

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104229.D
 Acq On : 4 Apr 2018 17:02
 Operator : JU/SJ
 Sample : PB107923BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:49 PM

Quant Time: Apr 04 18:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	117454	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	492687	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	234227	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	442815	20.00	ng	0.00
75) Chrysene-d12	14.14	240	341361	20.00	ng	0.00
86) Perylene-d12	15.67	264	254399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	898346	121.97	ng	0.00
7) Phenol-d6	6.60	99	1108191	122.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	686690	85.24	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	334137	128.11	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1354818	91.21	ng	0.00
78) Terphenyl-d14	13.07	244	1402543	94.87	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.88	88	101334	31.901	ng	Qvalue # 87
3) Pyridine	3.70	79	253761m	31.556	ng	
4) n-Nitrosodimethylamine	3.66	42	77044m	32.233	ng	
6) Aniline	6.63	93	223682	20.621	ng	# 71
8) 2-Chlorophenol	6.75	128	347803	43.050	ng	96
9) Benzaldehyde	6.53	77	51886	8.475	ng	91
10) Phenol	6.62	94	429702	42.800	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	364169	42.093	ng	90
12) 1,3-Dichlorobenzene	6.89	146	336052	37.004	ng	97
13) 1,4-Dichlorobenzene	6.97	146	381277	39.182	ng	100
14) 1,2-Dichlorobenzene	7.12	146	346707	39.640	ng	99
15) Benzyl Alcohol	7.10	79	221617	37.617	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	364912	38.716	ng	# 39
17) 2-Methylphenol	7.21	107	257040	39.090	ng	# 80
18) Hexachloroethane	7.45	117	129412	39.721	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	219239	40.770	ng	89
20) 3+4-Methylphenols	7.37	107	357414	42.590	ng	# 60
22) Acetophenone	7.36	105	472722	39.656	ng	99
24) Nitrobenzene	7.54	77	300589	35.461	ng	98
25) Isophorone	7.76	82	630260	42.450	ng	99
26) 2-Nitrophenol	7.85	139	189871	42.912	ng	95
27) 2,4-Dimethylphenol	7.89	122	282394	44.253	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	401141	43.109	ng	99
29) 2,4-Dichlorophenol	8.10	162	283207	42.490	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	298220	39.434	ng	99
31) Naphthalene	8.26	128	1009751	41.952	ng	100
32) Benzoic acid	8.03	122	110518	23.641	ng	93
33) 4-Chloroaniline	8.33	127	101830	10.035	ng	94
34) Hexachlorobutadiene	8.36	225	157108	38.176	ng	98
35) Caprolactam	8.69	113	96337m	45.583	ng	
36) 4-Chloro-3-methylphenol	8.80	107	309619	43.918	ng	99
37) 2-Methylnaphthalene	8.95	142	644883	40.675	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	294584	41.013	ng	98
40) Hexachlorocyclopentadiene	9.09	237	204588	61.825	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104229.D
 Acq On : 4 Apr 2018 17:02
 Operator : JU/SJ
 Sample : PB107923BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:49 PM

Quant Time: Apr 04 18:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	174852	38.444	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	207227	37.736	nq	95
45) 1,1'-Biphenyl	9.41	154	809596	40.272	nq	99
46) 2-Chloronaphthalene	9.44	162	641773	40.471	nq	98
47) 2-Nitroaniline	9.55	65	179242	39.640	nq	93
48) Acenaphthylene	9.86	152	933853	38.872	nq	99
49) Dimethylphthalate	9.71	163	731125	39.535	nq	100
50) 2,6-Dinitrotoluene	9.78	165	165402	41.573	nq	96
51) Acenaphthene	10.02	154	535787	38.553	nq	99
52) 3-Nitroaniline	9.97	138	87260	19.079	nq	97
53) 2,4-Dinitrophenol	10.08	184	72646	44.484	nq #	29
54) Dibenzofuran	10.20	168	824486	40.626	nq	97
55) 4-Nitrophenol	10.15	139	146326	53.359	nq	93
56) 2,4-Dinitrotoluene	10.19	165	205224	40.424	nq #	96
57) Fluorene	10.55	166	678132	40.508	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	188037	45.703	nq #	85
59) Diethylphthalate	10.40	149	711335	40.152	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	324810	42.244	nq	94
61) 4-Nitroaniline	10.60	138	160335	37.466	nq	95
62) Azobenzene	10.69	77	655497	40.919	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	82250	30.685	nq	87
65) n-Nitrosodiphenylamine	10.66	169	600221	40.024	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	189425	39.984	nq	91
67) Hexachlorobenzene	11.09	284	214048	39.278	nq	95
68) Atrazine	11.18	200	194453	42.324	nq	98
69) Pentachlorophenol	11.29	266	187335	62.471	nq	95
70) Phenanthrene	11.51	178	940953	39.248	nq	98
71) Anthracene	11.56	178	1115566	44.548	nq	99
72) Carbazole	11.73	167	986747	41.285	nq	99
73) Di-n-butylphthalate	12.03	149	1113827	39.123	nq	99
74) Fluoranthene	12.70	202	1056546	41.460	nq	98
76) Benzidine	12.84	184	312791	32.154	nq	98
77) Pyrene	12.94	202	1026688	41.839	nq	99
79) Butylbenzylphthalate	13.53	149	471225	40.760	nq	96
80) Benzo(a)anthracene	14.13	228	819241	38.355	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	151748	21.463	nq	99
