

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098275.D
 Acq On : 6 Sep 2017 16:26
 Operator : SJ/JU
 Sample : PB102074BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM

Quant Time: Sep 07 03:58:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110311	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	441168	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	207816	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	417925	20.00	ng	0.00
75) Chrysene-d12	13.85	240	348012	20.00	ng	-0.01
86) Perylene-d12	15.25	264	277295	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	910018	125.48	ng	0.01
7) Phenol-d6	6.35	99	1242519	126.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	767825	94.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	269657	149.55	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1219025	86.18	ng	-0.01
78) Terphenyl-d14	12.80	244	1145564	68.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	147212	36.398	ng	# 87
3) Pyridine	3.12	79	404096	36.141	ng	85
4) n-Nitrosodimethylamine	3.07	42	154591	35.933	ng	# 74
6) Aniline	6.36	93	384586	27.783	ng	# 51
8) 2-Chlorophenol	6.49	128	322275	42.137	ng	98
9) Benzaldehyde	6.24	77	81393	13.041	ng	87
10) Phenol	6.36	94	448141	38.887	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	360975	41.500	ng	95
12) 1,3-Dichlorobenzene	6.63	146	324453	39.439	ng	# 94
13) 1,4-Dichlorobenzene	6.71	146	328097	39.213	ng	# 94
14) 1,2-Dichlorobenzene	6.86	146	302831	39.253	ng	99
15) Benzyl Alcohol	6.85	79	291779	39.551	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	448346	38.310	ng	84
17) 2-Methylphenol	6.96	107	286297	42.478	ng	# 94
18) Hexachloroethane	7.20	117	131850	40.194	ng	# 82
19) n-Nitroso-di-n-propylamine	7.12	70	254694	37.758	ng	90
20) 3+4-Methylphenols	7.12	107	356684	43.328	ng	# 87
22) Acetophenone	7.11	105	472037	40.502	ng	# 87
24) Nitrobenzene	7.28	77	400589	44.302	ng	94
25) Isophorone	7.52	82	722018	42.757	ng	97
26) 2-Nitrophenol	7.60	139	169307	51.279	ng	# 84
27) 2,4-Dimethylphenol	7.65	122	303811	43.139	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	467945	42.151	ng	98
29) 2,4-Dichlorophenol	7.84	162	264124	45.180	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	263251	40.621	ng	99
31) Naphthalene	8.00	128	932886	40.732	ng	99
32) Benzoic acid	7.79	122	194701	39.286	ng	90
33) 4-Chloroaniline	8.06	127	294977	30.538	ng	97
34) Hexachlorobutadiene	8.12	225	150027	39.649	ng	97
35) Caprolactam	8.44	113	93573m	47.083	ng	
36) 4-Chloro-3-methylphenol	8.55	107	321835	42.848	ng	# 80
37) 2-Methylnaphthalene	8.69	142	617373	43.967	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244956	38.408	ng	# 97
40) Hexachlorocyclopentadiene	8.85	237	270729	88.359	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098275.D
 Acq On : 6 Sep 2017 16:26
 Operator : SJ/JU
 Sample : PB102074BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

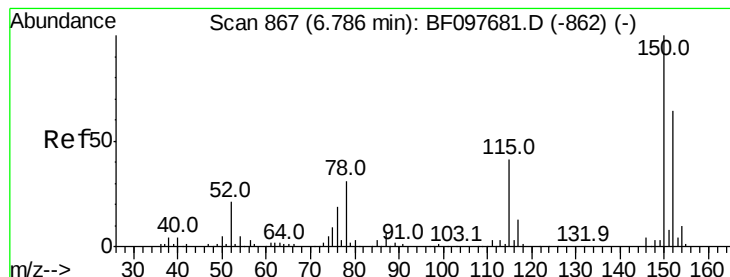
Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM

Quant Time: Sep 07 03:58:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	178132	41.601	nq	97
43) 2,4,5-Trichlorophenol	9.02	196	189593	44.632	nq	97
45) 1,1'-Biphenyl	9.16	154	736409	38.859	nq	95
46) 2-Chloronaphthalene	9.18	162	540046	38.568	nq #	92
47) 2-Nitroaniline	9.28	65	214290	45.650	nq	96
48) Acenaphthylene	9.60	152	898463	40.860	nq	99
49) Dimethylphthalate	9.47	163	667927	43.969	nq	98
50) 2,6-Dinitrotoluene	9.53	165	144391	47.619	nq #	71
51) Acenaphthene	9.77	154	533232	38.451	nq	100
52) 3-Nitroaniline	9.69	138	138525	35.409	nq	86
53) 2,4-Dinitrophenol	9.81	184	146354	98.746	nq #	71
54) Dibenzofuran	9.94	168	785220	42.247	nq	100
55) 4-Nitrophenol	9.87	139	239143	76.630	nq #	46
56) 2,4-Dinitrotoluene	9.93	165	184862	48.580	nq #	51
57) Fluorene	10.28	166	607379	42.268	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	162028	49.265	nq	92
59) Diethylphthalate	10.16	149	733012	46.143	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	282482	42.314	nq #	85
61) 4-Nitroaniline	10.32	138	176837	47.560	nq	82
62) Azobenzene	10.43	77	819097	43.408	nq	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	101971	51.123	nq #	70
65) n-Nitrosodiphenylamine	10.40	169	566922	39.835	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	179223	41.297	nq	93
67) Hexachlorobenzene	10.83	284	174864	39.531	nq #	89
68) Atrazine	10.93	200	176565	46.782	nq	97
69) Pentachlorophenol	11.03	266	189596	73.511	nq	98
70) Phenanthrene	11.24	178	915048	41.089	nq	100
71) Anthracene	11.29	178	935606	41.421	nq	99
72) Carbazole	11.45	167	900643	42.006	nq	98
73) Di-n-butylphthalate	11.78	149	1140190	46.168	nq	99
74) Fluoranthene	12.43	202	1004799	43.227	nq	99
76) Benzidine	12.55	184	494889m	43.371	nq	
77) Pyrene	12.65	202	1018834	35.795	nq	99
79) Butylbenzylphthalate	13.27	149	491840	45.070	nq #	74
80) Benzo(a)anthracene	13.84	228	794929	38.112	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	219848	31.236	nq #	95
82) Chrysene	13.88	228	817374	39.394	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	590420	48.824	nq #	100
84) Di-n-octyl phthalate	14.44	149	1120624	53.259	nq	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	586268	38.410	nq	97
87) Benzo(b)fluoranthene	14.86	252	719076	41.140	nq	99
88) Benzo(k)fluoranthene	14.89	252	714839	43.531	nq #	95
89) Benzo(a)pyrene	15.20	252	668678	43.214	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	487919	38.732	nq	100
91) Benzo(g,h,i)perylene	17.02	276	489487	37.240	nq	93

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



#1

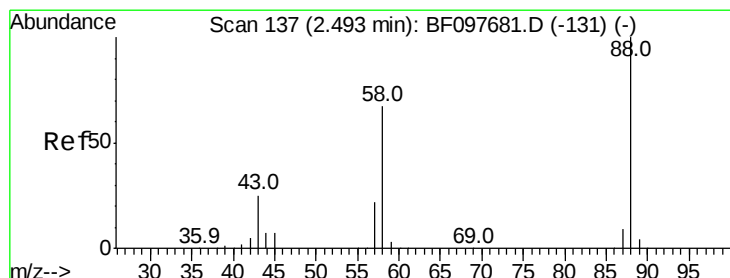
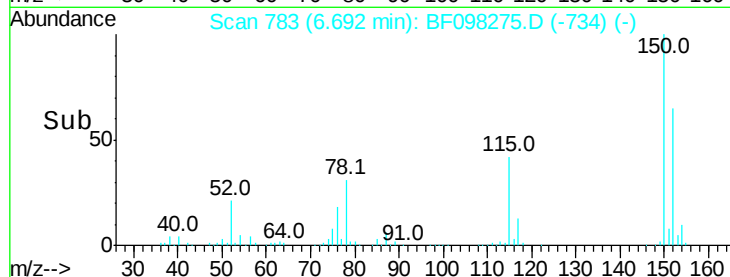
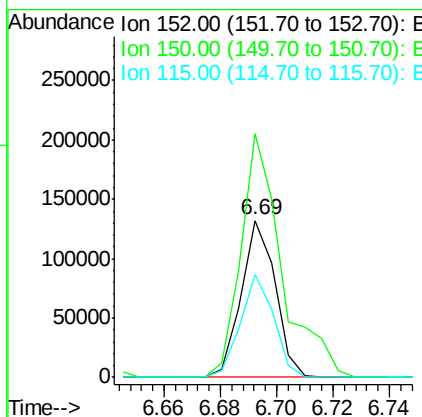
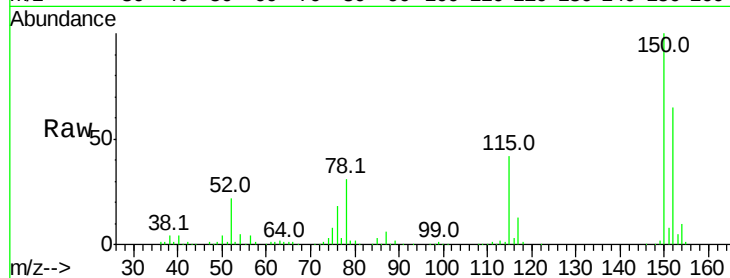
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampled :
PB102074BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	65.7	52.2	78.2

Manual Integrations
APPROVED

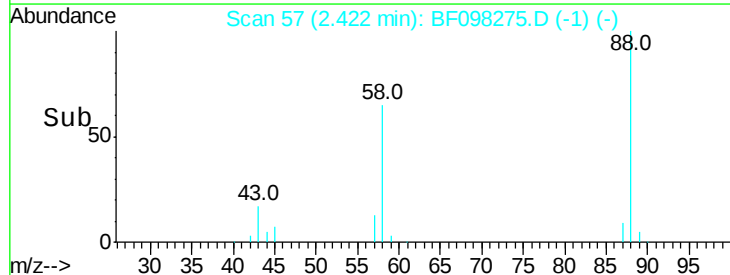
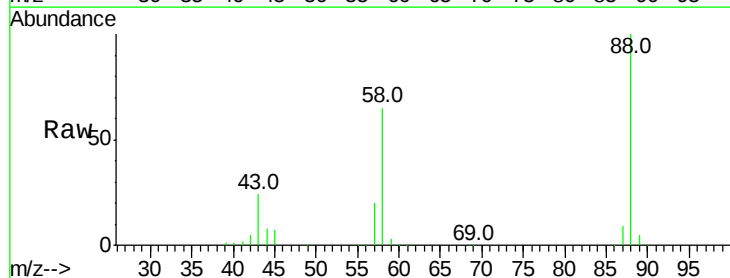
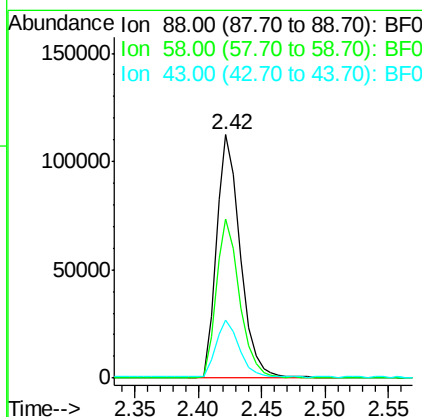
Sohil
9/7/2017 5:44:23 PM

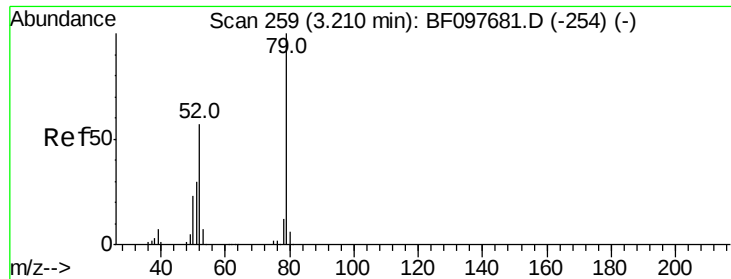


#2

1,4-Dioxane
Concen: 36.398 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.10 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	61.4	92.0
43	23.1	23.4	35.0#





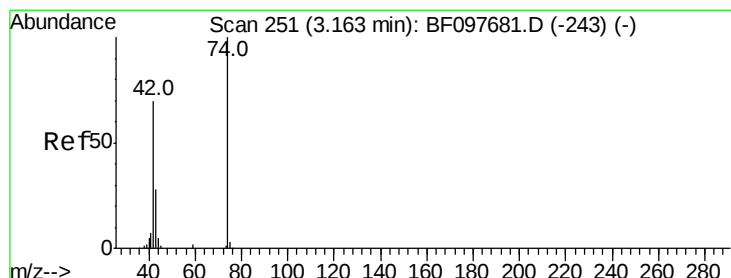
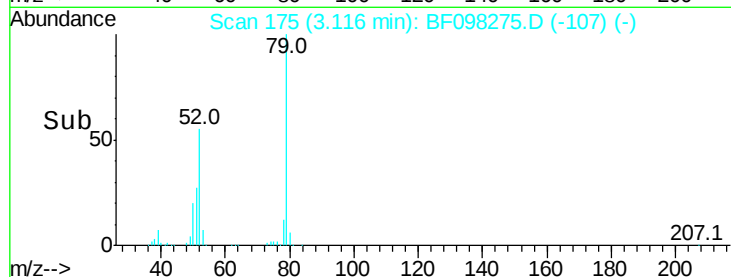
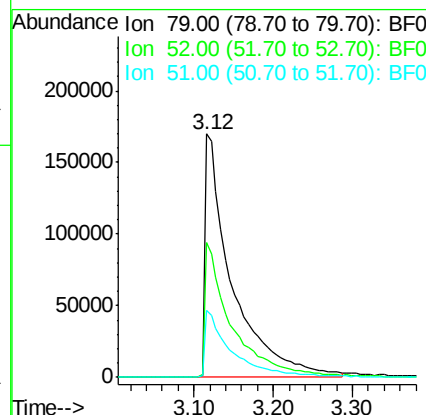
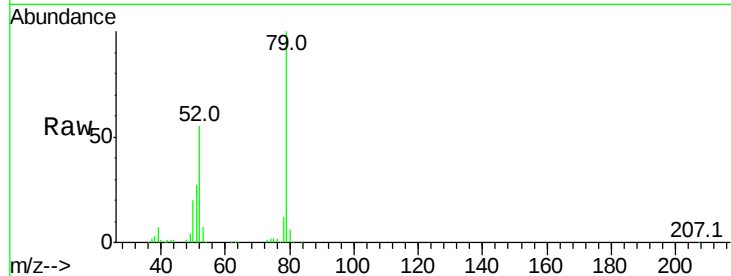
#3
Pvridine
Concen: 36.141 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.10 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	404096		
52	52	55.1		54.8	82.2
51	51	27.5		27.0	40.4

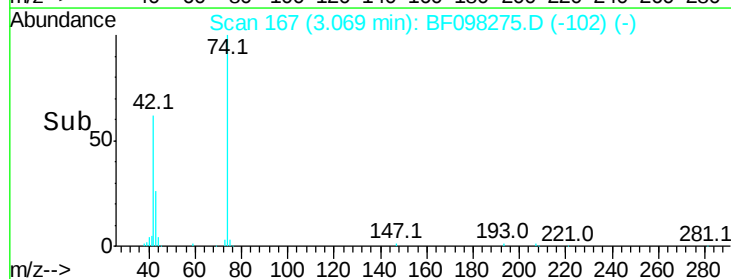
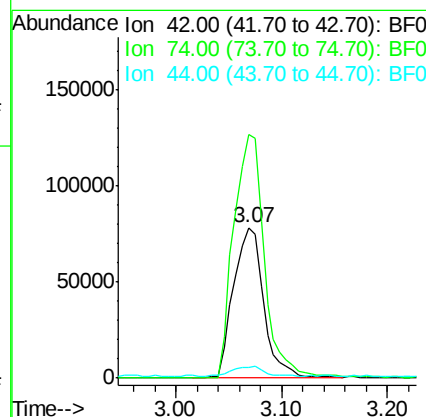
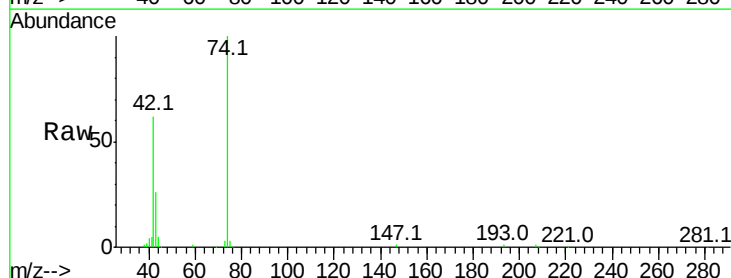
Manual Integrations
APPROVED

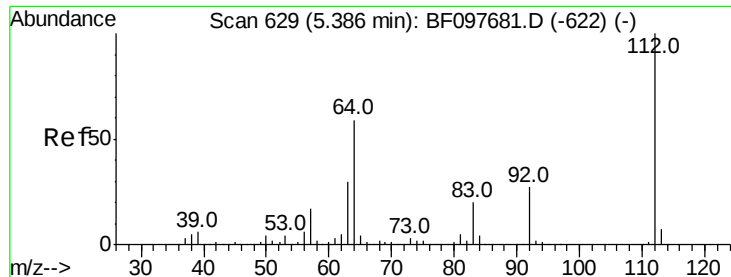
Sohil
9/7/2017 5:44:23 PM



#4
n-Nitrosodimethylamine
Concen: 35.933 ng
RT: 3.07 min Scan# 167
Delta R.T. 0.08 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	154591		
74	74	161.5		103.9	155.9#
44	44	7.4		5.7	8.5





#5

2-Fluorophenol

Concen: 125.482 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

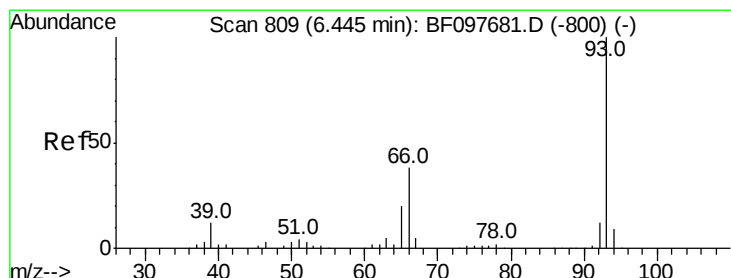
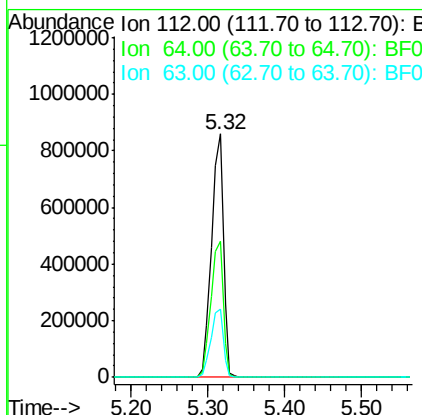
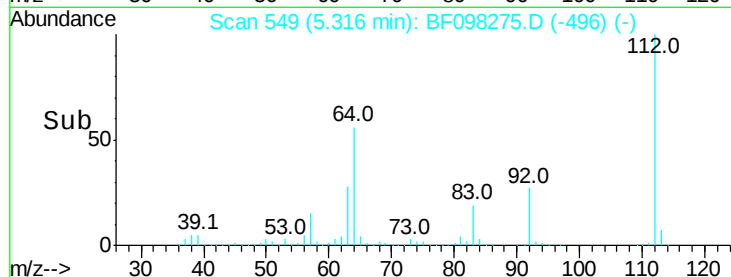
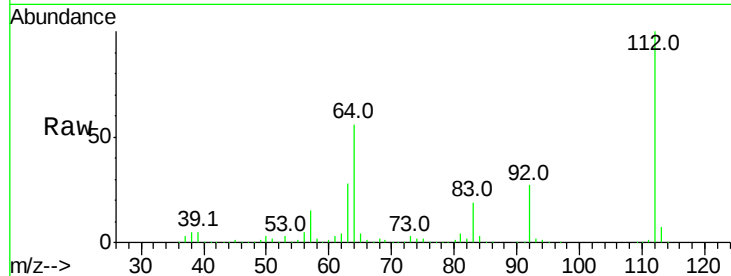
ClientSampleId :

PB102074BS

Tot Ion:	112	Resp:	910018
Ion Ratio	Lower	Upper	
112	100		
64	56.1	46.0	69.0
63	28.1	23.4	35.0

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#6

Aniline

Concen: 27.783 ng

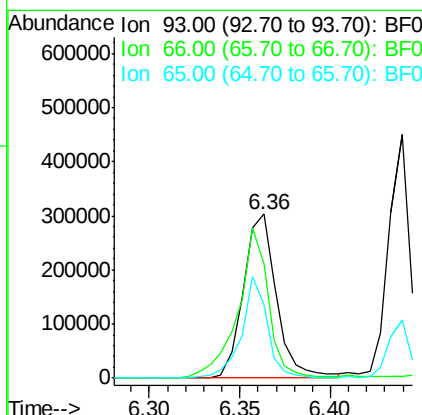
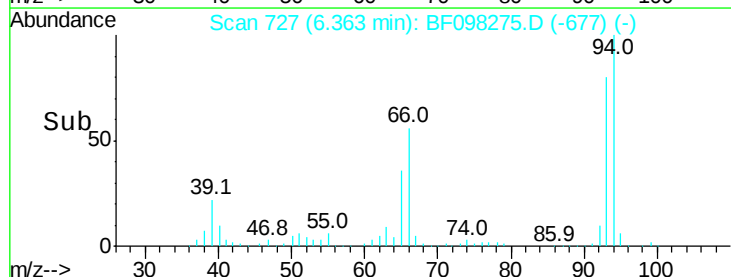
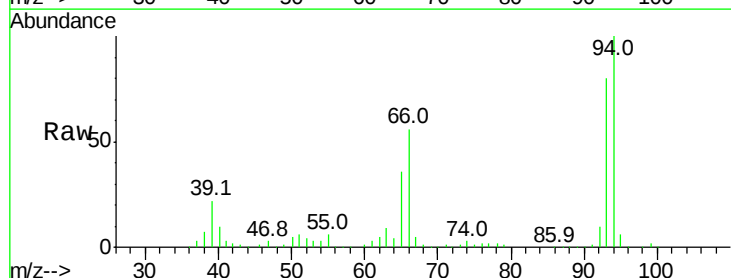
RT: 6.36 min Scan# 727

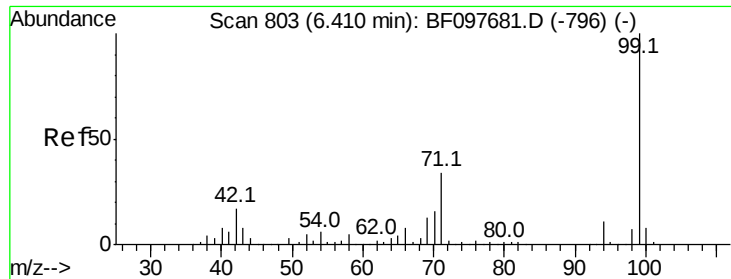
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	93	Resp:	384586
Ion Ratio	Lower	Upper	
93	100		
66	69.9	32.9	49.3#
65	45.1	16.0	24.0#





#7

Phenol-d6

Concen: 126.098 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

Tot Ion: 99 Resp: 1242519

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

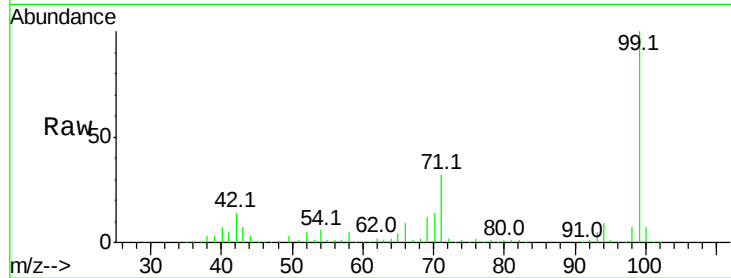
71 32.0 24.5 36.7

Manual Integrations

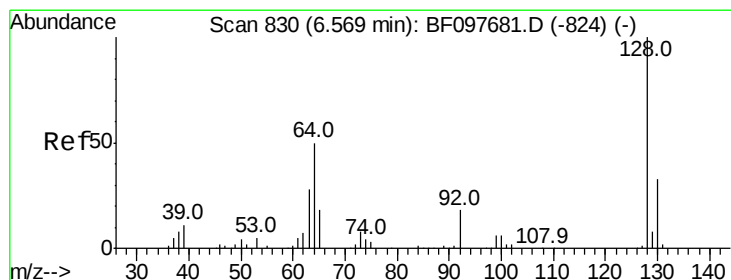
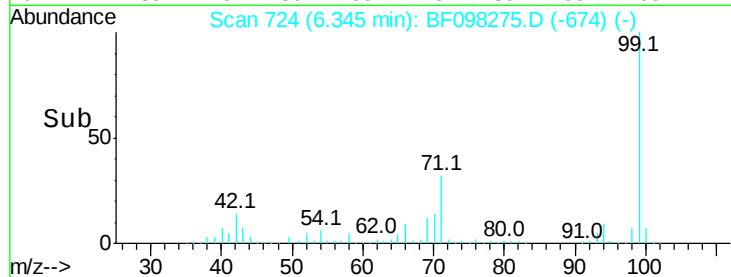
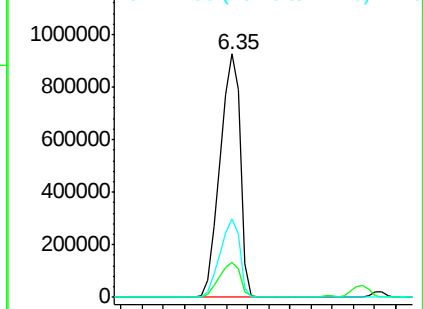
APPROVED

Sohil

9/7/2017 5:44:23 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.137 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

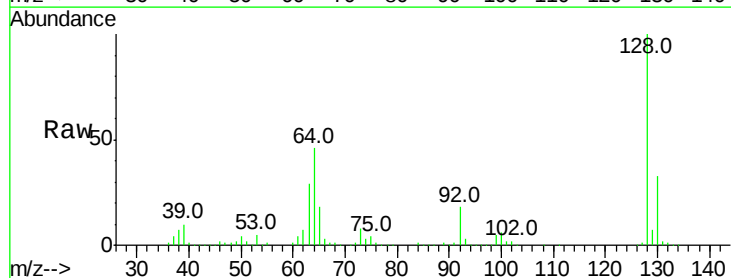
Tgt Ion:128 Resp: 322275

Ion Ratio Lower Upper

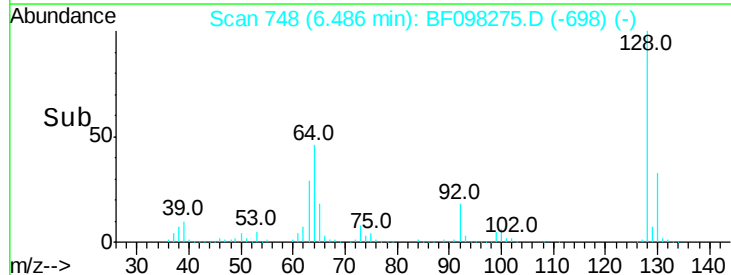
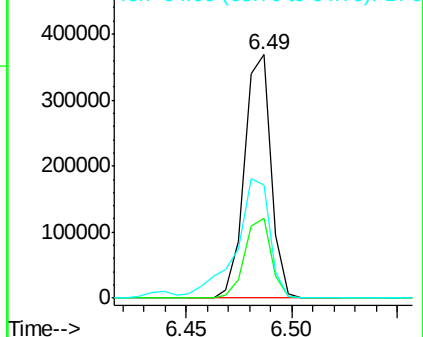
128 100

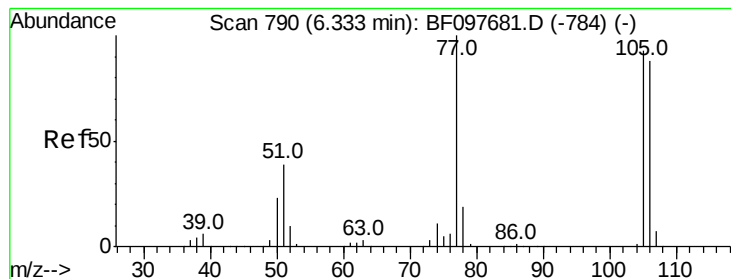
130 32.8 12.9 52.9

64 46.5 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.041 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

Tot Ion: 77 Resp: 81393

Ion Ratio Lower Upper

77 100

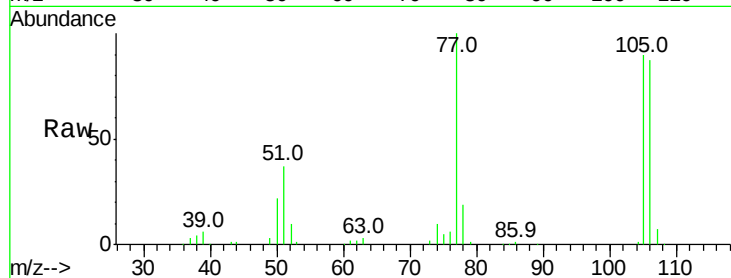
105 90.3 83.8 123.8

106 86.7 79.1 119.1

Manual Integrations
APPROVED

Sohil

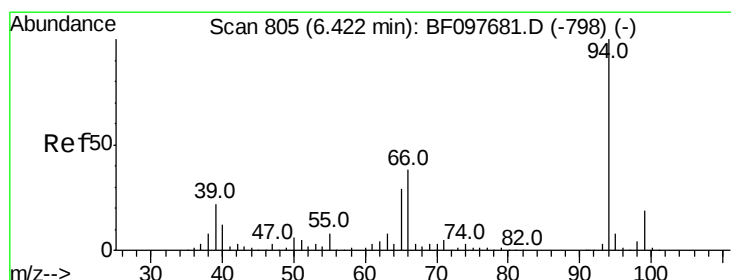
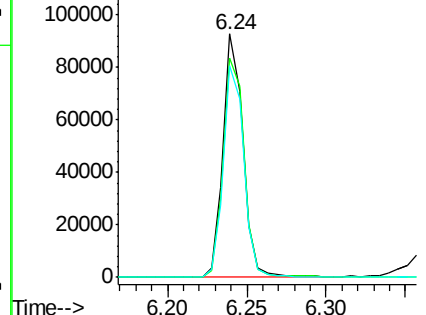
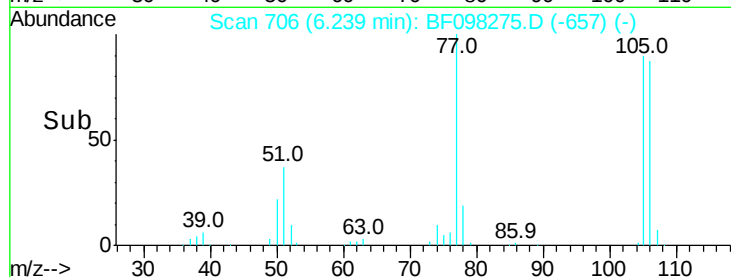
9/7/2017 5:44:23 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.887 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

