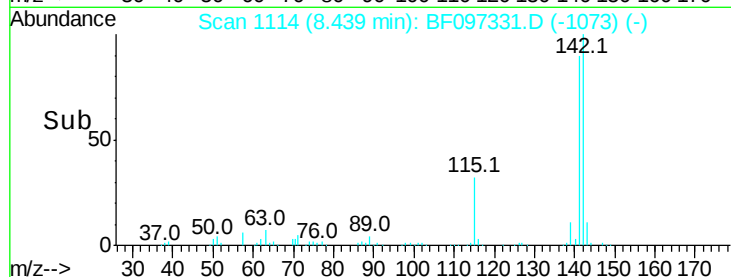
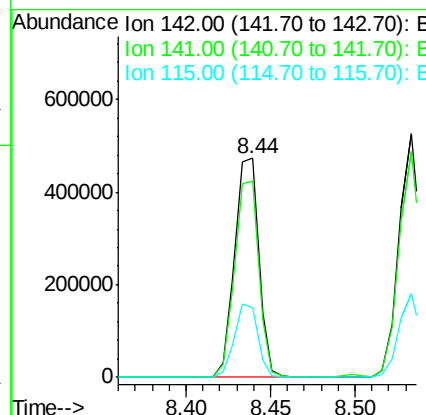
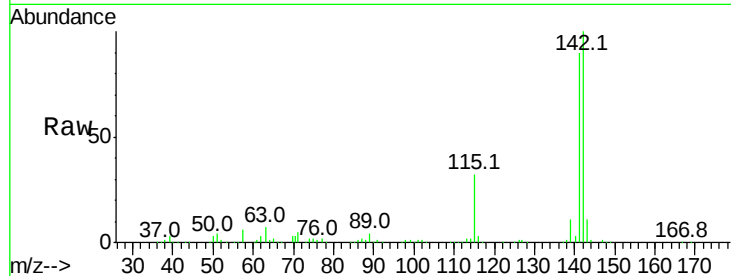
#37
2-Methylnaphthalene
Concen: 37.391 ng
RT: 8.44 min Scan# 1114
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	472396		
141	89.9		71.3	106.9
115	32.0		27.1	40.7

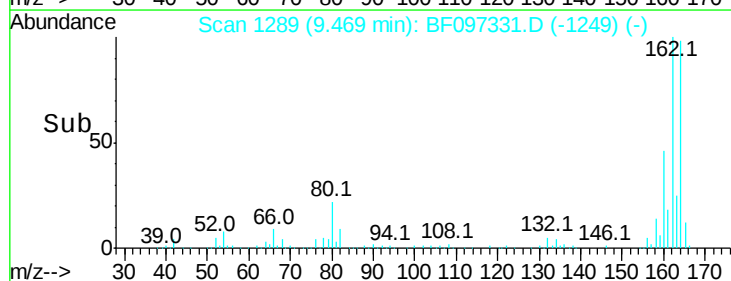
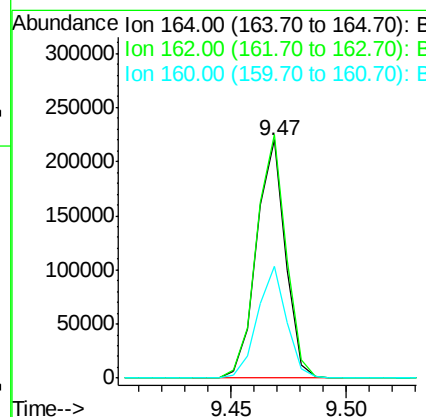
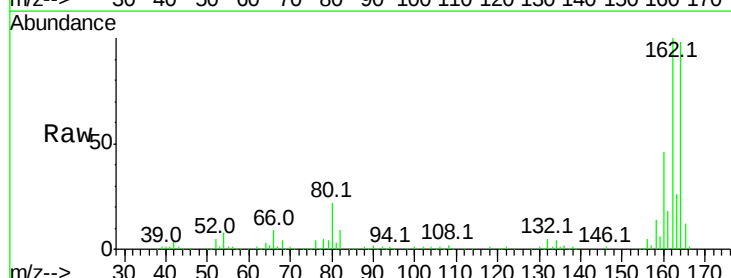
Manual Integrations
APPROVED

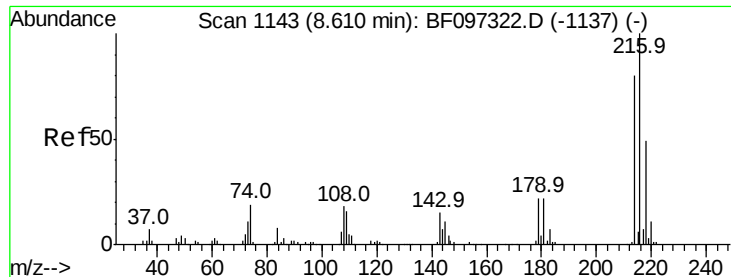
Sohil
8/4/2017 5:30:23 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192442		
162	102.1		82.6	123.8
160	47.1		36.2	54.2





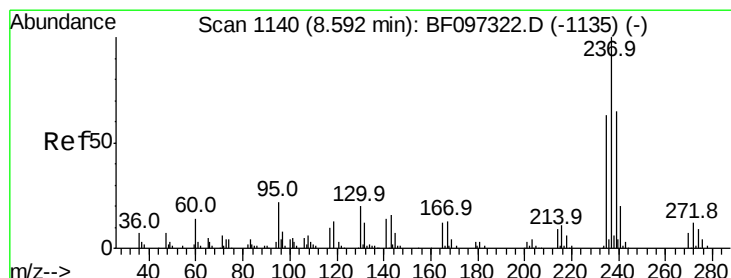
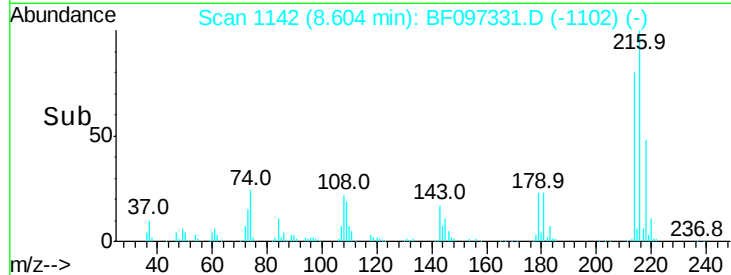
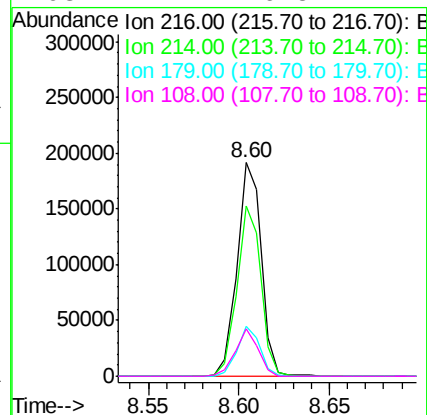
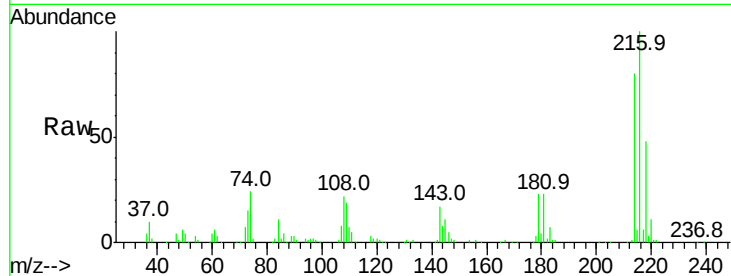
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.702 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	178187		
214	78.6	63.4	95.2	
179	22.0	17.9	26.9	
108	21.1	16.5	24.7	

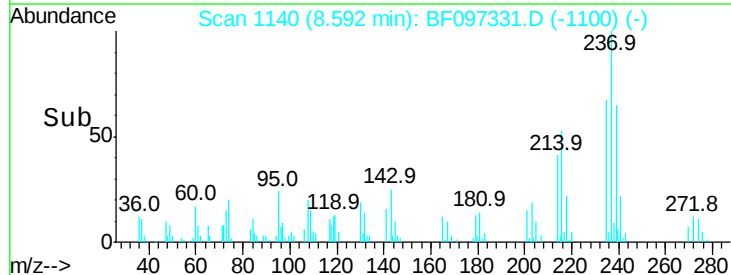
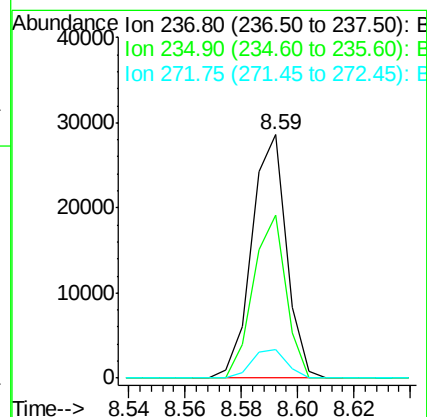
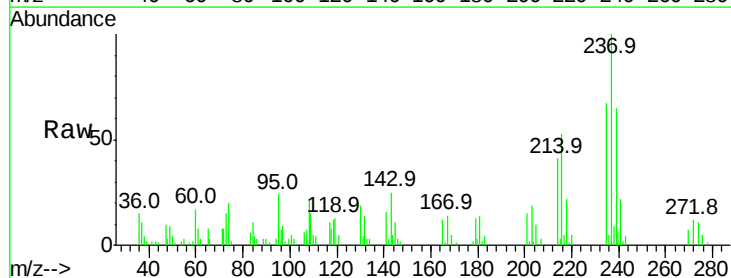
Manual Integrations
 APPROVED

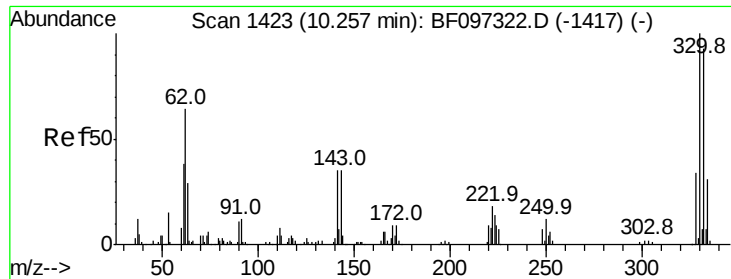
Sohil
 8/4/2017 5:30:23 PM



#40
 Hexachlorocyclopentadiene
 Concen: 19.044 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	24368		
235	66.8	42.6	82.6	
272	12.0	0.0	31.9	





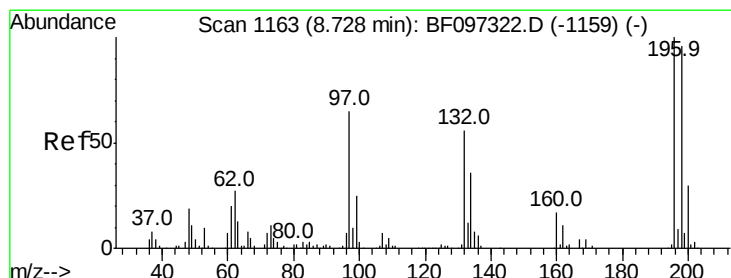
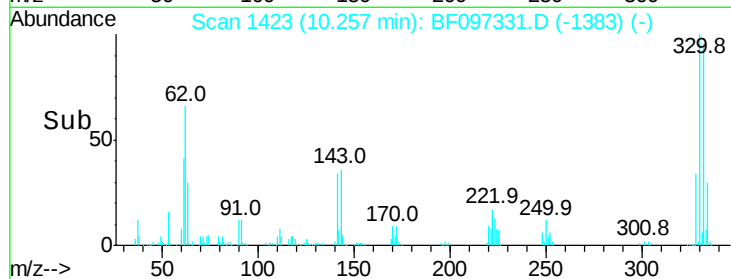
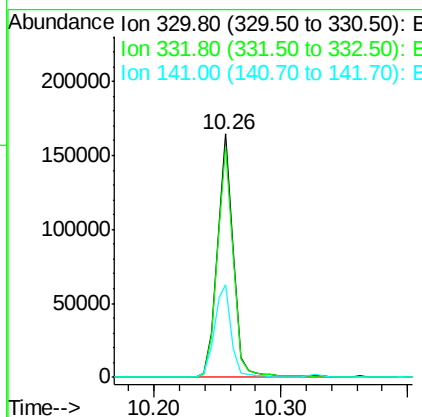
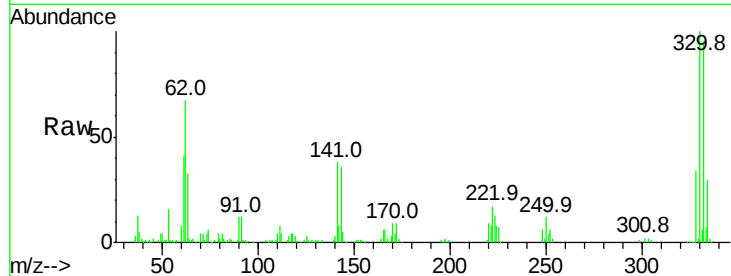
#41
 2,4,6-Tribromophenol
 Concen: 97.383 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	148068		
332	94.9	76.6	115.0	
141	39.8	31.4	47.2	

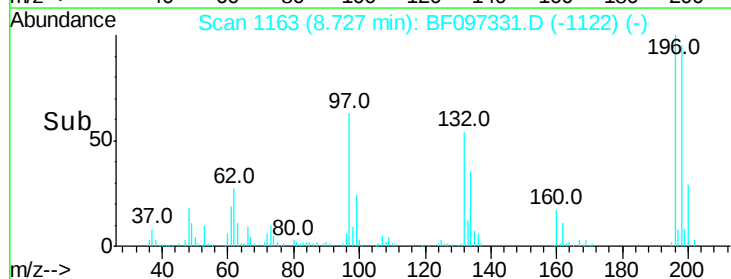
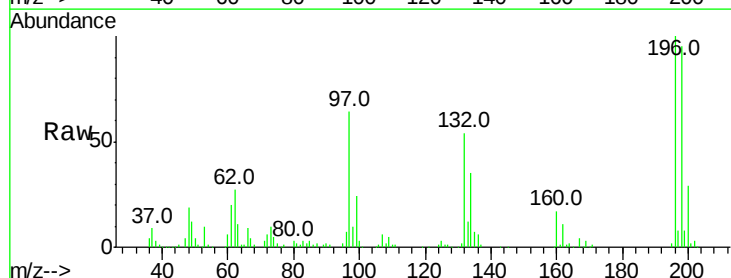
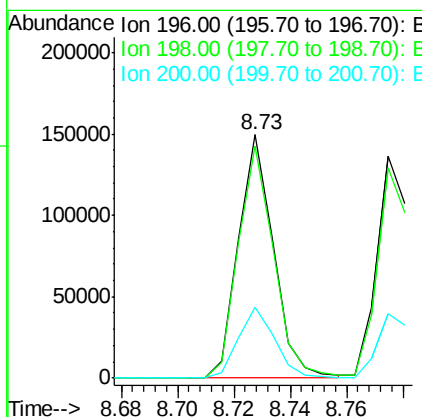
Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.830 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129607		
198	95.3	74.2	111.4	
200	28.9	24.0	36.0	





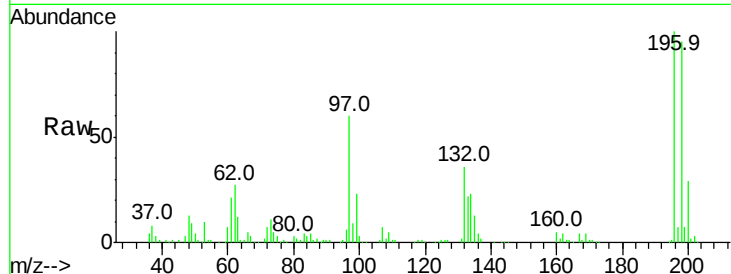
#43
 2,4,5-Trichlorophenol
 Concen: 37.233 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.05 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

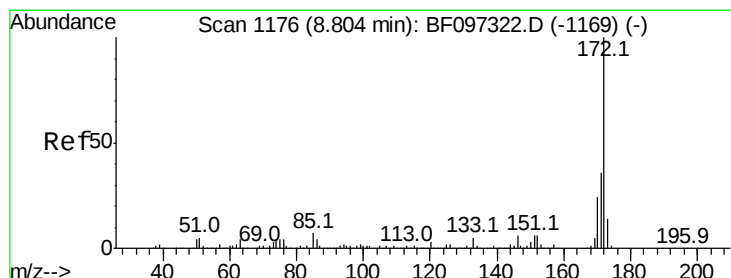
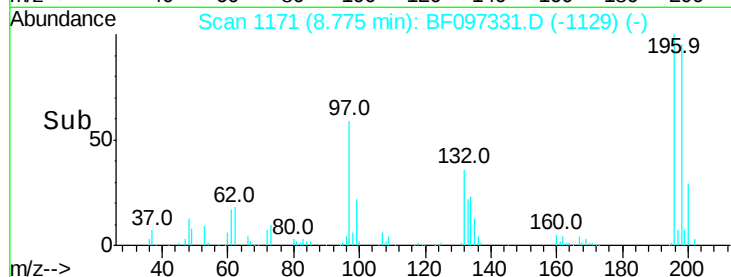
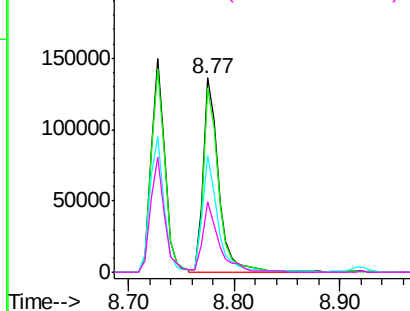
Tot Ion	196	Resp	138675
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.7	113.5
97	59.7	47.7	71.5
132	36.5	28.0	42.0