82) Chrysene	14.17	228	906309	43.321	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	622291	41.660	nq	99
84) Di-n-octyl phthalate	14.70	149	978076	38.064	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	599769	27.666	nq	96
87) Benzo(b)fluoranthene	15.22	252	614173	39.669	nq	98
88) Benzo(k)fluoranthene	15.25	252	752247	51.578	nq	98
89) Benzo(a)pyrene	15.61	252	621660	43.329	nq	99
90) Dibenzo(a,h)anthracene	17.27	278	501437	37.801	nq	97
91) Benzo(g,h,i)perylene	17.74	276	500693	37.684	nq	97

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

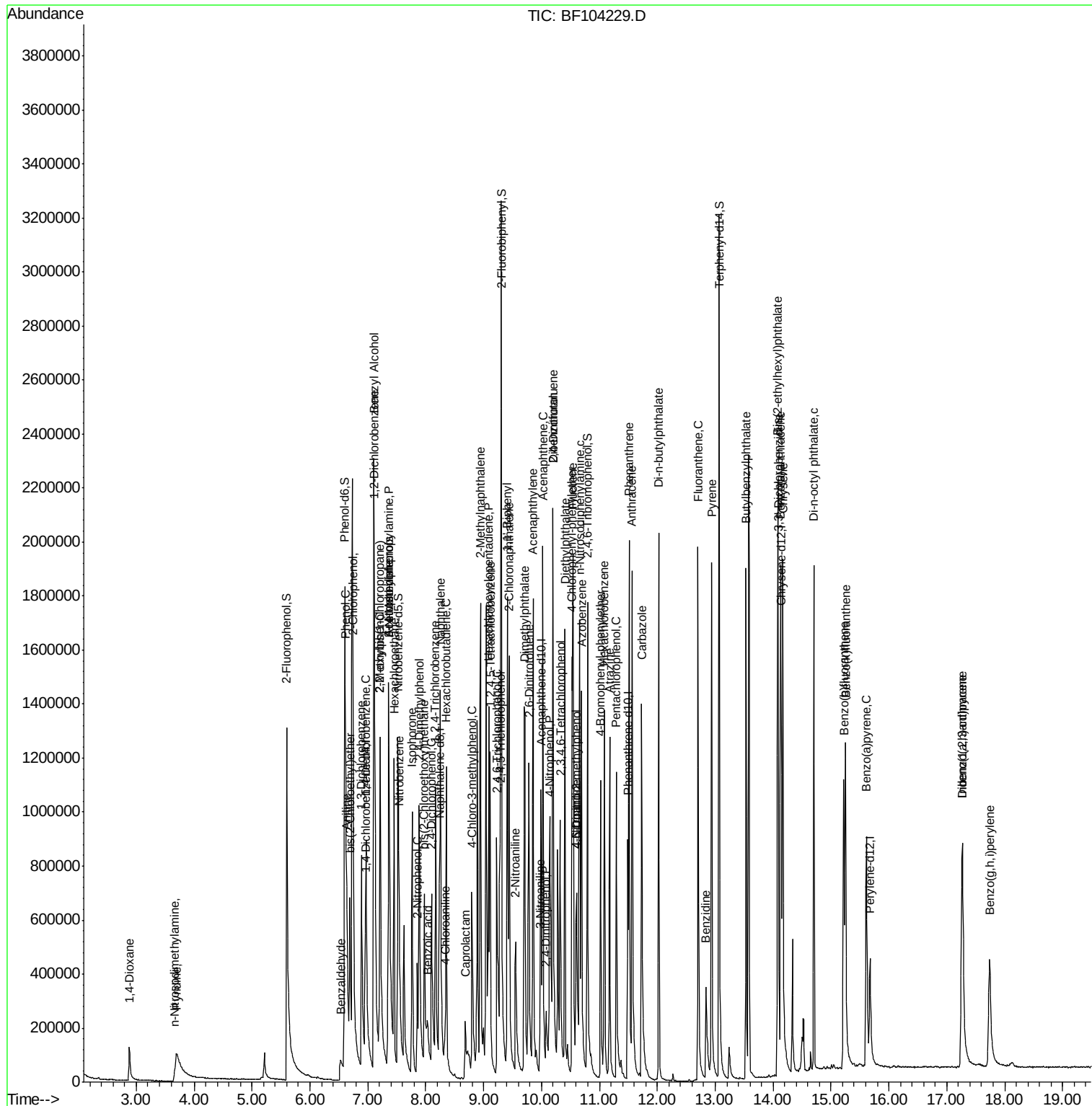
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104229.D
Acq On    : 4 Apr 2018 17:02
Operator  : JU/SJ
Sample    : PB107923BS
Misc      :
ALS Vial  : 7 Sample Multiplier: 1
```

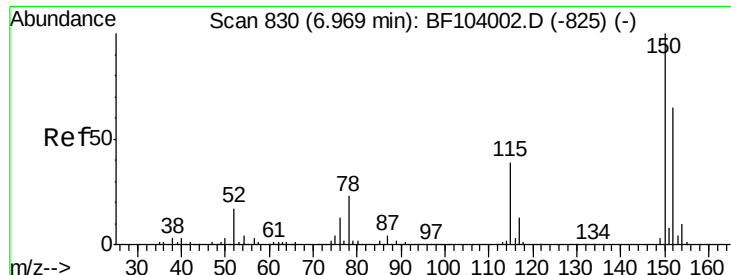
Instrument :
BNA_F
ClientSampleId :
PB107923BS

Manual Integrations APPROVED

Sohil
4/5/2018 4:38:49 PM

Quant Time: Apr 04 18:24:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration





#1

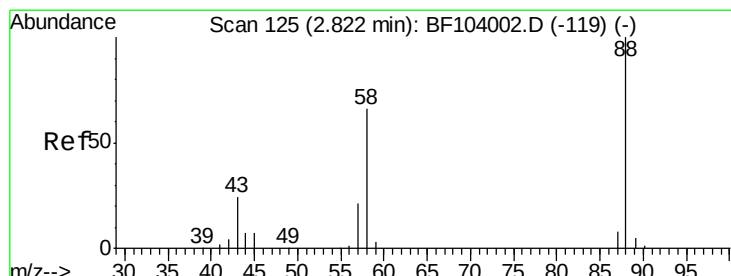
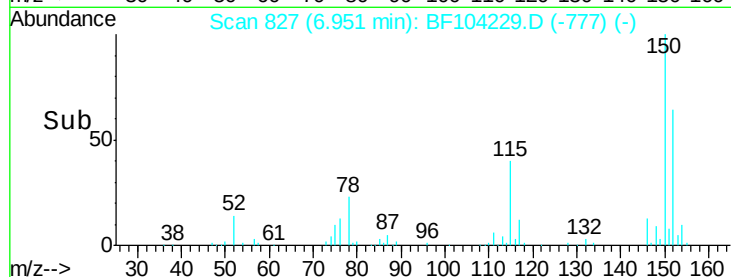
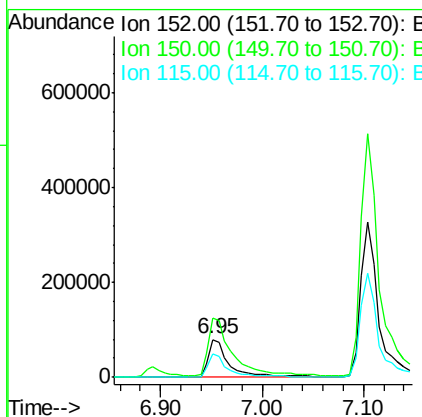
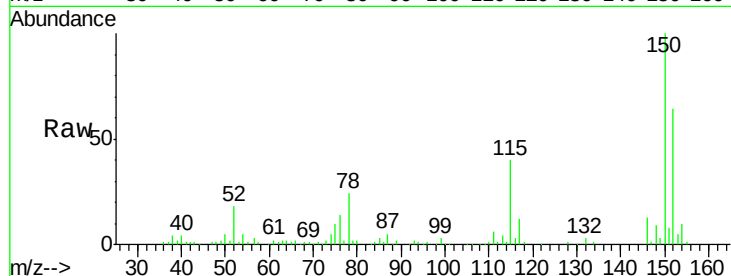
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	62.5	50.1	75.1

Manual Integrations
APPROVED

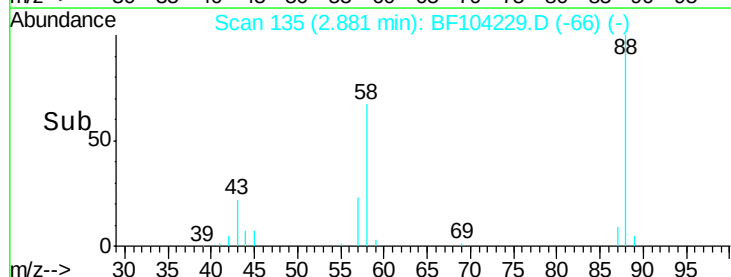
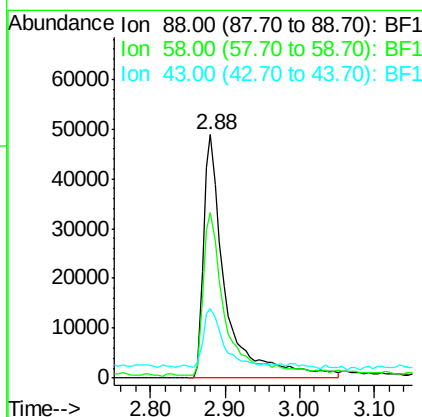
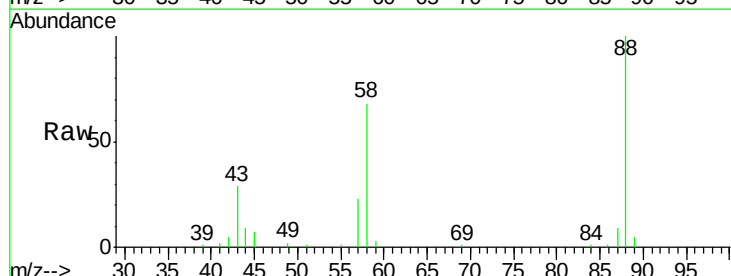
Sohil
4/5/2018 4:38:49 PM

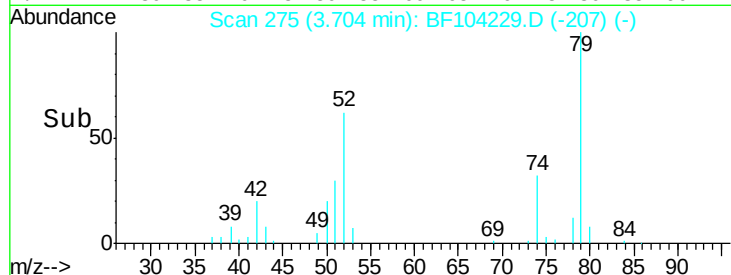
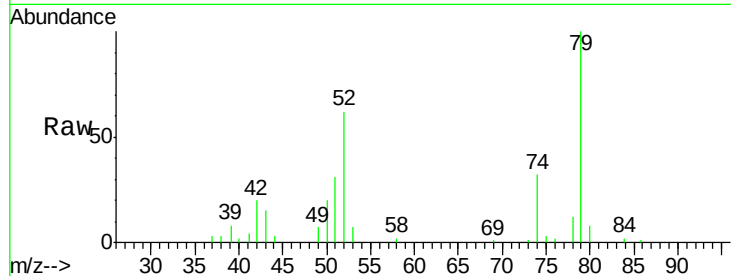
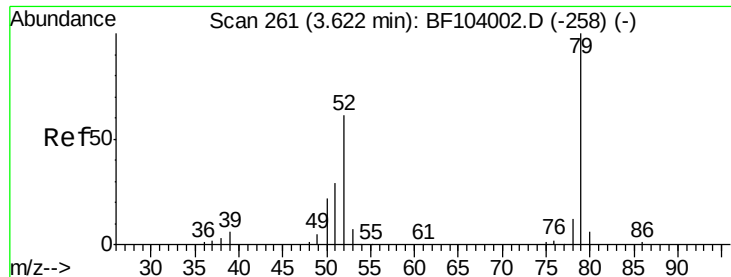


#2

1,4-Dioxane
Concen: 31.901 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.11 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	62.6	93.8
43	22.2	24.6	37.0





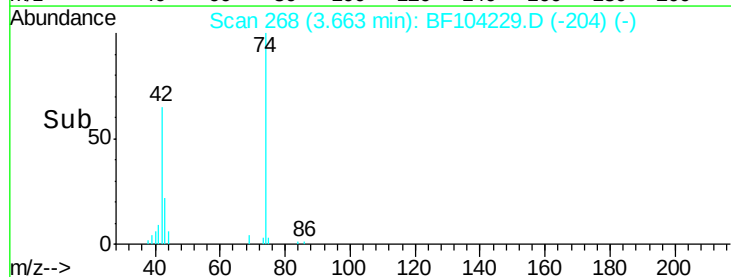
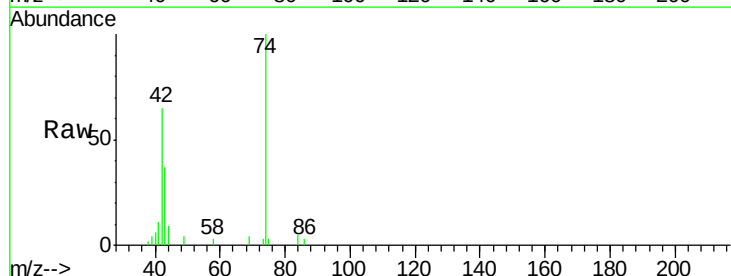
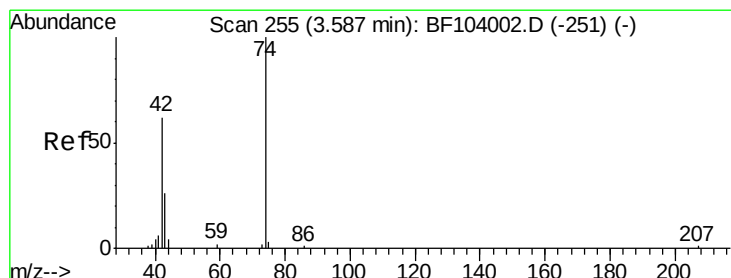
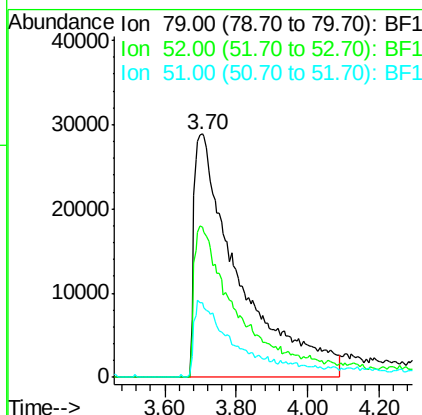
#3
Pvridine
Concen: 31.556 ng m
RT: 3.70 min Scan# 275
Delta R.T. 0.10 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tot Ion:	79	Resp:	253761
Ion	Ratio	Lower	Upper
79	100		
52	61.8	59.8	89.6
51	30.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB107923BS

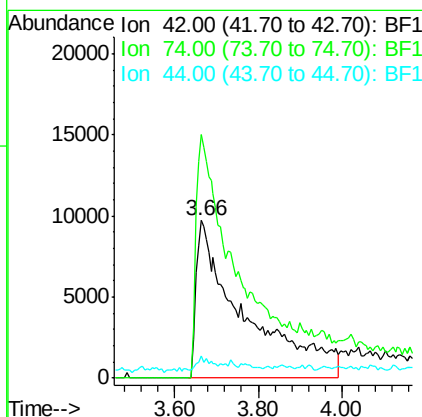
Manual Integrations
APPROVED

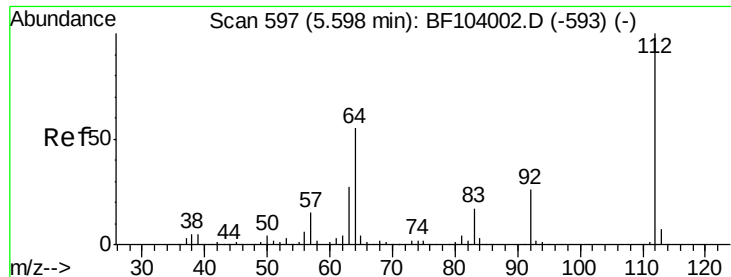
Sohil
4/5/2018 4:38:49 PM



#4
n-Nitrosodimethylamine
Concen: 32.233 ng m
RT: 3.66 min Scan# 268
Delta R.T. 0.08 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:	42	Resp:	77044
Ion	Ratio	Lower	Upper
42	100		
74	154.8	104.9	157.3
44	14.1	6.9	10.3





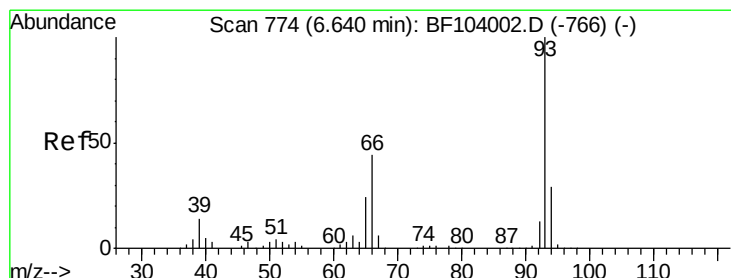
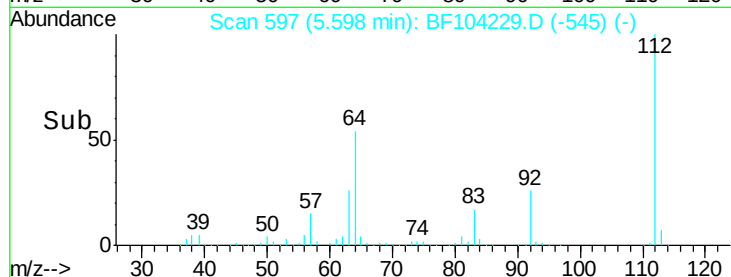
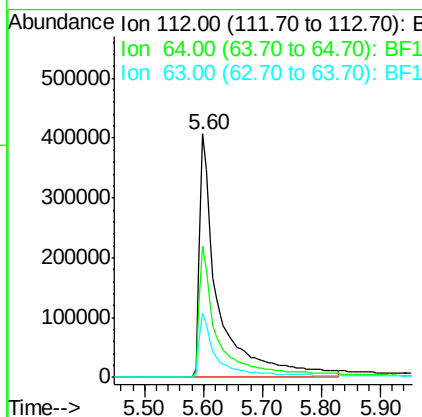
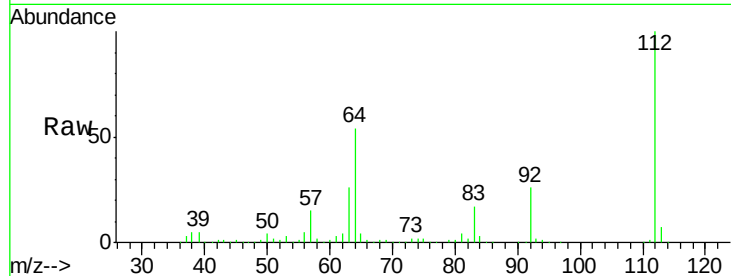
#5
2-Fluorophenol
Concen: 121.974 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	898346		
64	53.7		47.9	71.9
63	26.5		23.7	35.5

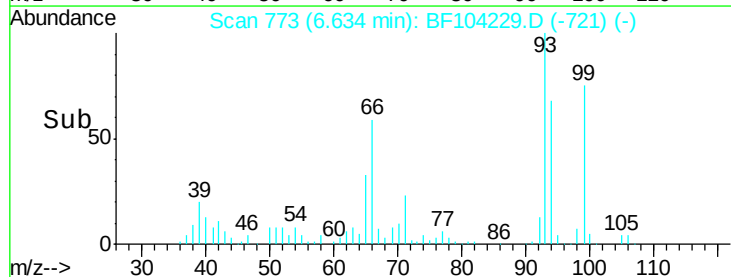
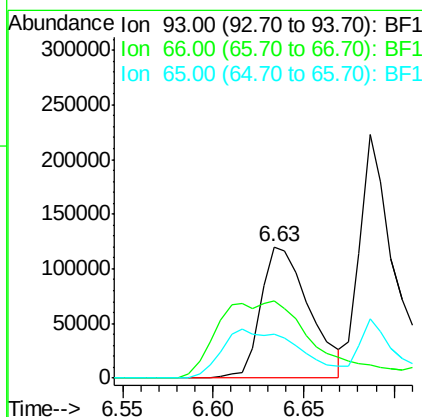
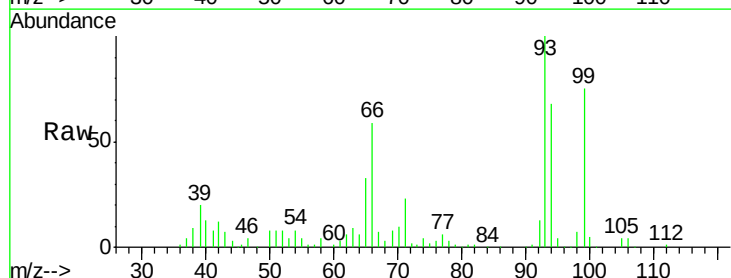
Manual Integrations
APPROVED

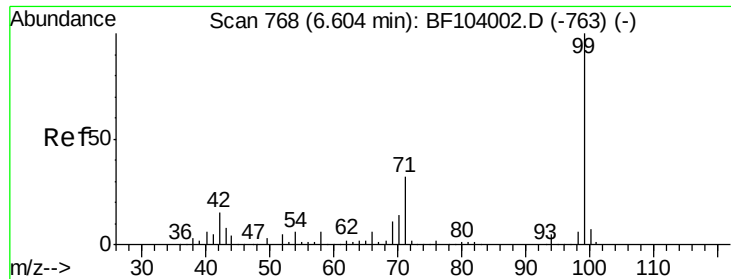
Sohil
4/5/2018 4:38:49 PM



#6
Aniline
Concen: 20.621 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	223682		
66	59.0		32.2	48.2#
65	33.1		16.4	24.6#





#7

Phenol-d6

Concen: 122.300 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

PB107923BS

Tot Ion: 99 Resp: 1108191

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

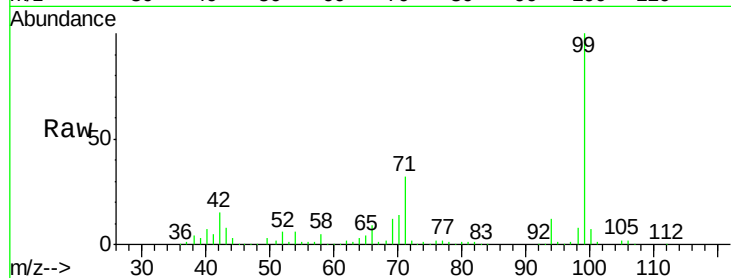
71 31.6 25.4 38.0

Manual Integrations

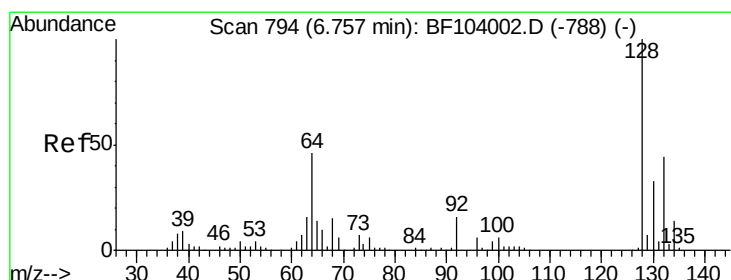
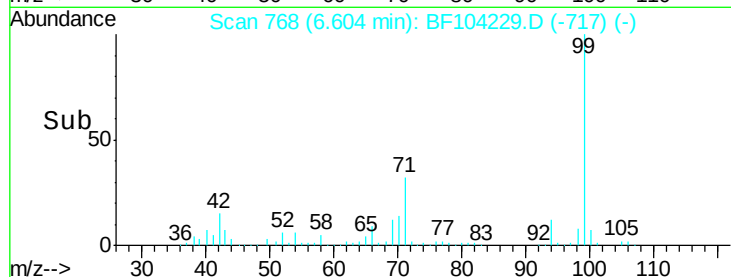
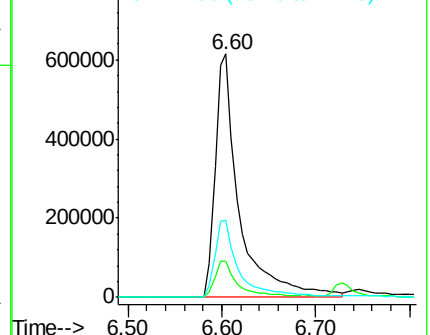
APPROVED

Sohil

4/5/2018 4:38:49 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.050 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

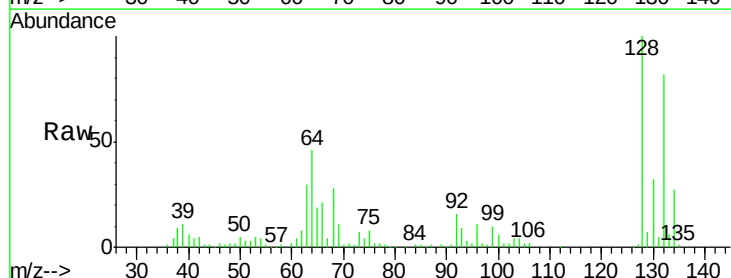
Tgt Ion:128 Resp: 347803

Ion Ratio Lower Upper

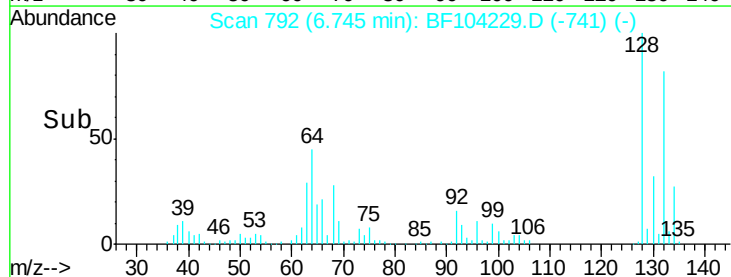
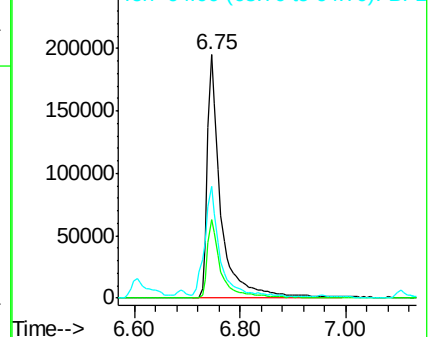
128 100

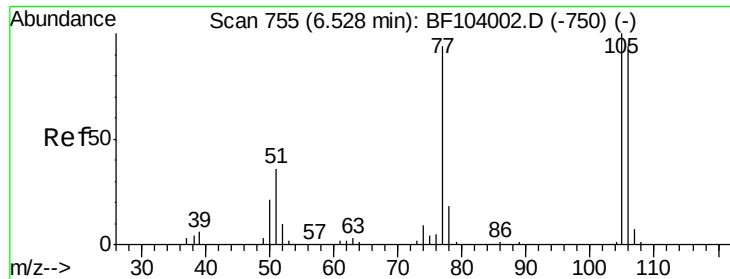
130 32.4 13.0 53.0

64 45.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.475 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

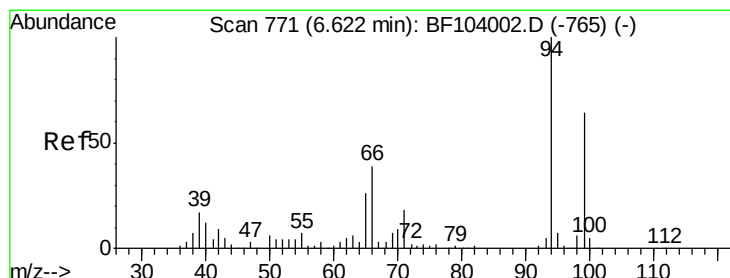
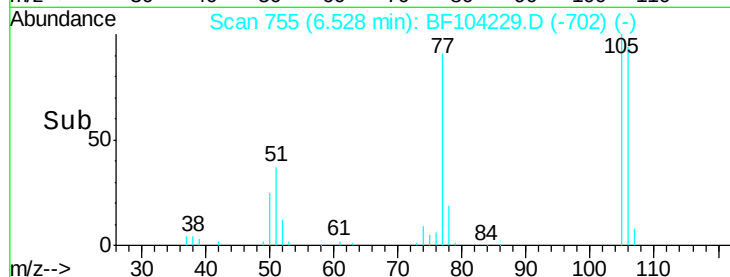
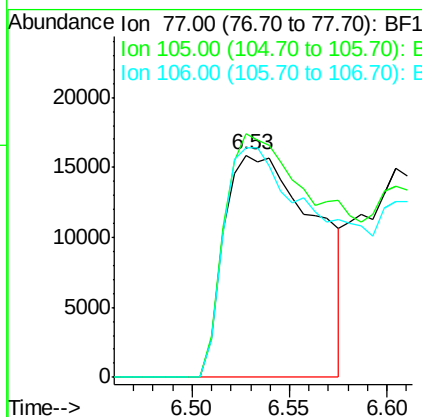
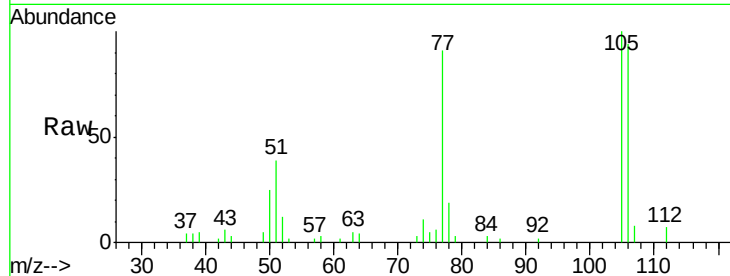
ClientSampleId :

PB107923BS

Tot Ion:	77	Resp:	51886
Ion	Ratio	Lower	Upper
77	100		
105	109.6	81.1	121.1
106	103.4	74.5	114.5

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM



#10

Phenol

Concen: 42.800 ng

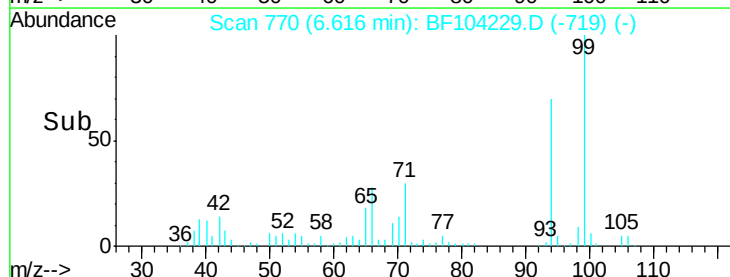
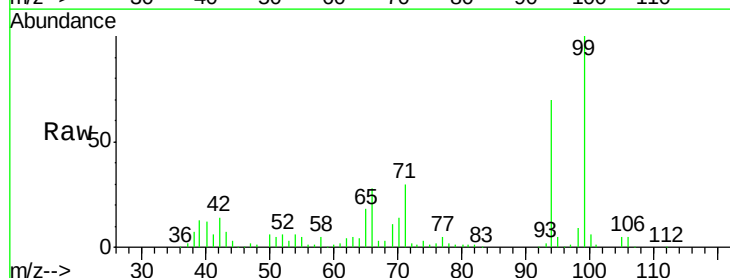
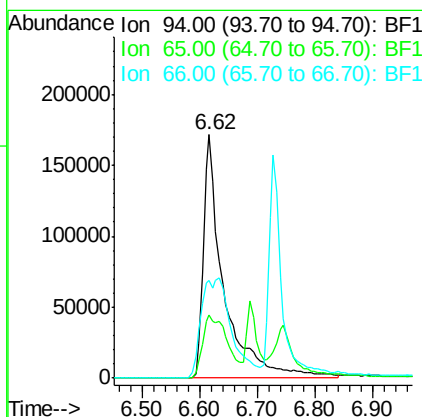
RT: 6.62 min Scan# 770

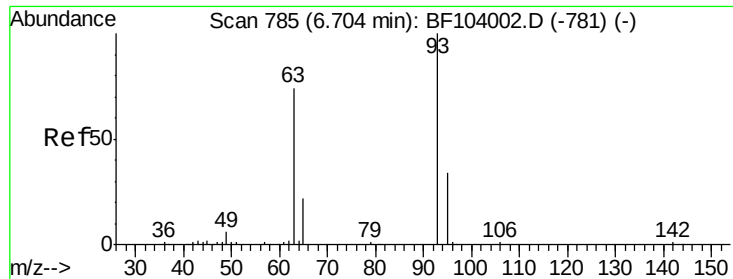
Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:	94	Resp:	429702
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	40.1	16.2	56.2





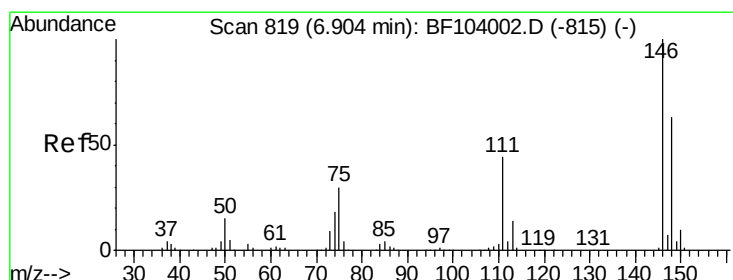
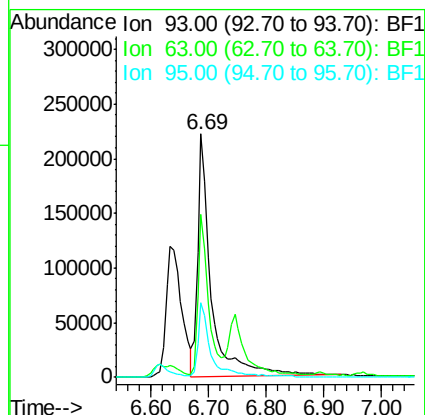