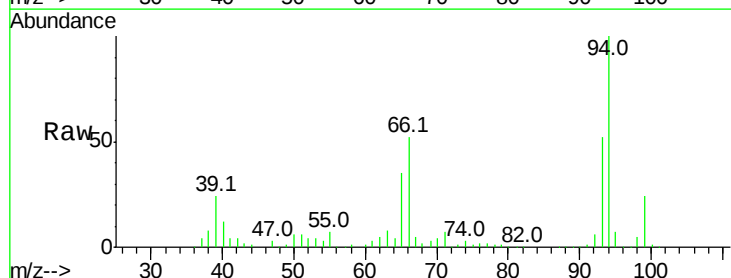
Tgt Ion: 94 Resp: 448141

Ion Ratio Lower Upper

94 100

65 35.2 9.9 49.9

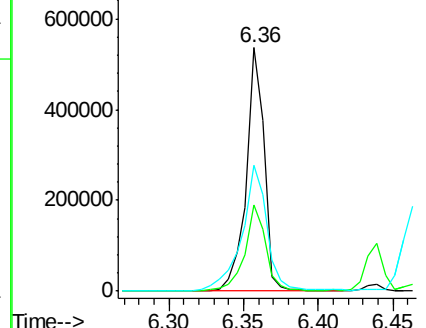
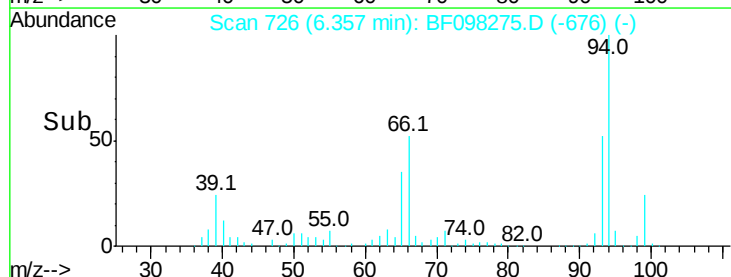
66 51.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.500 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

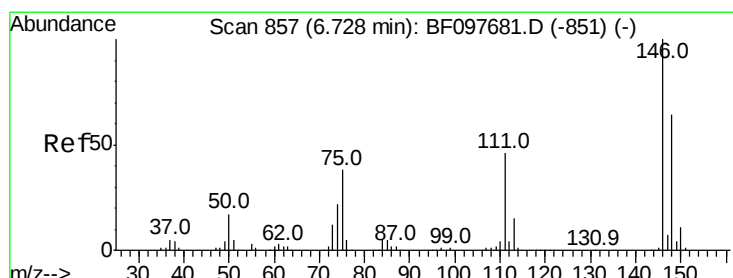
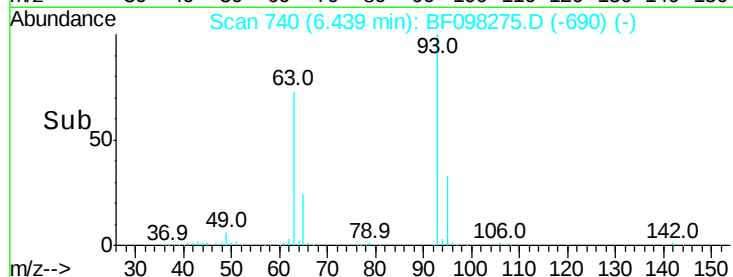
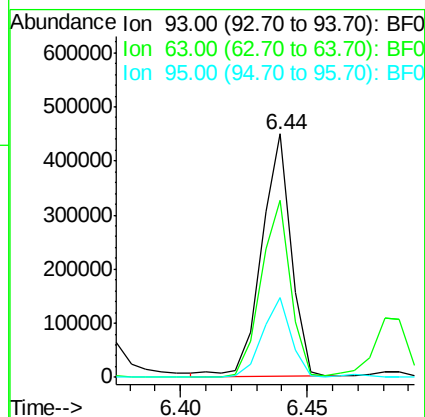
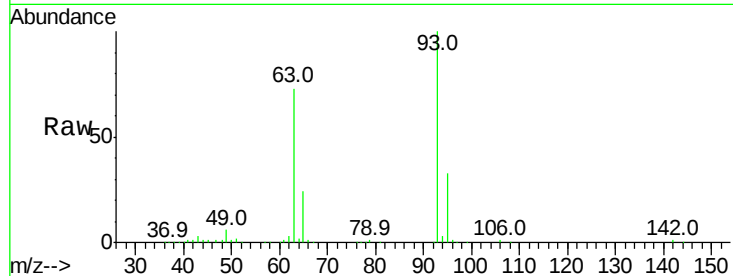
ClientSampleId :

PB102074BS

Tot Ion:	93	Resp:	360975
Ion Ratio	Lower	Upper	
93	100		
63	72.6	59.2	99.2
95	32.9	12.8	52.8

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#12

1,3-Dichlorobenzene

Concen: 39.439 ng

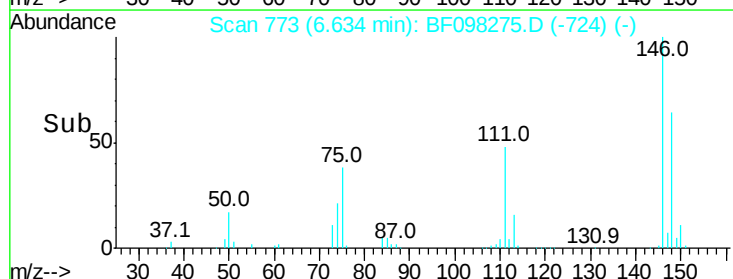
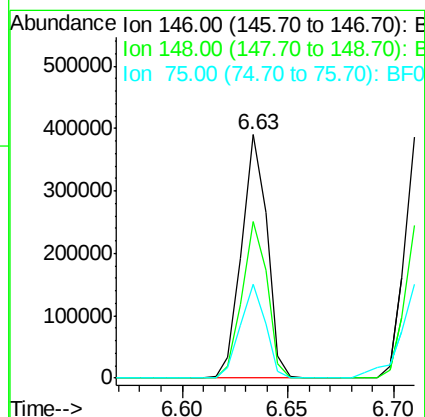
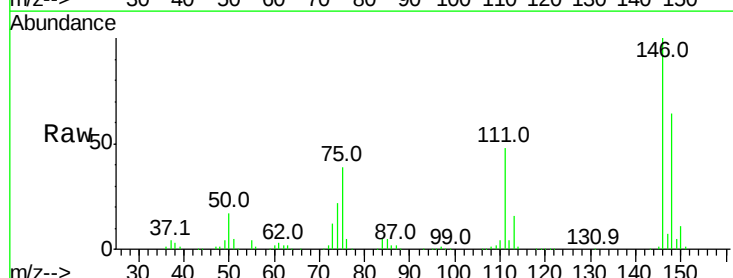
RT: 6.63 min Scan# 773

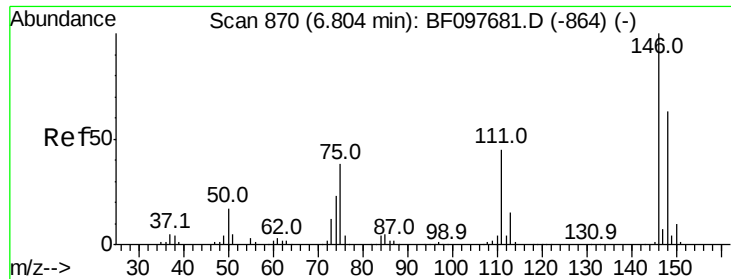
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	146	Resp:	324453
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
75	38.7	23.1	34.7#





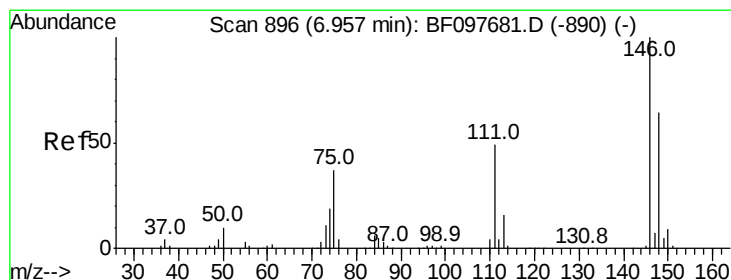
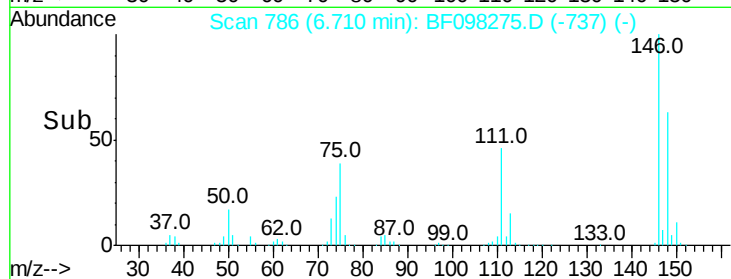
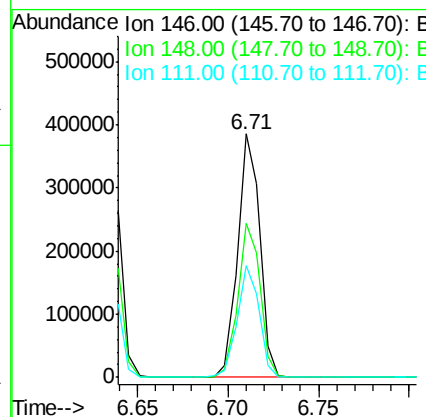
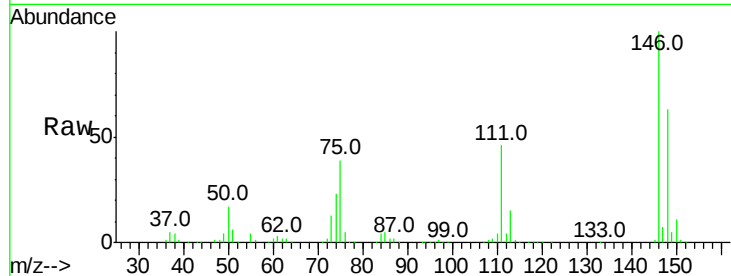
#13
 1,4-Dichlorobenzene
 Concen: 39.213 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	45.9	30.3	45.5#

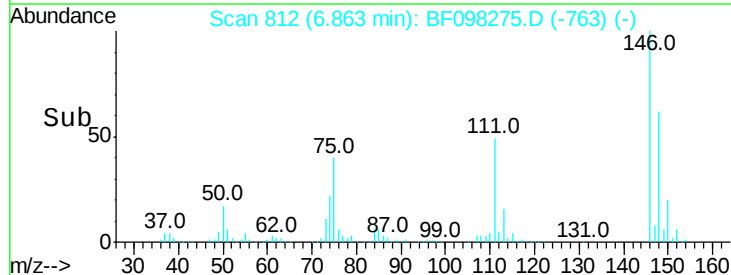
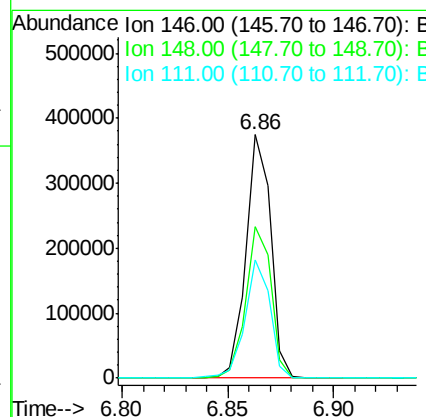
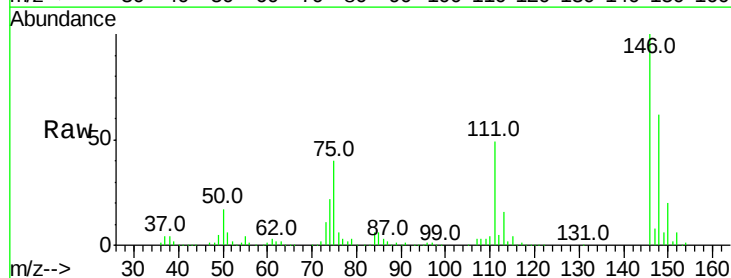
Manual Integrations
 APPROVED

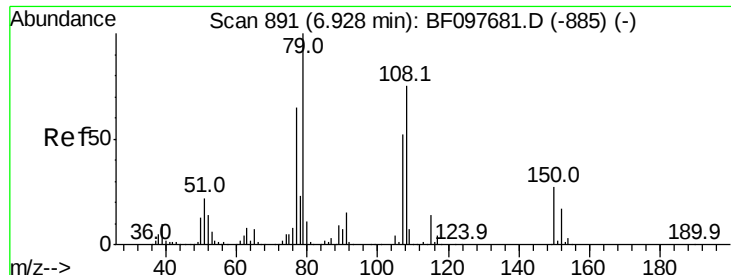
Sohil
 9/7/2017 5:44:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.253 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.4	75.6
111	48.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.551 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampled :

PB102074BS

Tot Ion: 79 Resp: 291779

Ion Ratio Lower Upper

79 100

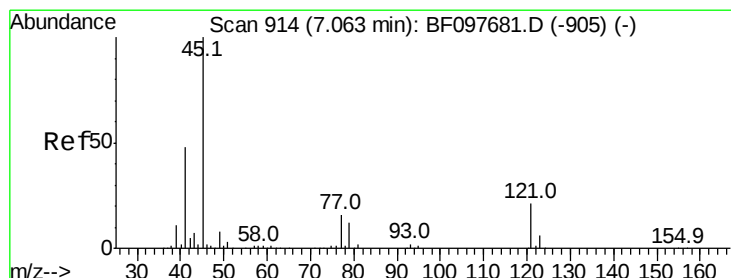
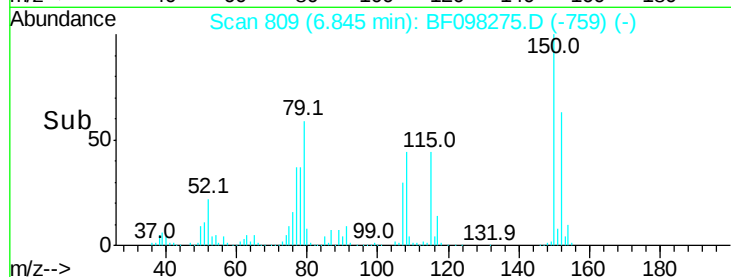
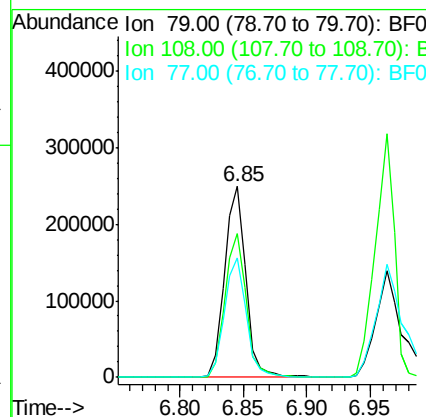
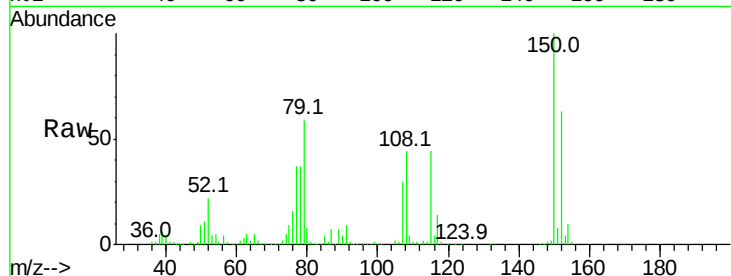
108 75.7 63.4 95.0

77 62.8 49.2 73.8

Manual Integrations
APPROVED

Sohil

9/7/2017 5:44:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.310 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

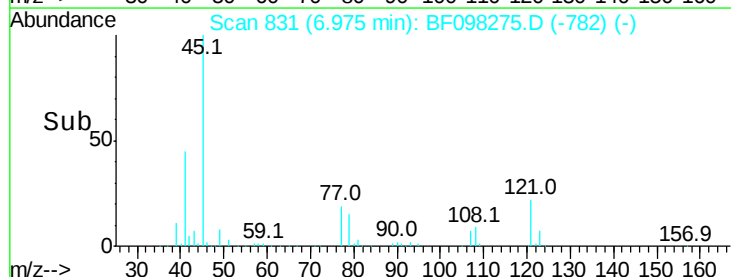
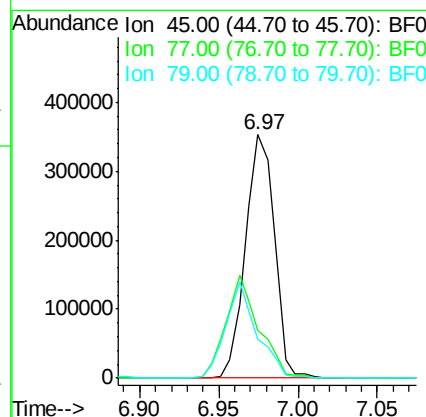
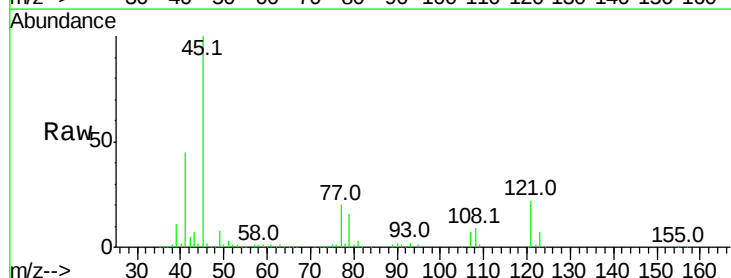
Tgt Ion: 45 Resp: 448346

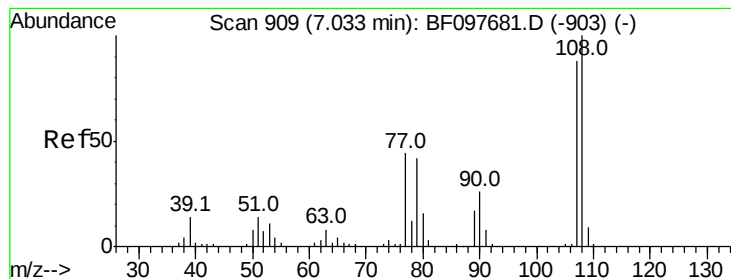
Ion Ratio Lower Upper

45 100

77 19.8 0.0 33.2

79 15.7 0.0 30.0





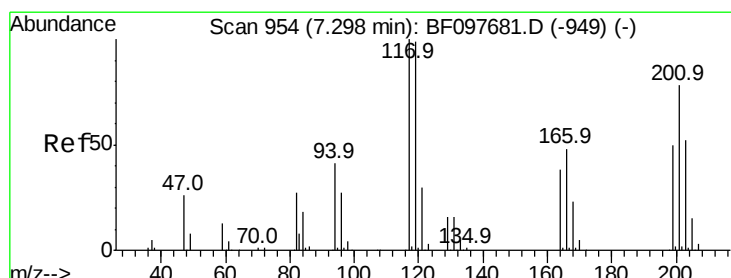
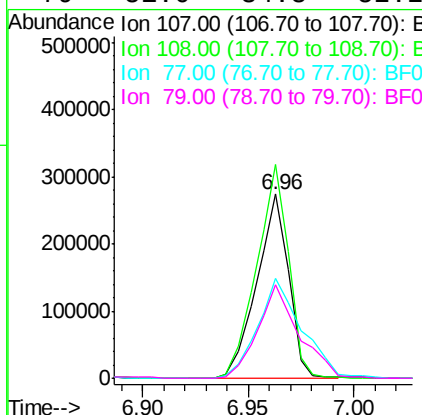
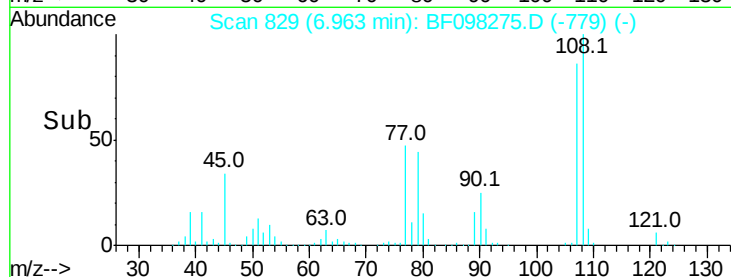
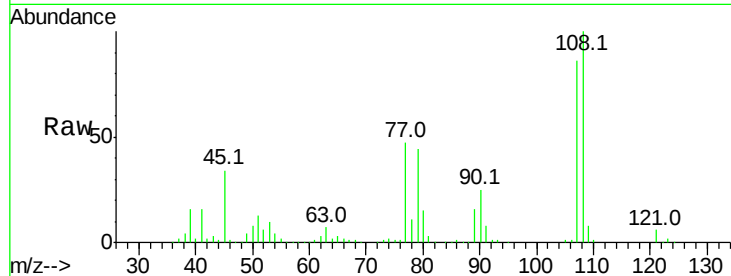
#17
2-Methylphenol
Concen: 42.478 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	116.1	93.4	140.0		
77	54.2	35.8	53.6#		
79	51.0	34.8	52.2		

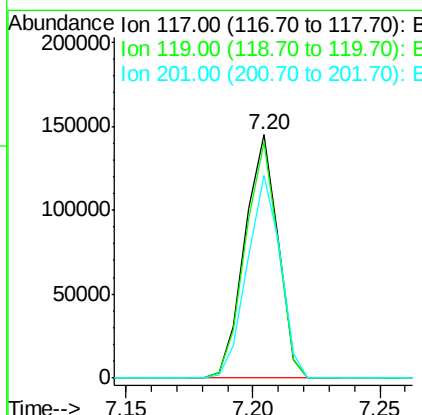
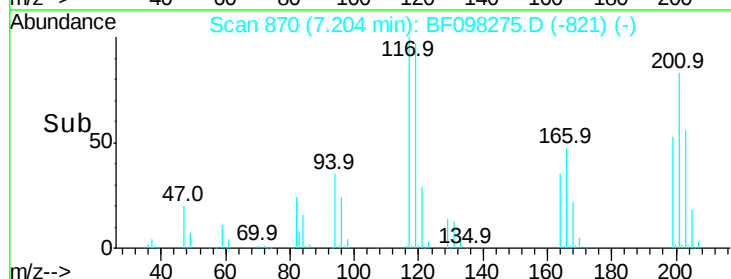
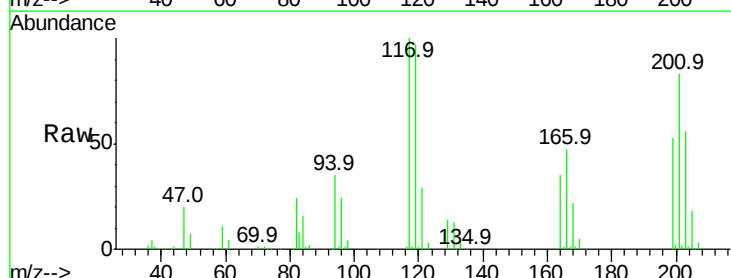
Manual Integrations
APPROVED

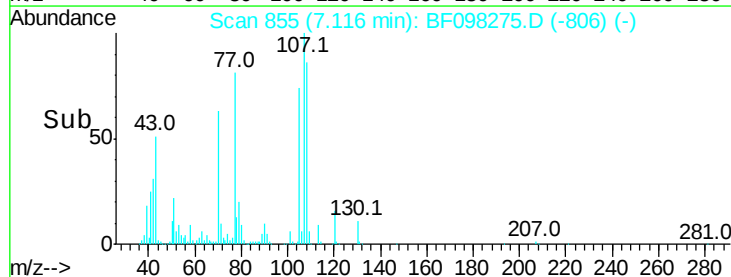
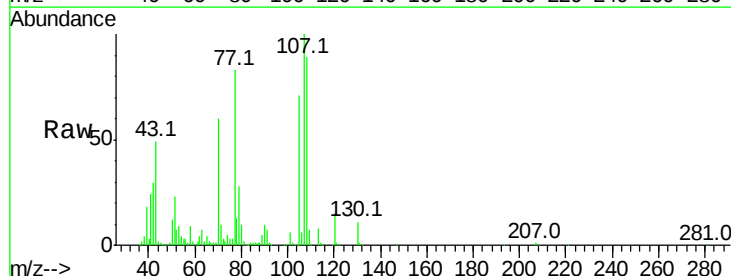
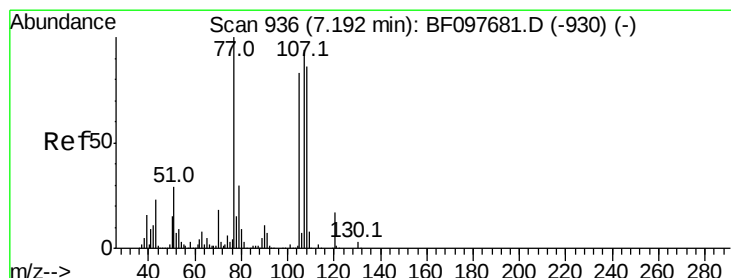
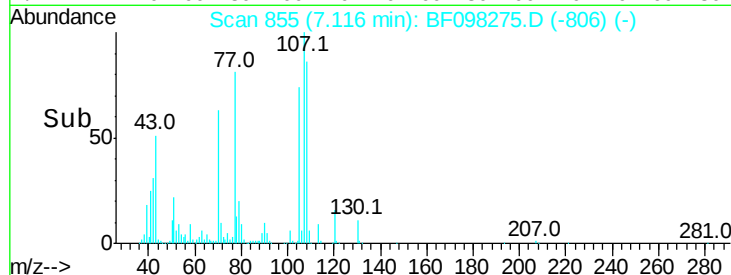
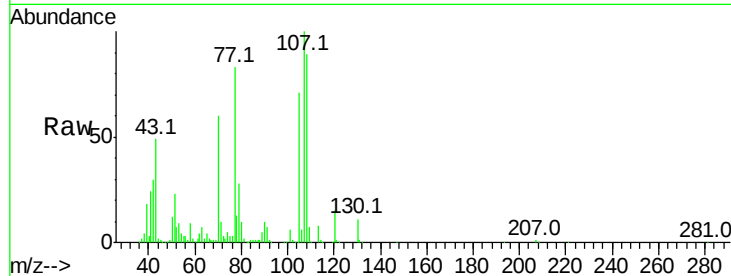
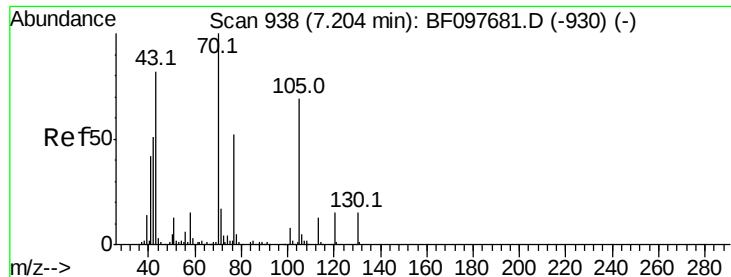
Sohil
9/7/2017 5:44:23 PM



#18
Hexachloroethane
Concen: 40.194 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	96.8	77.4	116.0		
201	83.1	94.6	141.8#		





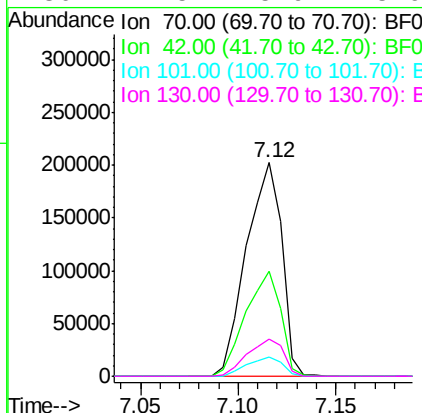
#19
n-Nitroso-di-n-propylamine
Concen: 37.758 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.2	70.8
101	9.2	7.2	10.8
130	17.5	15.9	23.9

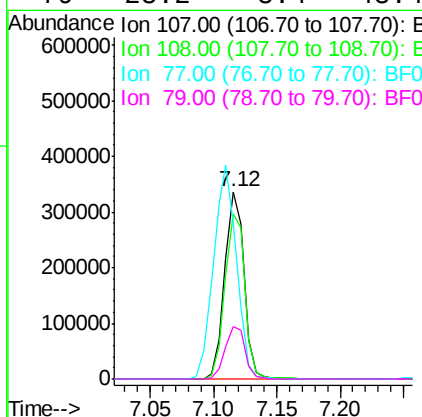
Manual Integrations
APPROVED

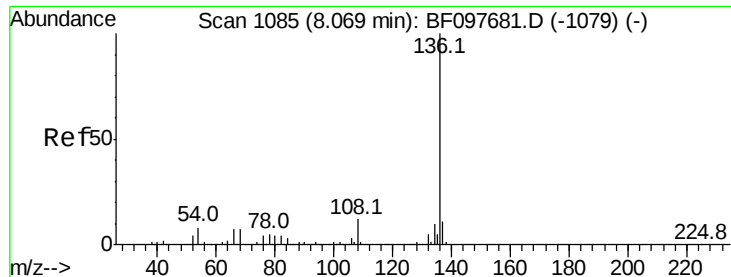
Sohil
9/7/2017 5:44:23 PM



#20
3+4-Methylphenols
Concen: 43.328 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.0	111.0
77	83.5	90.5	130.5#
79	28.2	8.4	48.4