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:23 PM



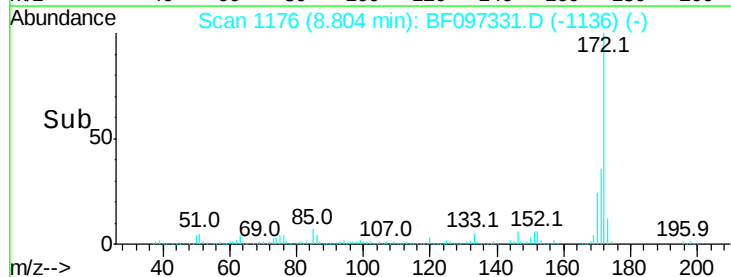
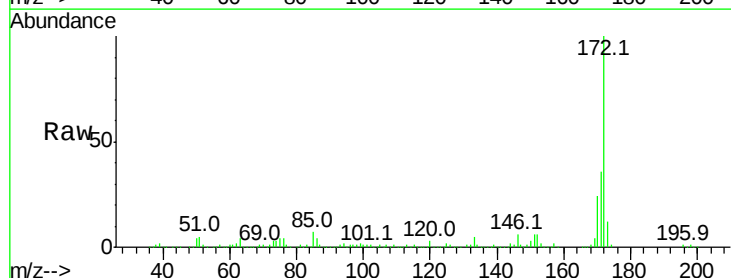
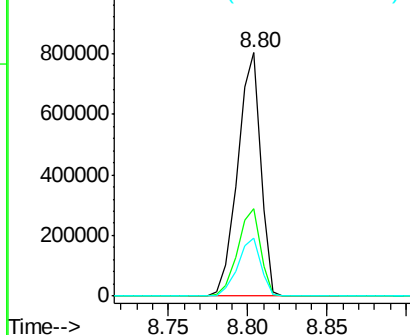
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

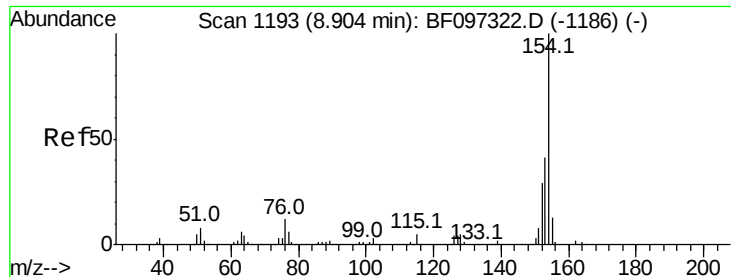


#44
 2-Fluorobiphenyl
 Concen: 70.822 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	172	Resp	803083
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8

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





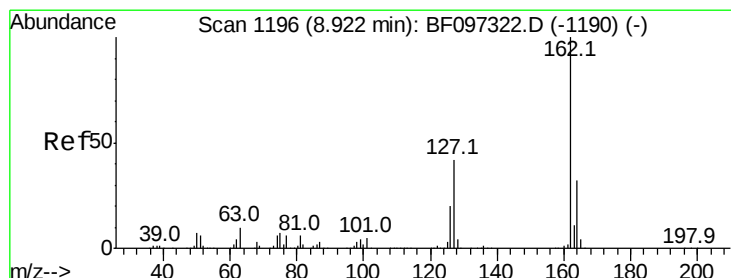
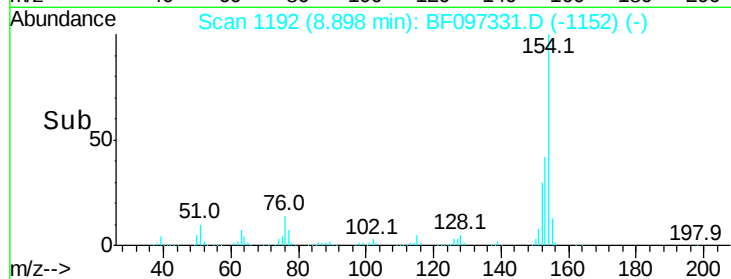
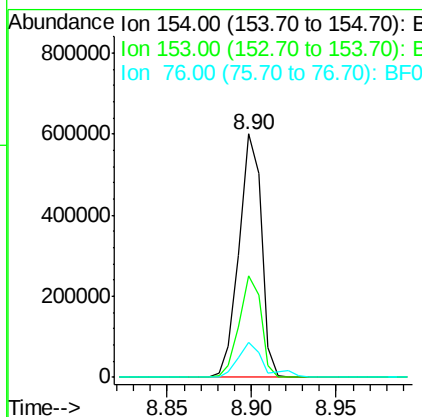
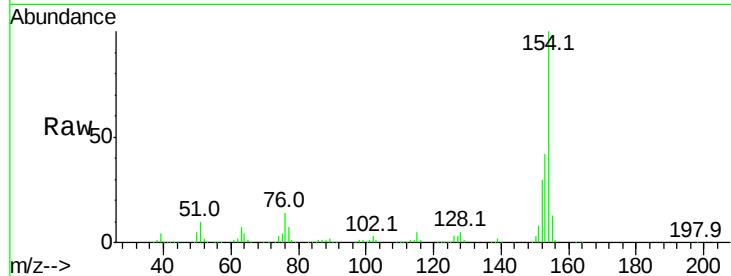
#45
 1,1'-Biphenyl
 Concen: 33.685 ng
 RT: 8.90 min Scan# 1192
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion:	154	Resp:	553689
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.2	61.2
76	14.4	0.0	29.9

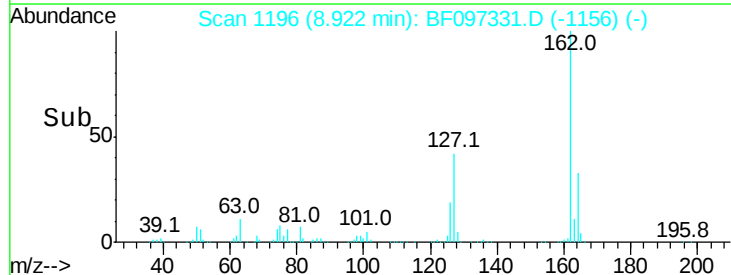
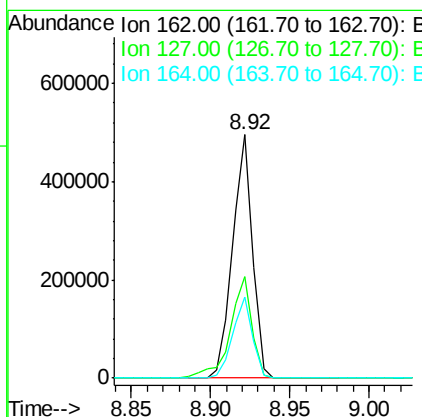
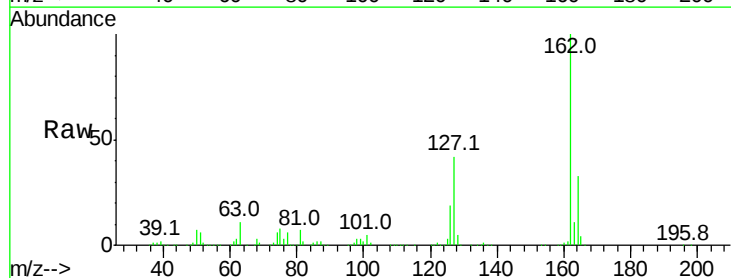
Manual Integrations
 APPROVED

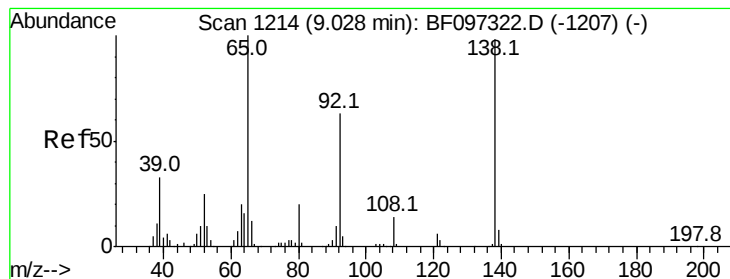
Sohil
 8/4/2017 5:30:23 PM



#46
 2-Chloronaphthalene
 Concen: 35.642 ng
 RT: 8.92 min Scan# 1196
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion:	162	Resp:	431120
Ion Ratio	Lower	Upper	
162	100		
127	41.6	28.3	42.5
164	33.1	27.0	40.4





#47

2-Nitroaniline

Concen: 41.507 ng

RT: 9.03 min Scan# 1214

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion: 65 Resp: 182205

Ion Ratio Lower Upper

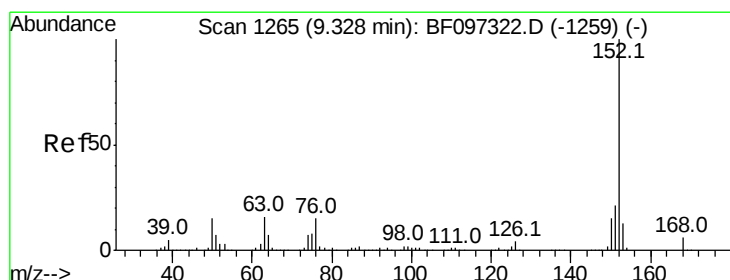
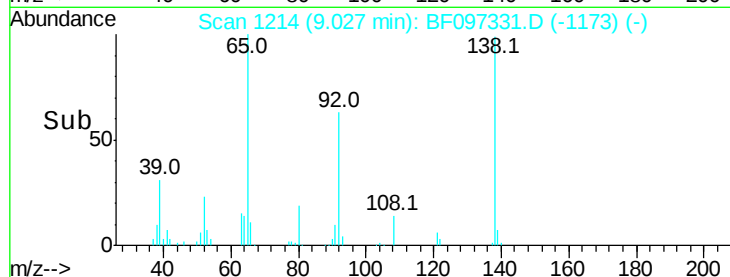
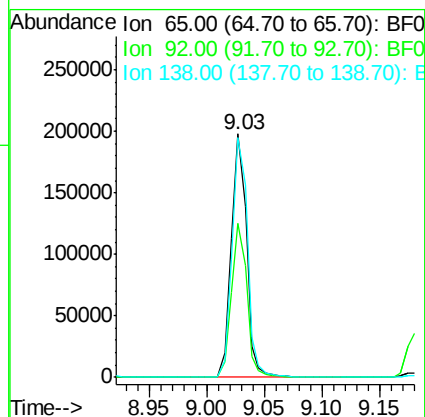
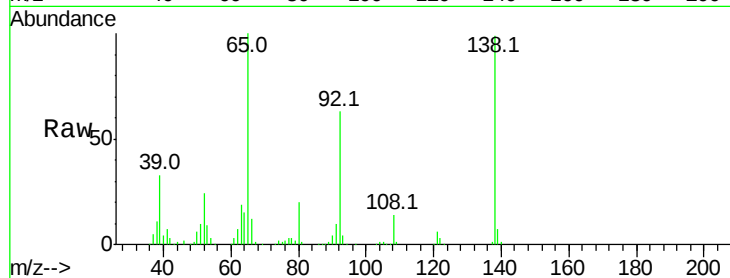
65 100

92 63.3 53.9 80.9

138 98.6 78.8 118.2

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#48

Acenaphthylene

Concen: 35.122 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

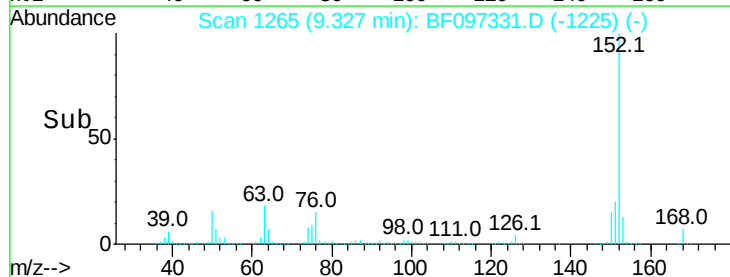
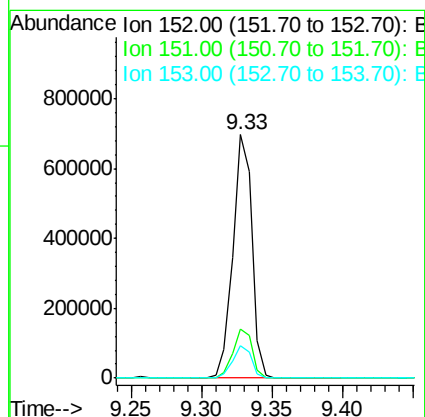
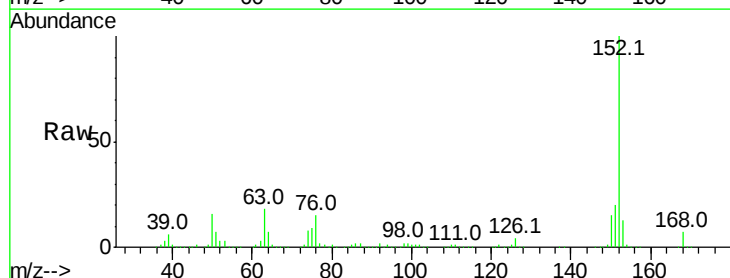
Tgt Ion: 152 Resp: 652089

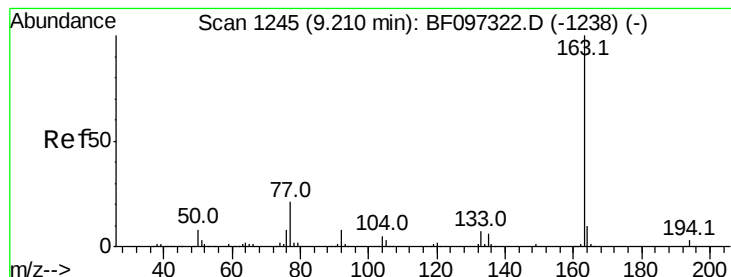
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.1 10.8 16.2





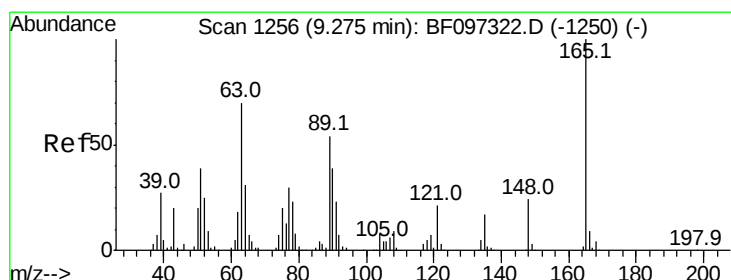
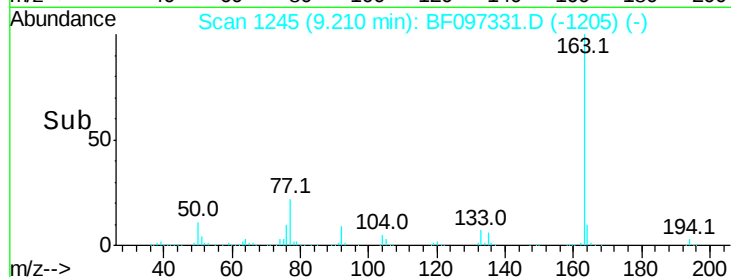
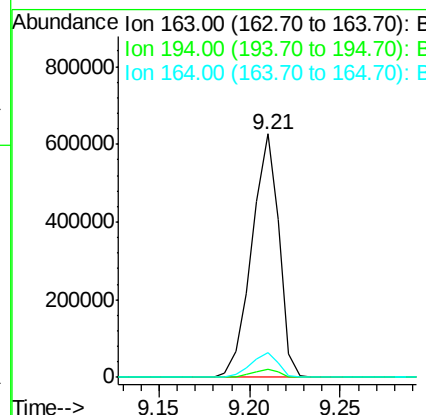
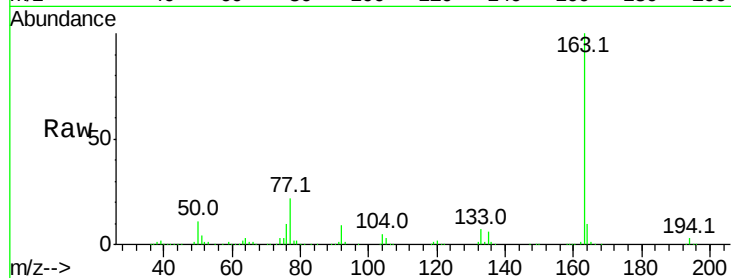
#49
Dimethylphthalate
Concen: 44.572 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	651359		
194	3.1	2.6	4.0	
164	10.1	8.4	12.6	

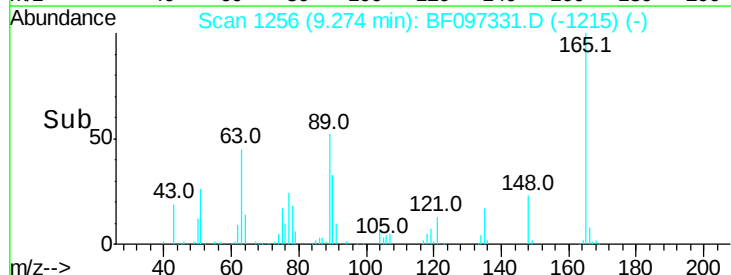
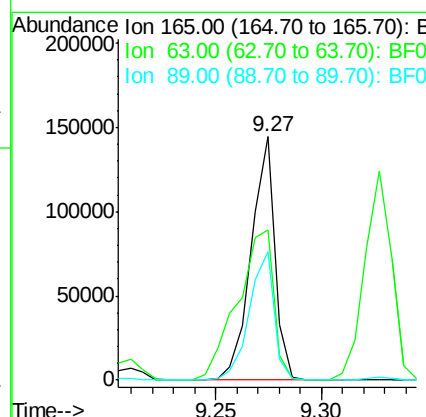
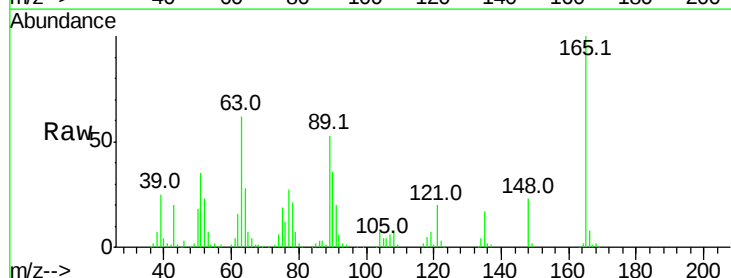
Manual Integrations
APPROVED

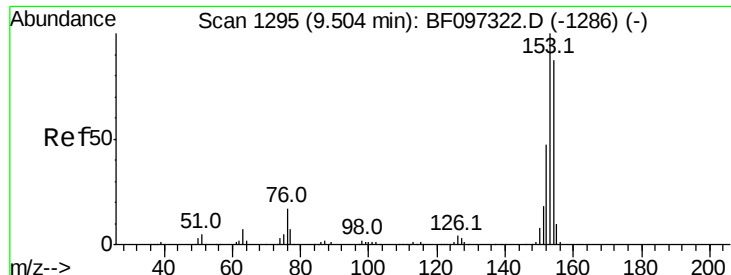
Sohil
8/4/2017 5:30:23 PM



#50
2,6-Dinitrotoluene
Concen: 36.569 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113346		
63	61.9	34.3	51.5#	
89	53.0	37.1	55.7	





