

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100113.D
 Acq On : 3 Nov 2017 5:00
 Operator : SJ/JU
 Sample : PB103911BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:21:01 AM

Quant Time: Nov 03 05:44:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	71420	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	300904	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	139968	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	237126	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	139366	20.00	ng	-0.02
86) Perylene-d12	15.41	264	122266	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	339302	74.59	ng	0.00
7) Phenol-d6	6.42	99	389674	72.24	ng	-0.01
23) Nitrobenzene-d5	7.34	82	318575	68.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	87795	68.83	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	679779	74.93	ng	0.00
78) Terphenyl-d14	12.88	244	563104	88.30	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	65320	32.516	ng	89
3) Pyridine	3.31	79	131927	27.309	ng	# 84
4) n-Nitrosodimethylamine	3.27	42	50242	29.111	ng	# 61
6) Aniline	6.44	93	168562	24.101	ng	# 87
8) 2-Chlorophenol	6.56	128	187234	38.618	ng	93
9) Benzaldehyde	6.33	77	64081	19.881	ng	90
10) Phenol	6.43	94	217236	36.681	ng	95
11) bis(2-Chloroethyl)ether	6.50	93	160037	34.994	ng	94
12) 1,3-Dichlorobenzene	6.70	146	196824	36.155	ng	97
13) 1,4-Dichlorobenzene	6.79	146	201844	36.532	ng	97
14) 1,2-Dichlorobenzene	6.94	146	187076	37.151	ng	95
15) Benzyl Alcohol	6.92	79	126848	36.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	203577	40.072	ng	# 26
17) 2-Methylphenol	7.03	107	144113	35.535	ng	# 93
18) Hexachloroethane	7.27	117	59789	32.436	ng	100
19) n-Nitroso-di-n-propylamine	7.19	70	112380	35.552	ng	# 88
20) 3+4-Methylphenols	7.19	107	196439	41.599	ng	# 76
22) Acetophenone	7.19	105	240508	35.104	ng	# 93
24) Nitrobenzene	7.36	77	168910	35.867	ng	89
25) Isophorone	7.59	82	311955	36.783	ng	97
26) 2-Nitrophenol	7.67	139	96105	35.630	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	166105	41.796	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	209226	35.225	ng	98
29) 2,4-Dichlorophenol	7.92	162	158059	38.285	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	157404	35.683	ng	98
31) Naphthalene	8.07	128	523318	36.029	ng	99
32) Benzoic acid	7.87	122	93887	26.839	ng	# 87
33) 4-Chloroaniline	8.13	127	120357	20.067	ng	95
34) Hexachlorobutadiene	8.18	225	78273	34.498	ng	99
35) Caprolactam	8.51	113	48890m	37.657	ng	
36) 4-Chloro-3-methylphenol	8.63	107	156659	37.177	ng	92
37) 2-Methylnaphthalene	8.76	142	368280	37.835	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	150490	33.290	ng	# 98
40) Hexachlorocyclopentadiene	8.91	237	5811	17.421	ng	97

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100113.D
 Acq On : 3 Nov 2017 5:00
 Operator : SJ/JU
 Sample : PB103911BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

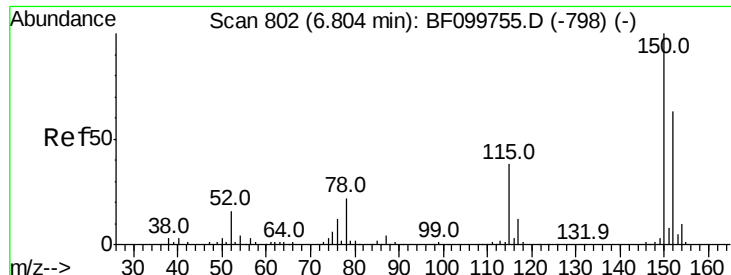
Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:21:01 AM

Quant Time: Nov 03 05:44:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	102341	37.427	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	101166	34.864	nq	95
45) 1,1'-Biphenyl	9.23	154	426069	33.649	nq	98
46) 2-Chloronaphthalene	9.26	162	332234	36.129	nq	95
47) 2-Nitroaniline	9.37	65	86813	35.970	nq #	79
48) Acenaphthylene	9.67	152	492307	34.760	nq	99
49) Dimethylphthalate	9.53	163	380400	34.319	nq	100
50) 2,6-Dinitrotoluene	9.61	165	83913	36.011	nq #	76
51) Acenaphthene	9.84	154	299923	34.657	nq	99
52) 3-Nitroaniline	9.78	138	72629	26.453	nq	90
53) 2,4-Dinitrophenol	9.92	184	30786	36.814	nq #	81
54) Dibenzofuran	10.02	168	450275	36.860	nq	98
55) 4-Nitrophenol	9.97	139	78245	54.542	nq #	78
56) 2,4-Dinitrotoluene	10.02	165	109687	39.087	nq #	87
57) Fluorene	10.36	166	361234	35.715	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	79298	38.976	nq #	91
59) Diethylphthalate	10.23	149	370839	34.260	nq	96
60) 4-Chlorophenyl-phenylether	10.34	204	166933	35.069	nq	91
61) 4-Nitroaniline	10.40	138	81689	31.185	nq #	79
62) Azobenzene	10.50	77	313824	34.586	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	26860	18.020	nq	85
65) n-Nitrosodiphenylamine	10.47	169	320862	36.656	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	95410	38.220	nq	92
67) Hexachlorobenzene	10.91	284	94084	36.839	nq #	90
68) Atrazine	11.00	200	98727	37.548	nq	99
69) Pentachlorophenol	11.12	266	61624	56.469	nq	97
70) Phenanthrene	11.32	178	486501	36.354	nq	98
71) Anthracene	11.37	178	498634	36.708	nq	99
72) Carbazole	11.54	167	457864	35.844	nq	97
73) Di-n-butylphthalate	11.84	149	598559	36.738	nq	99
74) Fluoranthene	12.52	202	443381	31.882	nq	97
76) Benzidine	12.64	184	242086	39.698	nq	98
77) Pyrene	12.74	202	442607	41.766	nq	99
79) Butylbenzylphthalate	13.34	149	211988	40.623	nq	93
80) Benzo(a)anthracene	13.94	228	318856	36.091	nq	97
81) 3,3'-Dichlorobenzidine	13.90	252	101945	31.788	nq #	99
82) Chrysene	13.97	228	301283	36.273	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	278116	37.951	nq #	99
84) Di-n-octyl phthalate	14.51	149	424921	33.783	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	266320	34.927	nq	98
87) Benzo(b)fluoranthene	14.99	252	269103	34.856	nq	99
88) Benzo(k)fluoranthene	15.02	252	275810	37.885	nq	99
89) Benzo(a)pyrene	15.35	252	261652	37.728	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	227257	36.878	nq	98
91) Benzo(g,h,i)perylene	17.32	276	218883	36.305	nq	94

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



#1

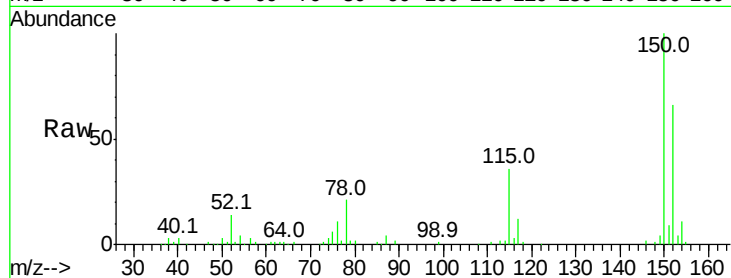
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

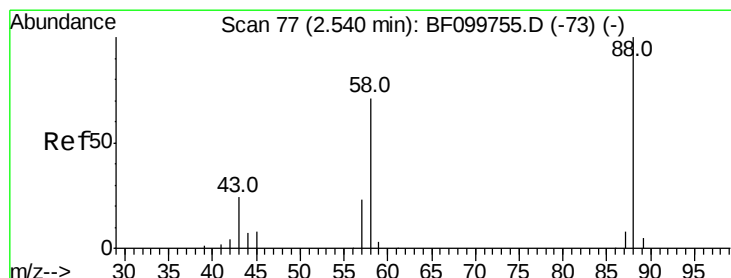
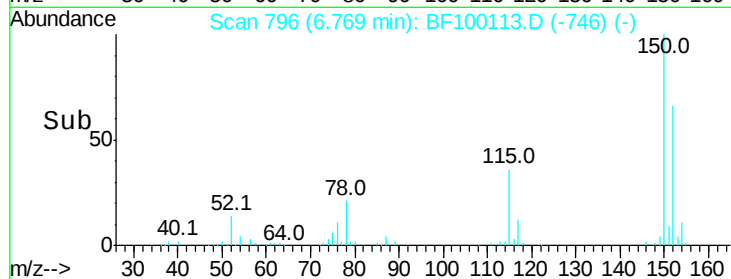
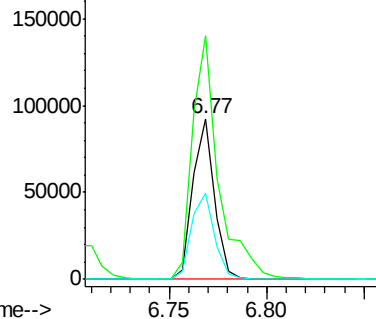
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.6	186.8
115	53.8	50.1	75.1

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



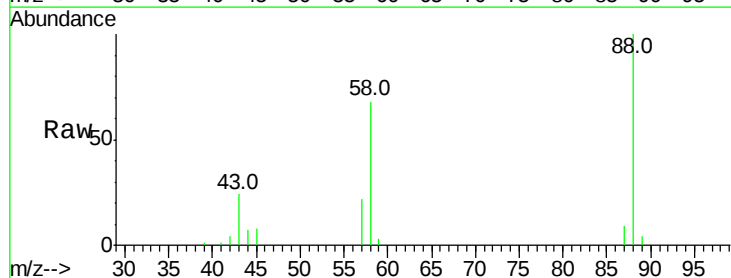
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



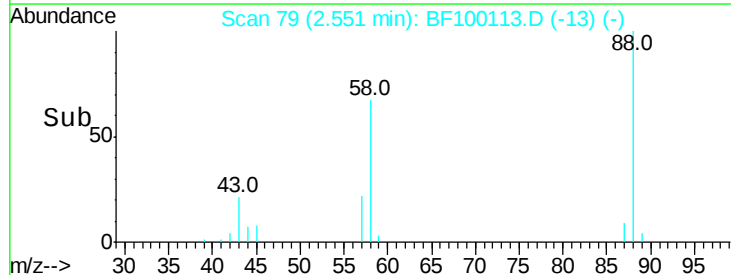
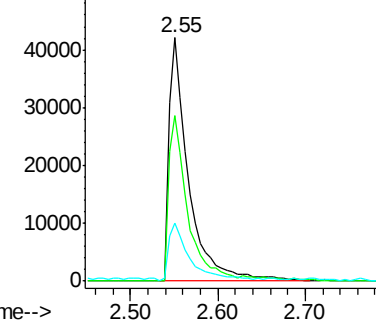
#2

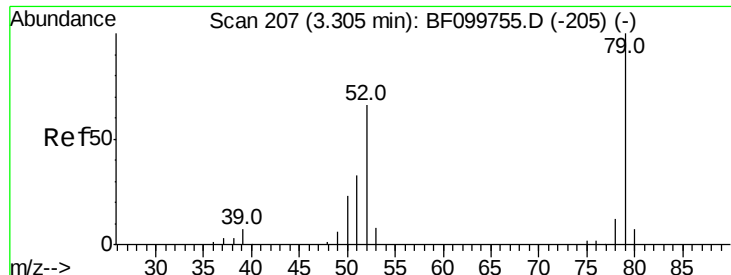
1,4-Dioxane
Concen: 32.516 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.09 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	62.6	93.8
43	26.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





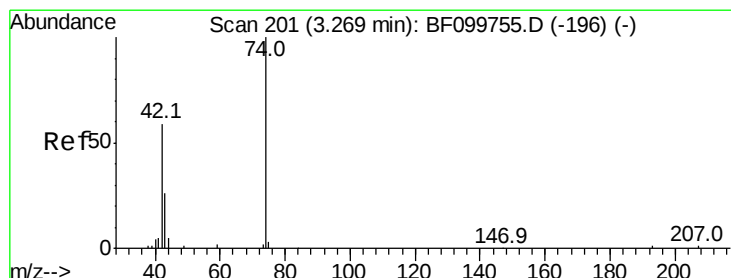
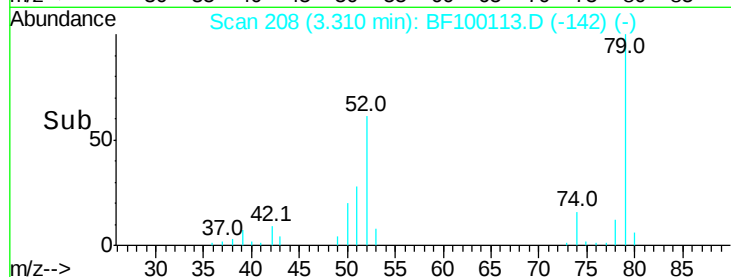
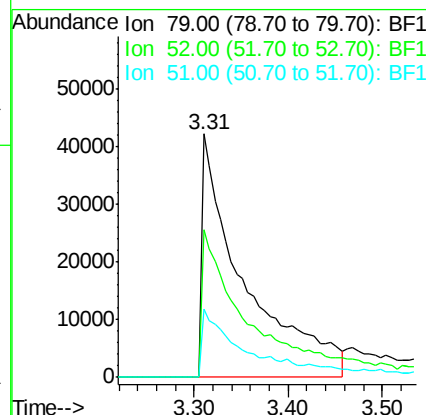
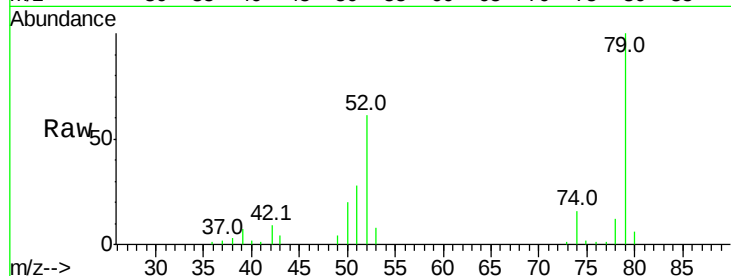
#3
 Pvridine
 Concen: 27.309 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.09 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampled :
 PB103911BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.7	59.8	89.6
51	28.1	29.8	44.8#

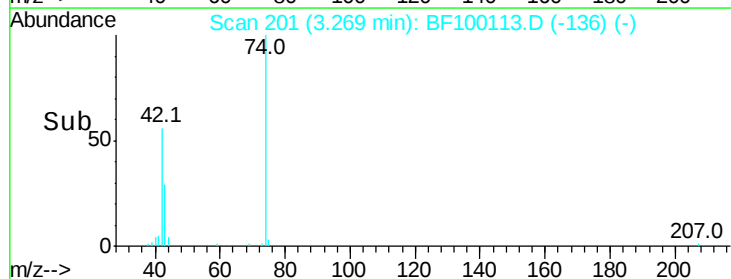
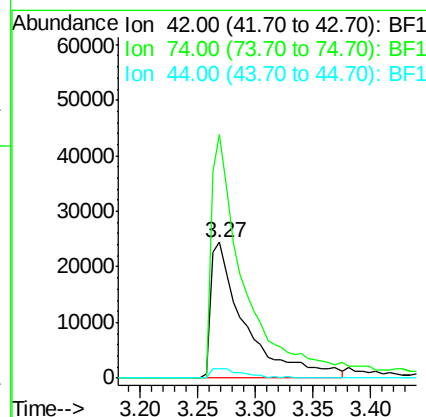
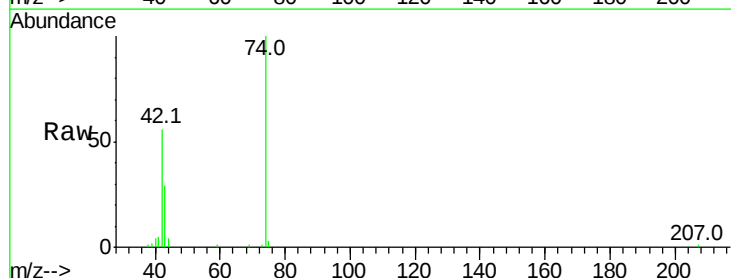
Manual Integrations
 APPROVED

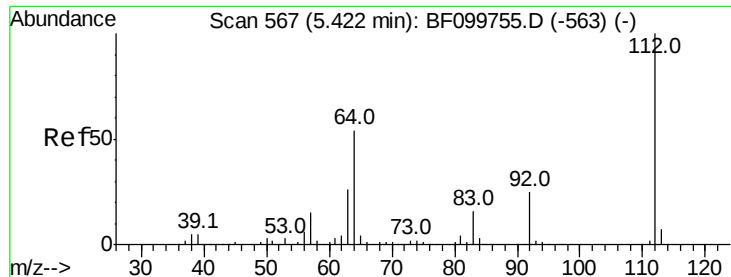
Sohil
 11/3/2017 11:21:01 AM



#4
 n-Nitrosodimethylamine
 Concen: 29.111 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.08 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	179.3	104.9	157.3#
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 74.586 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

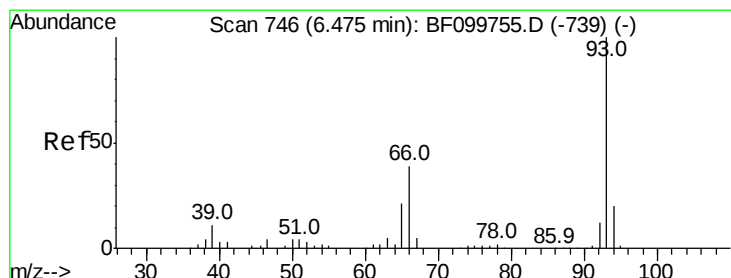
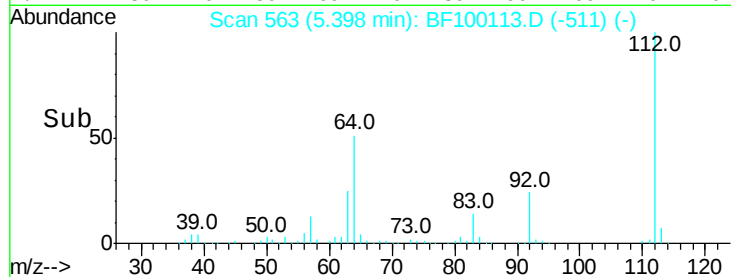
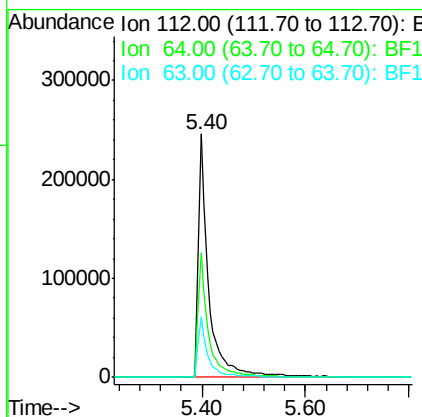
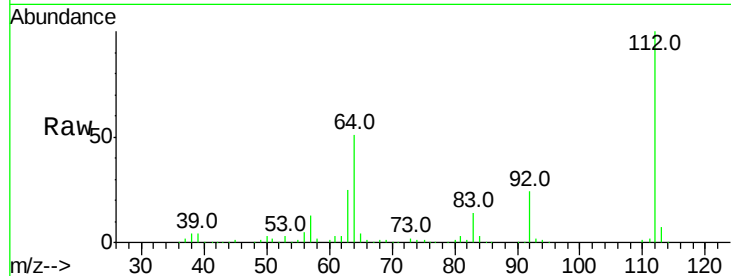
ClientSampleId :

PB103911BSD

Tot Ion:	112	Resp:	339302
Ion Ratio	Lower	Upper	
112	100		
64	51.2	47.9	71.9
63	24.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#6

Aniline

Concen: 24.101 ng

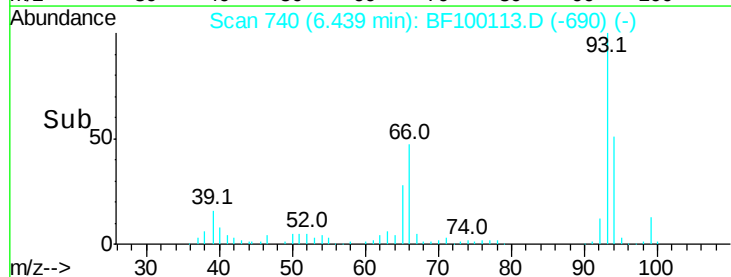
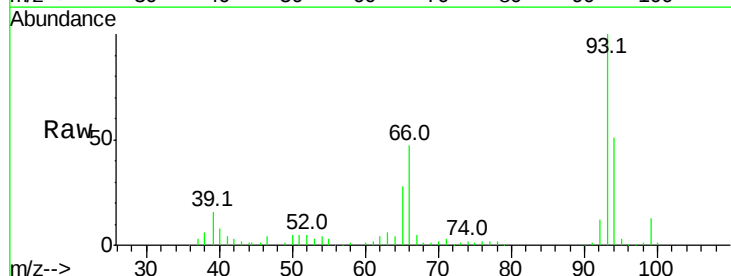
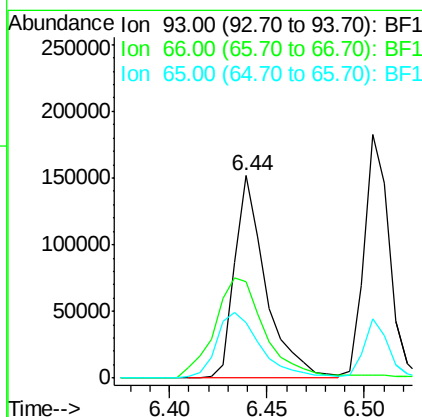
RT: 6.44 min Scan# 740

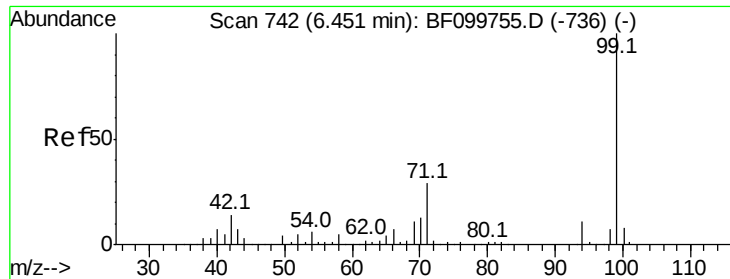
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	93	Resp:	168562
Ion Ratio	Lower	Upper	
93	100		
66	47.4	32.2	48.2
65	27.6	16.4	24.6





#7

Phenol-d6

Concen: 72.242 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

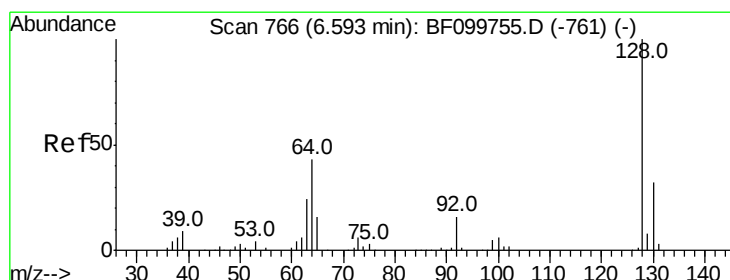
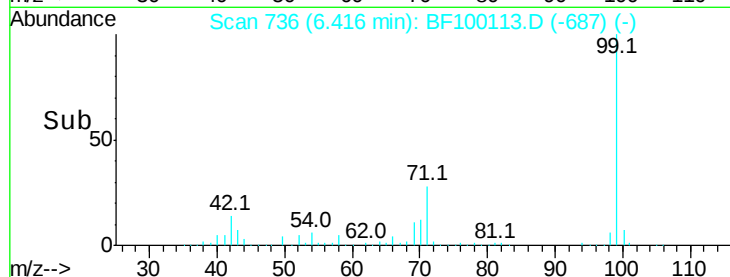
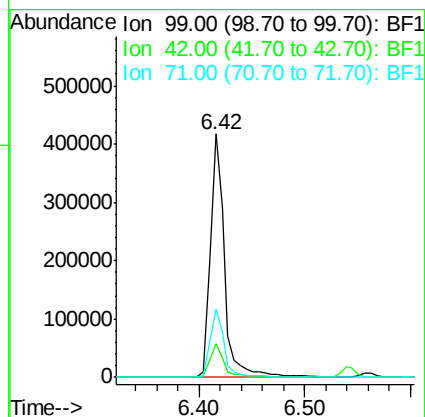
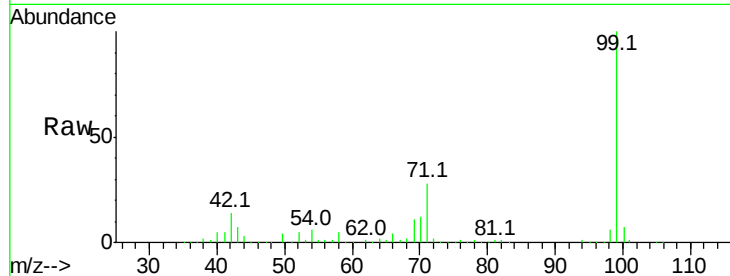
ClientSampleId :

PB103911BSD

Tot Ion:	99	Resp:	389674
Ion Ratio	Lower	Upper	
99	100		
42	13.7	14.5	21.7#
71	28.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#8

2-Chlorophenol

Concen: 38.618 ng

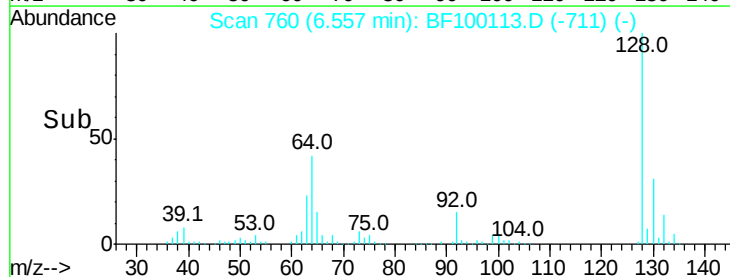
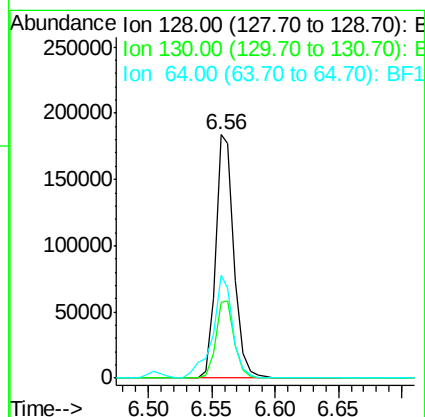
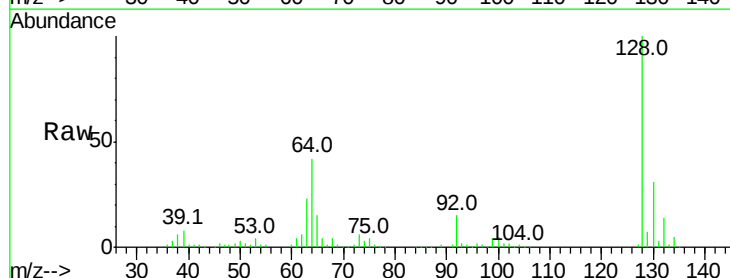
RT: 6.56 min Scan# 760

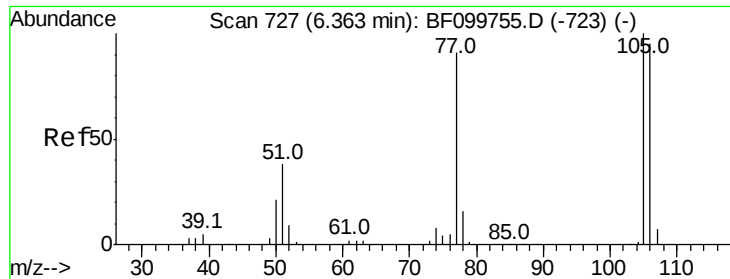
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	128	Resp:	187234
Ion Ratio	Lower	Upper	
128	100		
130	31.3	13.0	53.0
64	42.4	29.4	69.4





#9

Benzaldehyde

Concen: 19.881 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

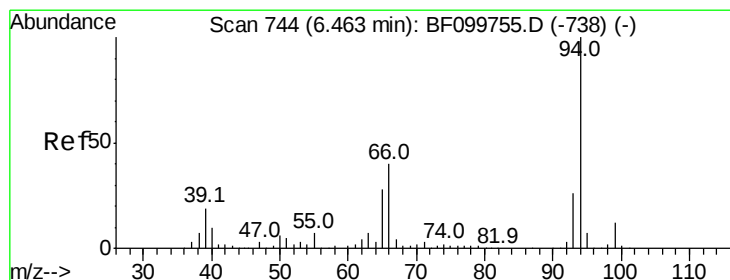
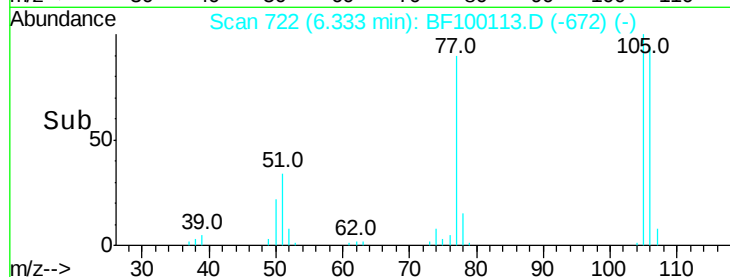
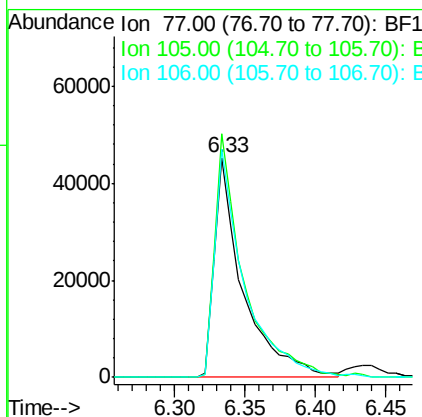
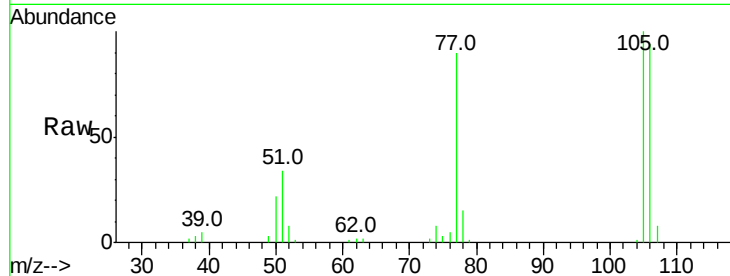
ClientSampleId :