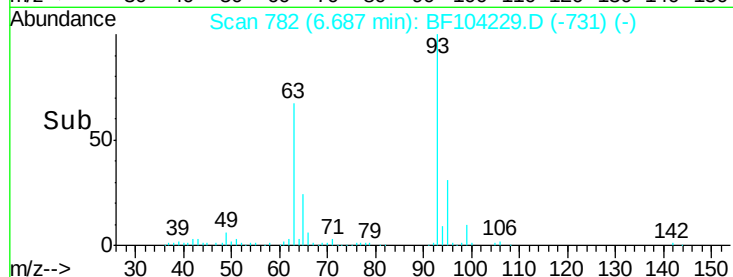
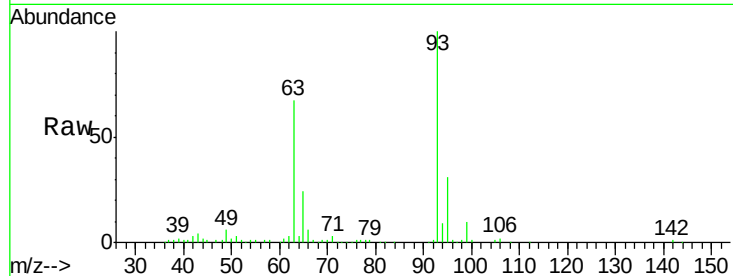
#11
bis(2-Chloroethyl)ether
Concen: 42.093 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion:	93	Resp:	364169
Ion	Ratio	Lower	Upper
93	100		
63	67.1	58.6	98.6
95	30.6	11.8	51.8

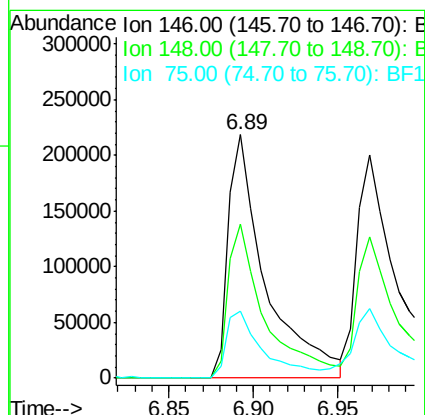
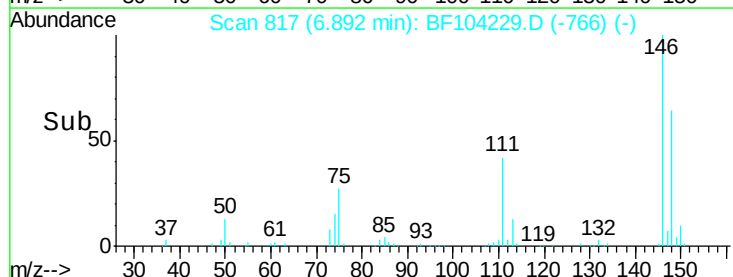
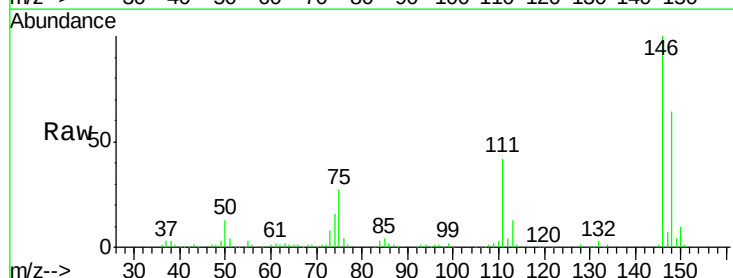
Manual Integrations
APPROVED

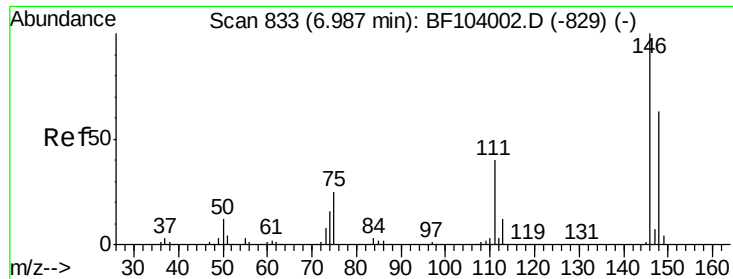
Sohil
4/5/2018 4:38:49 PM



#12
1,3-Dichlorobenzene
Concen: 37.004 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:	146	Resp:	336052
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	27.3	24.2	36.4





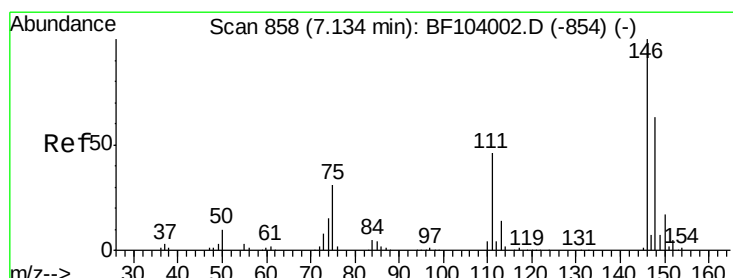
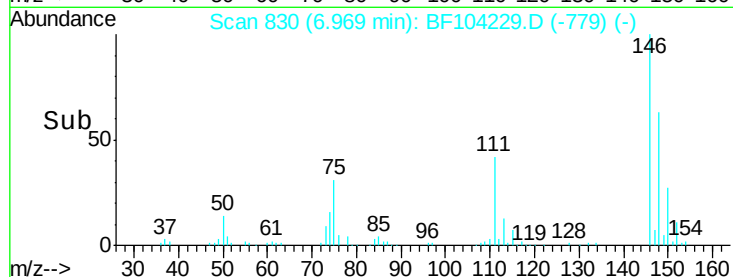
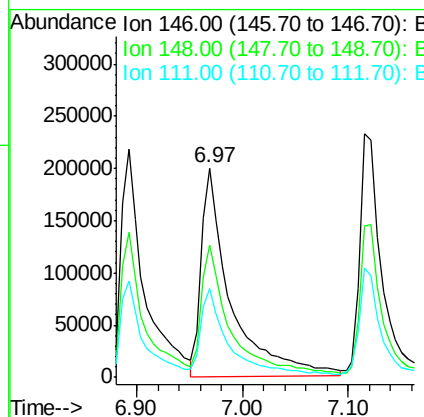
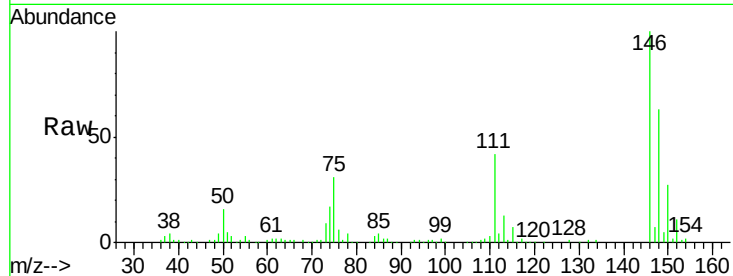
#13
 1,4-Dichlorobenzene
 Concen: 39.182 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	42.2	34.2	51.2

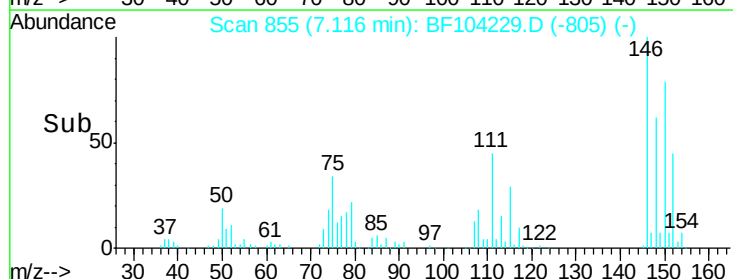
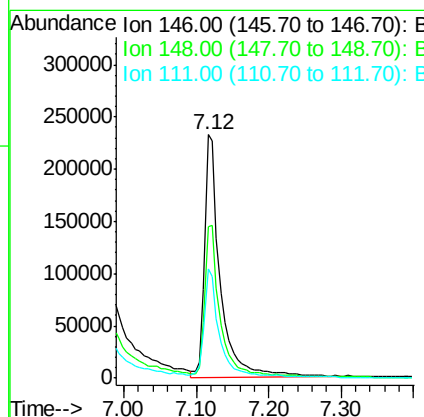
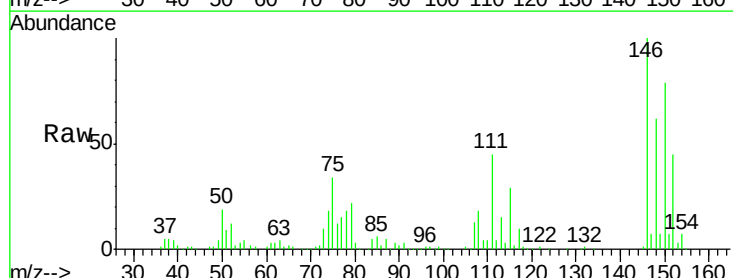
Manual Integrations
 APPROVED

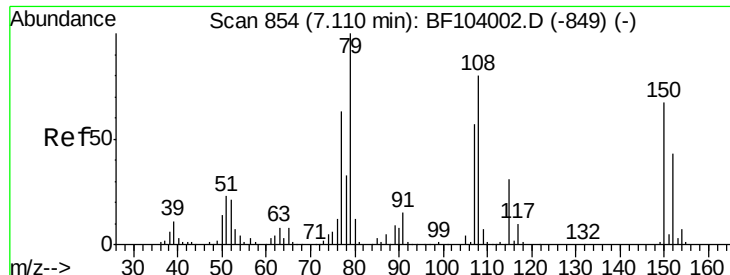
Sohil
 4/5/2018 4:38:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.640 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	75.8
111	44.9	36.0	54.0





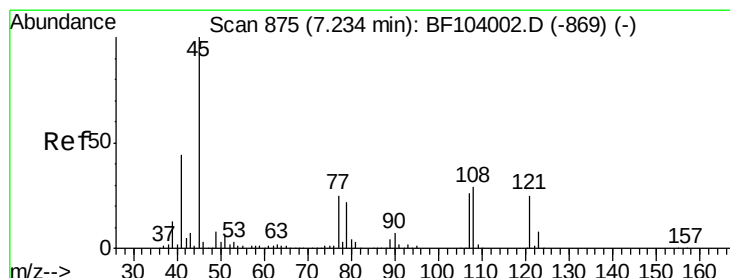
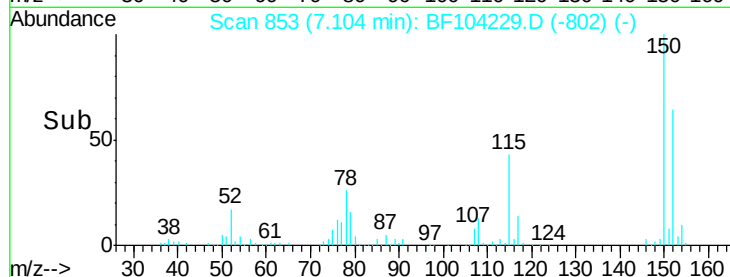
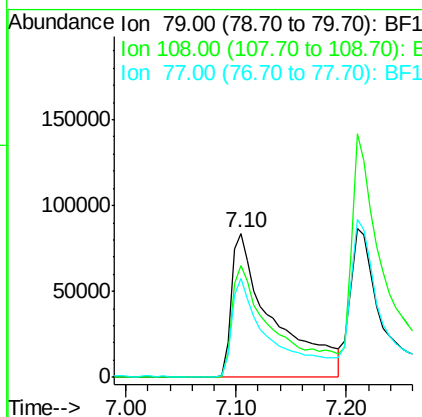
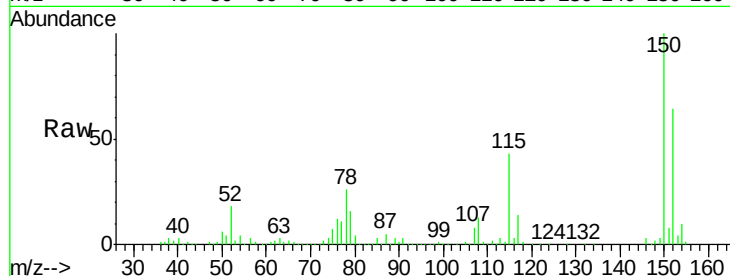
#15
Benzyl Alcohol
Concen: 37.617 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	65.1	97.7
77	68.6	50.6	75.8

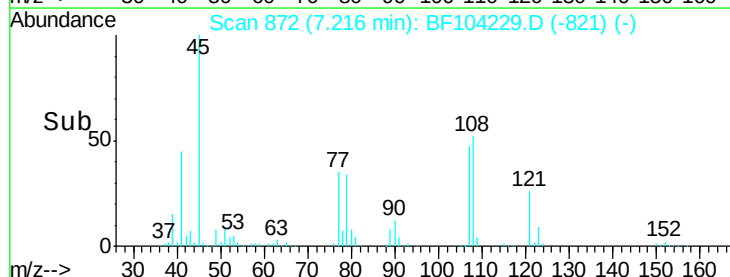
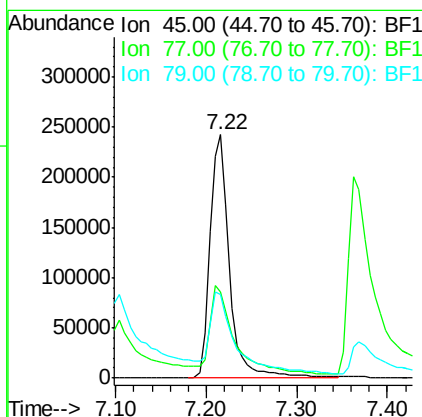
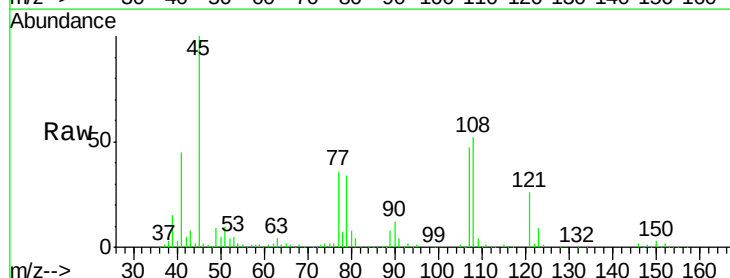
Manual Integrations
APPROVED

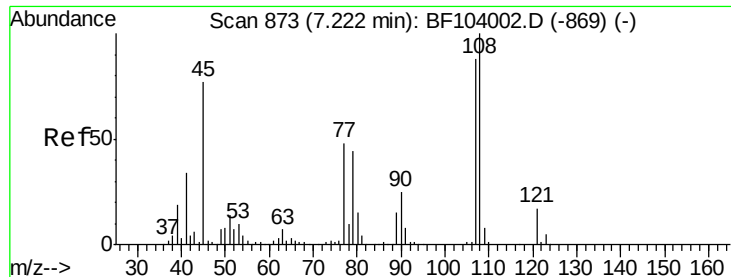
Sohil
4/5/2018 4:38:49 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.716 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.5	0.0	32.9#
79	34.3	0.0	29.6#





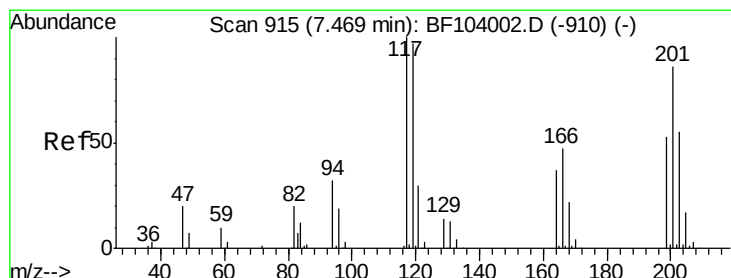
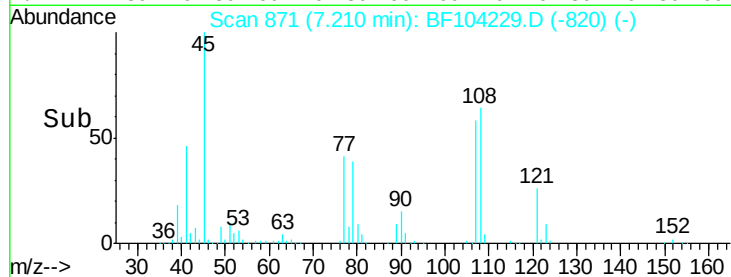
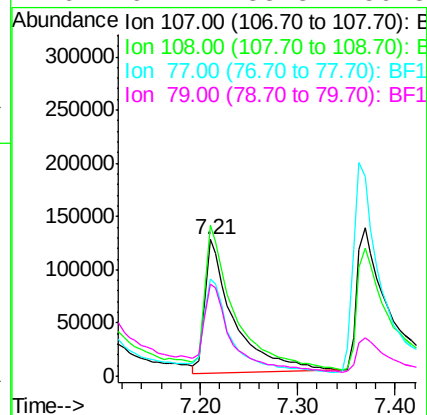
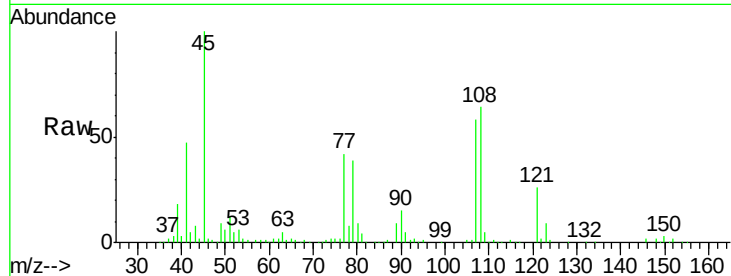
#17
2-Methylphenol
Concen: 39.090 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		257040		
108	110.6	91.7	137.5		
77	71.6	33.8	50.8#		
79	67.4	33.8	50.8#		

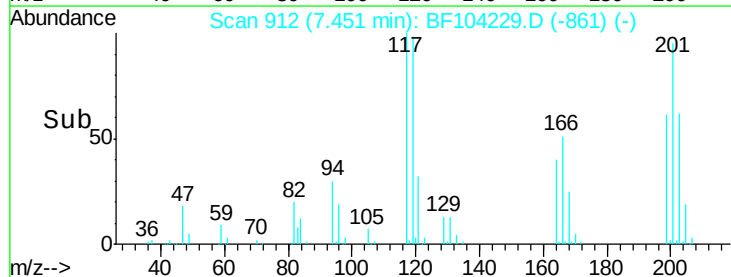
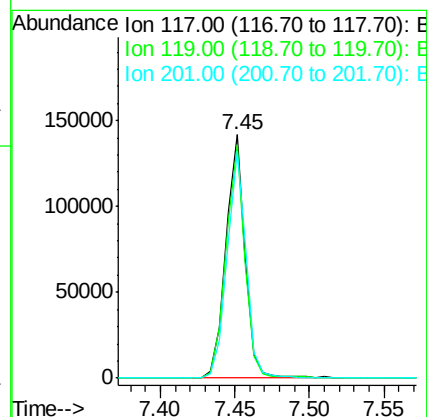
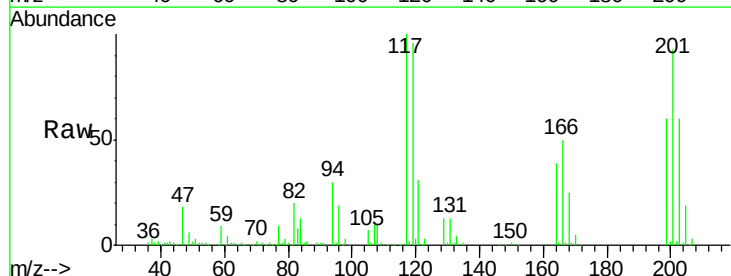
Manual Integrations
APPROVED

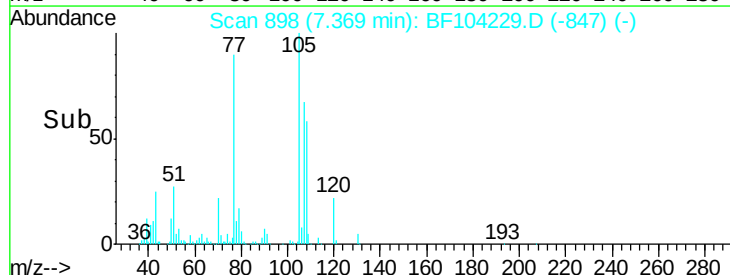
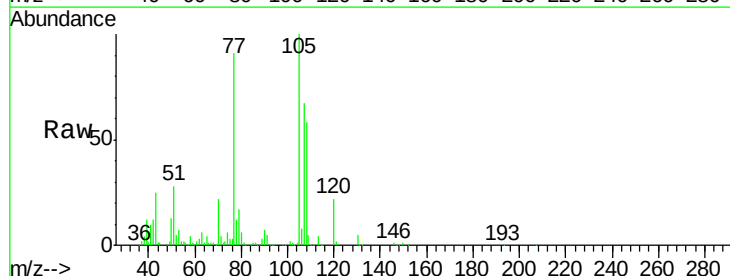
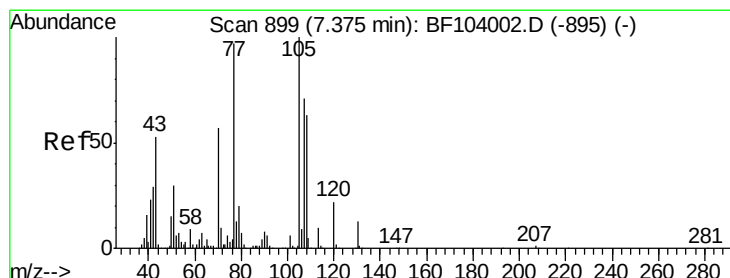
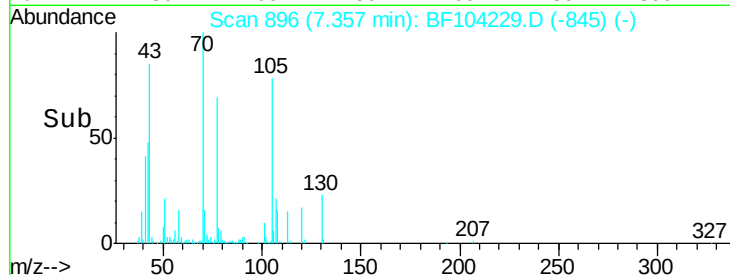
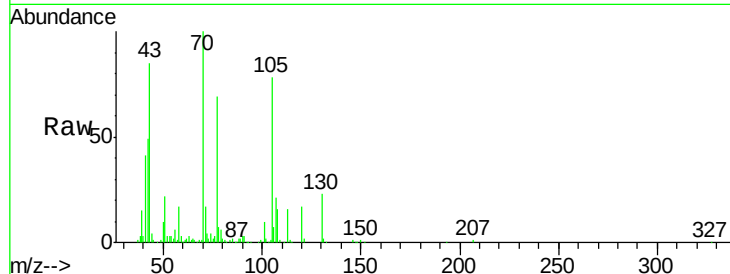
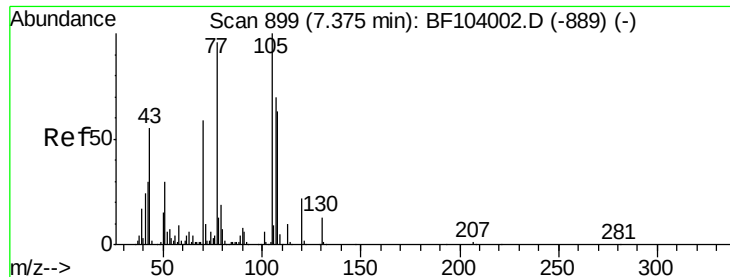
Sohil
4/5/2018 4:38:49 PM



#18
Hexachloroethane
Concen: 39.721 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

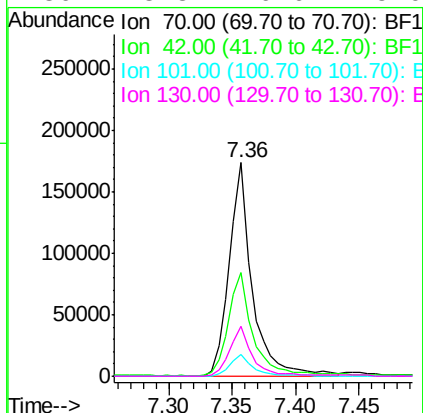
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		129412		
119	96.1	75.8	113.8		
201	93.4	75.7	113.5		





#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tot Ion	70	Resp	219239
Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.5	71.3
101	10.0	7.4	11.2
130	23.3	16.6	25.0



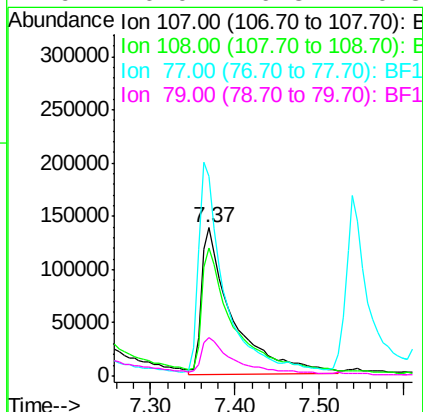
Instrument :
BNA_F
ClientSampleId :
PB107923BS

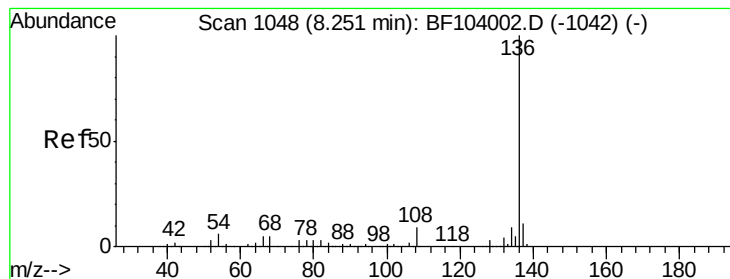
Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM

#20
3+4-Methylphenols
Concen: 42.590 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	107	Resp	357414
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	135.4	26.7	66.7#
79	26.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

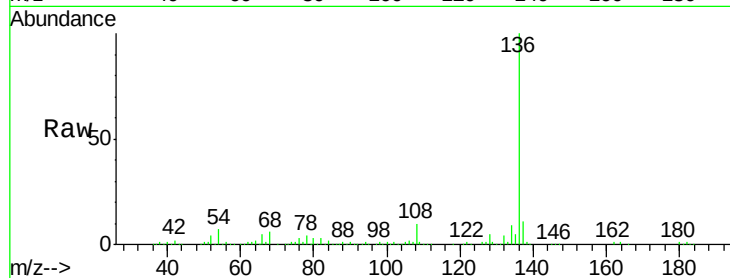
ClientSampleId :

PB107923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
492687	136	100			
	137	10.7	8.9	13.3	
	54	6.8	6.6	9.8	
	68	5.6	5.0	7.4	

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM

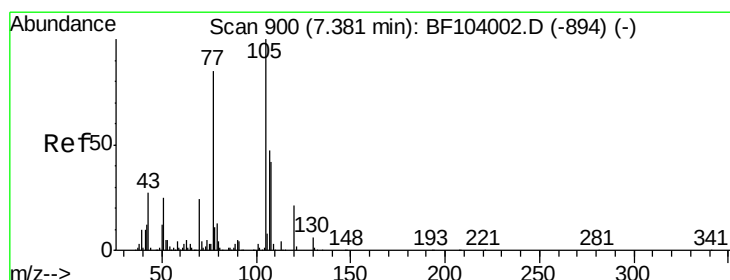
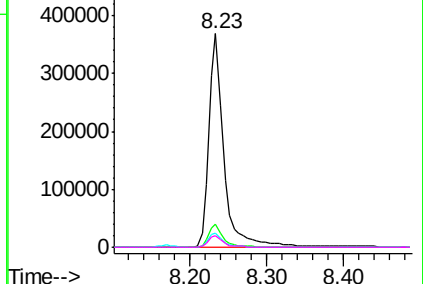
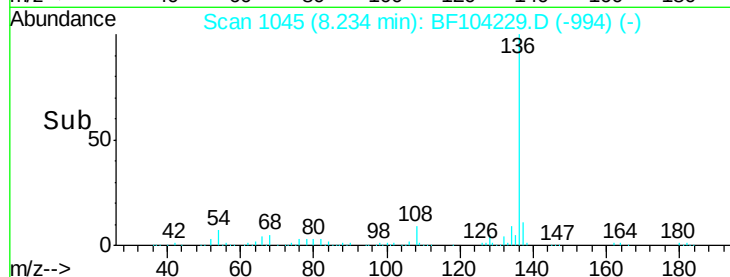


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.656 ng

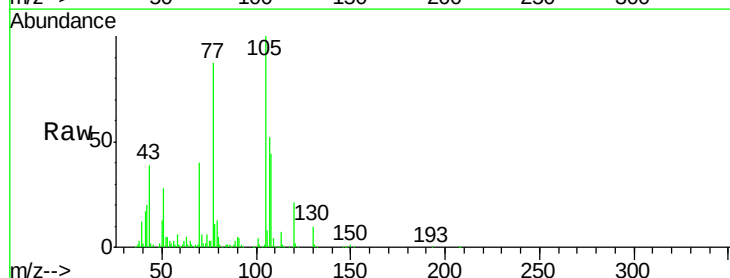
RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
472722	105	100			
	71	6.5	4.4	6.6	
	51	27.8	22.3	33.5	
	120	21.3	16.9	25.3	

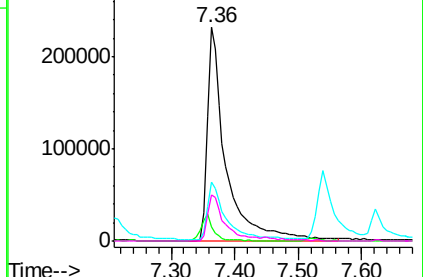
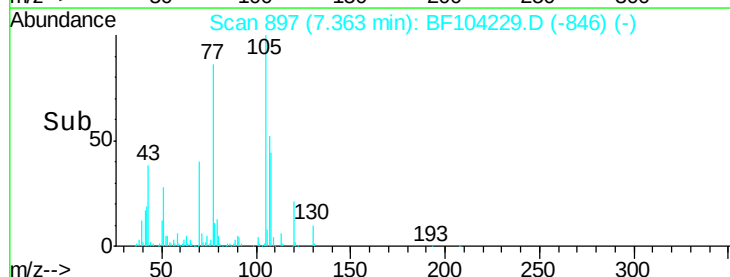


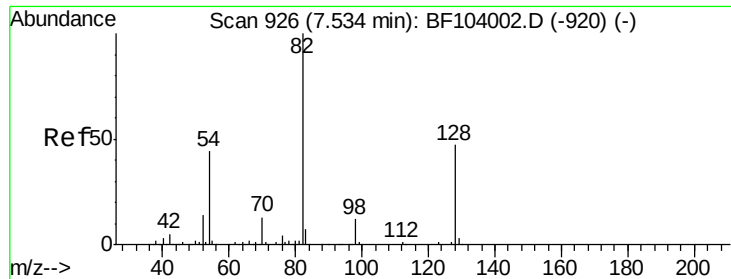
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





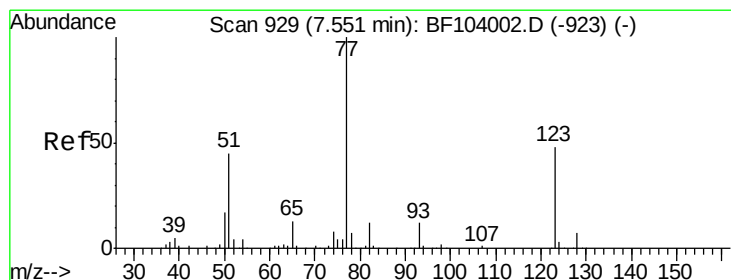
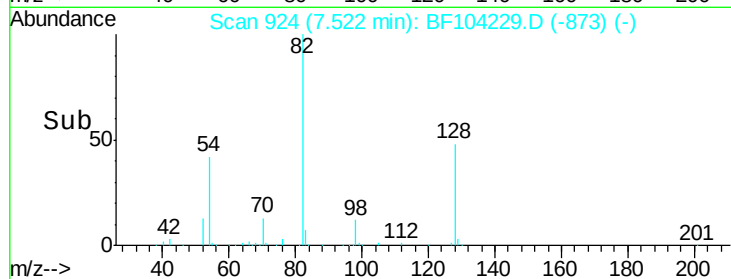
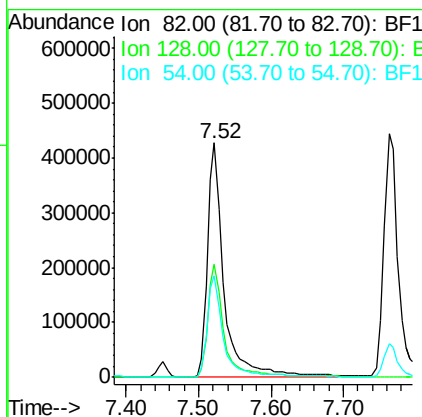
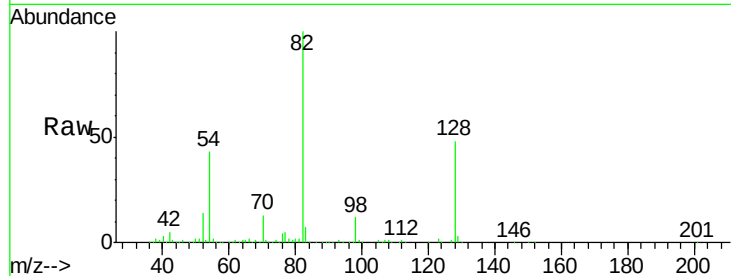
#23
 Nitrobenzene-d5
 Concen: 85.236 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	686690		
128	48.4		36.1	54.1
54	43.2		41.4	62.2

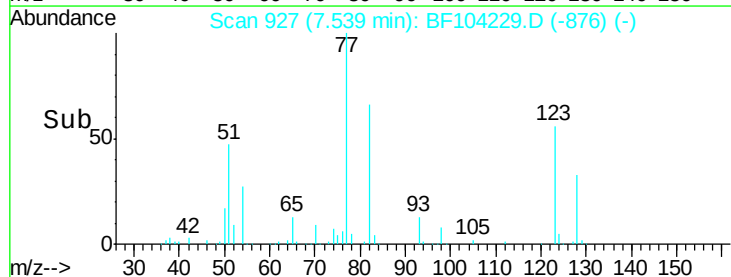
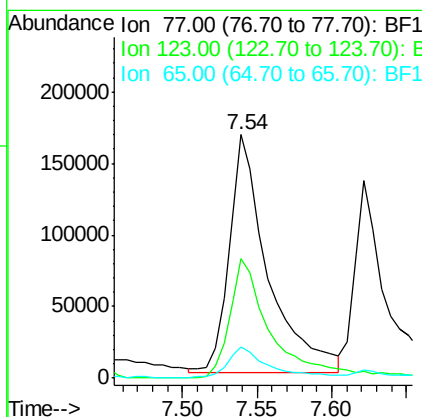
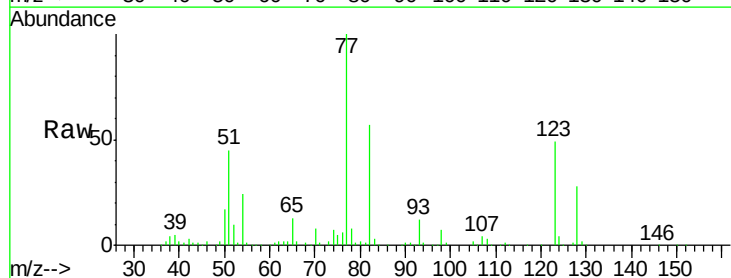
Manual Integrations
 APPROVED

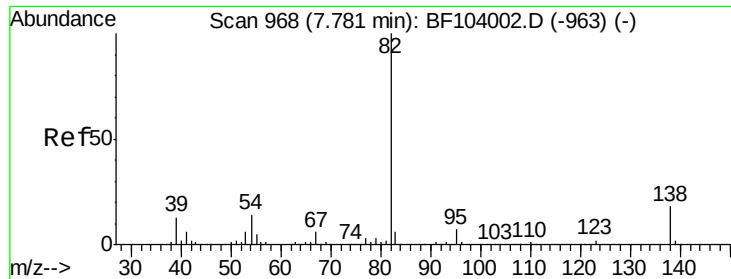