#51

Acenaphthene

Concen: 35.806 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

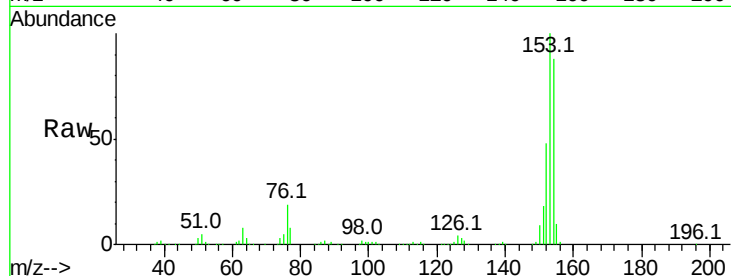
ClientSampleId :

FK-GF-02-008-BMSD

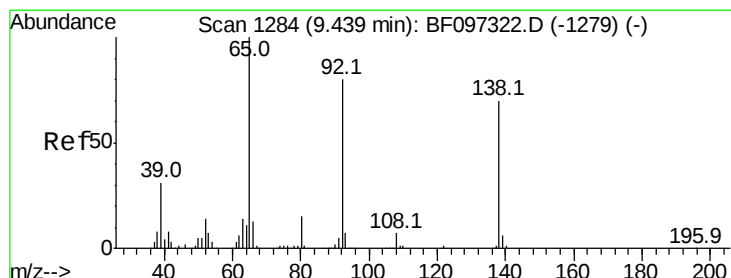
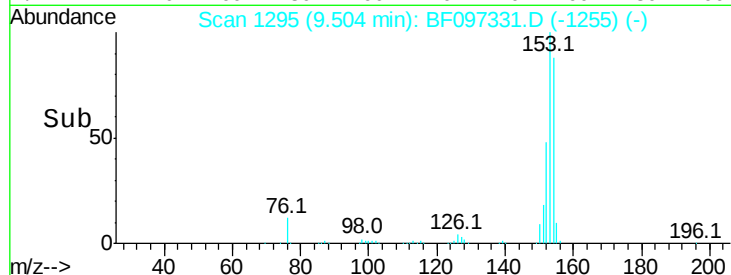
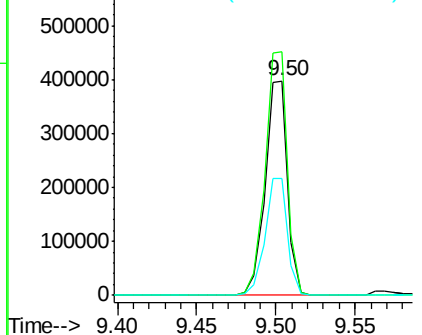
Tot Ion:	154	Resp:	391587
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	54.2	43.6	65.4

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.630 ng

RT: 9.44 min Scan# 1284

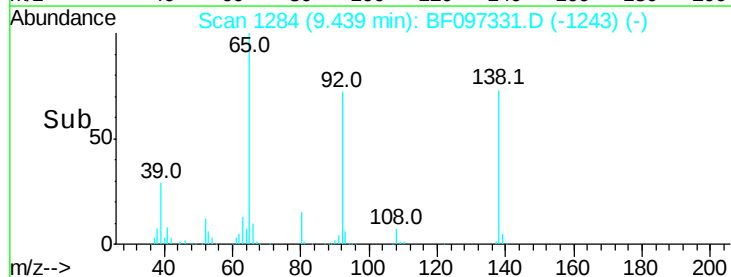
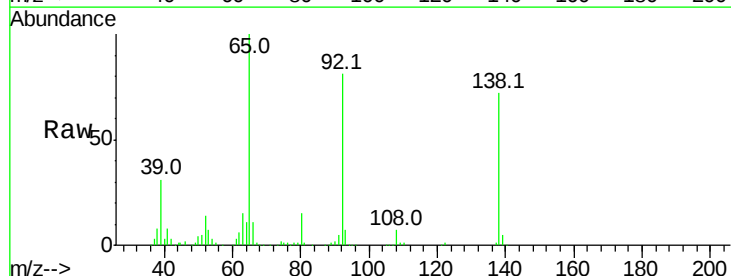
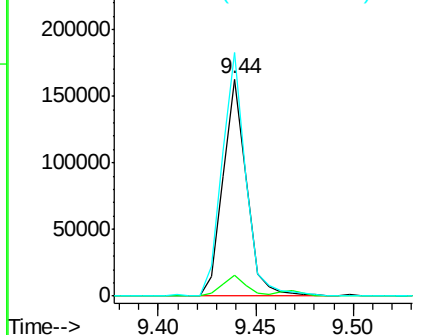
Delta R.T. -0.06 min

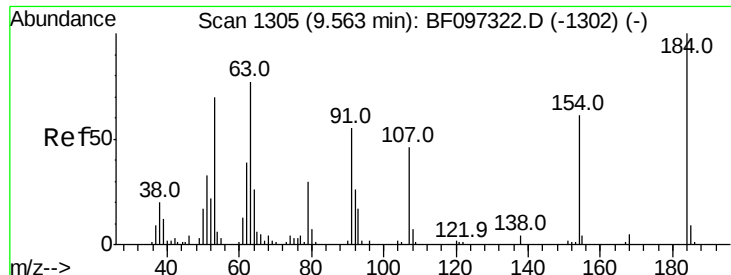
Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	138	Resp:	137077
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.1	13.7
92	112.3	93.8	140.6

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





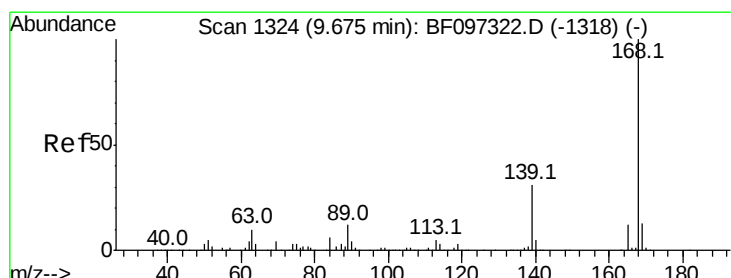
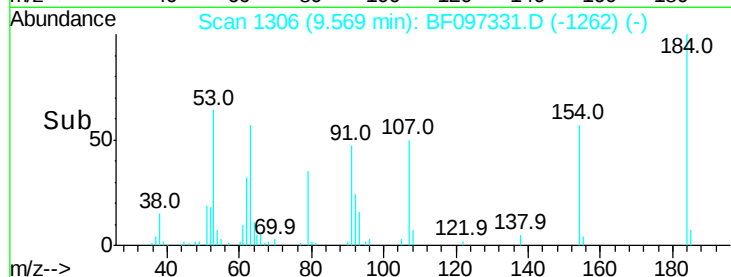
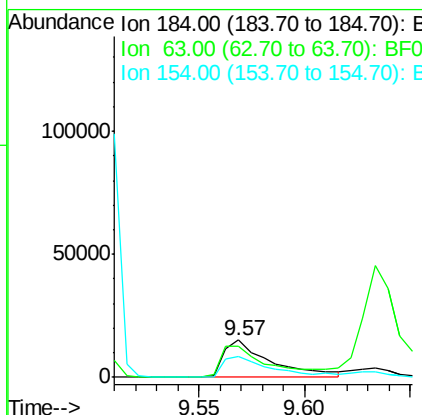
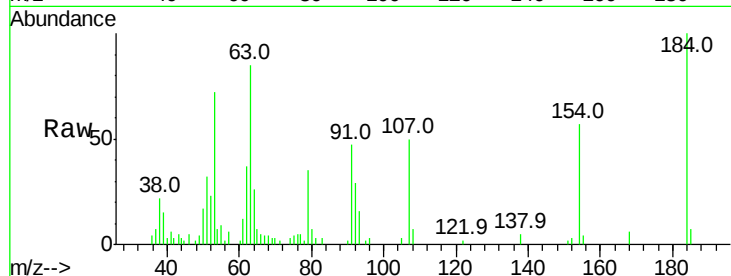
#53
 2,4-Dinitrophenol
 Concen: 16.492 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.04 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion:184 Resp: 23242
 Ion Ratio Lower Upper
 184 100
 63 85.3 62.7 94.1
 154 56.5 81.1 121.7#

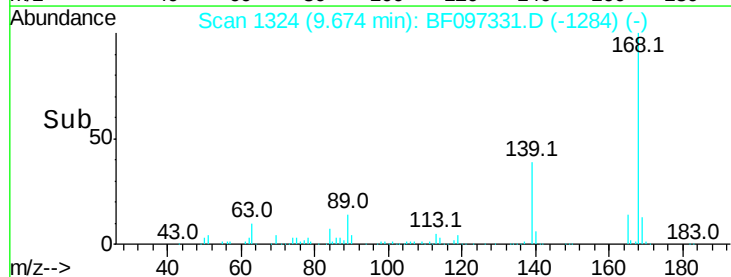
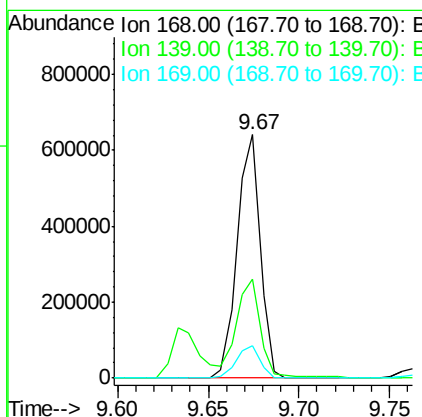
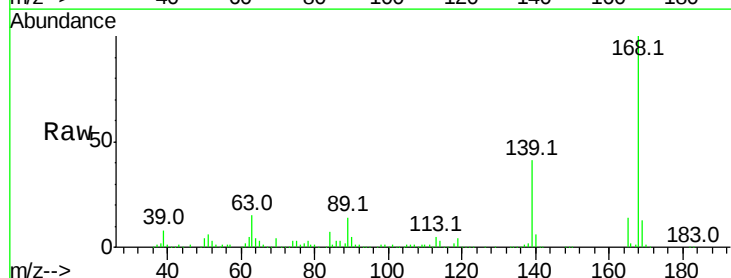
Manual Integrations
 APPROVED

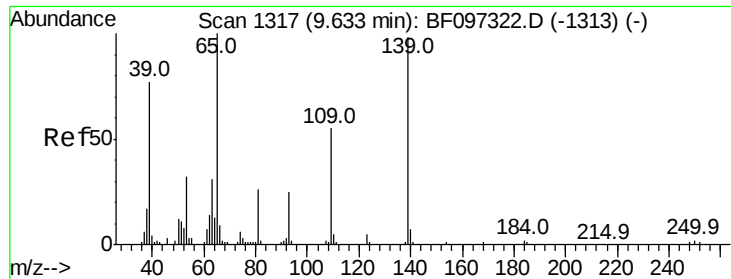
Sohil
 8/4/2017 5:30:23 PM



#54
 Dibenzofuran
 Concen: 39.068 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion:168 Resp: 569094
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.6 45.8
 169 13.4 10.8 16.2





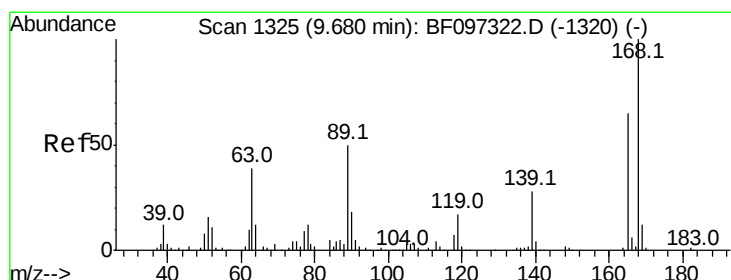
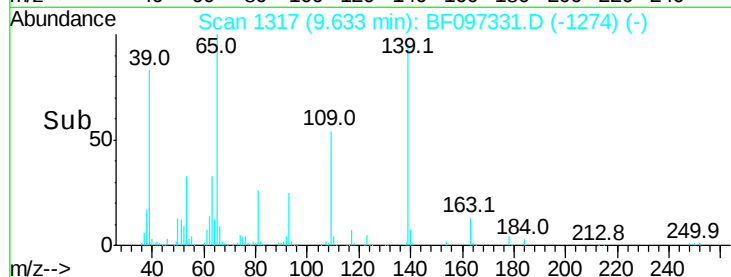
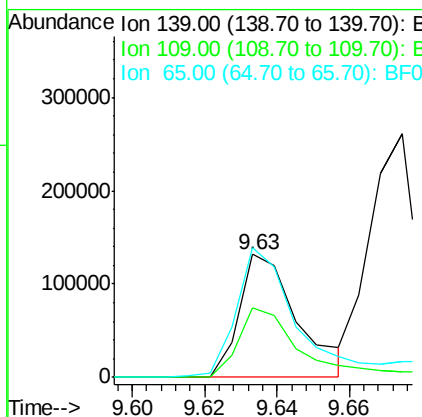
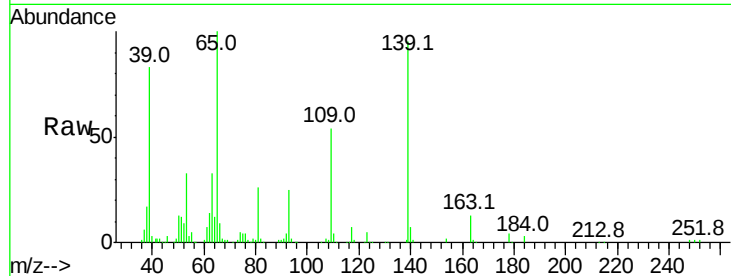
#55
4-Nitrophenol
Concen: 63.946 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.7	34.1	74.1	
65	105.0	31.4	71.4	

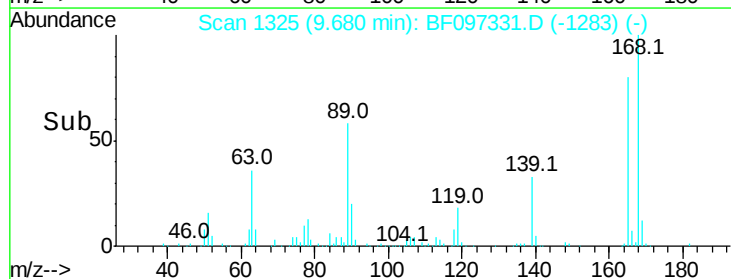
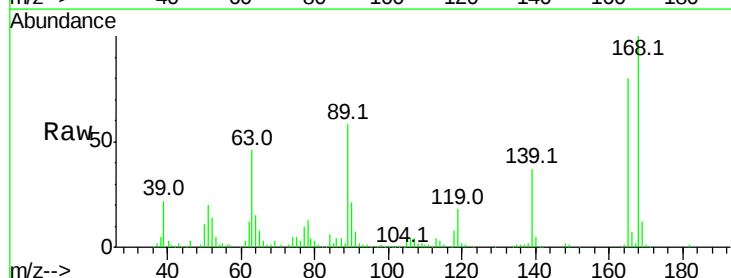
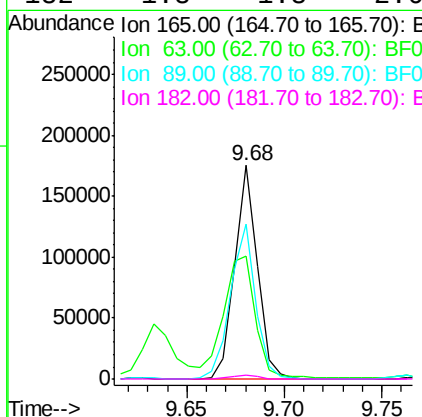
Manual Integrations
APPROVED

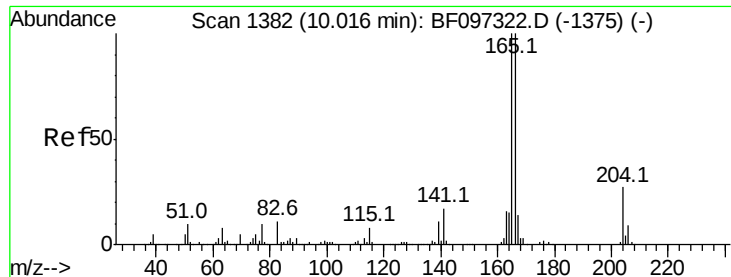
Sohil
8/4/2017 5:30:23 PM



#56
2,4-Dinitrotoluene
Concen: 39.467 ng
RT: 9.68 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.4	25.4	38.0	
89	72.3	46.4	69.6	
182	1.8	1.8	2.6	





#57

Fluorene

Concen: 37.652 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:166 Resp: 412223

Ion Ratio Lower Upper

166 100

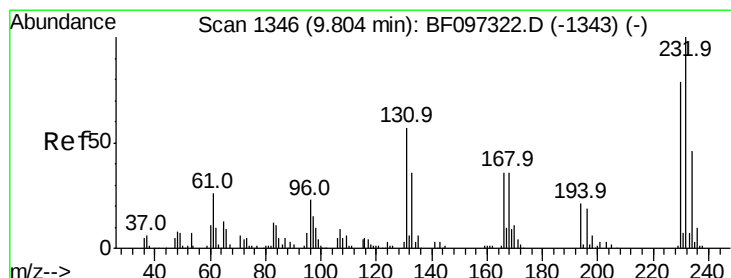
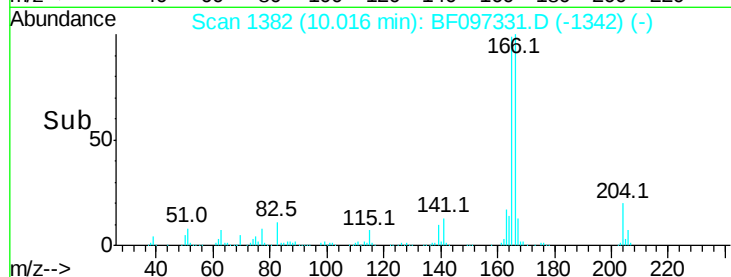
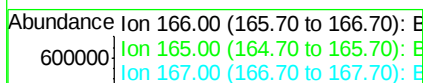
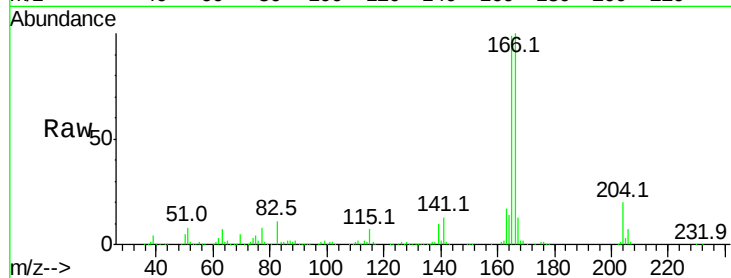
165 99.0 78.8 118.2