PB103911BSD

Tot Ion:	77	Resp:	64081
Ion	Ratio	Lower	Upper
77	100		
105	110.8	81.1	121.1
106	104.0	74.5	114.5

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#10

Phenol

Concen: 36.681 ng

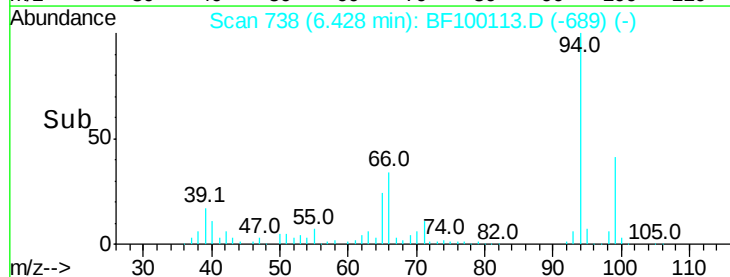
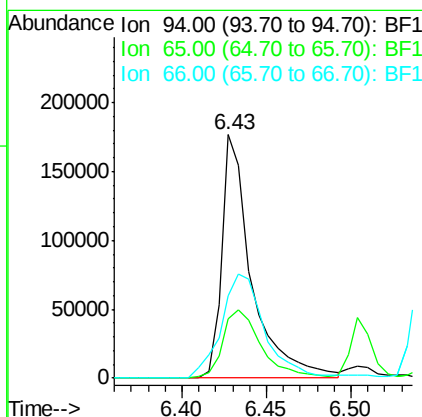
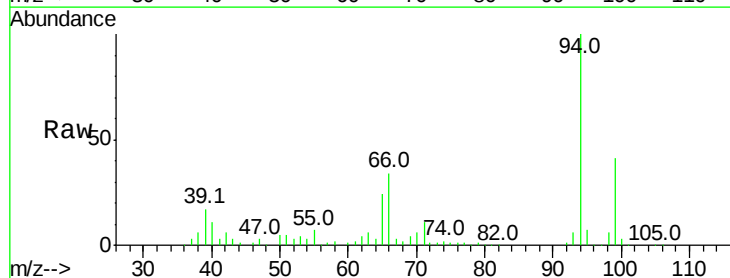
RT: 6.43 min Scan# 738

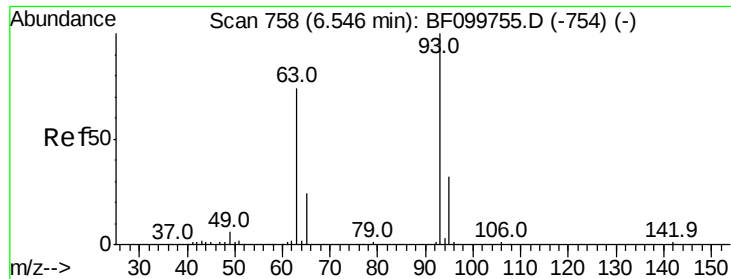
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	94	Resp:	217236
Ion	Ratio	Lower	Upper
94	100		
65	24.2	7.9	47.9
66	33.8	16.2	56.2





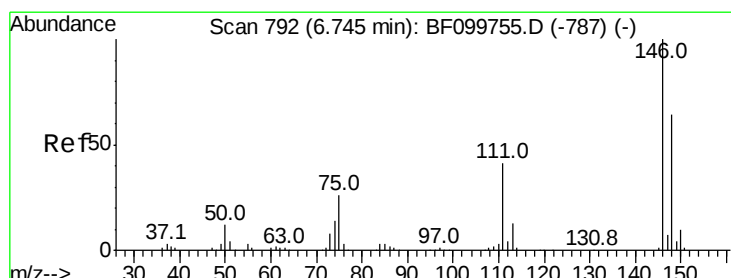
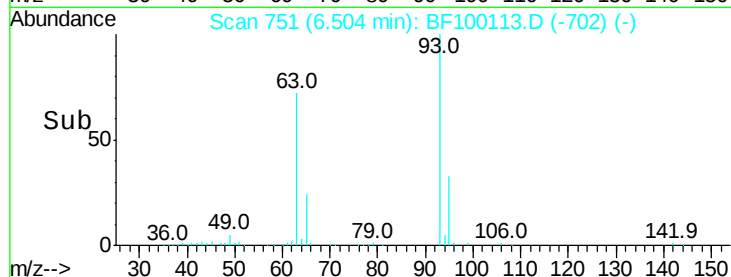
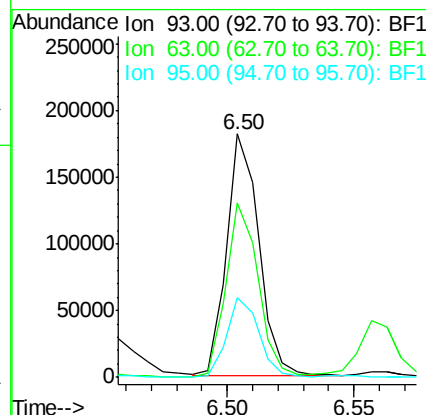
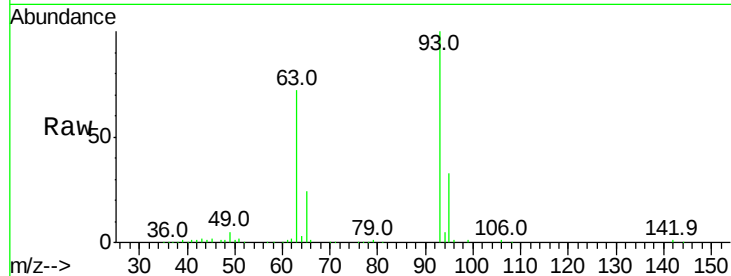
#11
bis(2-Chloroethyl)ether
Concen: 34.994 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	160037		
63	71.6	58.6	98.6	
95	32.5	11.8	51.8	

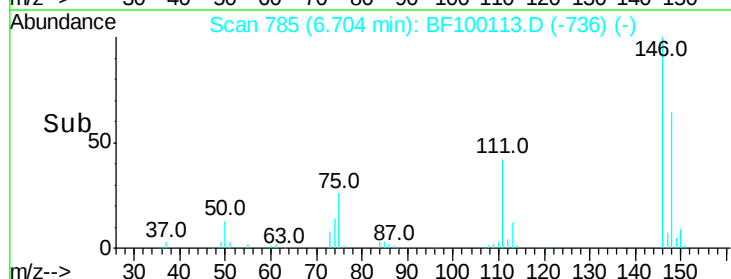
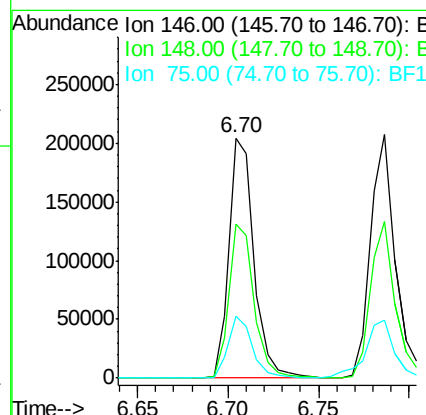
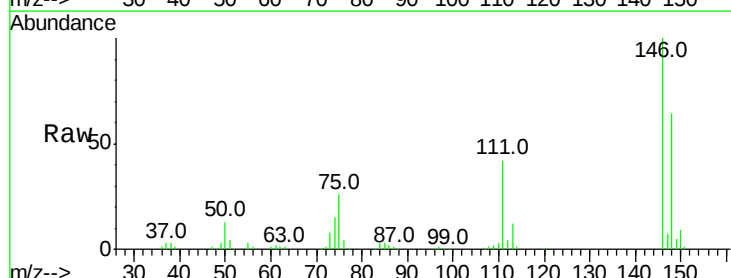
Manual Integrations
APPROVED

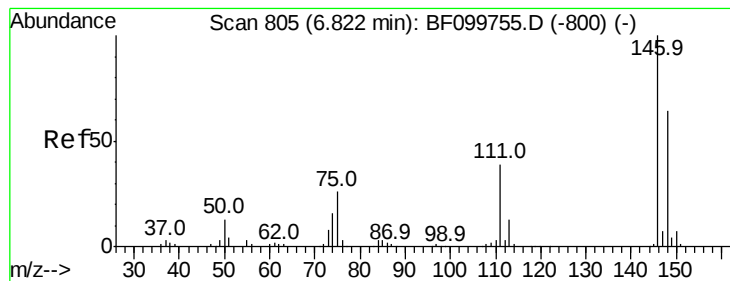
Sohil
11/3/2017 11:21:01 AM



#12
1,3-Dichlorobenzene
Concen: 36.155 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196824		
148	64.1	51.8	77.8	
75	25.9	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 36.532 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

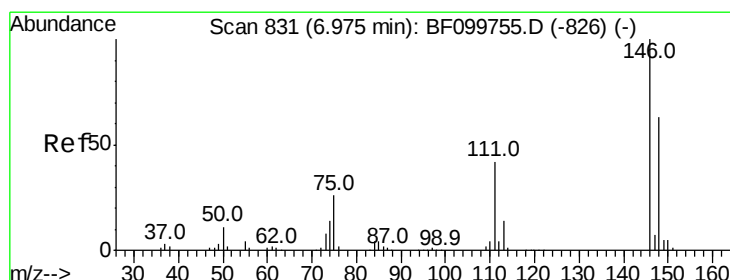
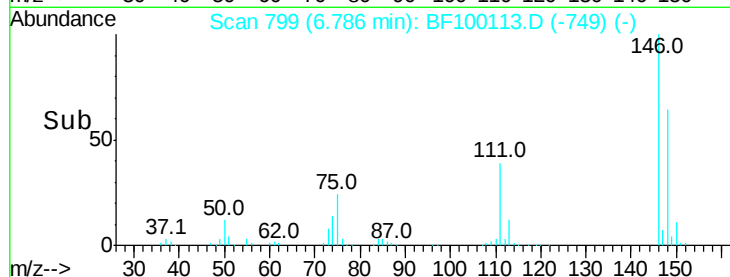
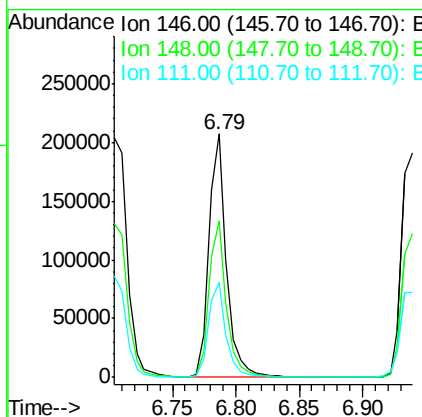
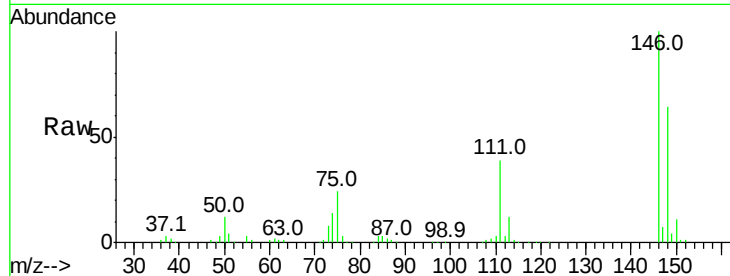
ClientSampled :

PB103911BSD

Tot Ion:	146	Resp:	201844
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	38.8	34.2	51.2

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#14

1,2-Dichlorobenzene

Concen: 37.151 ng

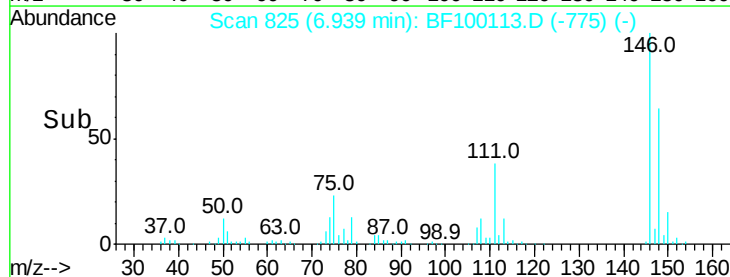
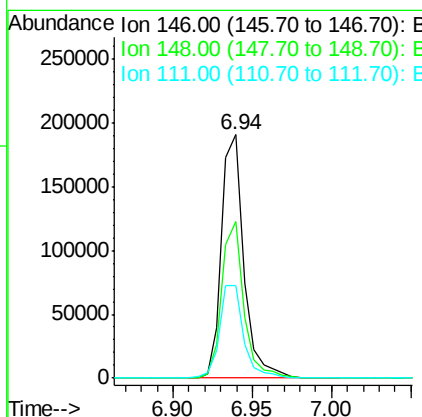
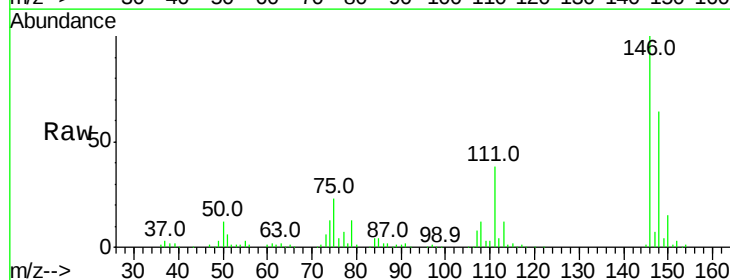
RT: 6.94 min Scan# 825

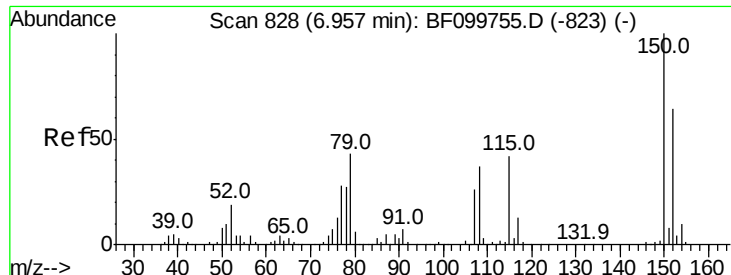
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	146	Resp:	187076
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	37.9	36.0	54.0





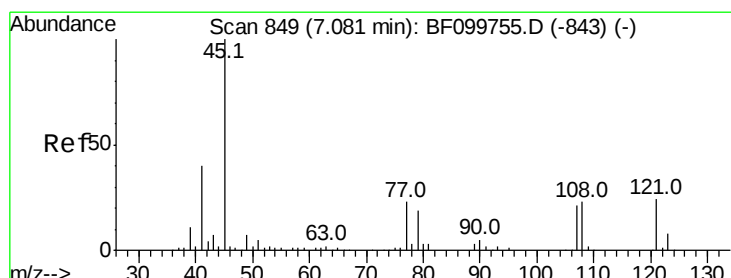
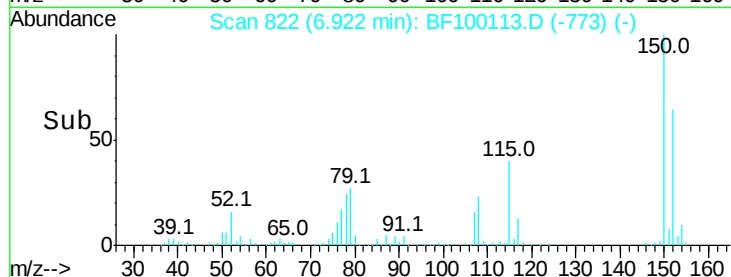
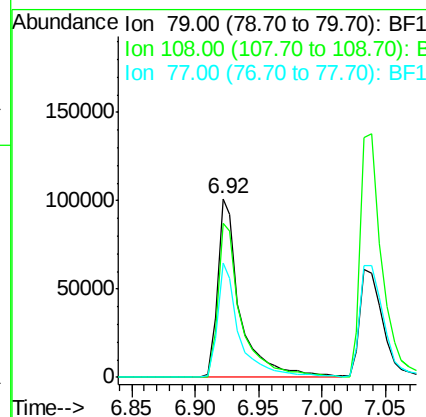
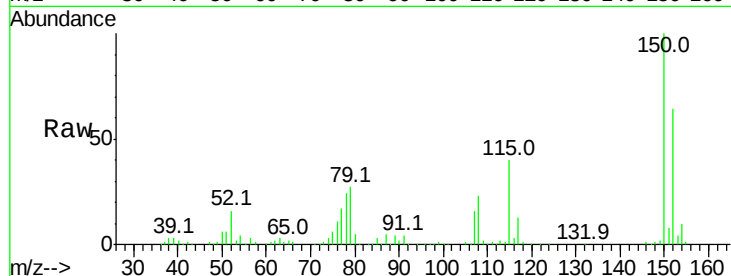
#15
Benzyl Alcohol
Concen: 36.978 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.2	65.1	97.7
77	64.0	50.6	75.8

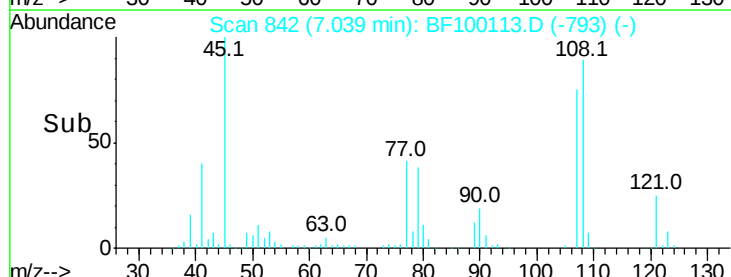
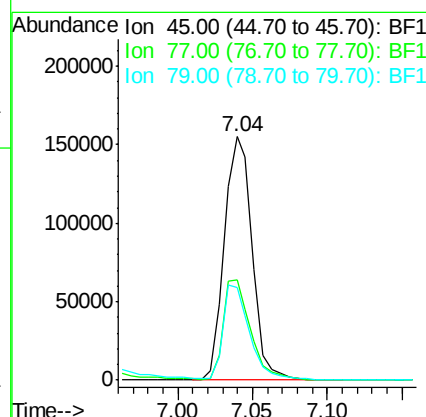
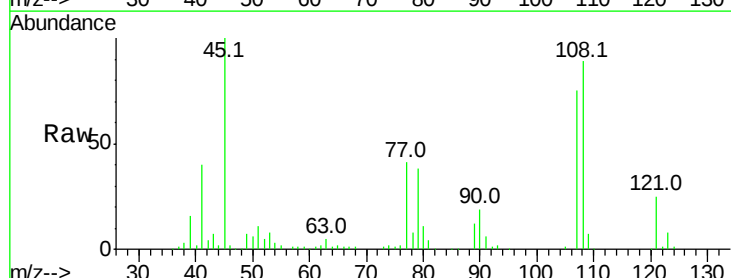
Manual Integrations
APPROVED

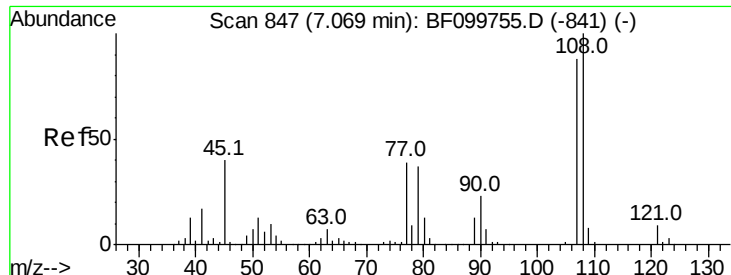
Sohil
11/3/2017 11:21:01 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.072 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.0	0.0	32.9#
79	38.2	0.0	29.6#





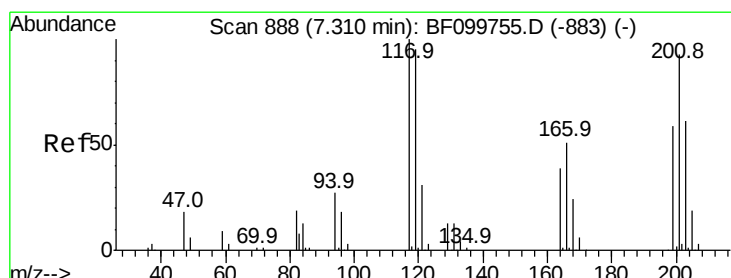
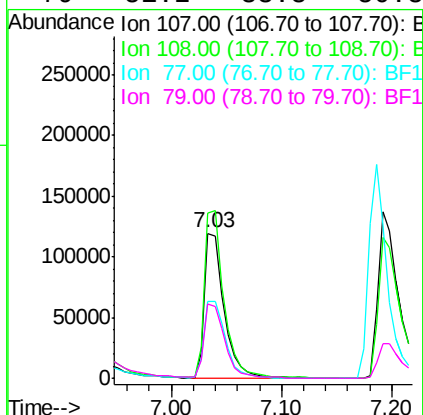
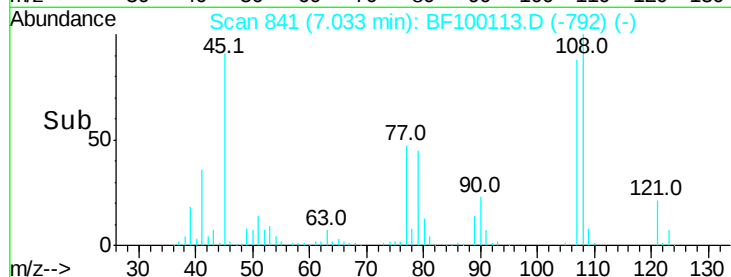
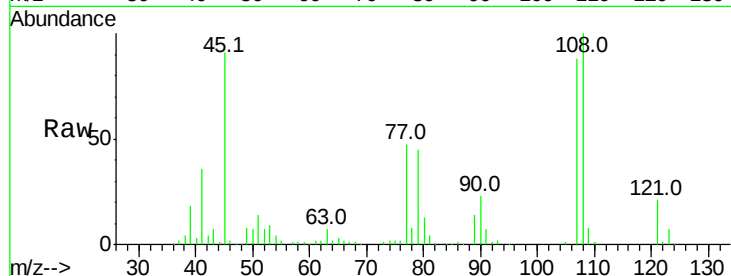
#17
2-Methylphenol
Concen: 35.535 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	53.1	33.8	50.8#
79	51.2	33.8	50.8#

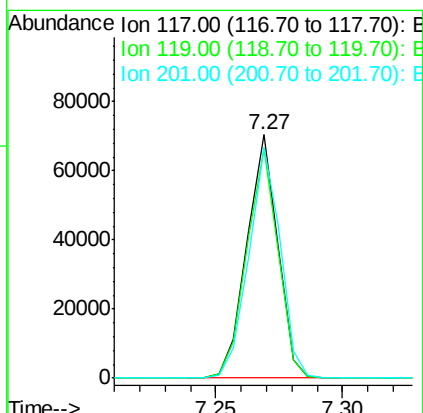
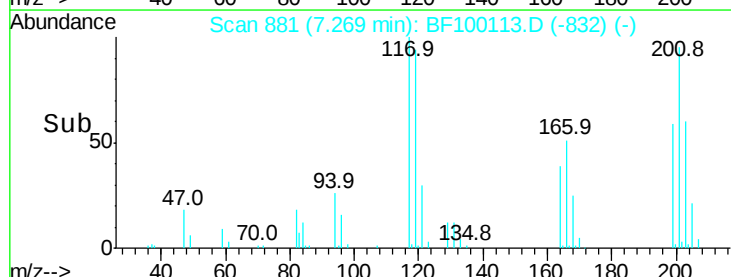
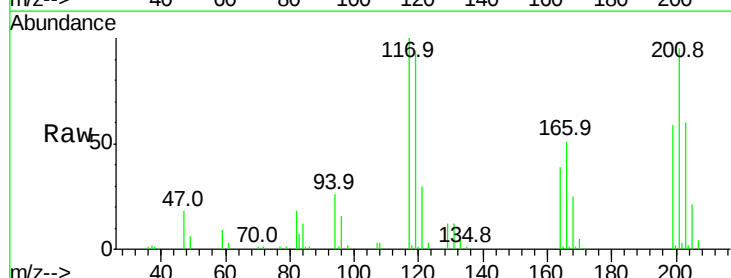
Manual Integrations
APPROVED

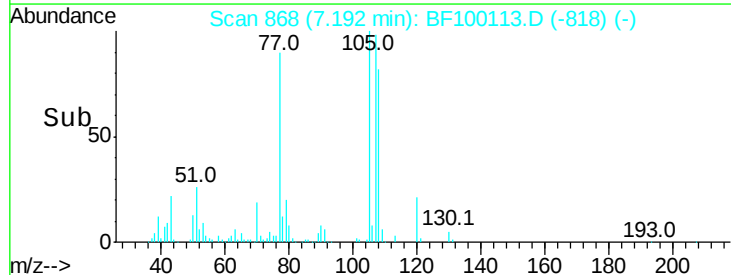
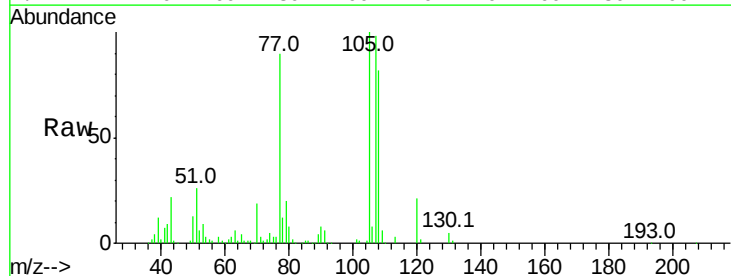
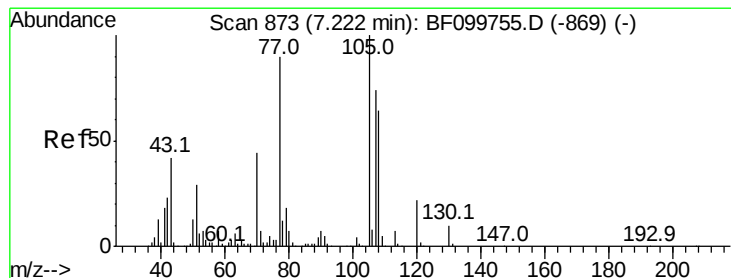
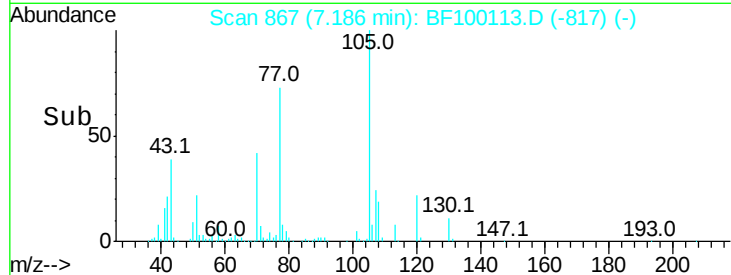
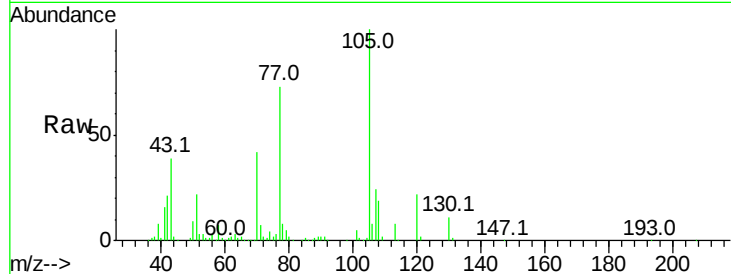
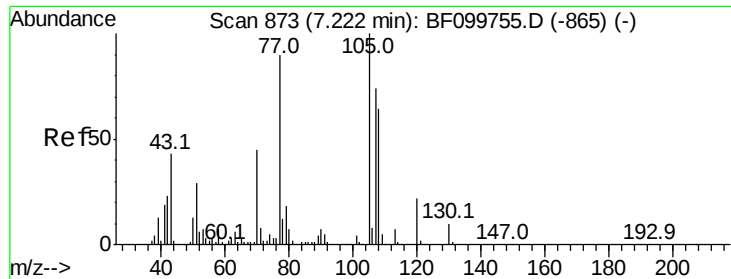
Sohil
11/3/2017 11:21:01 AM



#18
Hexachloroethane
Concen: 32.436 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	94.8	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.552 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

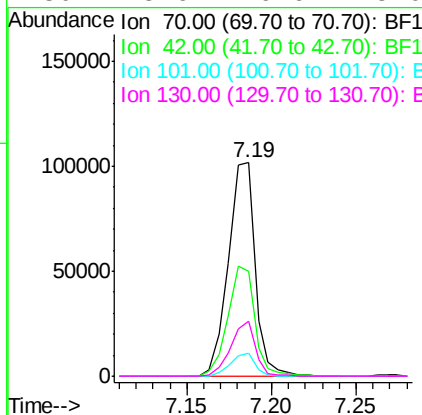
ClientSampleId :

PB103911BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	10.8	7.4	11.2
130	25.6	16.6	25.0#

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#20

3+4-Methylphenols

Concen: 41.599 ng

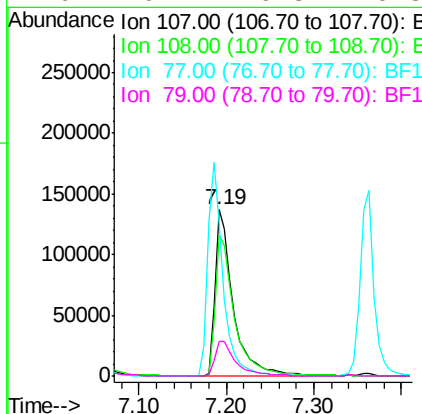
RT: 7.19 min Scan# 868

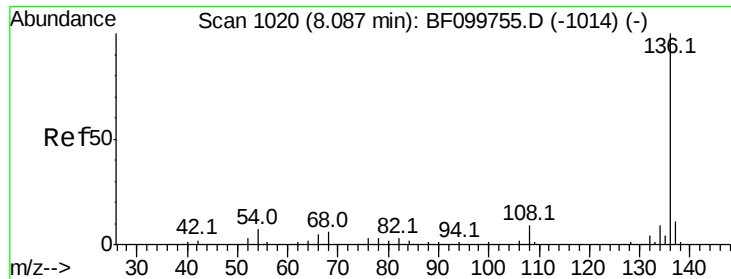
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.6	68.2	108.2
77	92.1	26.7	66.7#
79	20.7	6.3	46.3