Sohil
 4/5/2018 4:38:49 PM



#24
 Nitrobenzene
 Concen: 35.461 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	300589		
123	49.0		37.9	56.9
65	12.7		11.0	16.4





#25

Isophorone

Concen: 42.450 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tot Ion:	82	Resp:	630260
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	19.3	14.9	22.3

Instrument :

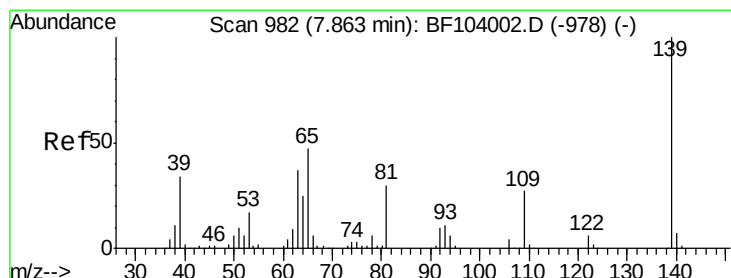
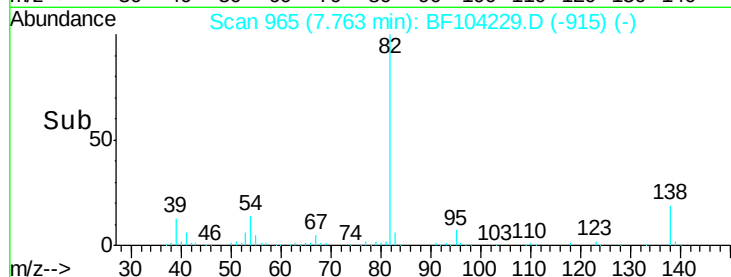
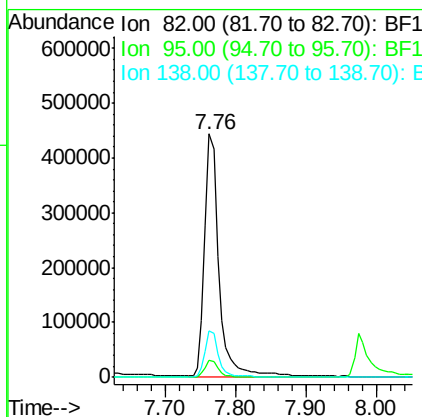
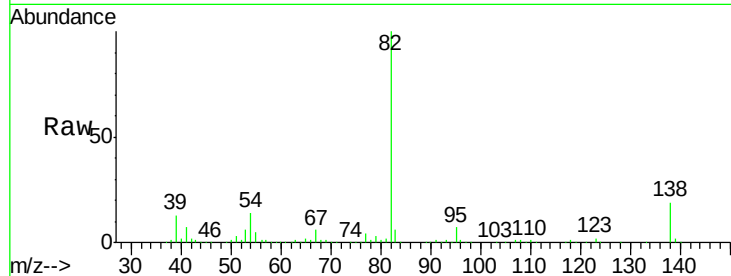
BNA_F

ClientSampleId :

PB107923BS

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM



#26

2-Nitrophenol

Concen: 42.912 ng

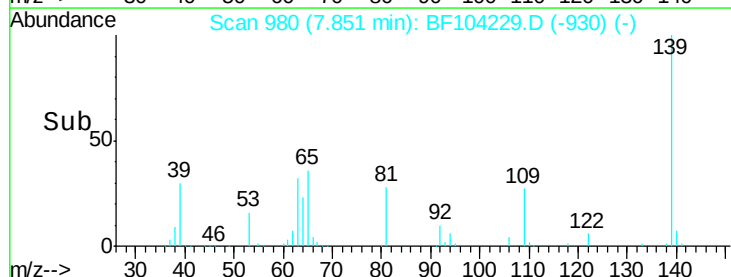
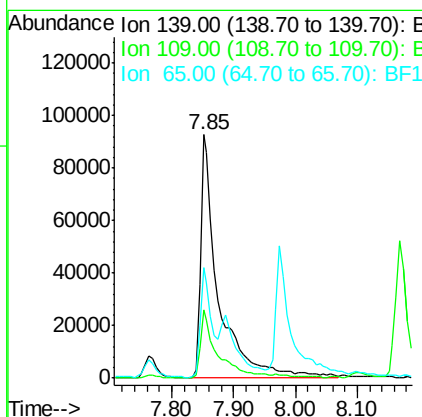
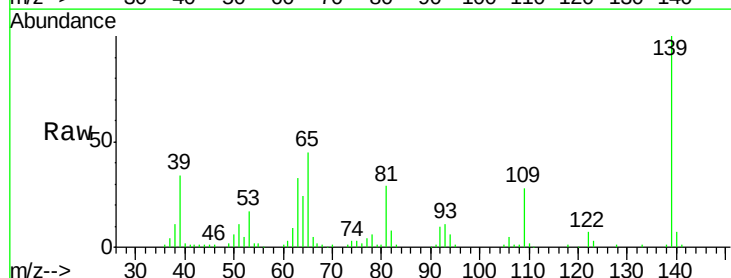
RT: 7.85 min Scan# 980

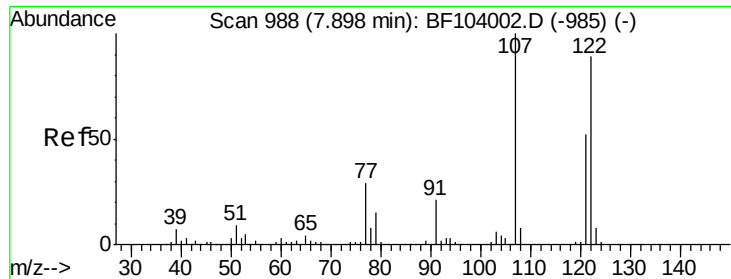
Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:	139	Resp:	189871
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	45.3	40.5	60.7





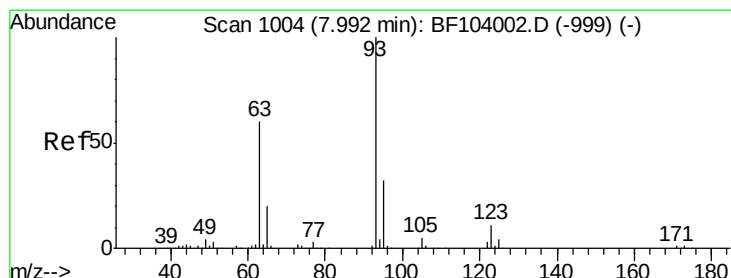
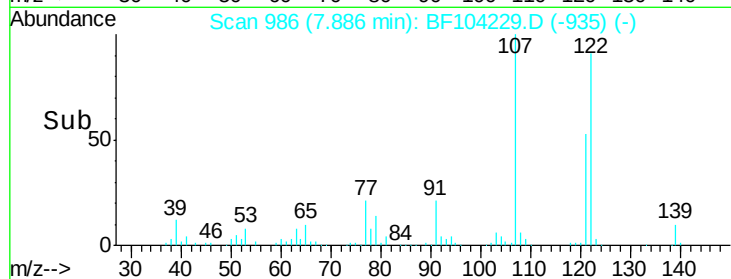
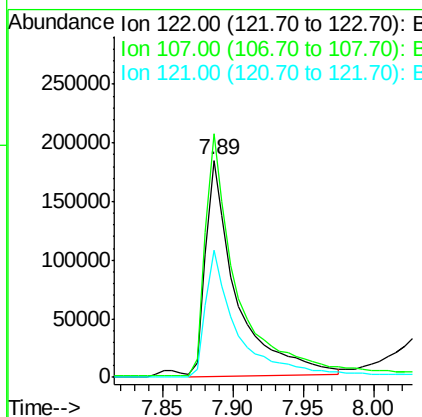
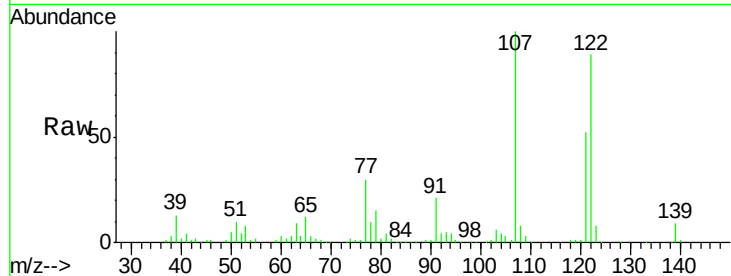
#27
 2,4-Dimethylphenol
 Concen: 44.253 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
282394	122	100			
	107	112.2		91.2	136.8
	121	58.8		47.2	70.8

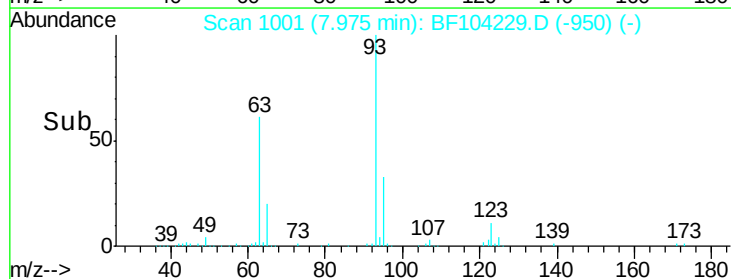
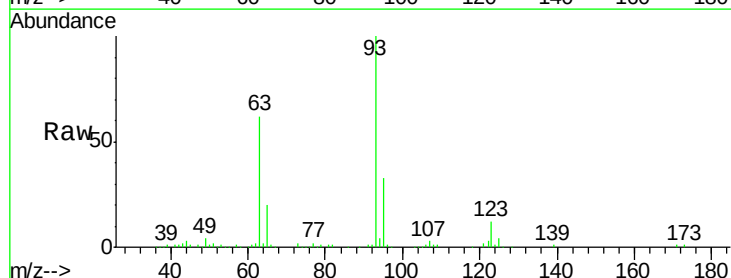
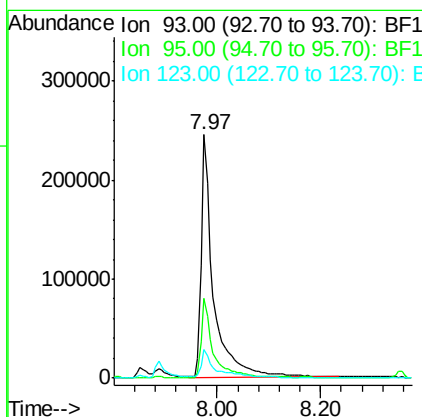
Manual Integrations
 APPROVED

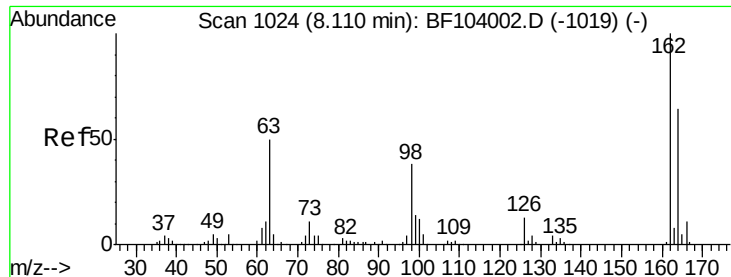
Sohil
 4/5/2018 4:38:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.109 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
401141	93	100			
	95	32.6		26.3	39.5
	123	11.6		9.8	14.6





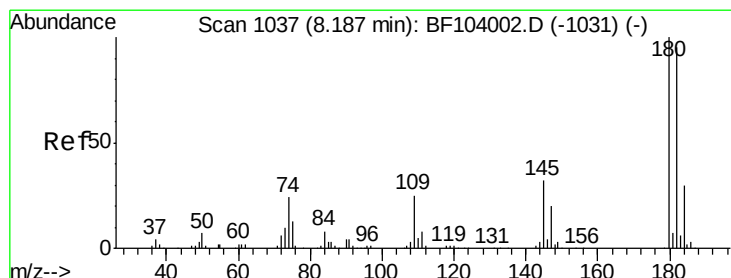
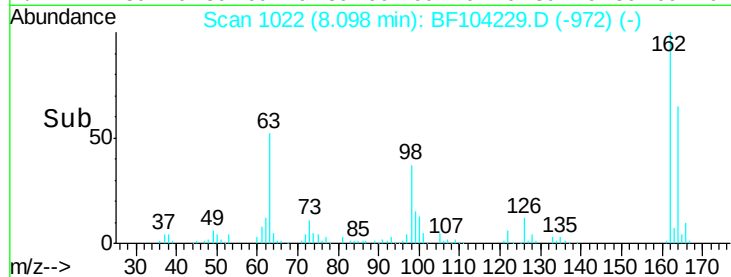
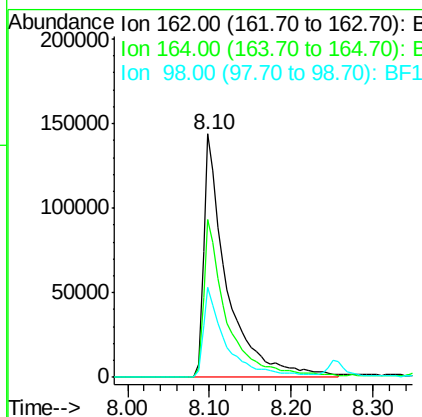
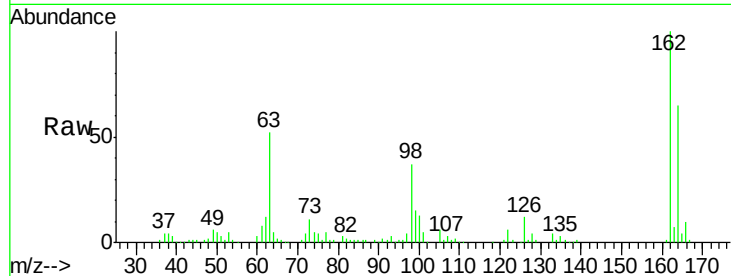
#29
 2,4-Dichlorophenol
 Concen: 42.490 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion:	162	Resp:	283207
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	36.8	18.1	58.1

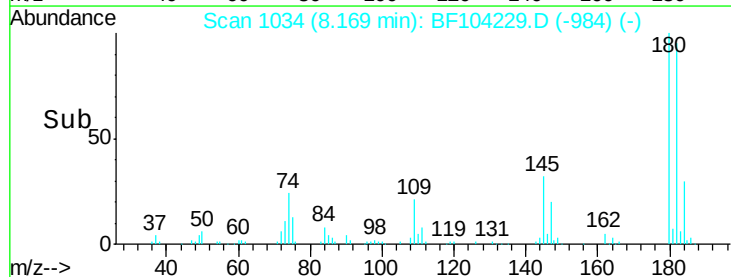
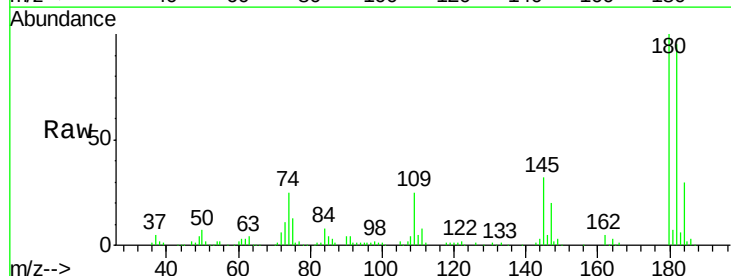
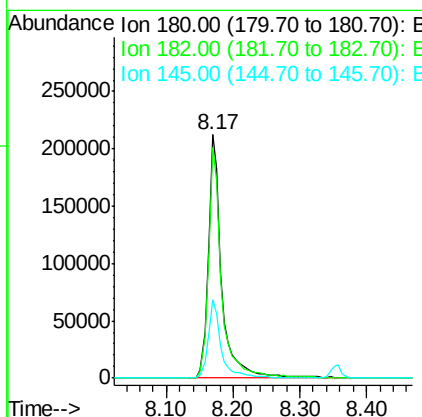
Manual Integrations
 APPROVED

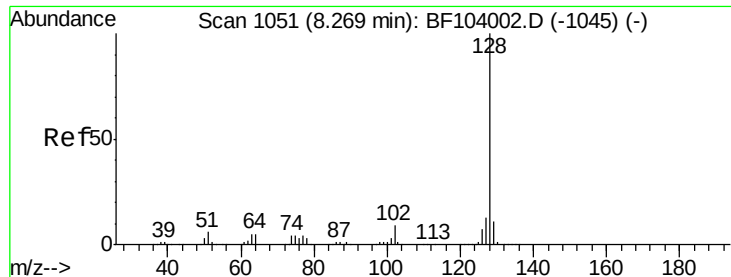
Sohil
 4/5/2018 4:38:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.434 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:	180	Resp:	298220
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.8	115.2
145	32.4	26.5	39.7





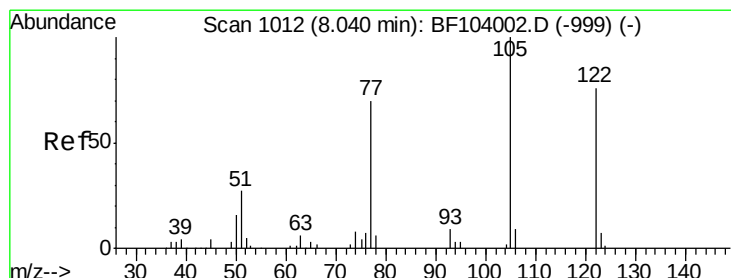
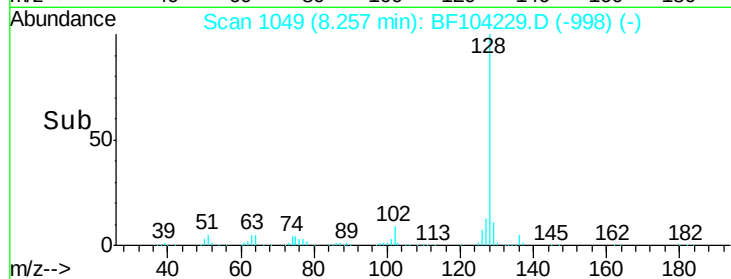
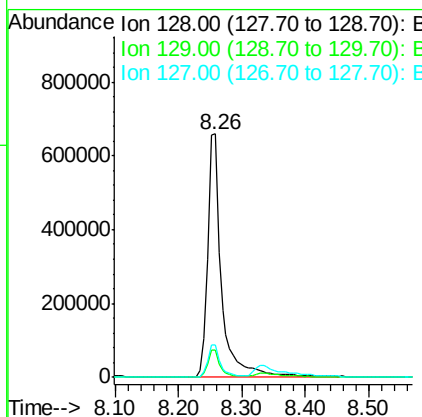
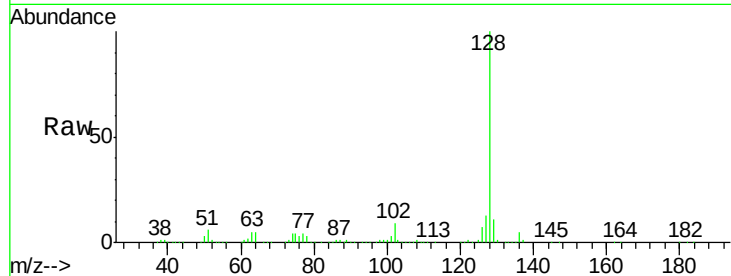
#31
Naphthalene
Concen: 41.952 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.9	16.3

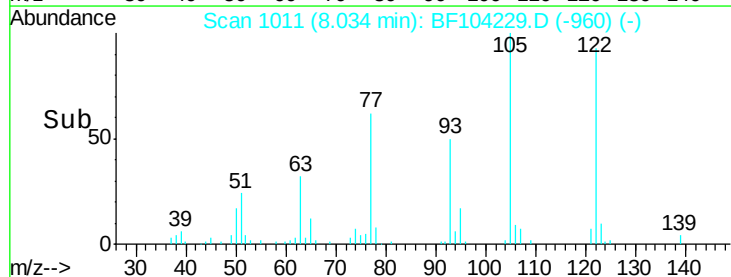
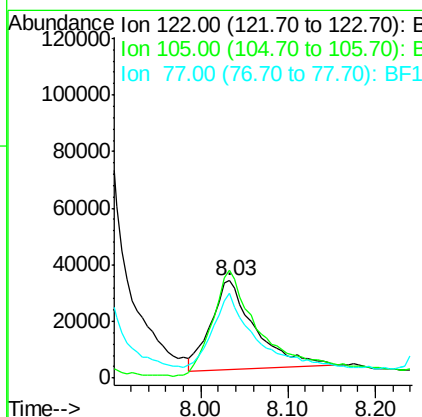
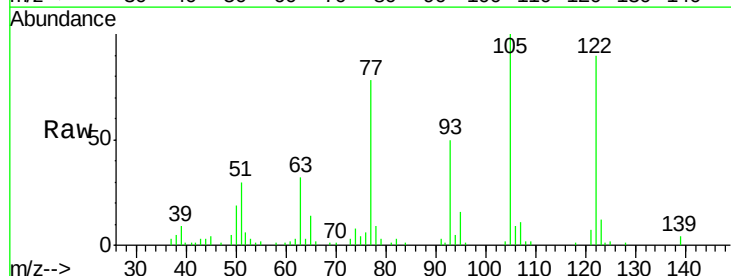
Manual Integrations
APPROVED

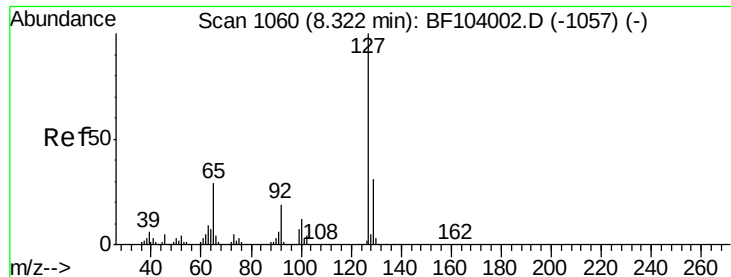
Sohil
4/5/2018 4:38:49 PM



#32
Benzoic acid
Concen: 23.641 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.8	101.1	141.1
77	86.7	70.7	110.7





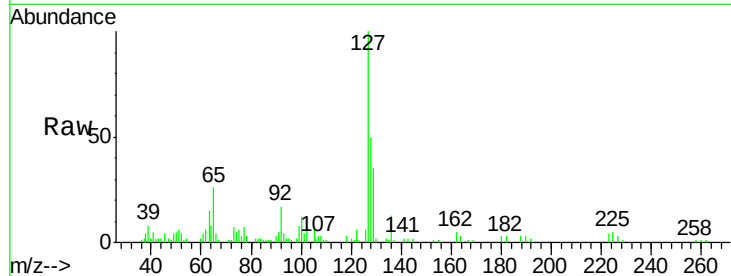
#33
 4-Chloroaniline
 Concen: 10.035 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. 0.02 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

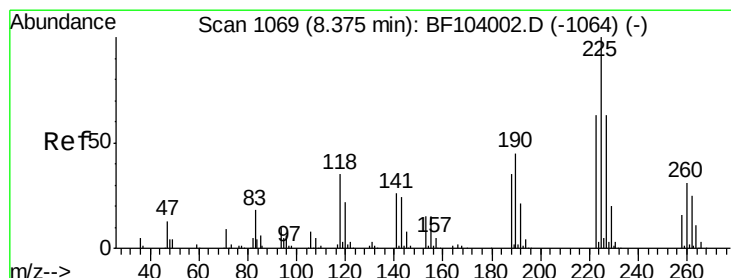
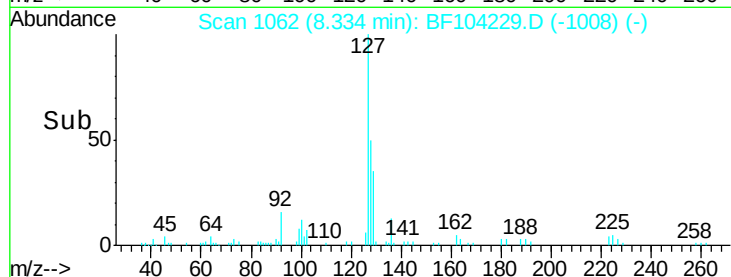
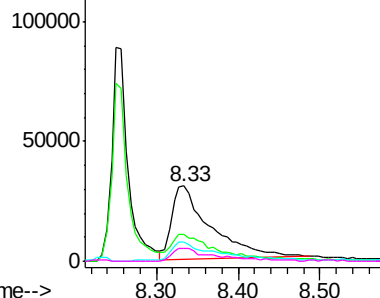
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.1	25.9	38.9		
65	25.9	25.0	37.4		
92	17.4	15.2	22.8		

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:49 PM



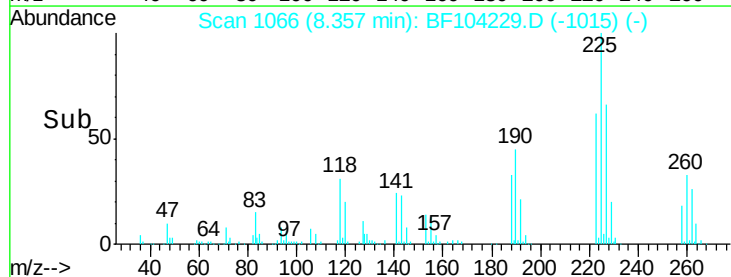
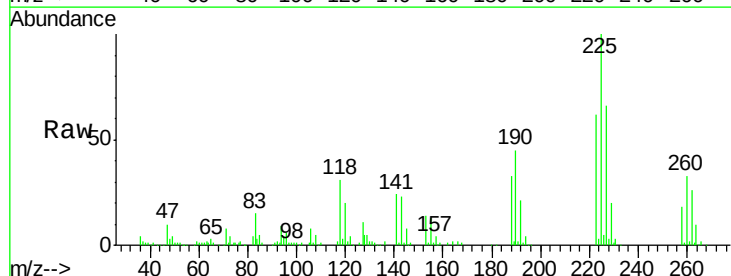
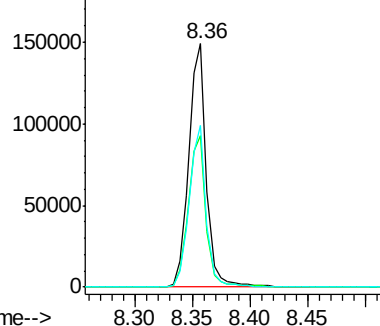
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

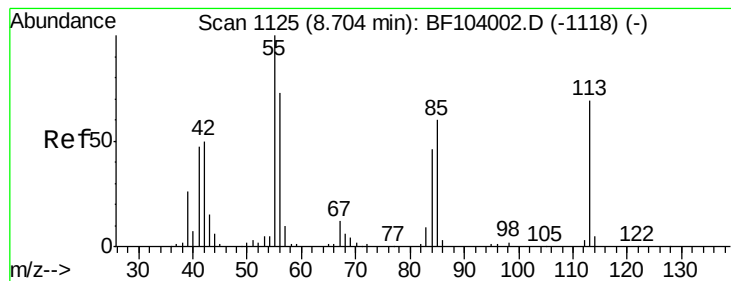


#34
 Hexachlorobutadiene
 Concen: 38.176 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.6	76.0		
227	66.2	51.9	77.9		

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





#35

Caprolactam

Concen: 45.583 ng/ml

RT: 8.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

PB107923BS

Tot Ion:113 Resp: 96337

Ion Ratio Lower Upper

113 100

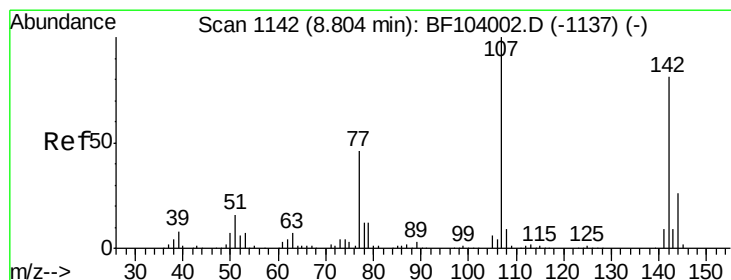
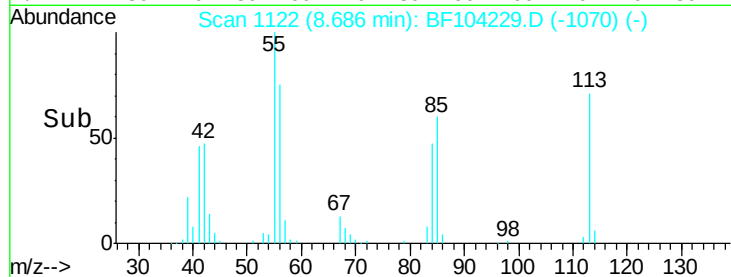
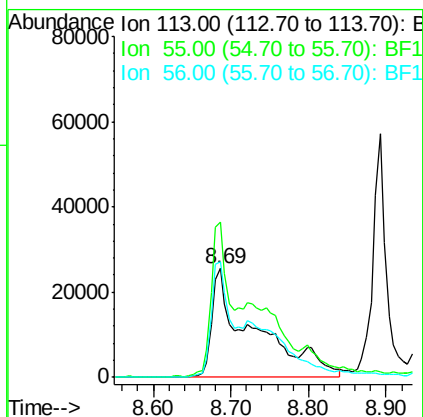
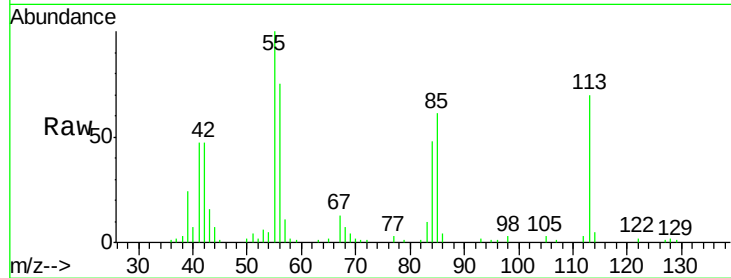
55 142.2 163.3 203.3#

56 106.2 115.7 155.7#

Manual Integrations
APPROVED

Sohil

4/5/2018 4:38:49 PM



#36

4-Chloro-3-methylphenol

Concen: 43.918 ng/ml

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

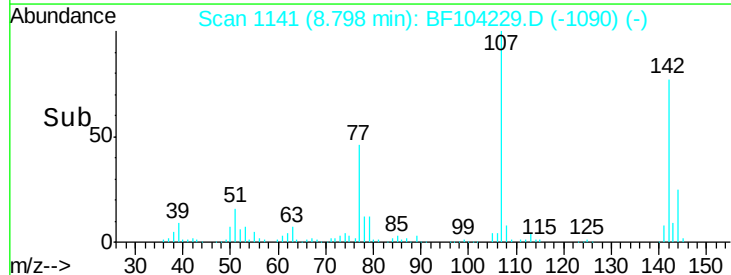
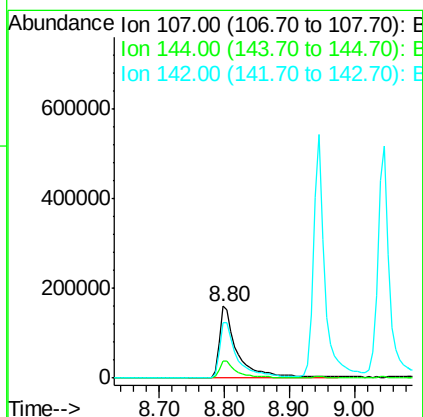
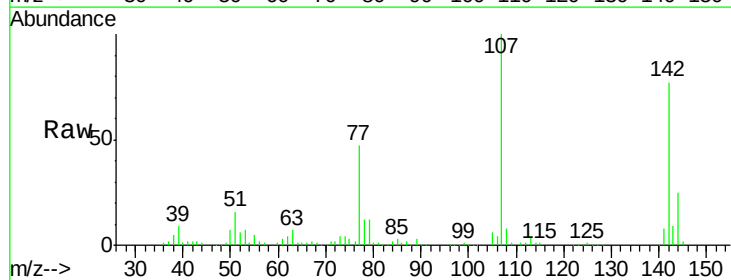
Tgt Ion:107 Resp: 309619

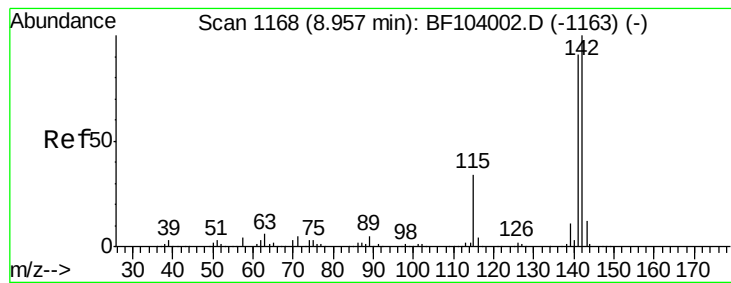
Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

142 76.9 62.0 93.0





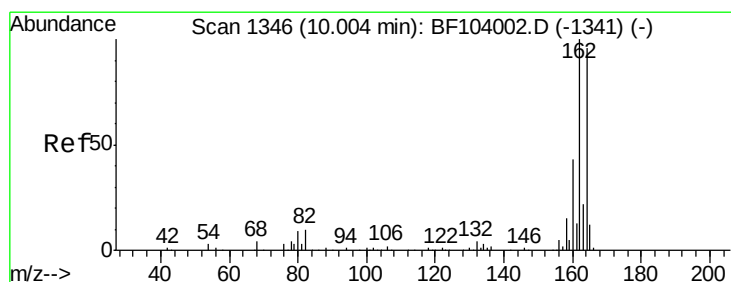