167 12.9 10.6 16.0

Manual Integrations
APPROVED

Sohil

8/4/2017 5:30:23 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.628 ng

RT: 9.80 min Scan# 1346

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:232 Resp: 101909

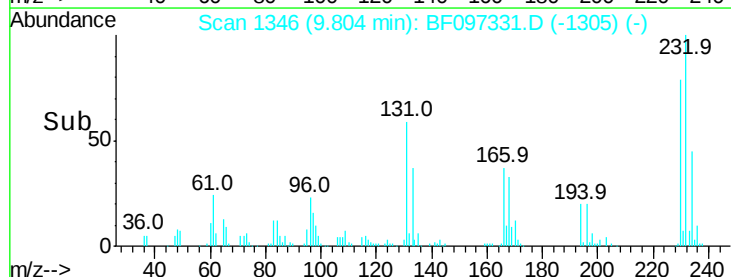
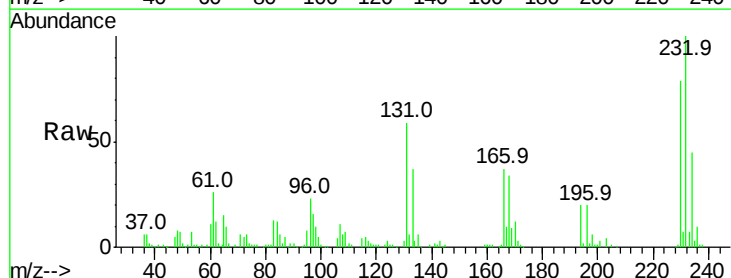
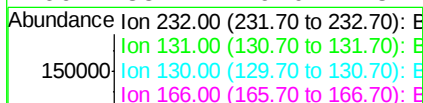
Ion Ratio Lower Upper

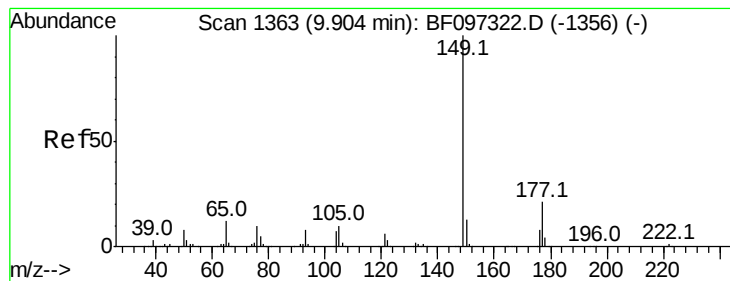
232 100

131 55.4 44.8 67.2

130 2.7 2.3 3.5

166 35.2 29.0 43.4





#59

Diethylphthalate

Concen: 37.451 ng

RT: 9.90 min Scan# 1363

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

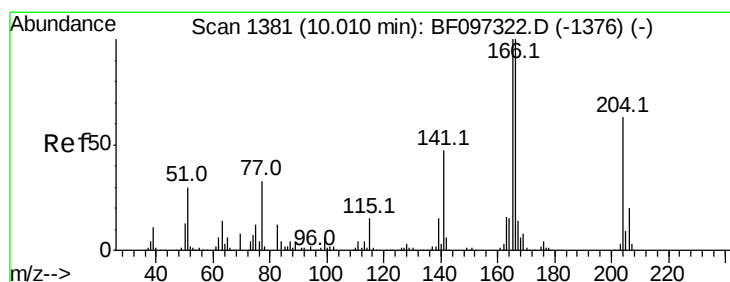
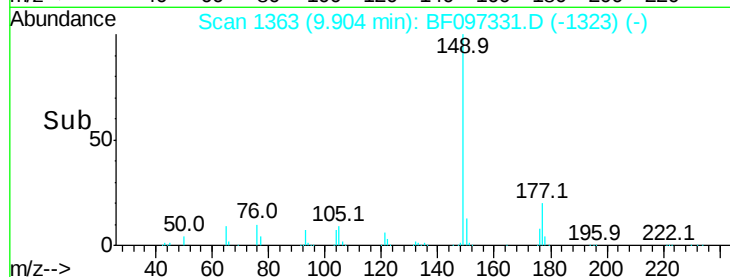
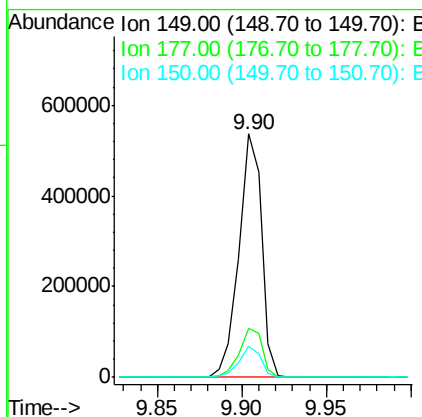
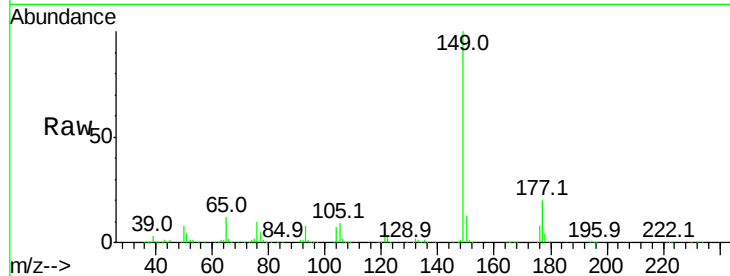
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	149	Resp:	502106
Ion Ratio	Lower	Upper	
149	100		
177	20.3	16.7	25.1
150	13.0	10.2	15.2

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#60

4-Chlorophenyl-phenylether

Concen: 36.932 ng

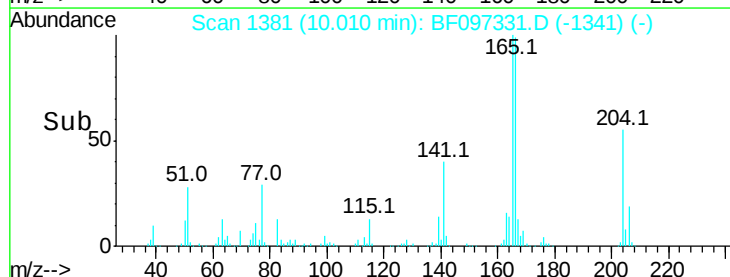
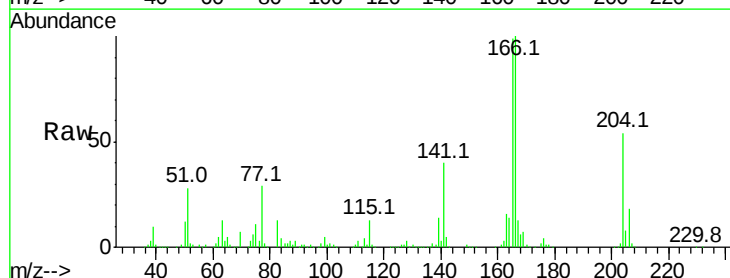
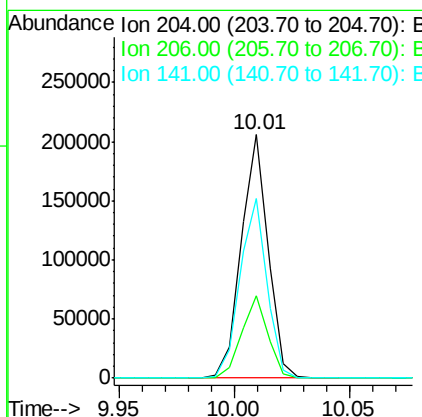
RT: 10.01 min Scan# 1381

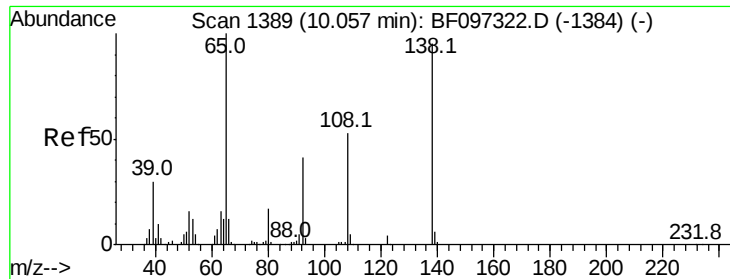
Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	204	Resp:	166972
Ion Ratio	Lower	Upper	
204	100		
206	34.1	26.2	39.2
141	73.6	60.8	91.2





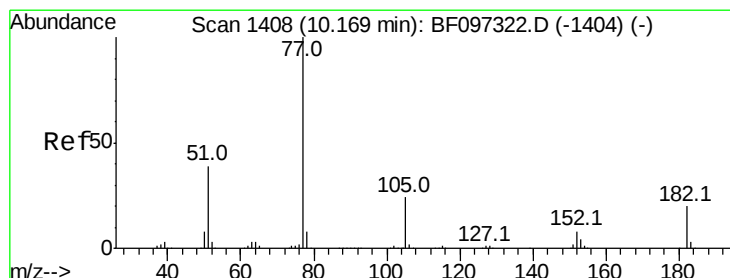
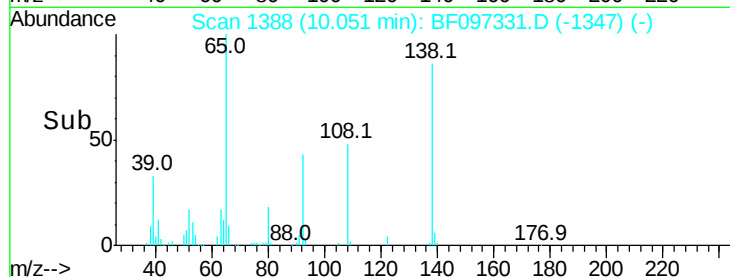
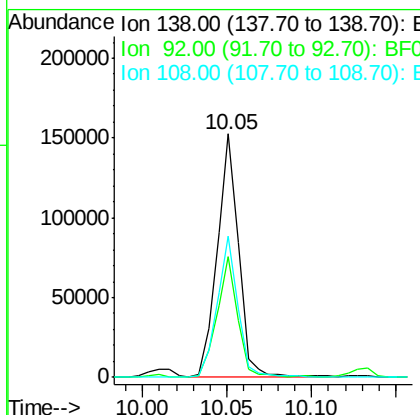
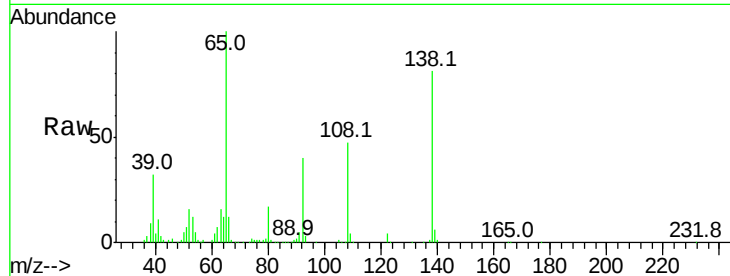
#61
4-Nitroaniline
Concen: 37.344 ng
RT: 10.05 min Scan# 1388
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	21.8	61.8
108	57.9	42.3	82.3

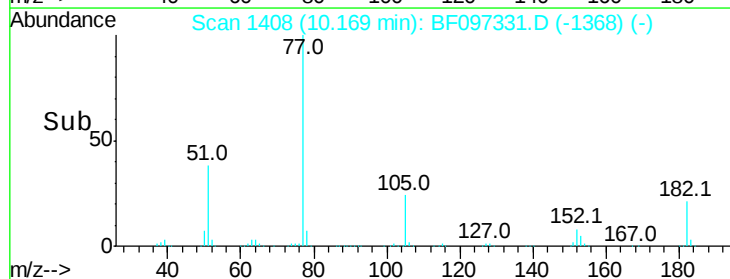
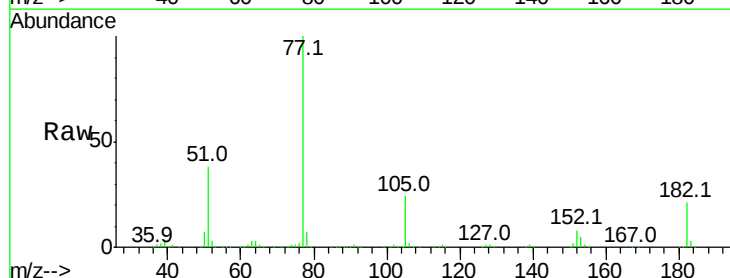
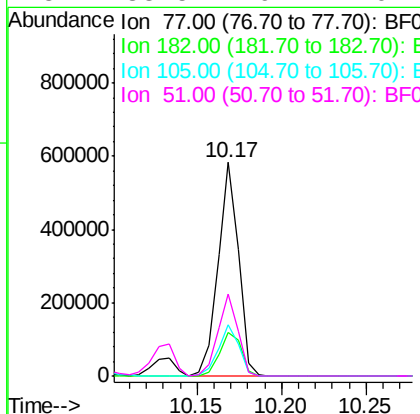
Manual Integrations
APPROVED

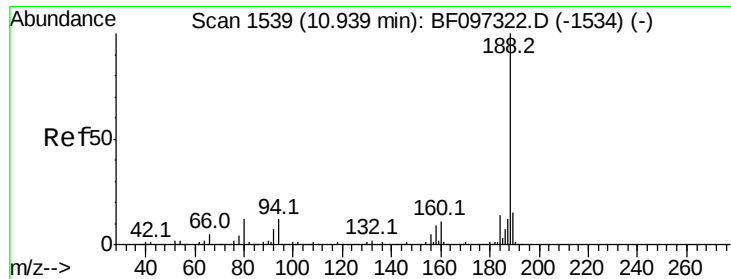
Sohil
8/4/2017 5:30:23 PM



#62
Azobenzene
Concen: 39.551 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.1	40.1
105	24.1	3.6	43.6
51	38.5	9.4	49.4





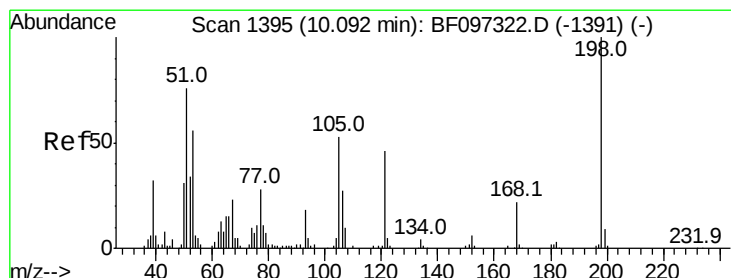
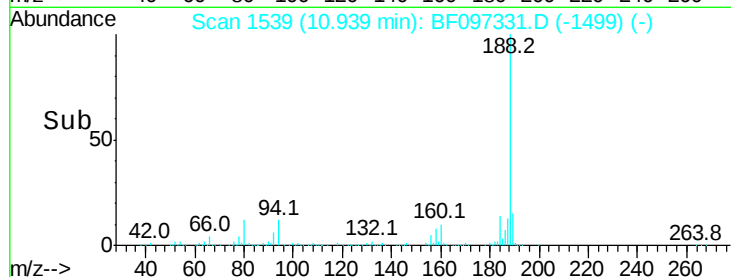
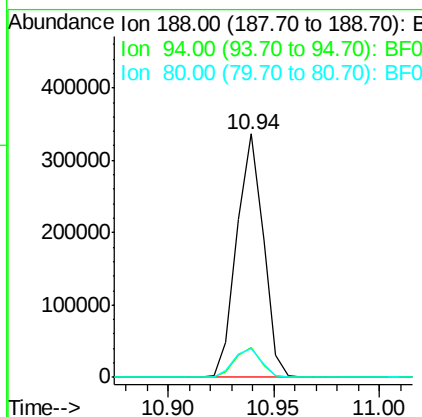
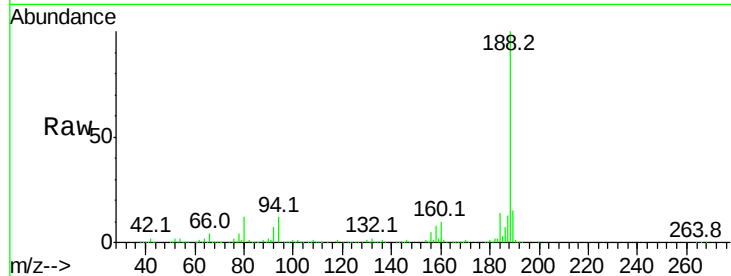
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	292929		
94	12.0		9.4	14.2
80	11.8		10.2	15.2

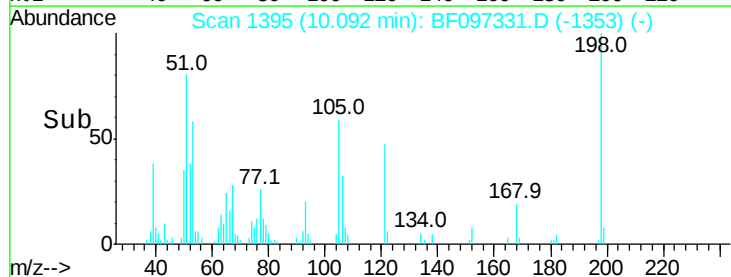
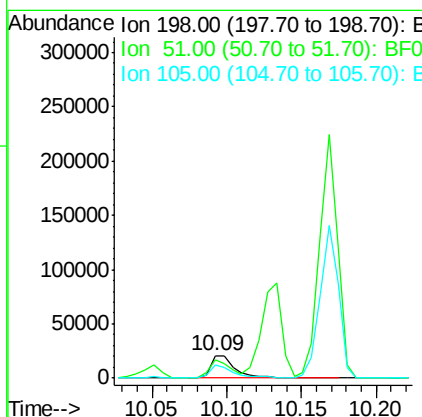
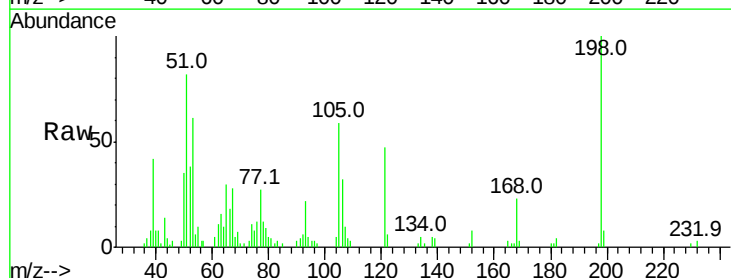
Manual Integrations
APPROVED