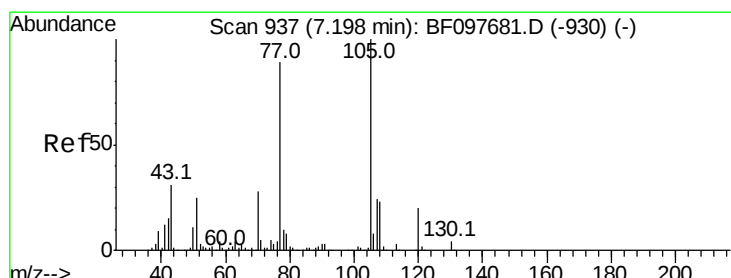
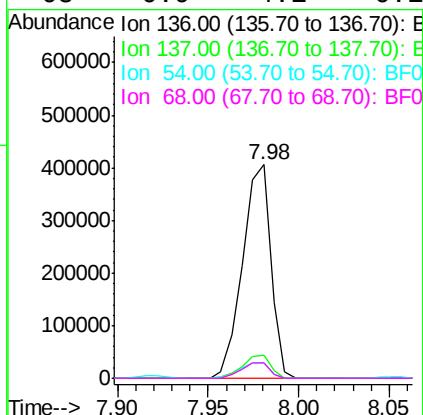
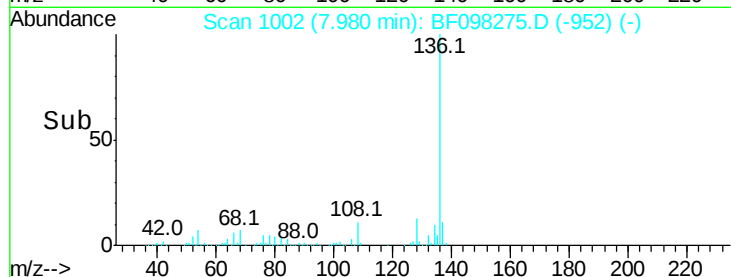
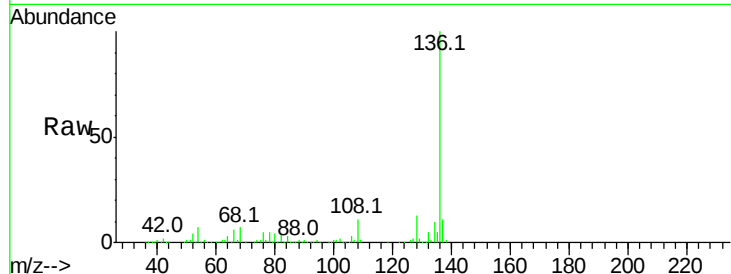
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	441168		
137	10.7	8.5	12.7	
54	7.2	4.9	7.3	
68	6.9	4.1	6.1	

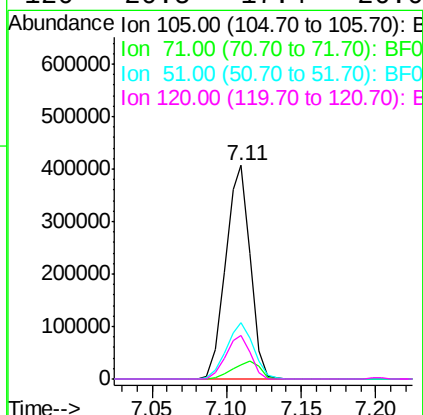
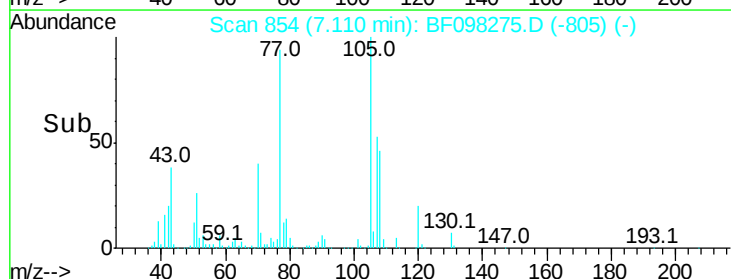
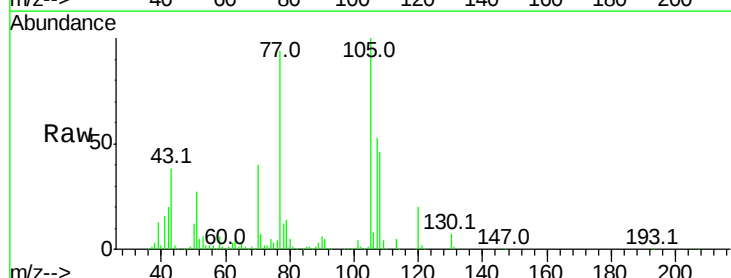
Manual Integrations
APPROVED

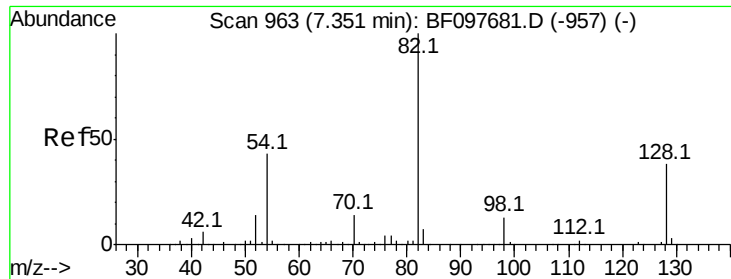
Sohil
9/7/2017 5:44:23 PM



#22
Acetophenone
Concen: 40.502 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	472037		
71	6.9	2.8	4.2	
51	26.6	30.7	46.1	
120	20.5	17.4	26.0	





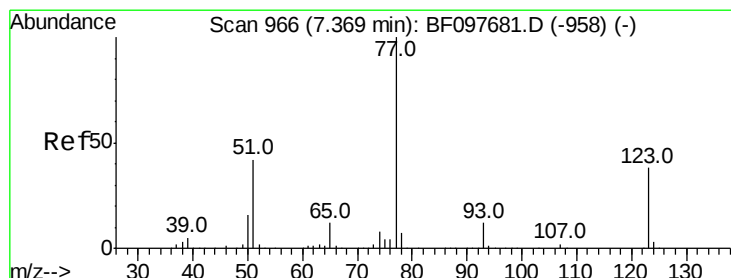
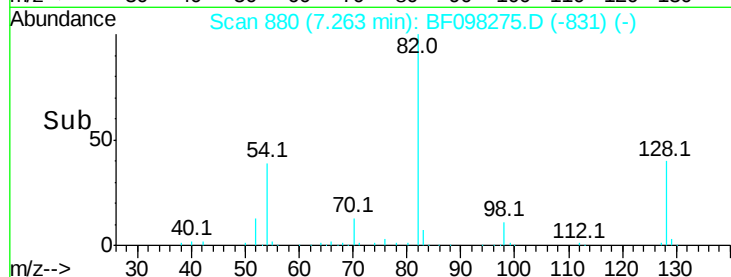
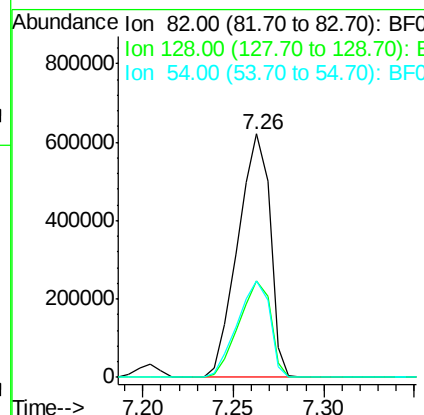
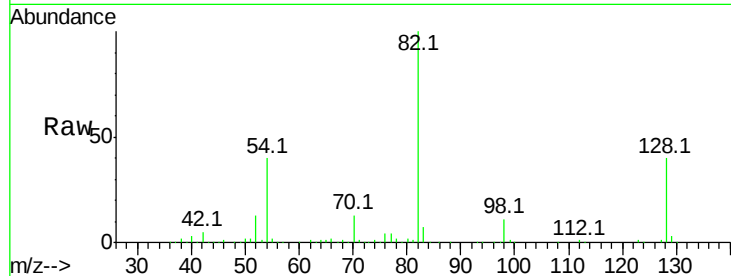
#23
 Nitrobenzene-d5
 Concen: 94.549 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	39.8	34.0	51.0
54	39.6	42.2	63.2#

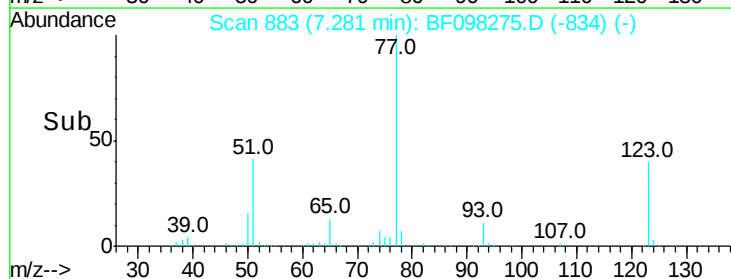
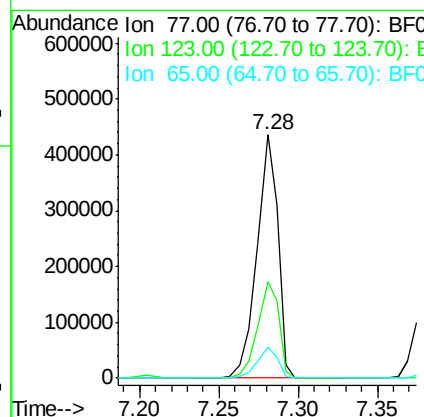
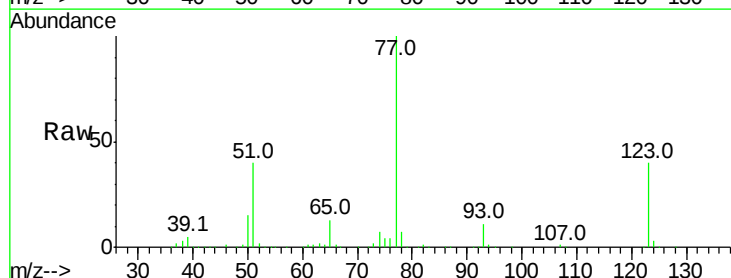
Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM



#24
 Nitrobenzene
 Concen: 44.302 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	39.6	35.8	53.8
65	12.6	10.6	15.8





#25

Isophorone

Concen: 42.757 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

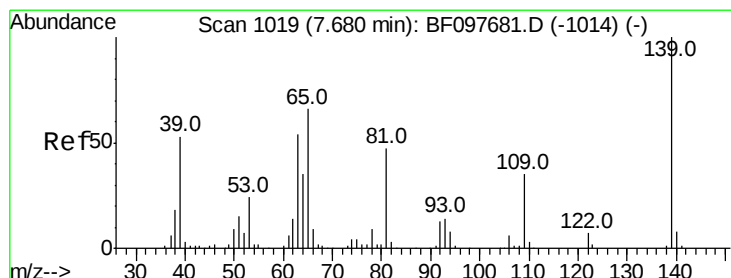
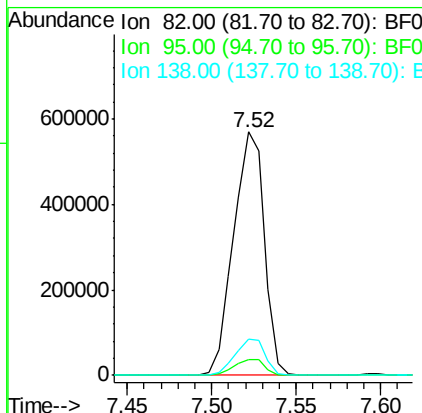
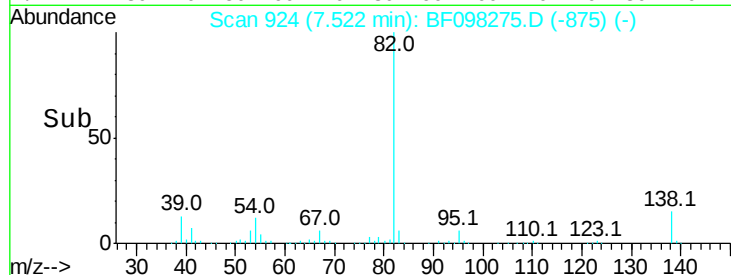
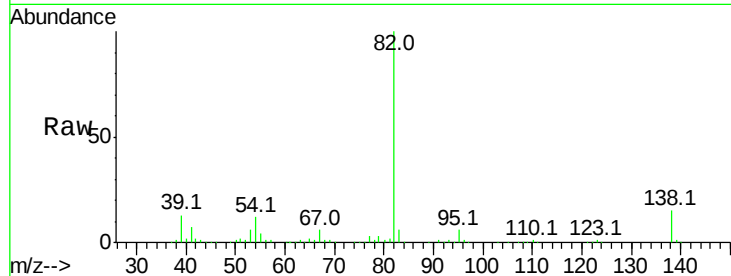
ClientSampleId :

PB102074BS

Tot Ion:	82	Resp:	722018
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.3	7.9
138	15.0	13.1	19.7

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#26

2-Nitrophenol

Concen: 51.279 ng

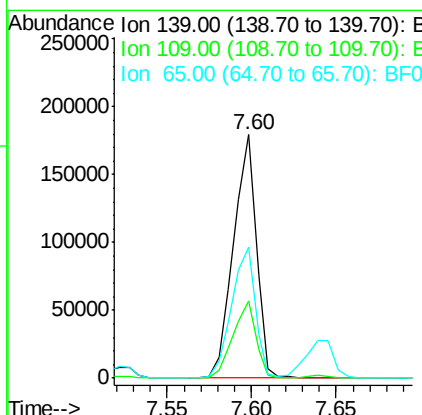
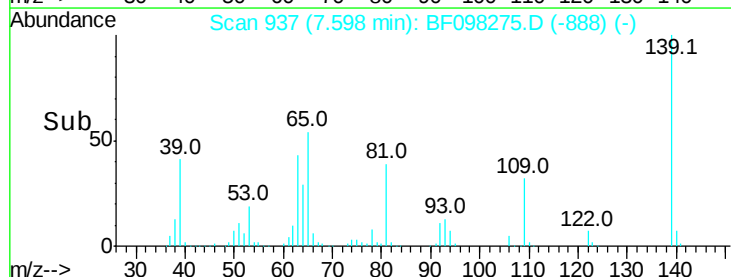
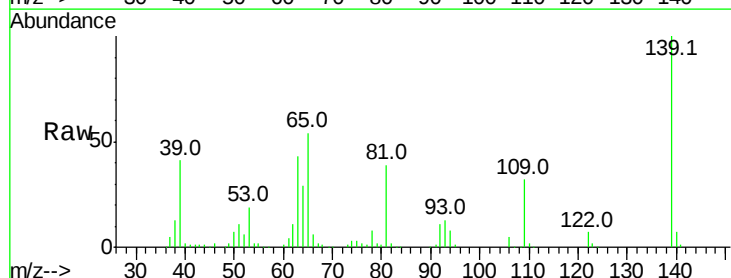
RT: 7.60 min Scan# 937

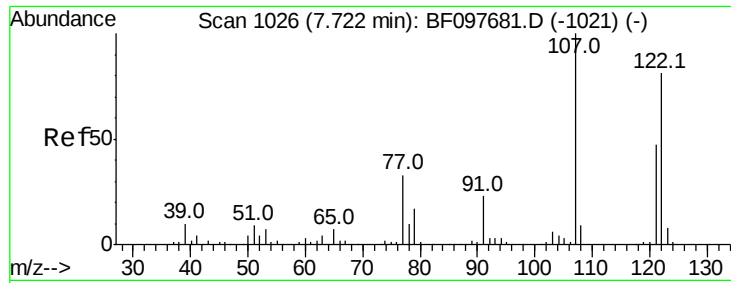
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	139	Resp:	169307
Ion Ratio		Lower	Upper
139	100		
109	31.6	21.0	31.6#
65	53.9	33.0	49.6#





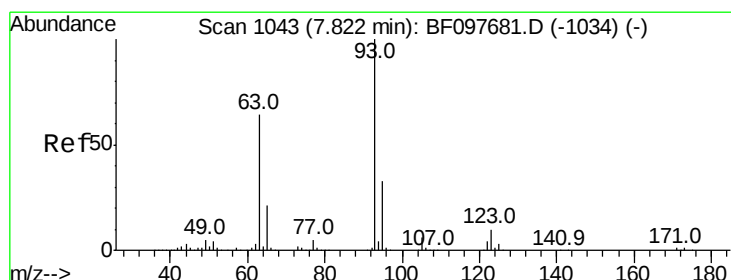
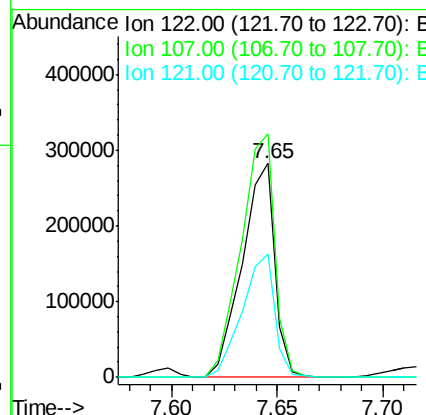
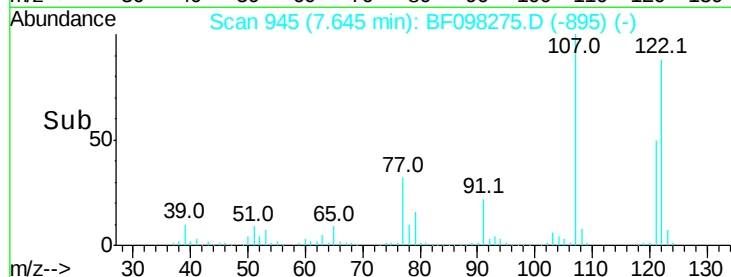
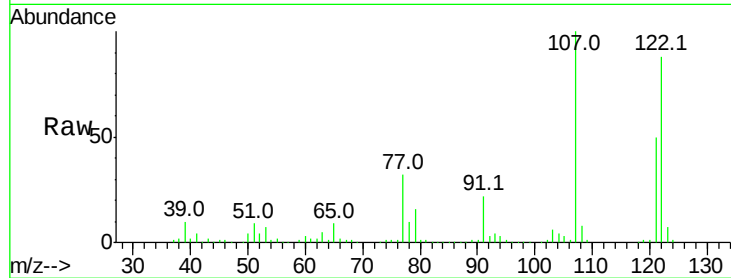
#27
 2,4-Dimethylphenol
 Concen: 43.139 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion:	122	Resp:	303811
Ion Ratio	Lower	Upper	
122	100		
107	113.8	89.2	133.8
121	57.3	45.2	67.8

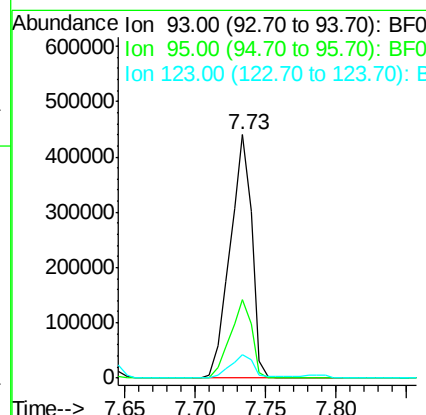
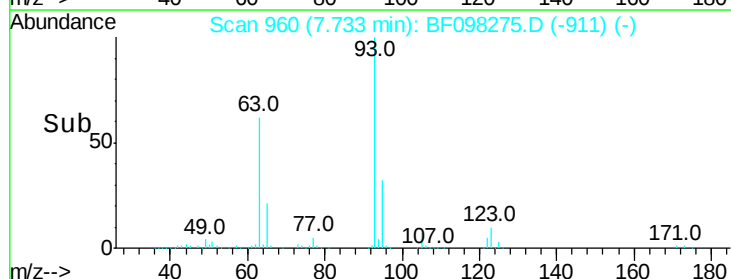
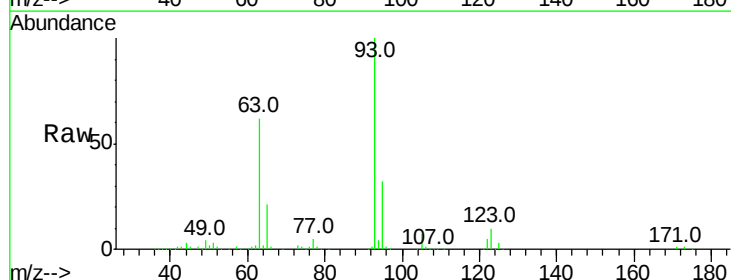
Manual Integrations
 APPROVED

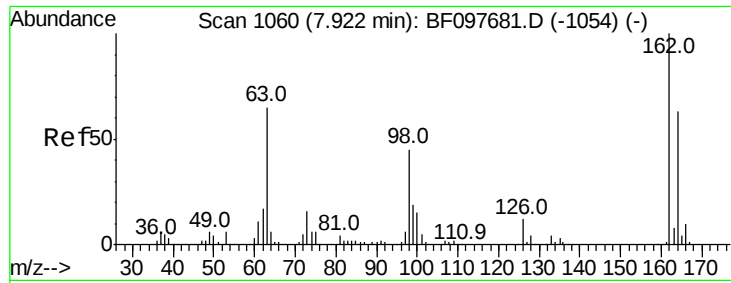
Sohil
 9/7/2017 5:44:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.151 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion:	93	Resp:	467945
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	9.7	9.0	13.4





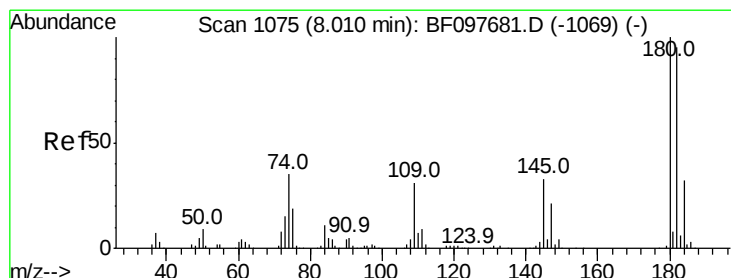
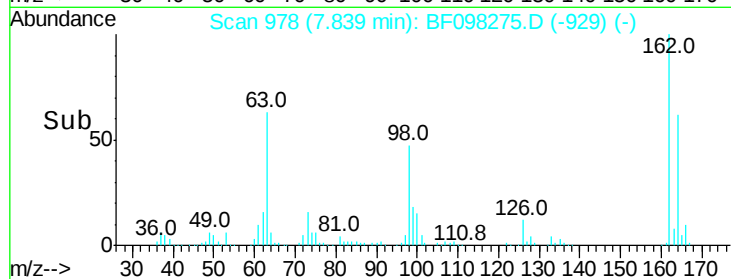
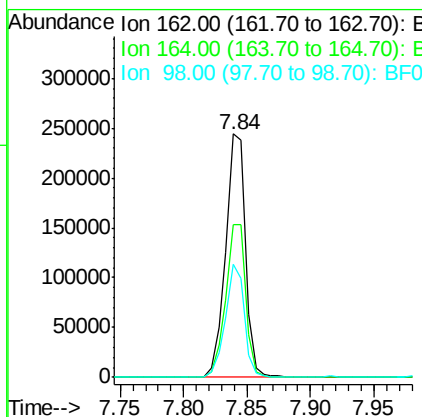
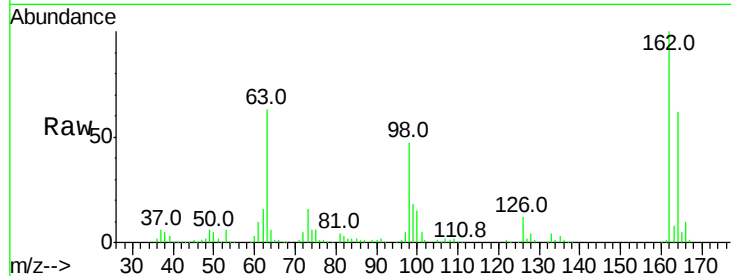
#29
 2,4-Dichlorophenol
 Concen: 45.180 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	264124		
164	62.5	44.6	84.6	
98	46.6	14.8	54.8	

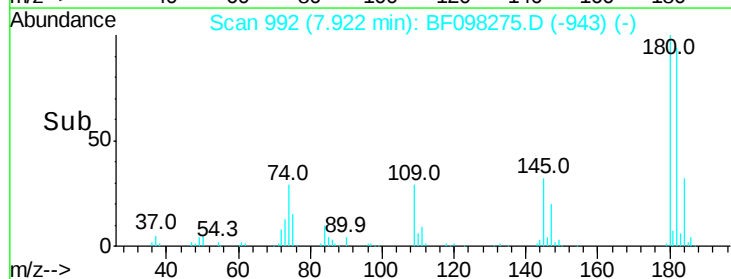
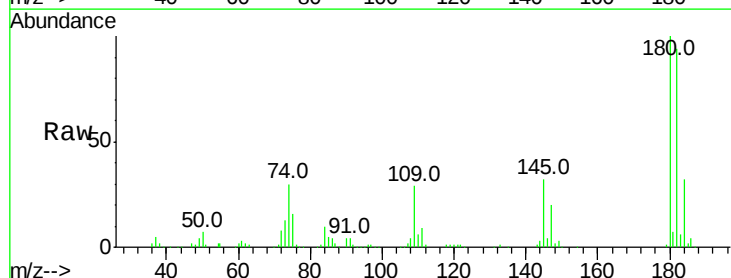
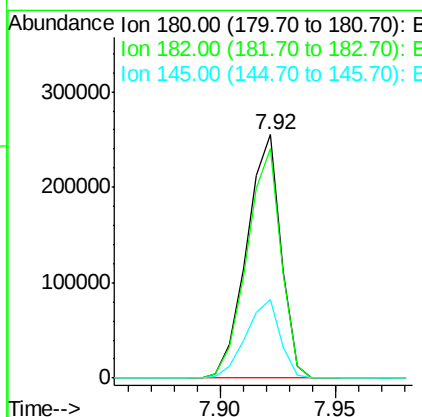
Manual Integrations
 APPROVED

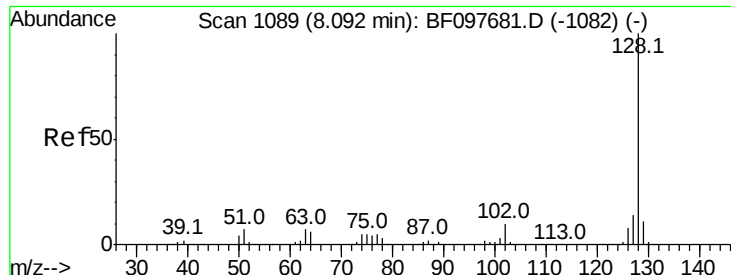
Sohil
 9/7/2017 5:44:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.621 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263251		
182	94.2	75.8	113.6	
145	32.0	25.3	37.9	





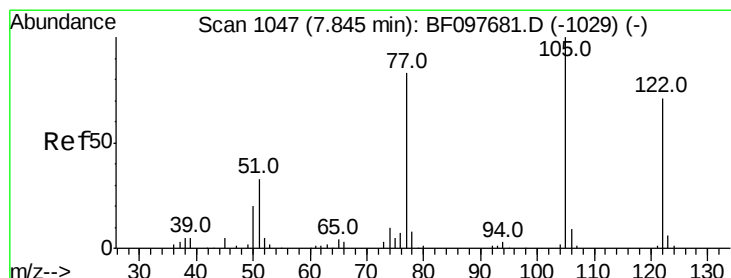
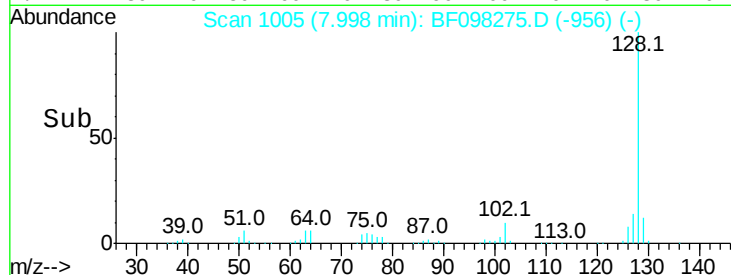
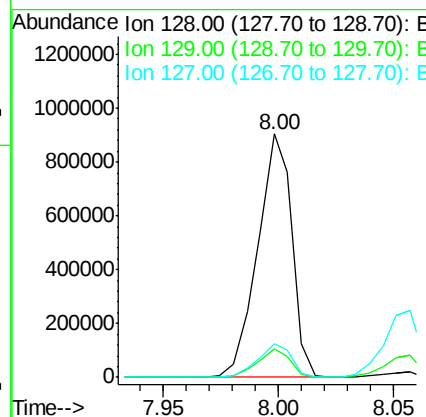
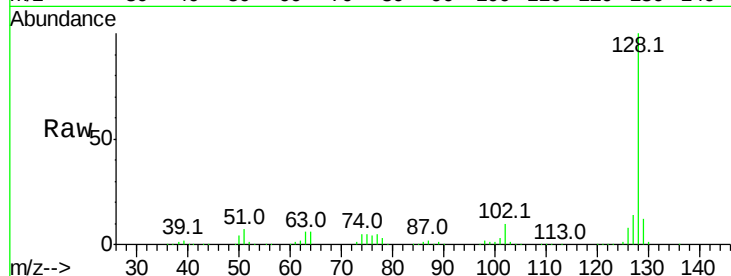
#31
Naphthalene
Concen: 40.732 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.0	13.6	
127	13.7	10.8	16.2	

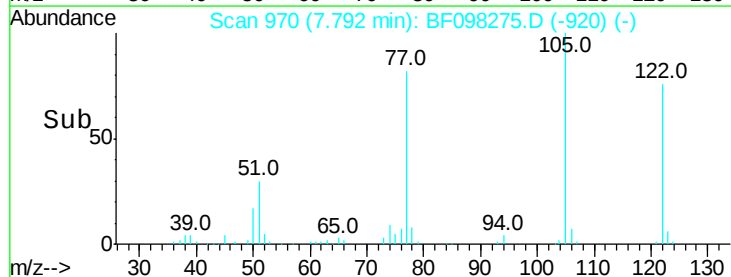
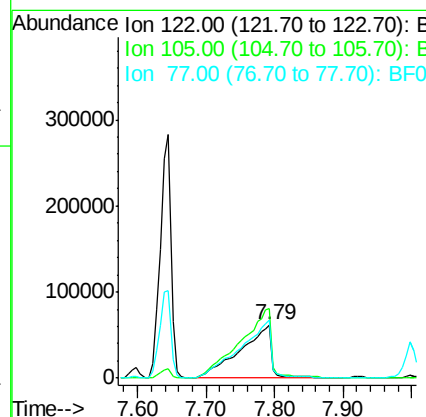
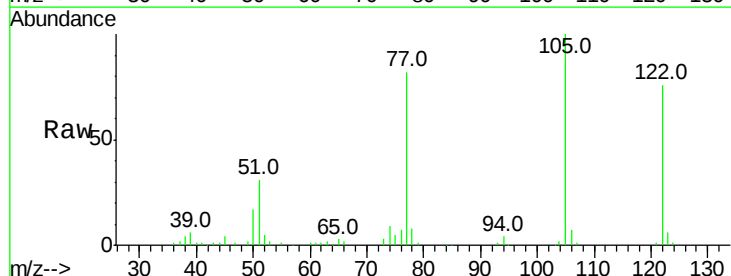
Manual Integrations
APPROVED

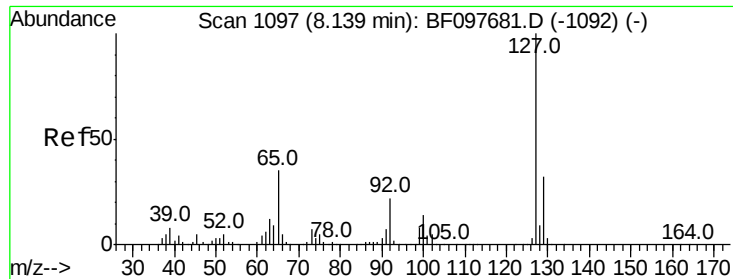
Sohil
9/7/2017 5:44:23 PM



#32
Benzoic acid
Concen: 39.286 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.1	103.3	143.3	
77	107.6	73.7	113.7	