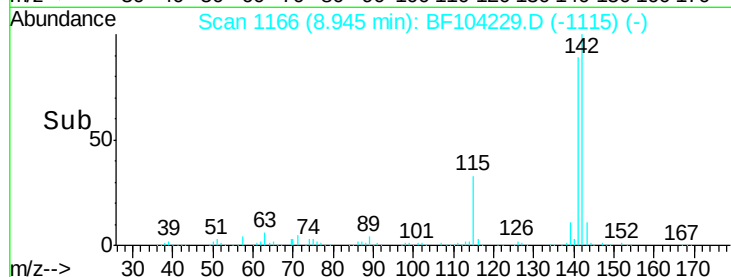
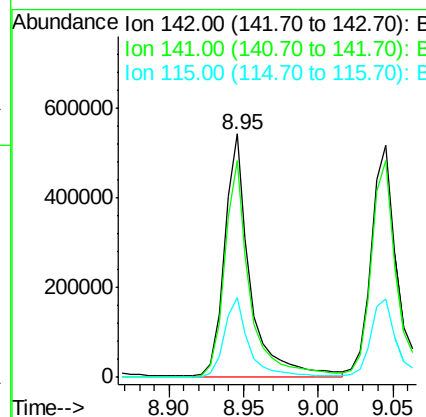
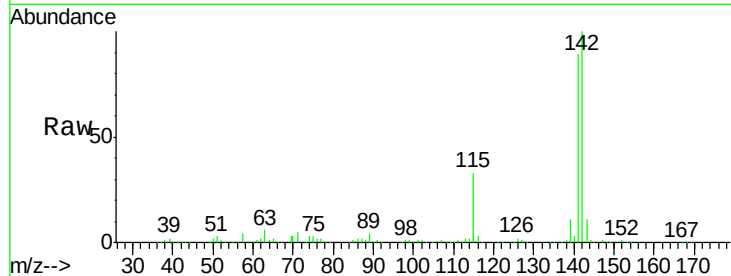
#37
2-Methylnaphthalene
Concen: 40.675 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.9	26.1	39.1

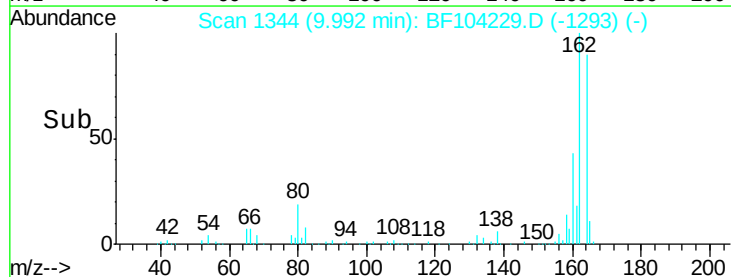
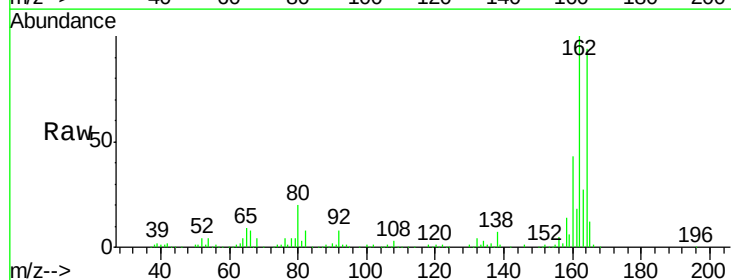
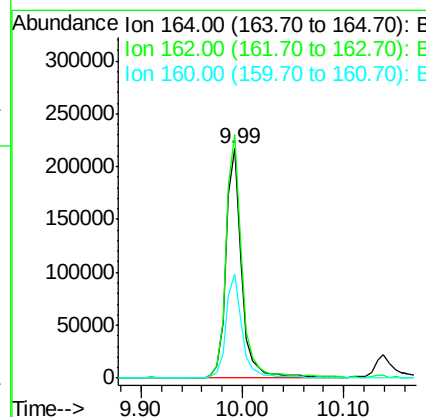
Manual Integrations
APPROVED

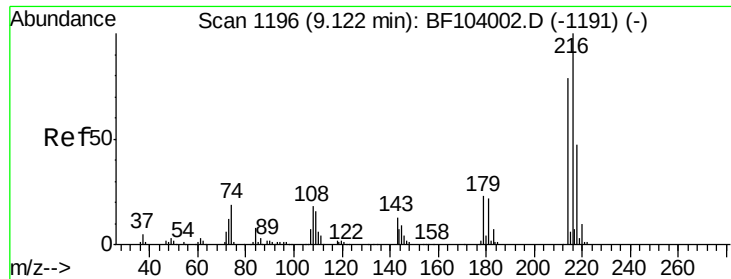
Sohil
4/5/2018 4:38:49 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	45.3	38.3	57.5





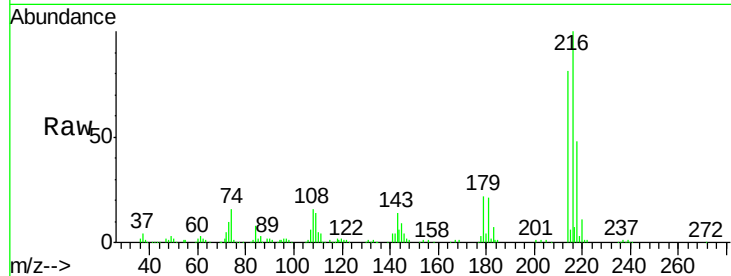
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.013 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

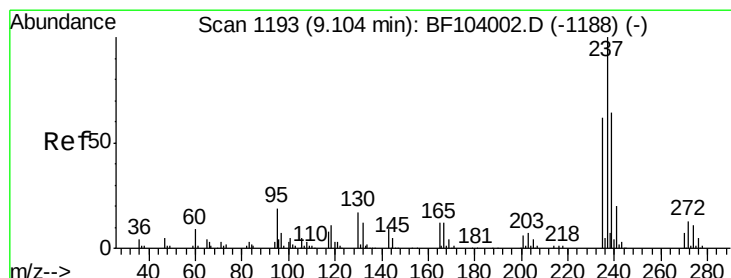
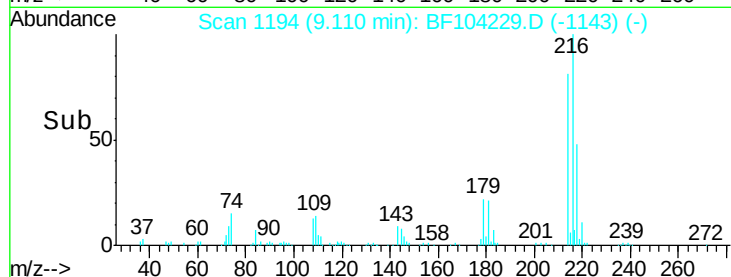
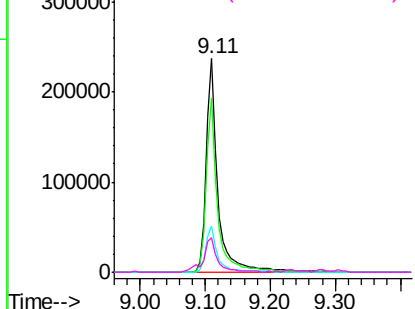
Tot Ion:	216	Resp:	294584
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.0	94.4
179	21.6	18.1	27.1
108	18.2	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:49 PM

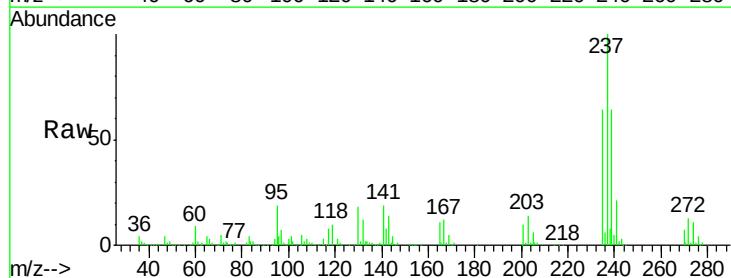


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

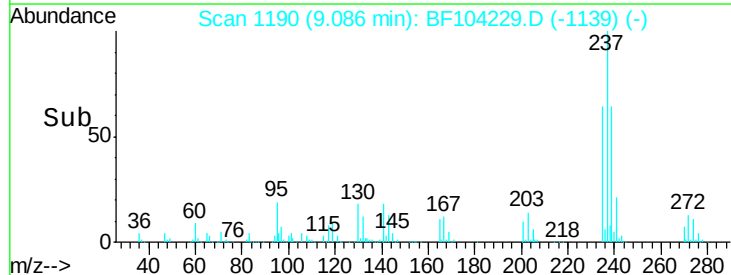
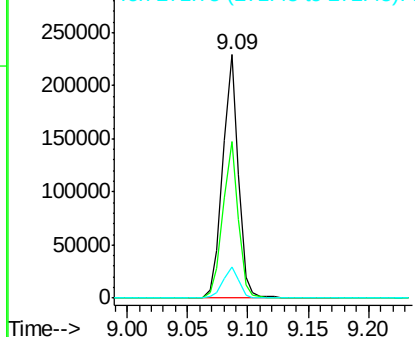


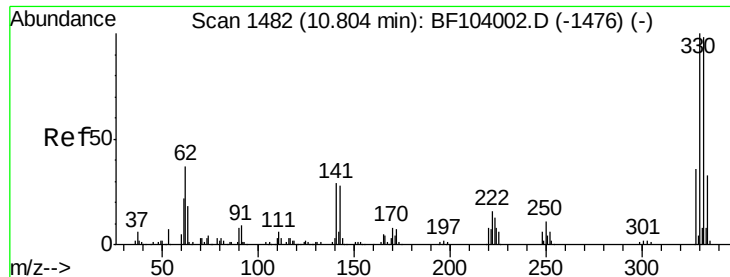
#40
 Hexachlorocyclopentadiene
 Concen: 61.825 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:	237	Resp:	204588
Ion Ratio		Lower	Upper
237	100		
235	64.3	44.8	84.8
272	12.9	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 128.114 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

PB107923BS

Tot Ion:330 Resp: 334137
Ion Ratio Lower Upper

330 100

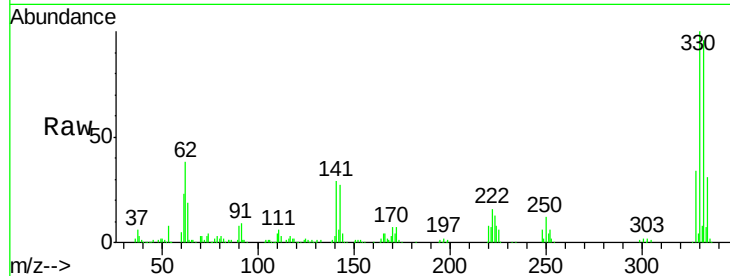
332 97.6 77.0 115.6

141 28.9 29.9 44.9#

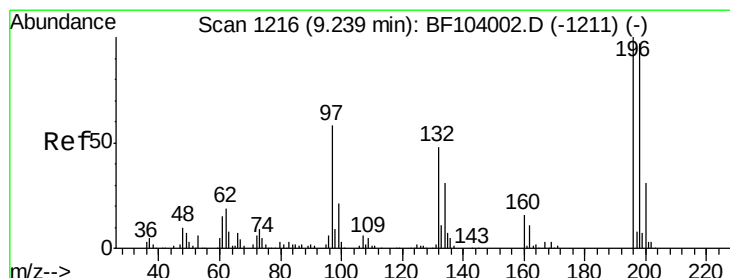
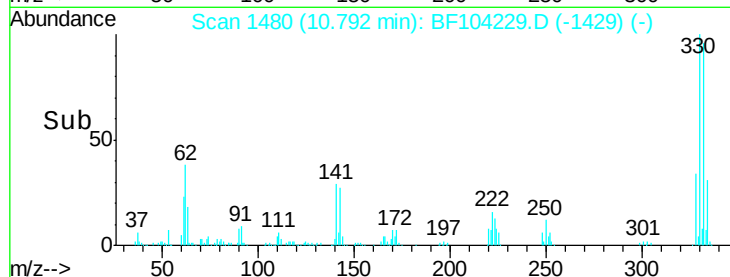
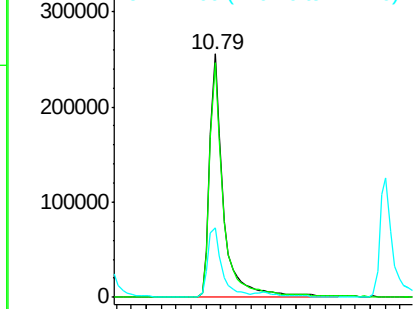
Manual Integrations
APPROVED

Sohil

4/5/2018 4:38:49 PM



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



#42

2,4,6-Trichlorophenol

Concen: 38.444 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF104229.D

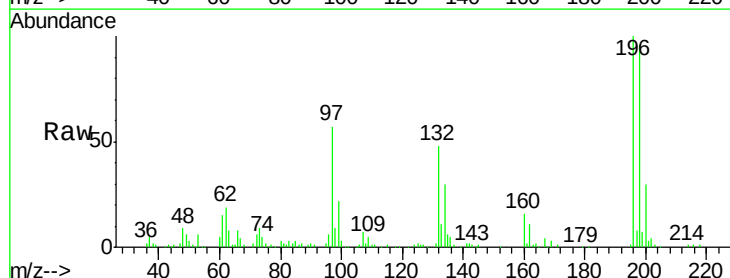
Acq: 4 Apr 2018 17:02

Tgt Ion:196 Resp: 174852
Ion Ratio Lower Upper

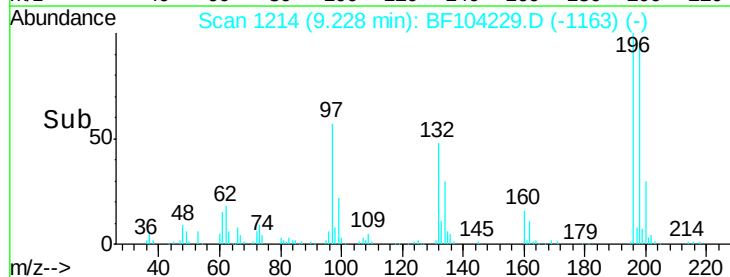
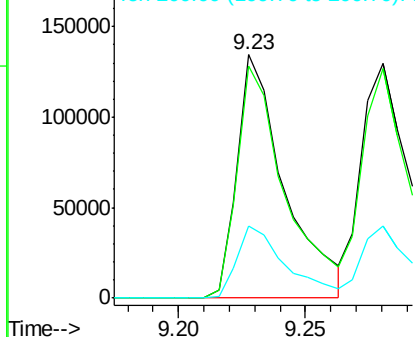
196 100

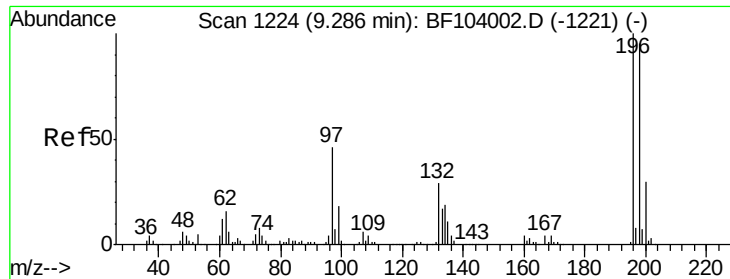
198 95.6 75.7 113.5

200 29.7 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





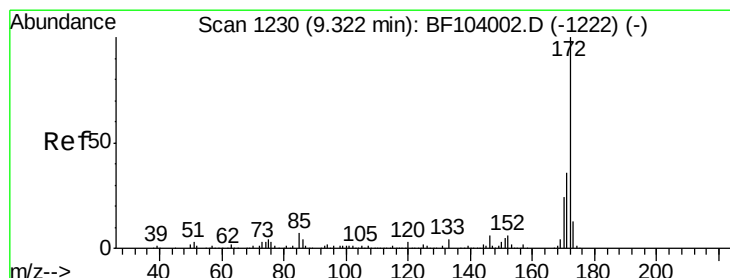
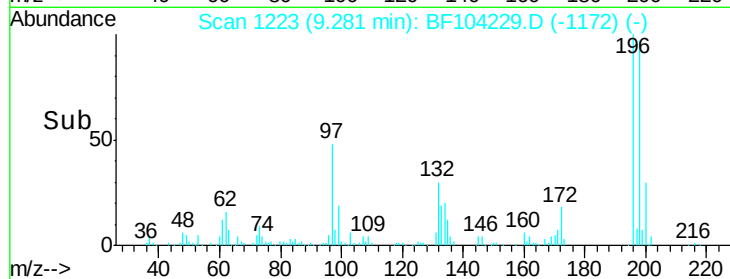
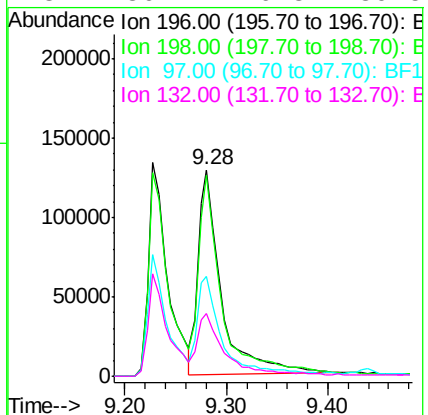
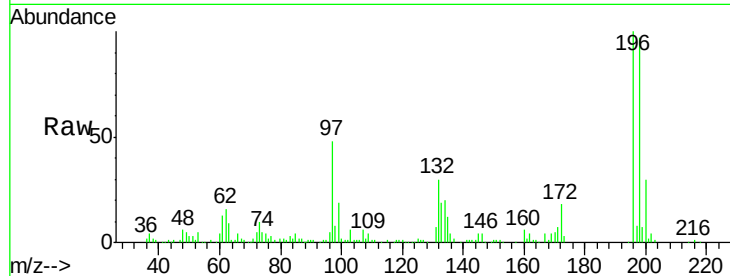
#43
2,4,5-Trichlorophenol
Concen: 37.736 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		207227		
198	97.3	74.6	112.0		
97	48.2	42.9	64.3		
132	30.2	26.3	39.5		

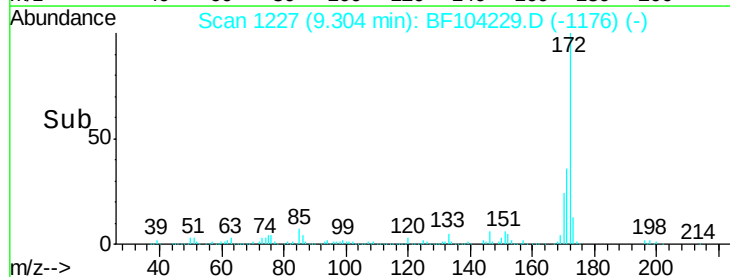
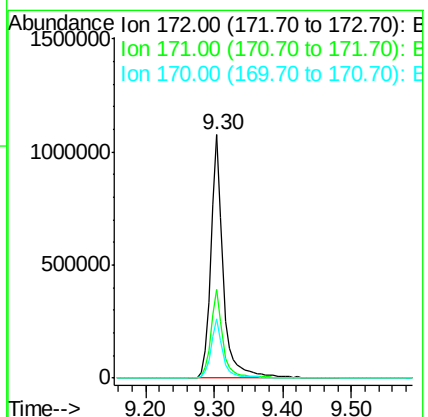
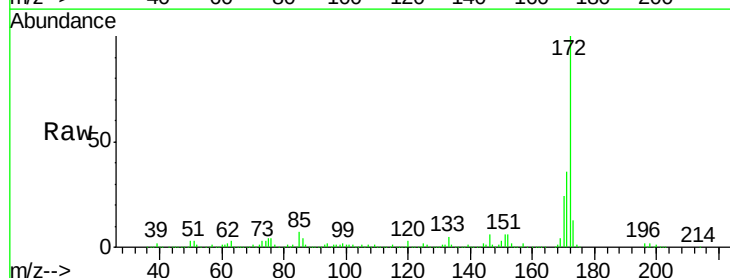
Manual Integrations
APPROVED

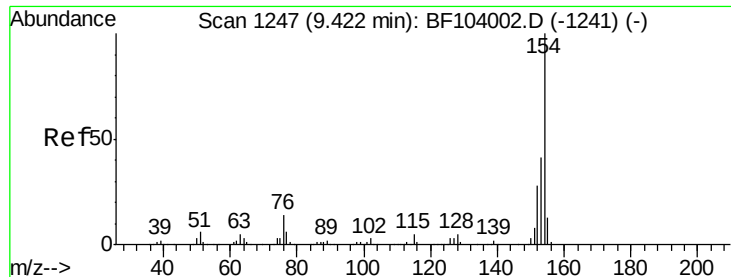
Sohil
4/5/2018 4:38:49 PM



#44
2-Fluorobiphenyl
Concen: 91.212 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1354818		
171	36.3	29.7	44.5		
170	24.2	19.6	29.4		





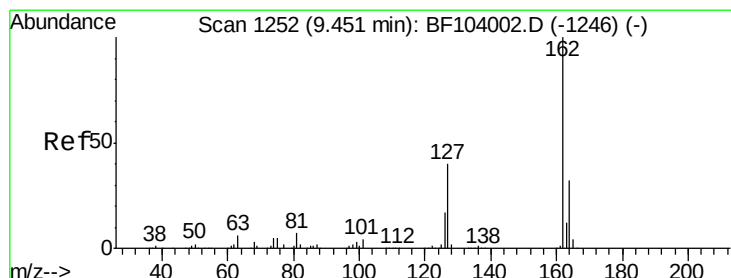
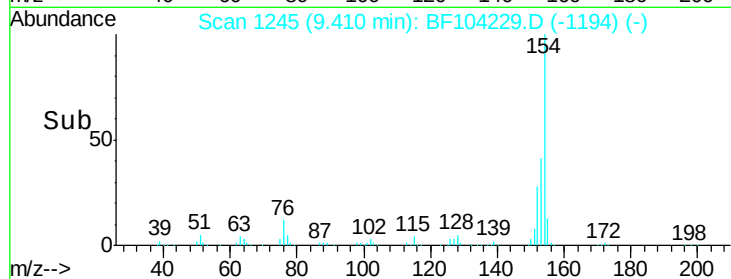
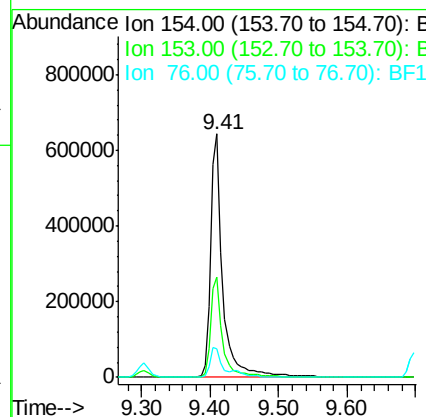
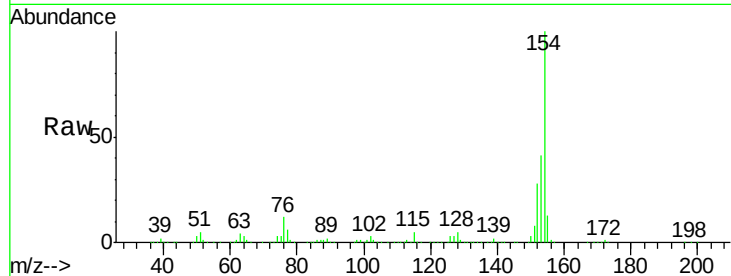
#45
 1,1'-Biphenyl
 Concen: 40.272 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	11.8	0.0	34.0

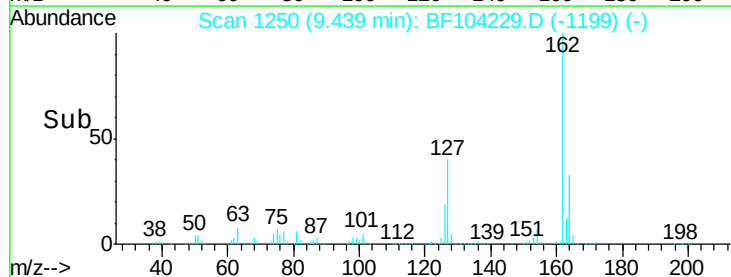
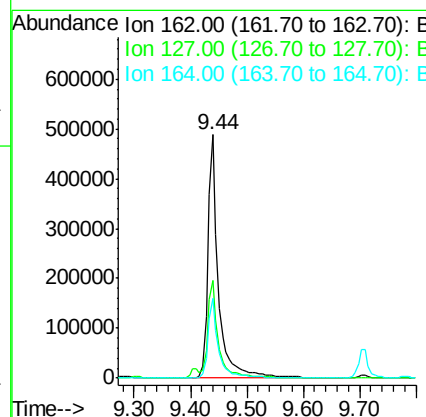
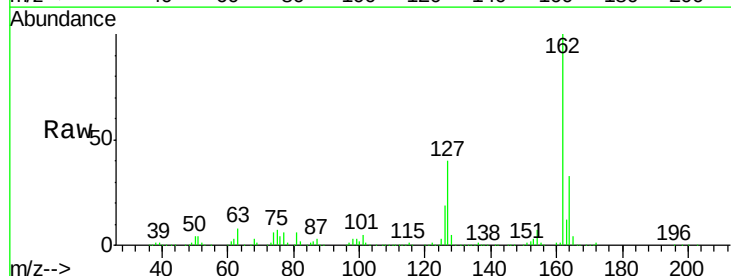
Manual Integrations
 APPROVED

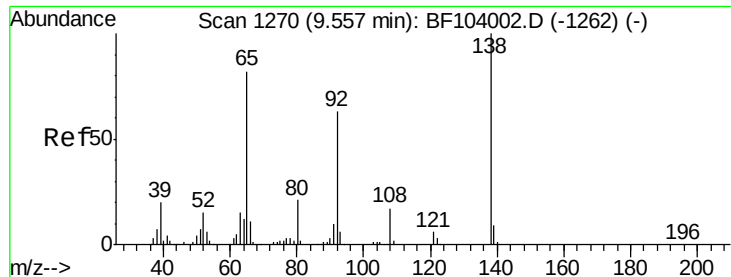
Sohil
 4/5/2018 4:38:49 PM



#46
 2-Chloronaphthalene
 Concen: 40.471 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	32.6	26.5	39.7





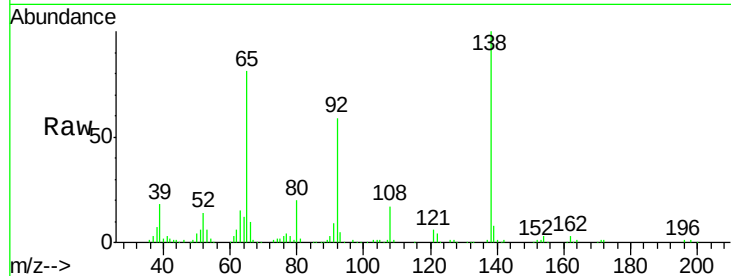
#47
2-Nitroaniline
Concen: 39.640 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	55.8	83.6
138	124.0	91.2	136.8

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM

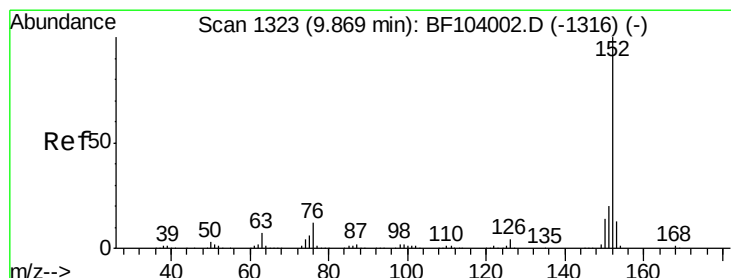
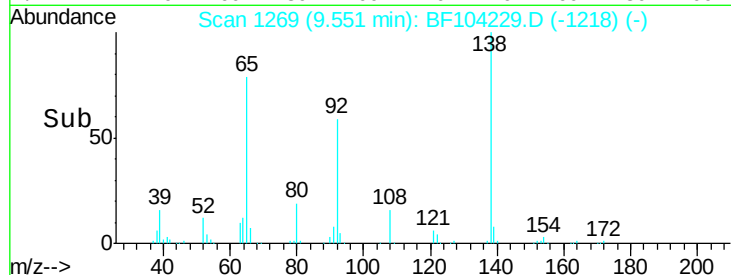
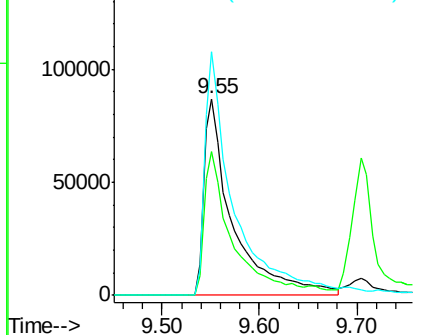


Abundance

Ion 65.00 (64.70 to 65.70): BF1

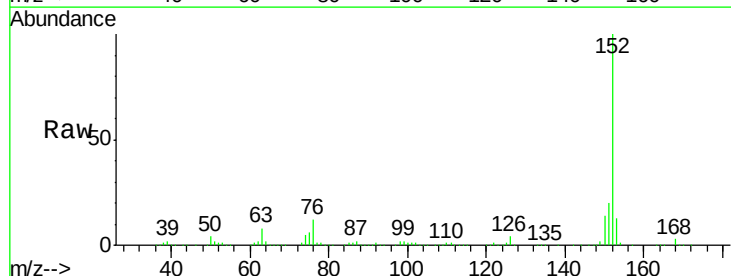
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 38.872 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.0	10.7	16.1

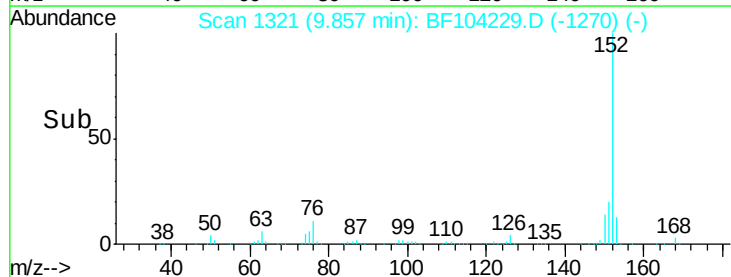
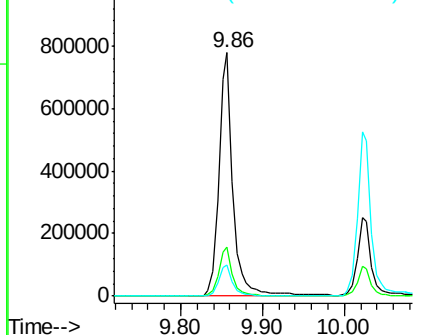


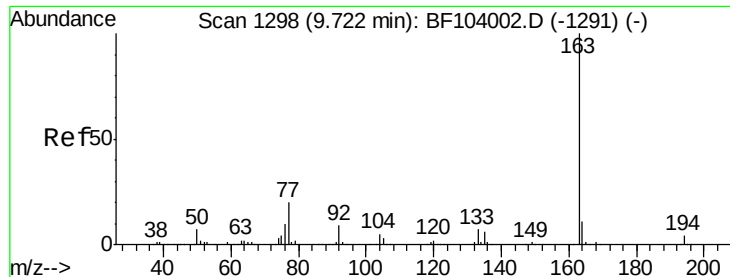
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





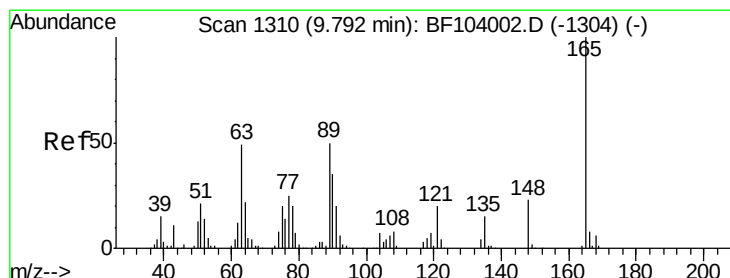
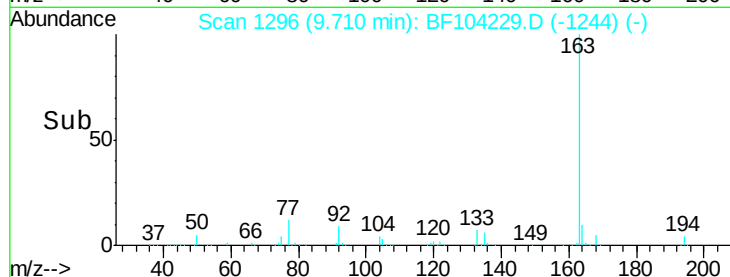
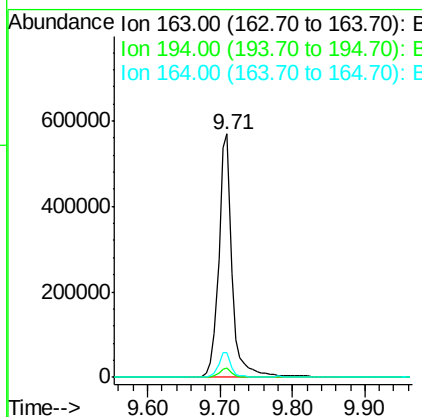
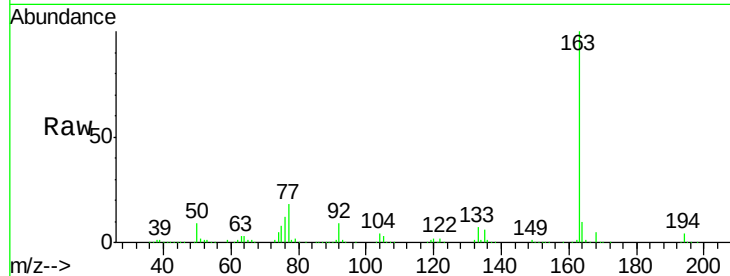
#49
Dimethylphthalate
Concen: 39.535 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	731125		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

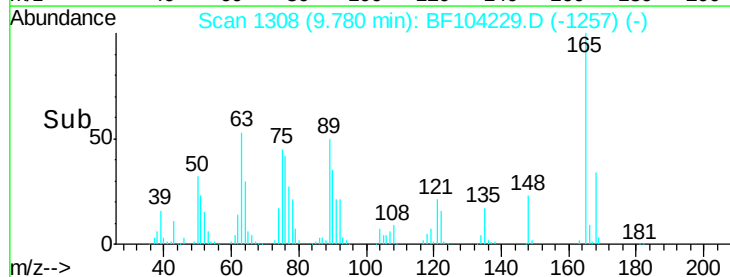
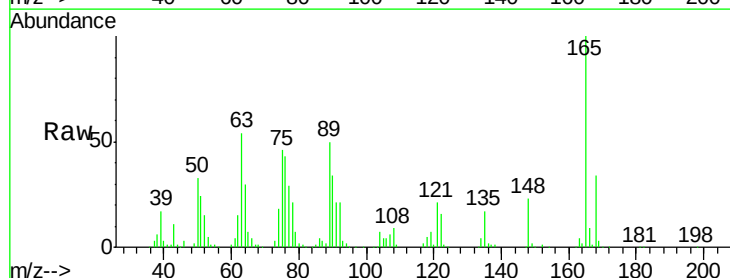
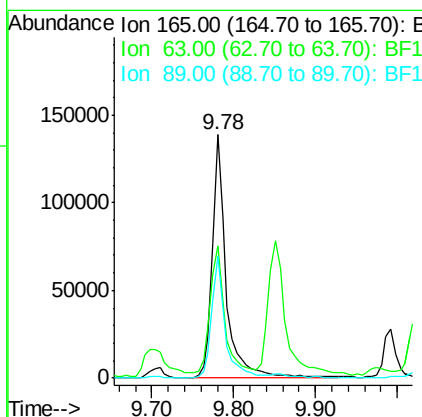
Manual Integrations
APPROVED