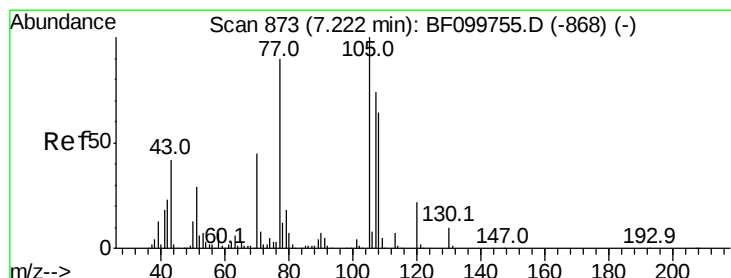
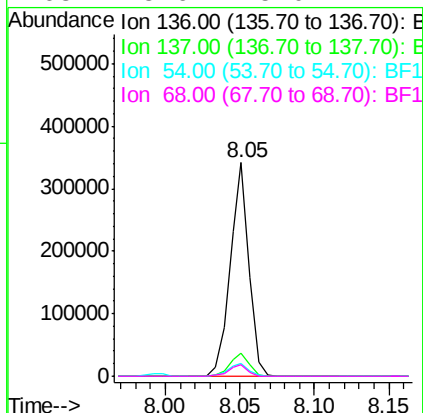
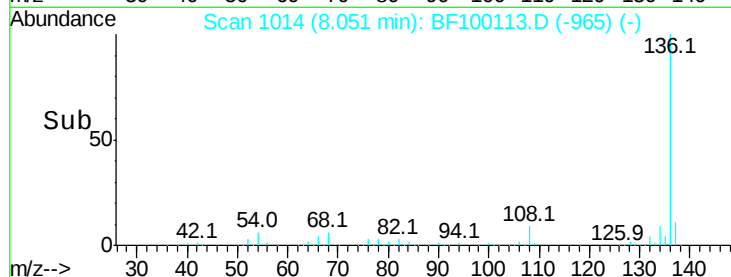
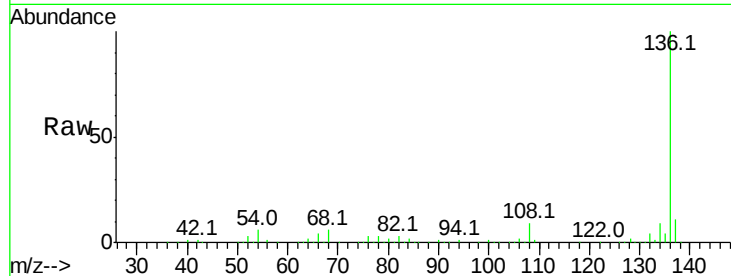
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.2	6.6	9.8	
68	5.6	5.0	7.4	

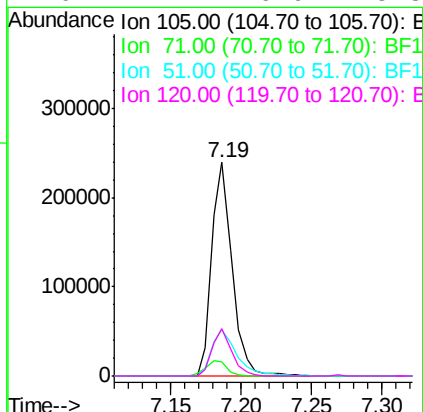
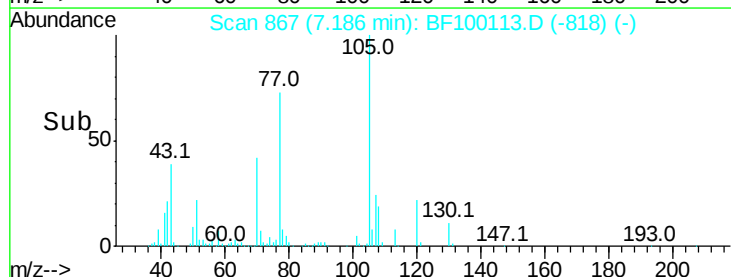
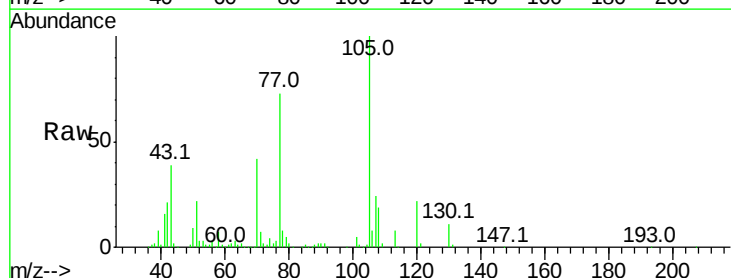
Manual Integrations
APPROVED

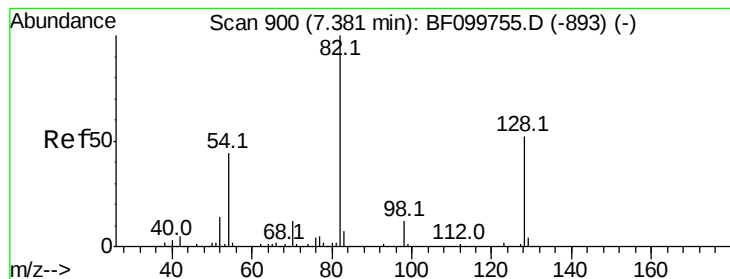
Sohil
11/3/2017 11:21:01 AM



#22
Acetophenone
Concen: 35.104 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.8	4.4	6.6	
51	21.6	22.3	33.5	
120	22.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 68.161 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

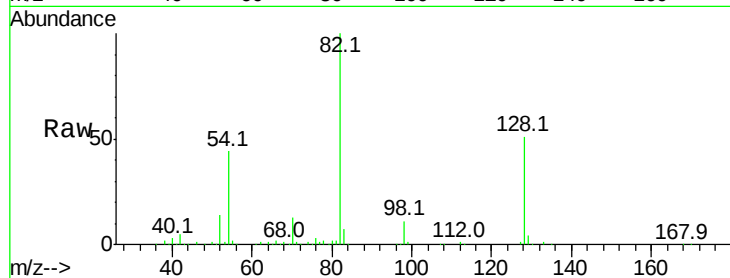
ClientSampleId :

PB103911BSD

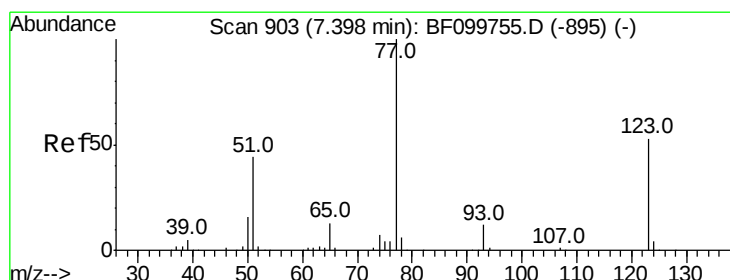
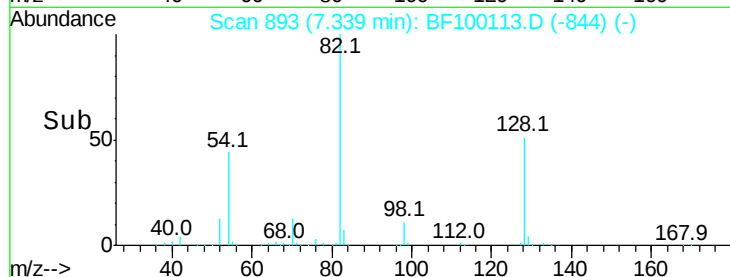
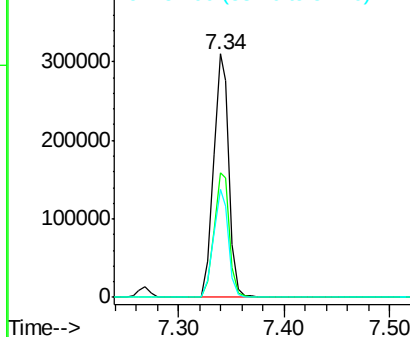
Tot Ion:	82	Resp:	318575
Ion Ratio	Lower	Upper	
82	100		
128	51.4	36.1	54.1
54	44.1	41.4	62.2

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.867 ng

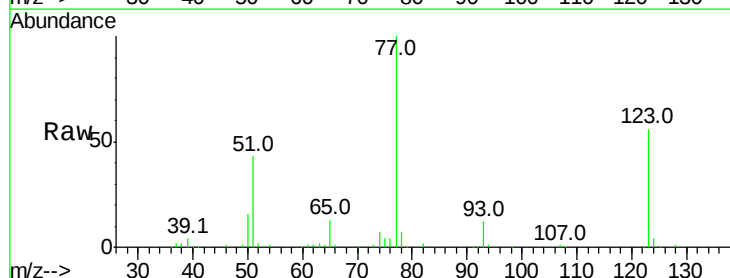
RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

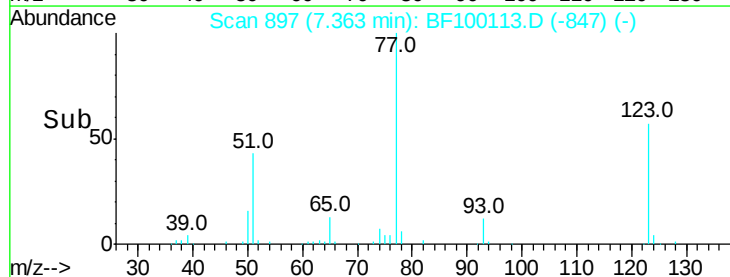
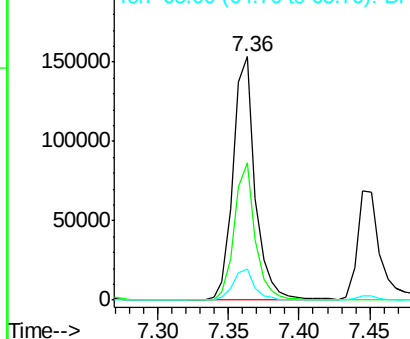
Lab File: BF100113.D

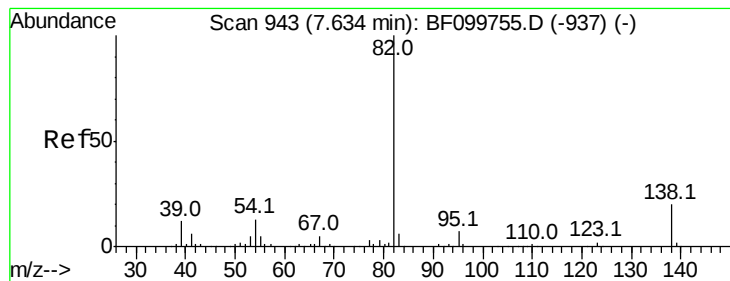
Acq: 3 Nov 2017 5:00

Tgt Ion:	77	Resp:	168910
Ion Ratio	Lower	Upper	
77	100		
123	56.3	37.9	56.9
65	12.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.783 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

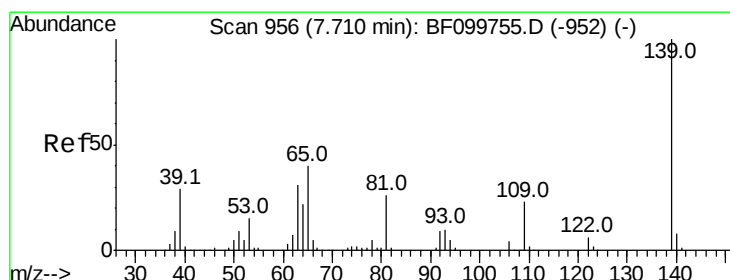
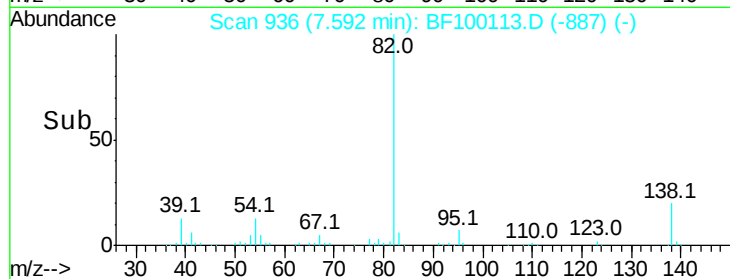
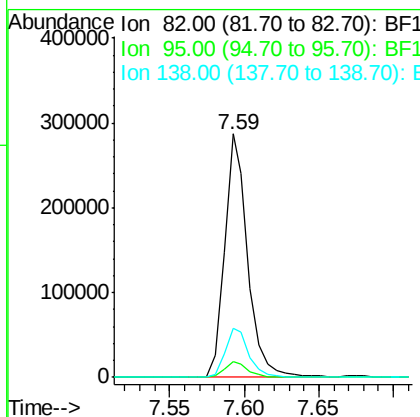
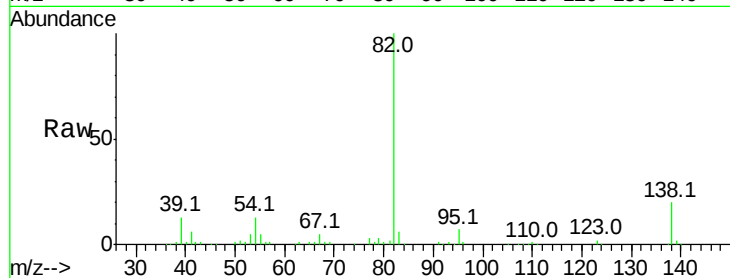
ClientSampleId :

PB103911BSD

Tot Ion:	82	Resp:	311955
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	20.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#26

2-Nitrophenol

Concen: 35.630 ng

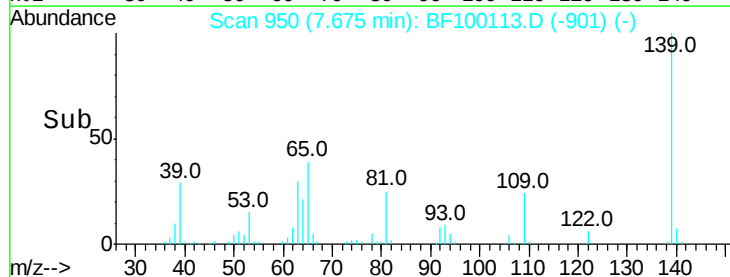
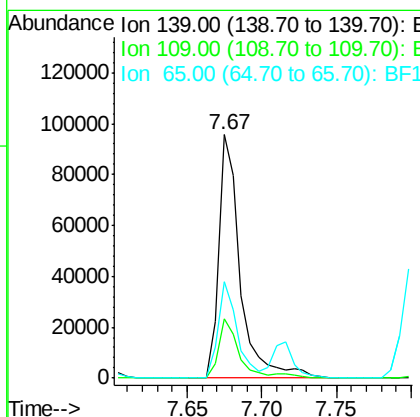
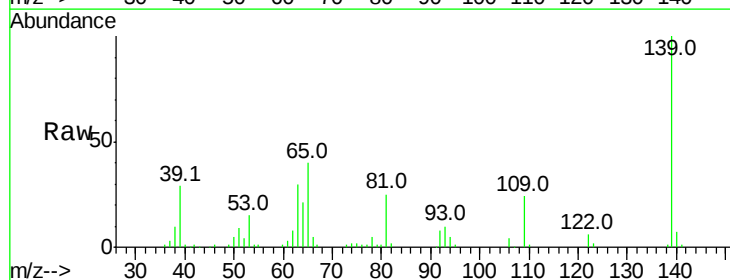
RT: 7.67 min Scan# 950

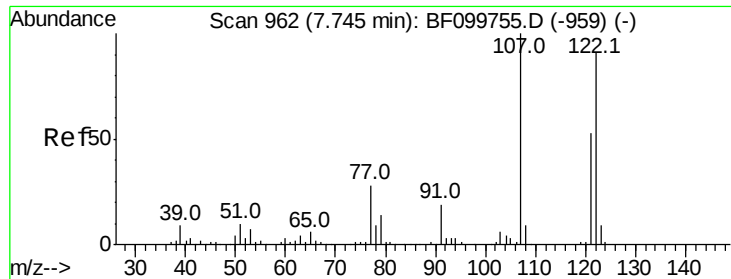
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	139	Resp:	96105
Ion Ratio		Lower	Upper
139	100		
109	24.1	22.7	34.1
65	39.5	40.5	60.7#





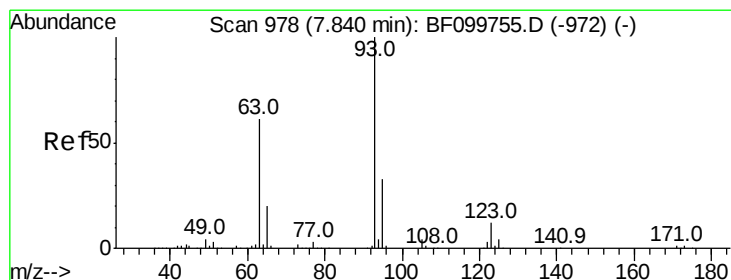
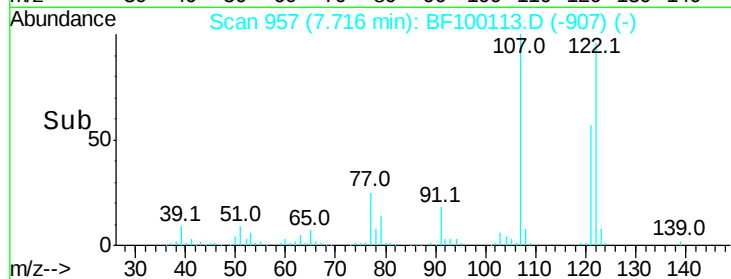
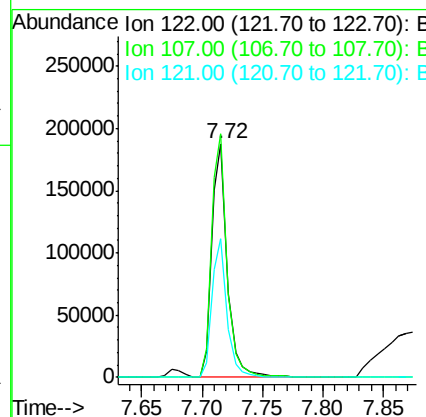
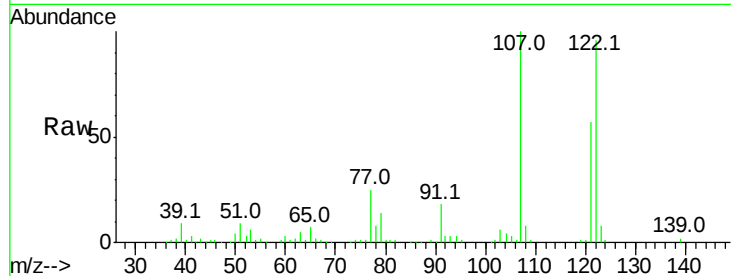
#27
2,4-Dimethylphenol
Concen: 41.796 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampled :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166105		
107	104.3	91.2	136.8	
121	59.5	47.2	70.8	

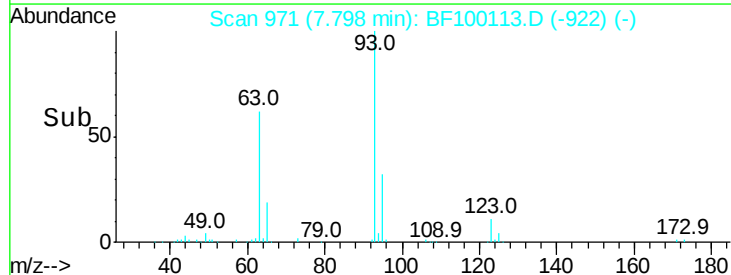
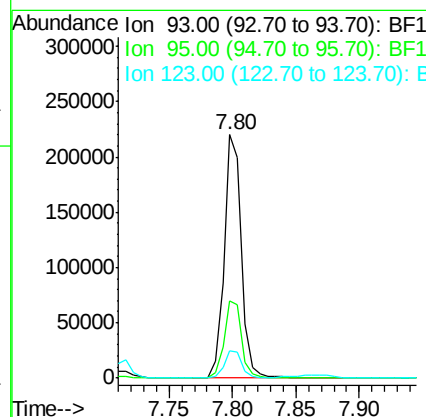
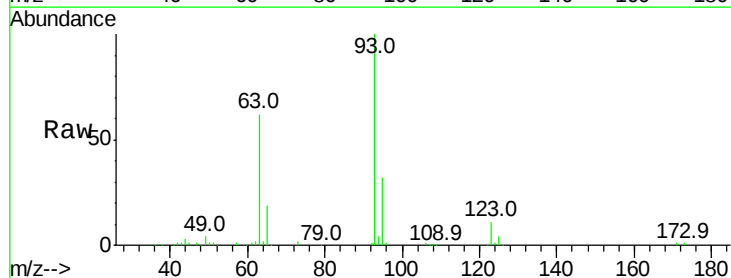
Manual Integrations
APPROVED

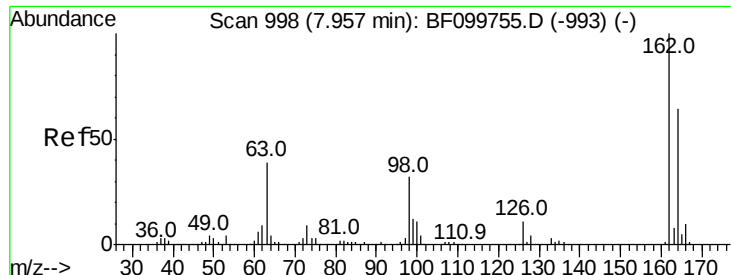
Sohil
11/3/2017 11:21:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.225 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209226		
95	31.6	26.3	39.5	
123	11.1	9.8	14.6	





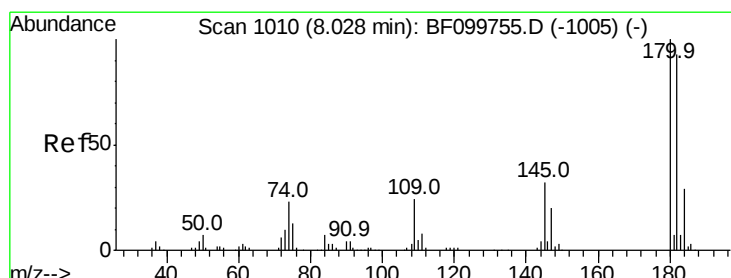
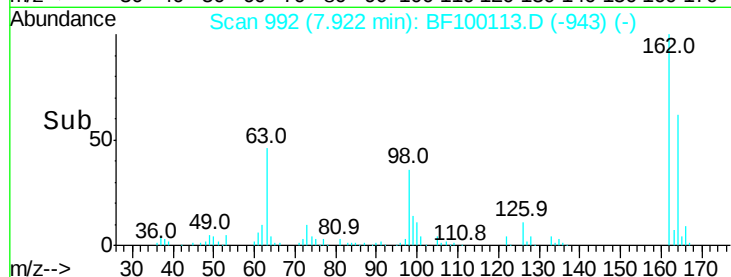
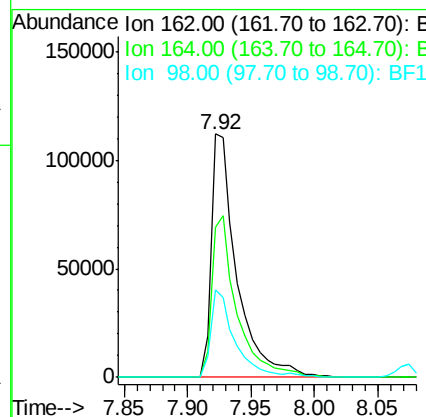
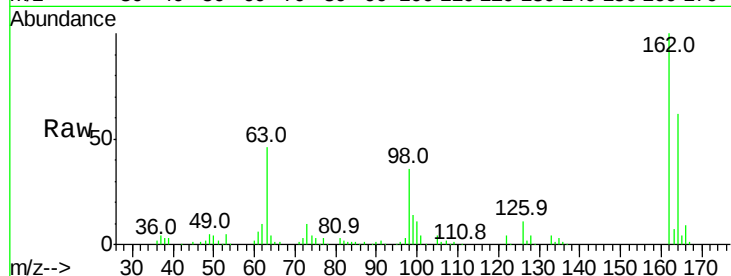
#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.8	42.7	82.7
98	36.1	18.1	58.1

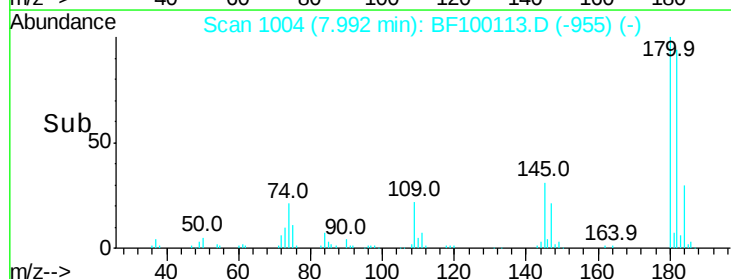
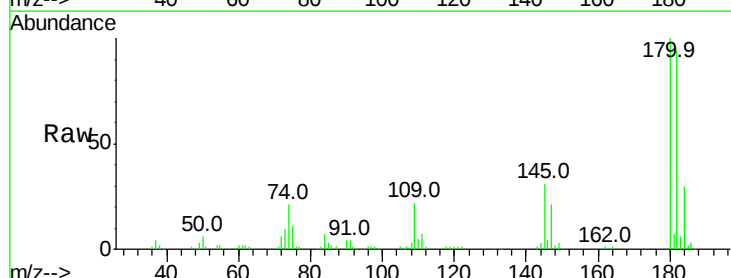
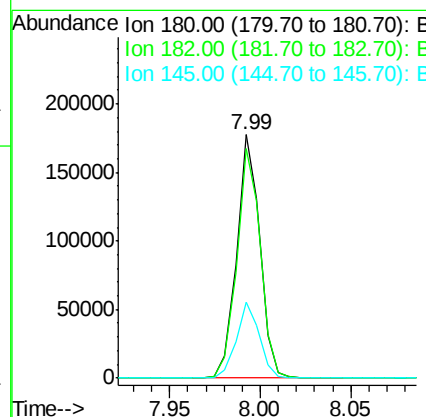
Manual Integrations
APPROVED

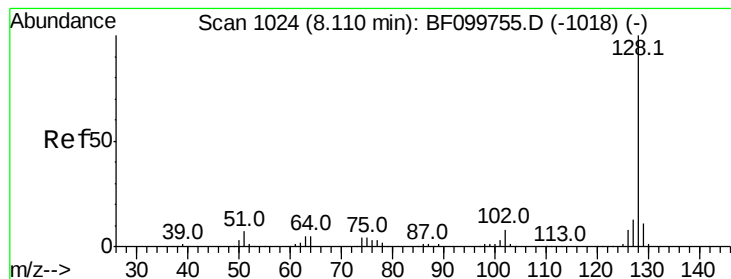
Sohil
11/3/2017 11:21:01 AM



#30
1,2,4-Trichlorobenzene
Concen: 35.683 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.2	76.8	115.2
145	31.2	26.5	39.7





#31

Naphthalene

Concen: 36.029 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

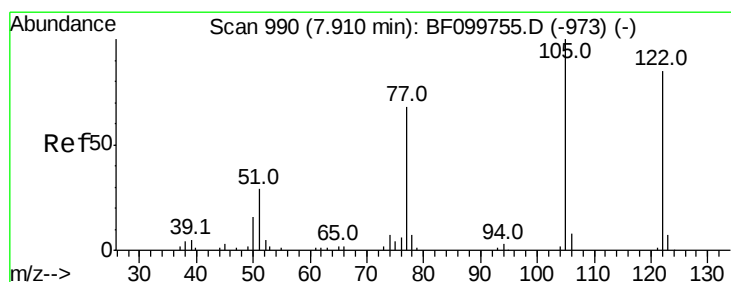
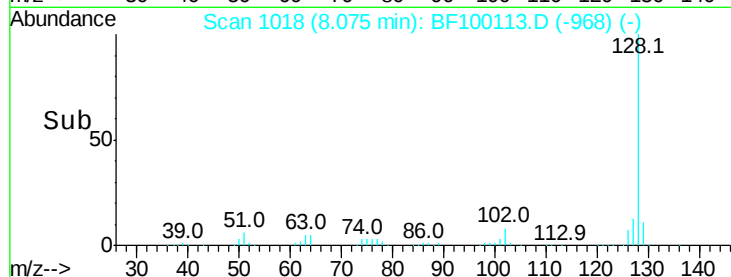
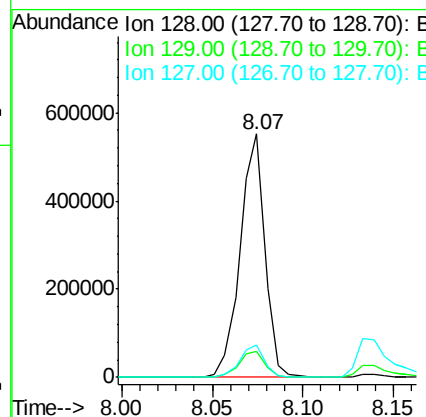
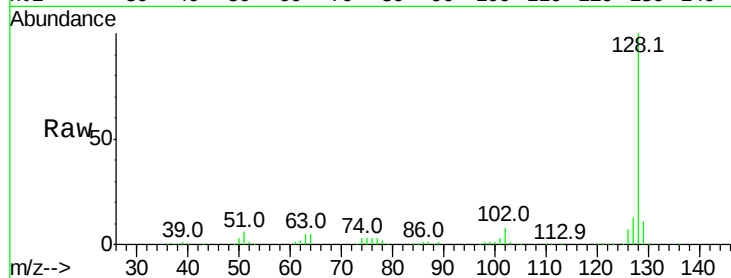
ClientSampleId :

PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	523318		
129	10.8		8.8	13.2
127	13.1		10.9	16.3