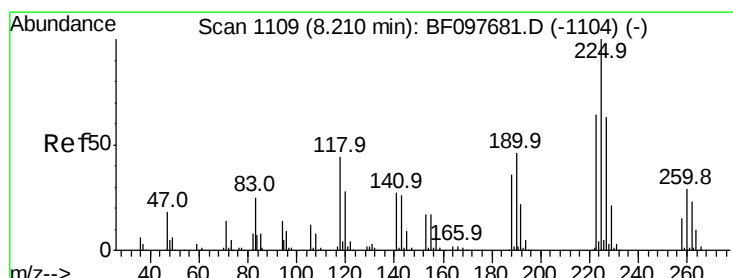
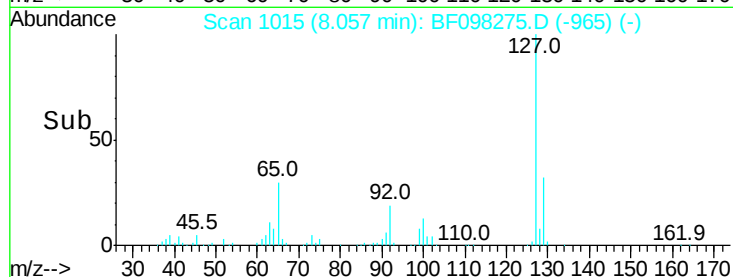
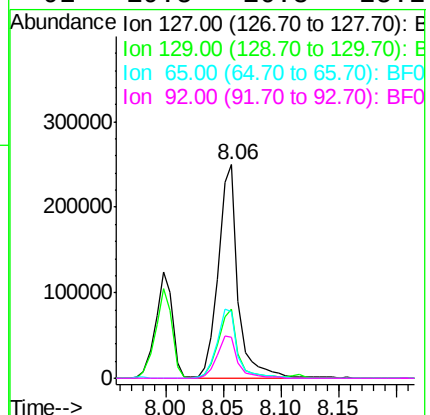
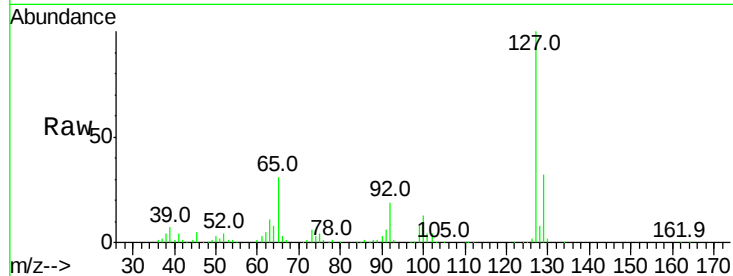
#33
4-Chloroaniline
Concen: 30.538 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.2	
65	31.1	27.8	41.8	
92	19.5	16.8	25.2	

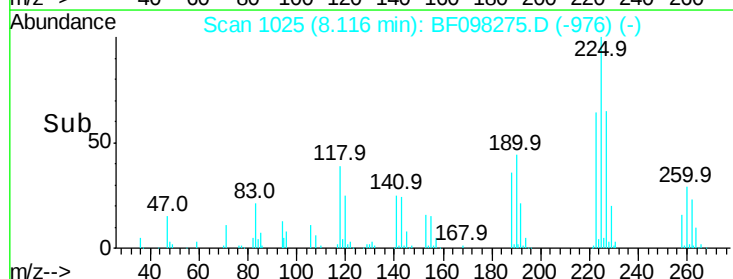
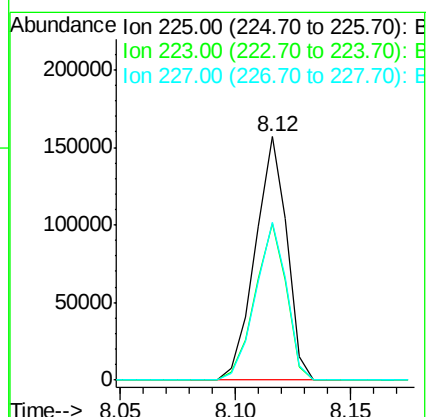
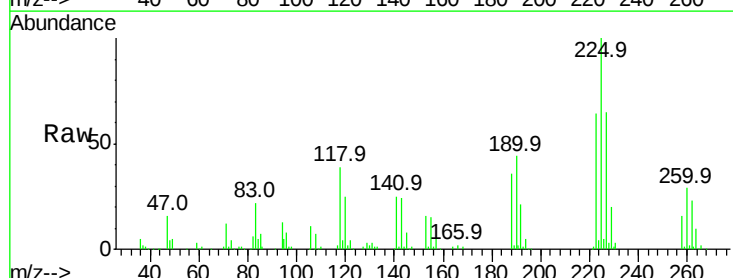
Manual Integrations
APPROVED

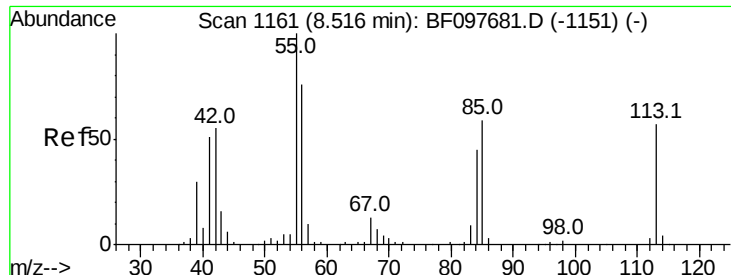
Sohil
9/7/2017 5:44:23 PM



#34
Hexachlorobutadiene
Concen: 39.649 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	48.8	73.2	
227	64.7	51.1	76.7	





#35

Caprolactam

Concen: 47.083 ng/ml

RT: 8.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleID :

PB102074BS

Tot Ion:113 Resp: 93573

Ion Ratio Lower Upper

113 100

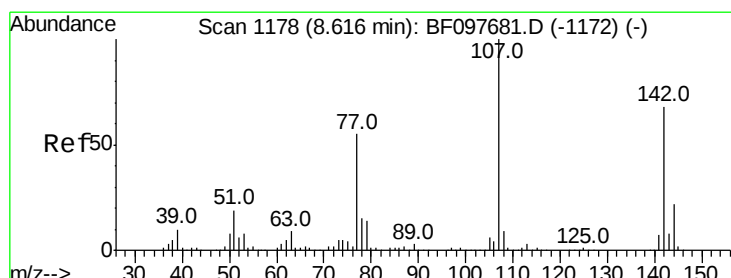
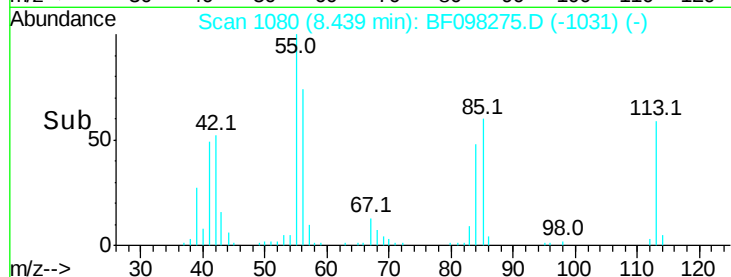
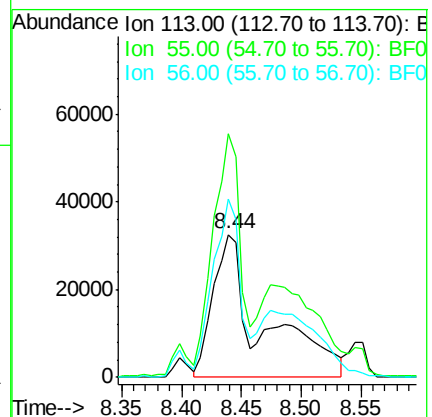
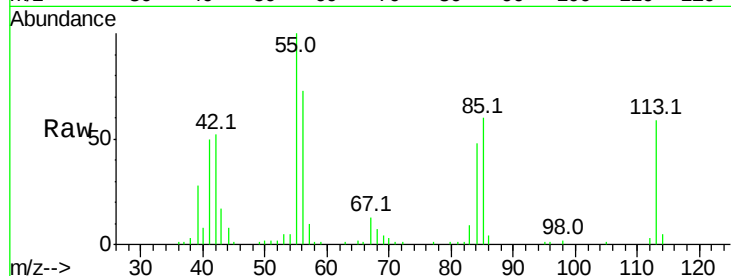
55 170.1 150.2 190.2

56 124.8 107.8 147.8

Manual Integrations
APPROVED

Sohil

9/7/2017 5:44:23 PM



#36

4-Chloro-3-methylphenol

Concen: 42.848 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

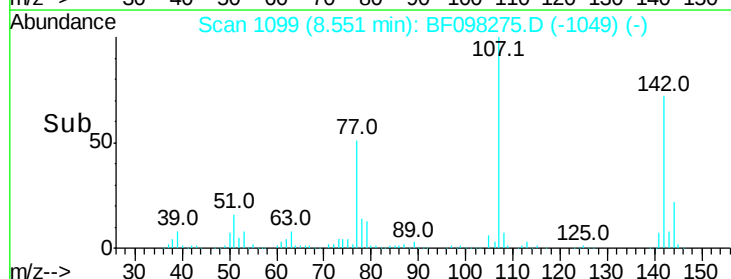
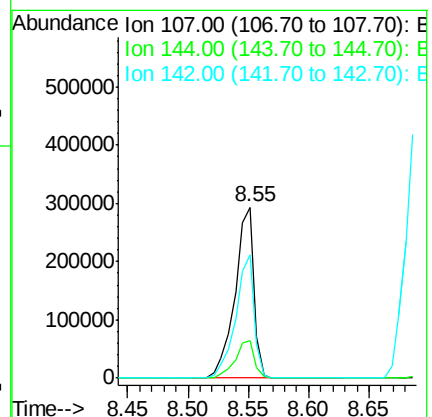
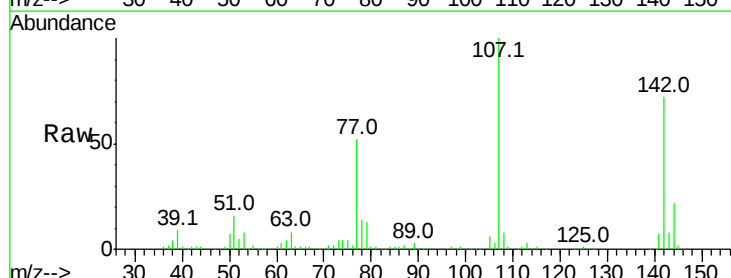
Tgt Ion:107 Resp: 321835

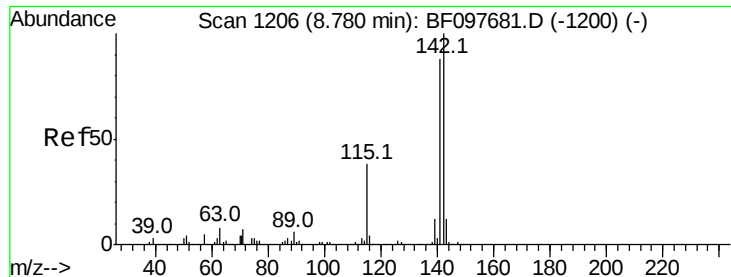
Ion Ratio Lower Upper

107 100

144 21.7 24.2 36.4#

142 71.9 73.4 110.0#





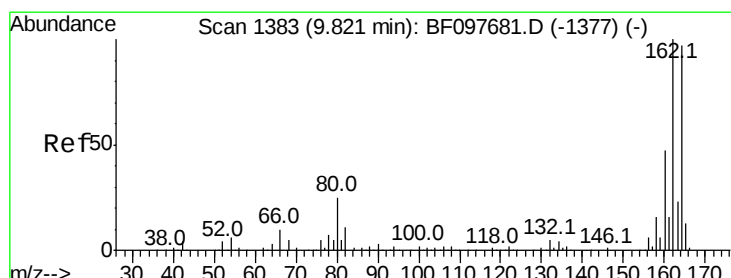
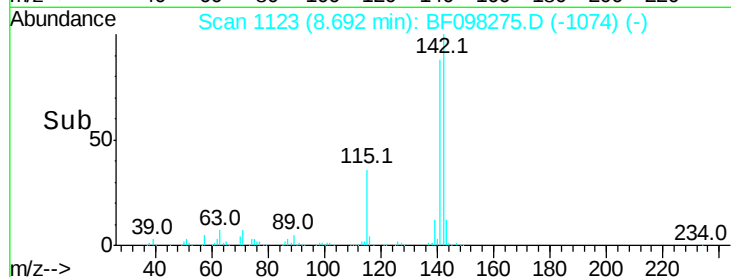
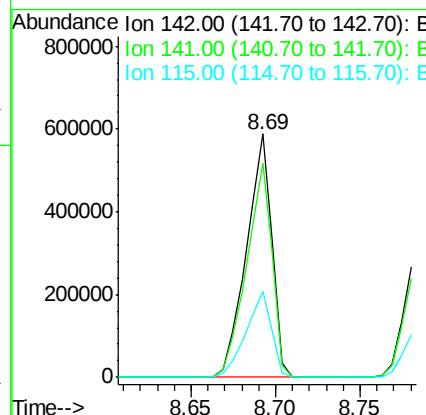
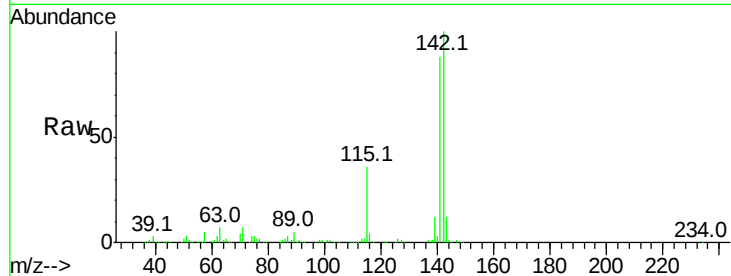
#37
2-Methylnaphthalene
Concen: 43.967 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	35.6	27.1	40.7

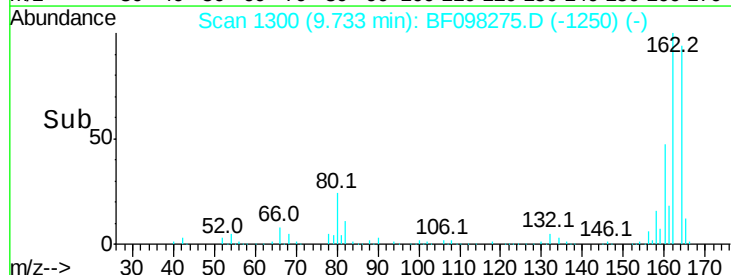
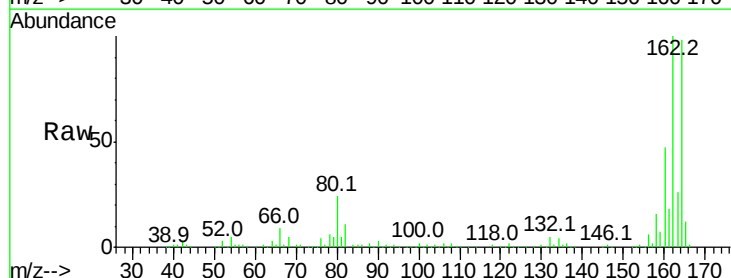
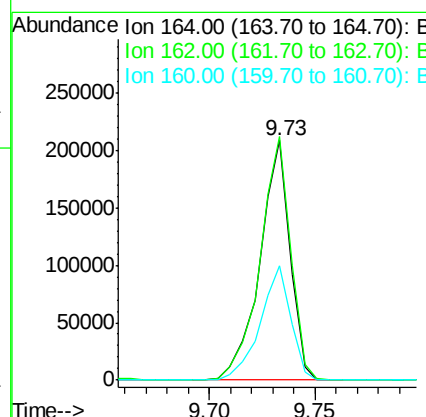
Manual Integrations
APPROVED

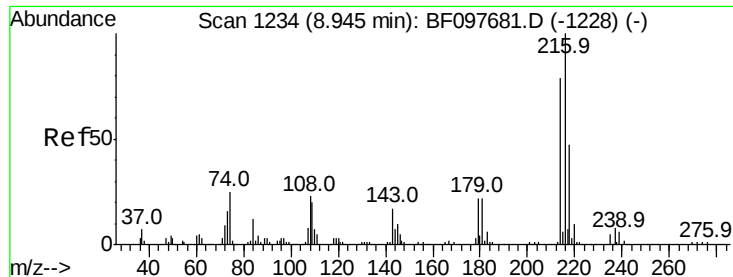
Sohil
9/7/2017 5:44:23 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	47.5	36.2	54.2





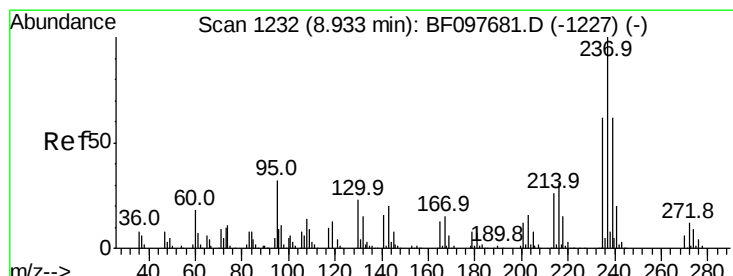
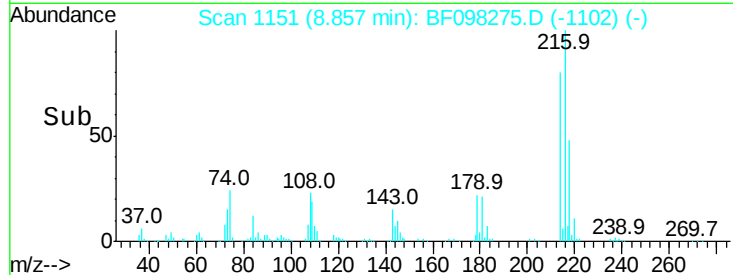
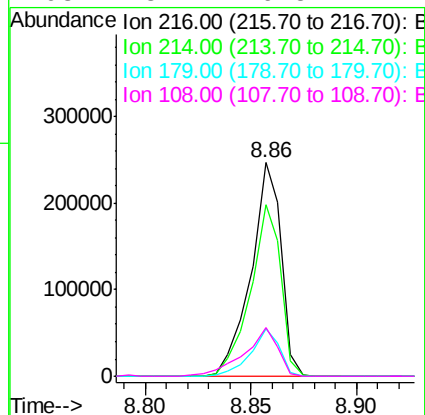
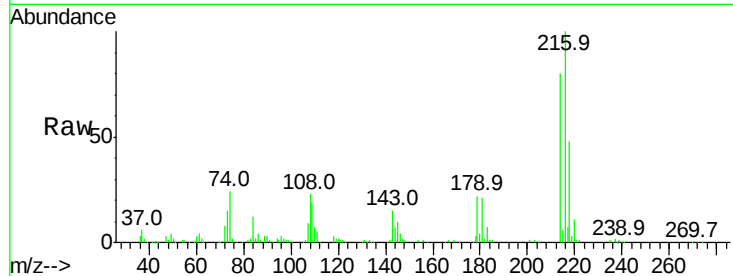
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.408 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.6	63.4	95.2
179	21.5	17.9	26.9
108	25.4	16.5	24.7#

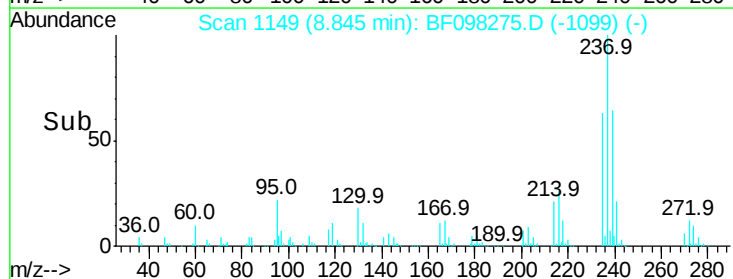
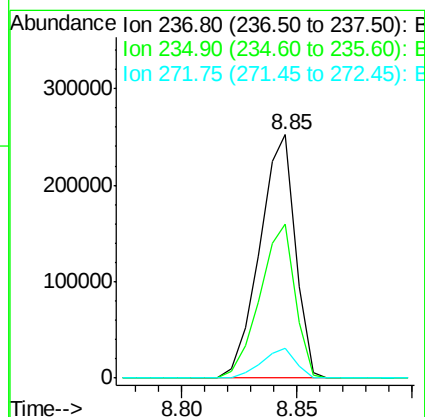
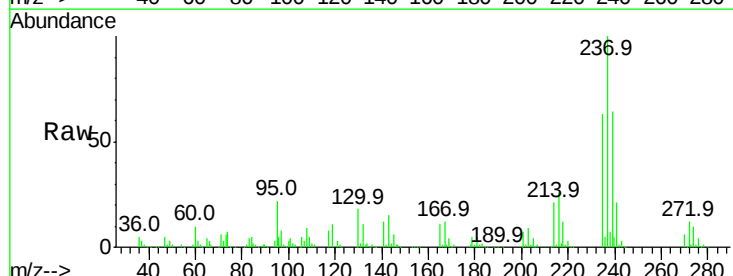
Manual Integrations
 APPROVED

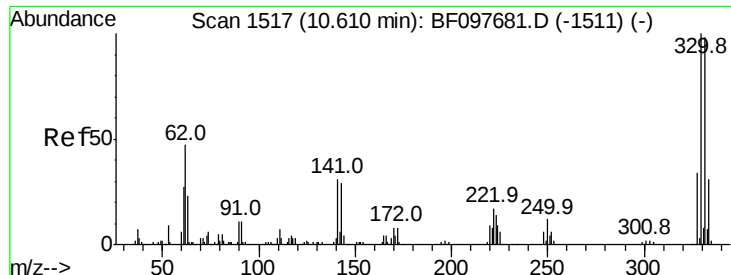
Sohil
 9/7/2017 5:44:23 PM



#40
 Hexachlorocyclopentadiene
 Concen: 88.359 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	42.6	82.6
272	12.3	0.0	31.9





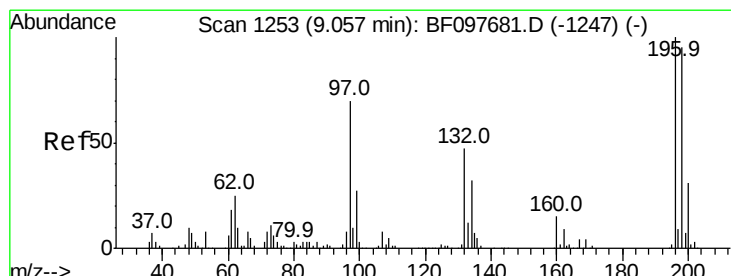
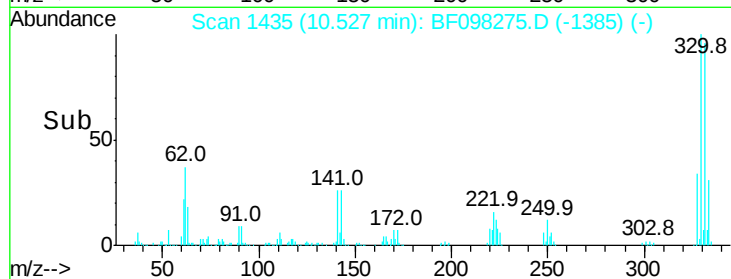
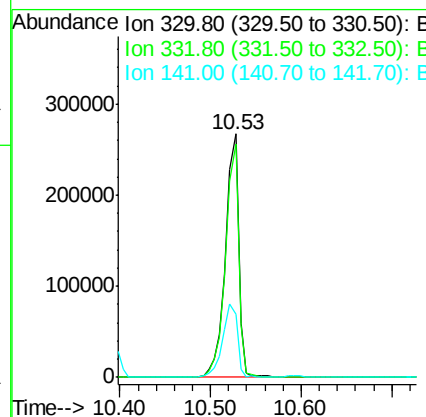
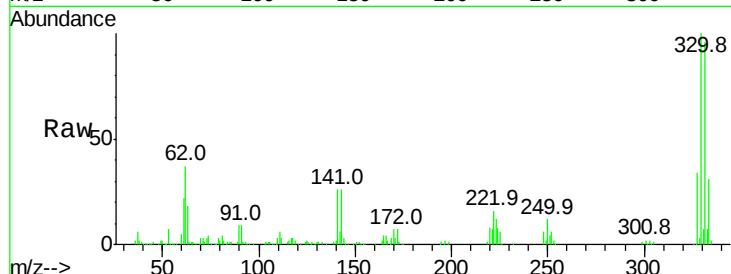
#41
 2,4,6-Tribromophenol
 Concen: 149.548 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	269657		
332	95.8	76.6	115.0	
141	33.7	31.4	47.2	

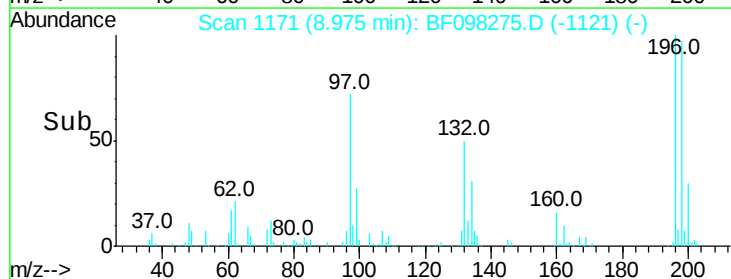
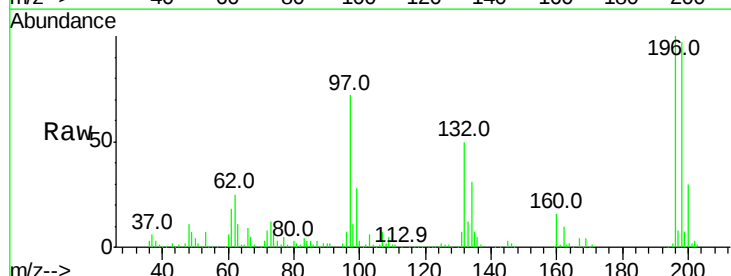
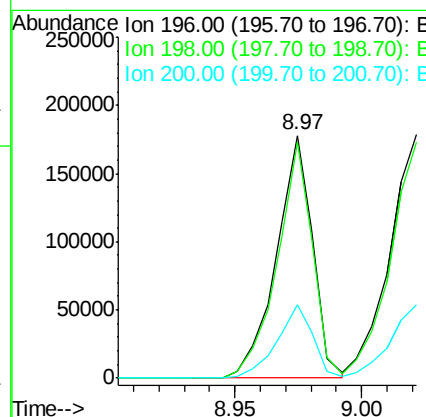
Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.601 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178132		
198	97.1	74.2	111.4	
200	30.1	24.0	36.0	





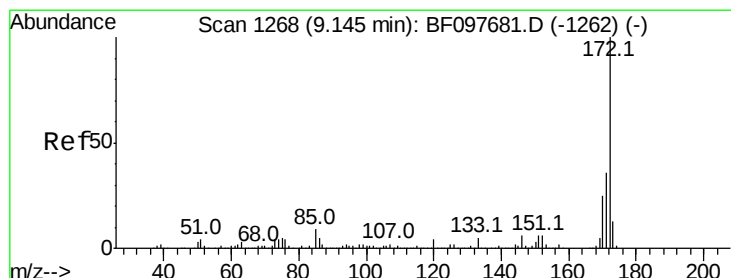
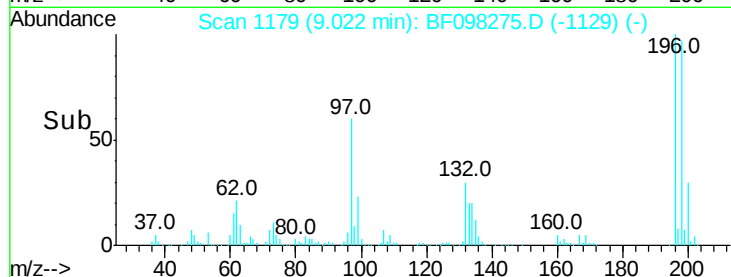
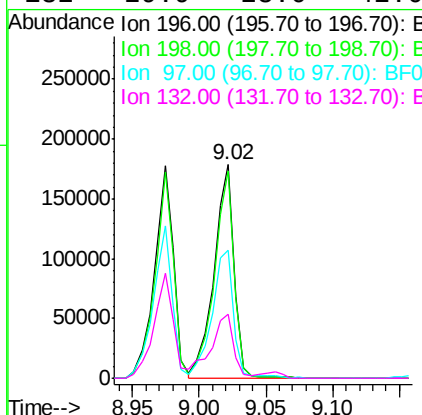
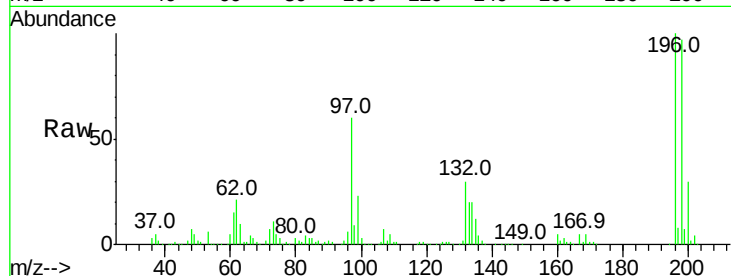
#43
 2,4,5-Trichlorophenol
 Concen: 44.632 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	196	Resp	189593
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.7	113.5
97	59.9	47.7	71.5
132	29.9	28.0	42.0

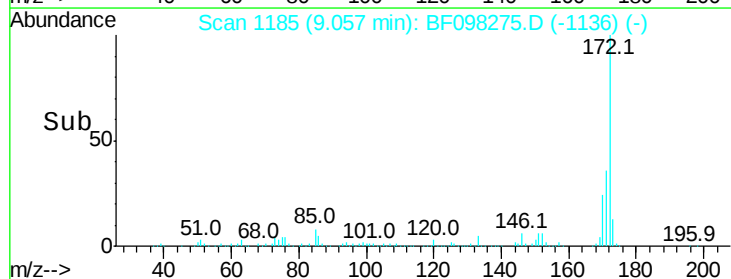
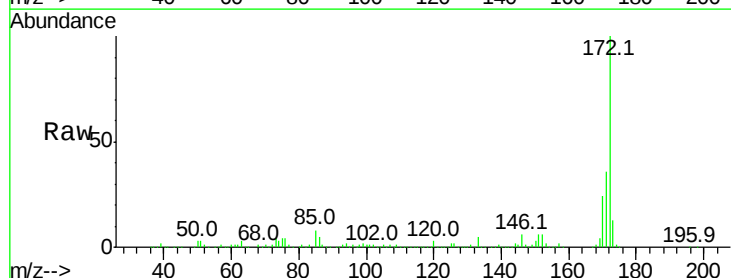
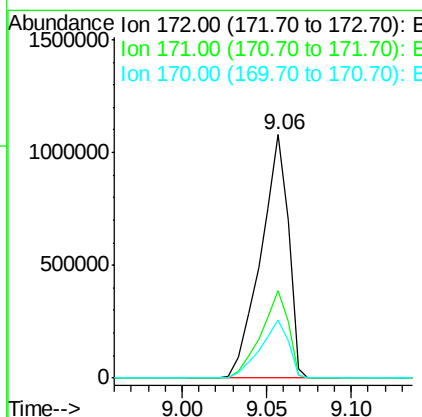
Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM