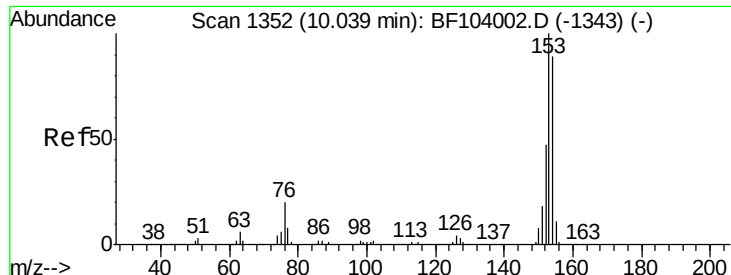
Sohil
4/5/2018 4:38:49 PM



#50
2,6-Dinitrotoluene
Concen: 41.573 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165402		
63	54.2		44.7	67.1
89	50.3		44.0	66.0





#51

Acenaphthene

Concen: 38.553 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

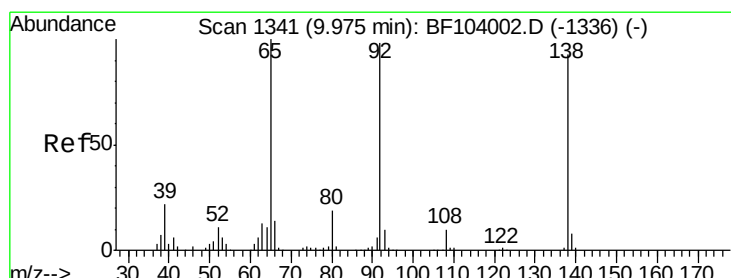
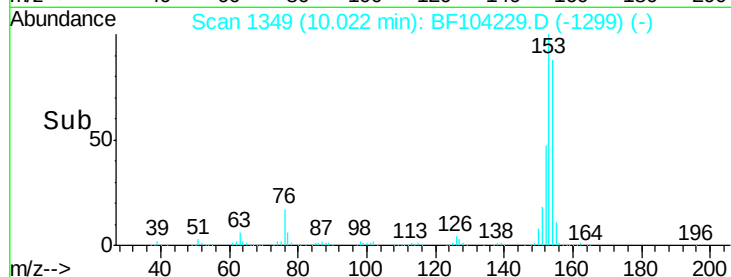
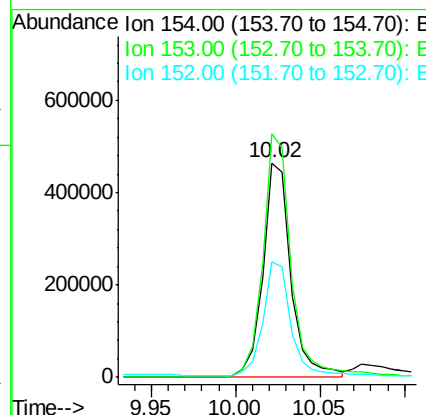
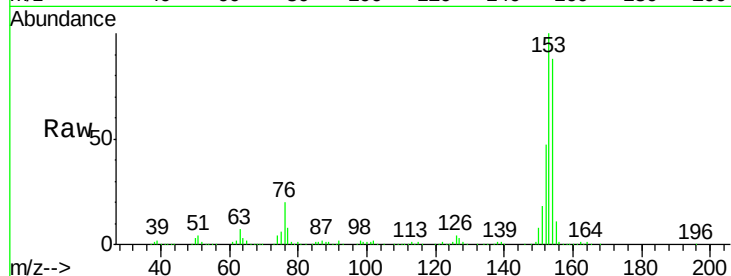
ClientSampleId :

PB107923BS

Tot Ion:	154	Resp:	535787
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	53.7	43.8	65.8

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM



#52

3-Nitroaniline

Concen: 19.079 ng

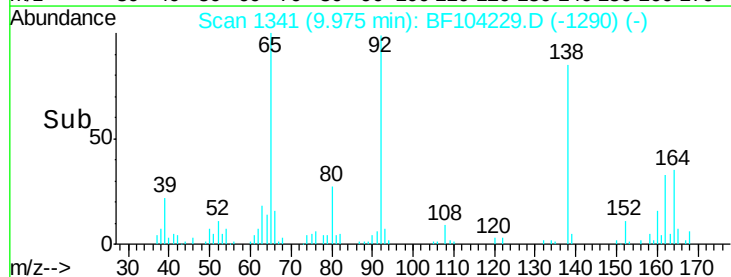
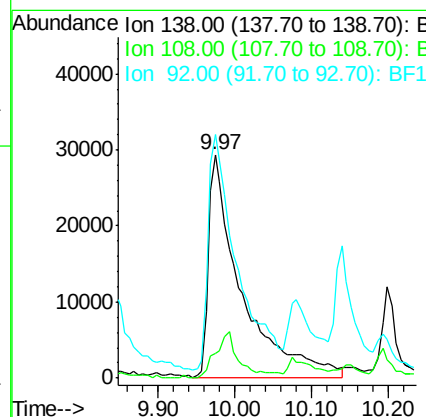
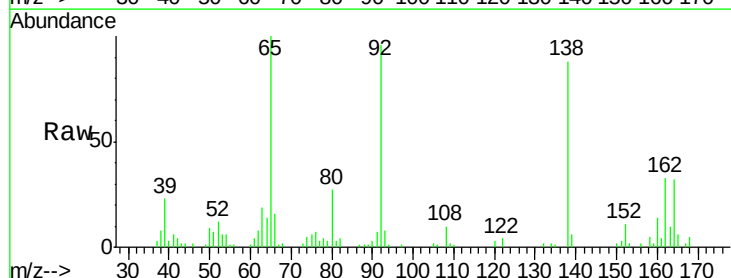
RT: 9.97 min Scan# 1341

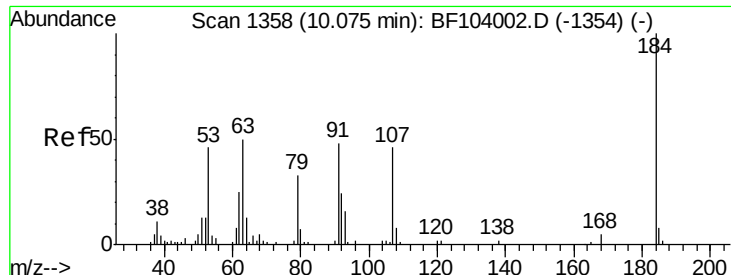
Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:	138	Resp:	87260
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	108.8	89.4	134.2





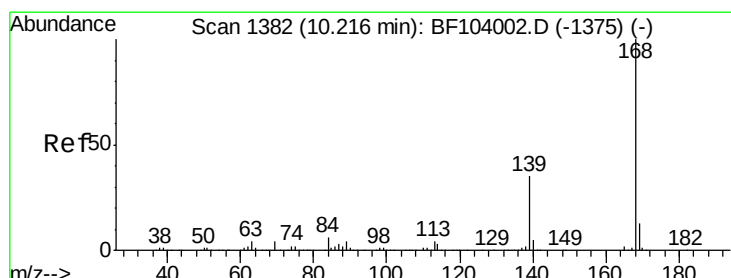
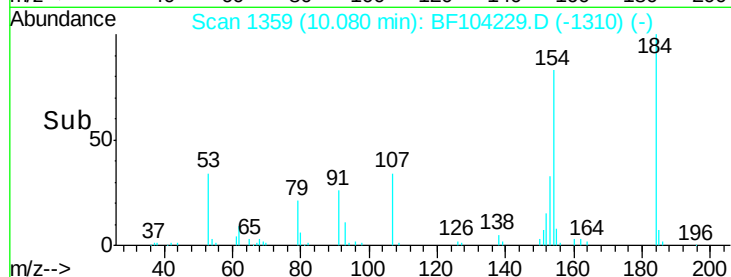
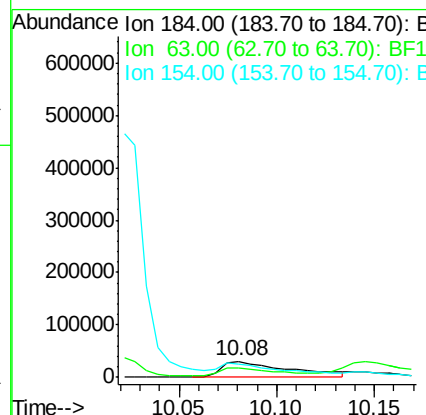
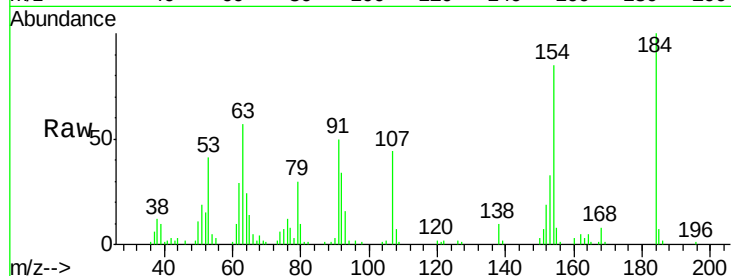
#53
2,4-Dinitrophenol
Concen: 44.484 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.3	54.2	81.2
154	84.8	184.0	276.0#

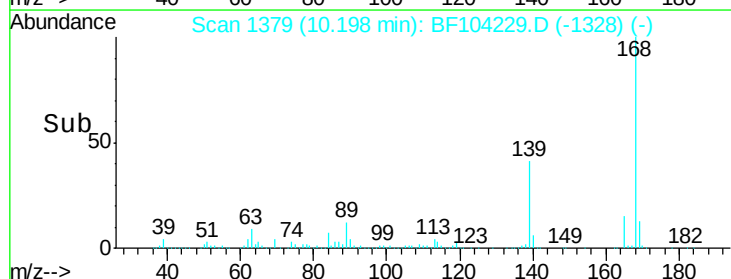
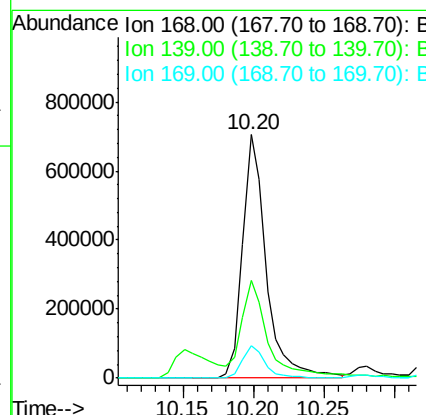
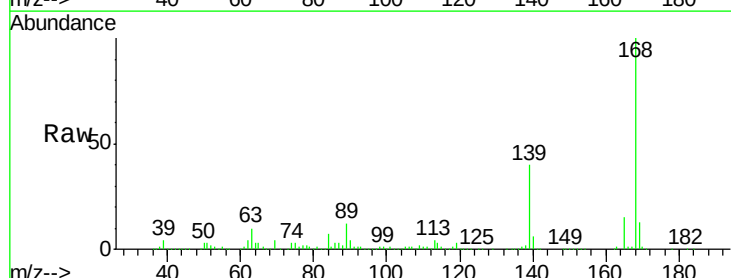
Manual Integrations
APPROVED

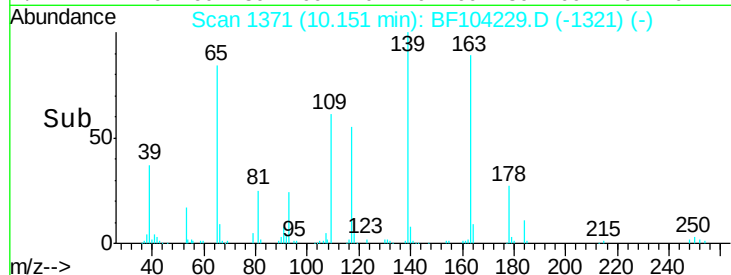
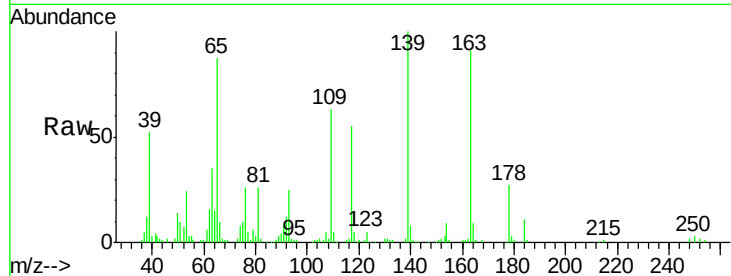
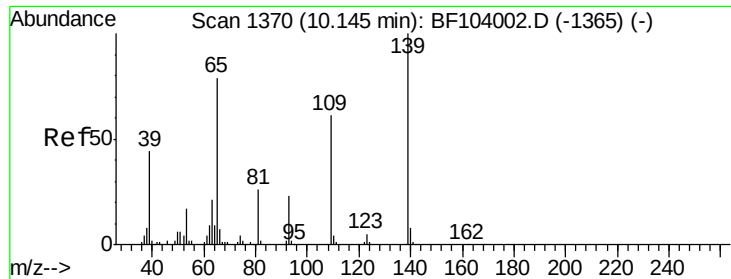
Sohil
4/5/2018 4:38:49 PM



#54
Dibenzofuran
Concen: 40.626 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	13.3	10.9	16.3





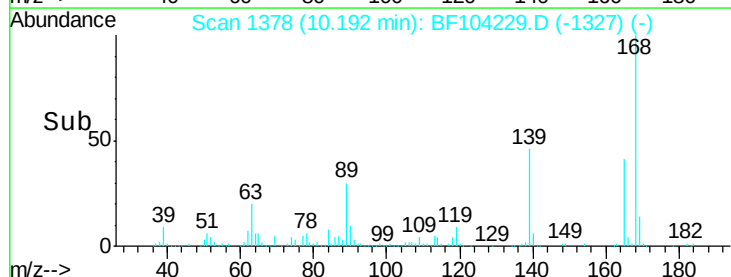
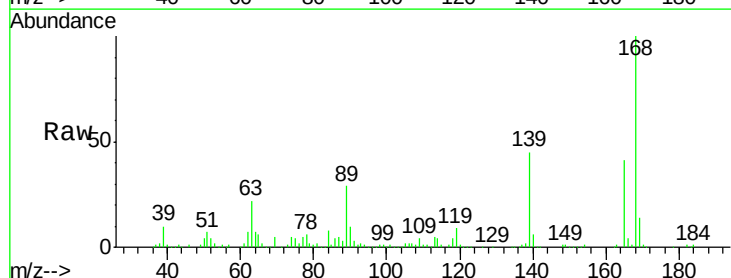
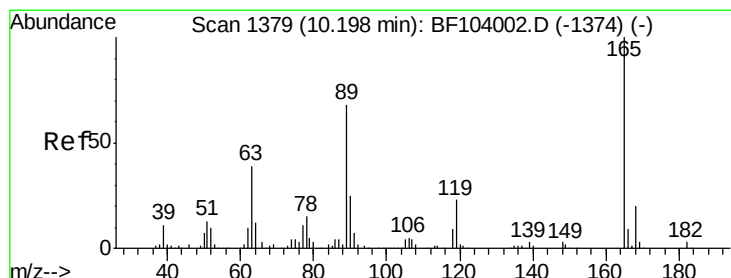
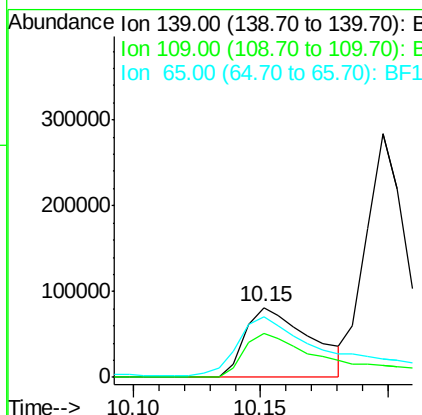
#55
4-Nitrophenol
Concen: 53.359 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.6	48.4	88.4	
65	86.7	72.6	112.6	

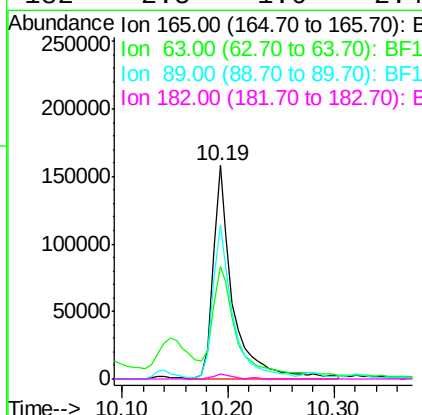
Manual Integrations
APPROVED

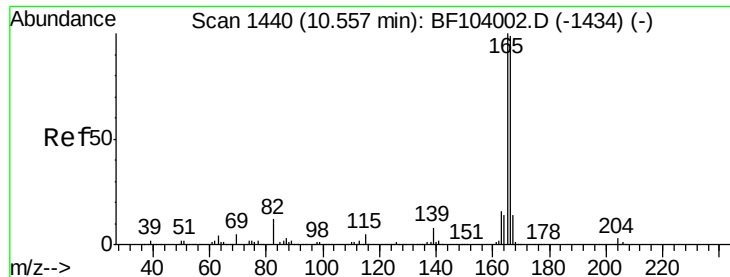
Sohil
4/5/2018 4:38:49 PM



#56
2,4-Dinitrotoluene
Concen: 40.424 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.7	36.4	54.6	
89	71.8	57.8	86.6	
182	2.5	1.6	2.4	#





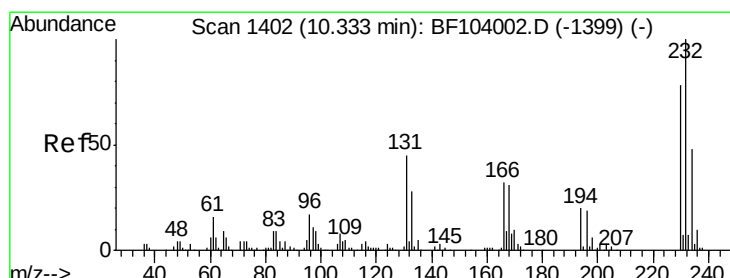
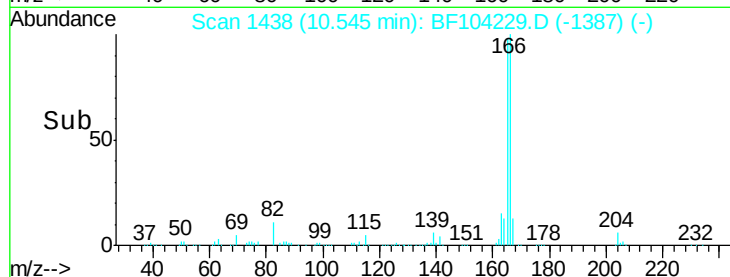
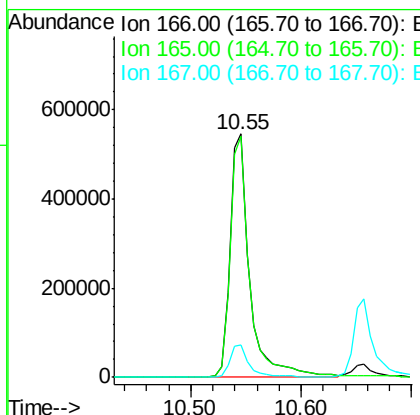
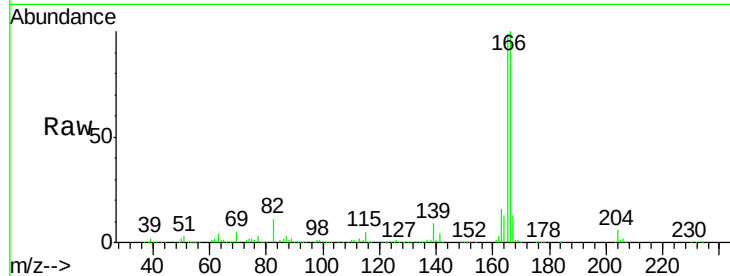
#57
 Fluorene
 Concen: 40.508 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	678132		
165	99.2	79.8	119.8	
167	13.4	10.6	16.0	

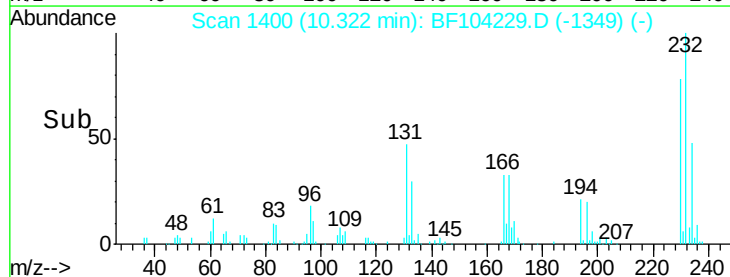
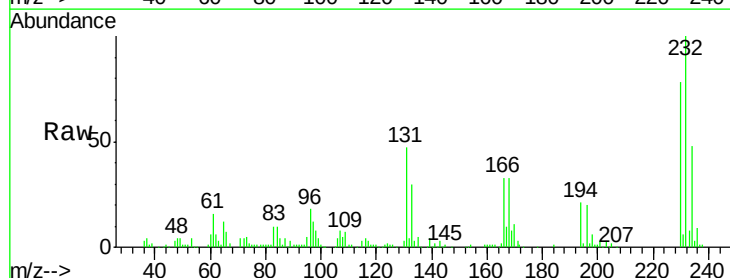
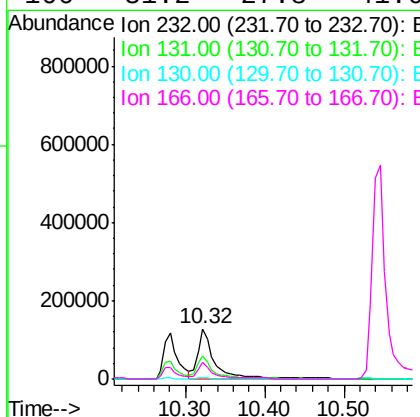
Manual Integrations
 APPROVED

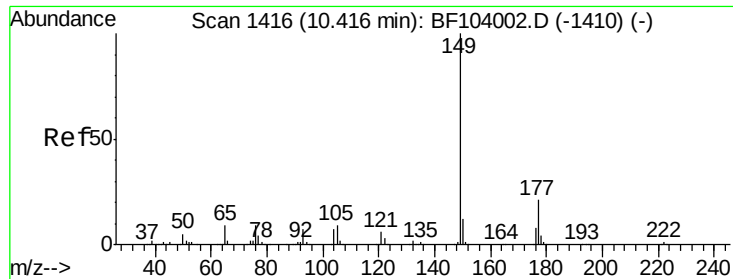
Sohil
 4/5/2018 4:38:49 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.703 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	188037		
131	39.8	43.8	65.8#	
130	2.0	2.1	3.1#	
166	31.2	27.8	41.6	





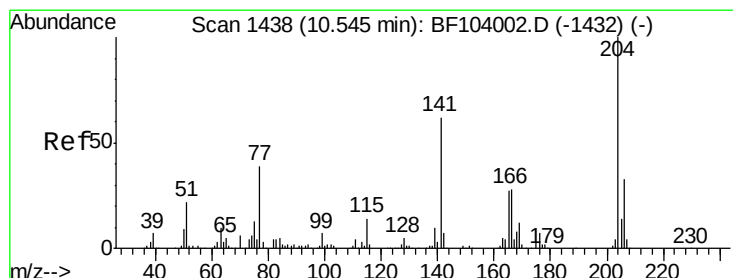
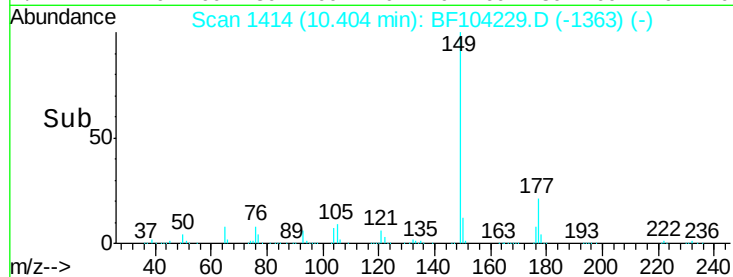
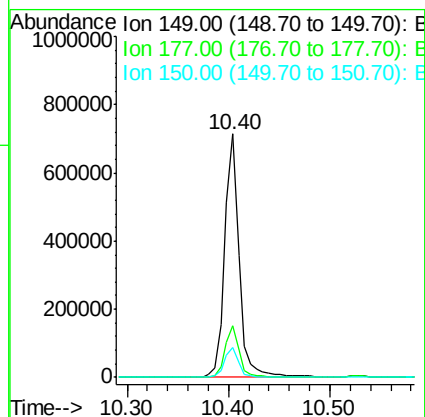
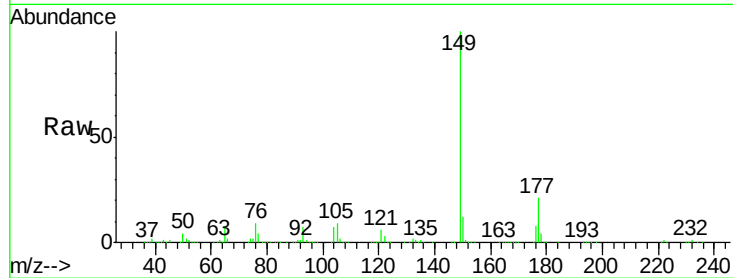
#59
Diethylphthalate
Concen: 40.152 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion:	149	Resp:	711335
Ion Ratio	Lower	Upper	
149	100		
177	21.1	16.1	24.1
150	12.2	10.1	15.1

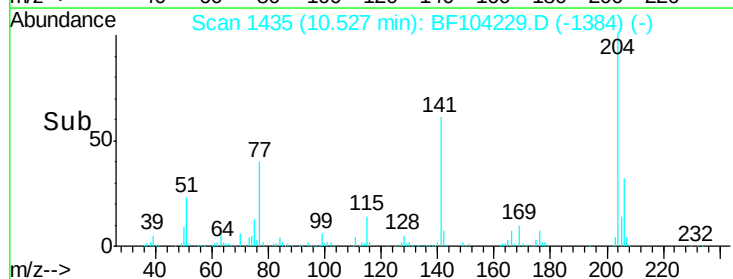
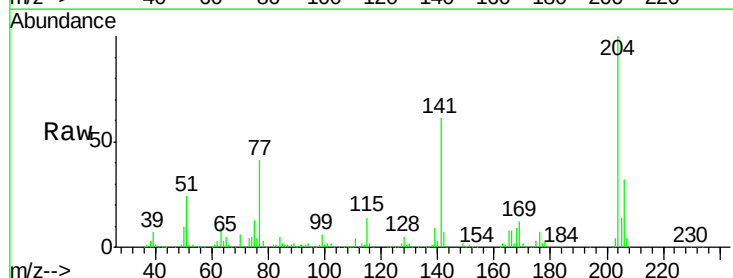
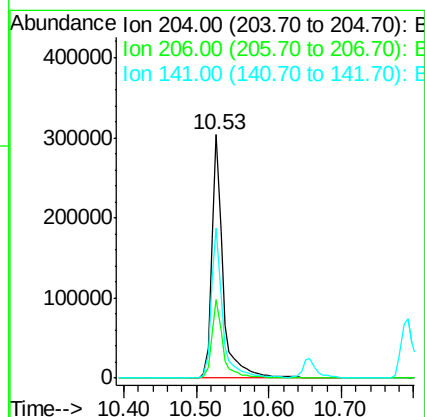
Manual Integrations
APPROVED

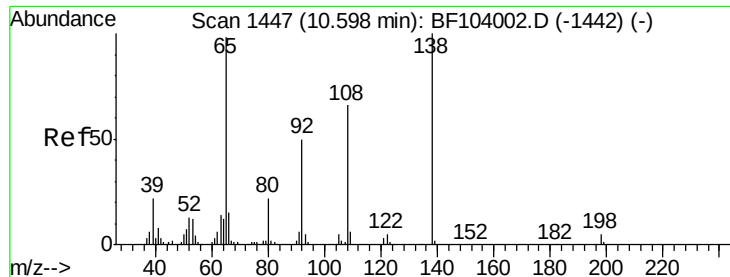
Sohil
4/5/2018 4:38:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.244 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:	204	Resp:	324810
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	61.5	54.6	81.8





#61

4-Nitroaniline

Concen: 37.466 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

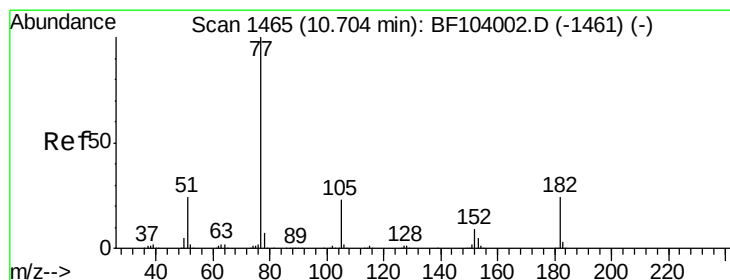
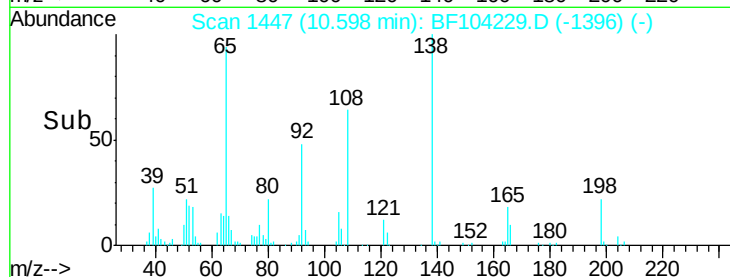
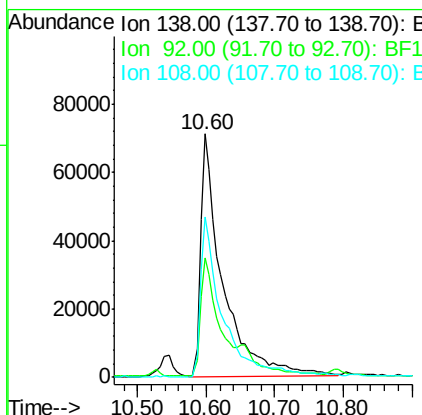
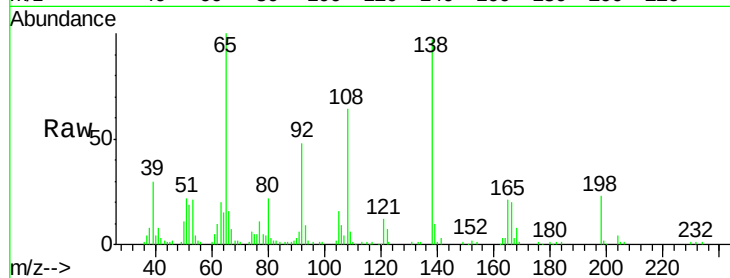
ClientSampleId :

PB107923BS

Tot Ion:	138	Resp:	160335
Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.2	70.2
108	65.9	52.5	92.5

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM



#62

Azobenzene

Concen: 40.919 ng

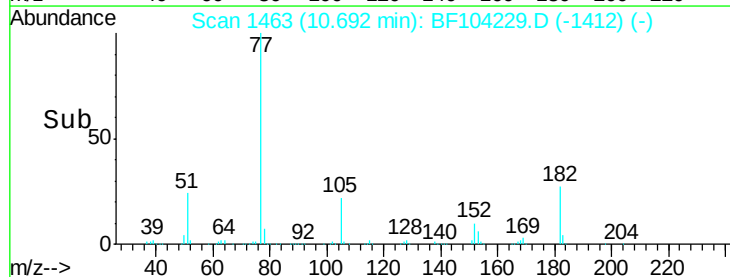
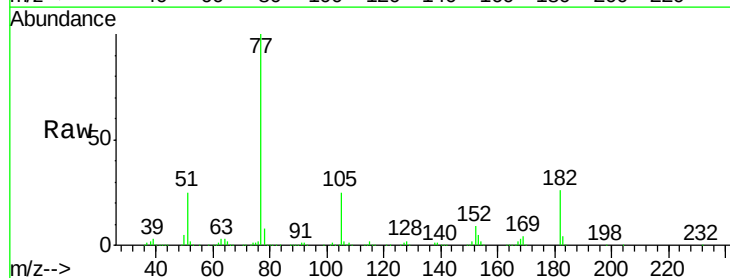
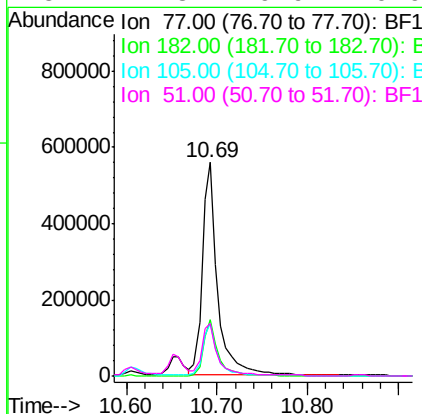
RT: 10.69 min Scan# 1463

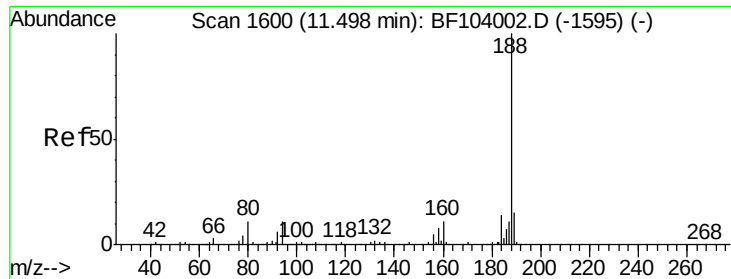
Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:	77	Resp:	655497
Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	24.7	3.0	43.0
51	24.8	9.9	49.9





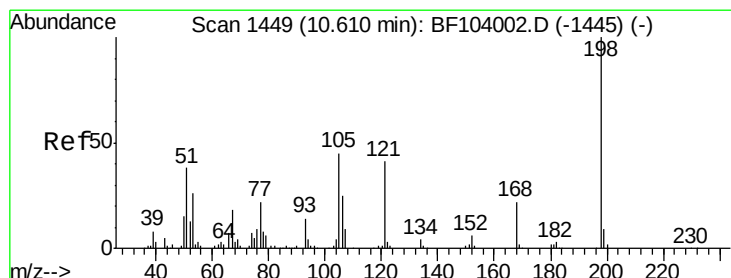
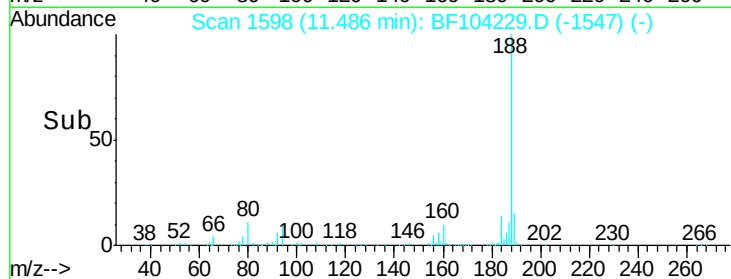
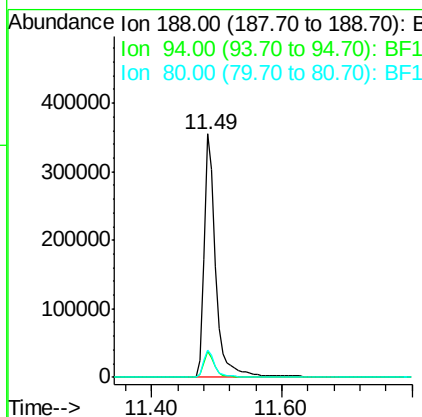
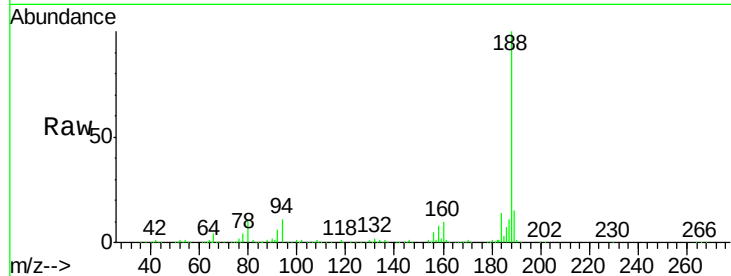
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442815		
94	10.7		8.5	12.7