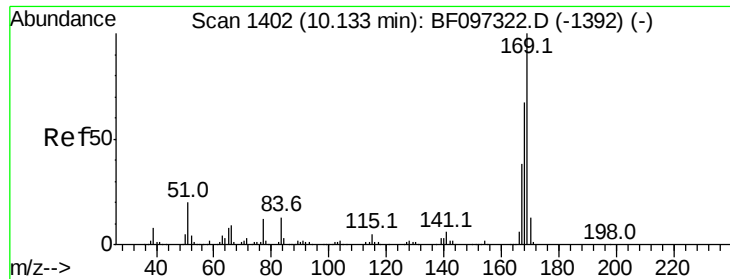
Sohil
8/4/2017 5:30:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.375 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24346		
51	82.3		53.2	93.2
105	59.4		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 38.853 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:169 Resp: 395994

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

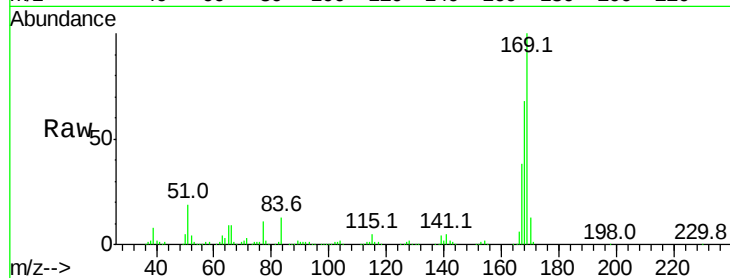
167 37.8 29.5 44.3

Manual Integrations

APPROVED

Sohil

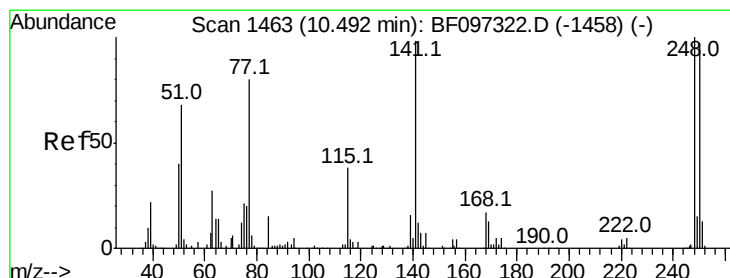
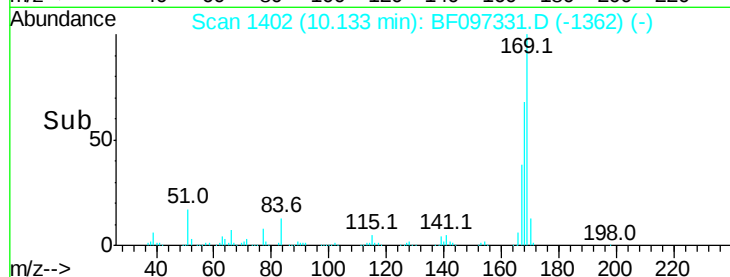
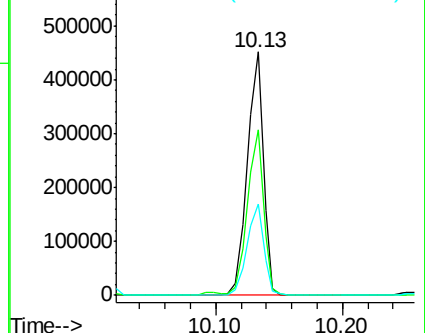
8/4/2017 5:30:23 PM



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: 36.625 ng

RT: 10.49 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

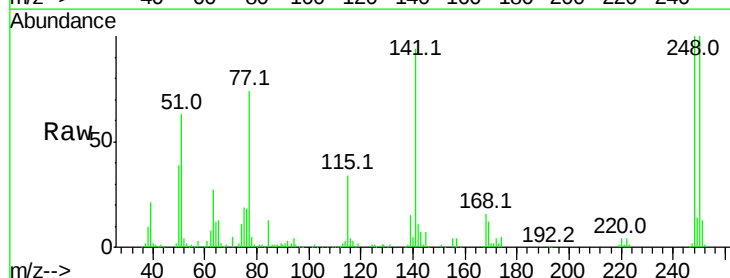
Tgt Ion:248 Resp: 107066

Ion Ratio Lower Upper

248 100

250 100.4 76.8 115.2

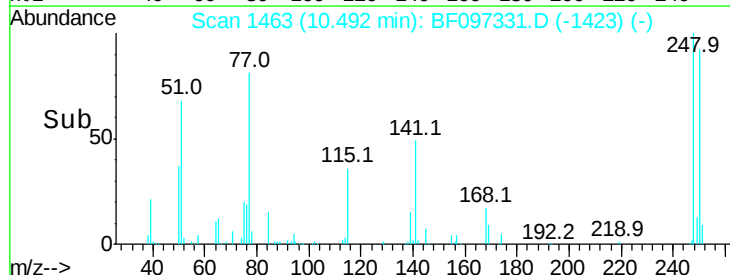
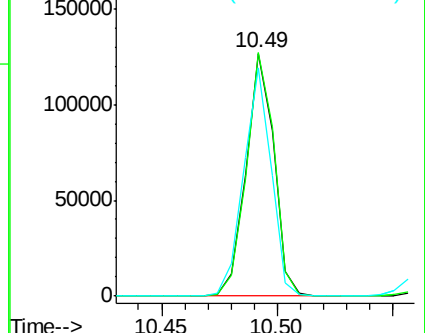
141 93.9 68.6 103.0

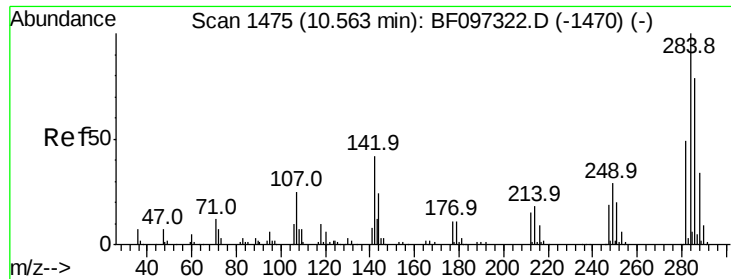


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.449 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

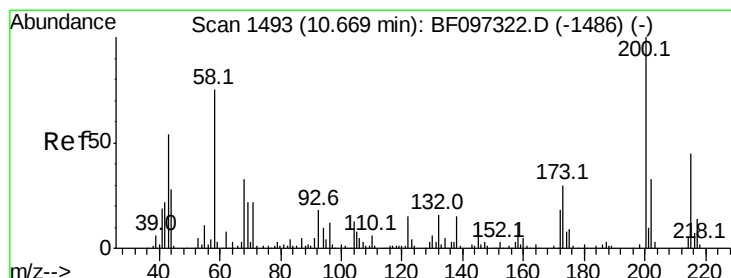
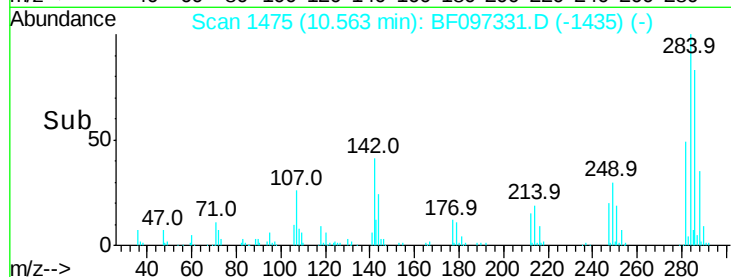
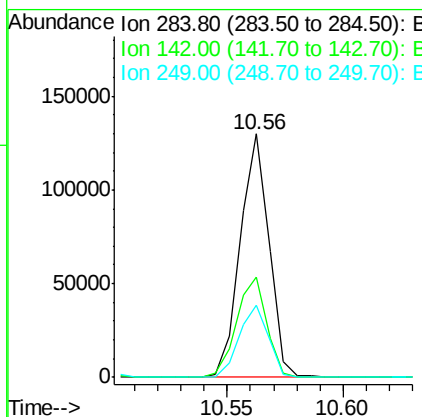
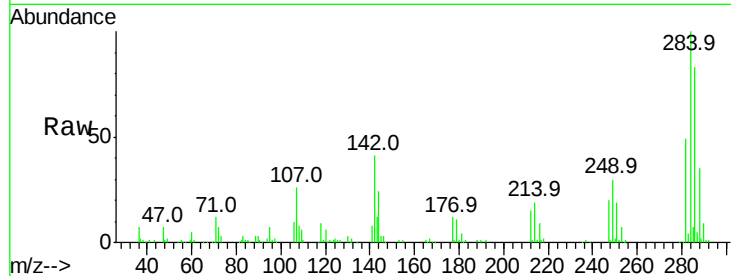
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	284	Resp:	112930
Ion Ratio	Lower	Upper	
284	100		
142	41.3	22.8	34.2#
249	29.7	24.0	36.0

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#68

Atrazine

Concen: 37.928 ng

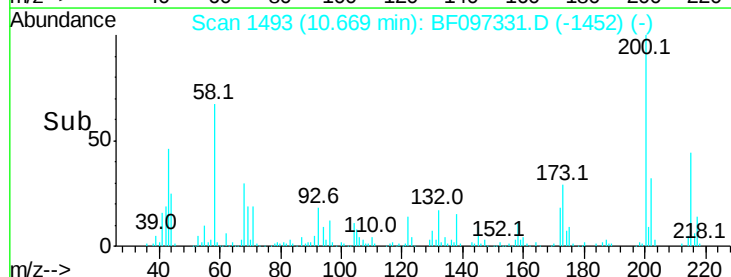
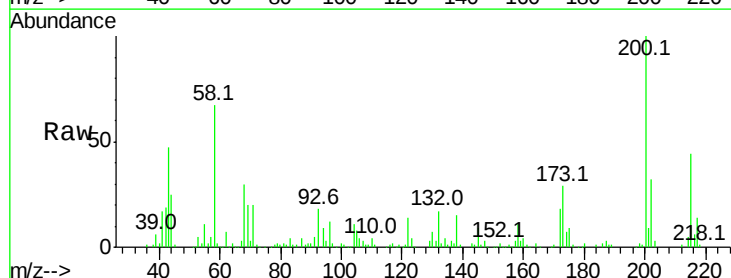
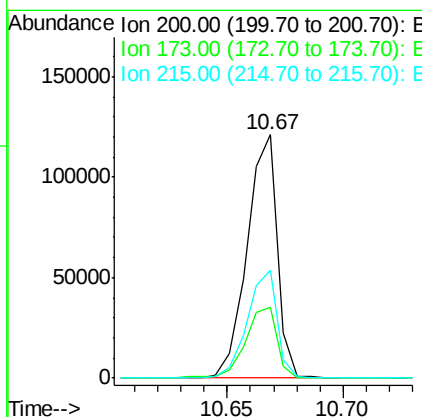
RT: 10.67 min Scan# 1493

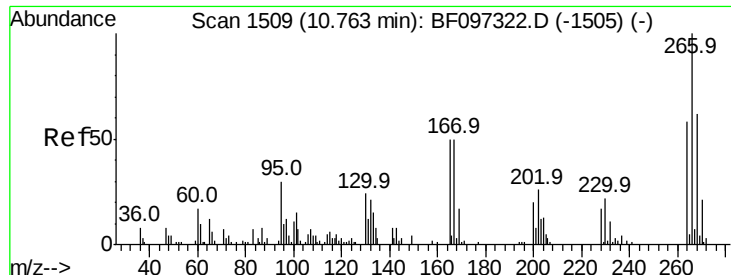
Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	200	Resp:	110849
Ion Ratio	Lower	Upper	
200	100		
173	29.3	6.3	46.3
215	44.4	27.2	67.2





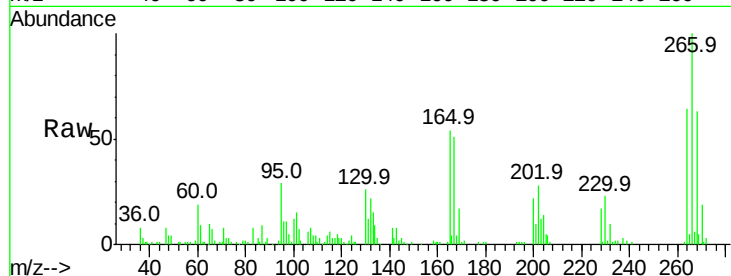
#69
 Pentachlorophenol
 Concen: 61.609 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.6	51.1	76.7	
264	63.7	51.7	77.5	

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:23 PM

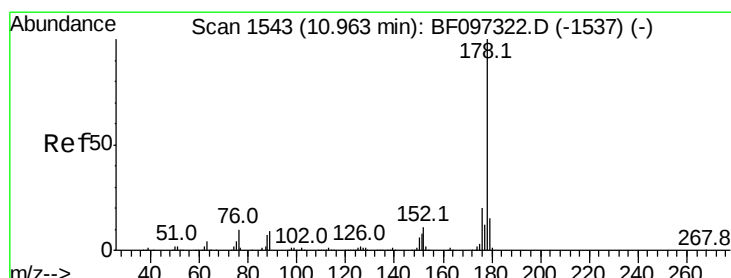
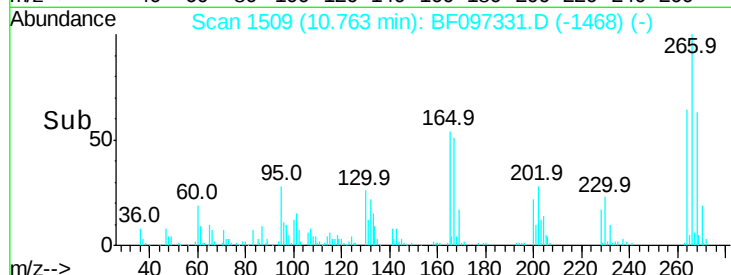
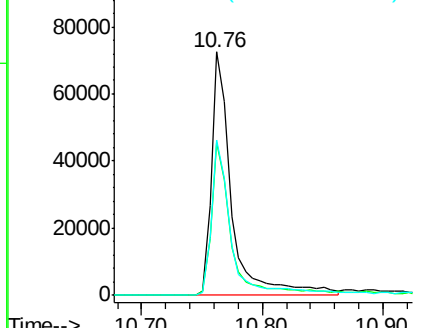


Abundance

Ion 265.70 (265.40 to 266.40): E

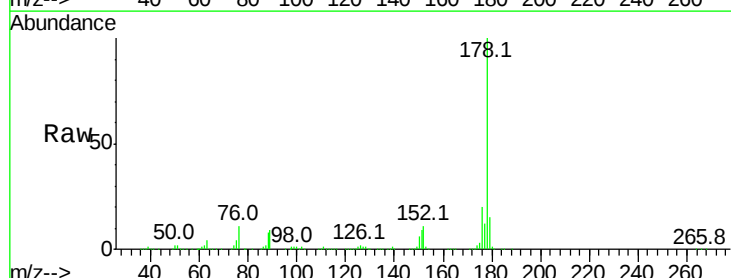
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.545 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	16.2	24.4	
179	15.5	12.6	19.0	

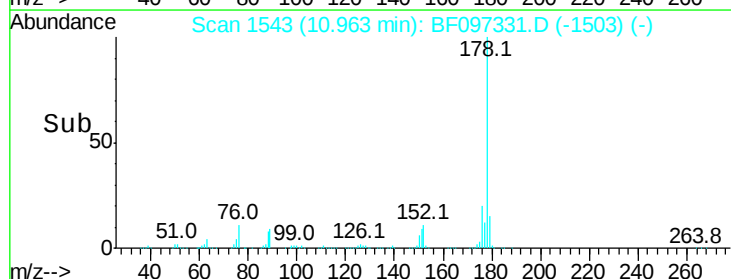
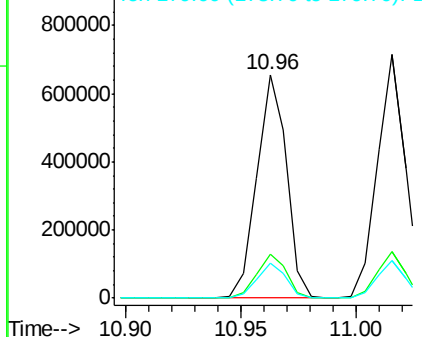


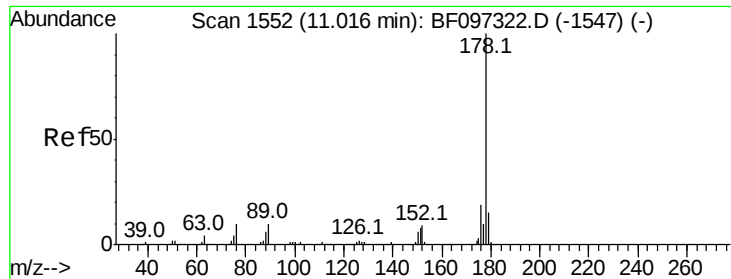
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