#44
 2-Fluorobiphenyl
 Concen: 86.182 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	172	Resp	1219025
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.859 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

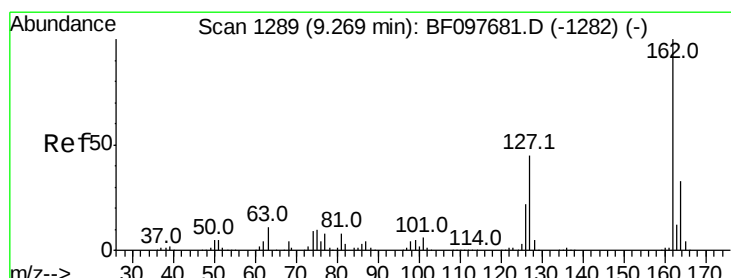
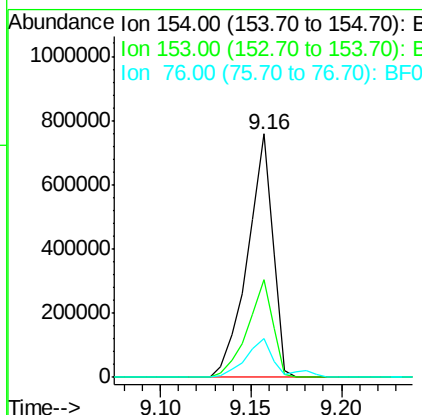
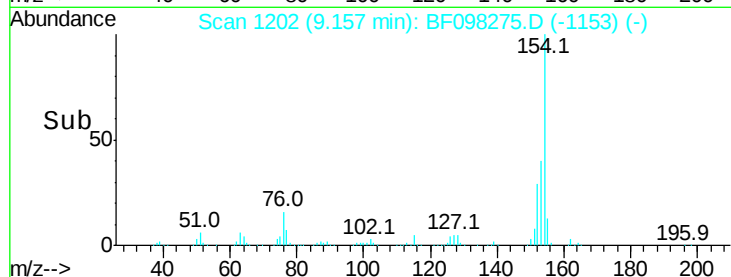
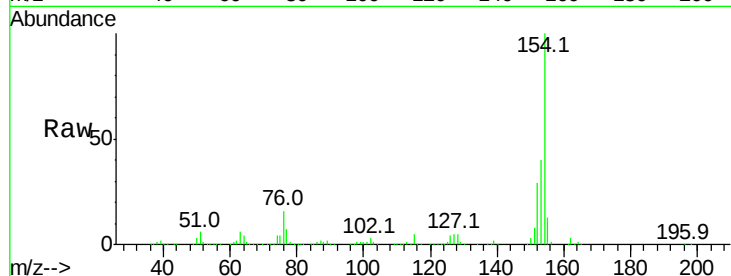
ClientSampleId :

PB102074BS

Tot Ion:	154	Resp:	736409
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.2	61.2
76	16.0	0.0	29.9

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#46

2-Chloronaphthalene

Concen: 38.568 ng

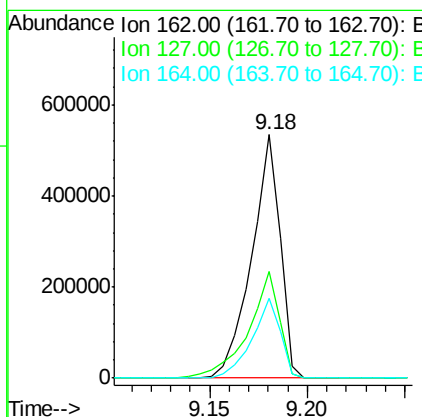
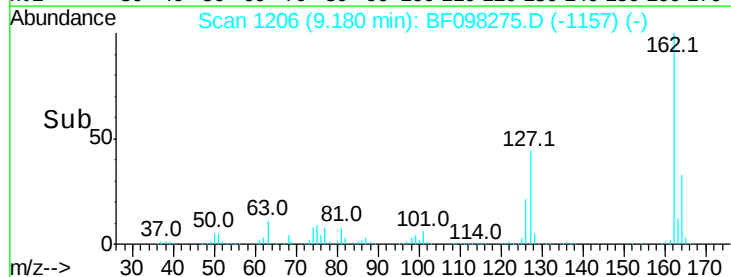
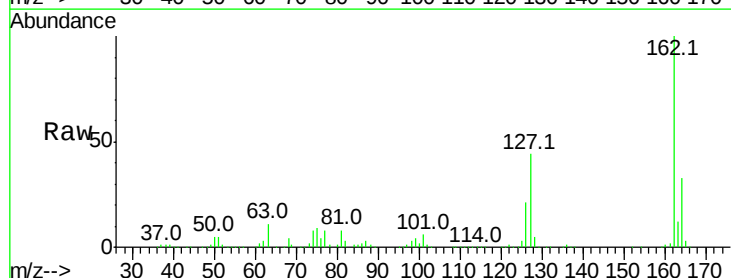
RT: 9.18 min Scan# 1206

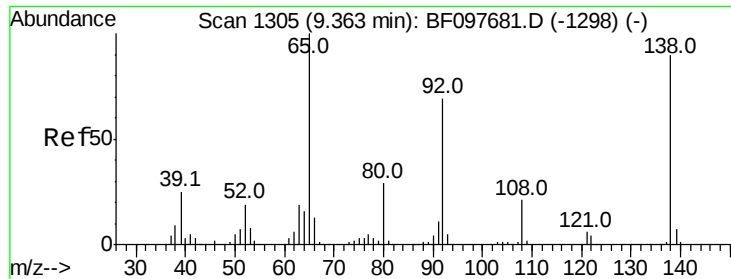
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	162	Resp:	540046
Ion Ratio	Lower	Upper	
162	100		
127	43.6	28.3	42.5#
164	32.5	27.0	40.4





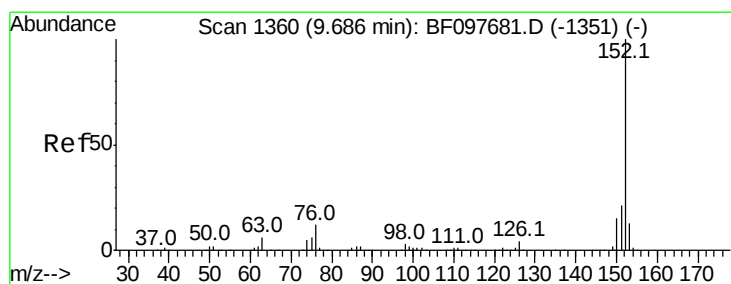
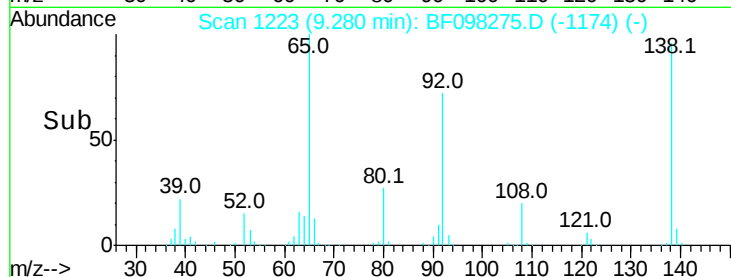
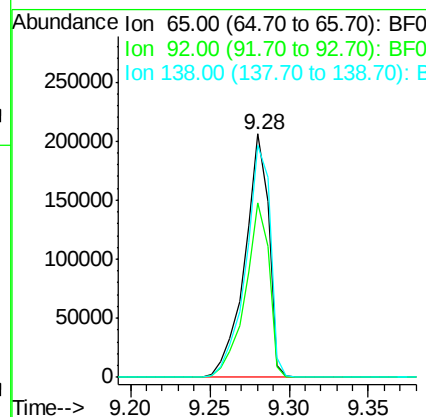
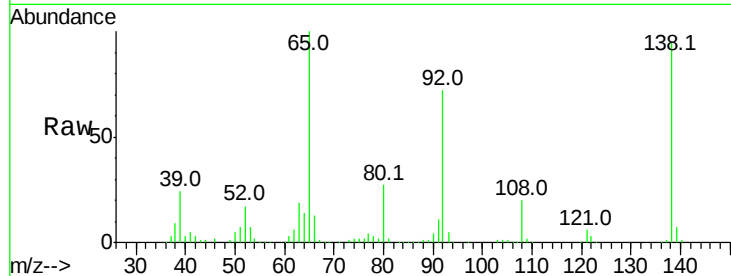
#47
2-Nitroaniline
Concen: 45.650 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	95.3	78.8	118.2

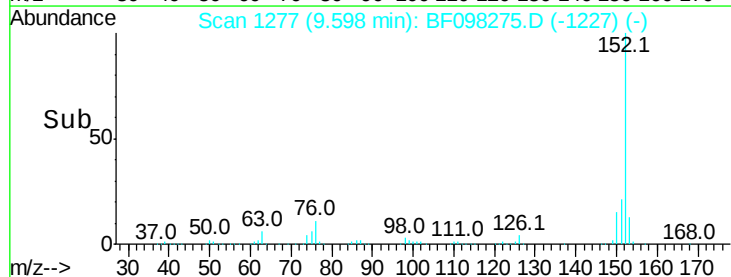
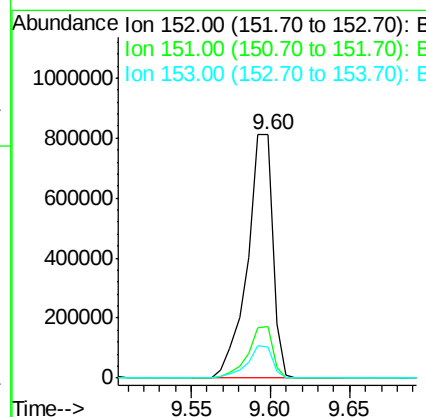
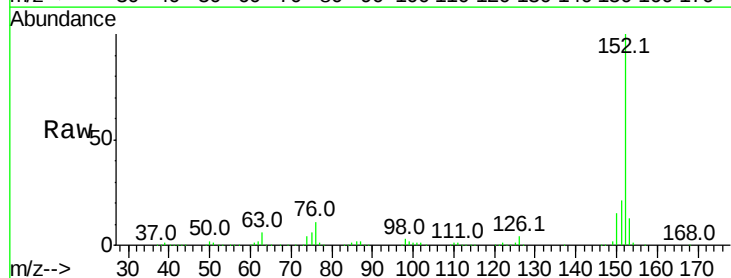
Manual Integrations
APPROVED

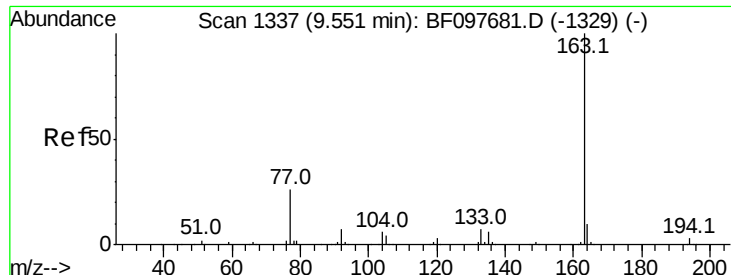
Sohil
9/7/2017 5:44:23 PM



#48
Acenaphthylene
Concen: 40.860 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.0	10.8	16.2





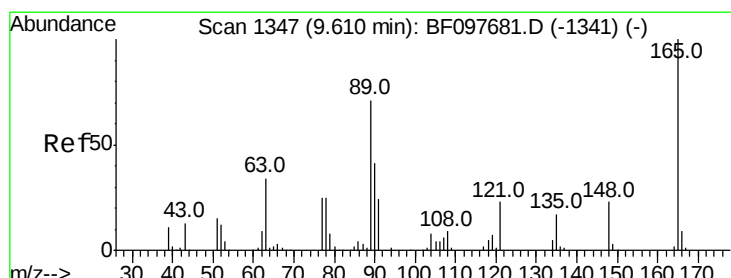
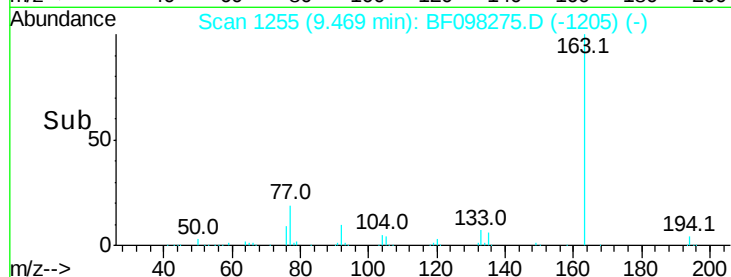
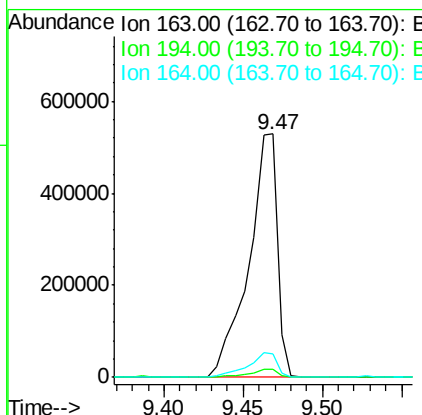
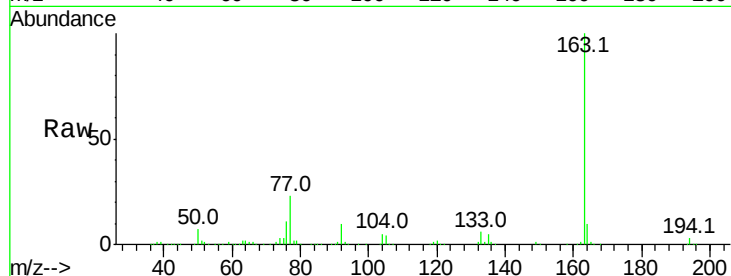
#49
 Dimethylphthalate
 Concen: 43.969 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.7	8.4	12.6	

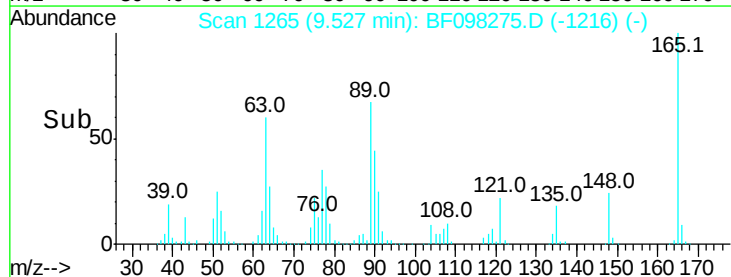
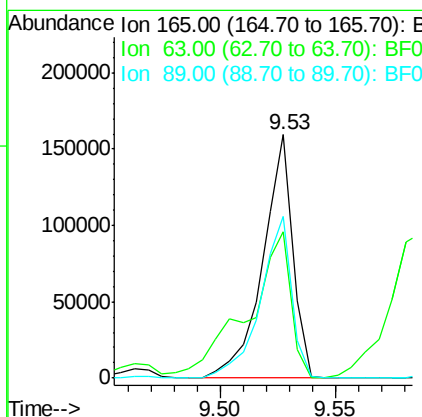
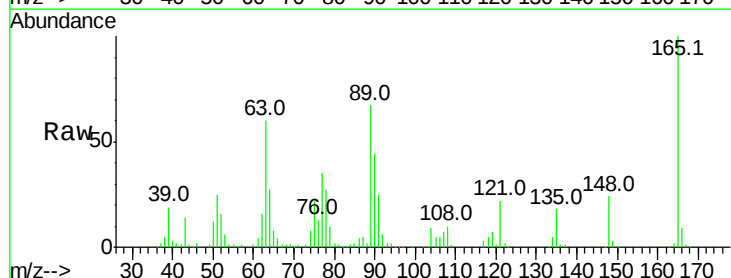
Manual Integrations
 APPROVED

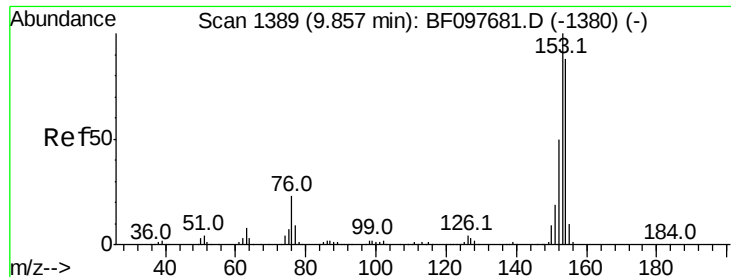
Sohil
 9/7/2017 5:44:23 PM



#50
 2,6-Dinitrotoluene
 Concen: 47.619 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.9	34.3	51.5#	
89	66.6	37.1	55.7#	





#51

Acenaphthene

Concen: 38.451 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

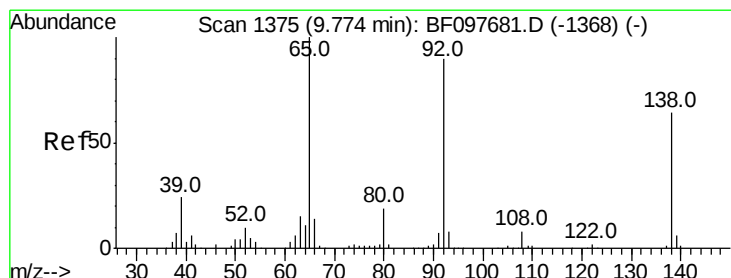
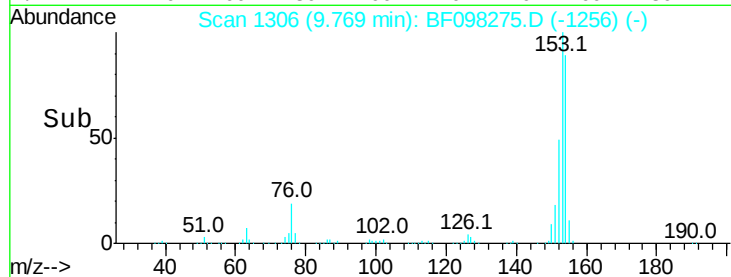
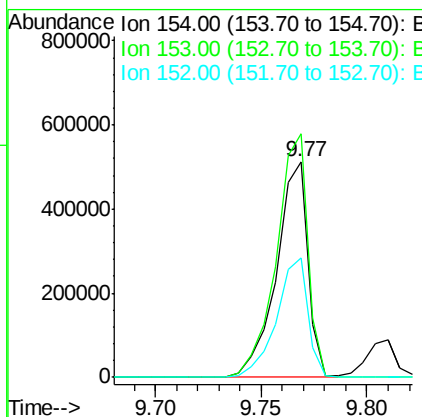
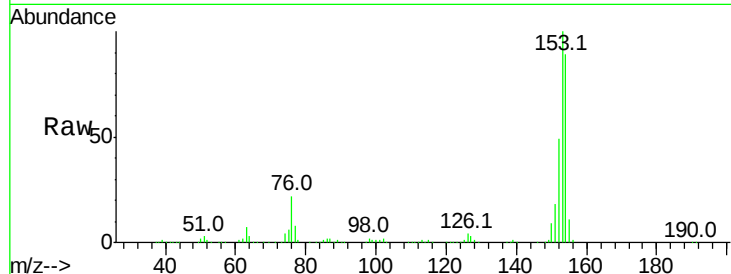
ClientSampleId :

PB102074BS

Tot Ion:	154	Resp:	533232
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	55.3	43.6	65.4

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#52

3-Nitroaniline

Concen: 35.409 ng

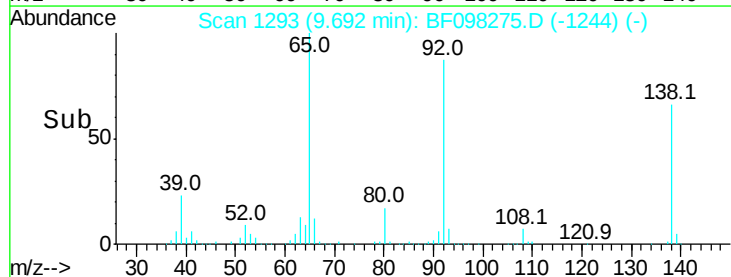
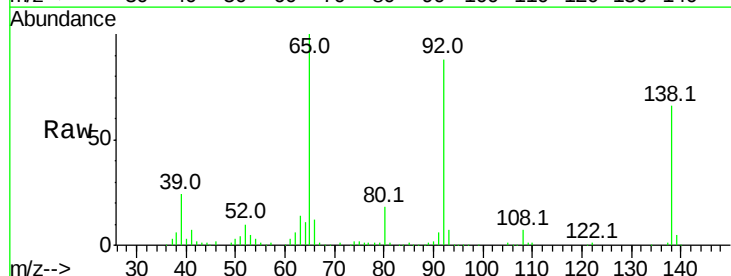
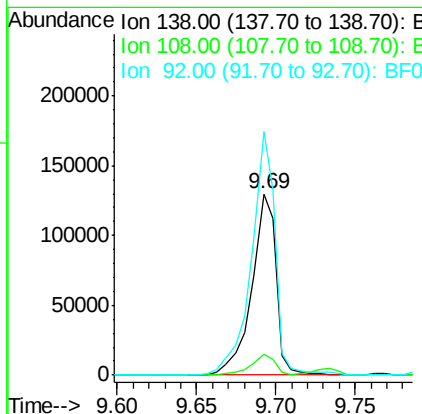
RT: 9.69 min Scan# 1293

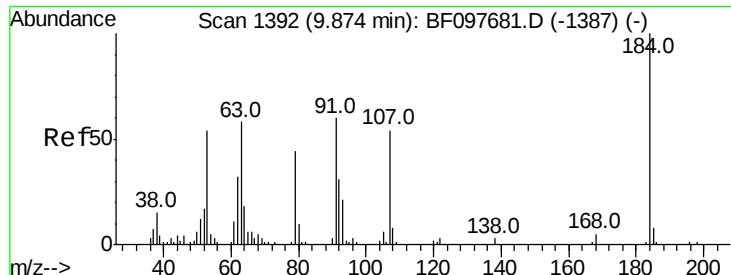
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	138	Resp:	138525
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.1	13.7
92	134.4	93.8	140.6





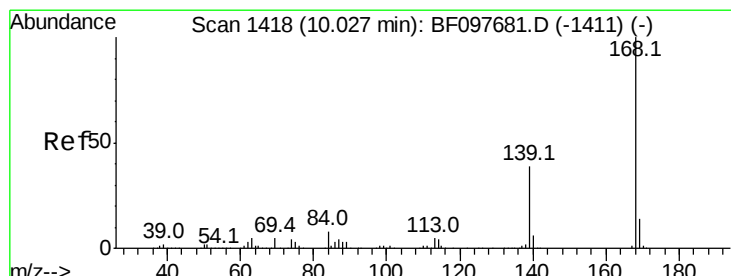
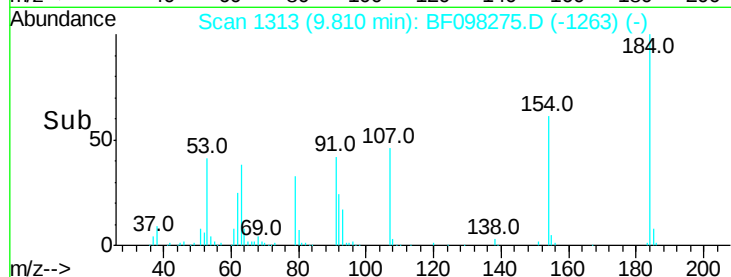
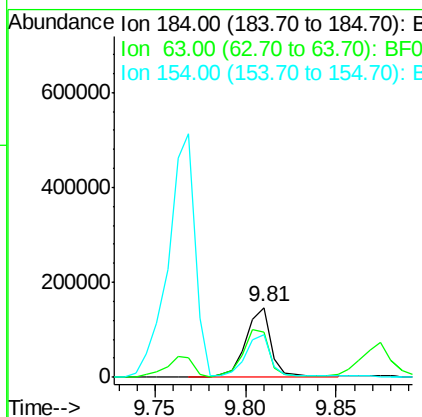
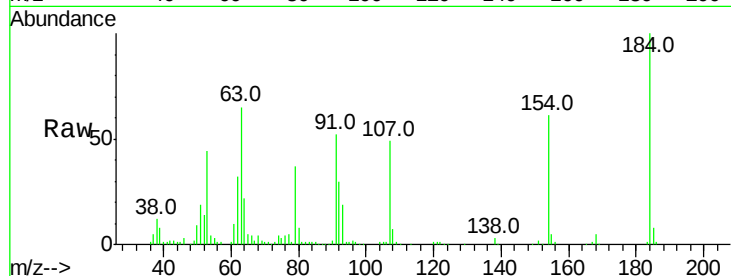
#53
 2,4-Dinitrophenol
 Concen: 98.746 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	146354		
63	65.0	62.7	94.1	
154	61.3	81.1	121.7#	

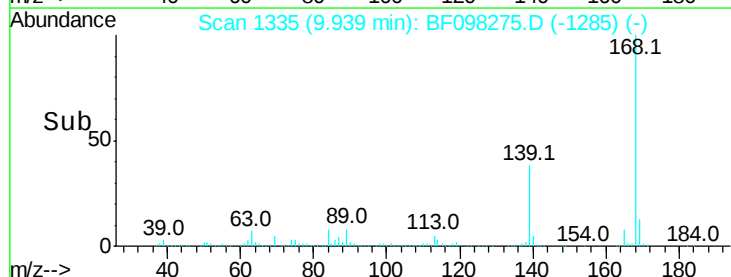
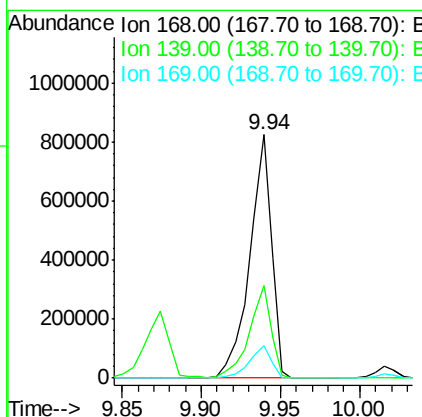
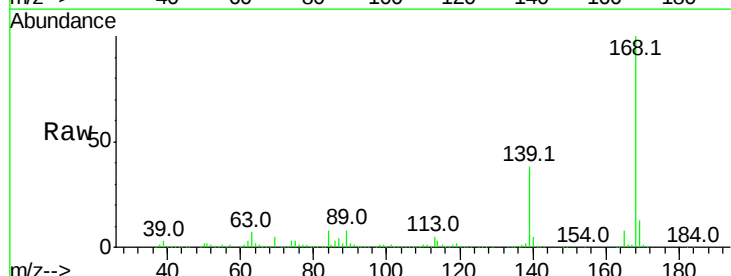
Manual Integrations
 APPROVED

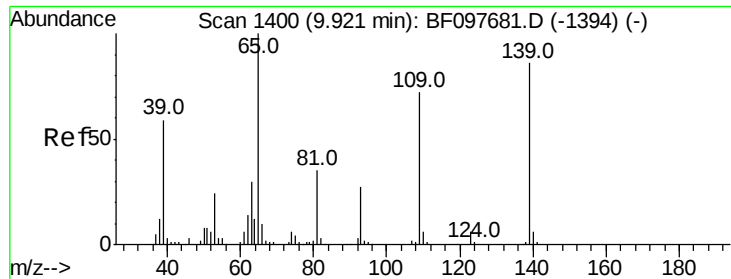
Sohil
 9/7/2017 5:44:23 PM



#54
 Dibenzofuran
 Concen: 42.247 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	785220		
139	37.9	30.6	45.8	
169	13.5	10.8	16.2	





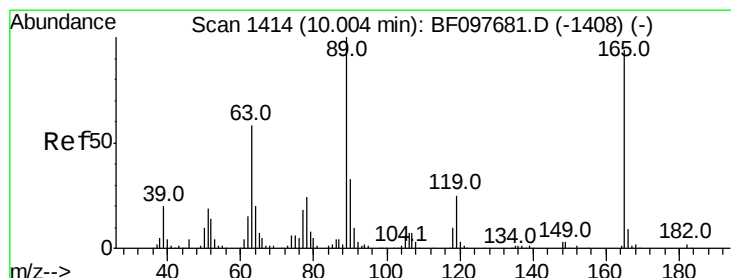
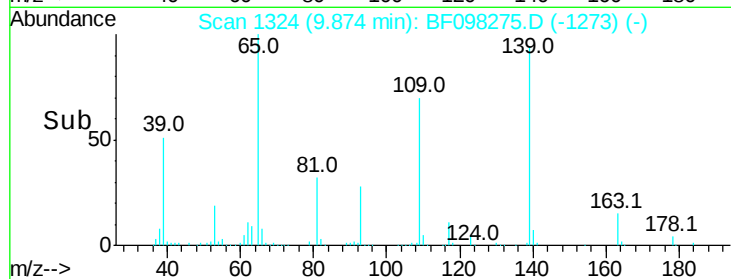
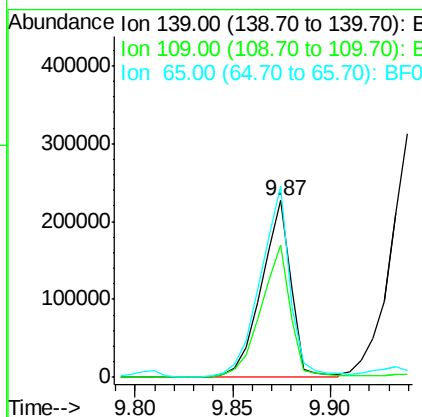
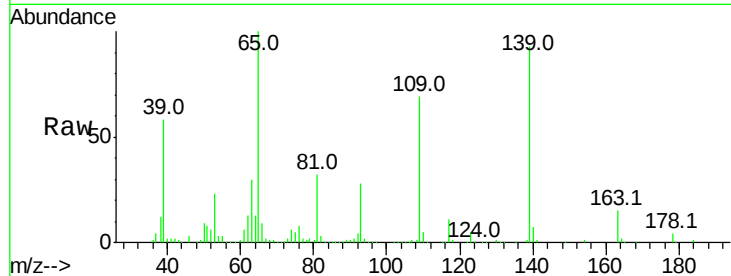
#55
4-Nitrophenol
Concen: 76.630 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.9	34.1	74.1#	
65	107.7	31.4	71.4#	