80	11.4		9.2	13.8

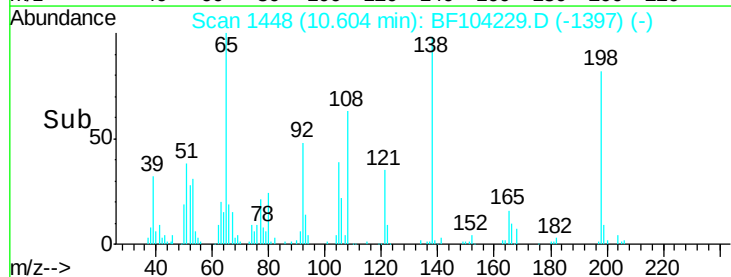
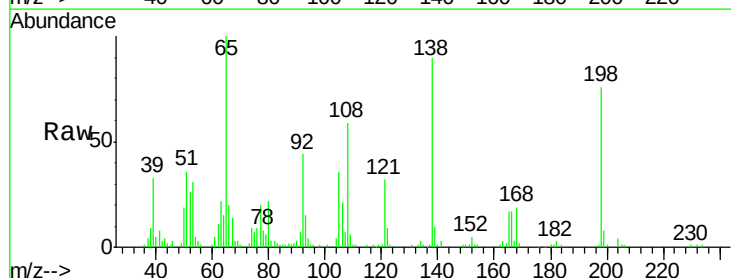
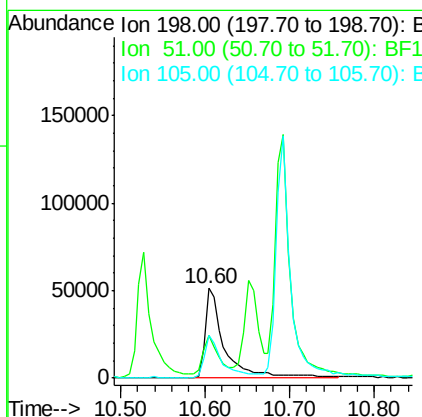
Manual Integrations
 APPROVED

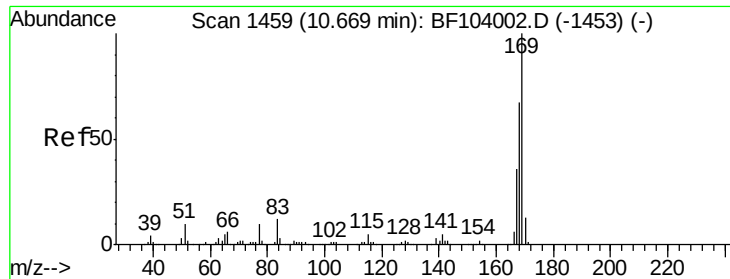
Sohil
 4/5/2018 4:38:49 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.685 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	82250		
51	47.5		37.7	77.7
105	47.5		36.3	76.3





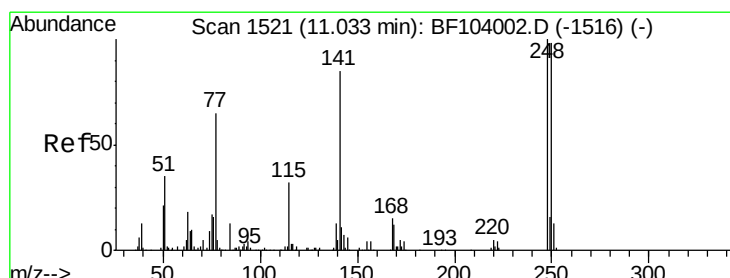
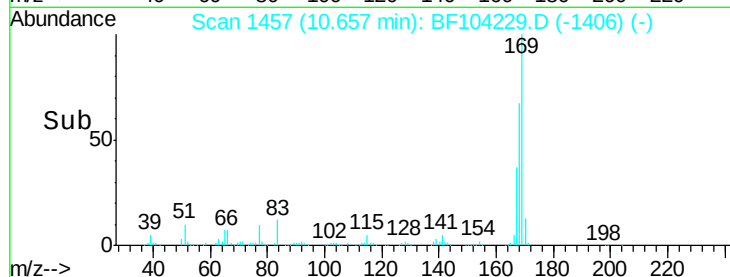
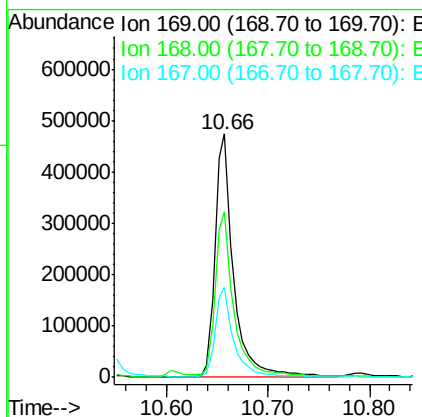
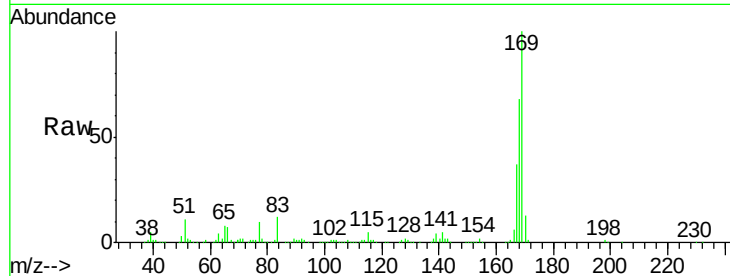
#65
 n-Nitrosodiphenylamine
 Concen: 40.024 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	600221		
168	67.7		54.4	81.6
167	37.0		29.8	44.6

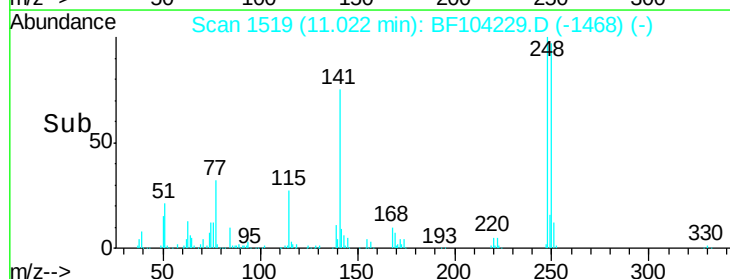
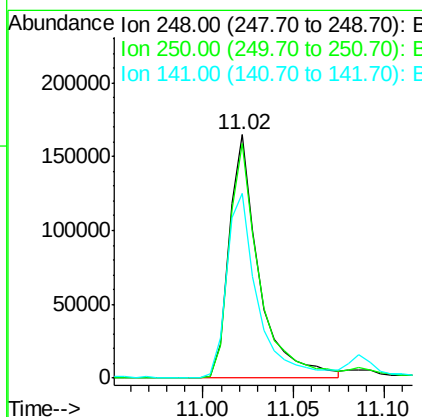
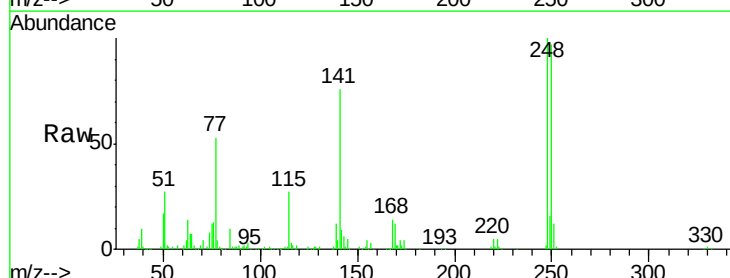
Manual Integrations
 APPROVED

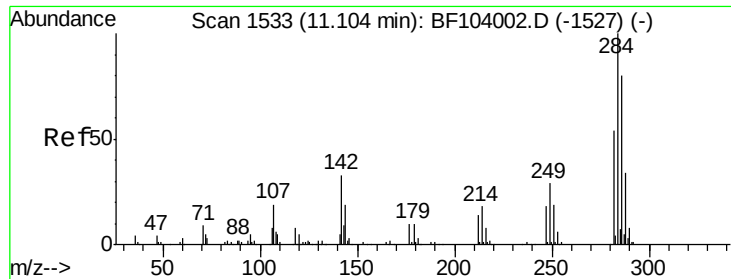
Sohil
 4/5/2018 4:38:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.984 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189425		
250	96.6		76.9	115.3
141	76.0		74.4	111.6





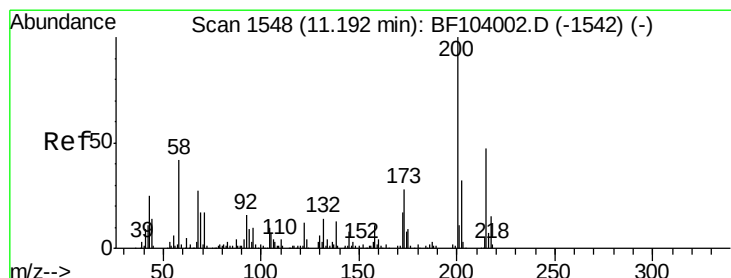
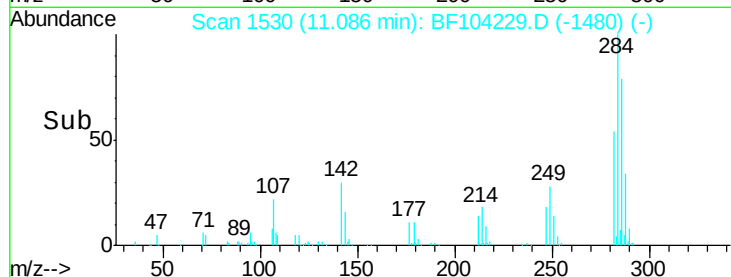
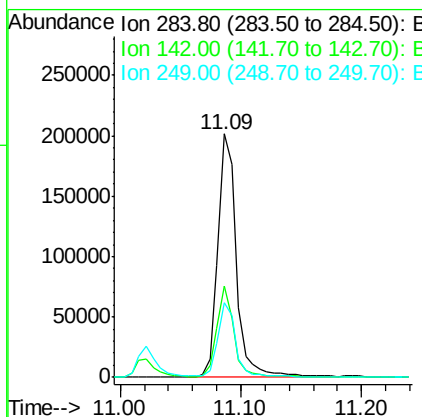
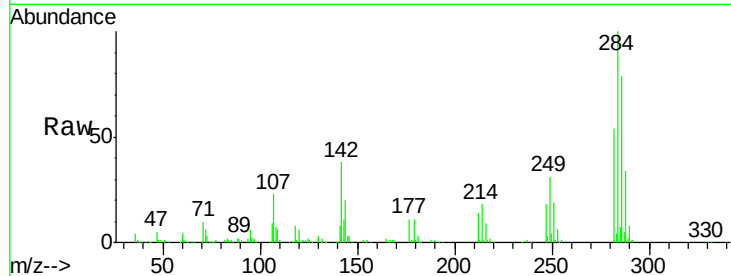
#67
Hexachlorobenzene
Concen: 39.278 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	214048		
142	37.6		34.6	52.0
249	30.8		24.8	37.2

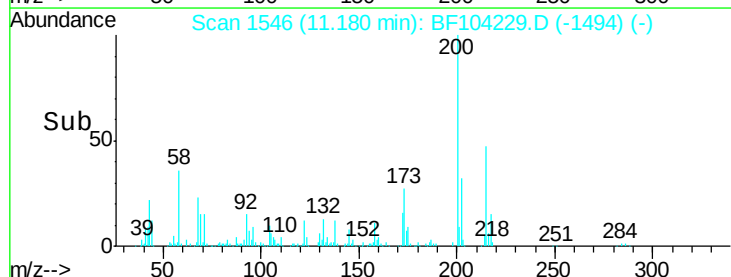
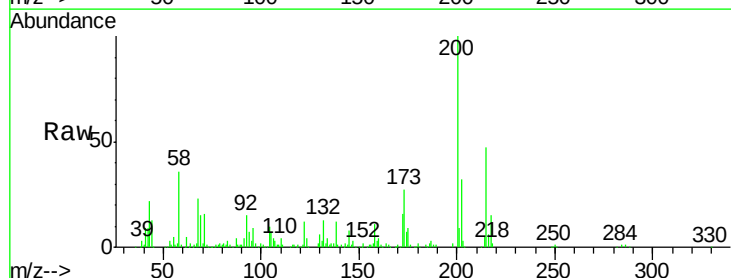
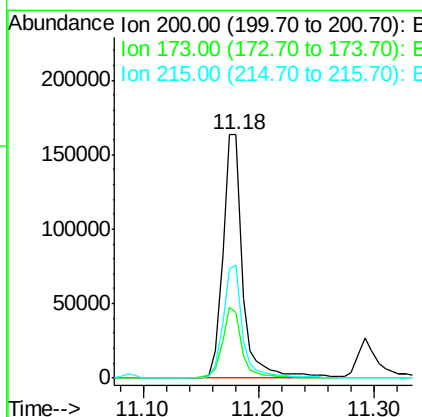
Manual Integrations
APPROVED

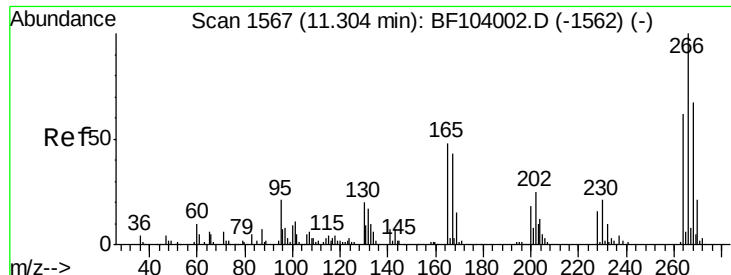
Sohil
4/5/2018 4:38:49 PM



#68
Atrazine
Concen: 42.324 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	194453		
173	27.2		8.6	48.6
215	46.6		25.1	65.1





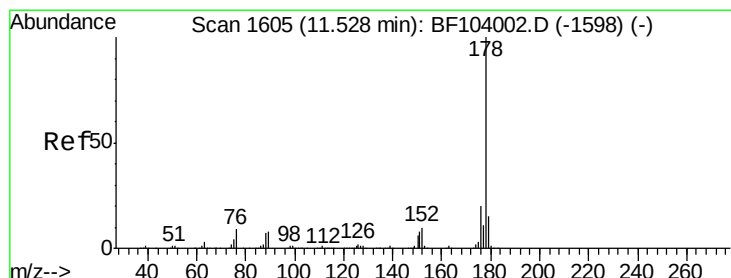
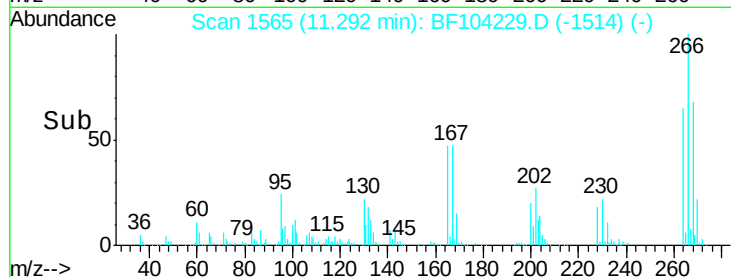
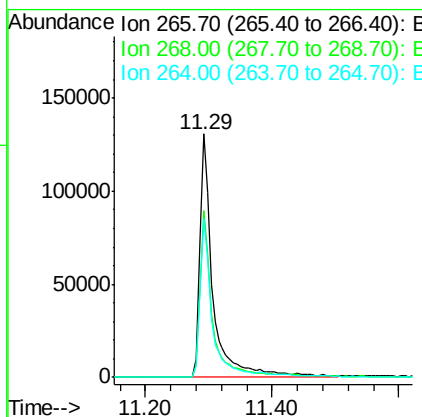
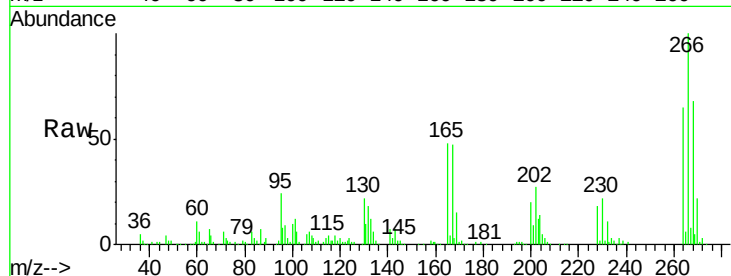
#69
 Pentachlorophenol
 Concen: 62.471 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	187335		
268	68.4	51.1	76.7	
264	65.1	49.5	74.3	

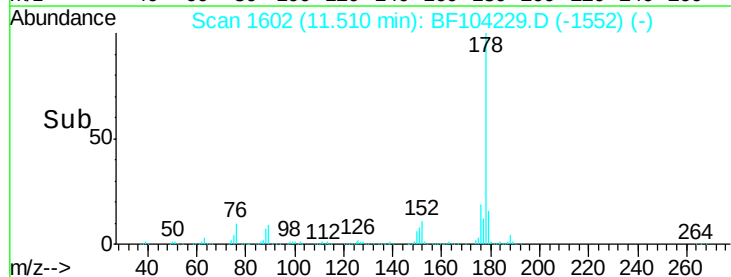
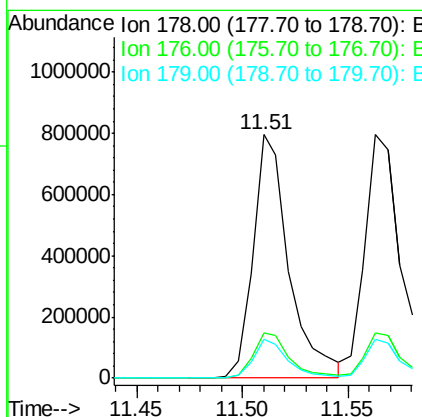
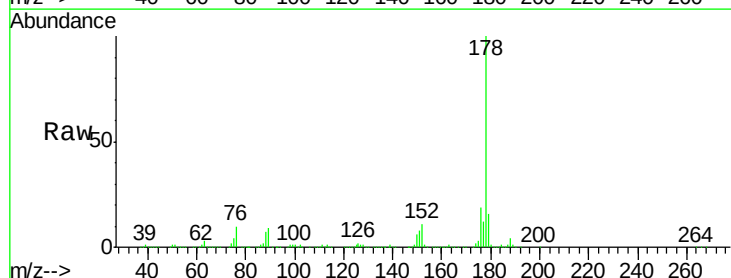
Manual Integrations
 APPROVED

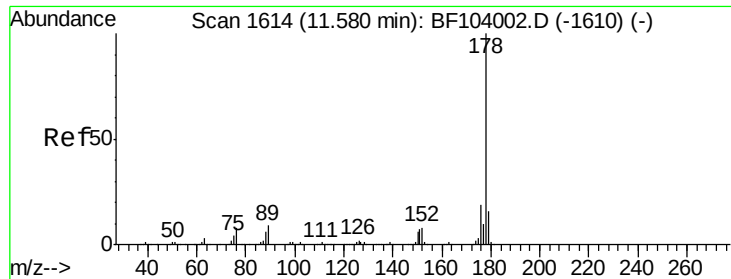
Sohil
 4/5/2018 4:38:49 PM



#70
 Phenanthrene
 Concen: 39.248 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	940953		
176	18.8	15.8	23.8	
179	15.7	13.0	19.6	





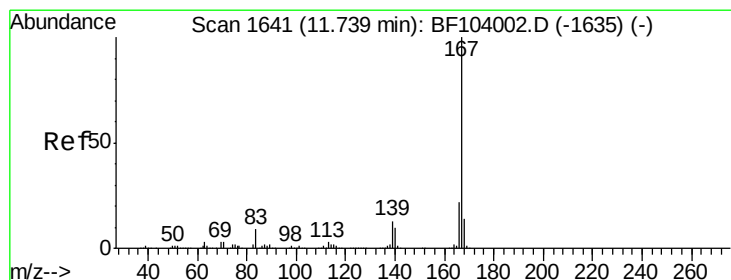
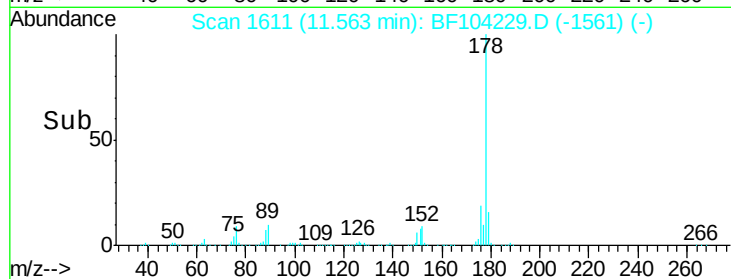
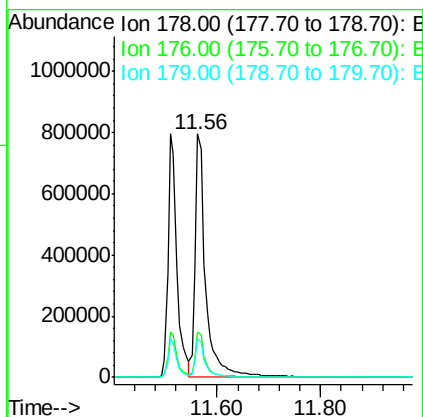
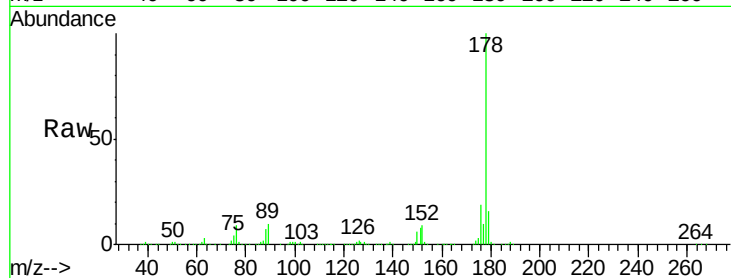
#71
 Anthracene
 Concen: 44.548 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion:178 Resp: 1115566
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 16.1 12.6 19.0

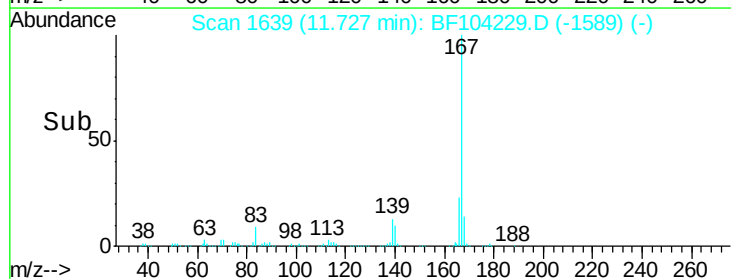
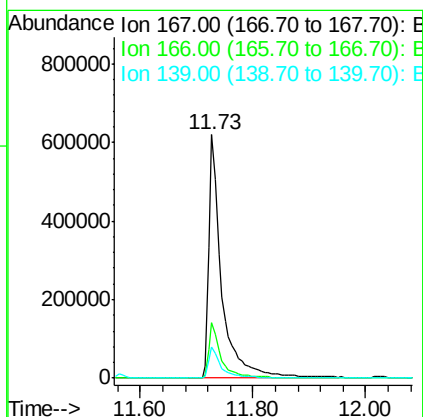
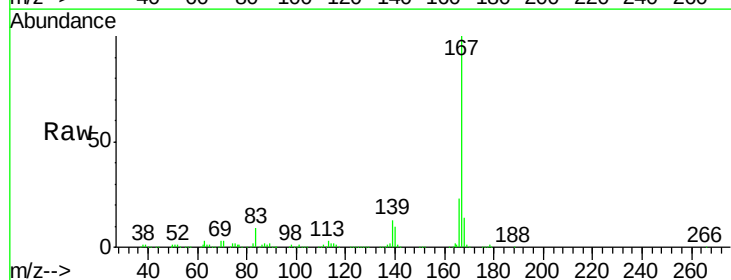
Manual Integrations
 APPROVED

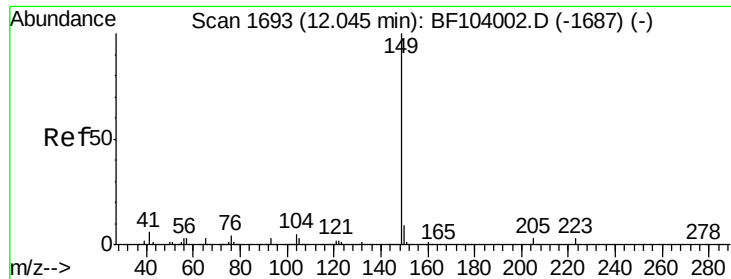
Sohil
 4/5/2018 4:38:49 PM



#72
 Carbazole
 Concen: 41.285 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:167 Resp: 986747
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.123 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

PB107923BS

Tot Ion:149 Resp: 1113827

Ion Ratio Lower Upper

149 100

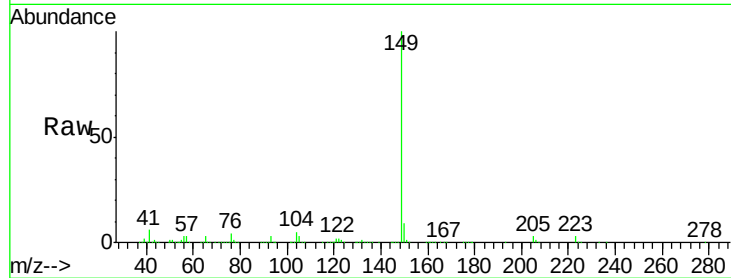
150 9.4 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations
APPROVED

Sohil

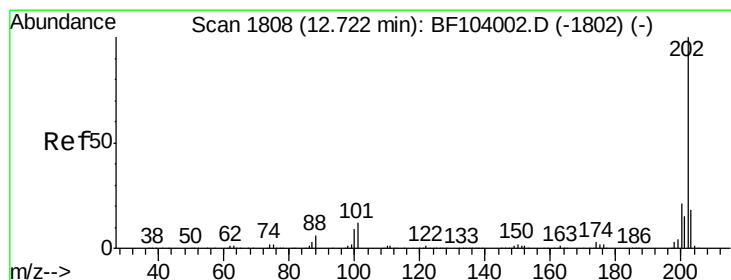
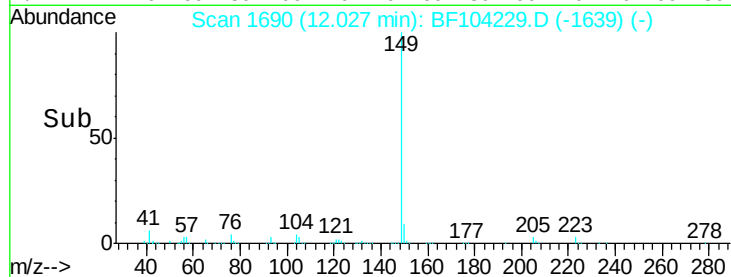
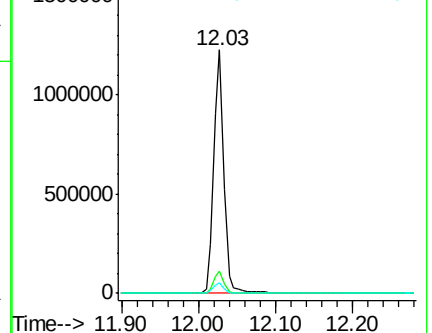
4/5/2018 4:38:49 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.460 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

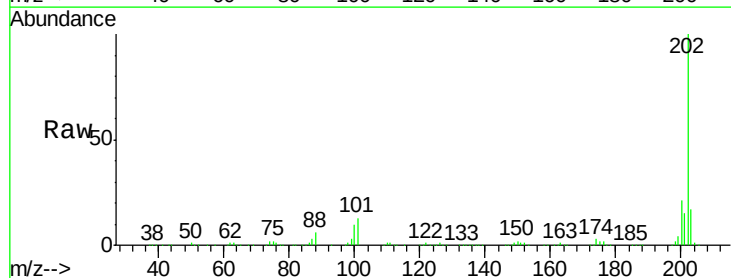
Tgt Ion:202 Resp: 1056546

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

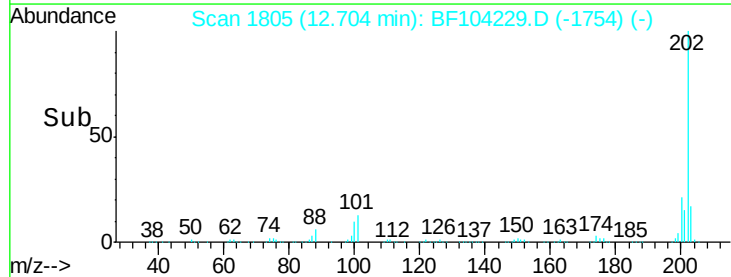
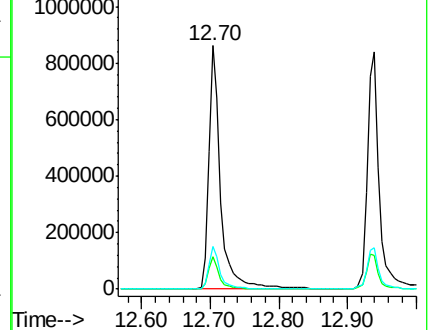
203 17.5 0.0 38.1

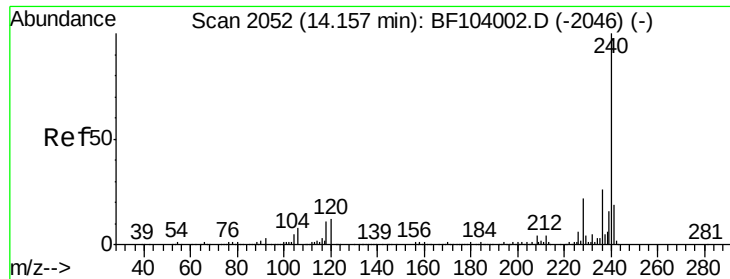


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

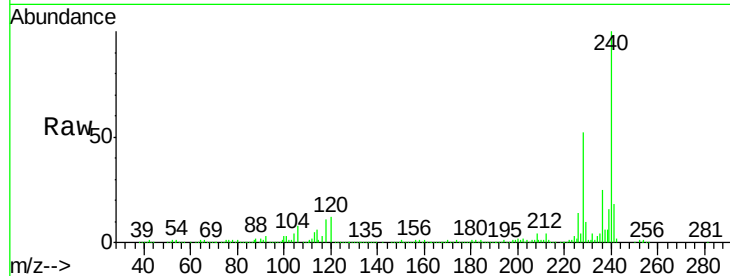
ClientSampleId :

PB107923BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
APPROVED

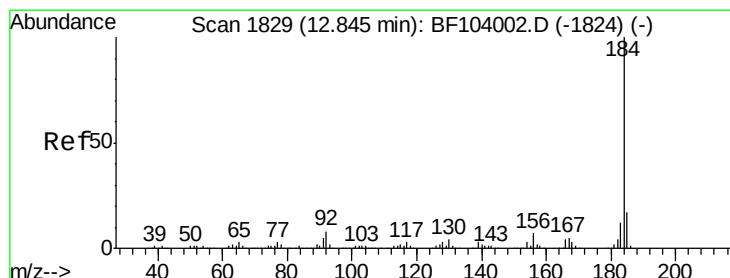
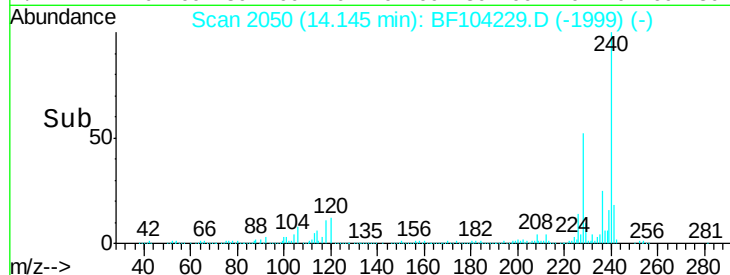
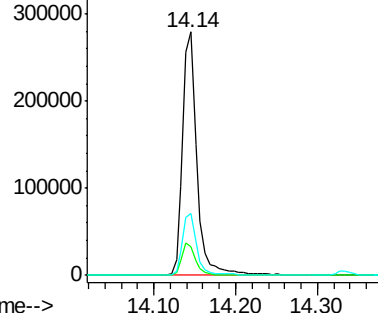
Sohil
4/5/2018 4:38:49 PM



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: 32.154 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF104229.D

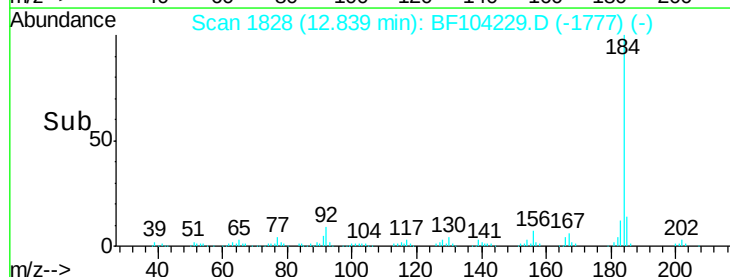
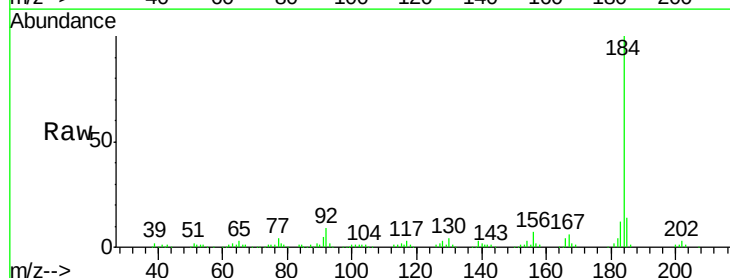
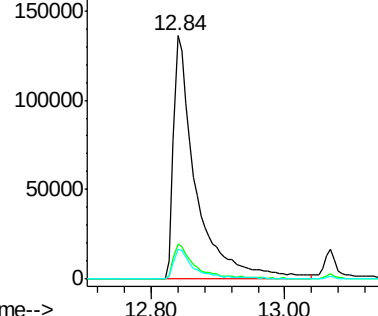
Acq: 4 Apr 2018 17:02

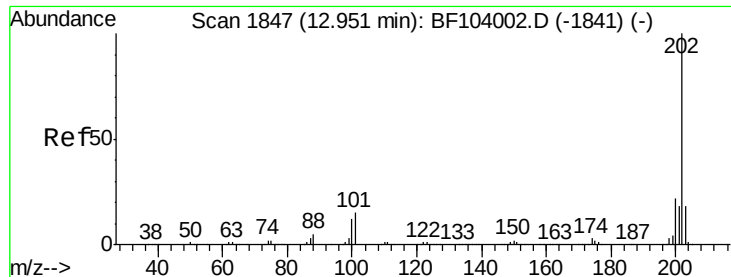
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.2	9.3	13.9

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





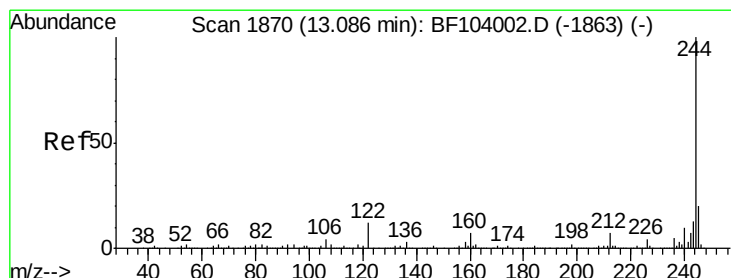
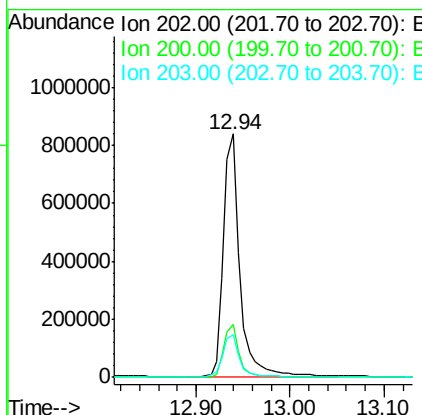
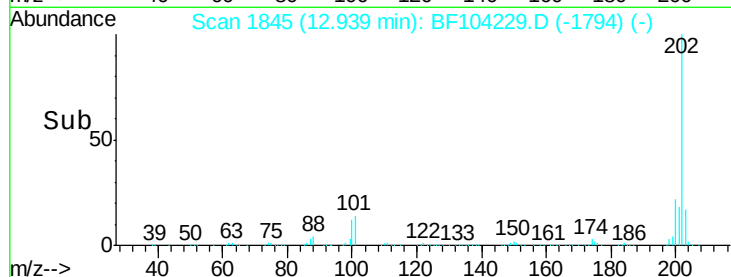