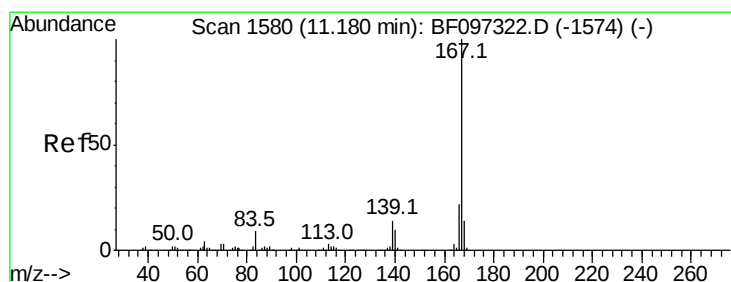
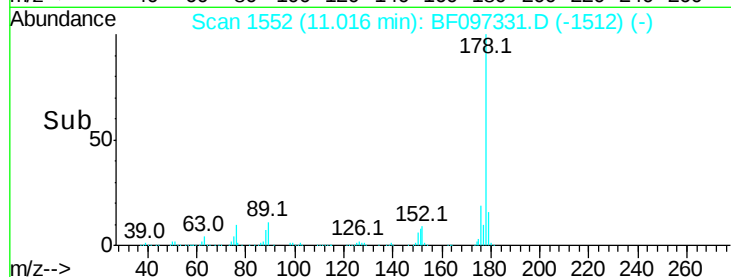
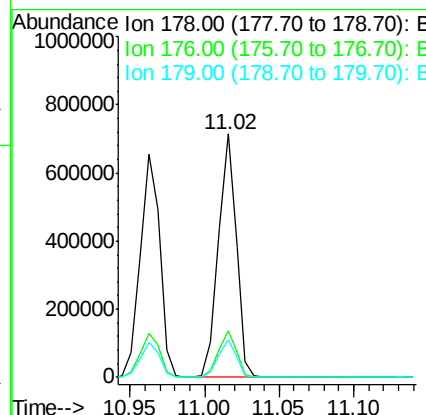
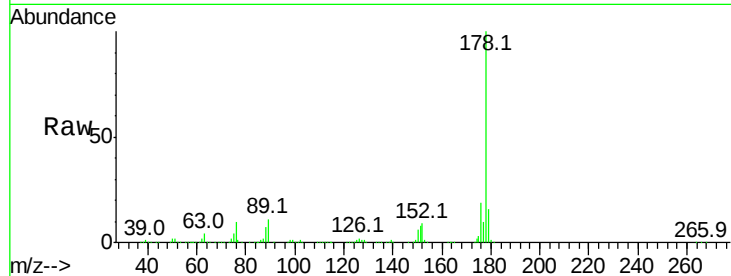
#71
 Anthracene
 Concen: 37.440 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

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

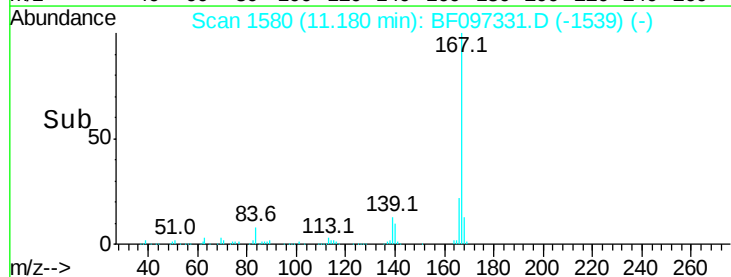
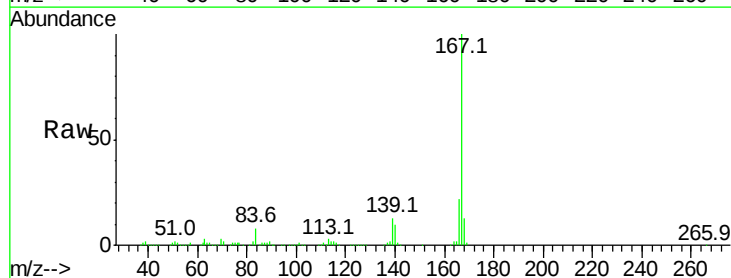
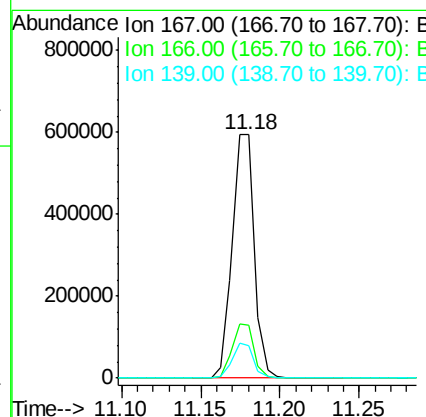
Manual Integrations
 APPROVED

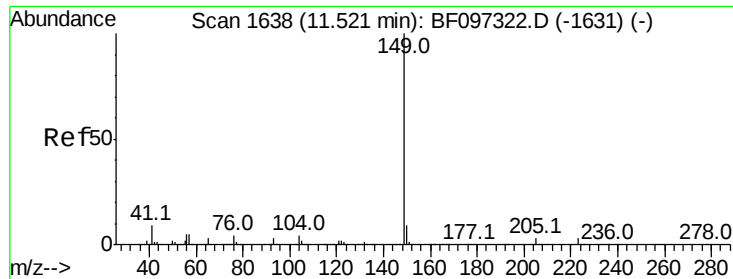
Sohil
 8/4/2017 5:30:23 PM



#72
 Carbazole
 Concen: 36.466 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.06 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.4	11.7	17.5





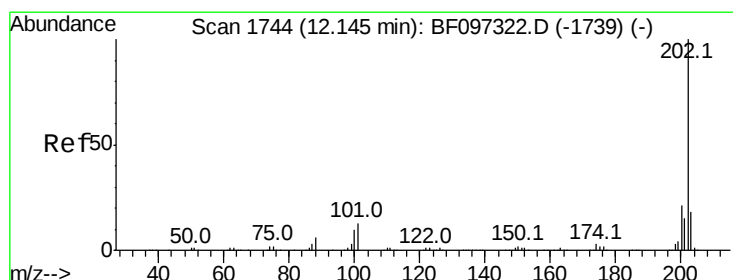
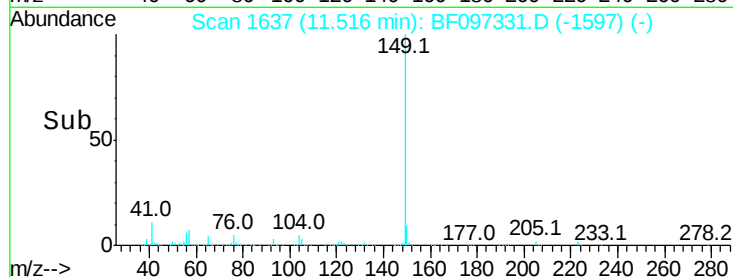
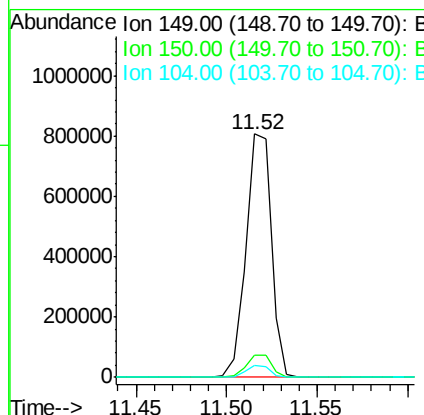
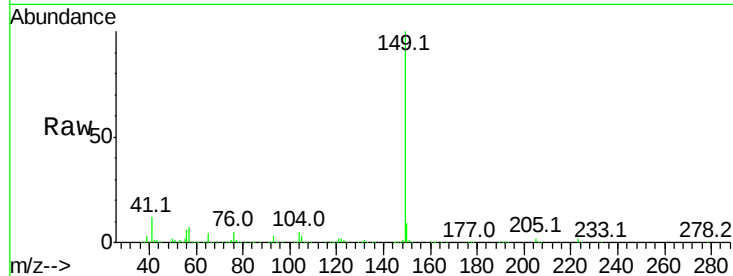
#73
Di-n-butylphthalate
Concen: 40.169 ng
RT: 11.52 min Scan# 1637
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.7	11.5	
104	4.7	4.0	6.0	

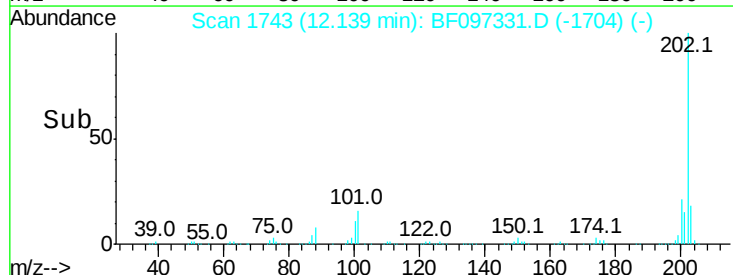
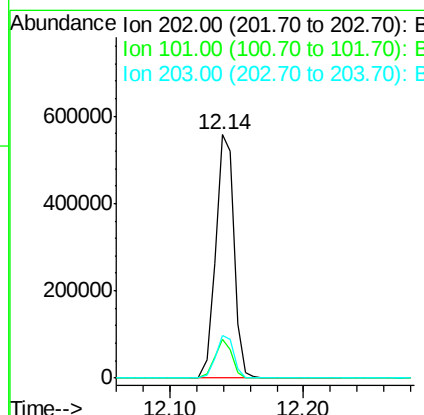
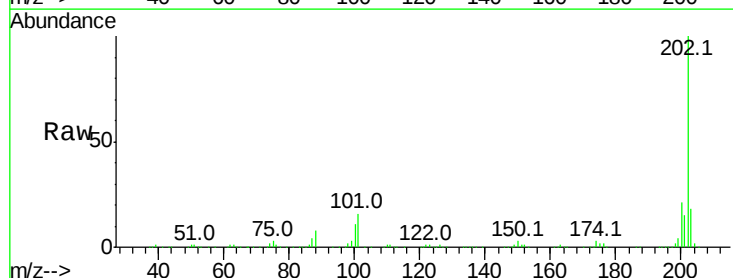
Manual Integrations
APPROVED

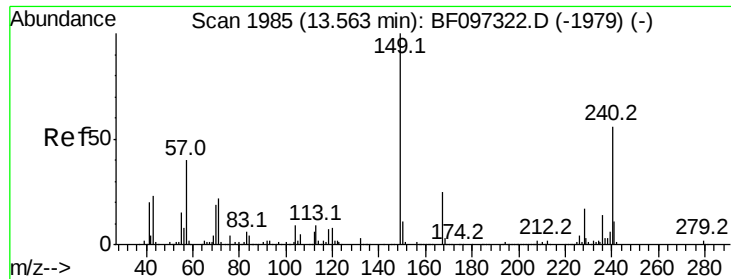
Sohil
8/4/2017 5:30:23 PM



#74
Fluoranthene
Concen: 35.125 ng
RT: 12.14 min Scan# 1743
Delta R.T. -0.07 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	16.2	0.0	33.2	
203	17.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1984

Delta R.T. -0.07 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

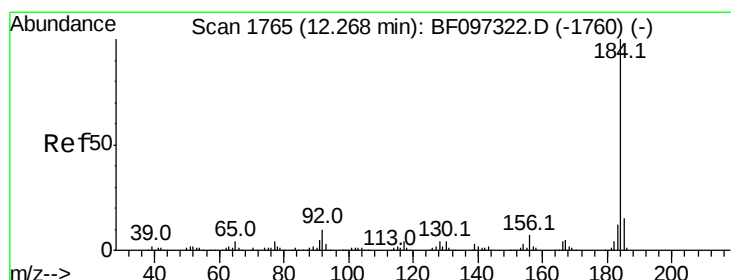
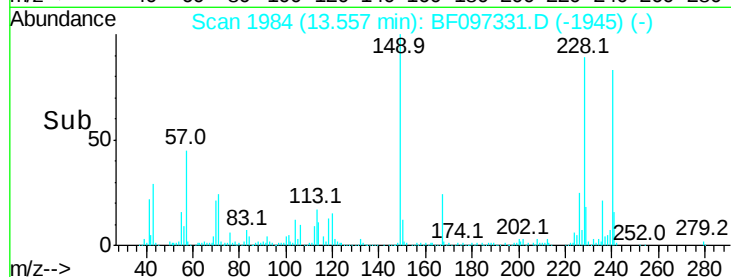
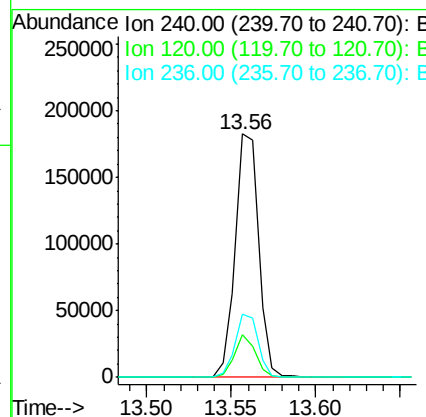
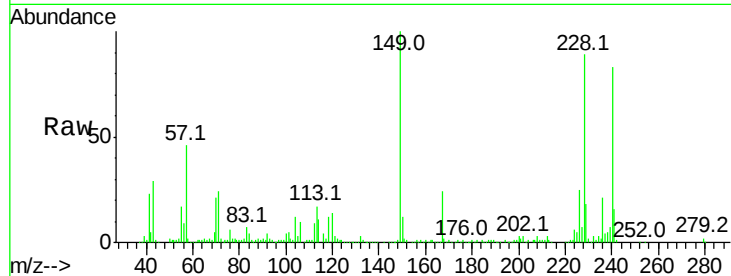
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.4	5.8	8.8#
236	25.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#76

Benzidine

Concen: 42.361 ng

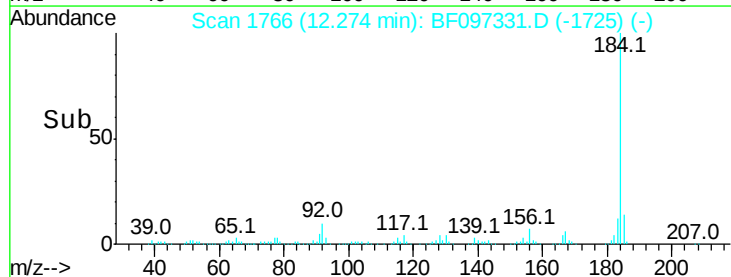
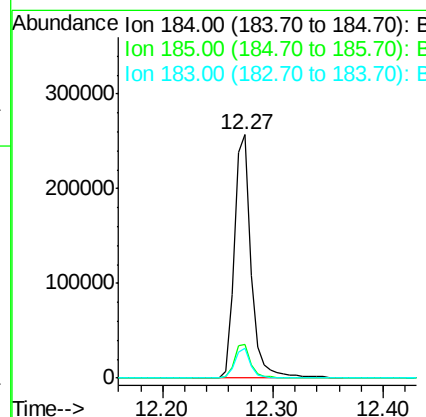
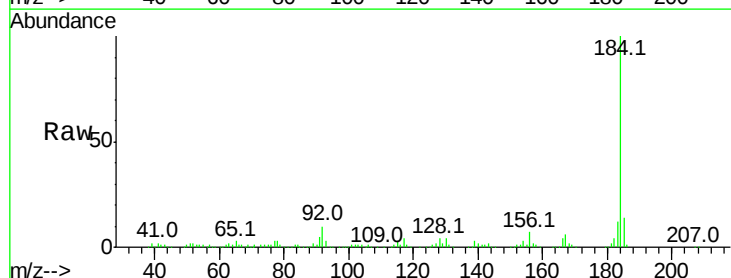
RT: 12.27 min Scan# 1766

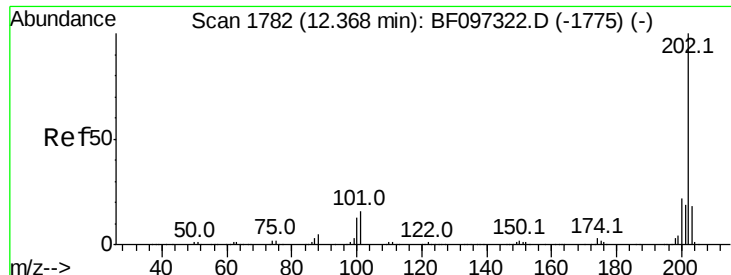
Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	15.5	23.3#
183	12.5	9.8	14.6





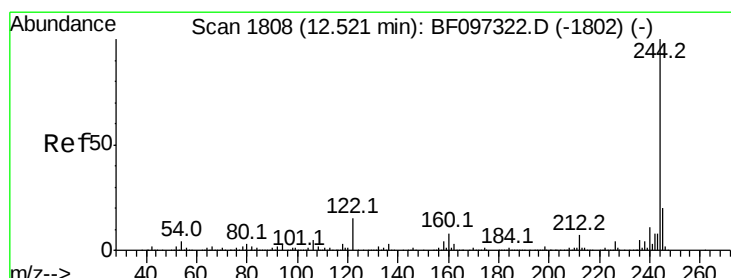
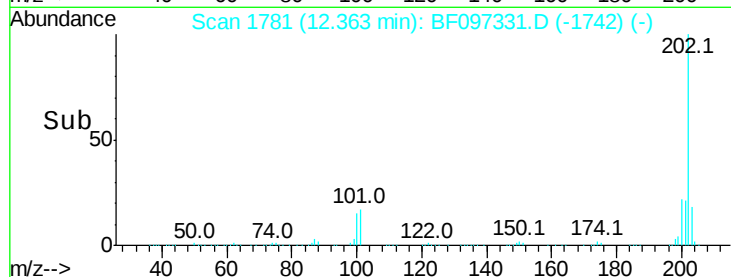
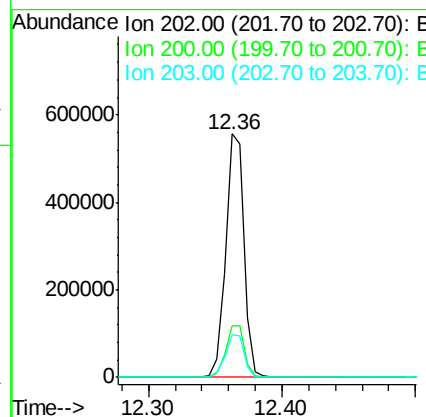
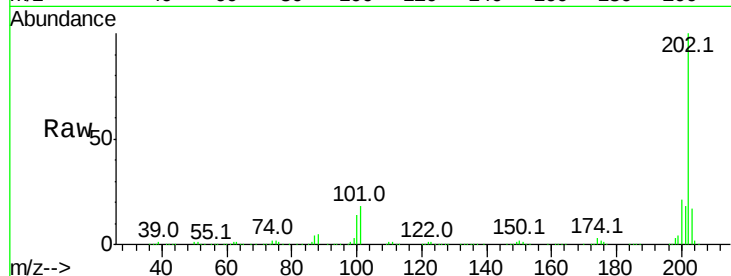
#77
Pvrene
Concen: 37.590 ng
RT: 12.36 min Scan# 1781
Delta R.T. -0.07 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.5	14.4	21.6