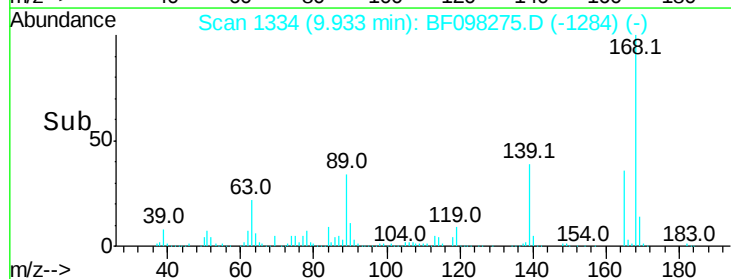
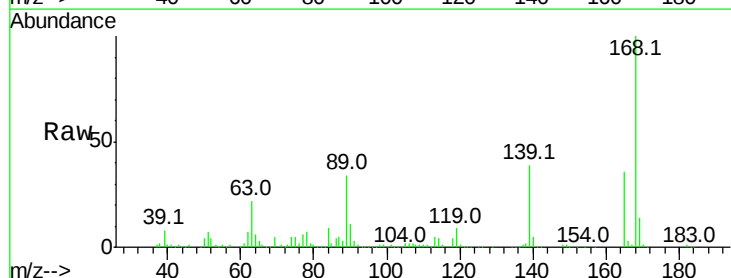
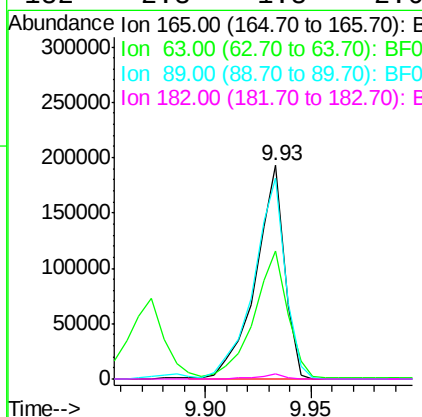
Manual Integrations
APPROVED

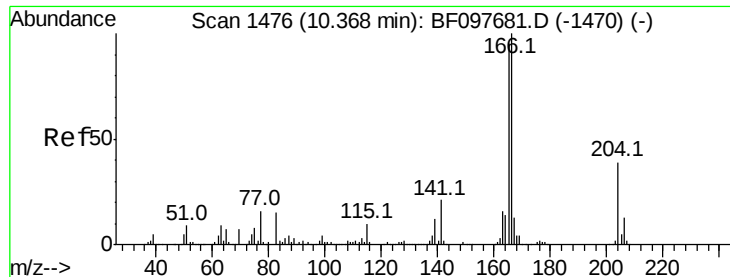
Sohil
9/7/2017 5:44:23 PM



#56
2,4-Dinitrotoluene
Concen: 48.580 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.2	25.4	38.0#	
89	94.3	46.4	69.6#	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 42.268 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

PB102074BS

Tot Ion:166 Resp: 607379

Ion Ratio Lower Upper

166 100

165 94.9 78.8 118.2

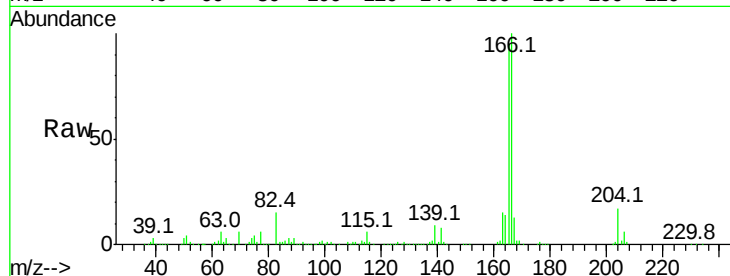
167 13.5 10.6 16.0

Manual Integrations

APPROVED

Sohil

9/7/2017 5:44:23 PM

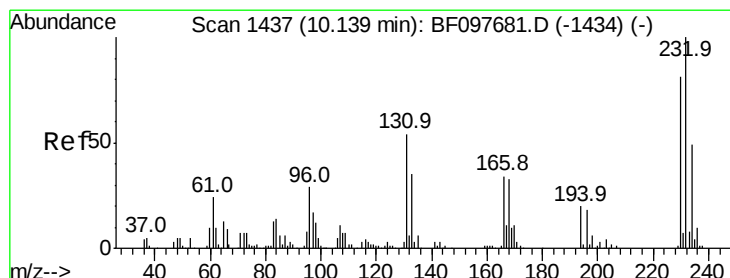
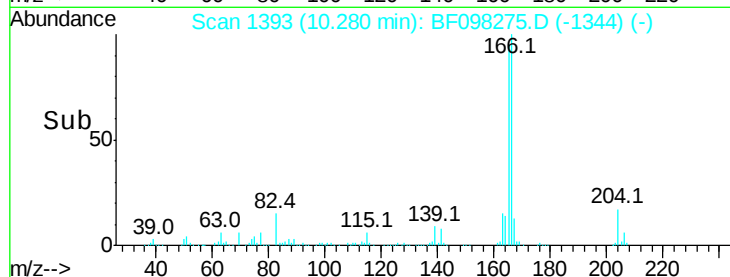
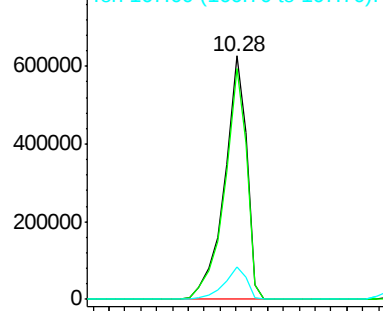


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.265 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:232 Resp: 162028

Ion Ratio Lower Upper

232 100

131 49.8 44.8 67.2

130 2.6 2.3 3.5

166 31.2 29.0 43.4

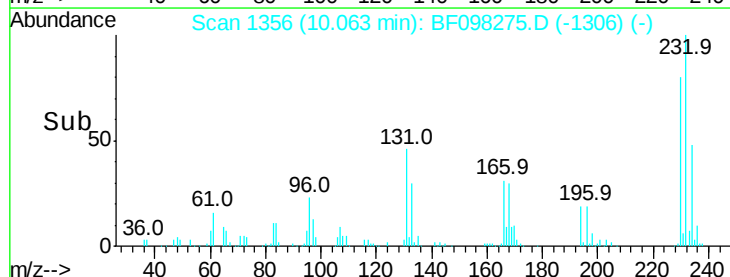
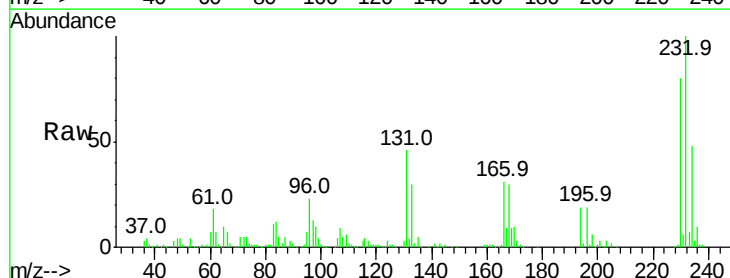
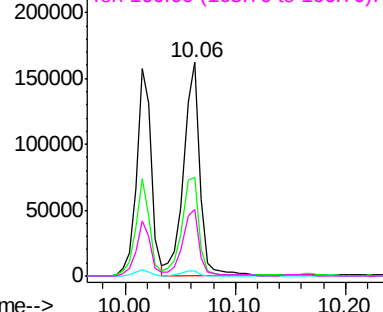
Abundance

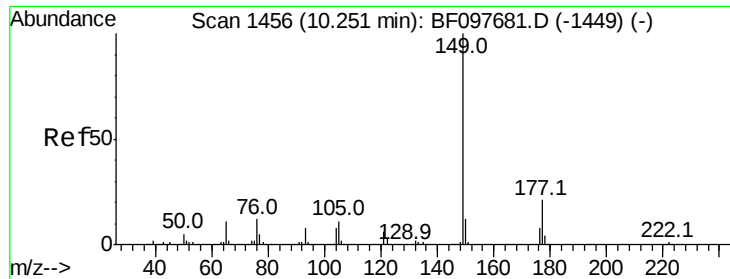
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





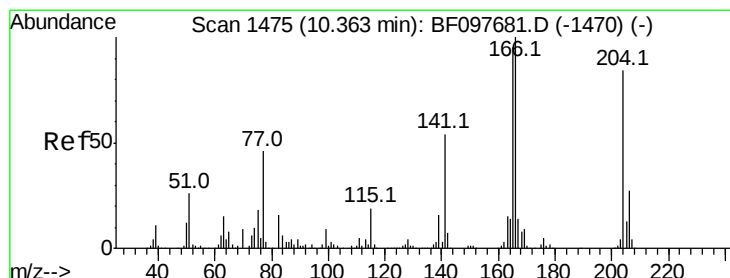
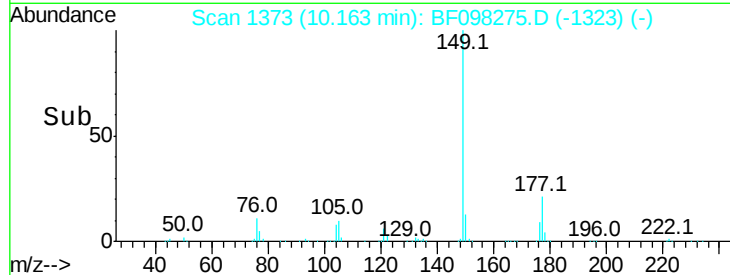
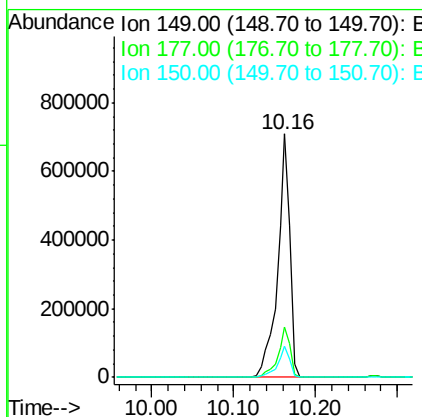
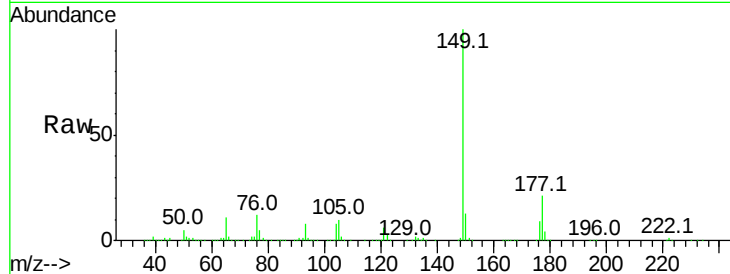
#59
Diethylphthalate
Concen: 46.143 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	733012		
177	20.8	16.7	25.1	
150	12.8	10.2	15.2	

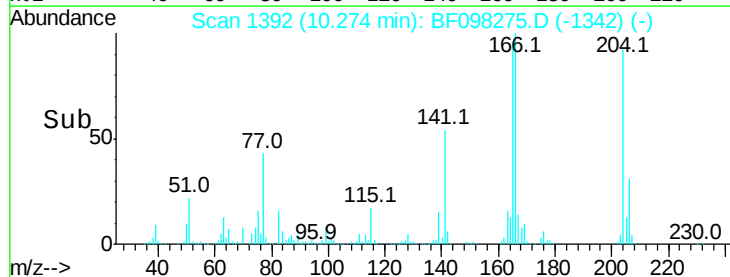
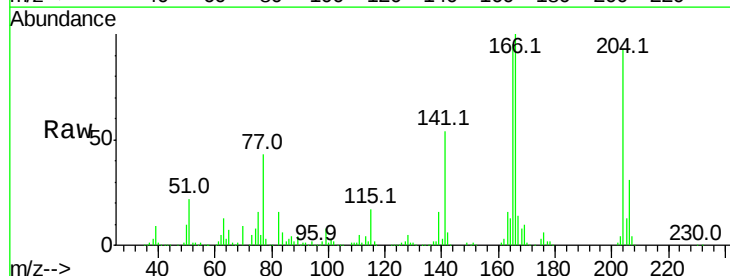
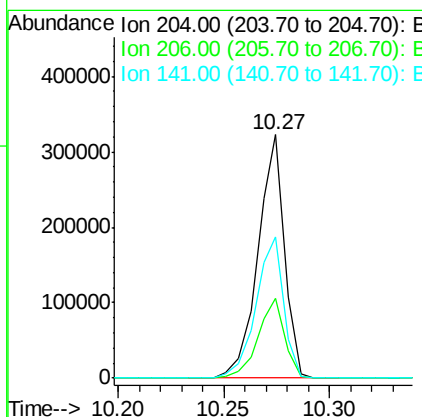
Manual Integrations
APPROVED

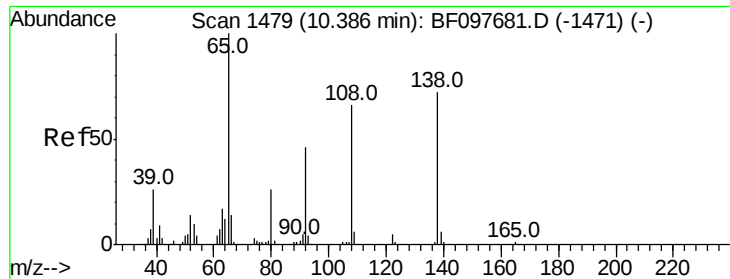
Sohil
9/7/2017 5:44:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.314 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282482		
206	32.9	26.2	39.2	
141	57.9	60.8	91.2#	





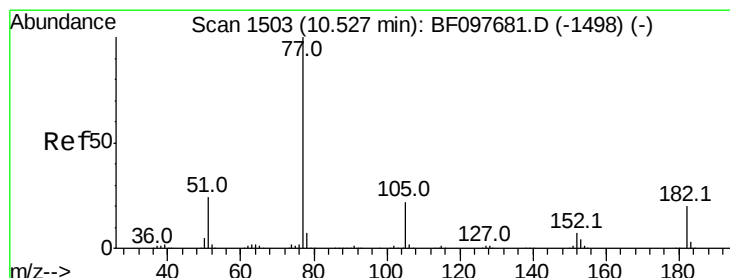
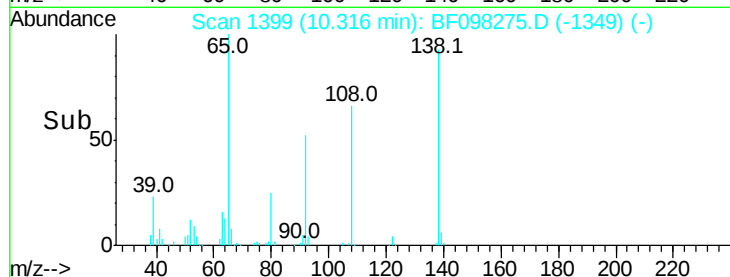
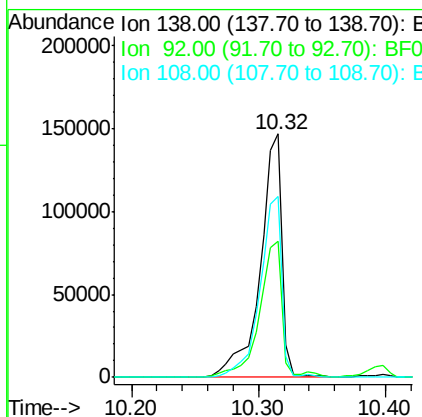
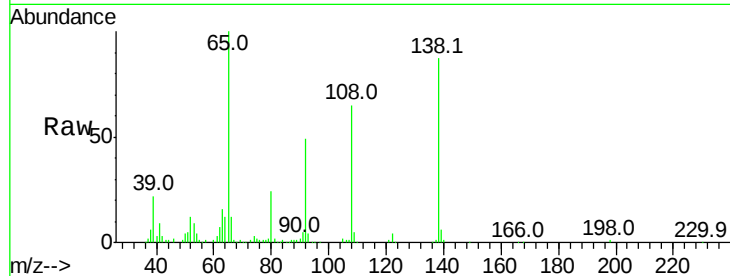
#61
4-Nitroaniline
Concen: 47.560 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	176837		
92	55.9	21.8	61.8	
108	74.2	42.3	82.3	

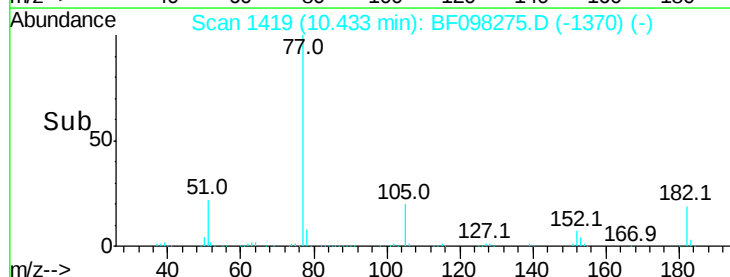
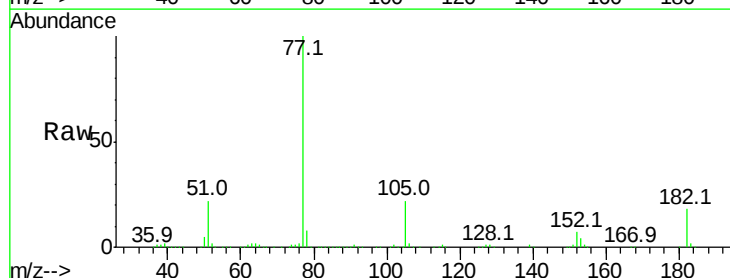
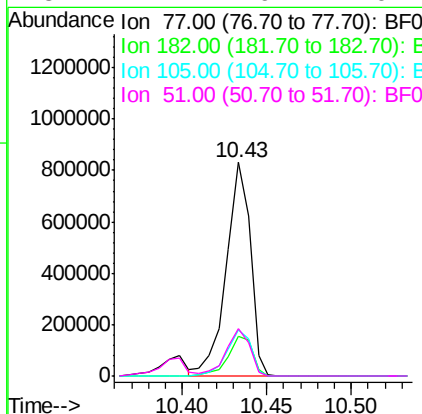
Manual Integrations
APPROVED

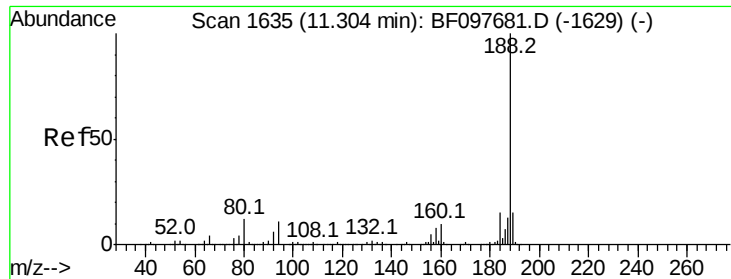
Sohil
9/7/2017 5:44:23 PM



#62
Azobenzene
Concen: 43.408 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	819097		
182	18.4	0.1	40.1	
105	21.7	3.6	43.6	
51	22.4	9.4	49.4	





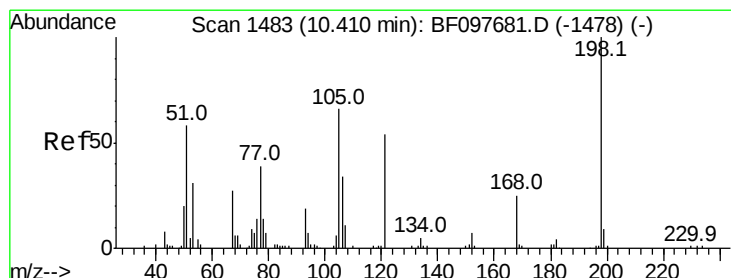
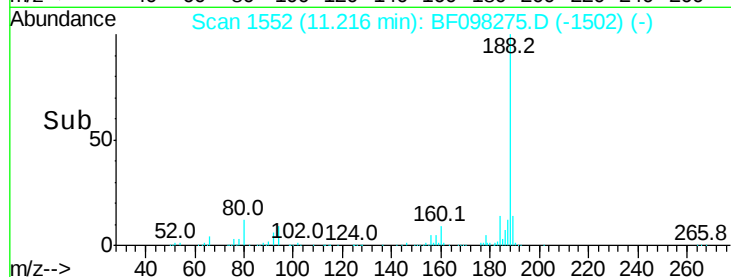
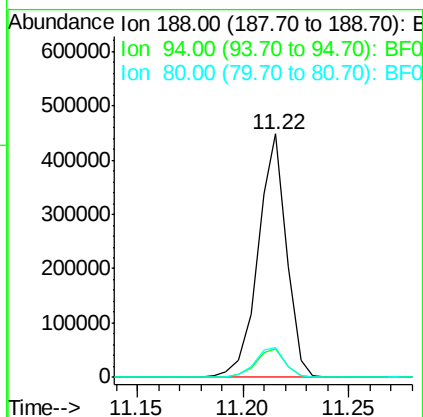
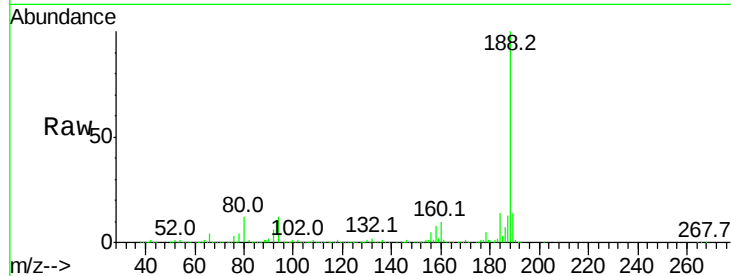
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	9.4	14.2	
80	12.3	10.2	15.2	

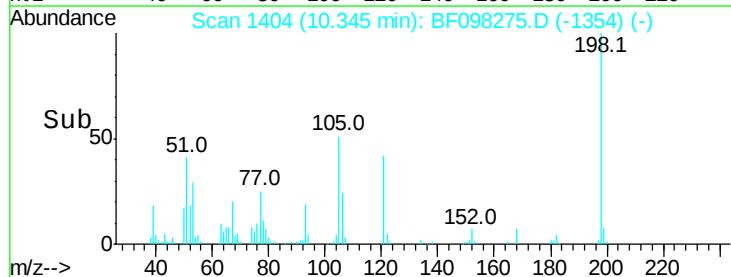
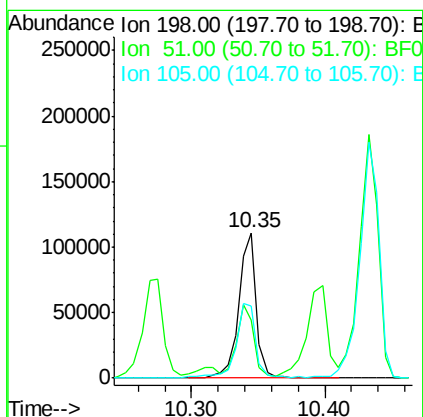
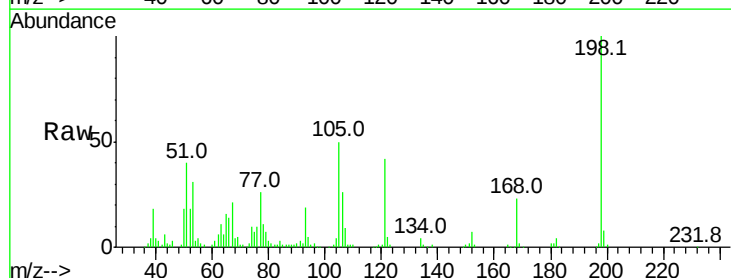
Manual Integrations
APPROVED

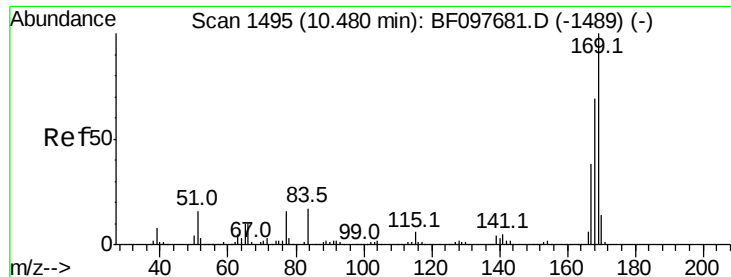
Sohil
9/7/2017 5:44:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.123 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.0	53.2	93.2#	
105	49.7	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 39.835 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

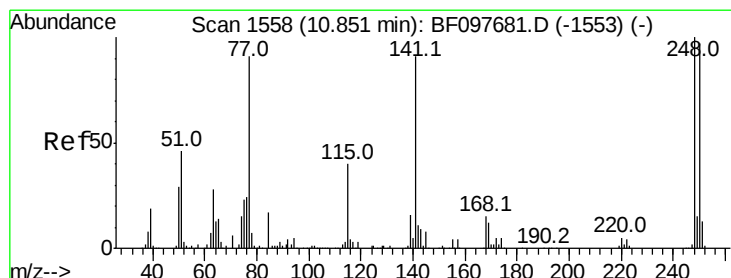
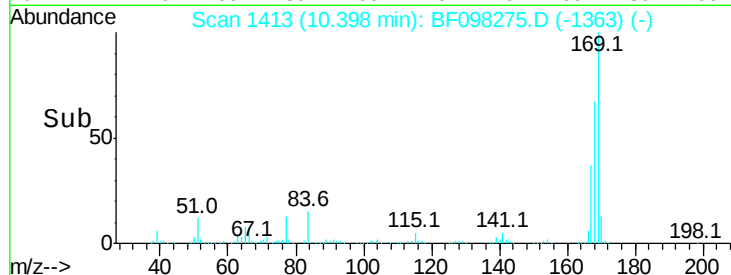
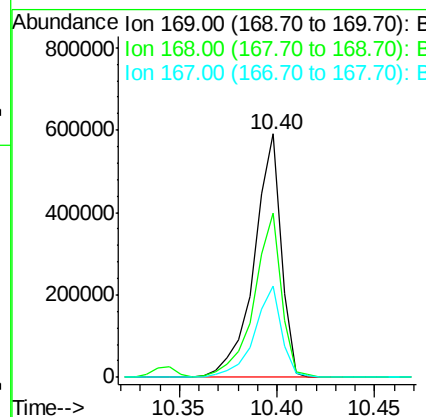
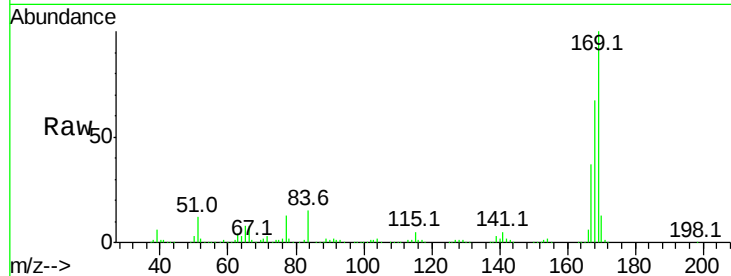
ClientSampleId :

PB102074BS

Tot Ion:	169	Resp:	566922
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.2	79.8
167	37.4	29.5	44.3

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#66

4-Bromophenyl-phenylether

Concen: 41.297 ng

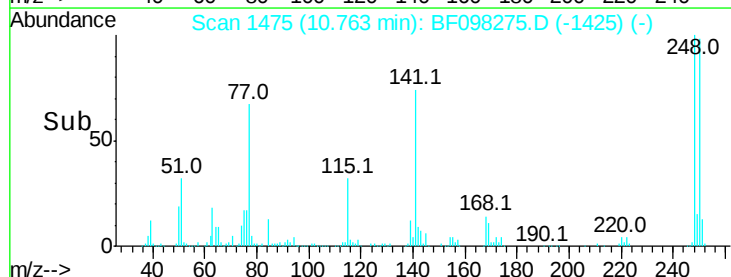
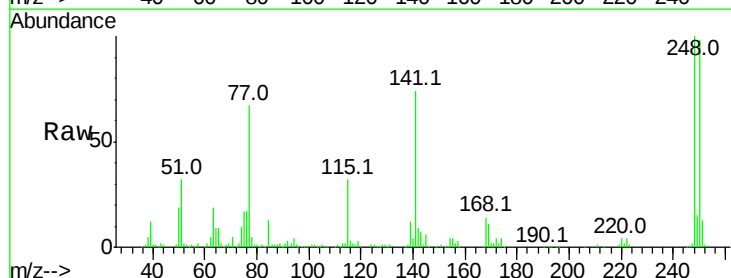
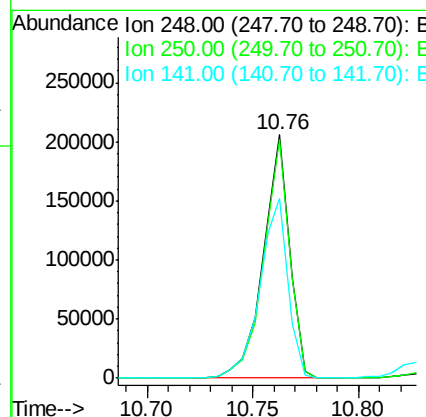
RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	248	Resp:	179223
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.8	115.2
141	74.0	68.6	103.0





#67

Hexachlorobenzene

Concen: 39.531 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

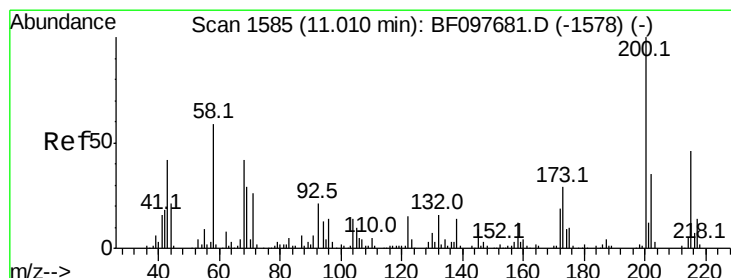
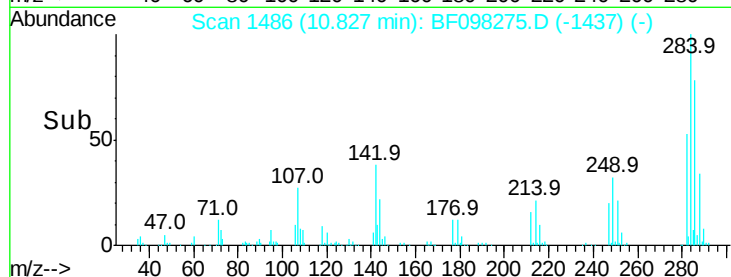
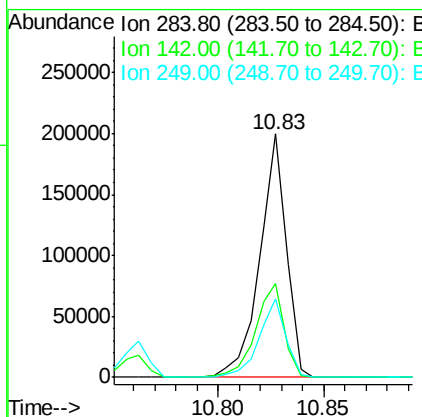
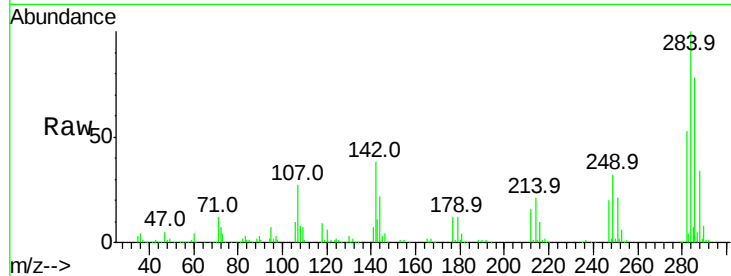
ClientSampleId :