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#32

Benzoic acid

Concen: 26.839 ng

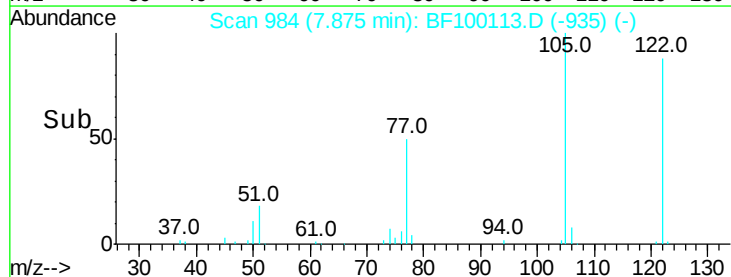
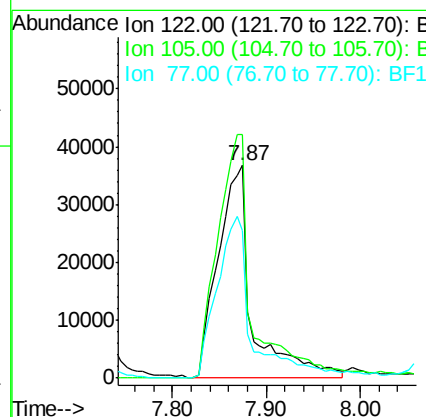
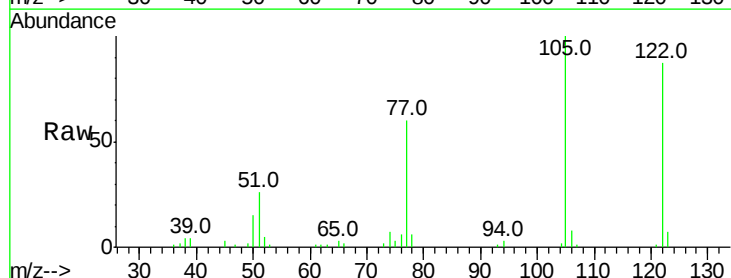
RT: 7.87 min Scan# 984

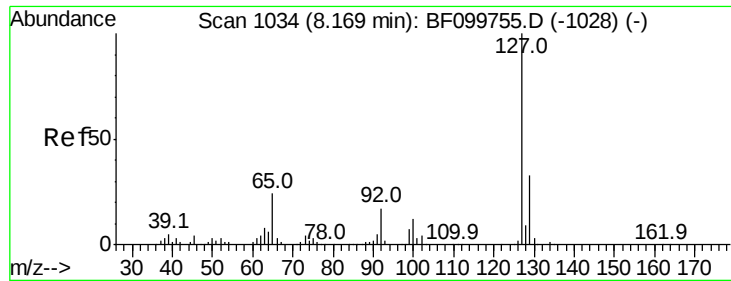
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	93887		
105	114.5		101.1	141.1
77	69.1		70.7	110.7#





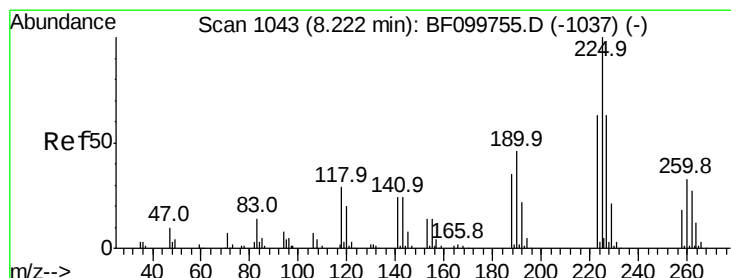
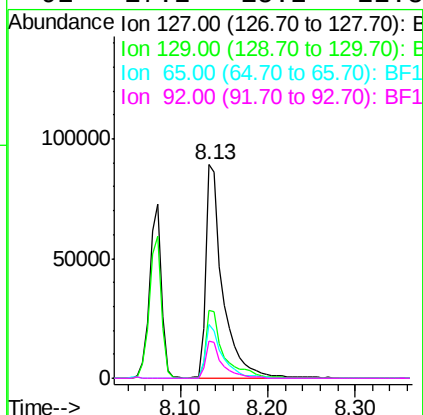
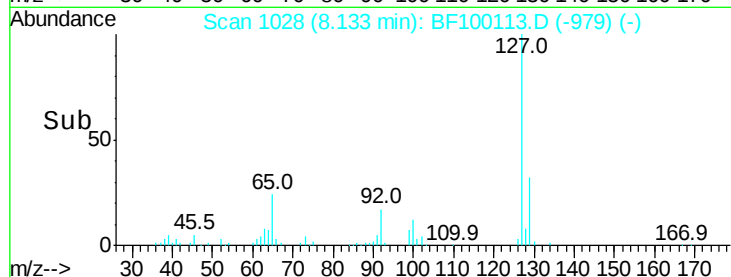
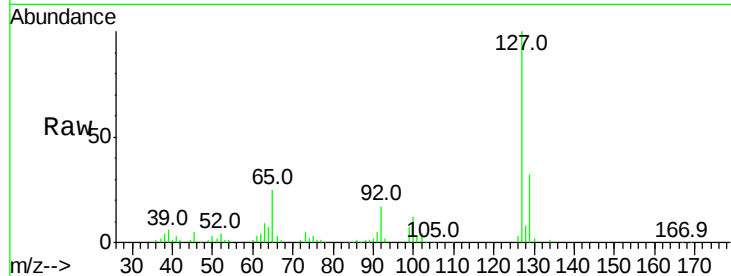
#33
4-Chloroaniline
Concen: 20.067 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.8	25.9	38.9
65	25.2	25.0	37.4
92	17.2	15.2	22.8

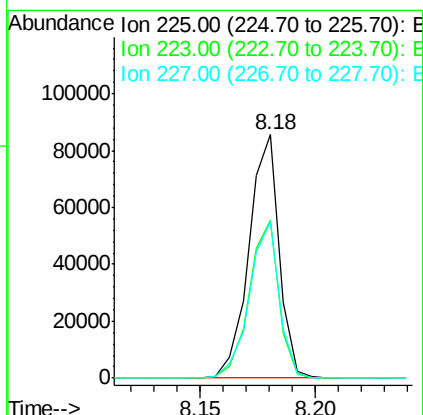
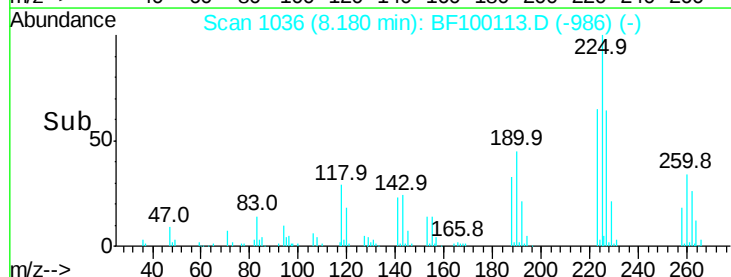
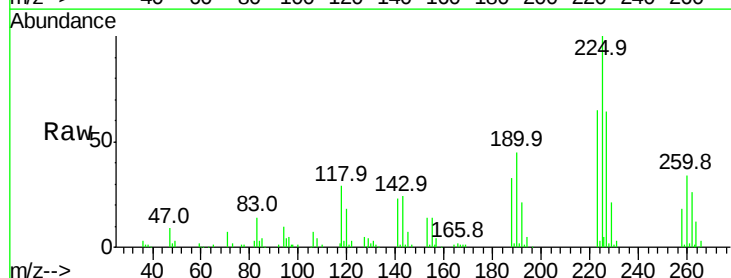
Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#34
Hexachlorobutadiene
Concen: 34.498 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.9	50.6	76.0
227	64.5	51.9	77.9





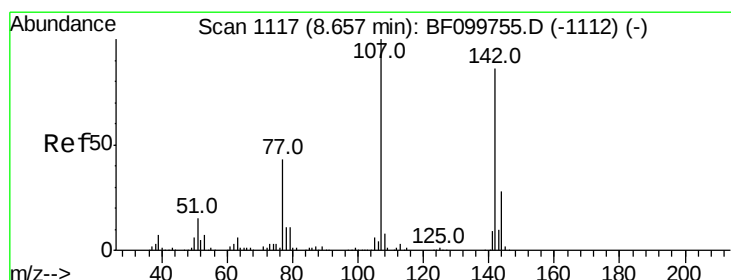
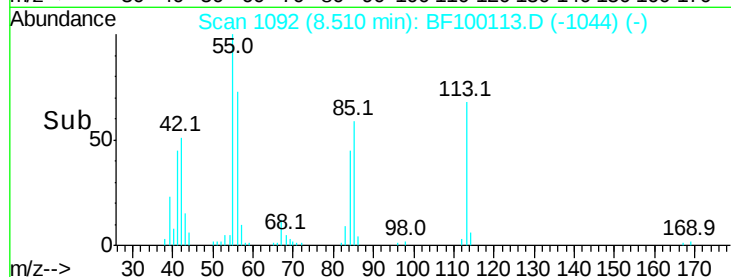
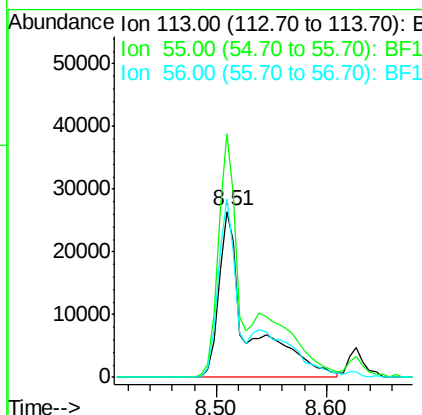
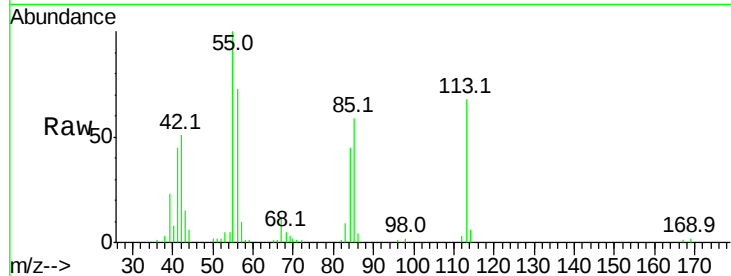
#35
Caprolactam
Concen: 37.657 ng m
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion:113 Resp: 48890
Ion Ratio Lower Upper
113 100
55 147.0 163.3 203.3#
56 107.4 115.7 155.7#

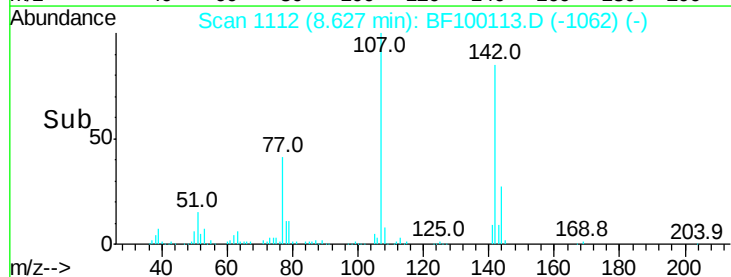
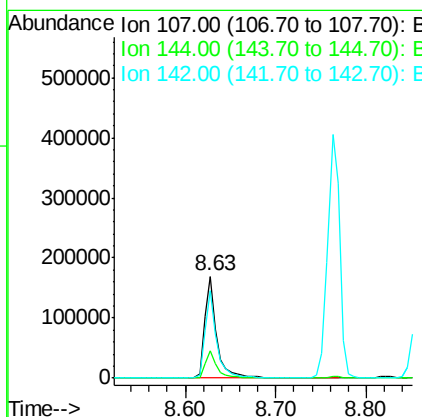
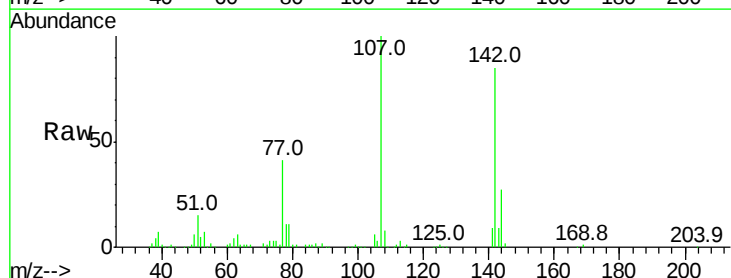
Manual Integrations
APPROVED

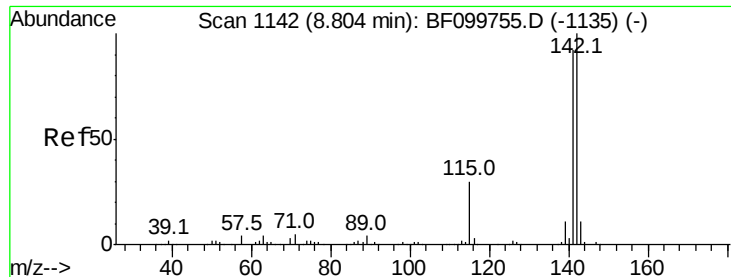
Sohil
11/3/2017 11:21:01 AM



#36
4-Chloro-3-methylphenol
Concen: 37.177 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion:107 Resp: 156659
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 85.5 62.0 93.0





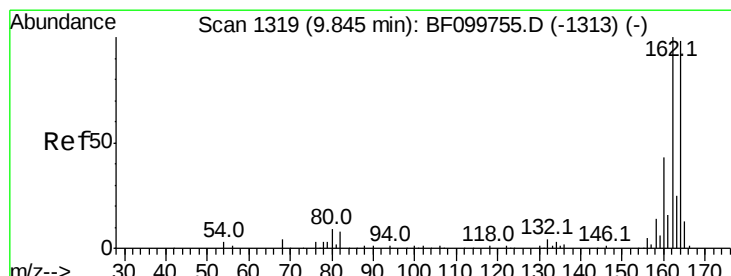
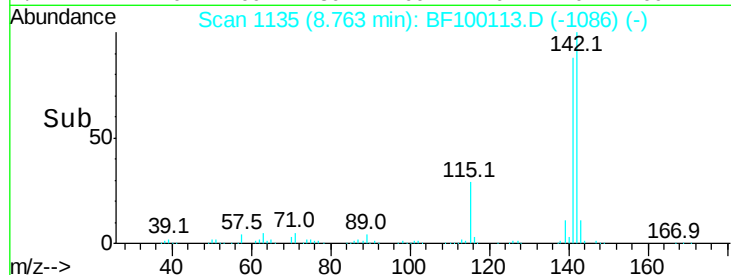
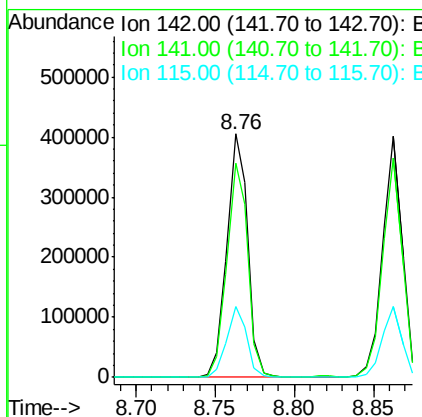
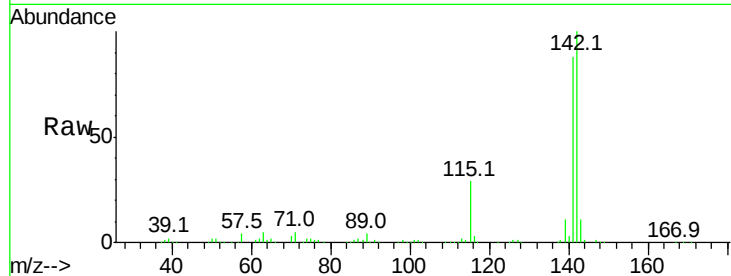
#37
2-Methylnaphthalene
Concen: 37.835 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	29.1	26.1	39.1

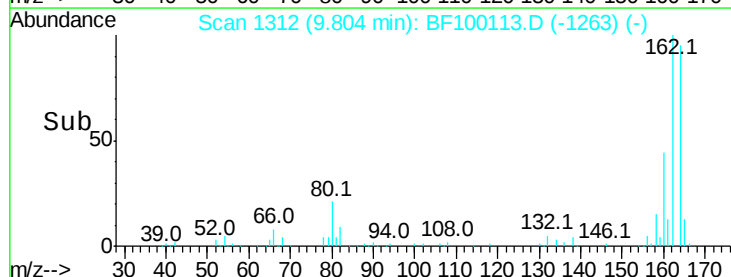
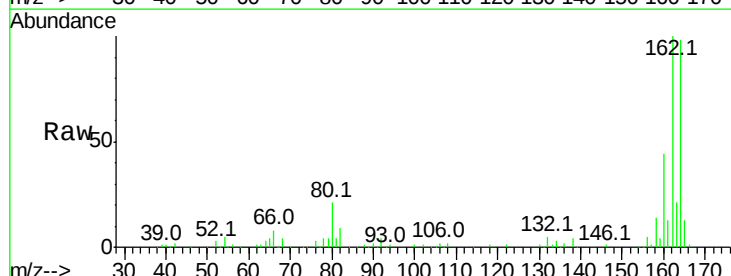
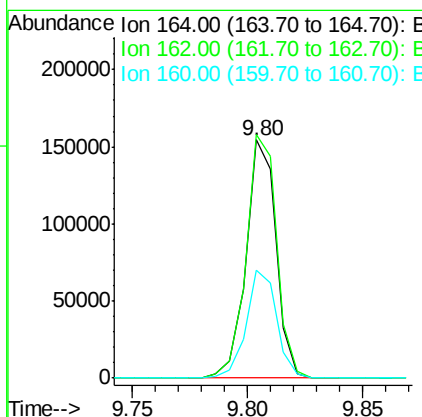
Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.2	38.3	57.5





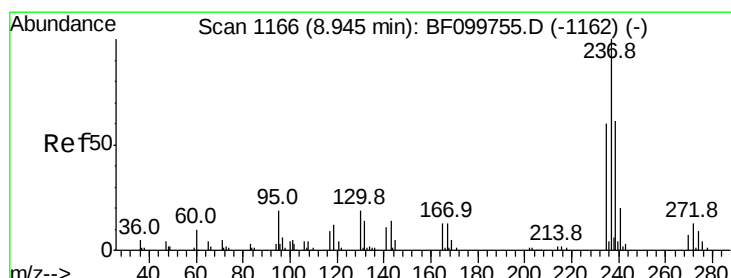
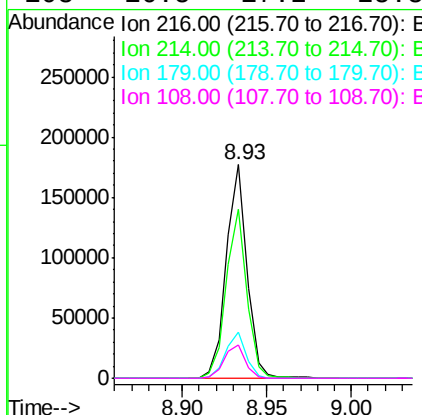
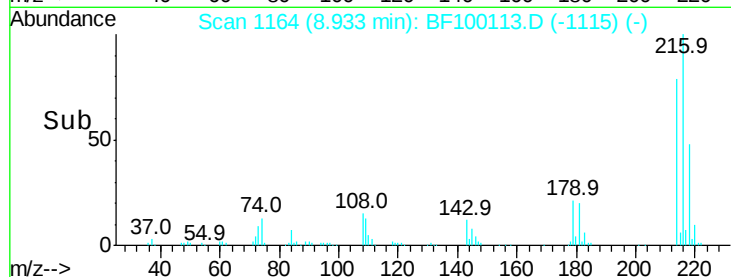
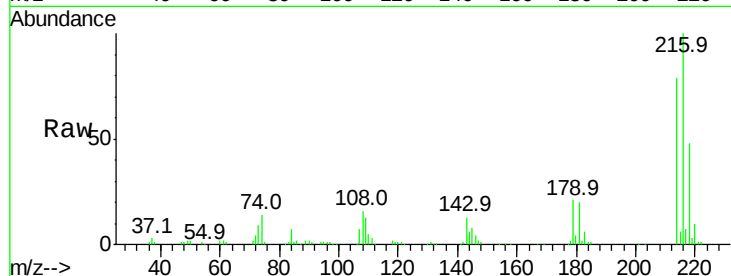
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.290 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.0	94.4	
179	21.3	18.1	27.1	
108	16.5	17.2	25.8	

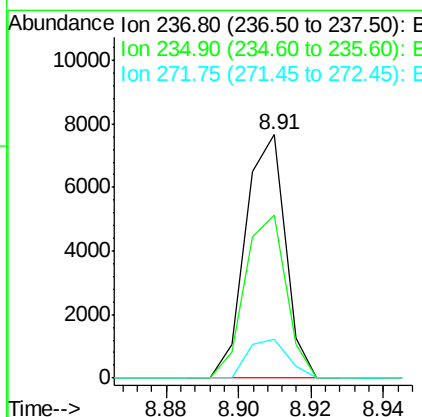
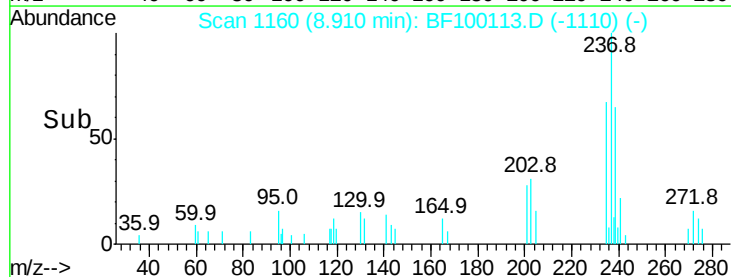
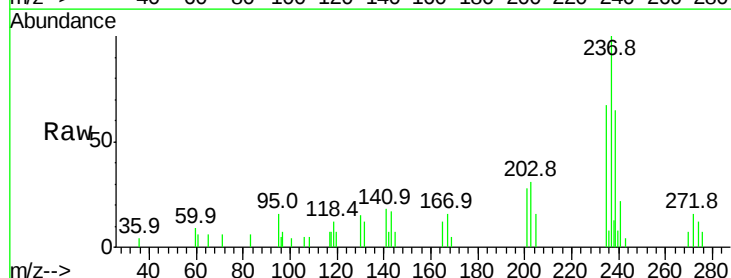
Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:21:01 AM



#40
 Hexachlorocyclopentadiene
 Concen: 17.421 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	66.7	44.8	84.8	
272	15.8	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 68.829 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

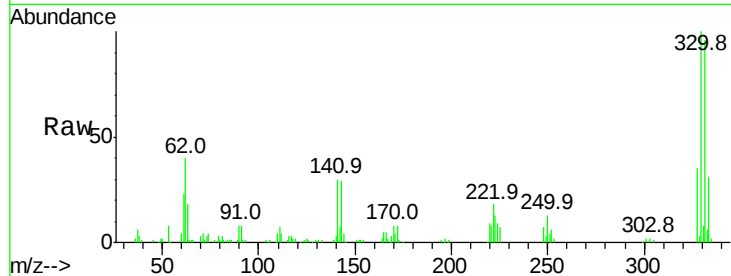
ClientSampleId :

PB103911BSD

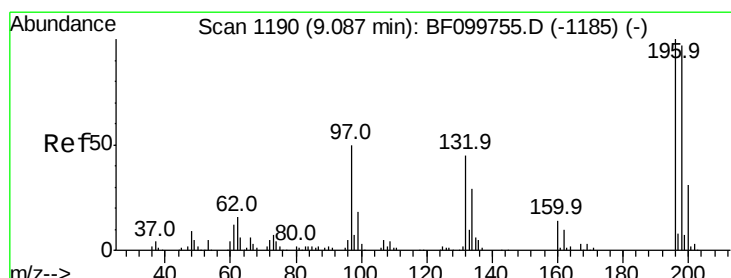
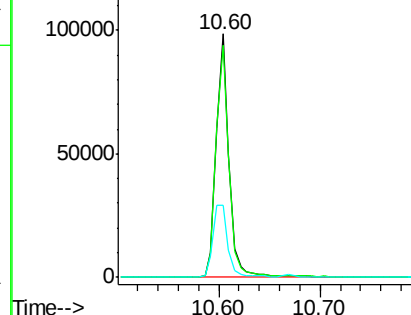
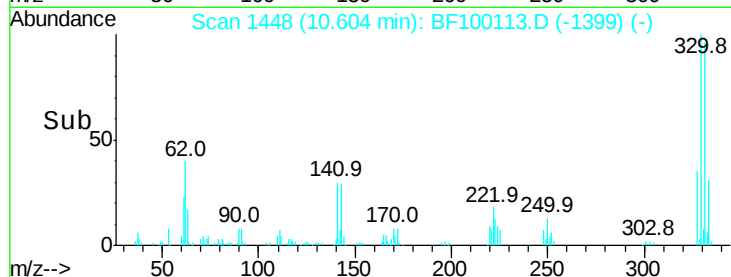
Tot Ion:	330	Resp:	87795
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	34.4	29.9	44.9

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



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



#42

2,4,6-Trichlorophenol

Concen: 37.427 ng

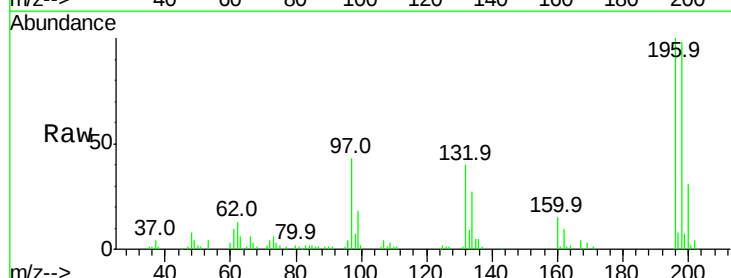
RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

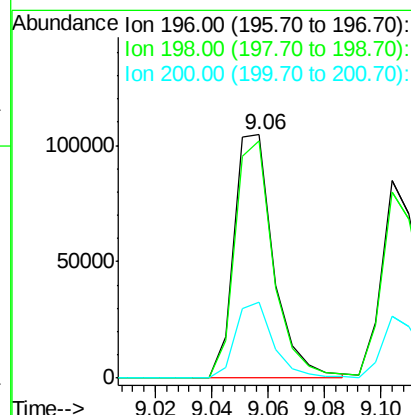
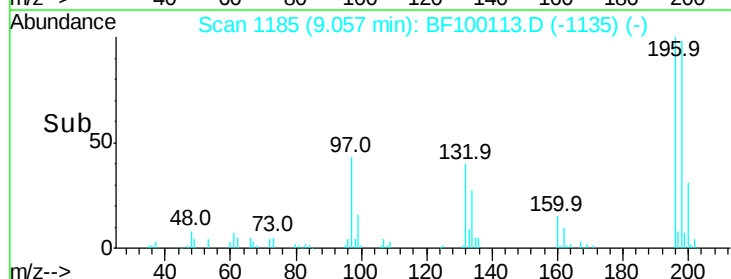
Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	196	Resp:	102341
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.7	113.5
200	30.9	24.5	36.7



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





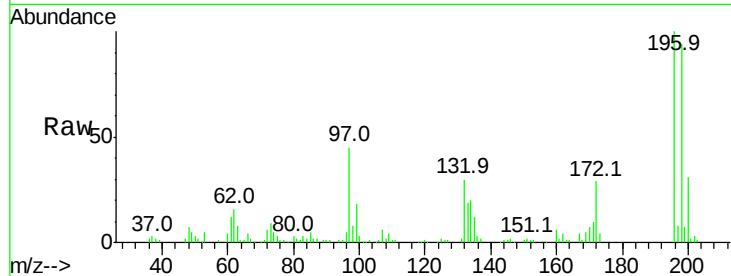
#43
2,4,5-Trichlorophenol
Concen: 34.864 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

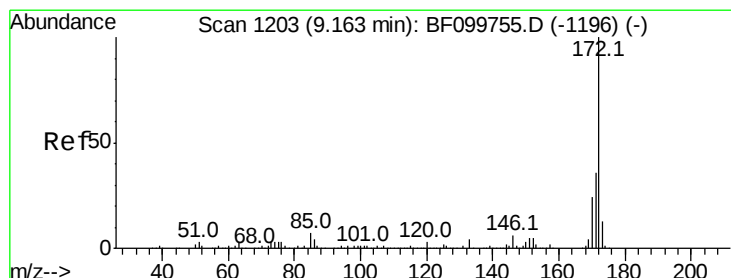
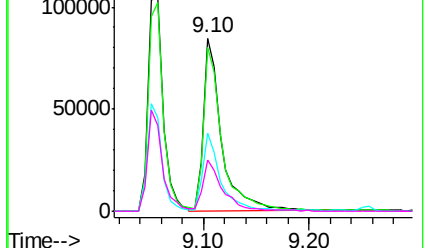
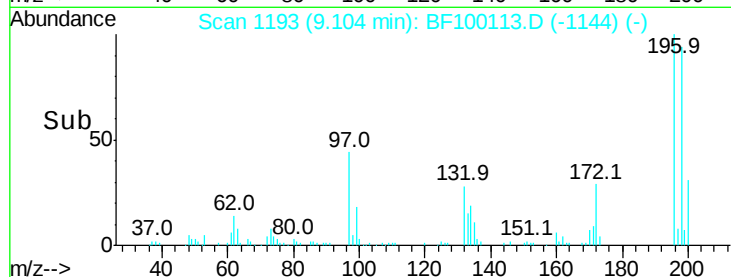
Tot Ion	Ratio	Resp	Lower	Upper
196	100	101166		
198	94.3	74.6	112.0	
97	45.4	42.9	64.3	
132	29.8	26.3	39.5	

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM

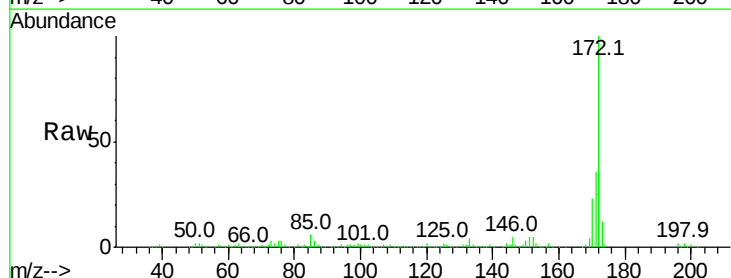


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

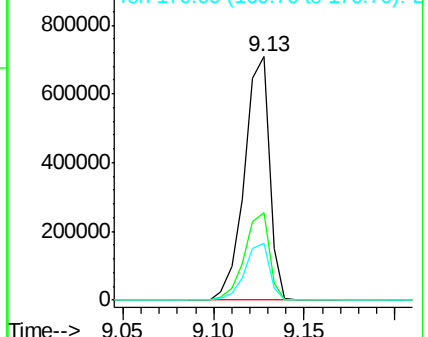
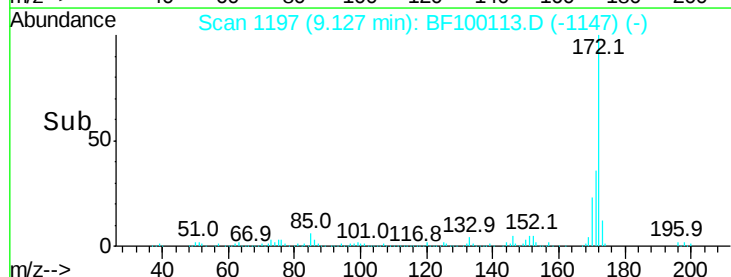