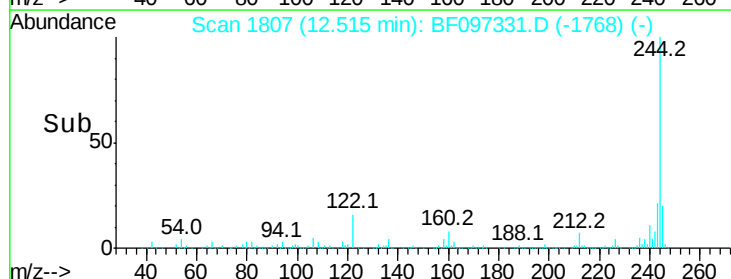
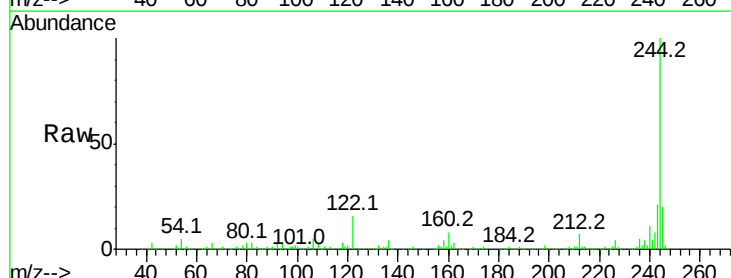
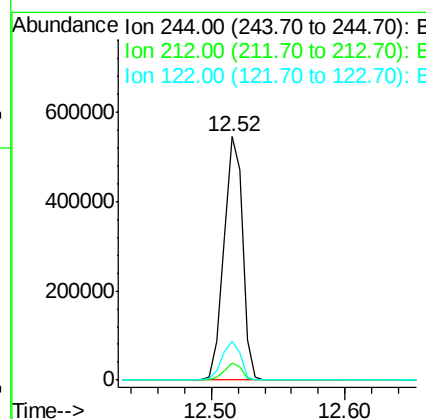
Manual Integrations
APPROVED

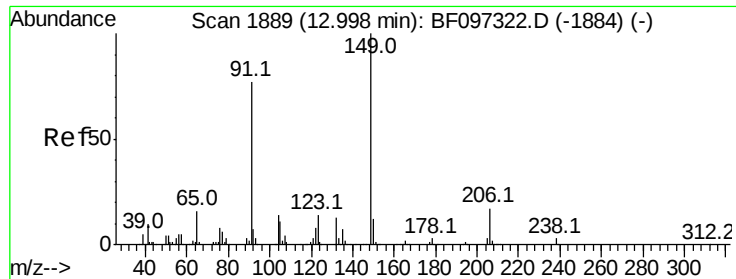
Sohil
8/4/2017 5:30:23 PM



#78
Terphenyl-d14
Concen: 63.060 ng
RT: 12.52 min Scan# 1807
Delta R.T. -0.07 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	16.2	10.3	15.5#





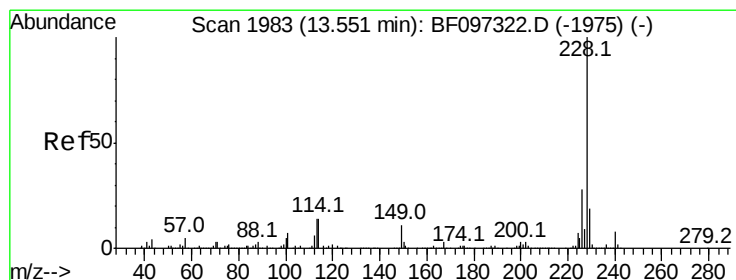
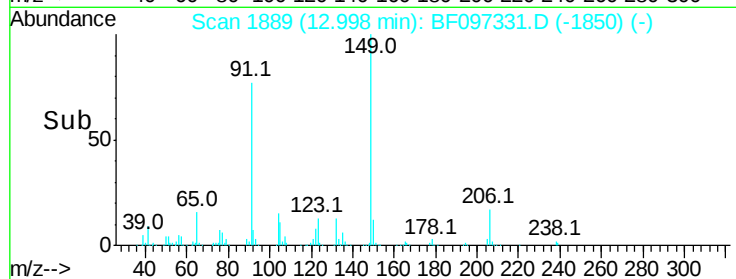
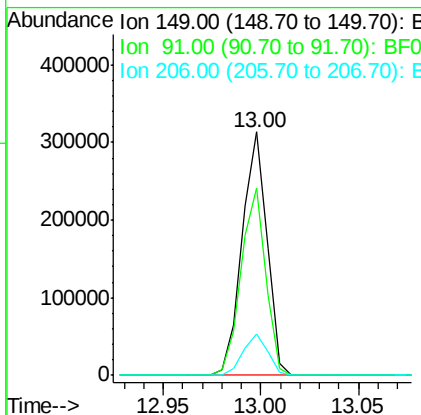
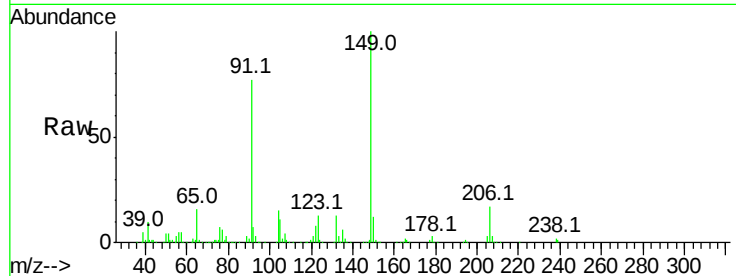
#79
Butylbenzylphthalate
Concen: 38.007 ng
RT: 13.00 min Scan# 1889
Delta R.T. -0.07 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	277369		
91	77.0	45.0	67.4#	
206	16.9	17.0	25.6#	

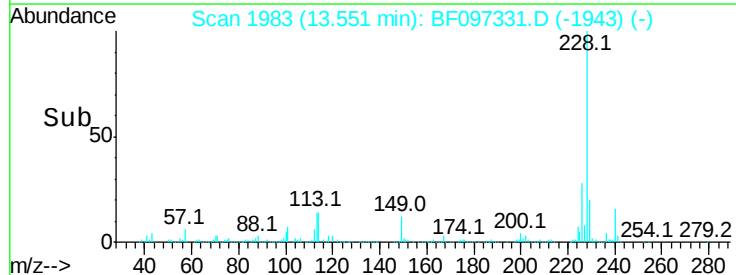
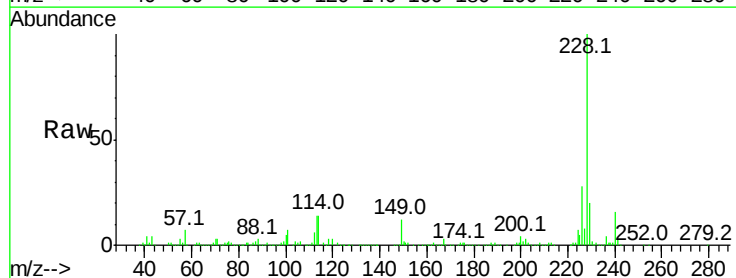
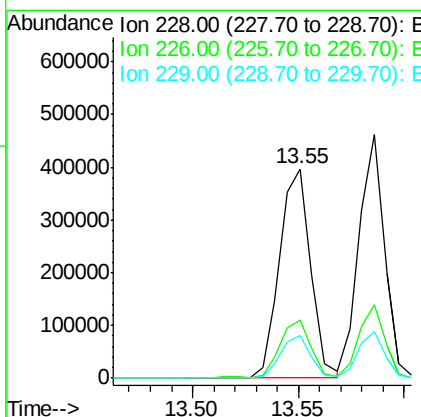
Manual Integrations
APPROVED

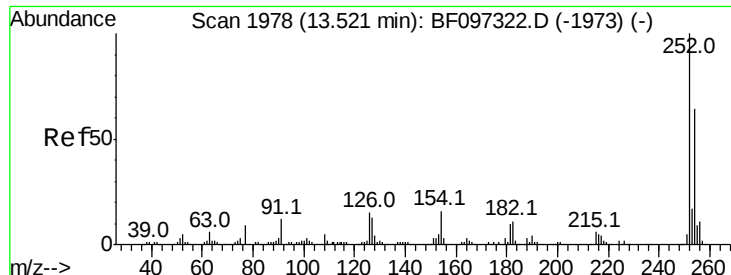
Sohil
8/4/2017 5:30:23 PM



#80
Benzo(a)anthracene
Concen: 35.975 ng
RT: 13.55 min Scan# 1983
Delta R.T. -0.06 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	407923		
226	27.6	22.6	33.8	
229	20.4	16.3	24.5	





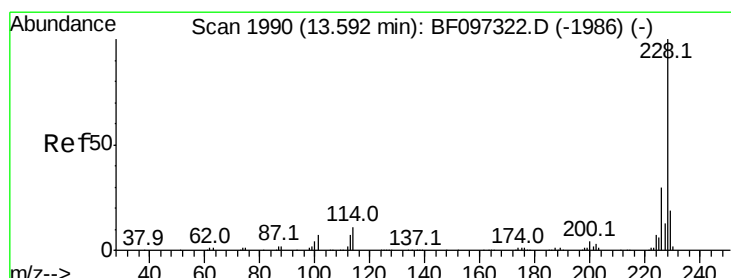
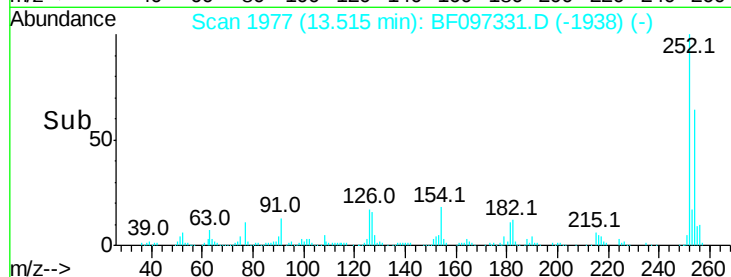
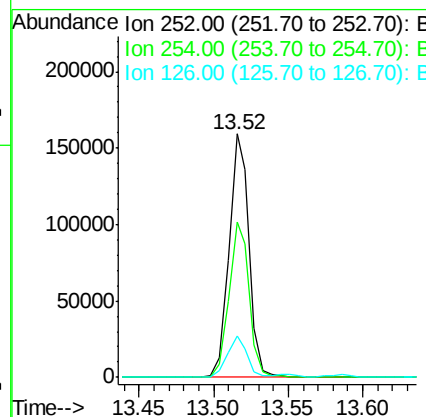
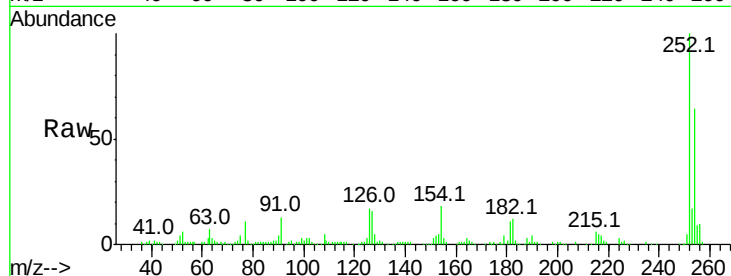
#81
 3,3'-Dichlorobenzidine
 Concen: 35.296 ng
 RT: 13.52 min Scan# 1977
 Delta R.T. -0.07 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	150926		
254	63.8	51.5	77.3	
126	17.1	15.8	23.8	

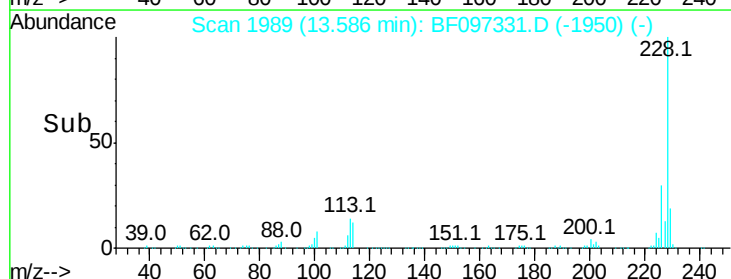
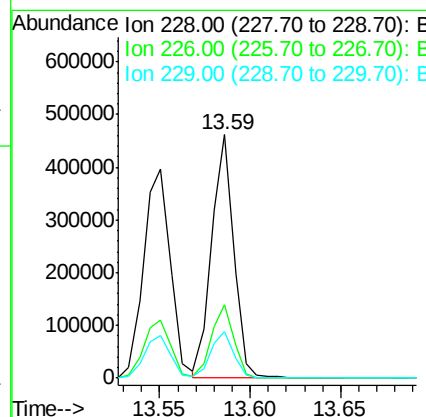
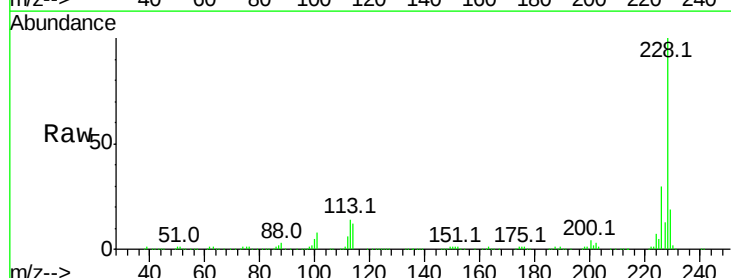
Manual Integrations
 APPROVED

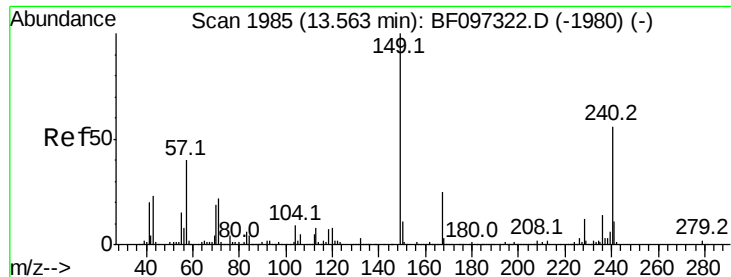
Sohil
 8/4/2017 5:30:23 PM



#82
 Chrysene
 Concen: 35.374 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.07 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	391666		
226	30.2	24.9	37.3	
229	19.2	15.8	23.6	





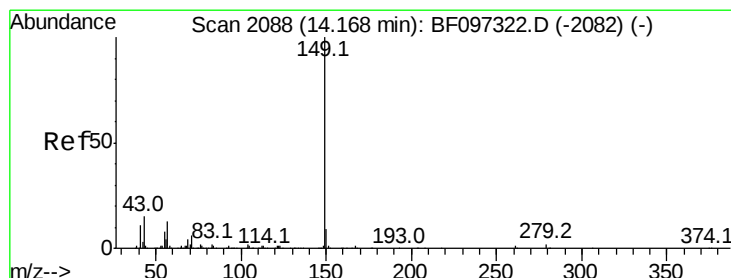
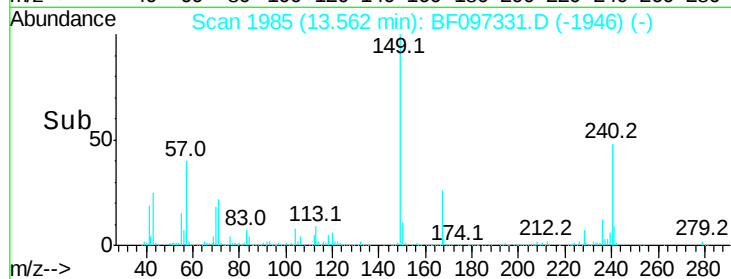
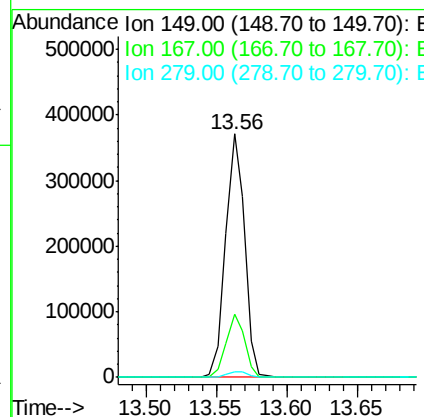
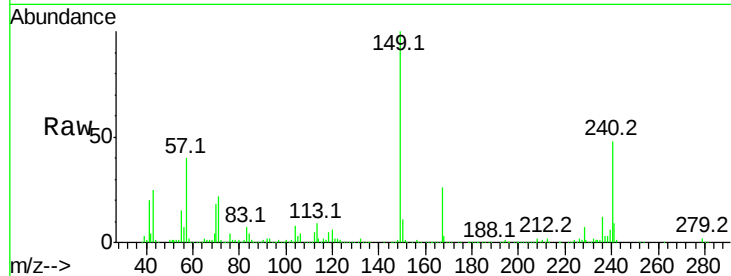
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.622 ng
 RT: 13.56 min Scan# 1985
 Delta R.T. -0.07 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.0	31.4	
279	2.4	1.9	2.9	

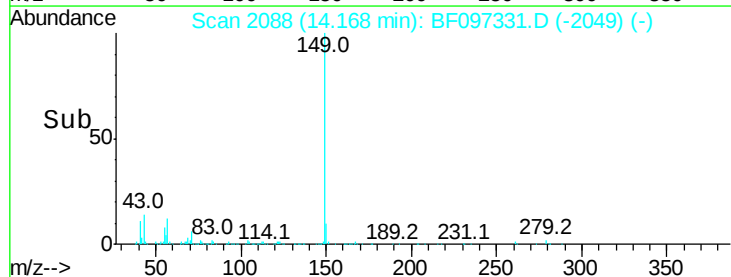
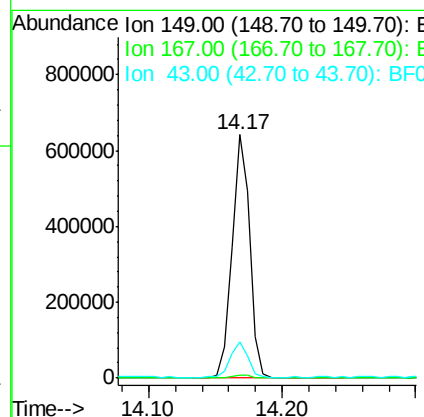
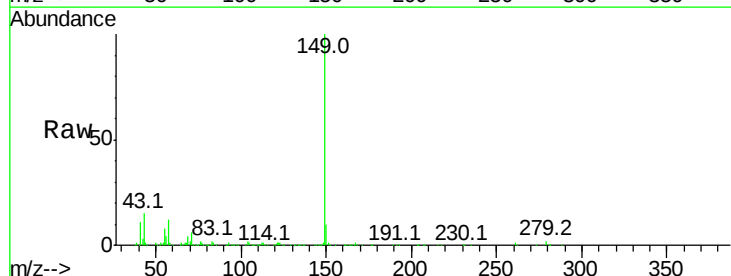
Manual Integrations
 APPROVED