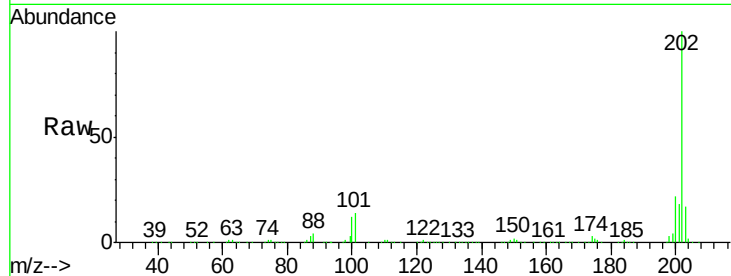
#77
Pvrene
Concen: 41.839 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion: 202 Resp: 1026688
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.4 14.3 21.5

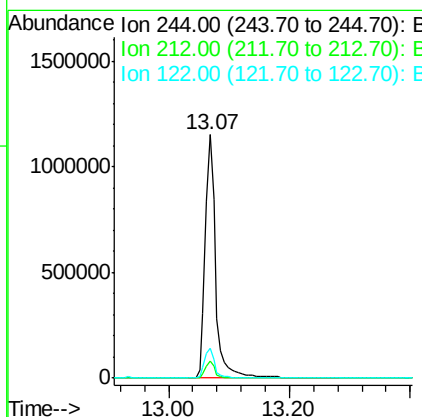
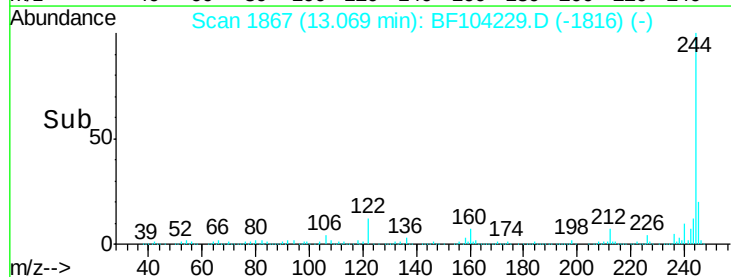
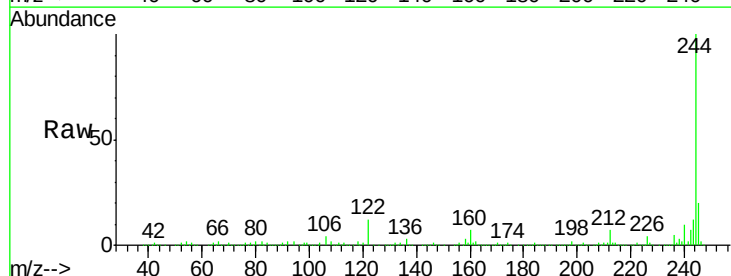
Manual Integrations
APPROVED

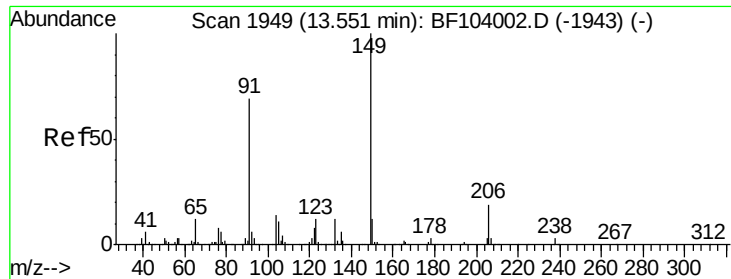
Sohil
4/5/2018 4:38:49 PM



#78
Terphenyl-d14
Concen: 94.867 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 244 Resp: 1402543
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.4 11.0 16.4





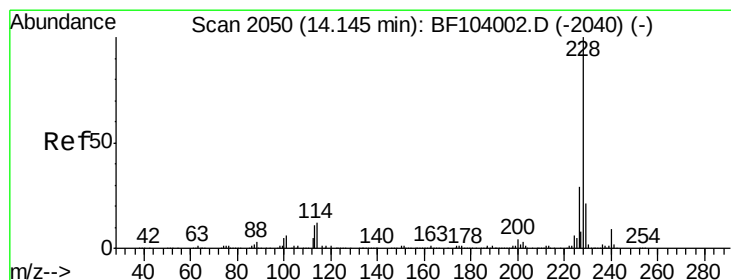
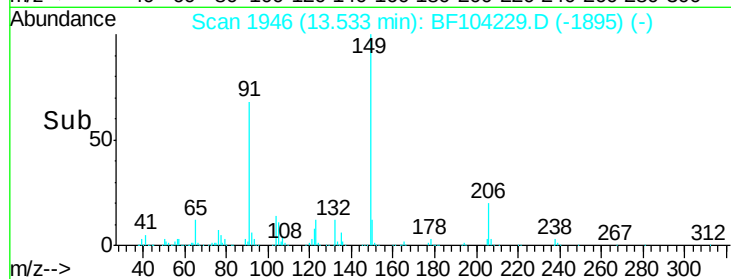
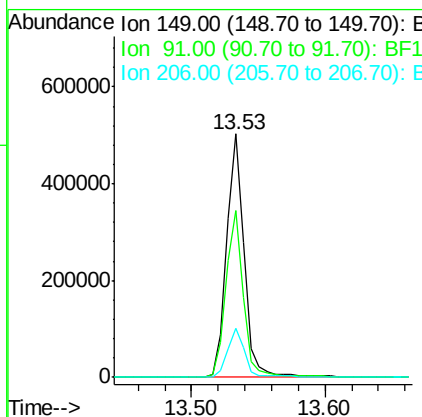
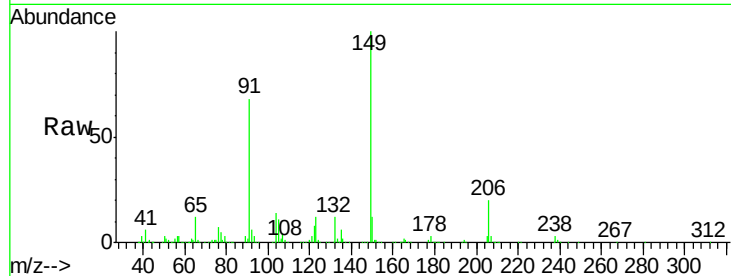
#79
Butylbenzylphthalate
Concen: 40.760 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	56.8	85.2
206	20.0	14.1	21.1

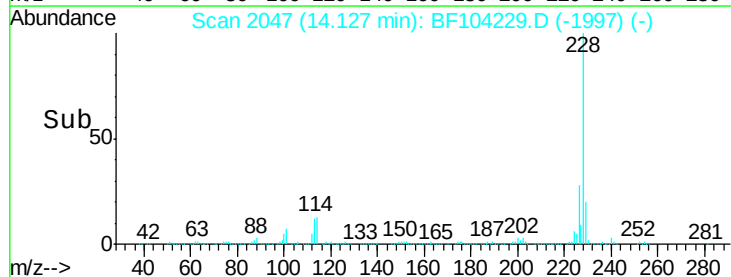
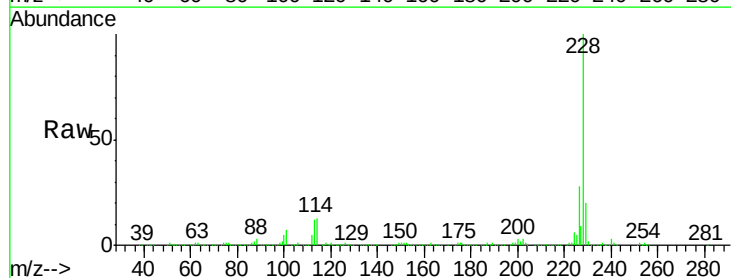
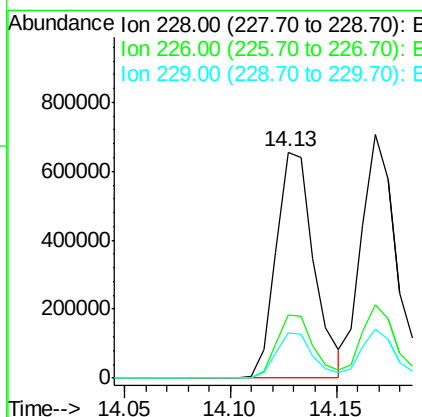
Manual Integrations
APPROVED

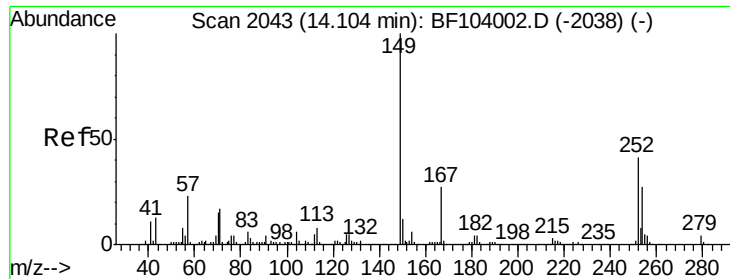
Sohil
4/5/2018 4:38:49 PM



#80
Benzo(a)anthracene
Concen: 38.355 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6





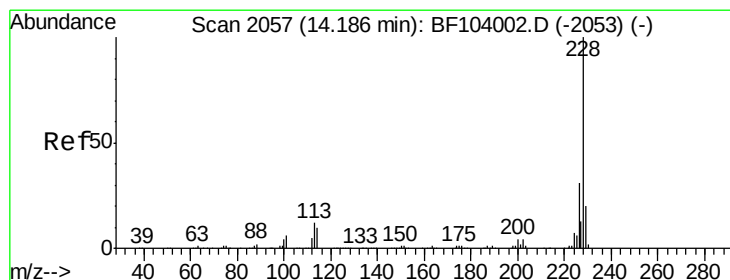
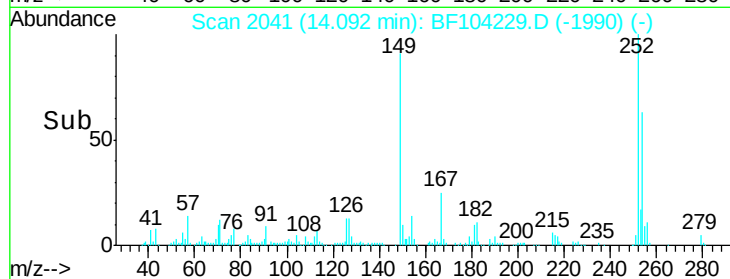
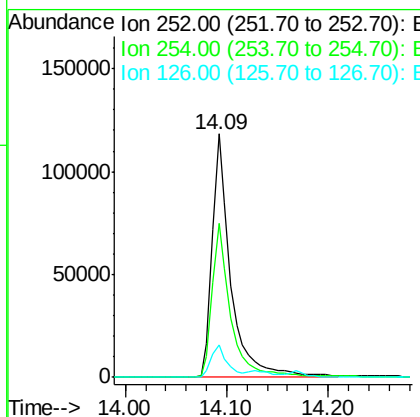
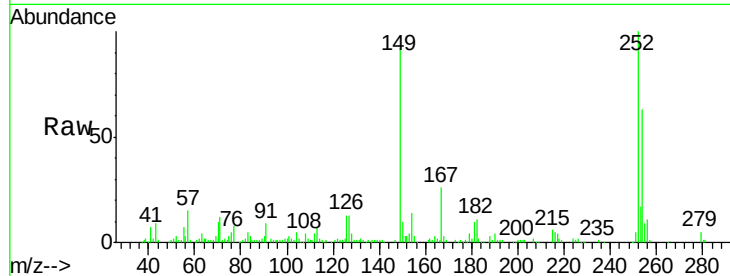
#81
 3,3'-Dichlorobenzidine
 Concen: 21.463 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	13.1	11.3	16.9

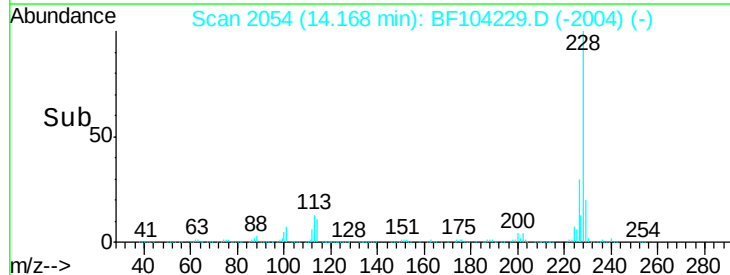
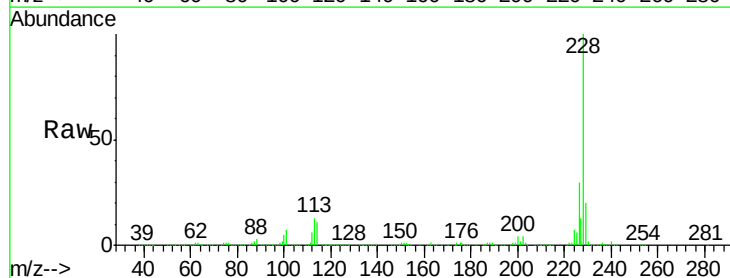
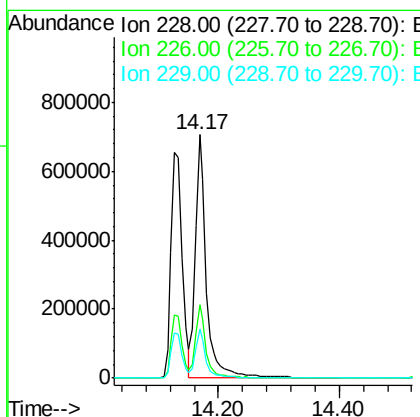
Manual Integrations
 APPROVED

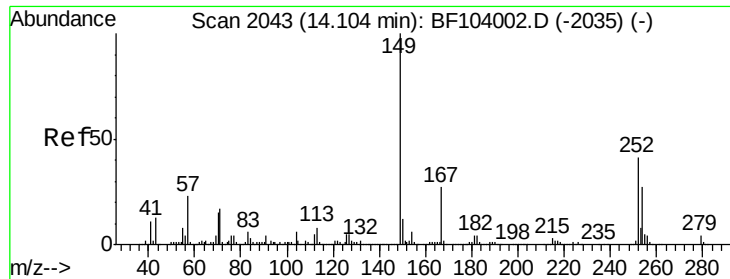
Sohil
 4/5/2018 4:38:49 PM



#82
 Chrysene
 Concen: 43.321 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.660 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

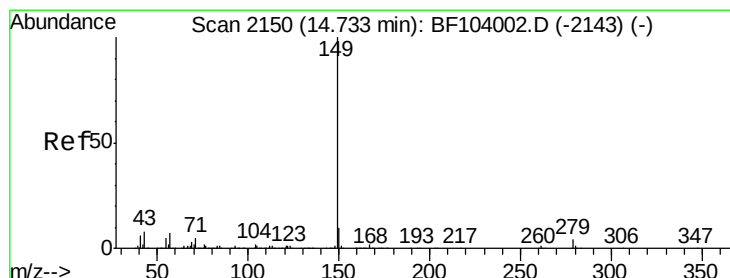
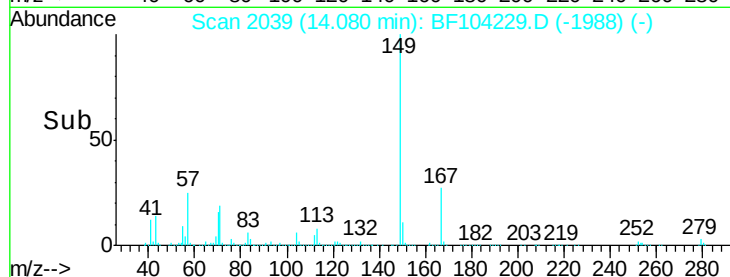
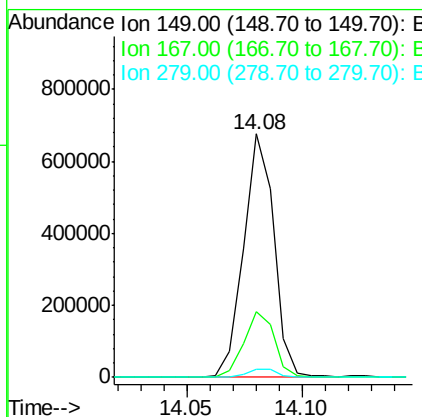
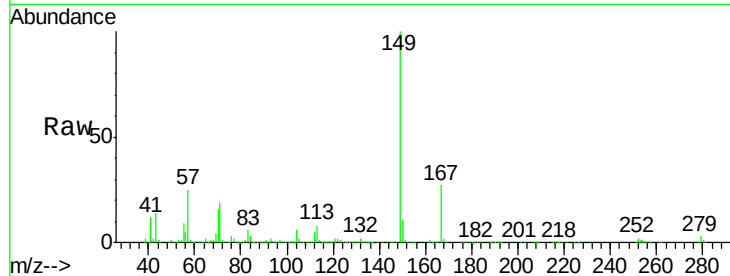
ClientSampleId :

PB107923BS

Tot Ion:	149	Resp:	622291
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.5	3.0	4.4

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM



#84

Di-n-octyl phthalate

Concen: 38.064 ng

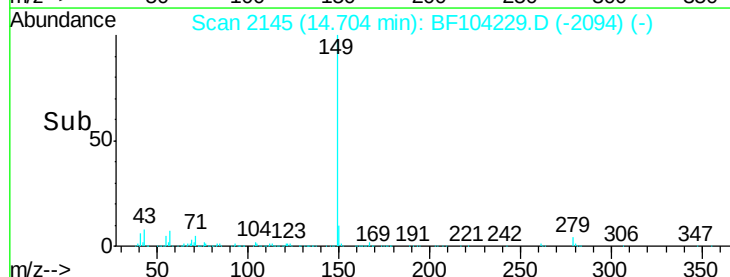
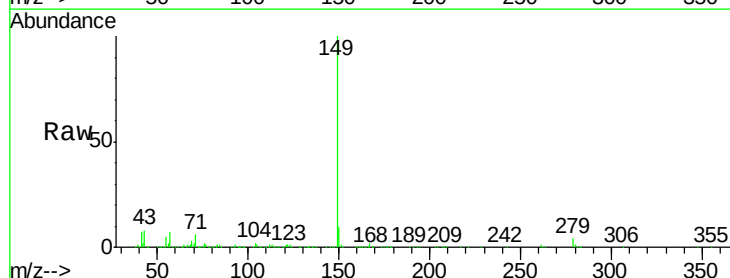
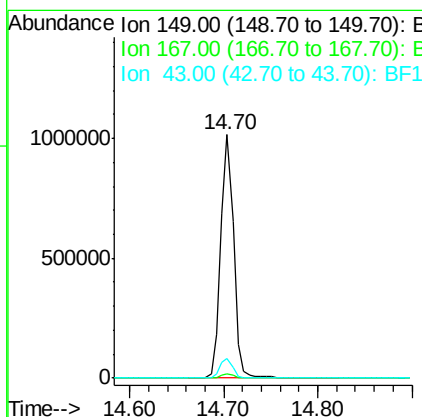
RT: 14.70 min Scan# 2145

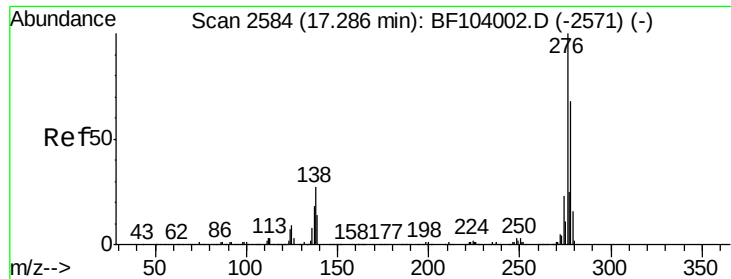
Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:	149	Resp:	978076
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.0	8.4	12.6#





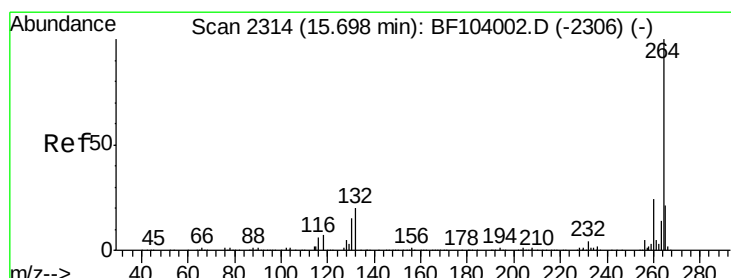
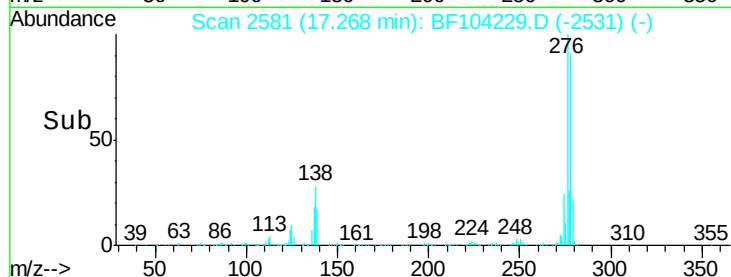
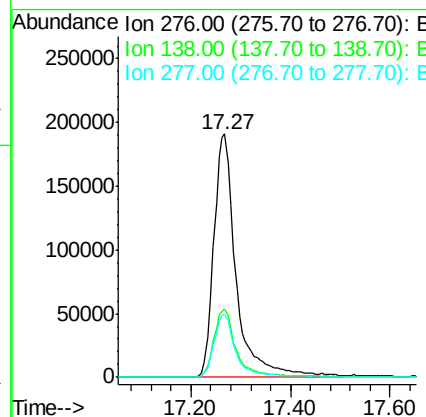
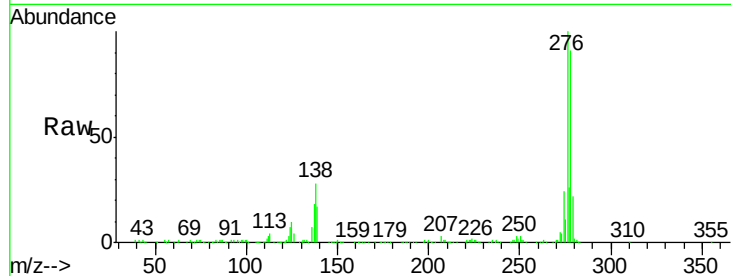
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.666 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.8	20.1	30.1

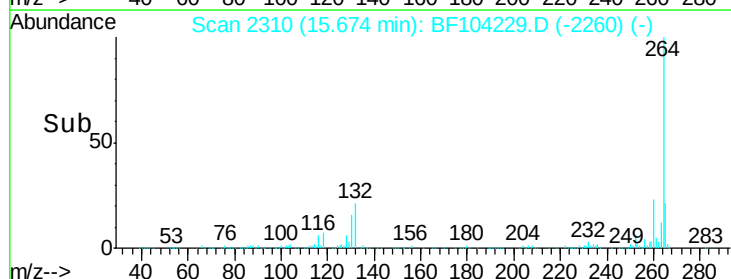
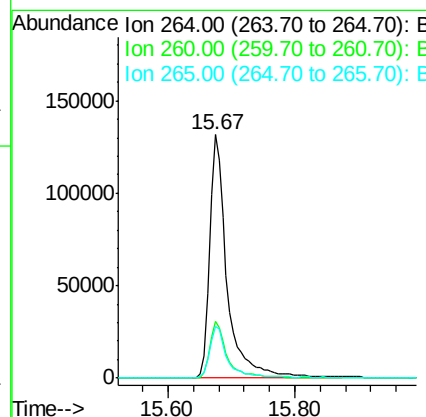
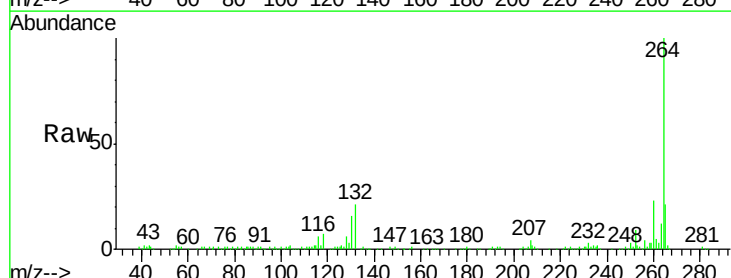
Manual Integrations
 APPROVED

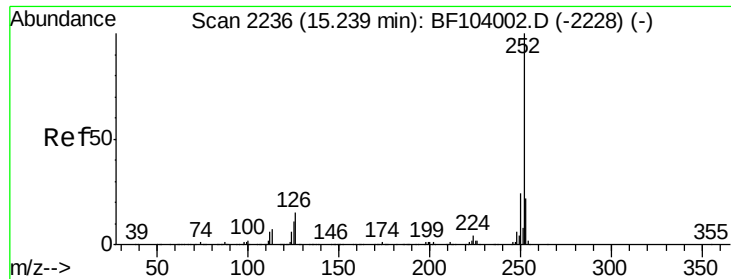
Sohil
 4/5/2018 4:38:49 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3





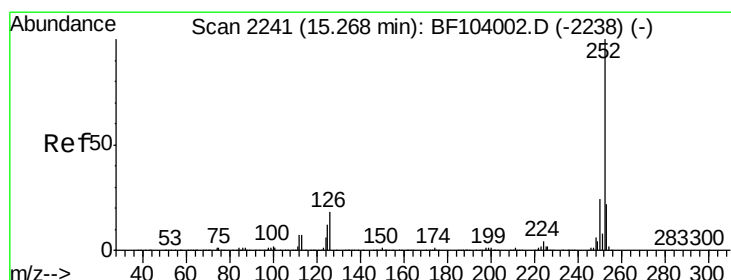
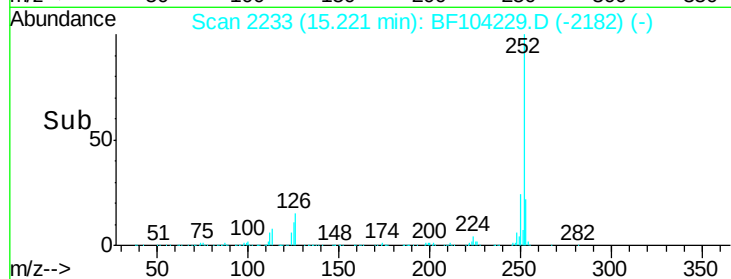
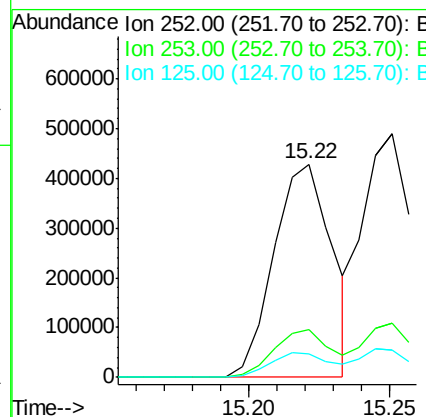
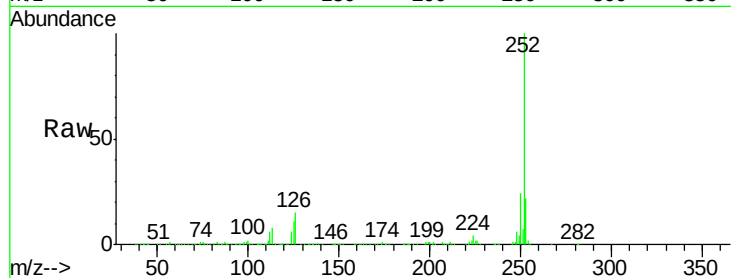
#87
Benzo(b)fluoranthene
Concen: 39.669 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :
PB107923BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.2	9.0	13.6

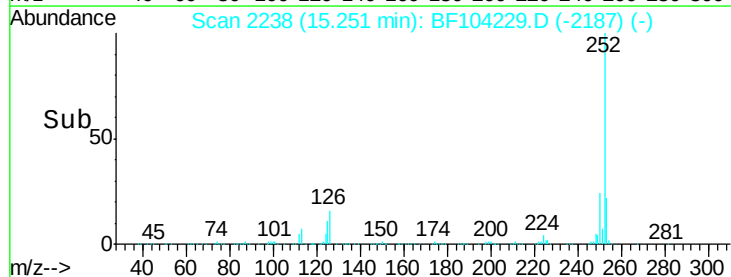
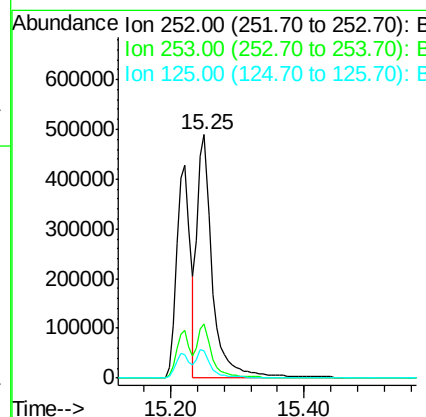
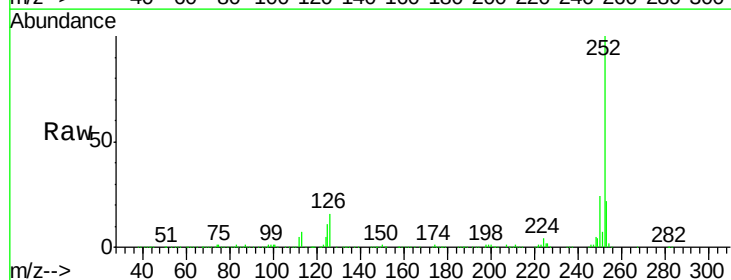
Manual Integrations
APPROVED

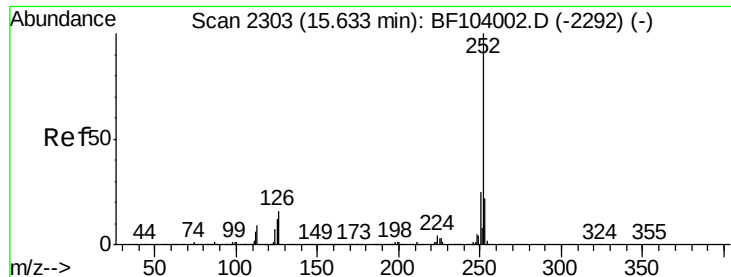
Sohil
4/5/2018 4:38:49 PM



#88
Benzo(k)fluoranthene
Concen: 51.578 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.329 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

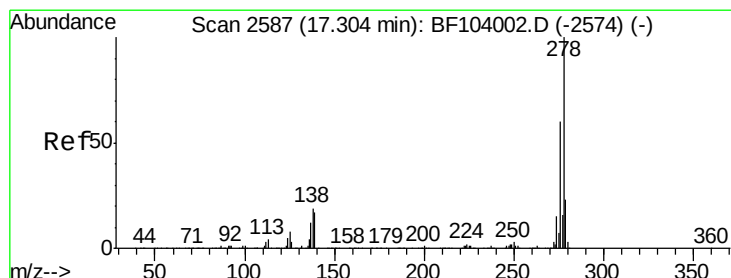
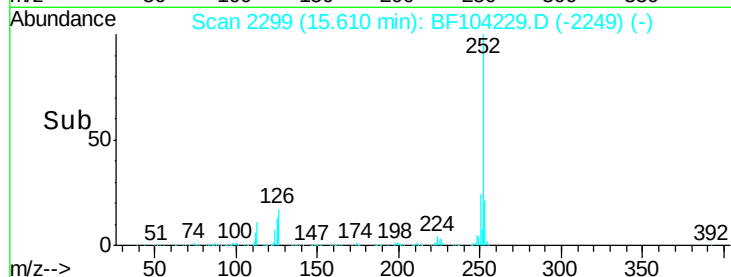
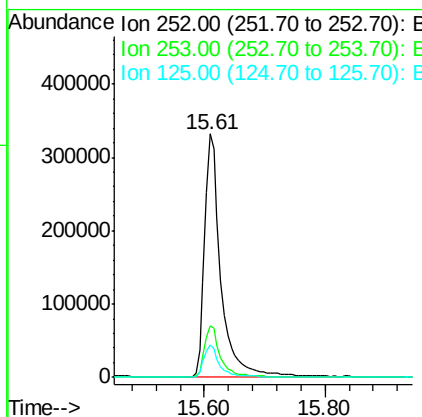
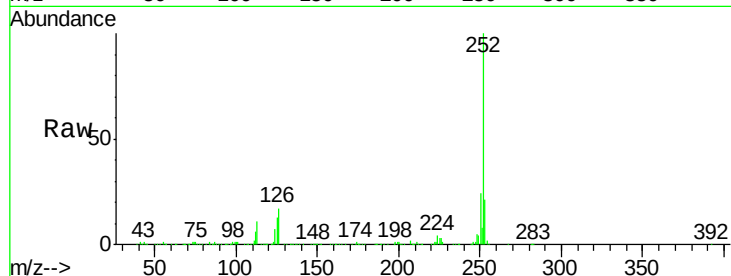
ClientSampleId :

PB107923BS

Tot Ion:	252	Resp:	621660
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	13.2	9.8	14.6

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:49 PM



#90

Dibenzo(a,h)anthracene

Concen: 37.801 ng

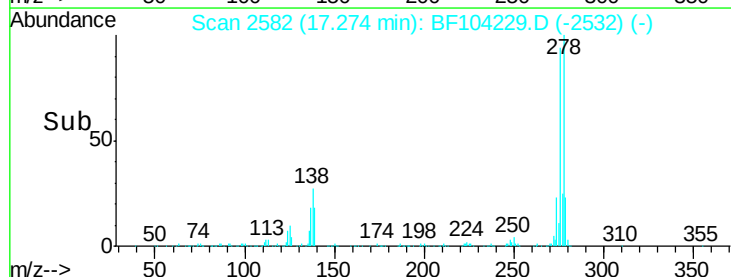
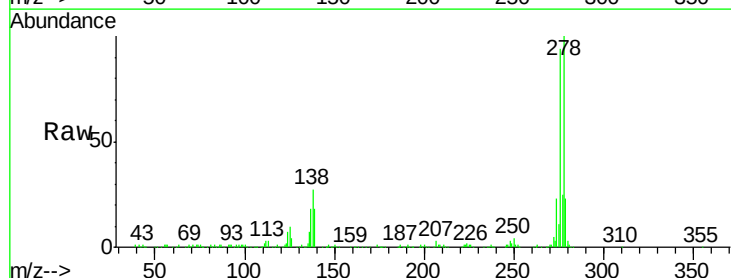
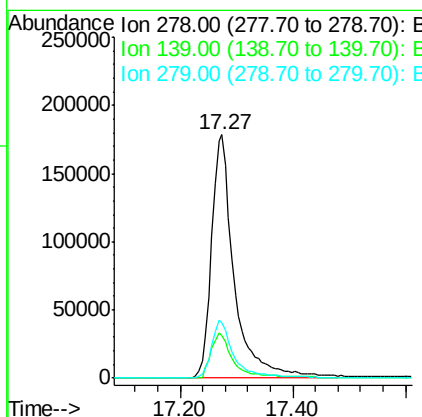
RT: 17.27 min Scan# 2582

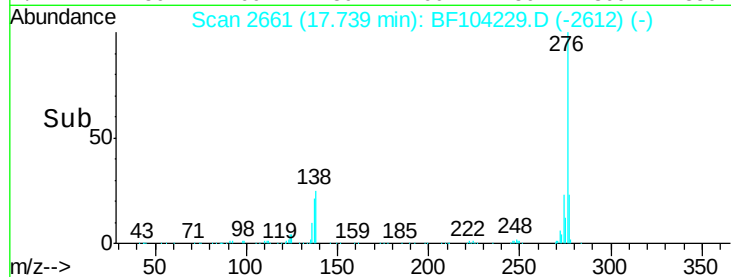
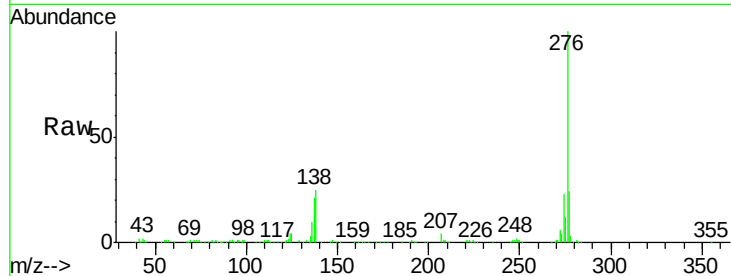
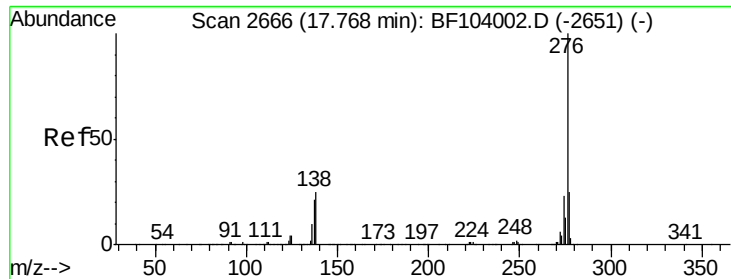
Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:	278	Resp:	501437
Ion Ratio	Lower	Upper	
278	100		
139	17.8	15.9	23.9
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.684 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5	17.9	26.9	
138	25.4	21.8	32.8	

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:49 PM