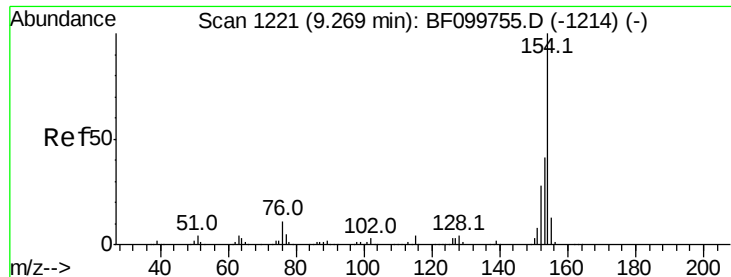
#44
2-Fluorobiphenyl
Concen: 74.931 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	679779		
171	35.7	29.7	44.5	
170	23.4	19.6	29.4	



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





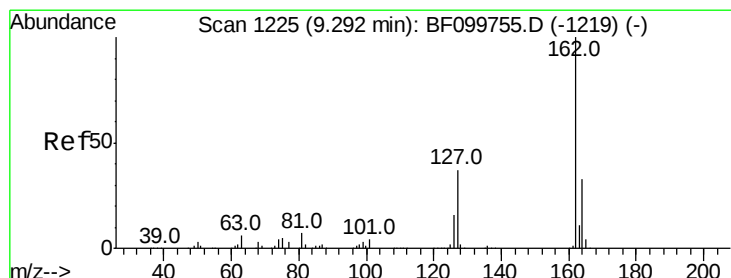
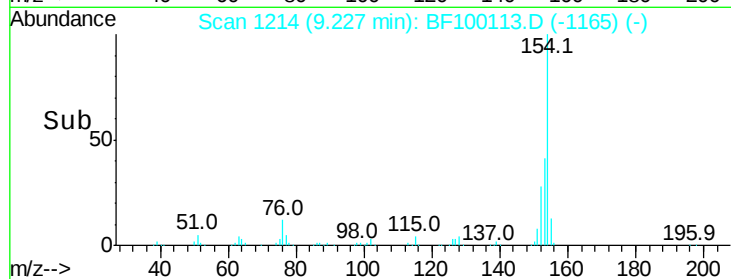
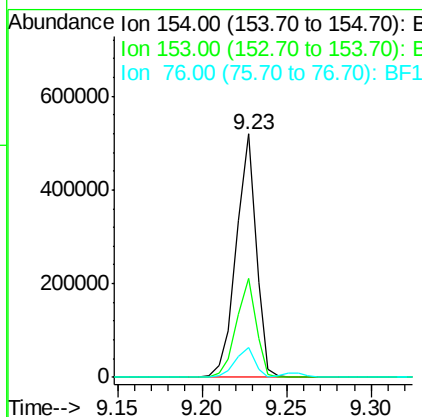
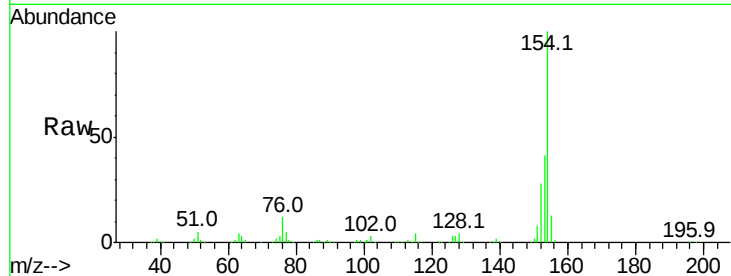
#45
1,1'-Biphenyl
Concen: 33.649 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	12.2	0.0	34.0	

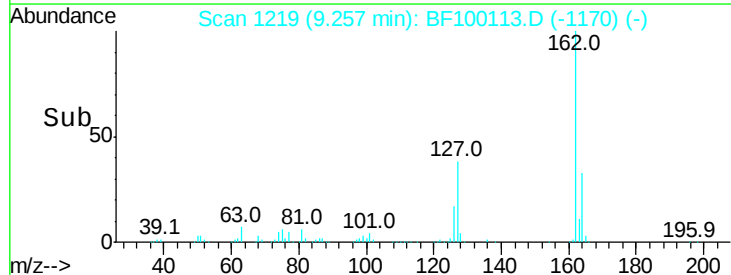
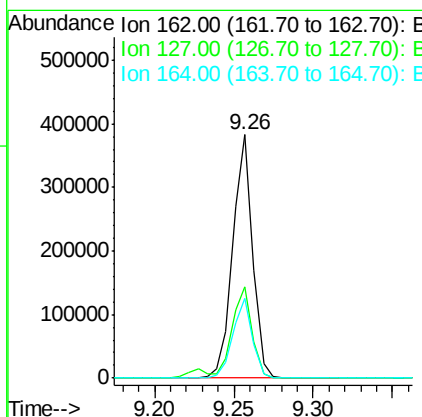
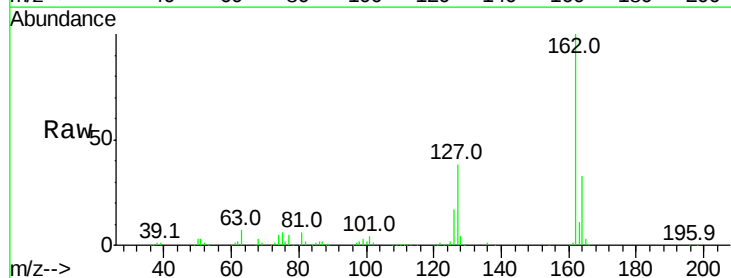
Manual Integrations
APPROVED

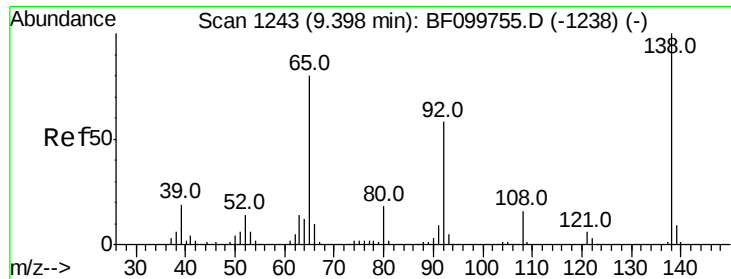
Sohil
11/3/2017 11:21:01 AM



#46
2-Chloronaphthalene
Concen: 36.129 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	33.9	50.9	
164	32.6	26.5	39.7	





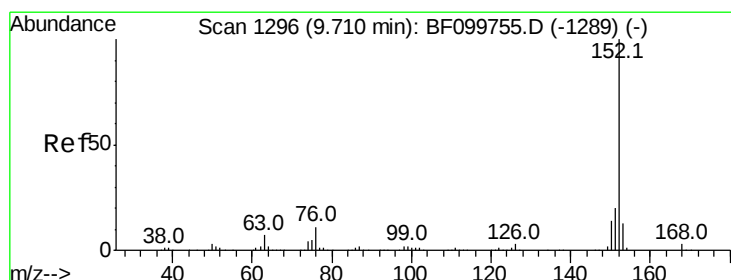
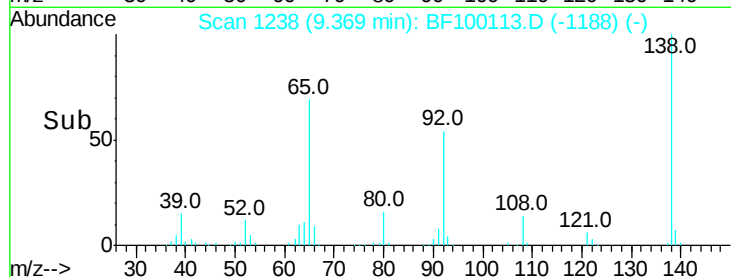
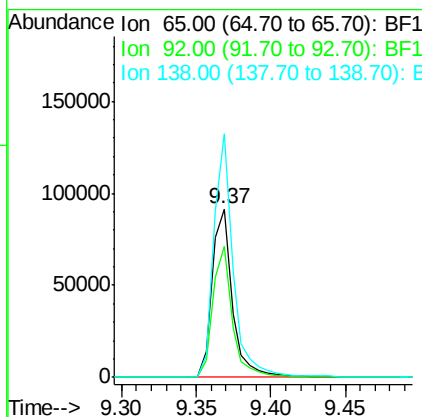
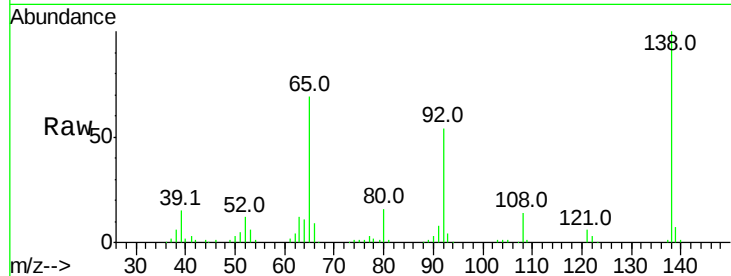
#47
2-Nitroaniline
Concen: 35.970 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.8	55.8	83.6
138	144.7	91.2	136.8

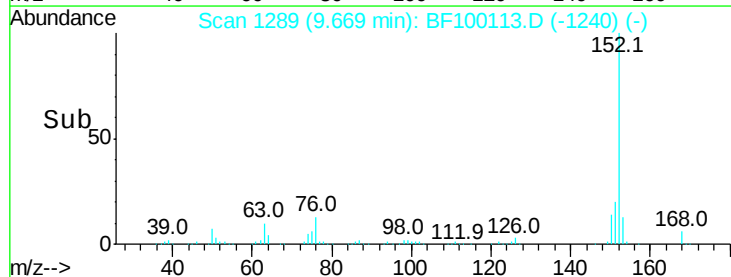
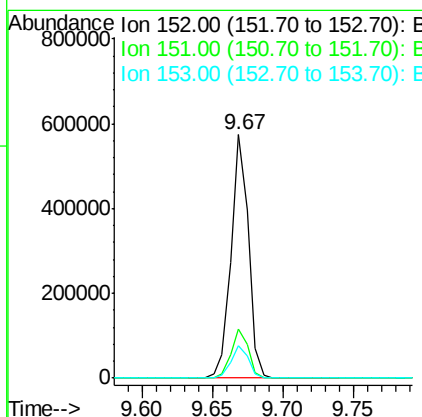
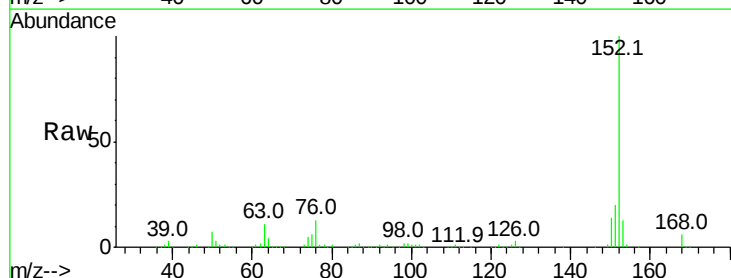
Manual Integrations
APPROVED

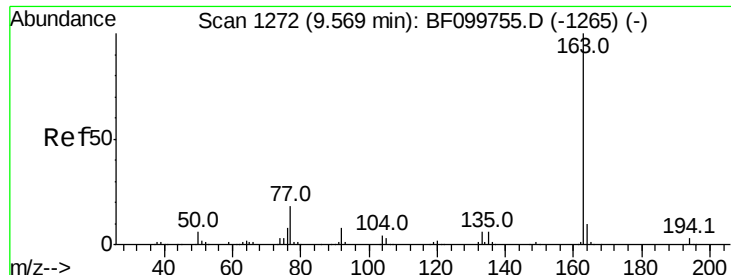
Sohil
11/3/2017 11:21:01 AM



#48
Acenaphthylene
Concen: 34.760 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.7	16.1





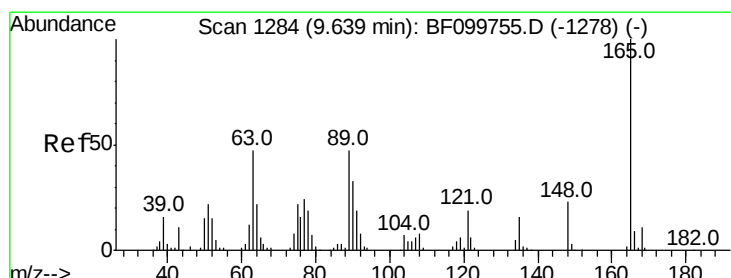
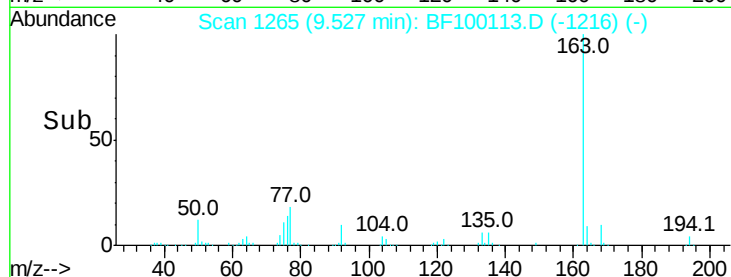
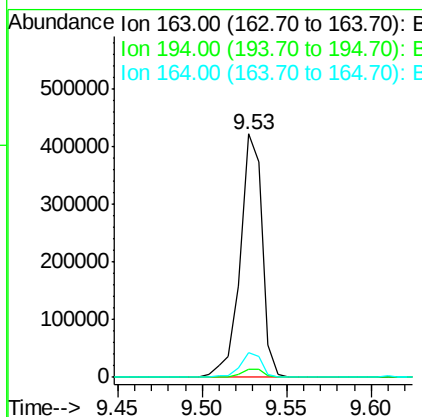
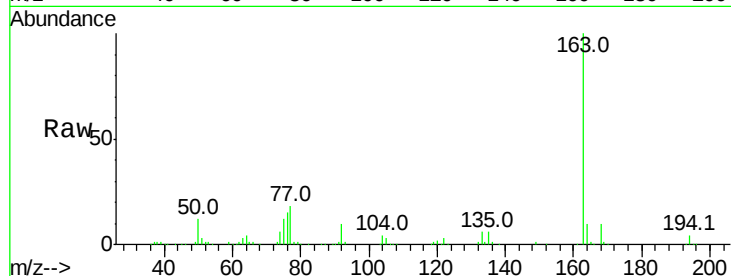
#49
 Dimethylphthalate
 Concen: 34.319 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Tot Ion	163	Resp	380400
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

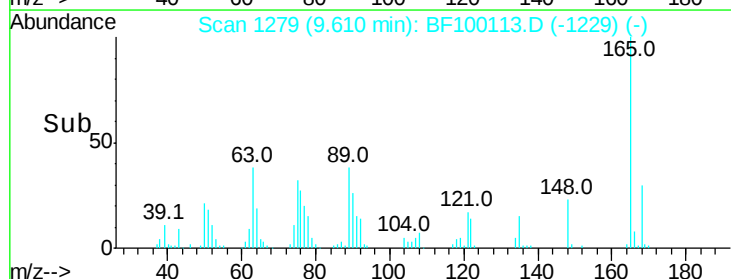
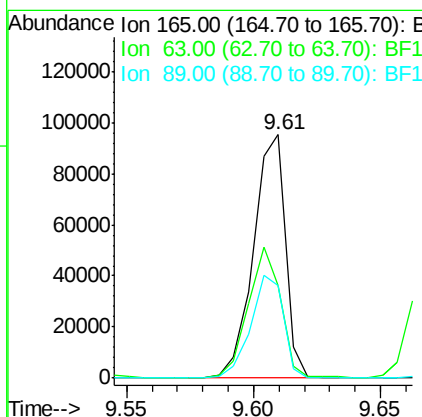
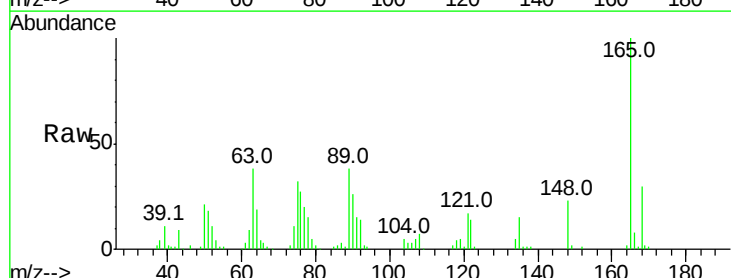
Manual Integrations
 APPROVED

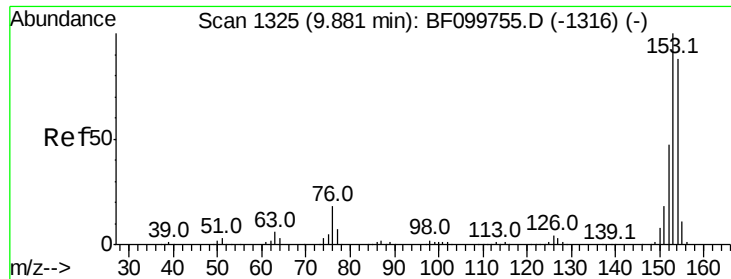
Sohil
 11/3/2017 11:21:01 AM



#50
 2,6-Dinitrotoluene
 Concen: 36.011 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	165	Resp	83913
Ion Ratio	Lower	Upper	
165	100		
63	37.8	44.7	67.1#
89	38.1	44.0	66.0#





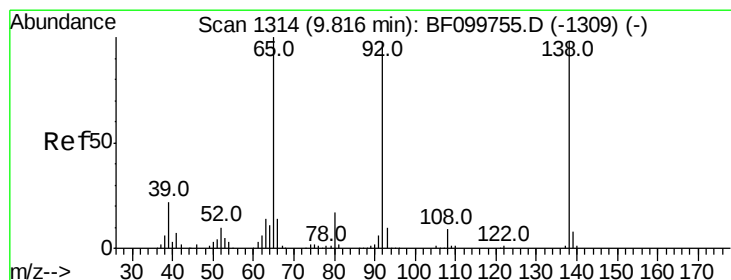
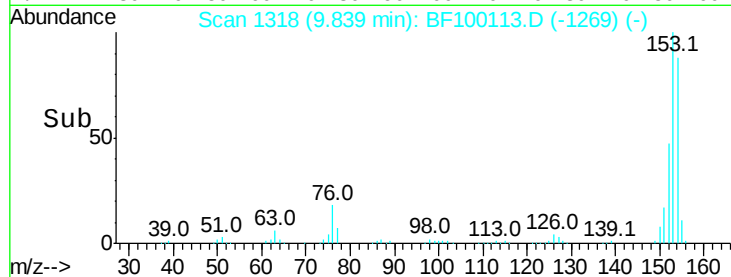
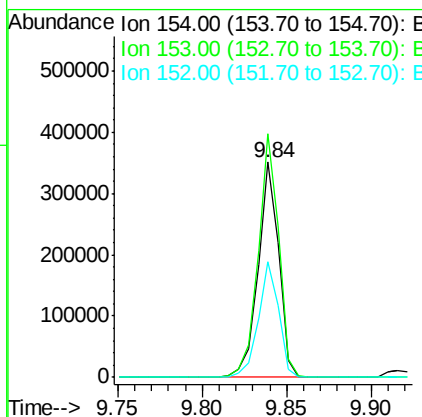
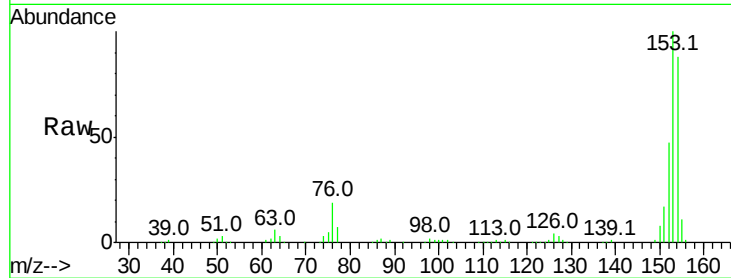
#51
Acenaphthene
Concen: 34.657 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	53.6	43.8	65.8

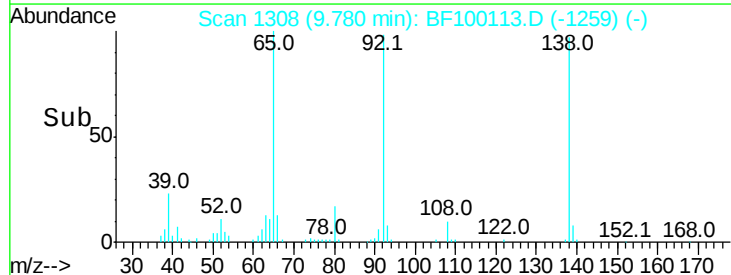
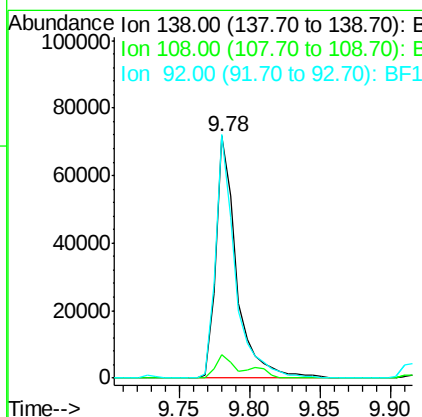
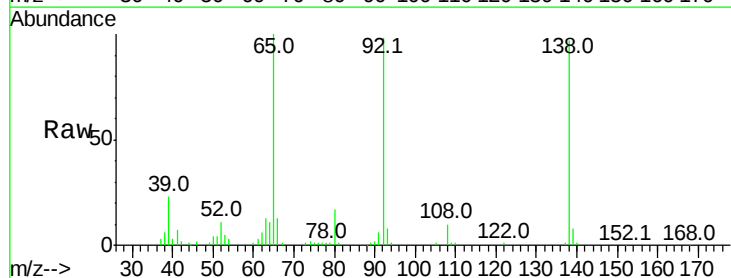
Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#52
3-Nitroaniline
Concen: 26.453 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	100.5	89.4	134.2





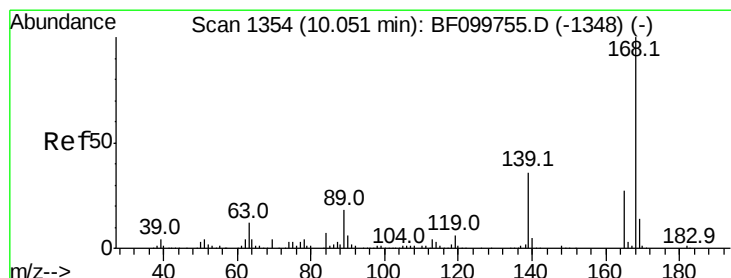
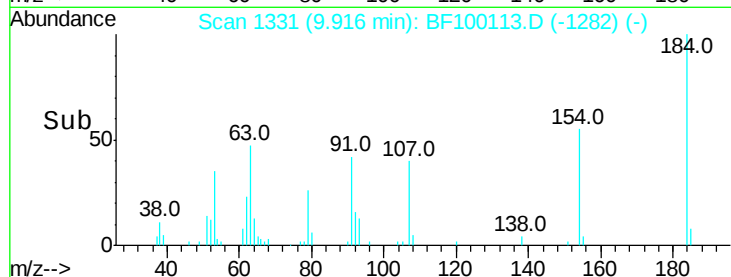
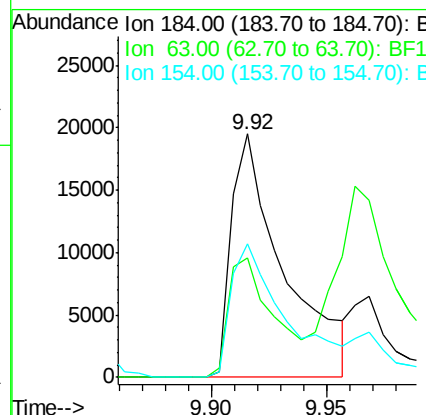
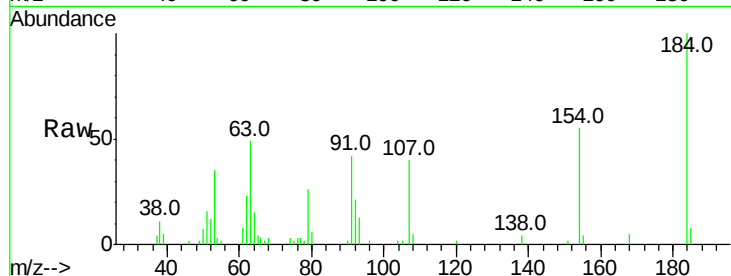
#53
2,4-Dinitrophenol
Concen: 36.814 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleID :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.1	54.2	81.2#	
154	54.8	53.5	80.3	

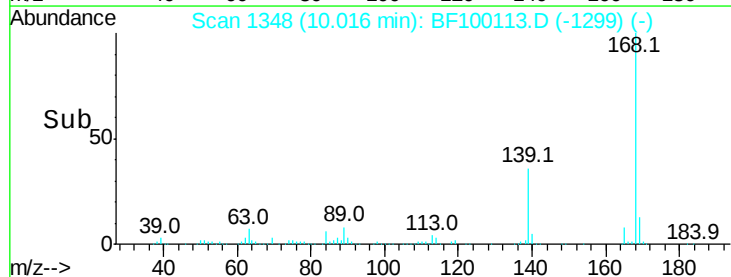
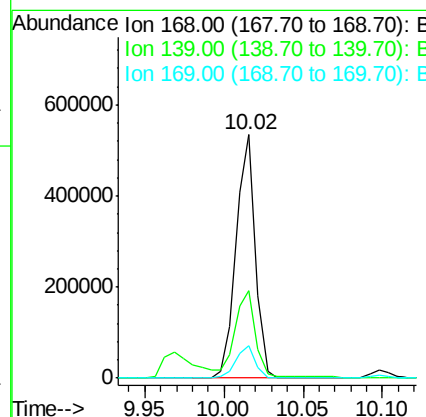
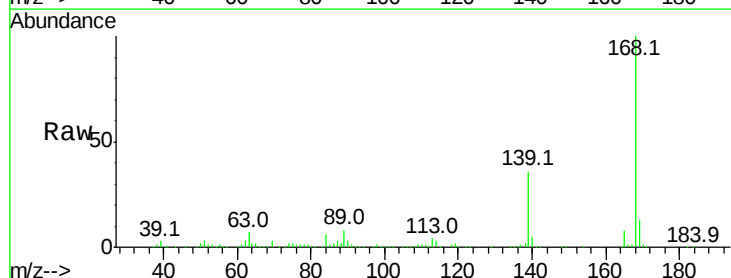
Manual Integrations
APPROVED

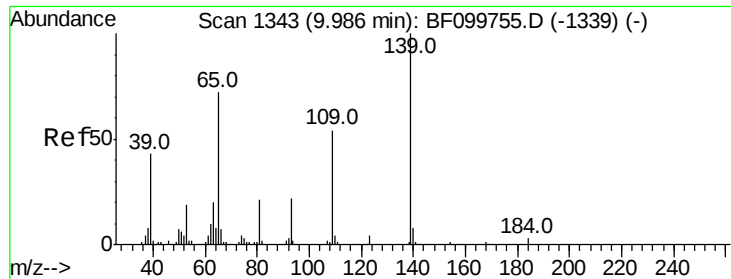
Sohil
11/3/2017 11:21:01 AM



#54
Dibenzofuran
Concen: 36.860 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.0	30.1	45.1	
169	13.3	10.9	16.3	





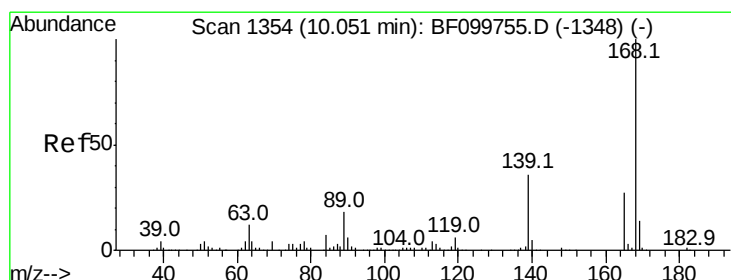
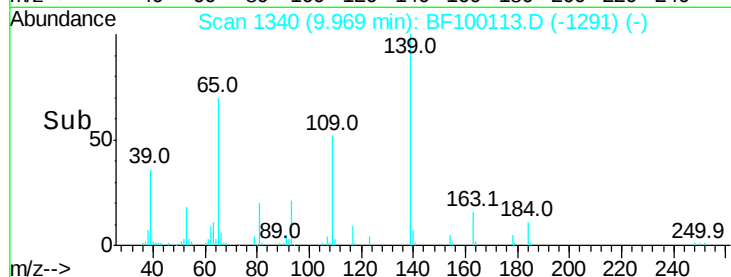
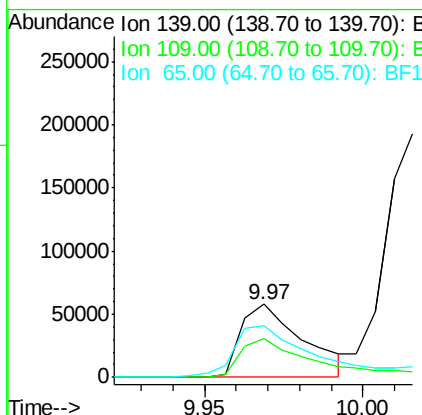
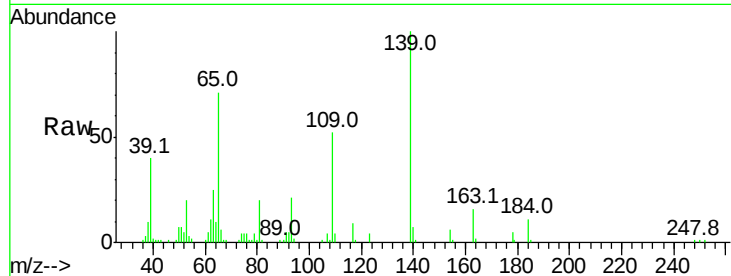
#55
4-Nitrophenol
Concen: 54.542 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.4	48.4	88.4
65	70.6	72.6	112.6#