PB102074BS

Tot Ion:	284	Resp:	174864
Ion Ratio	Lower	Upper	
284	100		
142	38.3	22.8	34.2#
249	32.3	24.0	36.0

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#68

Atrazine

Concen: 46.782 ng

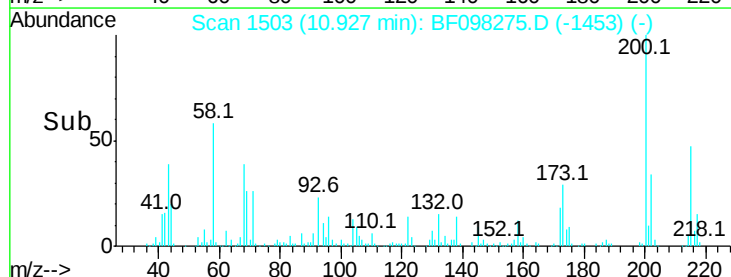
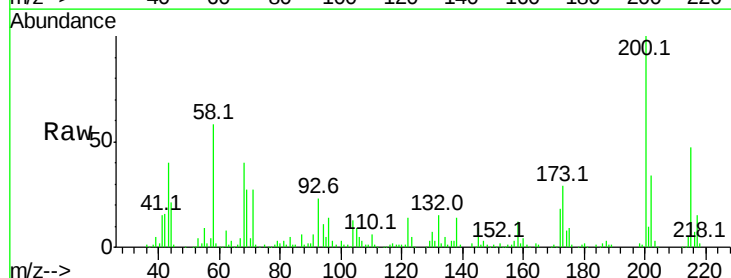
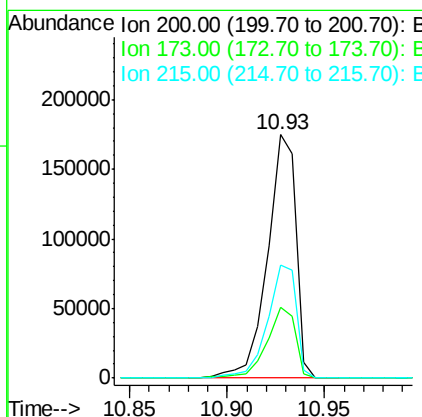
RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	200	Resp:	176565
Ion Ratio	Lower	Upper	
200	100		
173	29.0	6.3	46.3
215	46.6	27.2	67.2





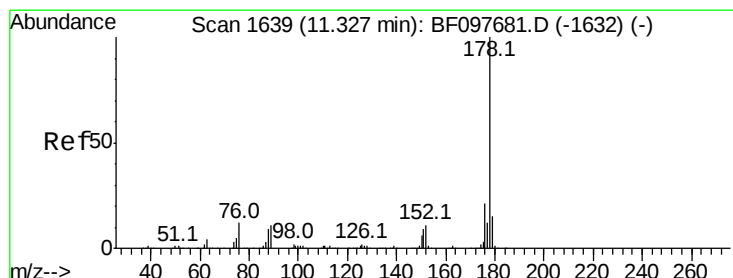
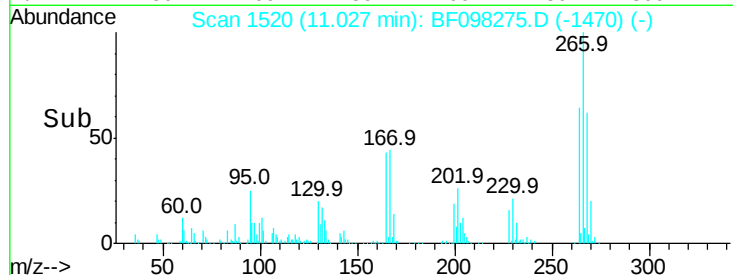
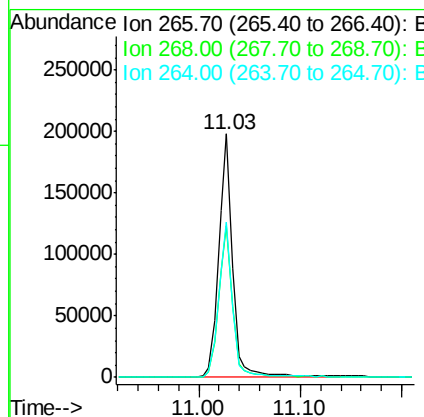
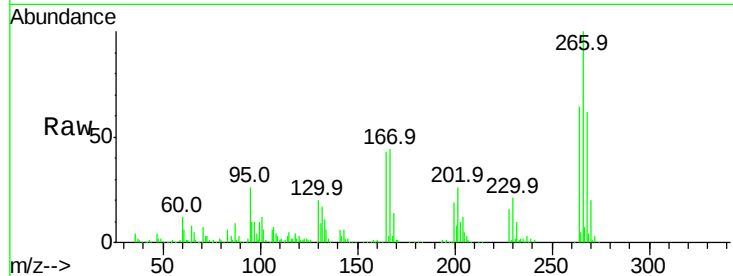
#69
 Pentachlorophenol
 Concen: 73.511 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	189596		
268	62.2	51.1	76.7	
264	63.6	51.7	77.5	

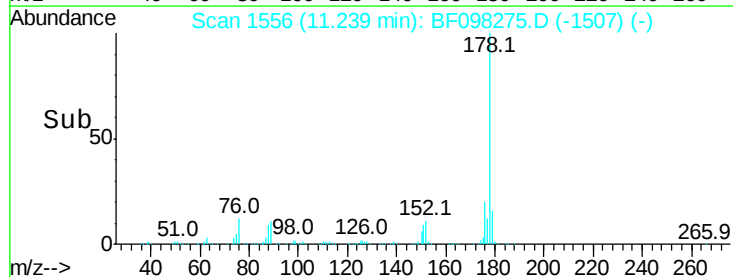
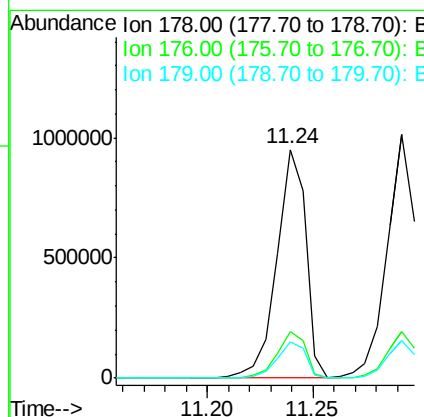
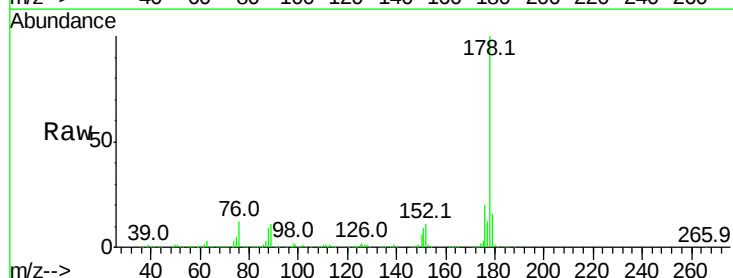
Manual Integrations
 APPROVED

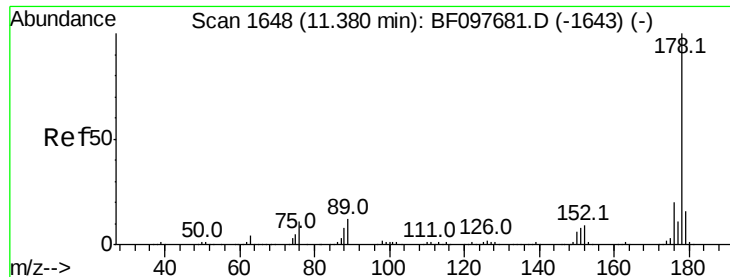
Sohil
 9/7/2017 5:44:23 PM



#70
 Phenanthrene
 Concen: 41.089 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	915048		
176	20.3	16.2	24.4	
179	15.8	12.6	19.0	





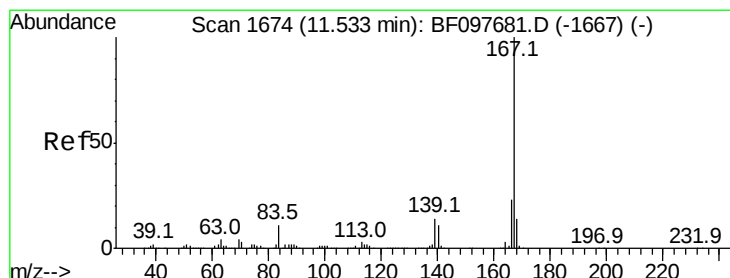
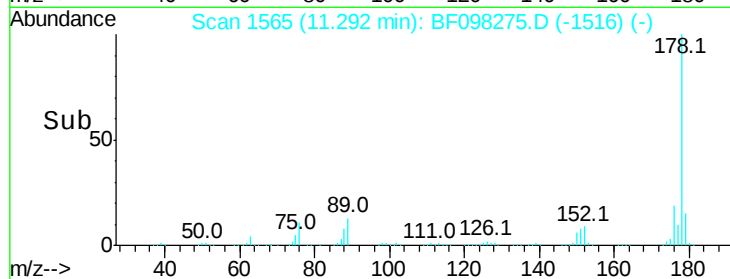
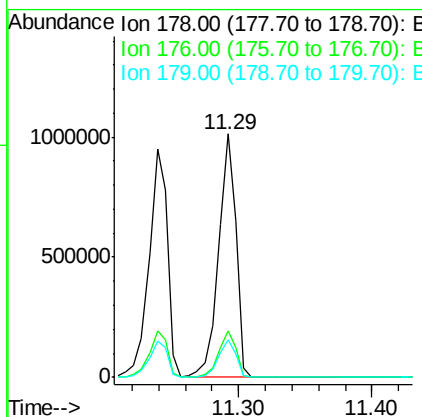
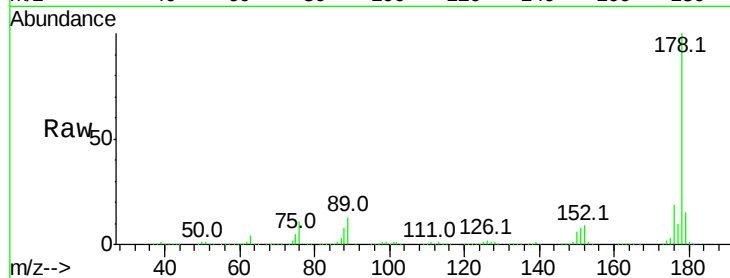
#71
 Anthracene
 Concen: 41.421 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	12.7	19.1

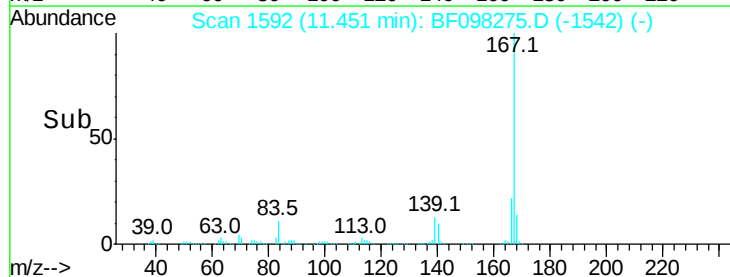
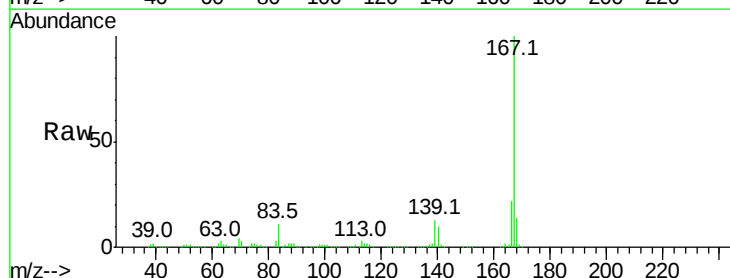
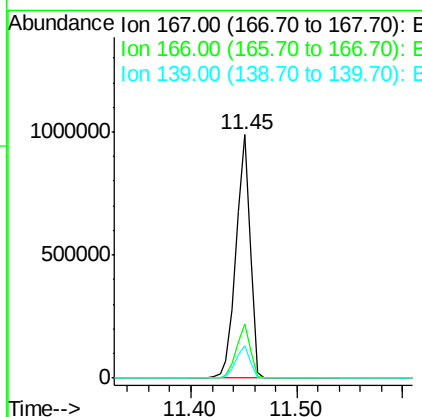
Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM



#72
 Carbazole
 Concen: 42.006 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.4	11.7	17.5





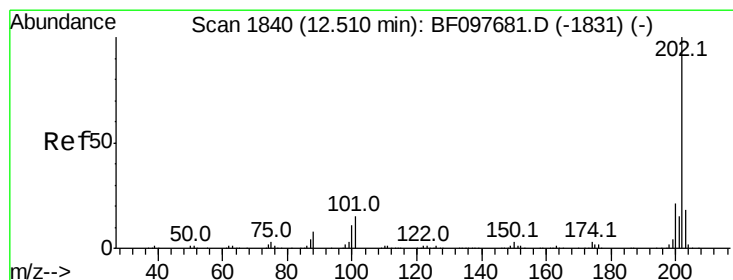
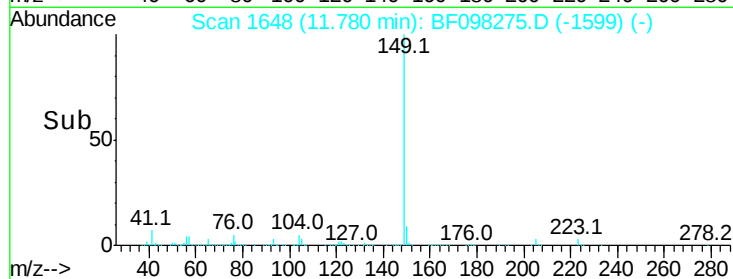
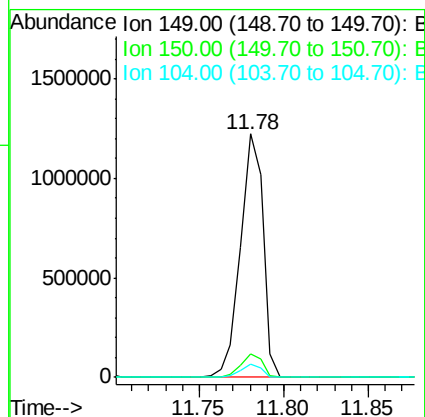
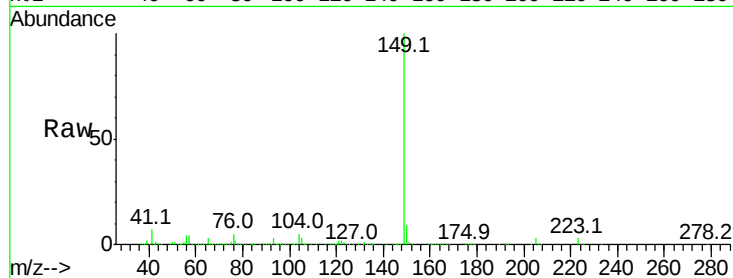
#73
Di-n-butylphthalate
Concen: 46.168 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.3	4.0	6.0

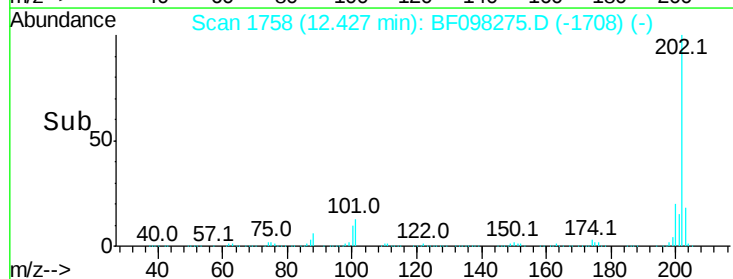
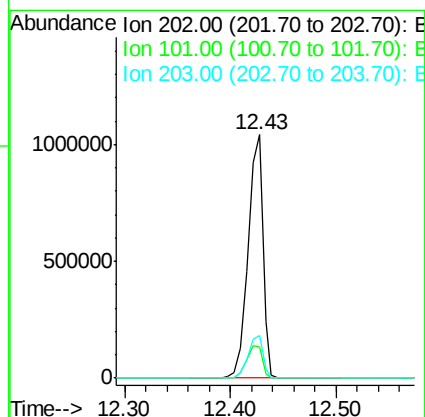
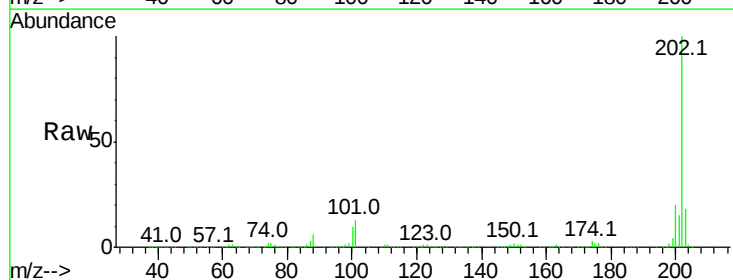
Manual Integrations
APPROVED

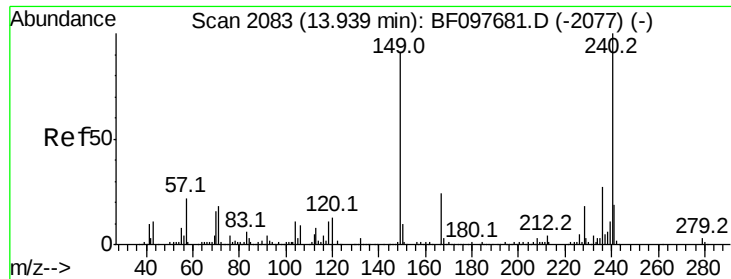
Sohil
9/7/2017 5:44:23 PM



#74
Fluoranthene
Concen: 43.227 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

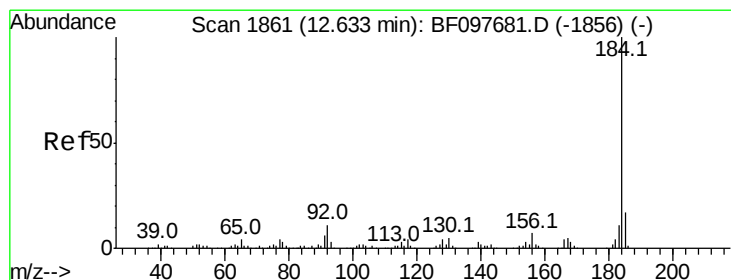
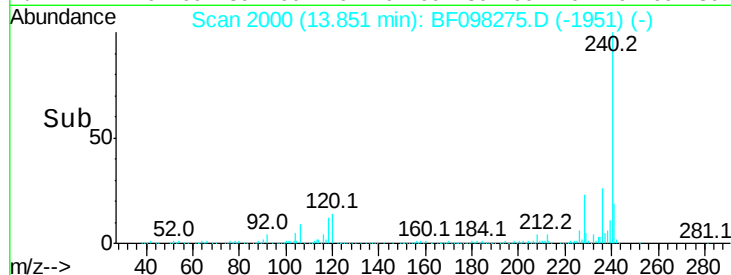
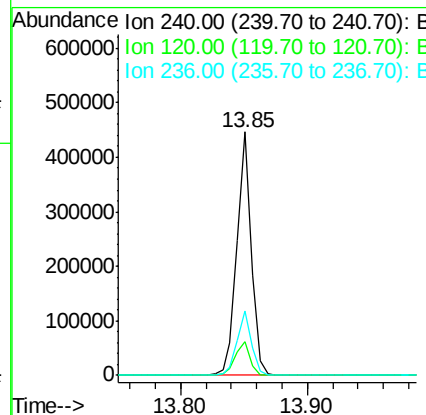
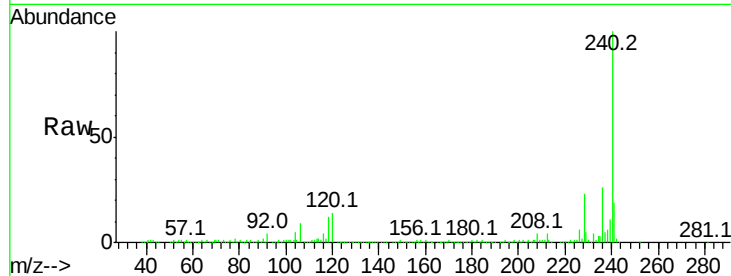
ClientSampleId :

PB102074BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#76

Benzidine

Concen: 43.371 ng m

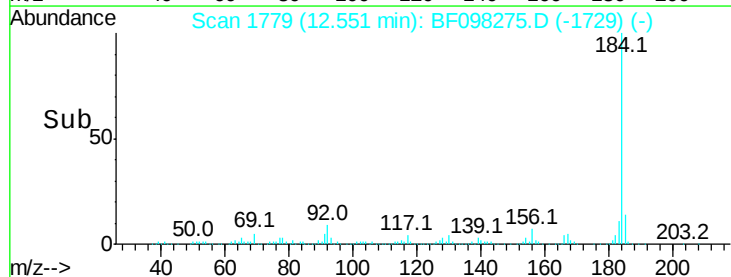
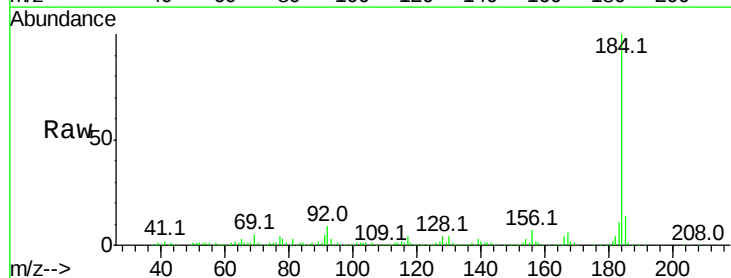
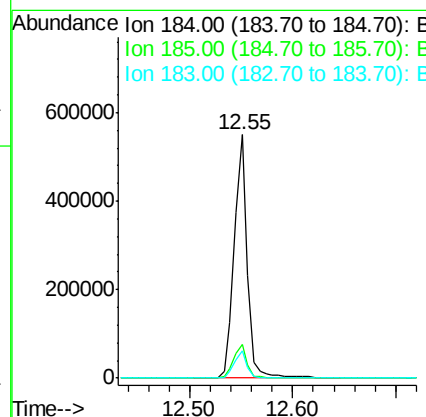
RT: 12.55 min Scan# 1779

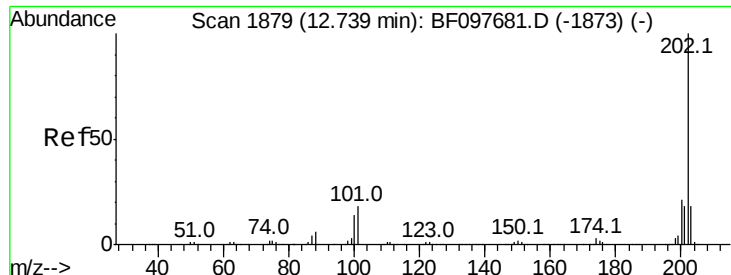
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	15.5	23.3#
183	11.4	9.8	14.6





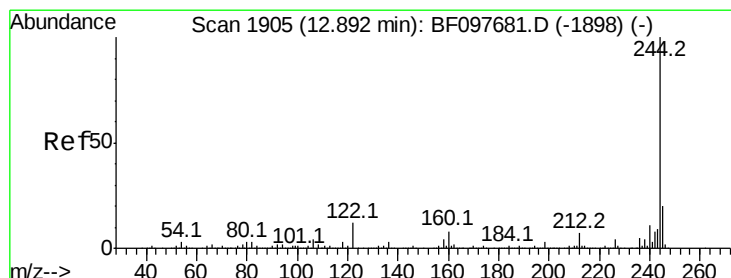
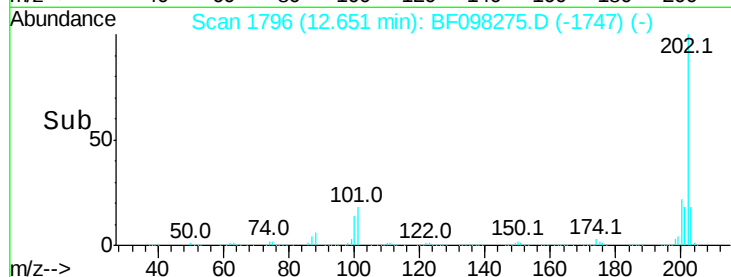
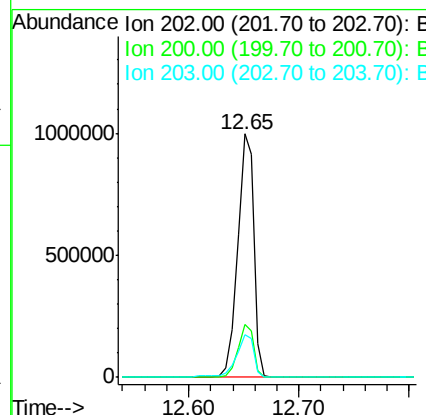
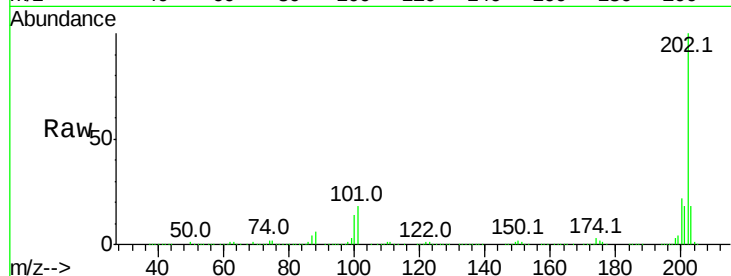
#77
Pvrene
Concen: 35.795 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampled :
PB102074BS

Tot Ion:202 Resp: 1018834
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.8 14.4 21.6

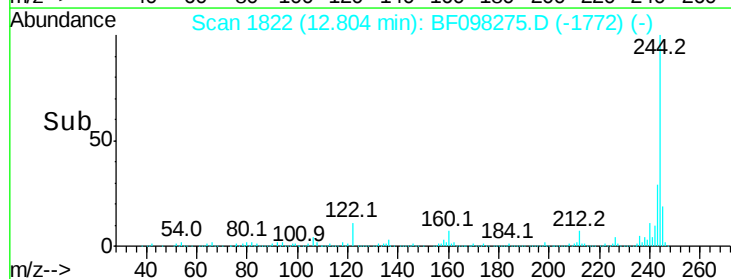
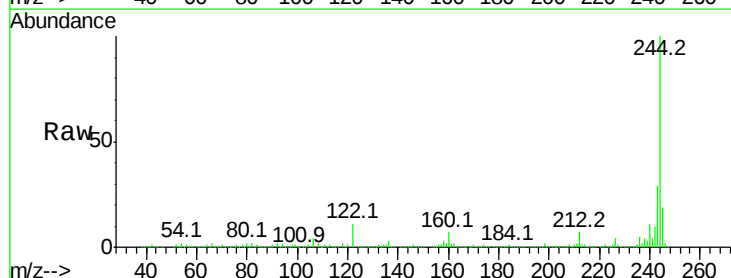
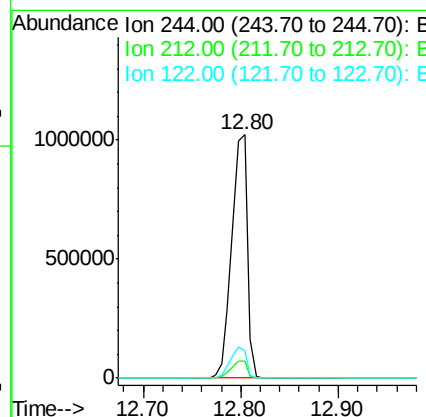
Manual Integrations
APPROVED

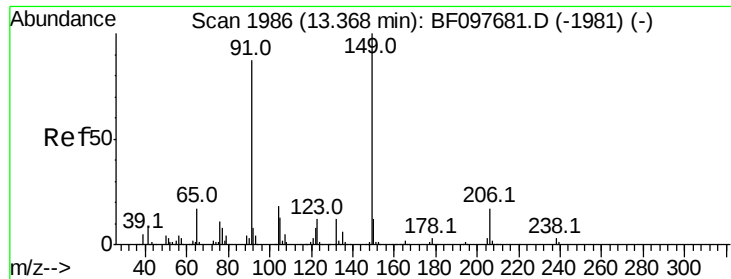
Sohil
9/7/2017 5:44:23 PM



#78
Terphenyl-d14
Concen: 68.644 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion:244 Resp: 1145564
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 11.3 10.3 15.5





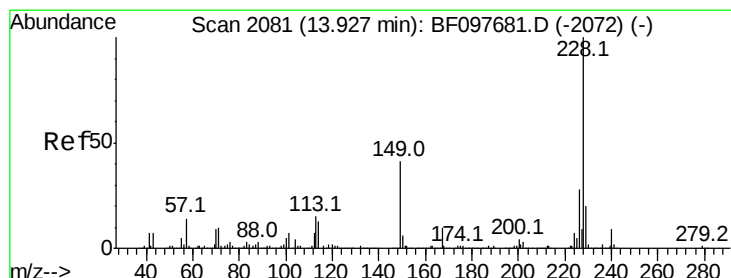
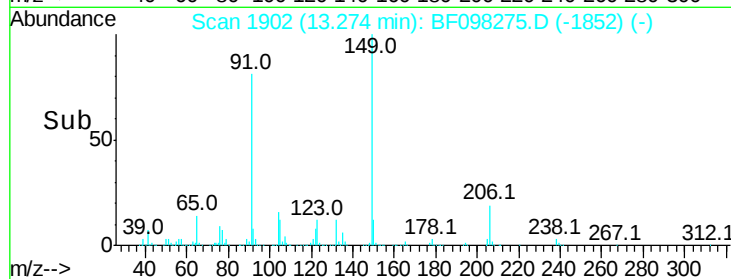
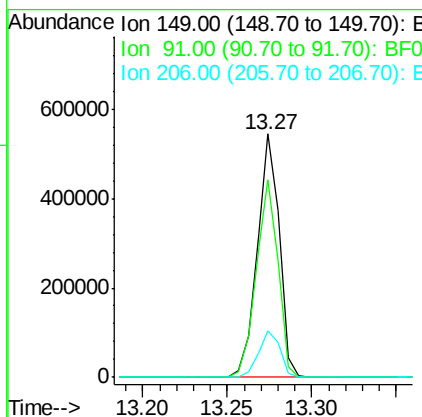
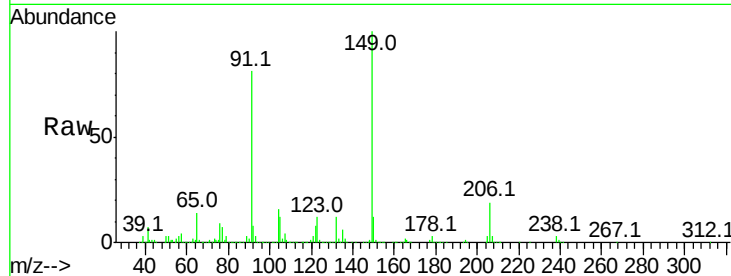
#79
Butylbenzylphthalate
Concen: 45.070 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.2	45.0	67.4#
206	18.9	17.0	25.6