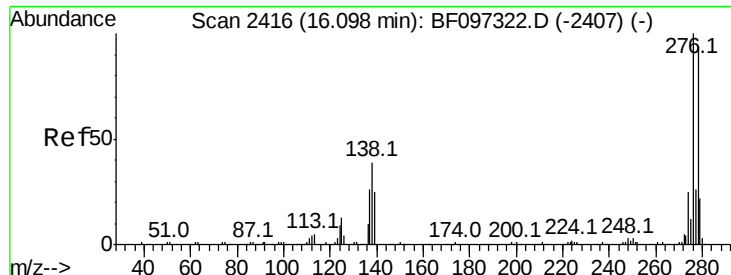
Sohil
 8/4/2017 5:30:23 PM



#84
 Di-n-octyl phthalate
 Concen: 34.443 ng
 RT: 14.17 min Scan# 2088
 Delta R.T. -0.07 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	14.2	8.5	12.7#	





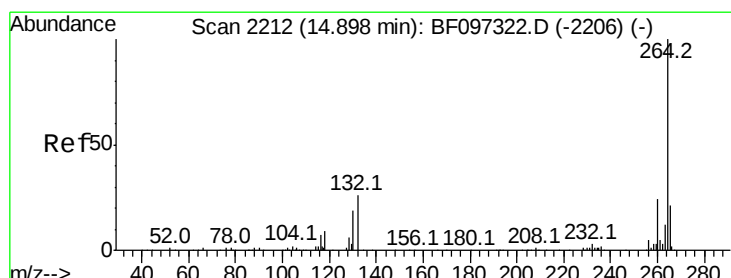
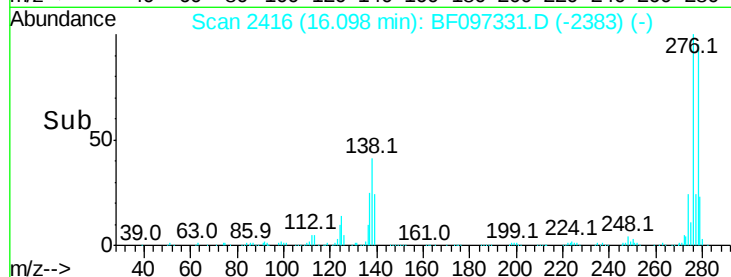
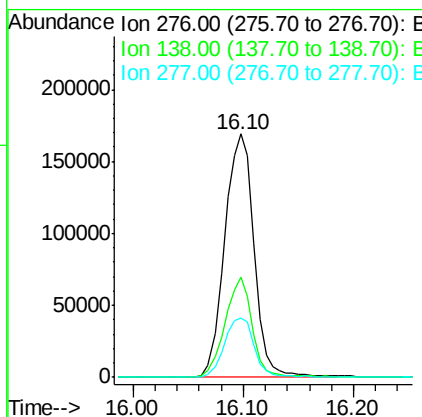
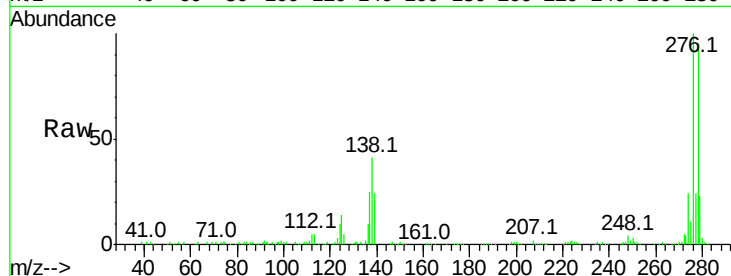
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.151 ng
RT: 16.10 min Scan# 2416
Delta R.T. -0.11 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion:	276	Resp:	314740
Ion Ratio	Lower	Upper	
276	100		
138	38.5	27.8	41.6
277	24.8	20.2	30.4

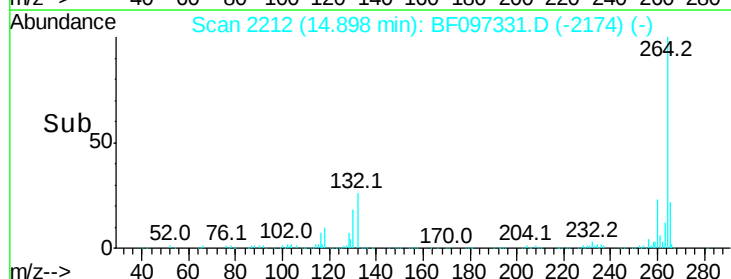
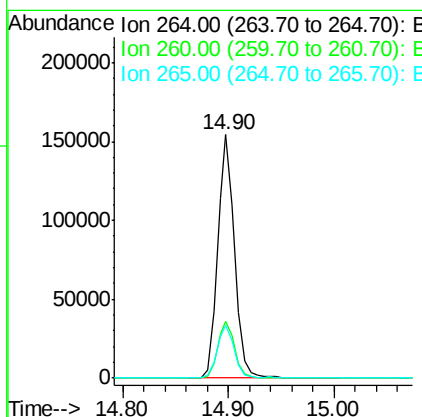
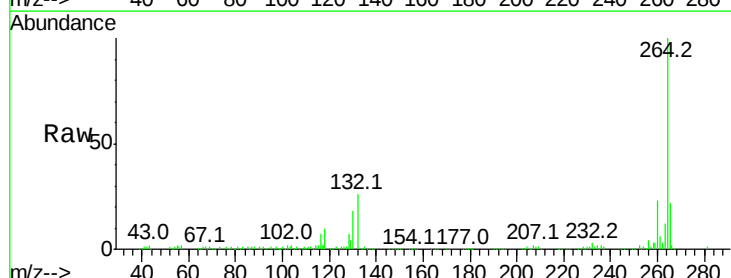
Manual Integrations
APPROVED

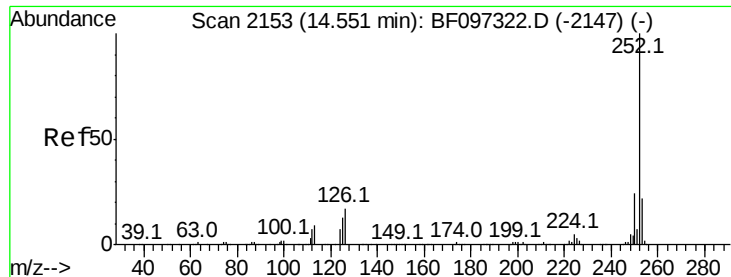
Sohil
8/4/2017 5:30:23 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.90 min Scan# 2212
Delta R.T. -0.08 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion:	264	Resp:	173250
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.063 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.06 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Instrument :

BNA_F

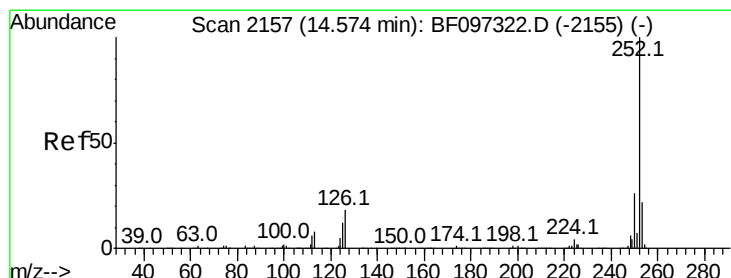
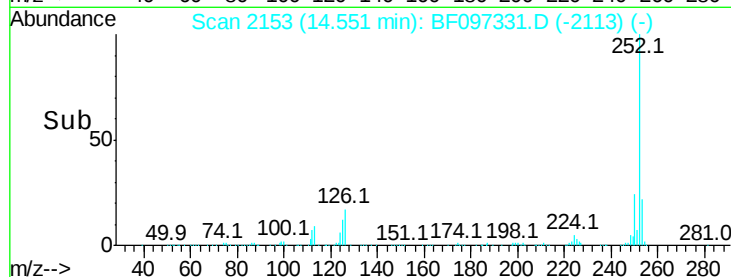
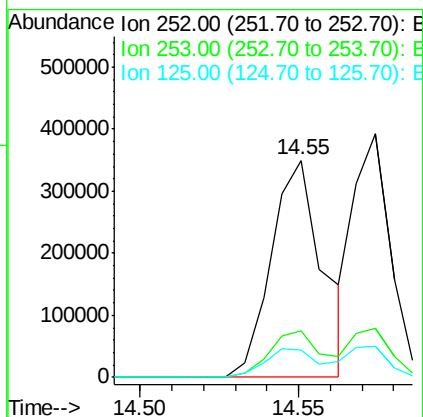
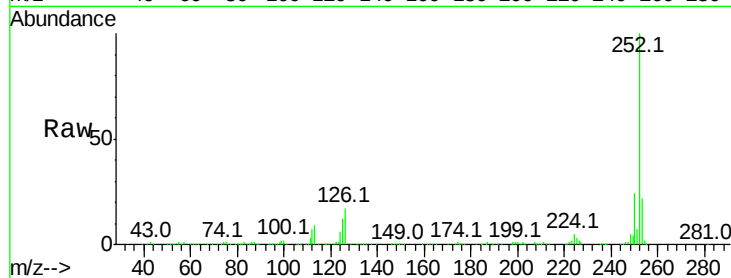
ClientSampleId :

FK-GF-02-008-BMSD

Tot Ion:	252	Resp:	396404
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	12.4	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:23 PM



#88

Benzo(k)fluoranthene

Concen: 31.947 ng

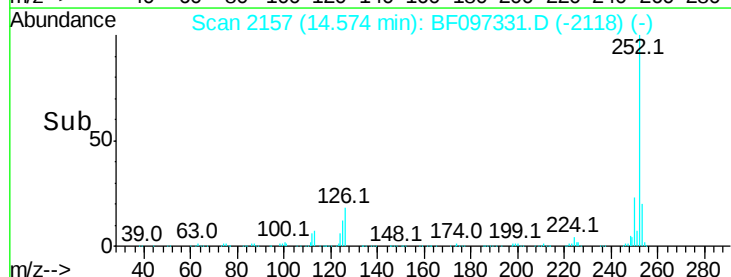
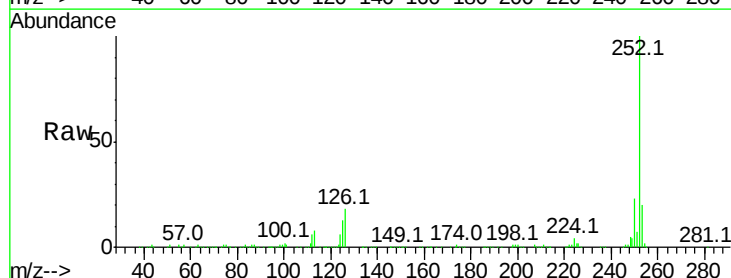
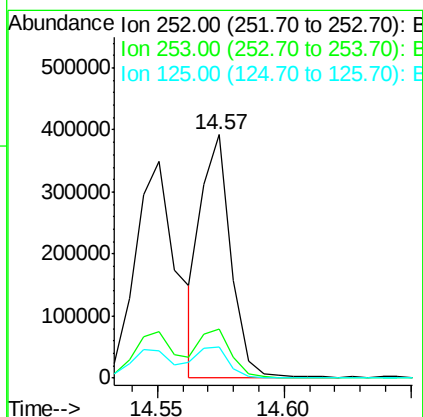
RT: 14.57 min Scan# 2157

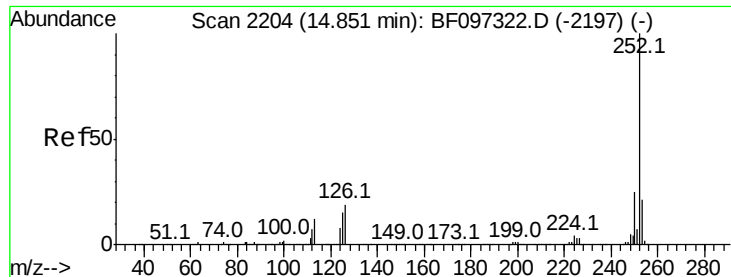
Delta R.T. -0.07 min

Lab File: BF097331.D

Acq: 3 Aug 2017 21:59

Tgt Ion:	252	Resp:	317044
Ion Ratio	Lower	Upper	
252	100		
253	20.4	18.4	27.6
125	12.6	13.1	19.7#





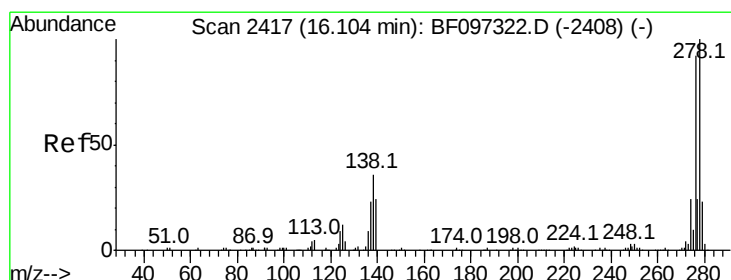
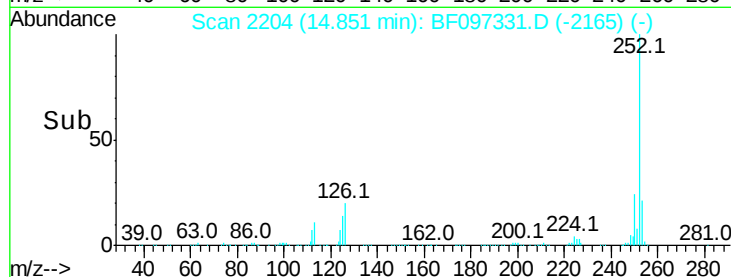
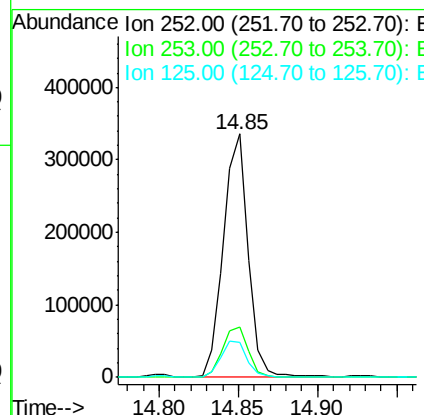
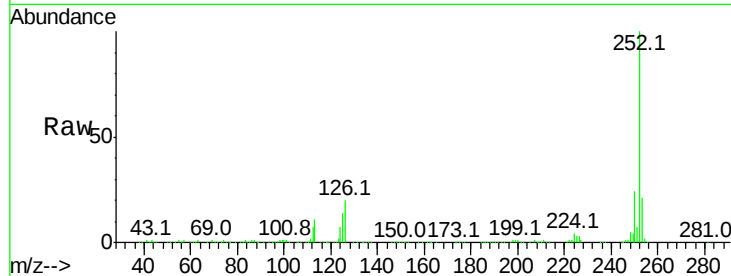
#89
Benzo(a)pyrene
Concen: 38.116 ng
RT: 14.85 min Scan# 2204
Delta R.T. -0.07 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	14.1	11.0	16.4

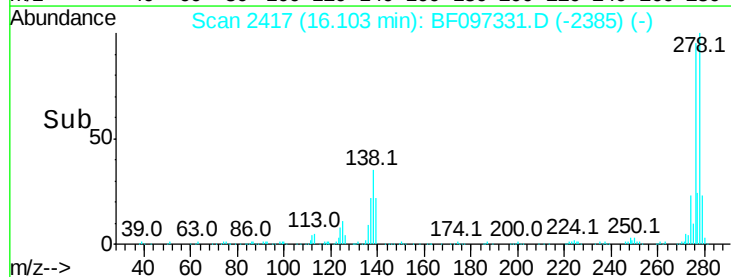
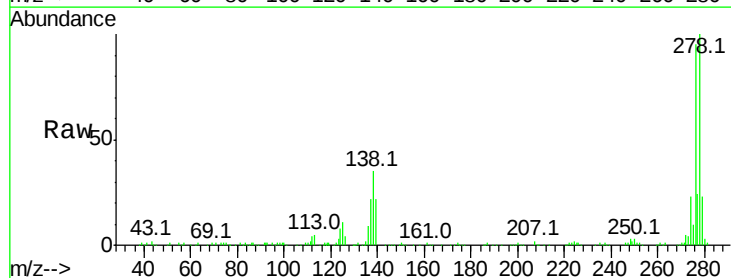
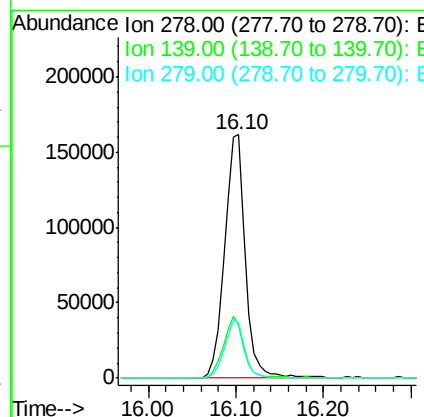
Manual Integrations
APPROVED

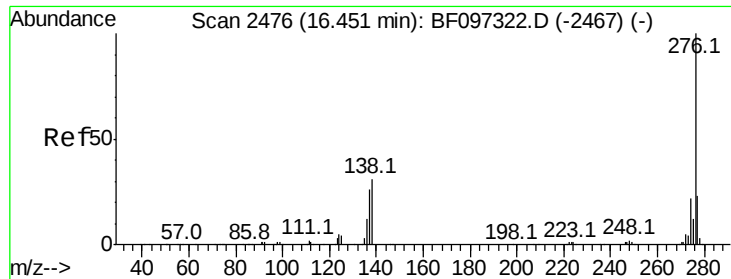
Sohil
8/4/2017 5:30:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.001 ng
RT: 16.10 min Scan# 2417
Delta R.T. -0.11 min
Lab File: BF097331.D
Acq: 3 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	22.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 30.880 ng
 RT: 16.44 min Scan# 2475
 Delta R.T. -0.12 min
 Lab File: BF097331.D
 Acq: 3 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMSD

Tot Ion:	276	Resp:	253116
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	33.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:30:23 PM