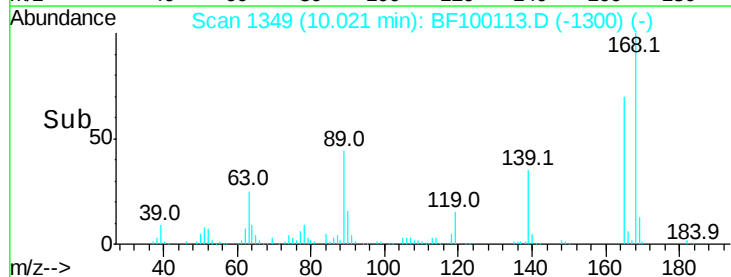
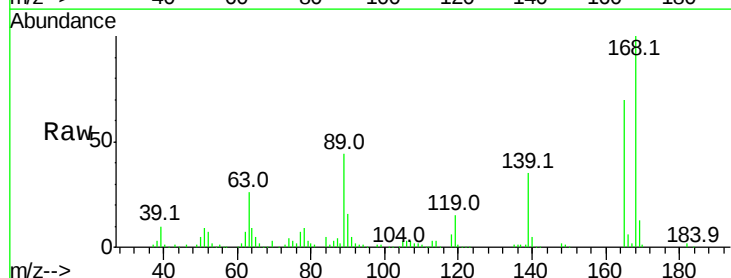
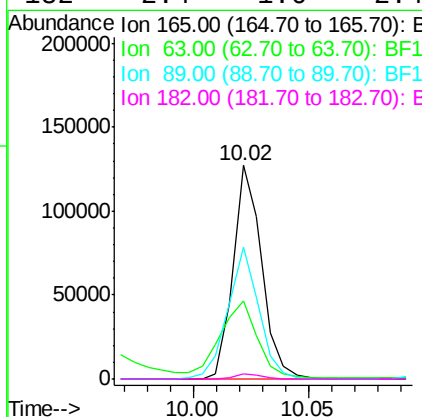
Manual Integrations
APPROVED

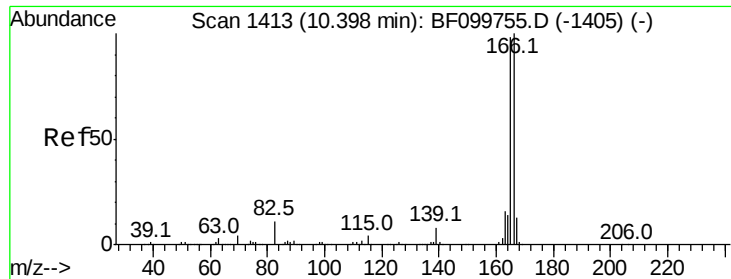
Sohil
11/3/2017 11:21:01 AM



#56
2,4-Dinitrotoluene
Concen: 39.087 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.3	36.4	54.6#
89	62.0	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 35.715 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

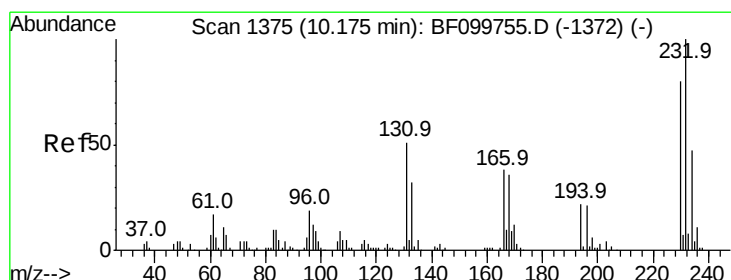
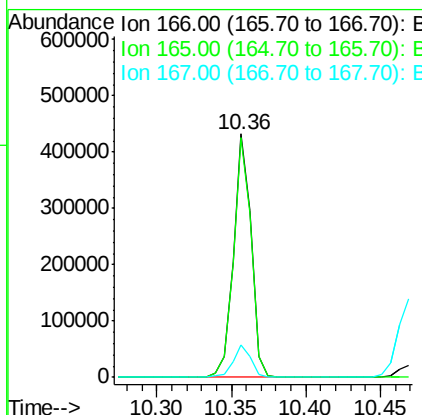
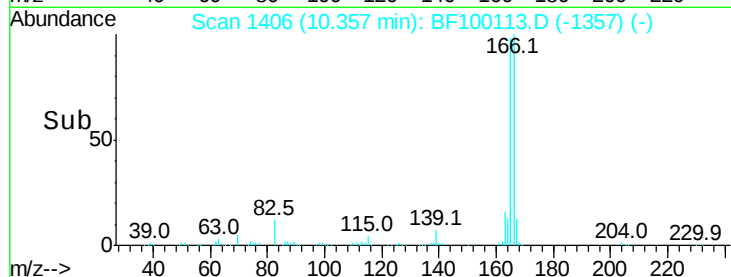
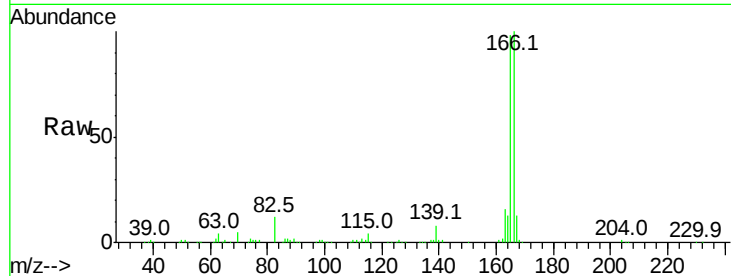
ClientSampleId :

PB103911BSD

Tot Ion:	166	Resp:	361234
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.976 ng

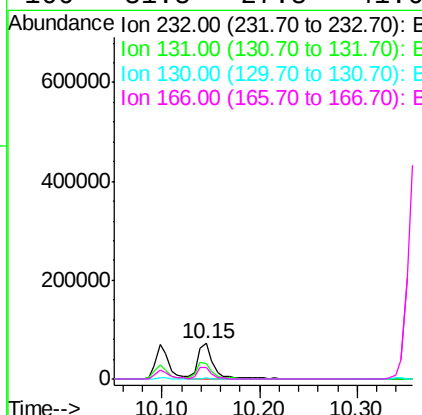
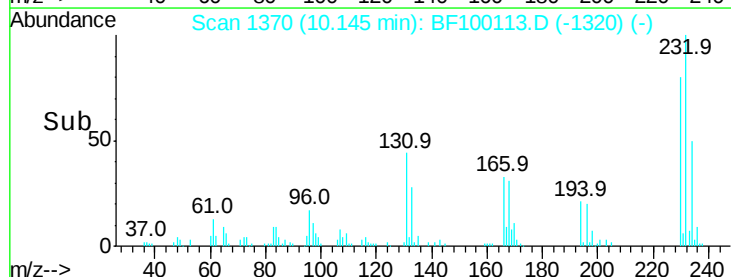
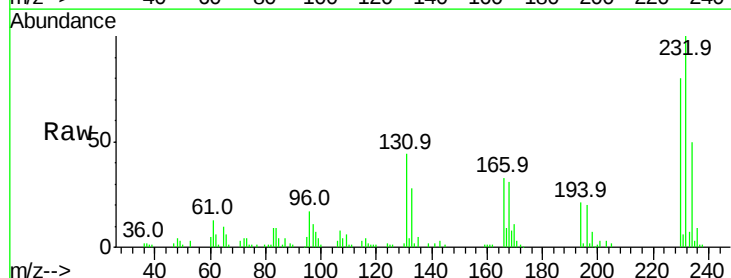
RT: 10.15 min Scan# 1370

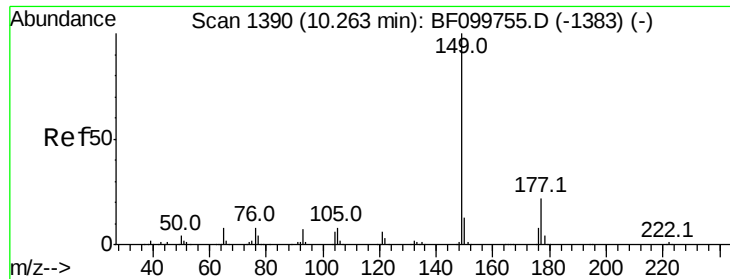
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	232	Resp:	79298
Ion Ratio	Lower	Upper	
232	100		
131	46.7	43.8	65.8
130	1.8	2.1	3.1#
166	31.8	27.8	41.6





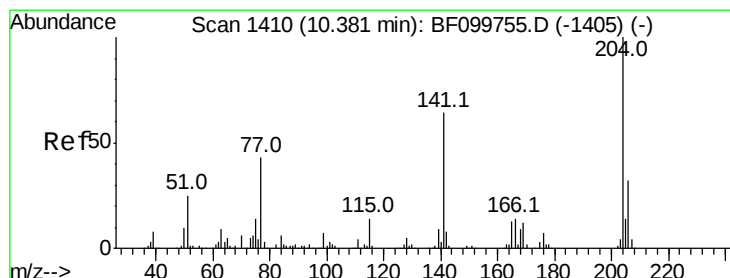
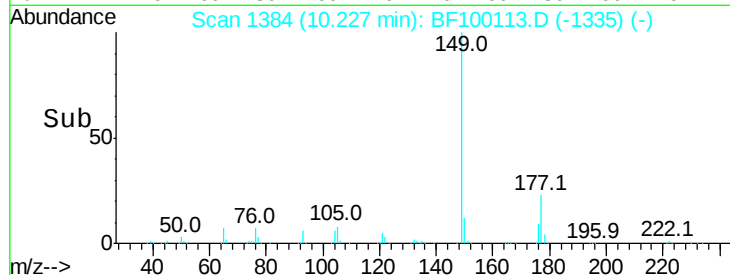
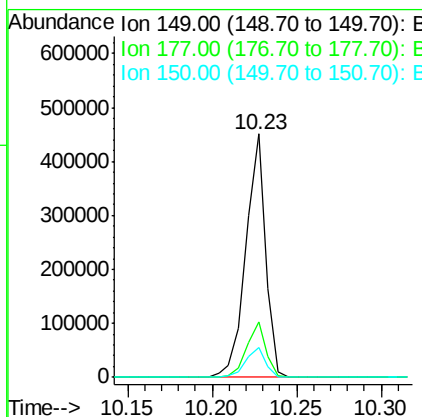
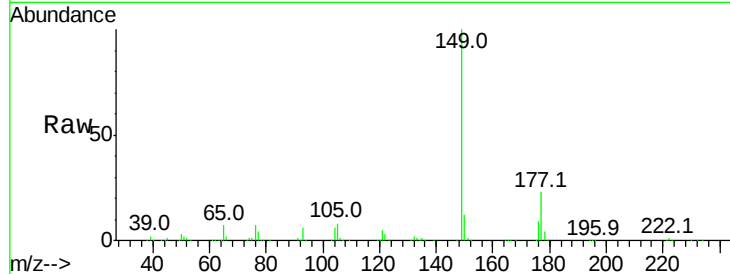
#59
Diethylphthalate
Concen: 34.260 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	370839		
177	22.7	16.1	24.1	
150	12.4	10.1	15.1	

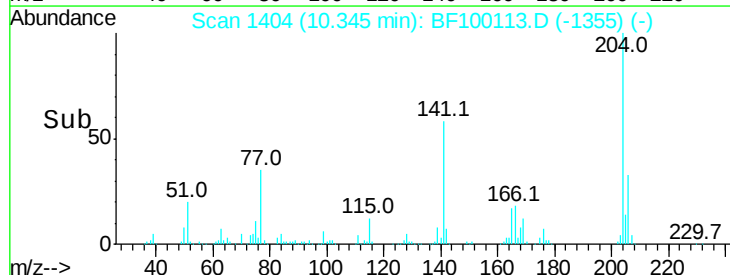
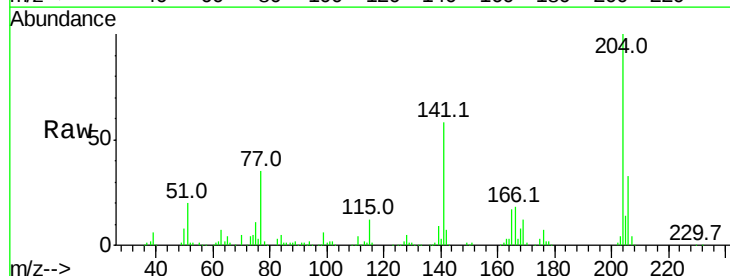
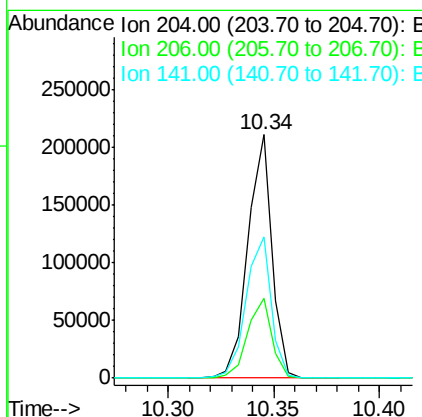
Manual Integrations
APPROVED

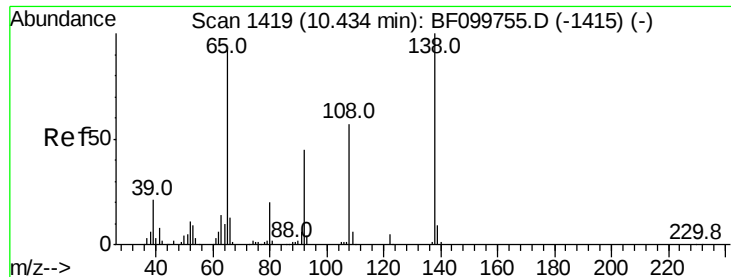
Sohil
11/3/2017 11:21:01 AM



#60
4-Chlorophenyl-phenylether
Concen: 35.069 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	166933		
206	32.8	26.5	39.7	
141	58.0	54.6	81.8	





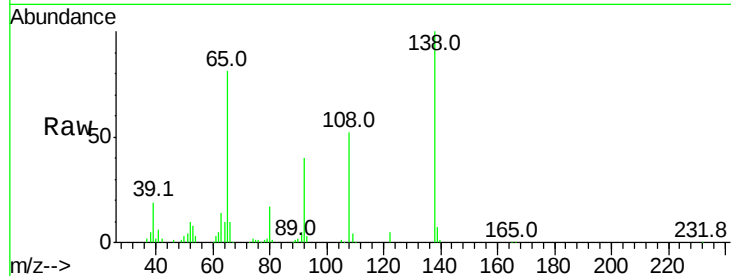
#61
4-Nitroaniline
Concen: 31.185 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.9	30.2	70.2
108	52.1	52.5	92.5#

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM

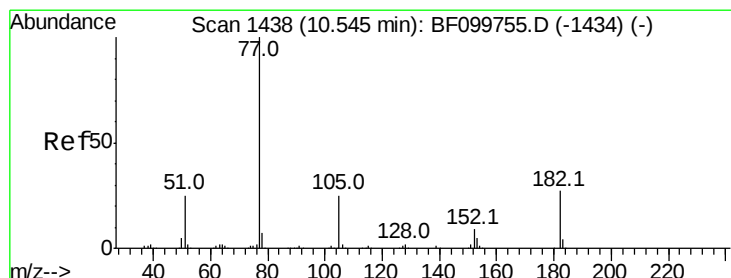
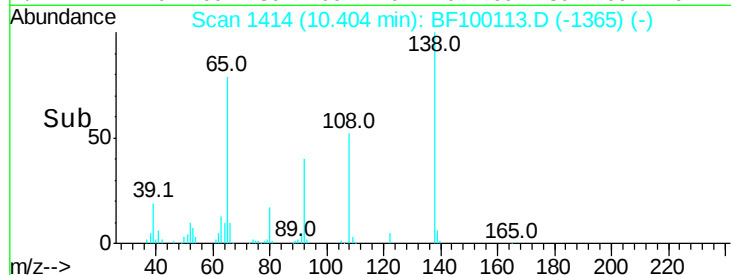
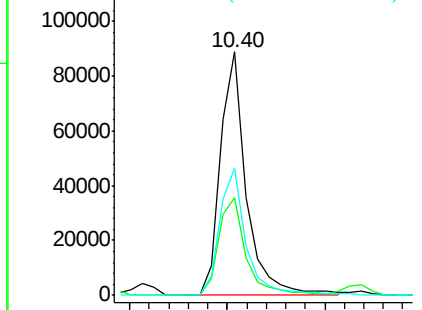


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 34.586 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	25.7	3.0	43.0
51	24.3	9.9	49.9

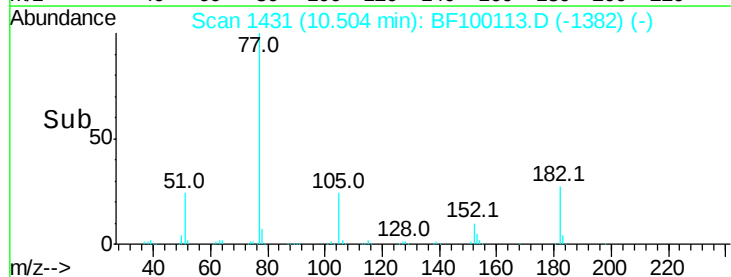
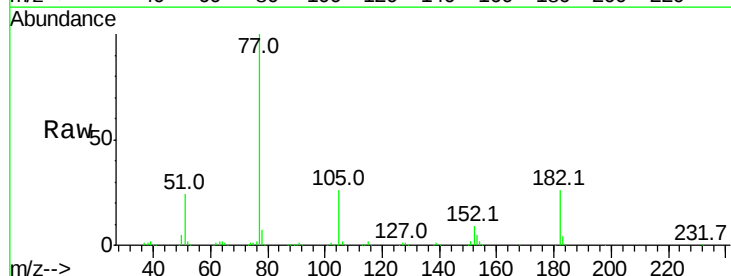
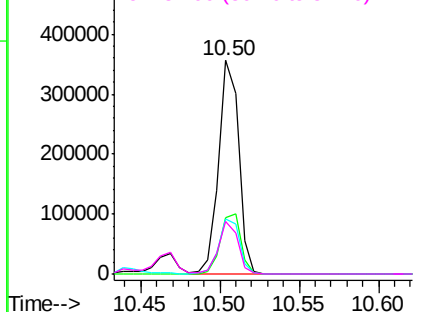
Abundance

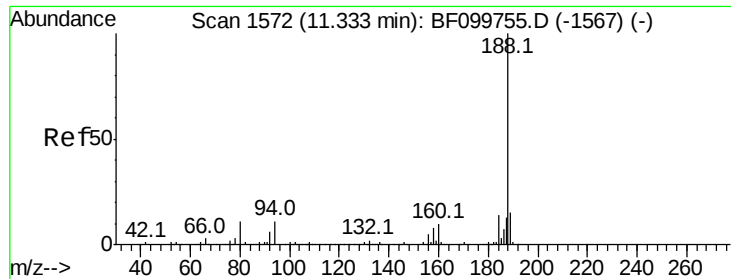
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

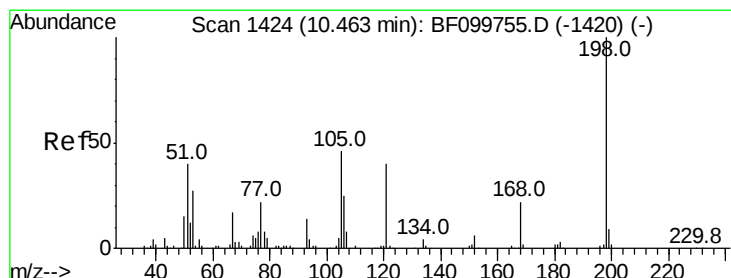
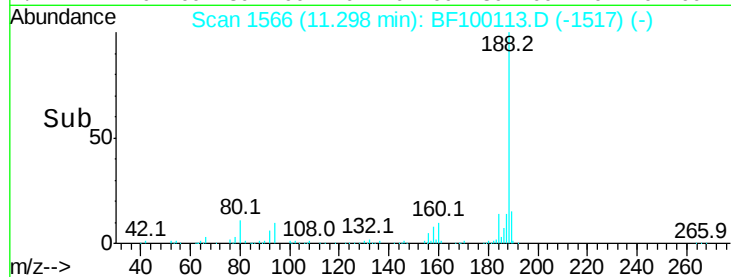
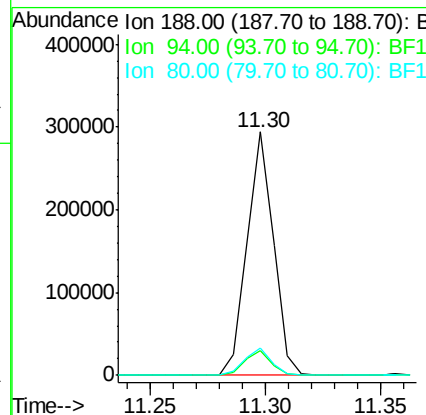
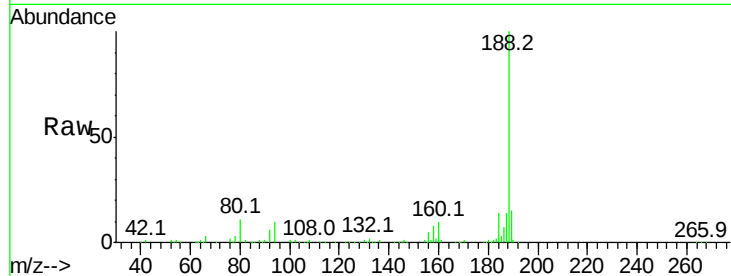
ClientSampleId :

PB103911BSD

Tot Ion:	188	Resp:	237126
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 18.020 ng

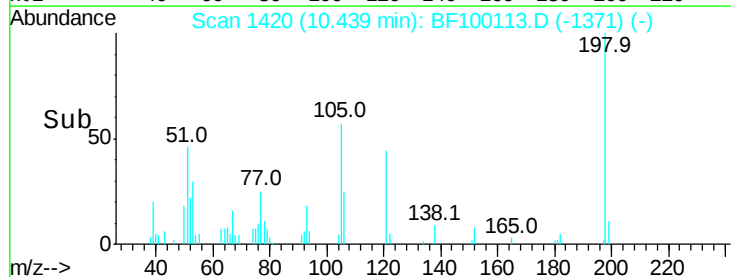
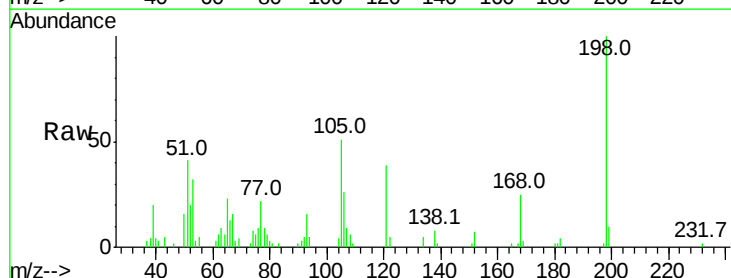
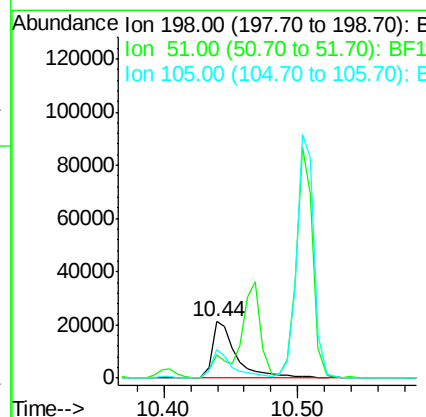
RT: 10.44 min Scan# 1420

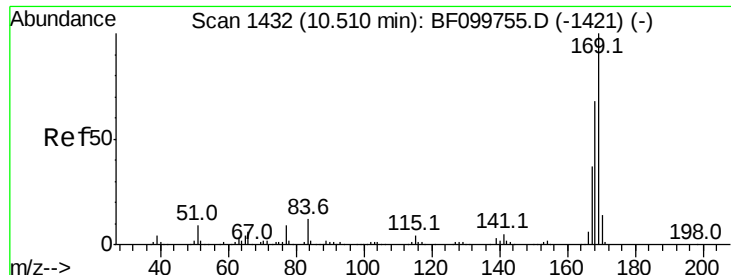
Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	198	Resp:	26860
Ion Ratio	Lower	Upper	
198	100		
51	40.7	37.7	77.7
105	51.1	36.3	76.3





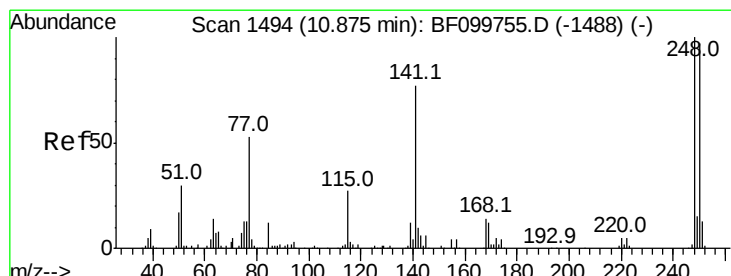
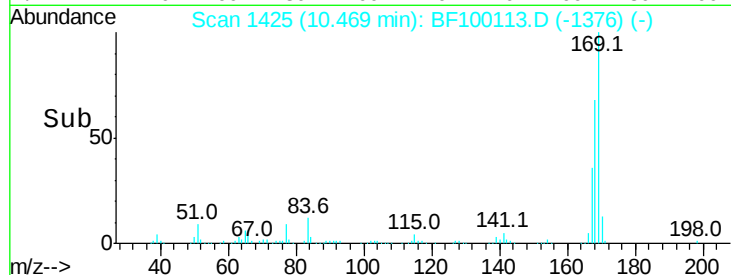
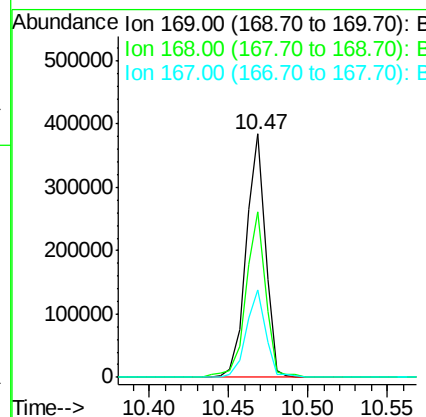
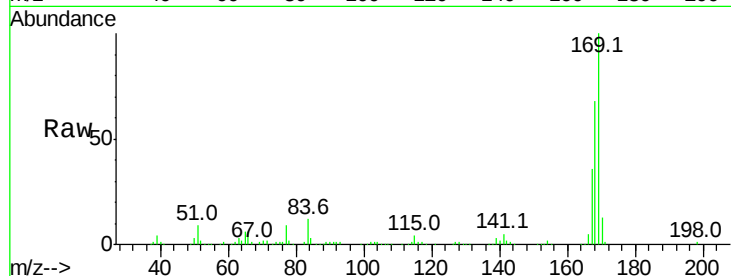
#65
 n-Nitrosodiphenylamine
 Concen: 36.656 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.8	54.4	81.6	
167	36.0	29.8	44.6	

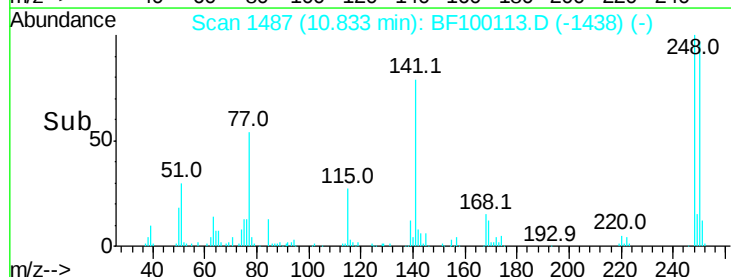
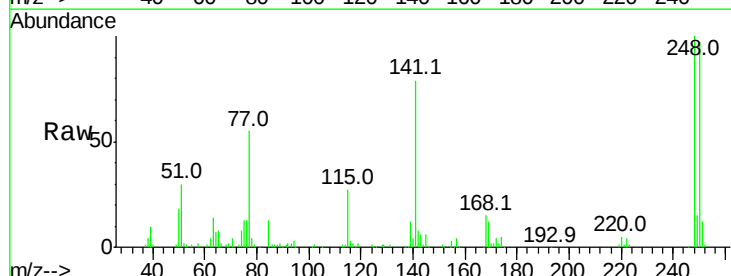
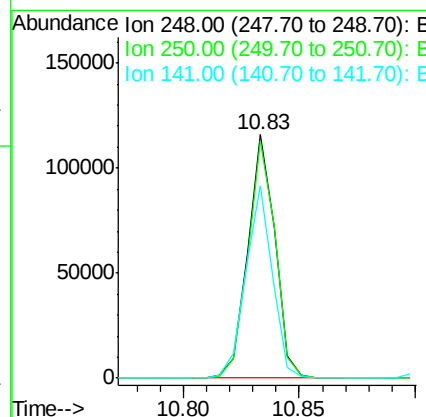
Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:21:01 AM



#66
 4-Bromophenyl-phenylether
 Concen: 38.220 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	76.9	115.3	
141	79.2	74.4	111.6	





#67

Hexachlorobenzene

Concen: 36.839 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

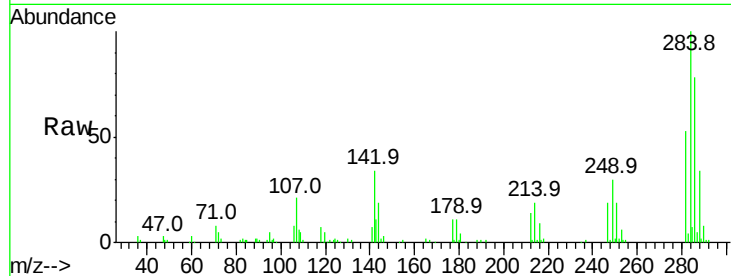
ClientSampleId :