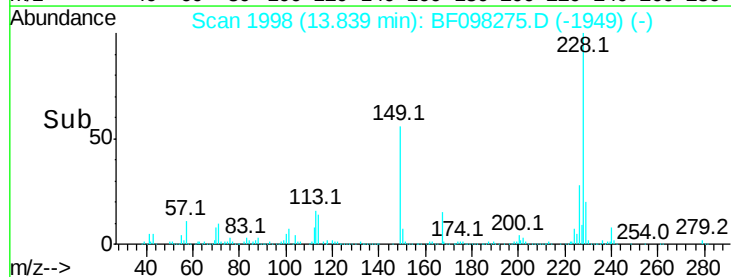
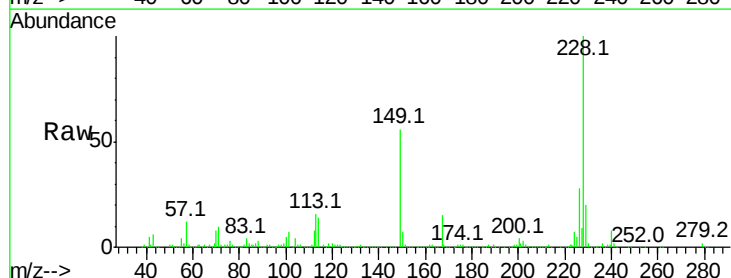
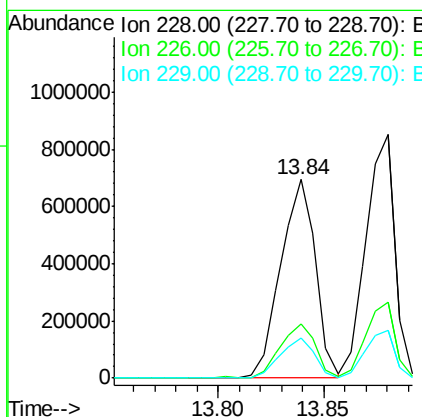
Manual Integrations
APPROVED

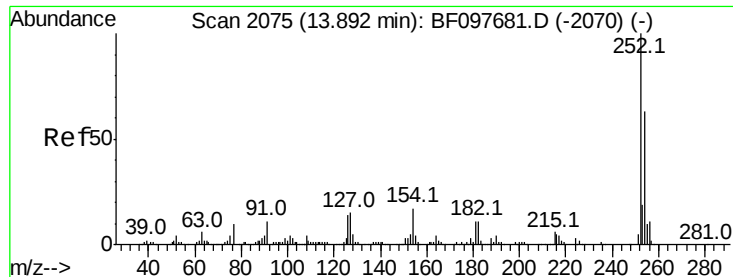
Sohil
9/7/2017 5:44:23 PM



#80
Benzo(a)anthracene
Concen: 38.112 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.3	16.3	24.5





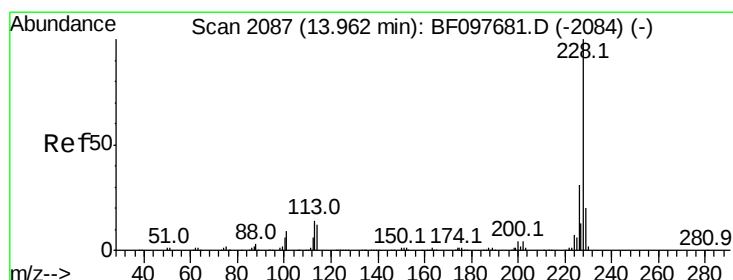
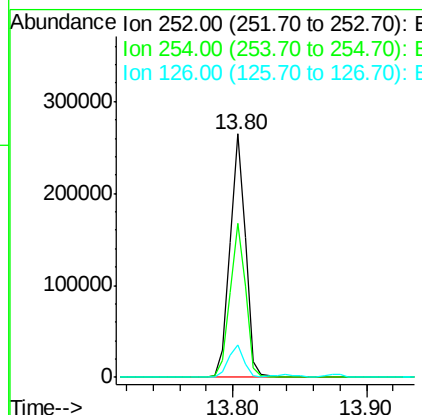
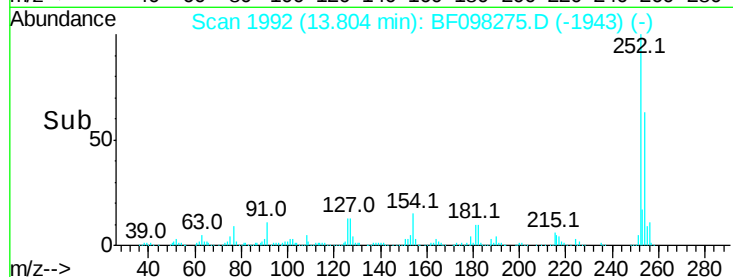
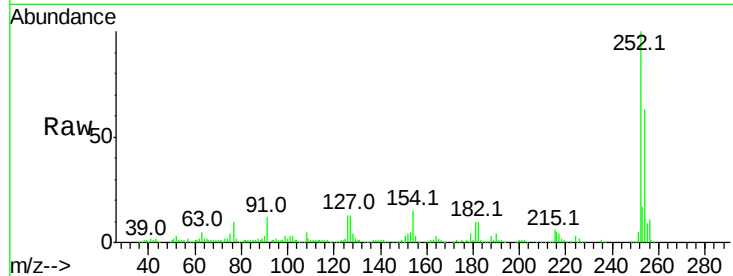
#81
 3,3'-Dichlorobenzidine
 Concen: 31.236 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.5	77.3
126	13.3	15.8	23.8

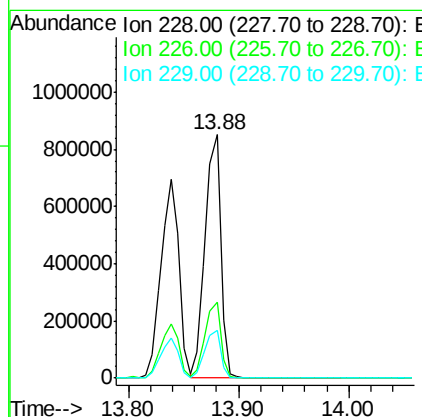
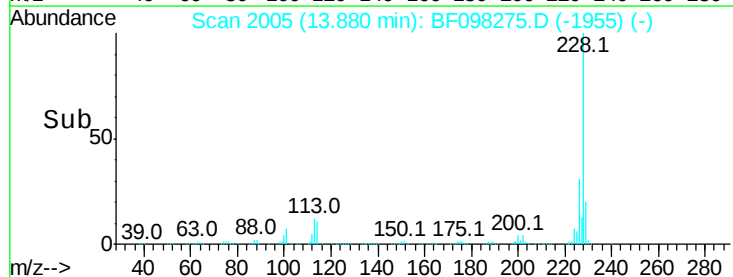
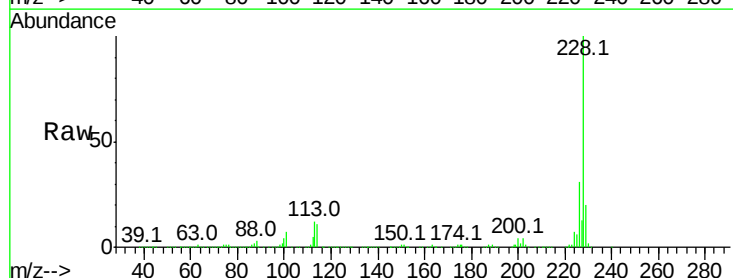
Manual Integrations
 APPROVED

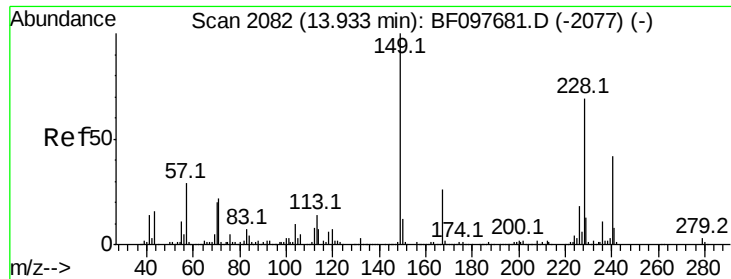
Sohil
 9/7/2017 5:44:23 PM



#82
 Chrysene
 Concen: 39.394 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.6	15.8	23.6





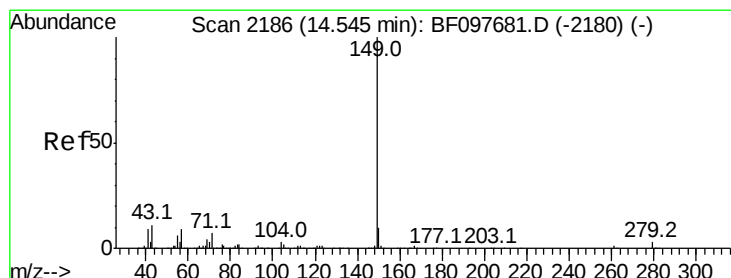
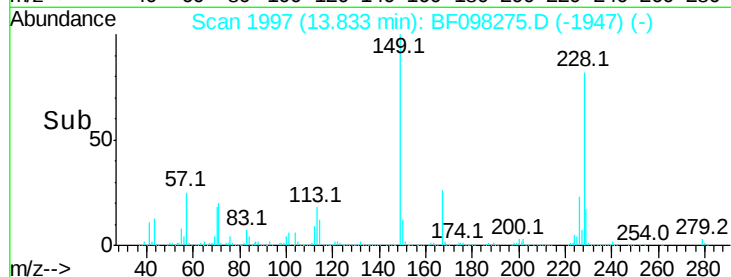
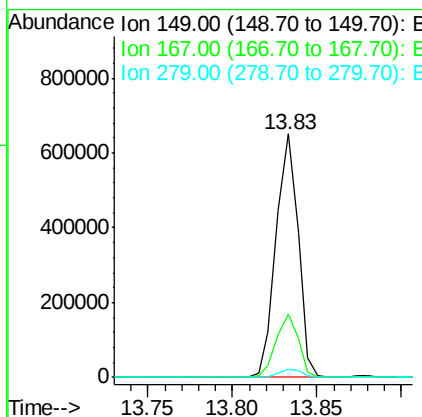
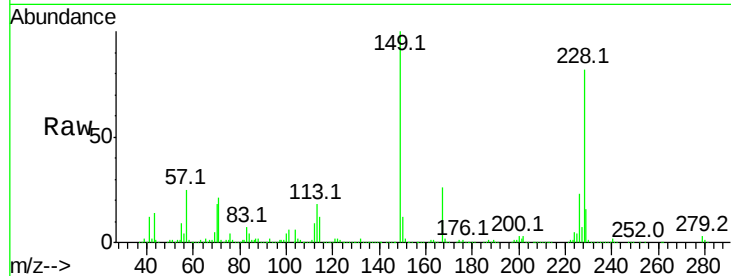
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.824 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.0	31.4	
279	3.3	1.9	2.9	

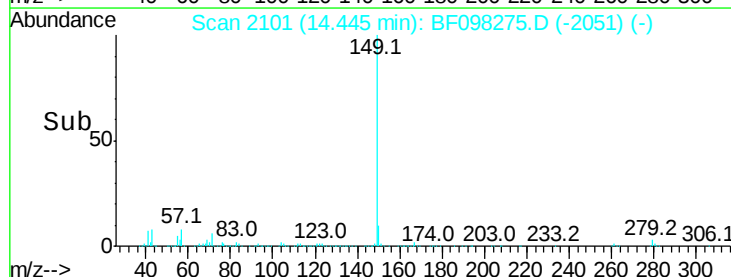
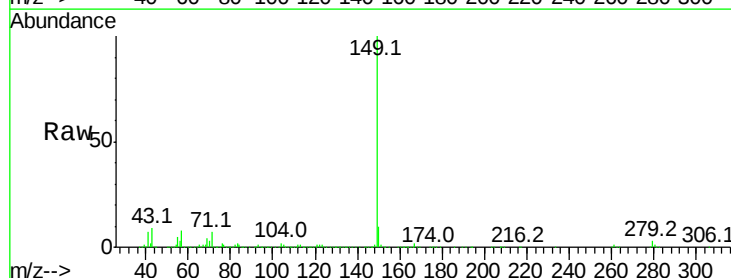
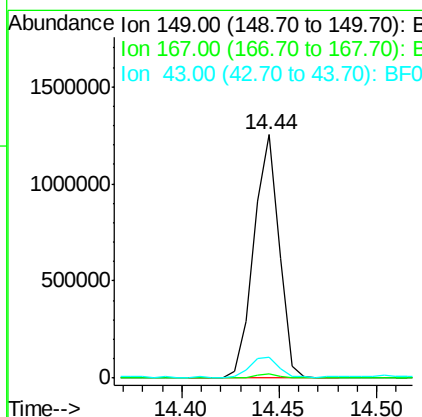
Manual Integrations
 APPROVED

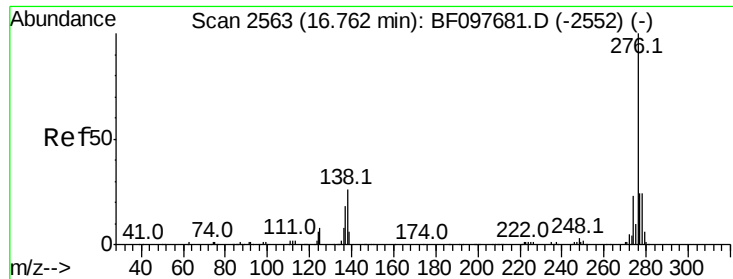
Sohil
 9/7/2017 5:44:23 PM



#84
 Di-n-octyl phthalate
 Concen: 53.259 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.2	8.5	12.7	





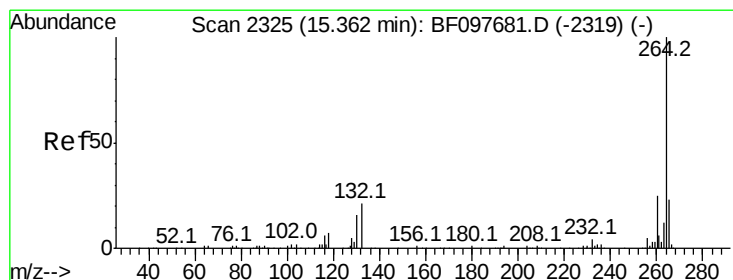
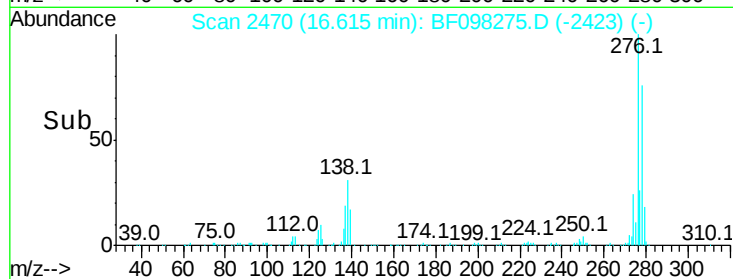
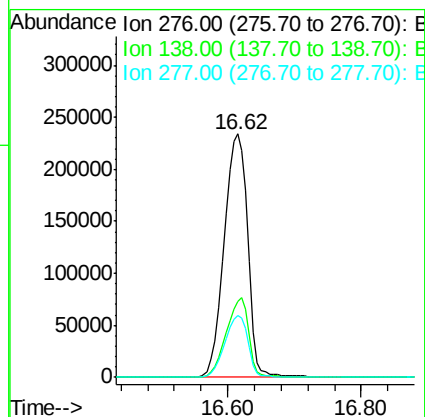
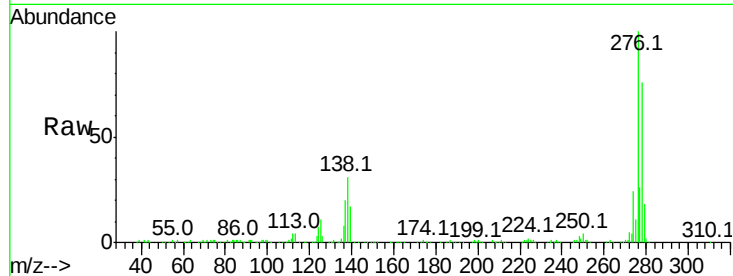
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.410 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	25.1	20.2	30.4

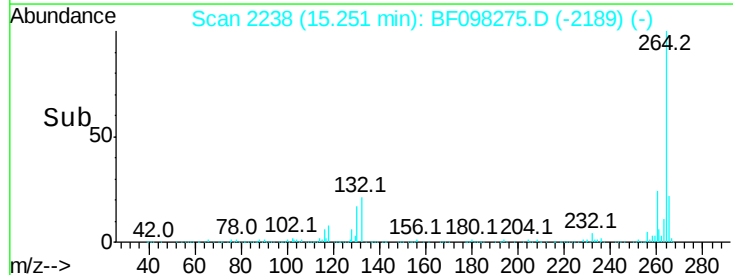
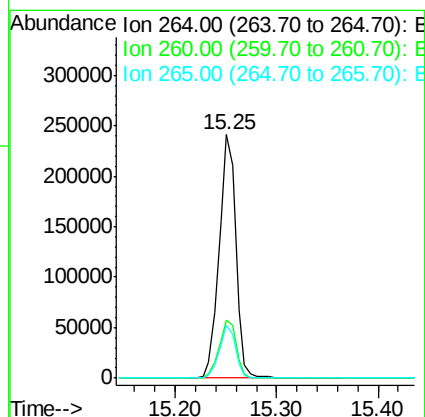
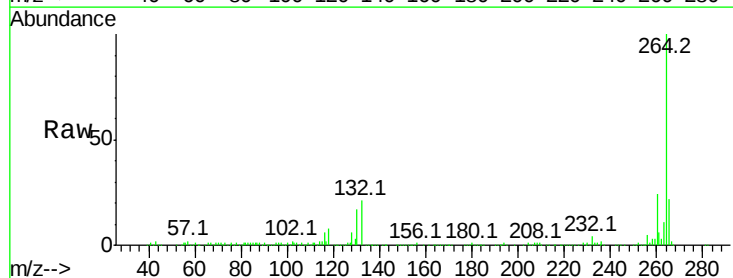
Manual Integrations
APPROVED

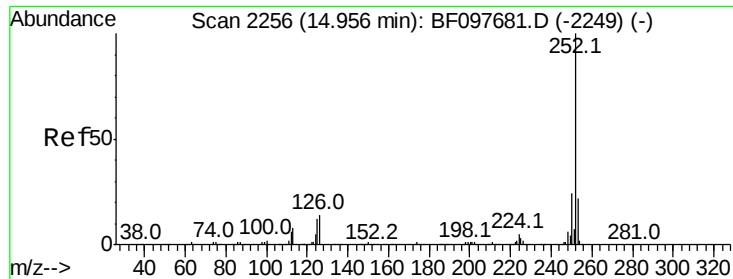
Sohil
9/7/2017 5:44:23 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.140 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Instrument :

BNA_F

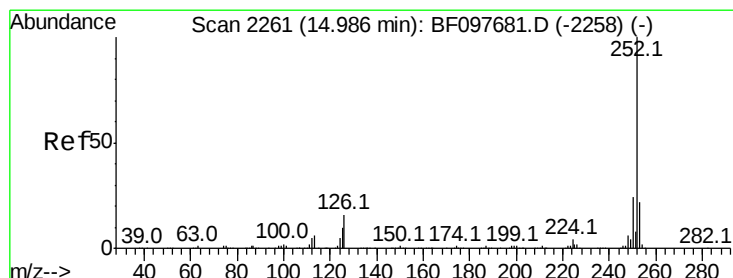
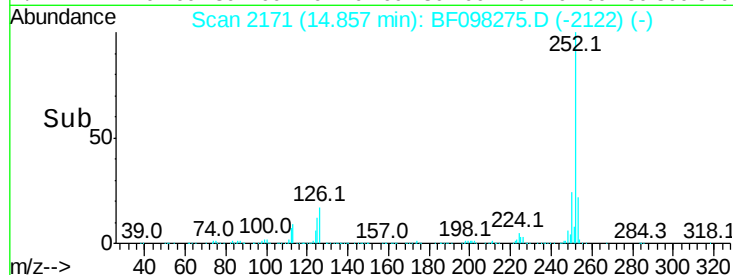
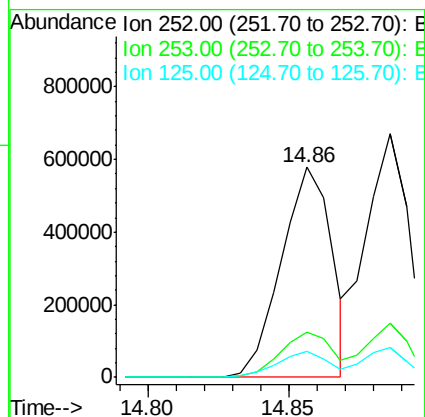
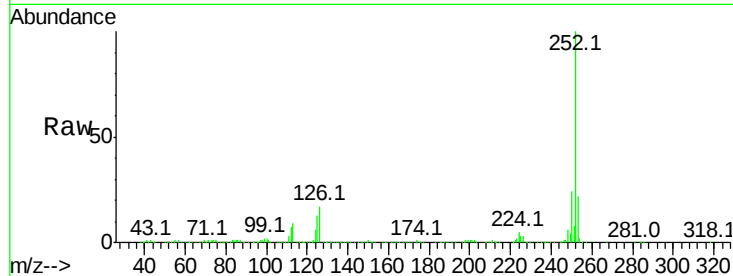
ClientSampleId :

PB102074BS

Tot Ion:	252	Resp:	719076
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	12.6	9.8	14.8

Manual Integrations
APPROVED

Sohil
9/7/2017 5:44:23 PM



#88

Benzo(k)fluoranthene

Concen: 43.531 ng

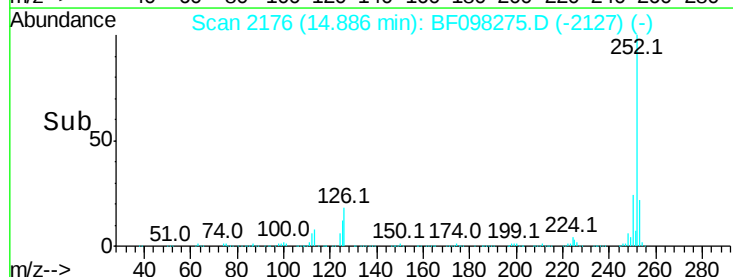
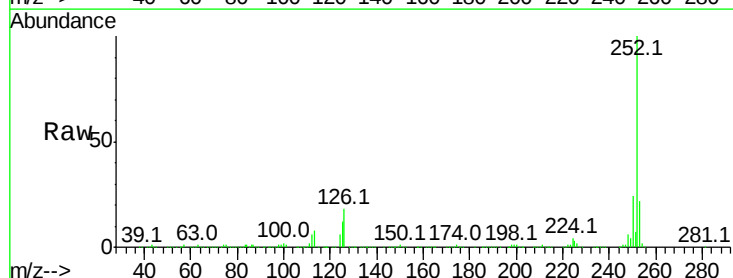
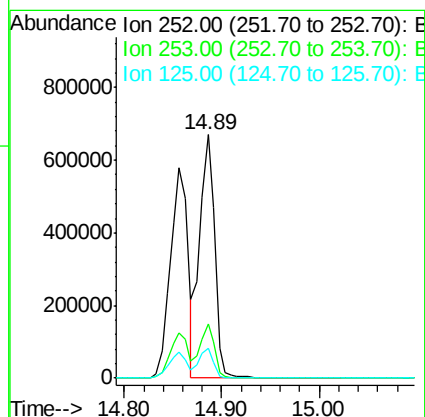
RT: 14.89 min Scan# 2176

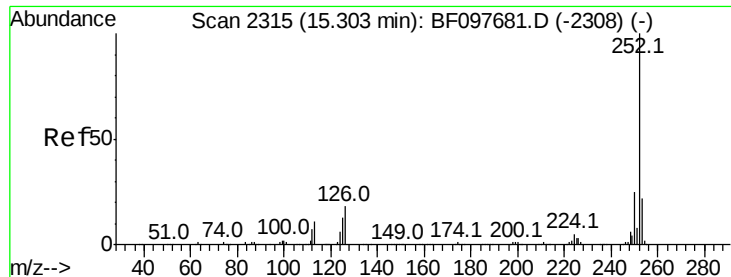
Delta R.T. -0.01 min

Lab File: BF098275.D

Acq: 6 Sep 2017 16:26

Tgt Ion:	252	Resp:	714839
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	12.4	13.1	19.7#





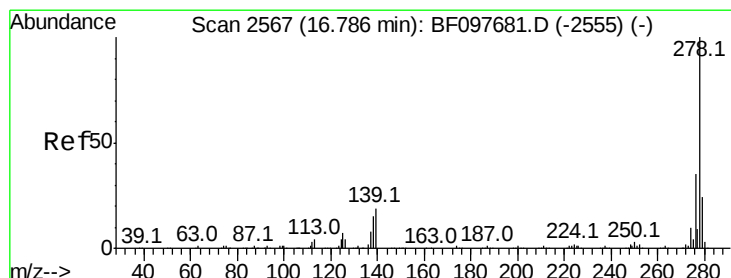
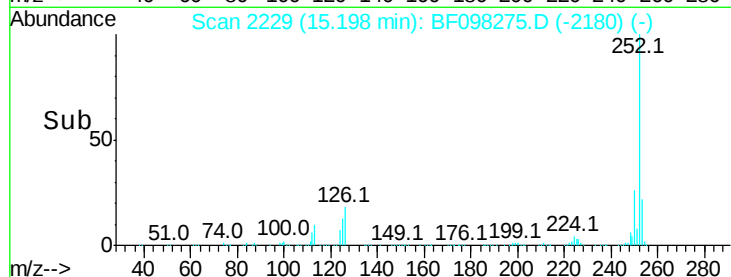
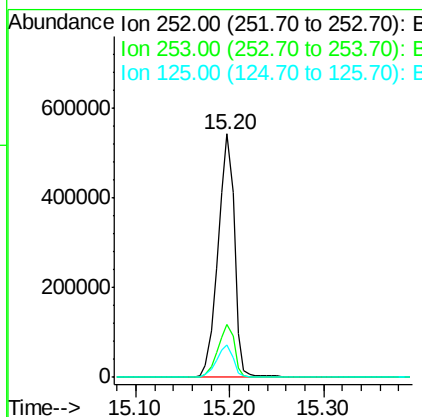
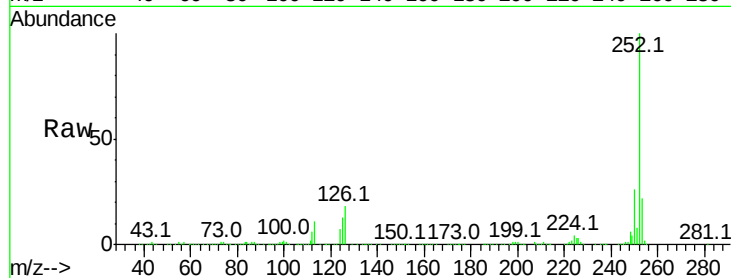
#89
Benzo(a)pyrene
Concen: 43.214 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.4	11.0	16.4

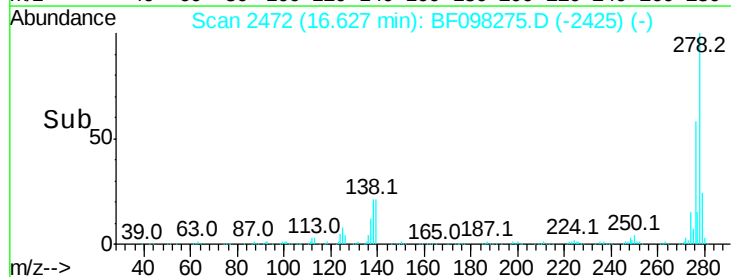
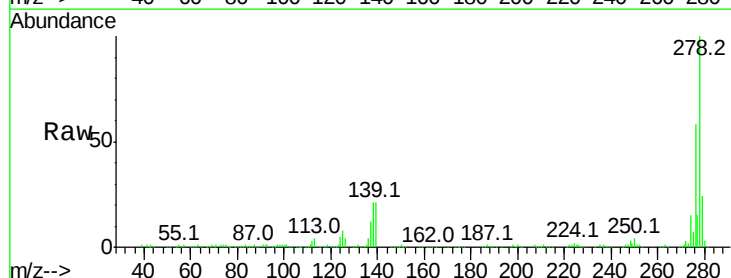
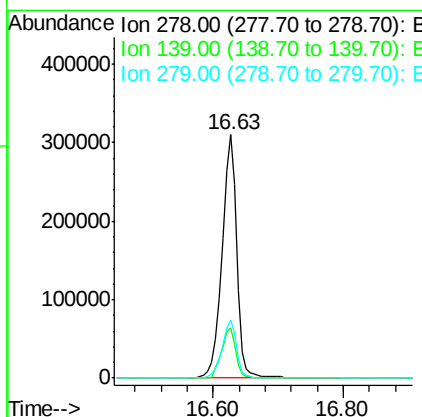
Manual Integrations
APPROVED

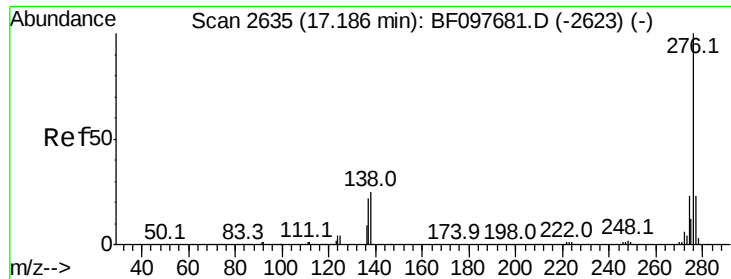
Sohil
9/7/2017 5:44:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.732 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BF098275.D
Acq: 6 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.240 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. -0.03 min
 Lab File: BF098275.D
 Acq: 6 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	25.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 9/7/2017 5:44:23 PM