PB103911BSD

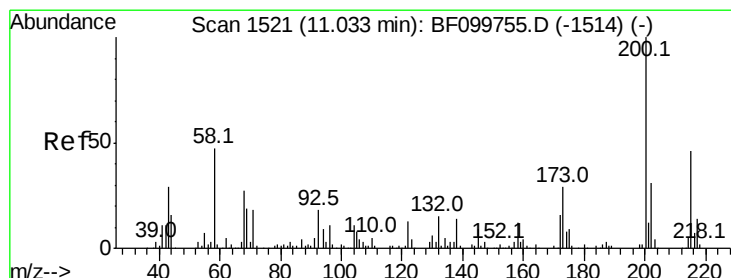
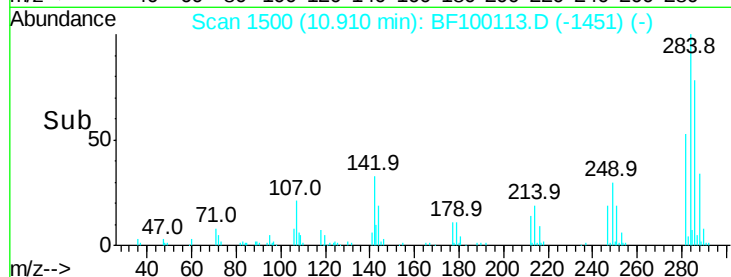
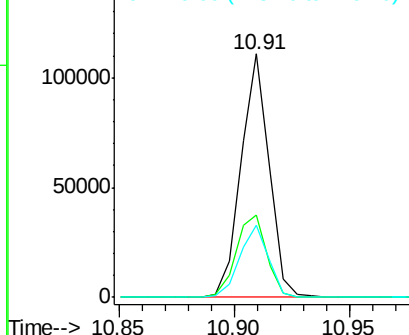
Tot Ion:	284	Resp:	94084
Ion Ratio	Lower	Upper	
284	100		
142	33.8	34.6	52.0#
249	29.7	24.8	37.2

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.548 ng

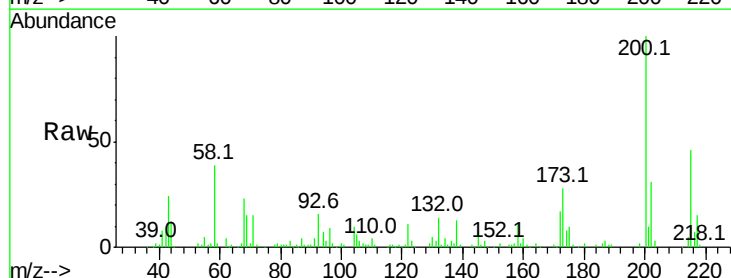
RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

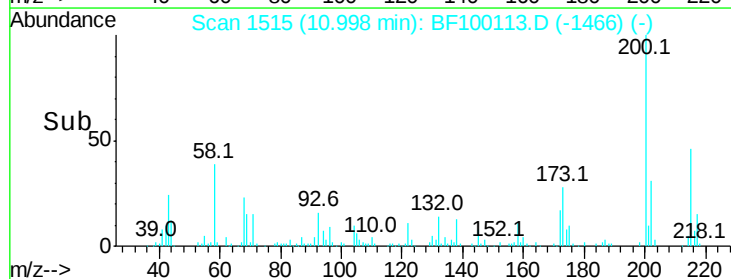
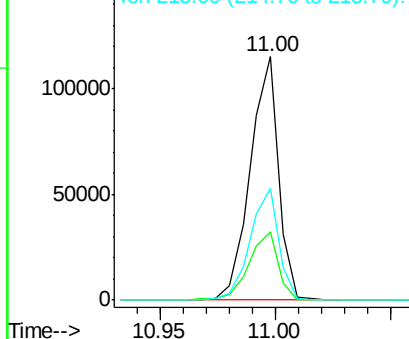
Lab File: BF100113.D

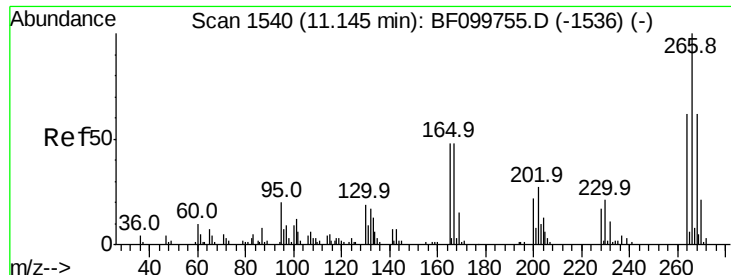
Acq: 3 Nov 2017 5:00

Tgt Ion:	200	Resp:	98727
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.6	48.6
215	46.1	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





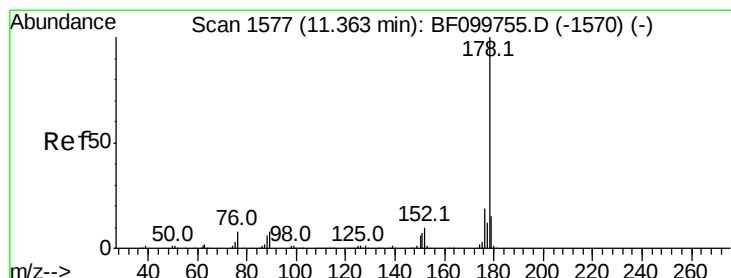
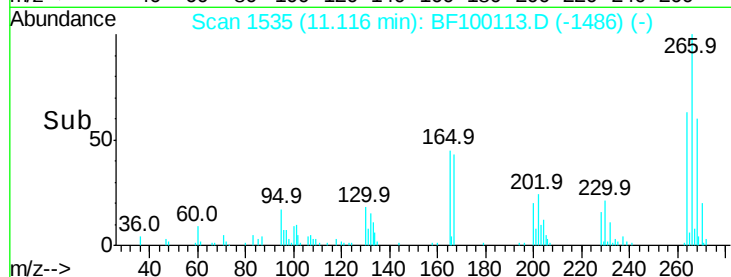
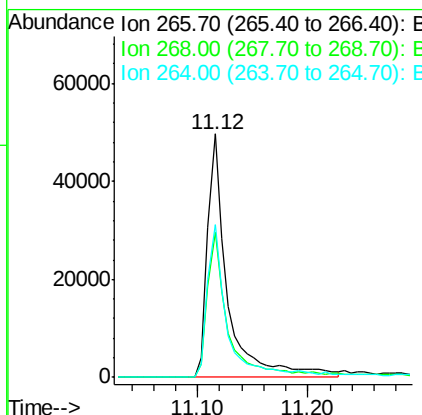
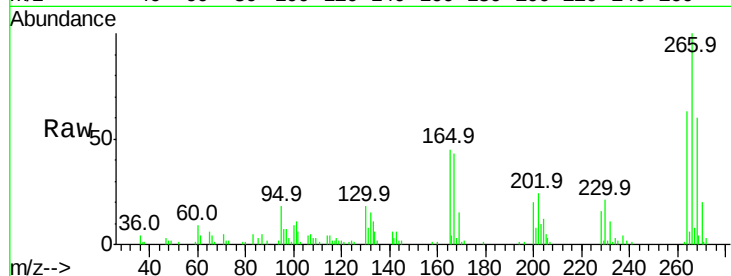
#69
 Pentachlorophenol
 Concen: 56.469 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	61624		
268	59.5		51.1	76.7
264	62.7		49.5	74.3

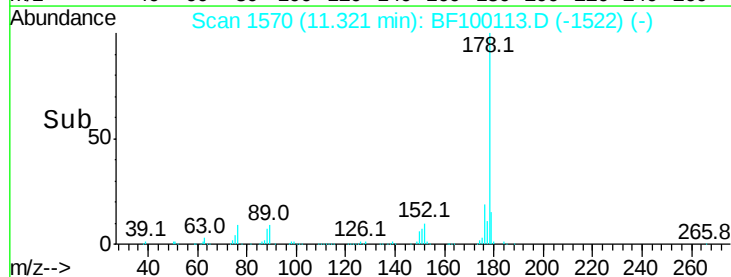
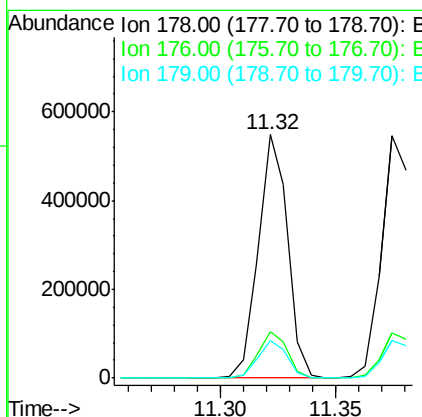
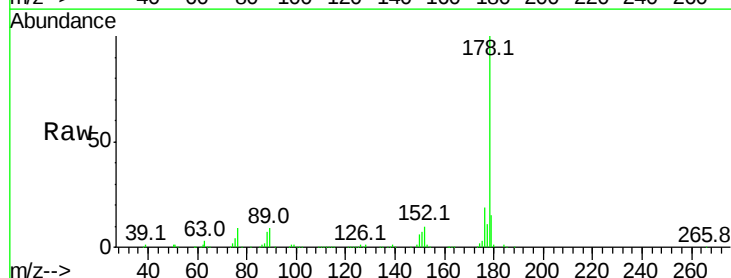
Manual Integrations
 APPROVED

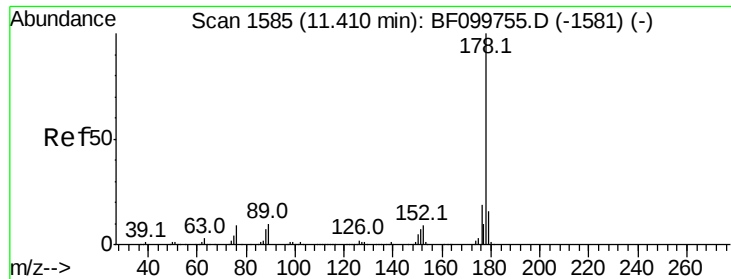
Sohil
 11/3/2017 11:21:01 AM



#70
 Phenanthrene
 Concen: 36.354 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	486501		
176	19.2		15.8	23.8
179	15.2		13.0	19.6





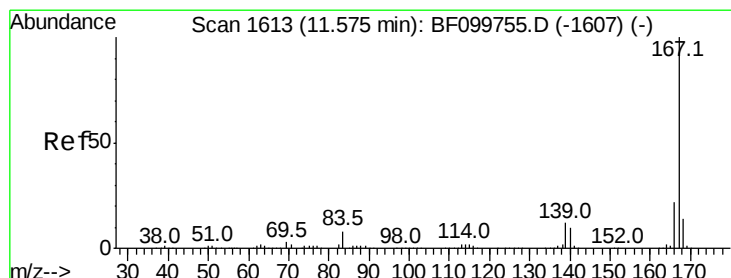
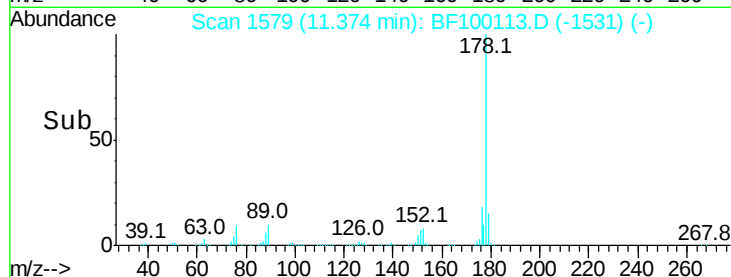
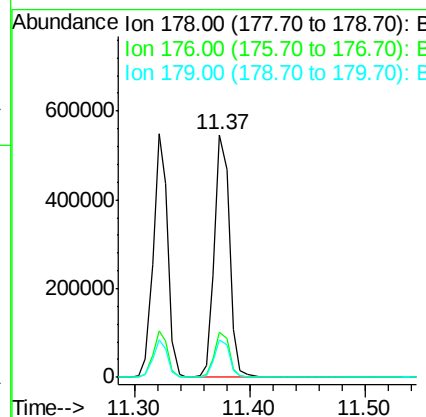
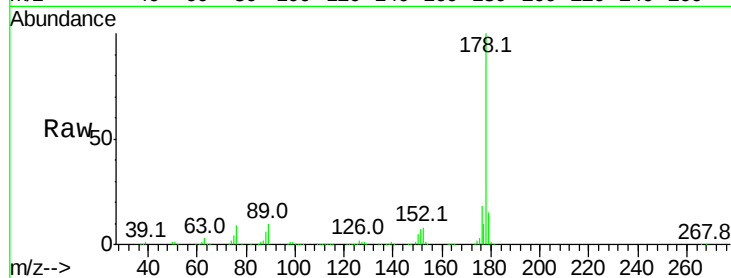
#71
 Anthracene
 Concen: 36.708 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.5	12.6	19.0

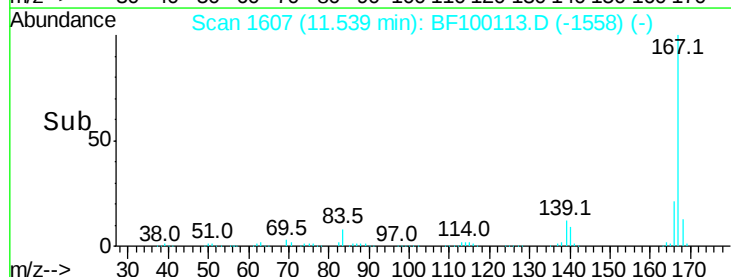
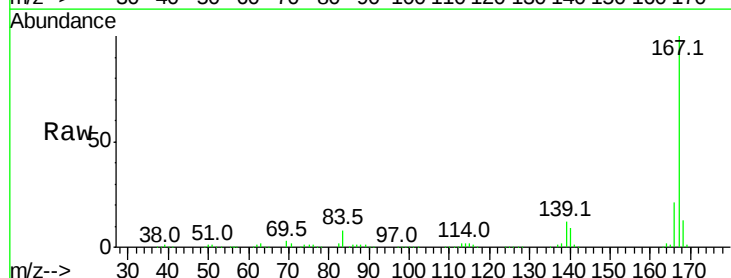
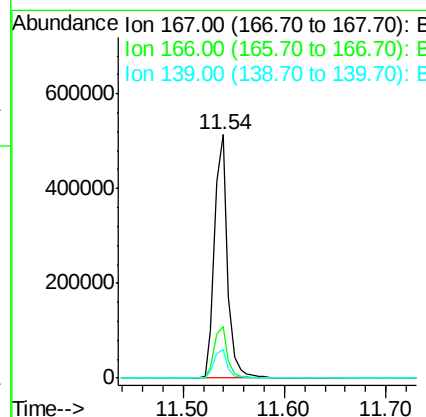
Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:21:01 AM



#72
 Carbazole
 Concen: 35.844 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	11.8	10.9	16.3





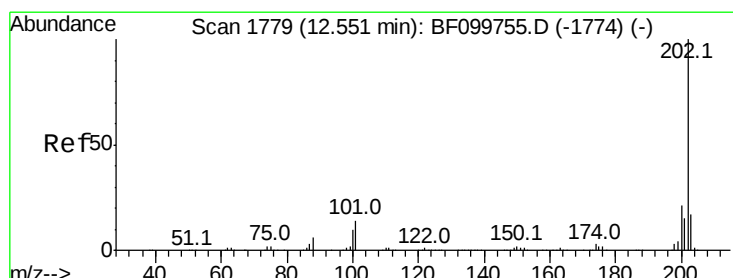
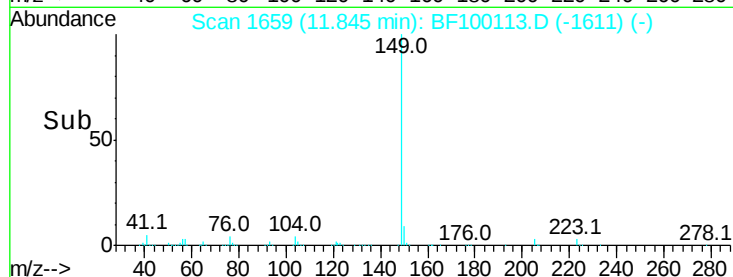
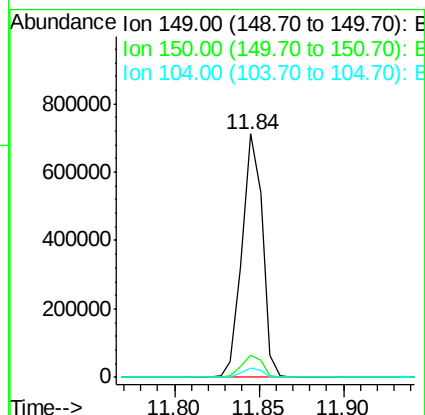
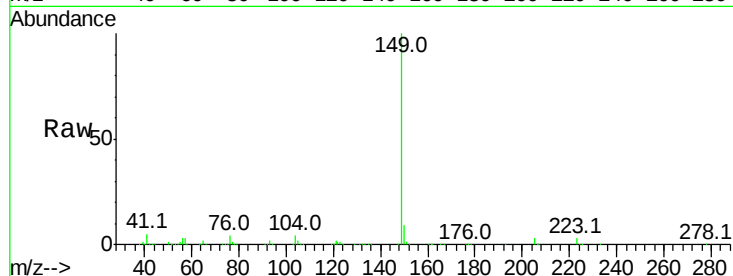
#73
Di-n-butylphthalate
Concen: 36.738 ng
RT: 11.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.0	3.8	5.8

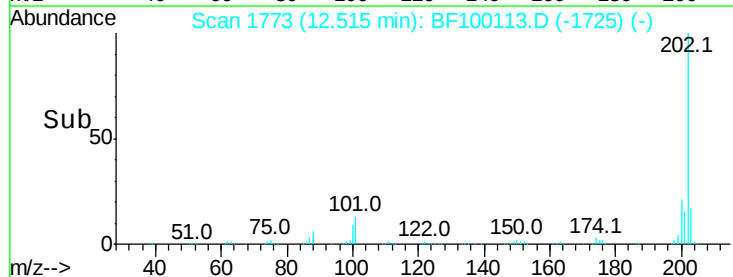
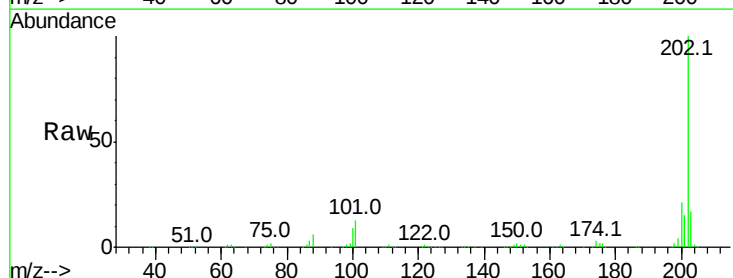
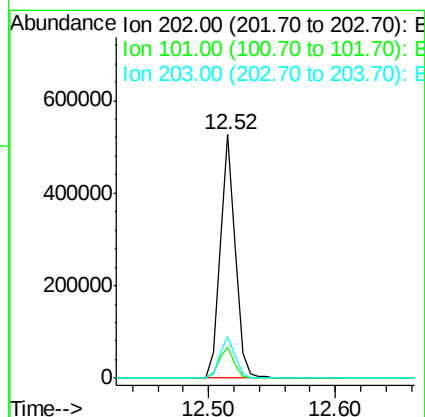
Manual Integrations
APPROVED

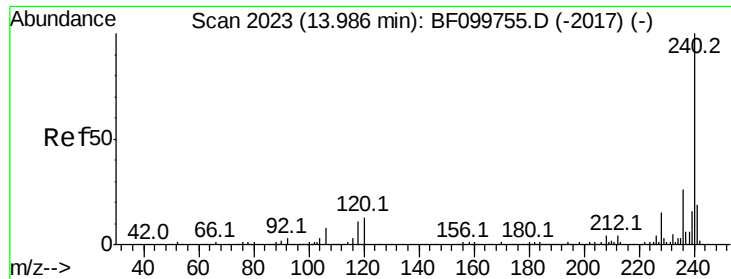
Sohil
11/3/2017 11:21:01 AM



#74
Fluoranthene
Concen: 31.882 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

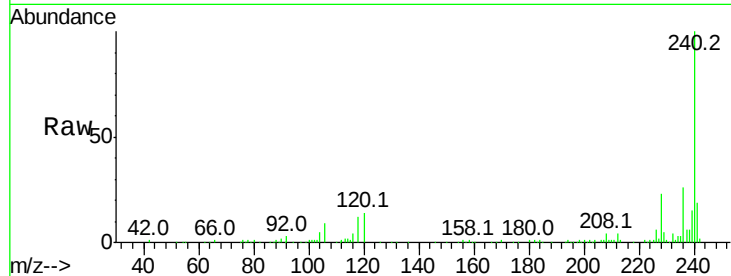
ClientSampleId :

PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.6	9.5	14.3	
236	25.5	20.7	31.1	

Manual Integrations
APPROVED

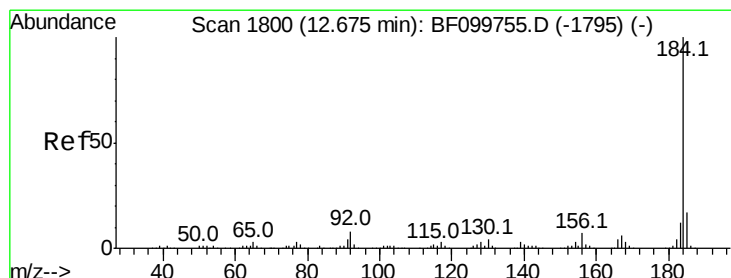
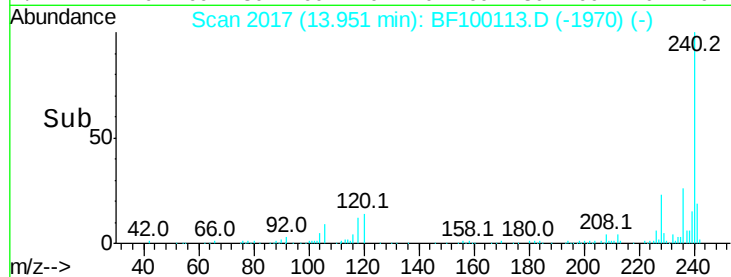
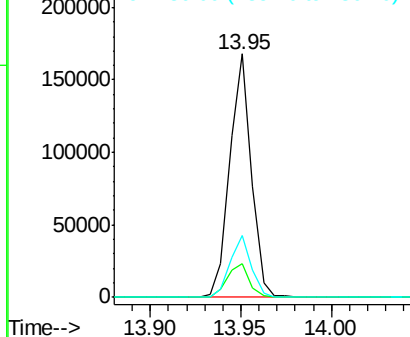
Sohil
11/3/2017 11:21:01 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.698 ng

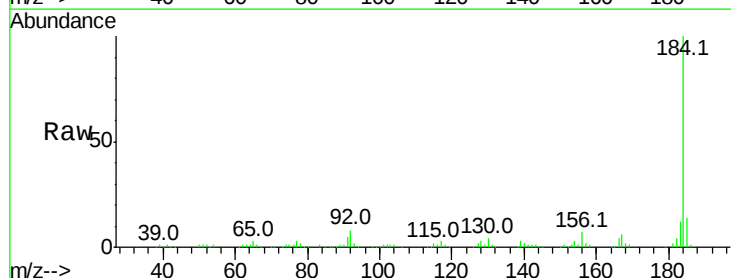
RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

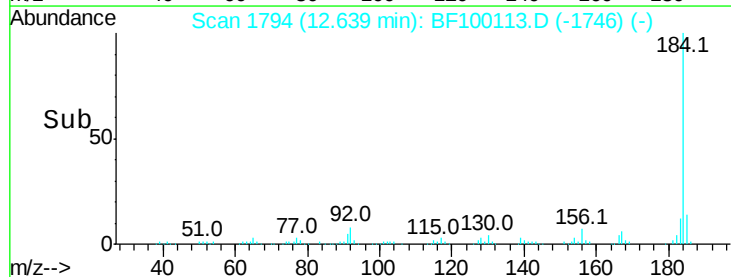
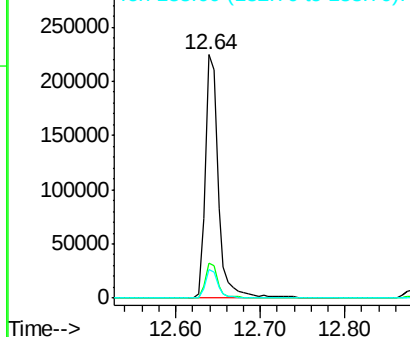
Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	12.6	18.8	
183	11.7	9.3	13.9	

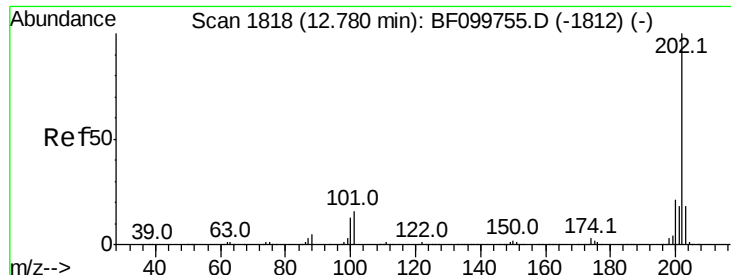


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





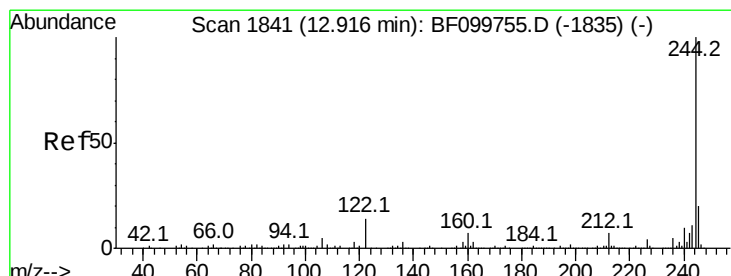
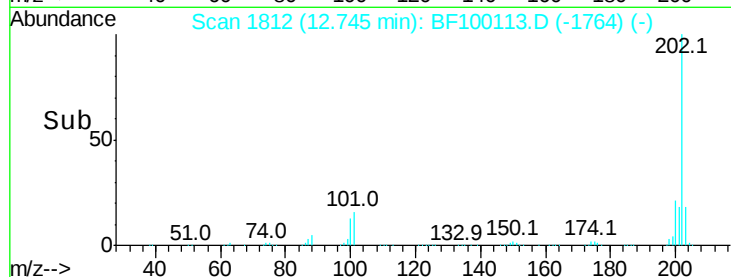
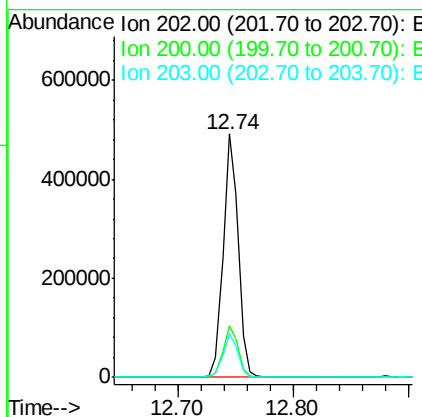
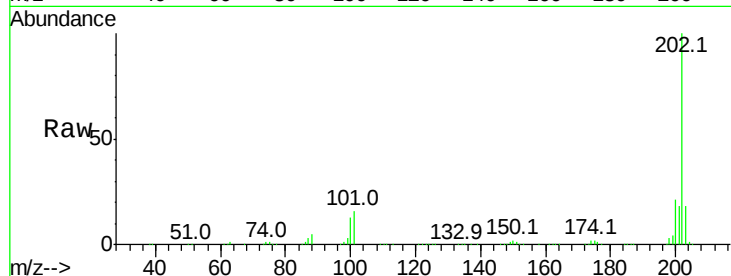
#77
Pvrene
Concen: 41.766 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	442607		
200	21.1		17.4	26.2
203	17.9		14.3	21.5

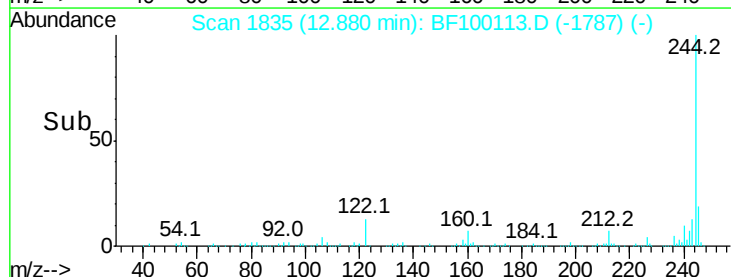
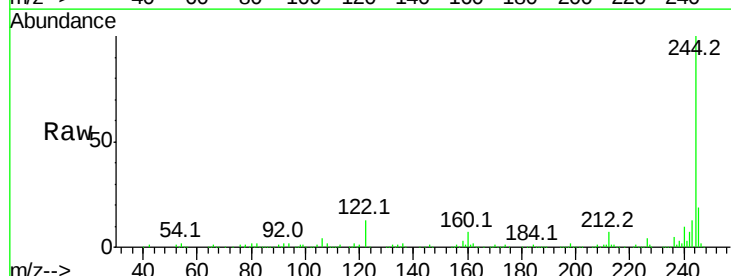
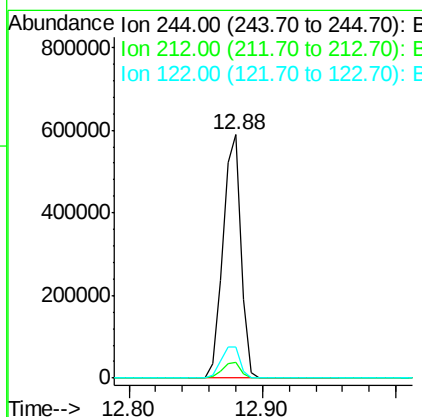
Manual Integrations
APPROVED

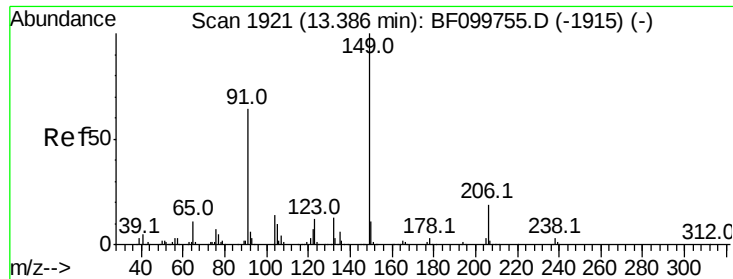
Sohil
11/3/2017 11:21:01 AM



#78
Terphenyl-d14
Concen: 88.299 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	563104		
212	6.5		5.4	8.0
122	12.6		11.0	16.4





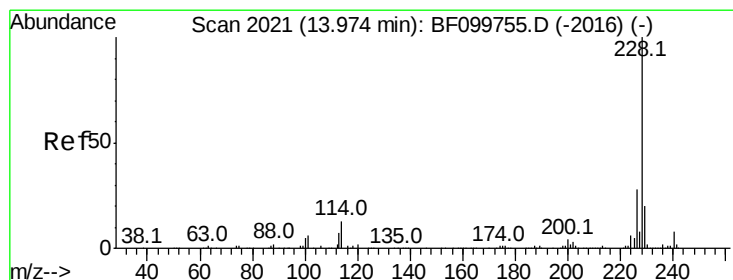
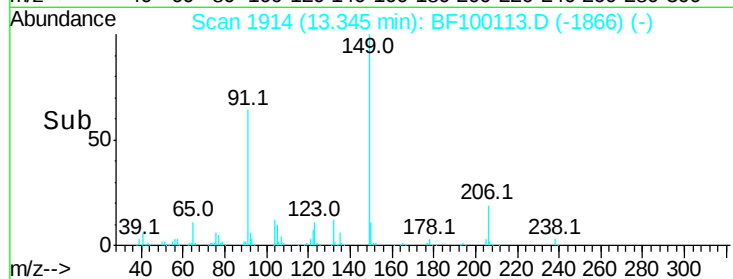
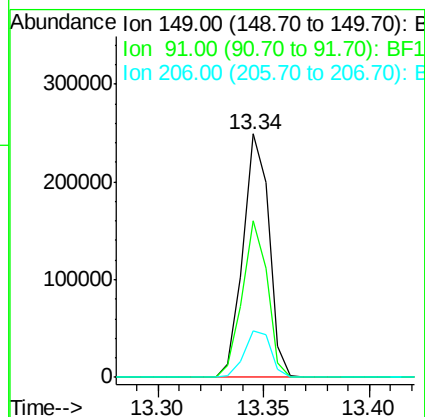
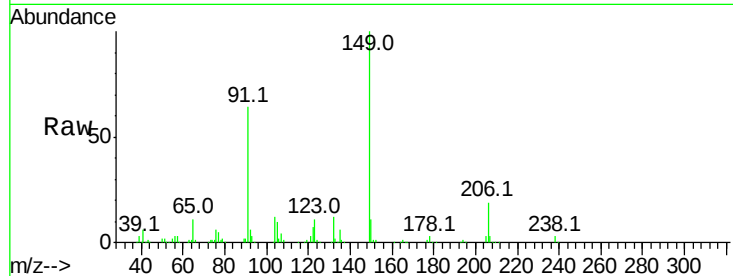
#79
Butylbenzylphthalate
Concen: 40.623 ng
RT: 13.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	211988		
91	64.4	56.8	85.2	
206	18.9	14.1	21.1	

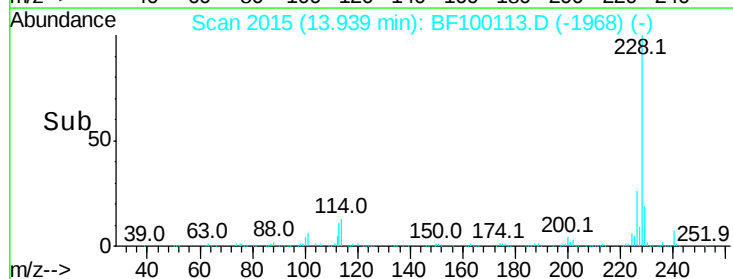
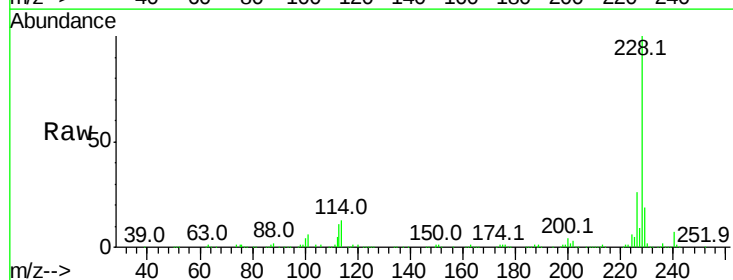
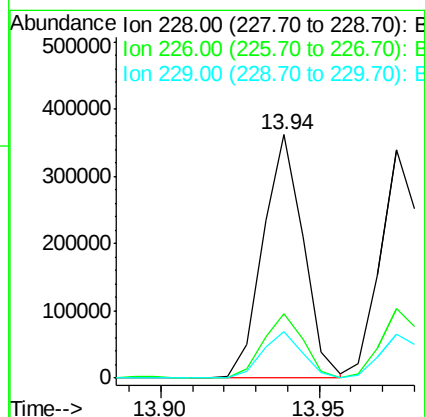
Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#80
Benzo(a)anthracene
Concen: 36.091 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	318856		
226	26.4	22.6	33.8	
229	18.9	15.8	23.6	





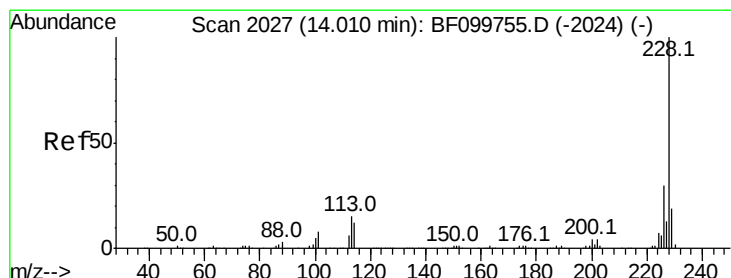
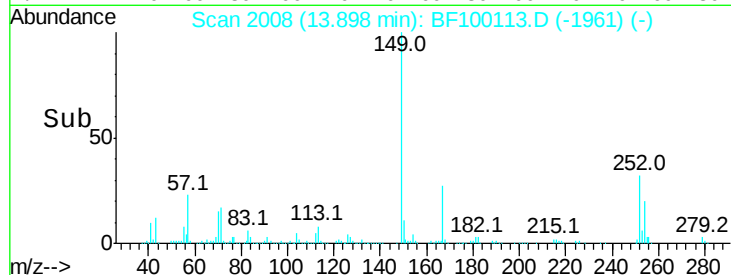
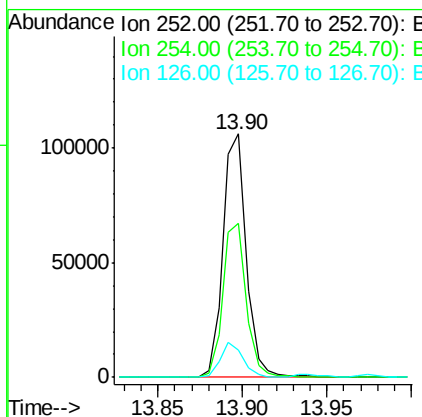
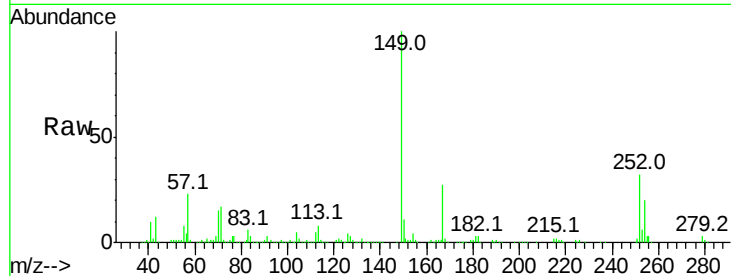
#81
3,3'-Dichlorobenzidine
Concen: 31.788 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	50.4	75.6
126	11.0	11.3	16.9

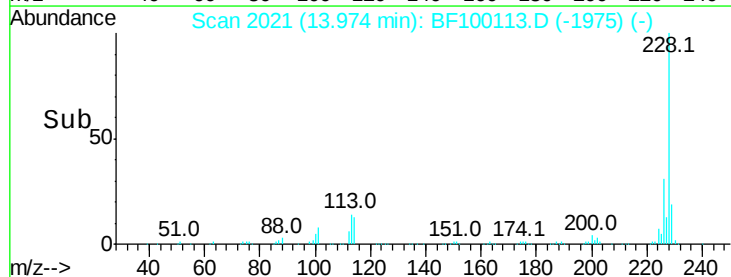
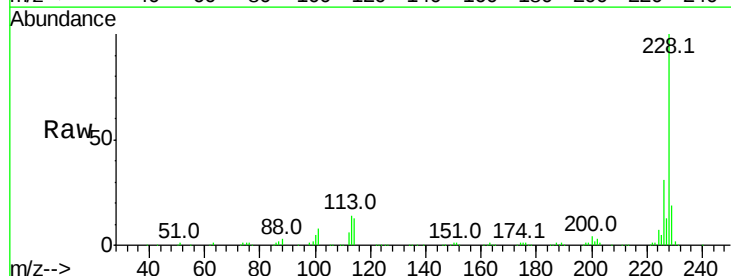
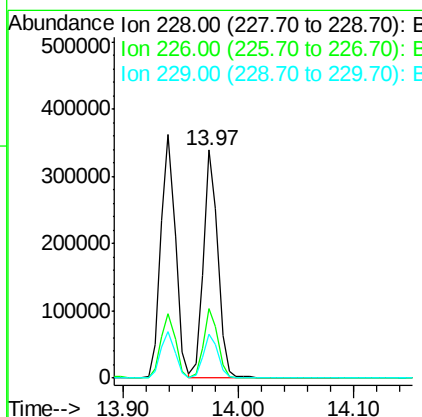
Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#82
Chrysene
Concen: 36.273 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.951 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

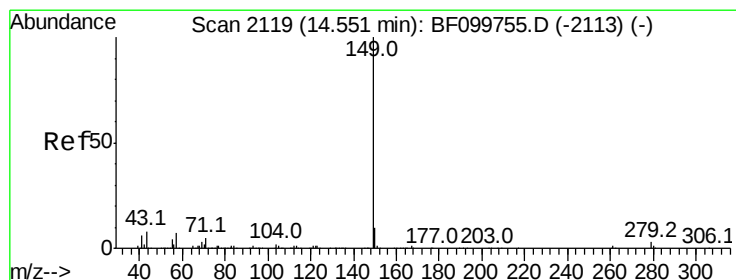
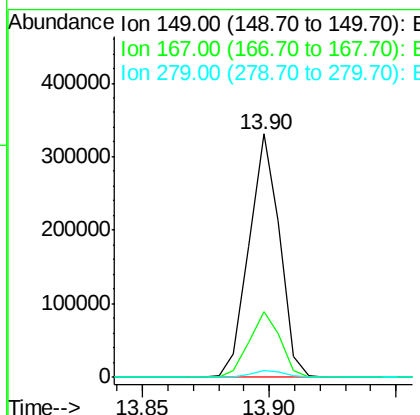
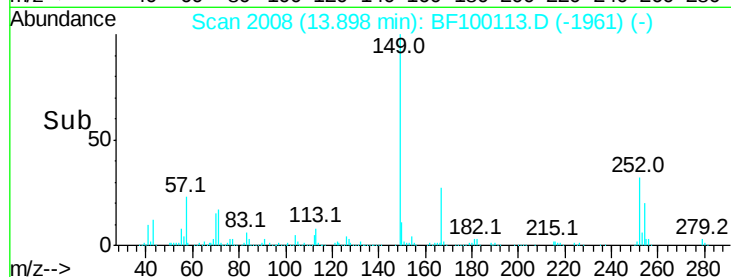
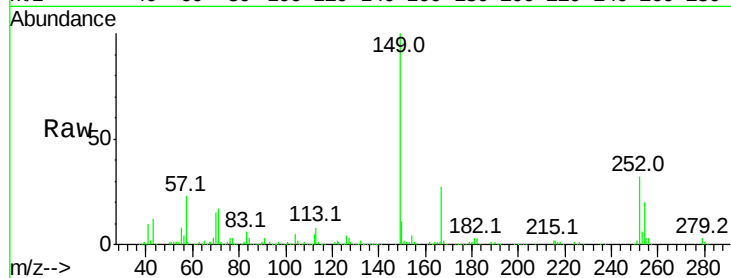
ClientSampleId :

PB103911BSD

Tot Ion:	149	Resp:	278116
Ion Ratio		Lower	Upper
149	100		
167	27.0	21.3	31.9
279	2.9	3.0	4.4#

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#84

Di-n-octyl phthalate

Concen: 33.783 ng

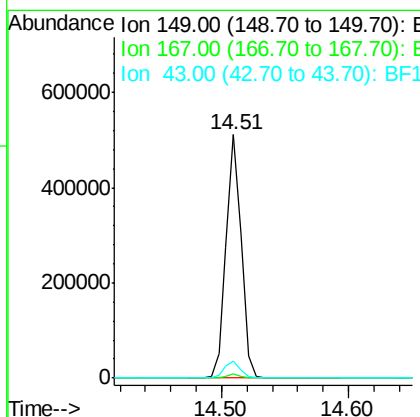
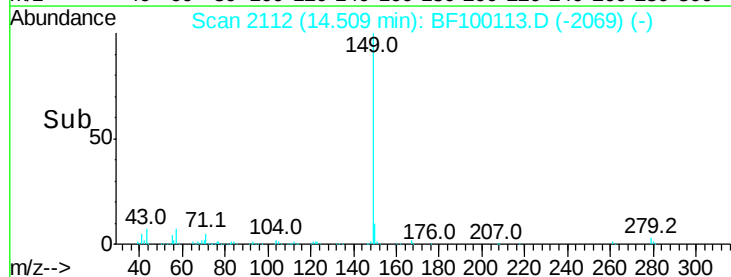
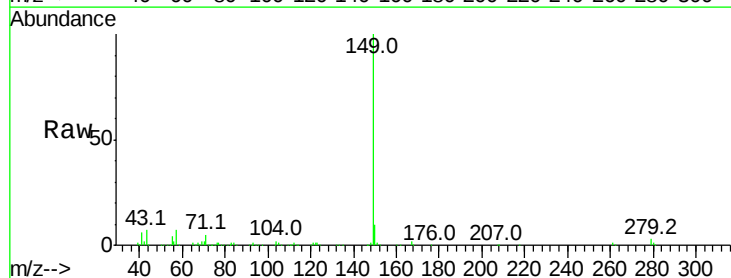
RT: 14.51 min Scan# 2112

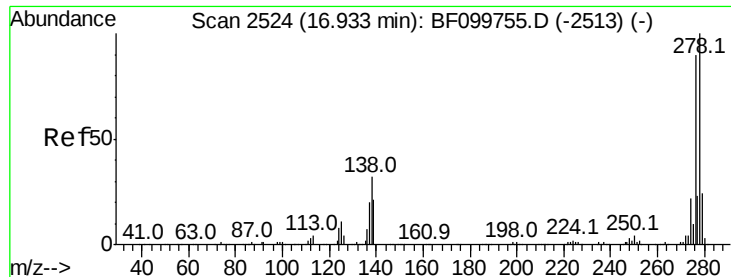
Delta R.T. -0.05 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	149	Resp:	424921
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.0	8.4	12.6#





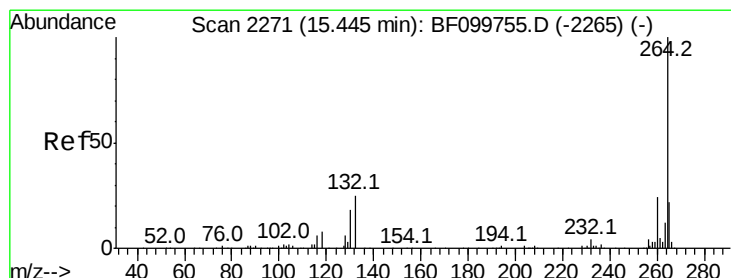
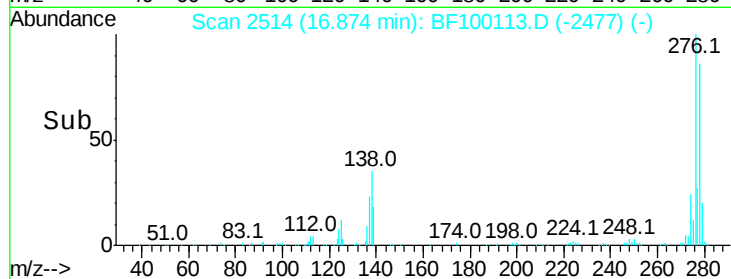
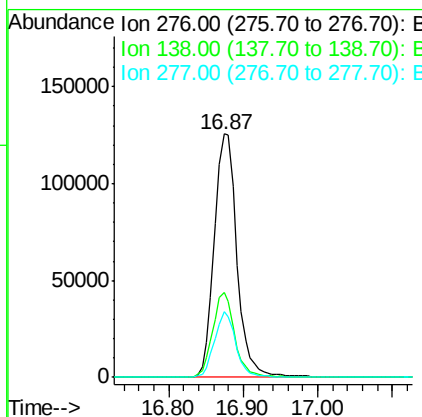
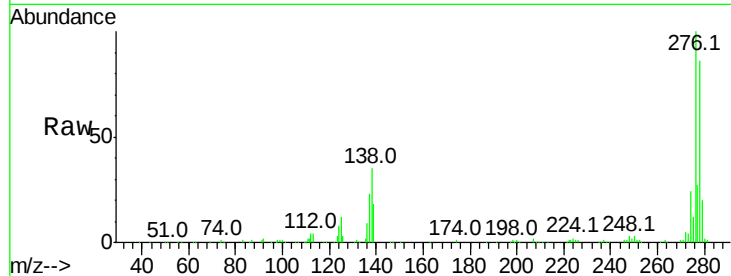
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.927 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.08 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	266320		
138	33.5	25.0	37.6	
277	25.3	20.1	30.1	

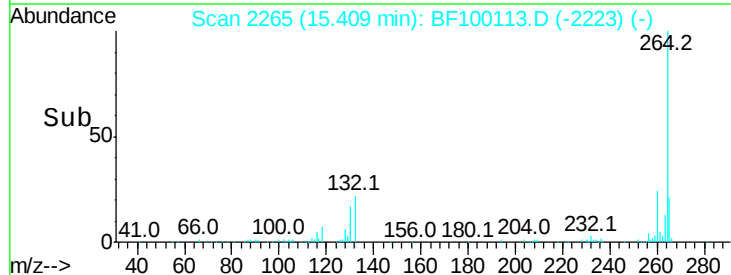
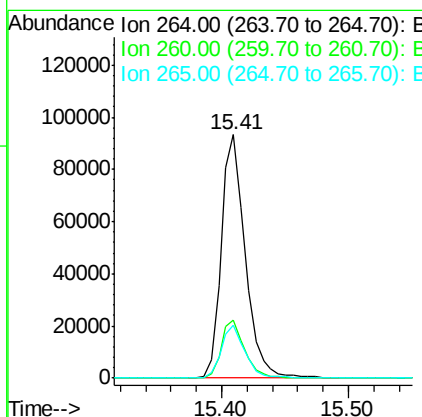
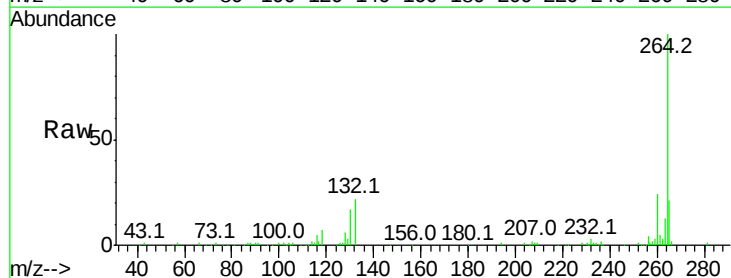
Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:21:01 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100113.D
 Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	122266		
260	23.6	19.2	28.8	
265	21.5	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 34.856 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.05 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

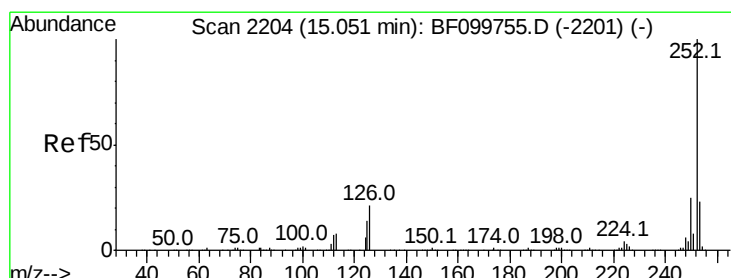
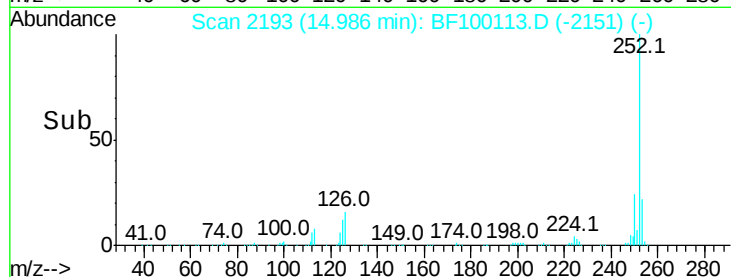
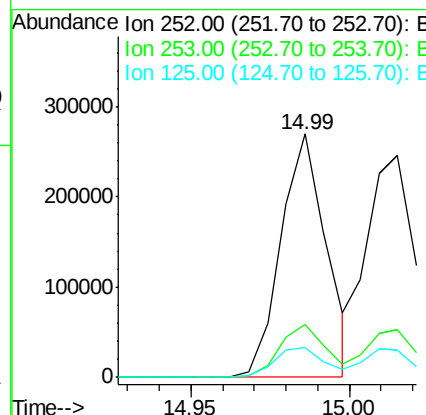
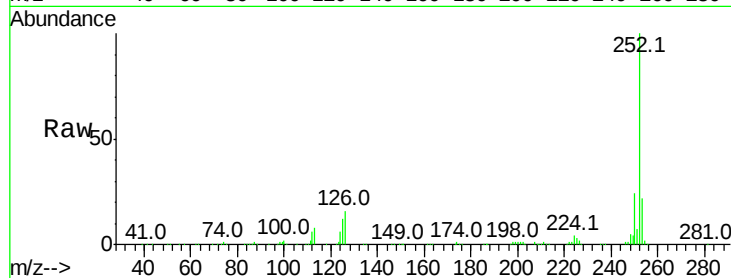
ClientSampleId :

PB103911BSD

Tot Ion:	252	Resp:	269103
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	12.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM



#88

Benzo(k)fluoranthene

Concen: 37.885 ng

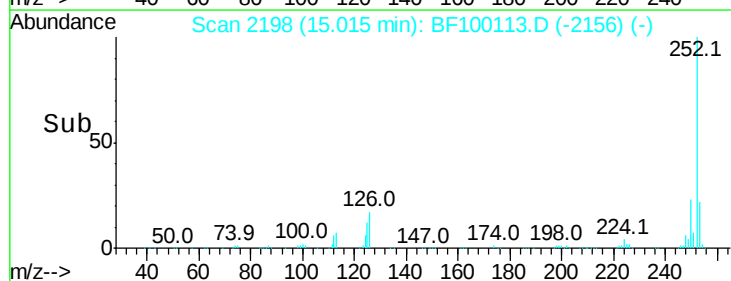
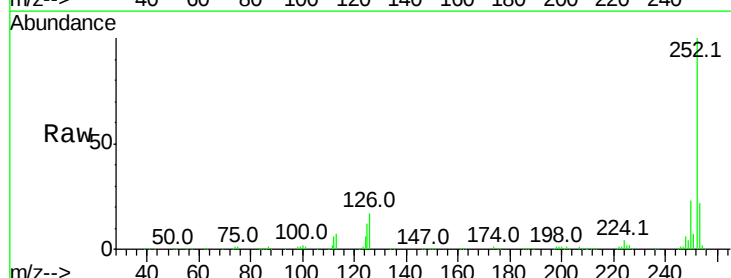
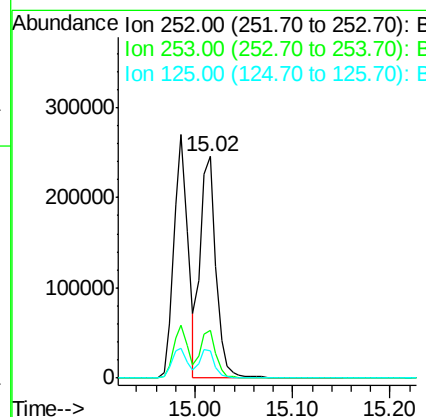
RT: 15.02 min Scan# 2198

Delta R.T. -0.05 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Tgt Ion:	252	Resp:	275810
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	12.2	10.2	15.2





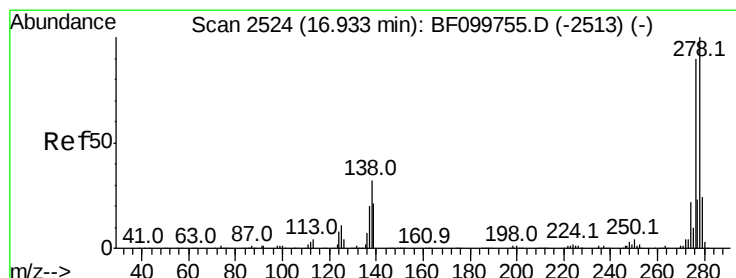
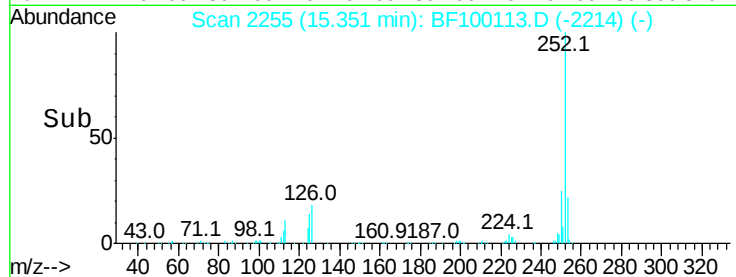
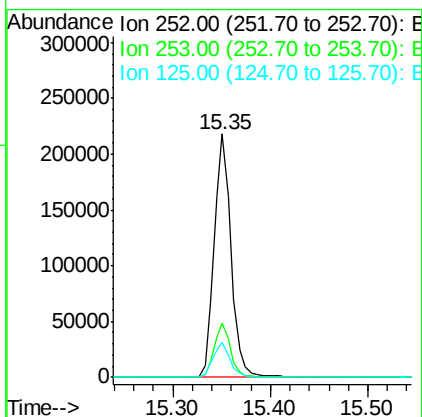
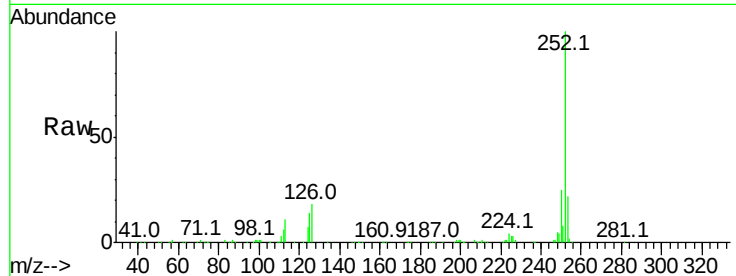
#89
Benzo(a)pyrene
Concen: 37.728 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.06 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.2	9.8	14.6

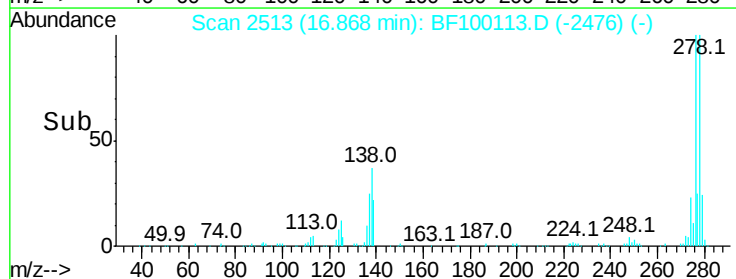
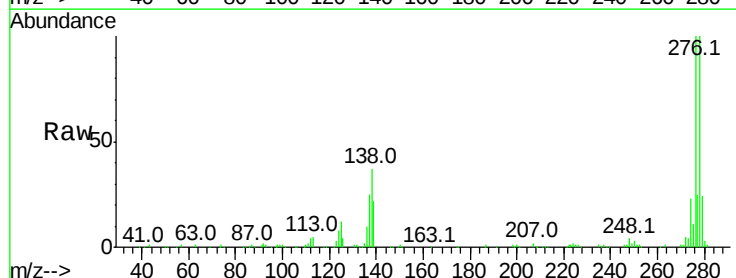
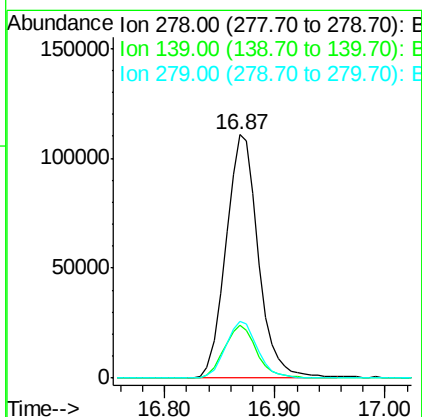
Manual Integrations
APPROVED

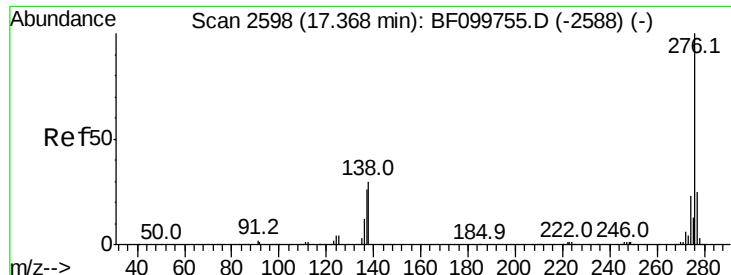
Sohil
11/3/2017 11:21:01 AM



#90
Dibenzo(a,h)anthracene
Concen: 36.878 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.08 min
Lab File: BF100113.D
Acq: 3 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.305 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.09 min

Lab File: BF100113.D

Acq: 3 Nov 2017 5:00

Instrument :

BNA_F

ClientSampleId :

PB103911BSD

Tot Ion:	276	Resp:	218883
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	31.6	21.8	32.8

Manual Integrations
APPROVED

Sohil
11/3/2017 11:21:01 AM

