

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106296.D
 Acq On : 11 Jun 2018 16:02
 Operator : JU/SJ
 Sample : PB110108BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:14 PM

Quant Time: Jun 12 01:31:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	200691	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	762275	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	366413	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	747940	20.00	ng	0.00
75) Chrysene-d12	14.16	240	661311	20.00	ng	0.00
86) Perylene-d12	15.69	264	493509	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1450302	122.31	ng	0.01
7) Phenol-d6	6.60	99	1852831	123.68	ng	0.00
23) Nitrobenzene-d5	7.54	82	1244164	96.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	572661	162.43	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1946034	99.37	ng	0.00
78) Terphenyl-d14	13.09	244	2246468	84.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	209055	34.066	ng	95
3) Pyridine	3.65	79	640801	37.471	ng	99
4) n-Nitrosodimethylamine	3.61	42	297584	37.985	ng	95
6) Aniline	6.64	93	617042	28.207	ng	99
8) 2-Chlorophenol	6.76	128	522651	40.987	ng	99
9) Benzaldehyde	6.52	77	389911	34.313	ng	99
10) Phenol	6.61	94	645445	39.466	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	537467	38.389	ng	97
12) 1,3-Dichlorobenzene	6.91	146	599560	39.950	ng	99
13) 1,4-Dichlorobenzene	6.99	146	607814	39.910	ng	99
14) 1,2-Dichlorobenzene	7.14	146	560450	39.091	ng	98
15) Benzyl Alcohol	7.11	79	520817	40.595	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	900415	44.865	ng	98
17) 2-Methylphenol	7.21	107	480565	42.241	ng	99
18) Hexachloroethane	7.48	117	220090	40.557	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	404814	36.018	ng	97
20) 3+4-Methylphenols	7.37	107	594396	40.855	ng	88
22) Acetophenone	7.38	105	768747	40.018	ng	# 98
24) Nitrobenzene	7.55	77	619669	43.999	ng	98
25) Isophorone	7.79	82	1133615	44.791	ng	97
26) 2-Nitrophenol	7.87	139	283153	51.798	ng	93
27) 2,4-Dimethylphenol	7.90	122	525992	49.091	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	697316	42.491	ng	98
29) 2,4-Dichlorophenol	8.10	162	483105	46.737	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	492878	42.526	ng	97
31) Naphthalene	8.28	128	1436946	41.700	ng	96
32) Benzoic acid	8.01	122	368473	46.835	ng	89
33) 4-Chloroaniline	8.32	127	173501	11.362	ng	98
34) Hexachlorobutadiene	8.39	225	310320	41.676	ng	99
35) Caprolactam	8.69	113	155119m	44.366	ng	
36) 4-Chloro-3-methylphenol	8.80	107	519523	45.436	ng	98
37) 2-Methylnaphthalene	8.97	142	1035427	44.117	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	508987	42.791	ng	98
40) Hexachlorocyclopentadiene	9.12	237	680532	103.697	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106296.D
 Acq On : 11 Jun 2018 16:02
 Operator : JU/SJ
 Sample : PB110108BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Manual Integrations
 APPROVED

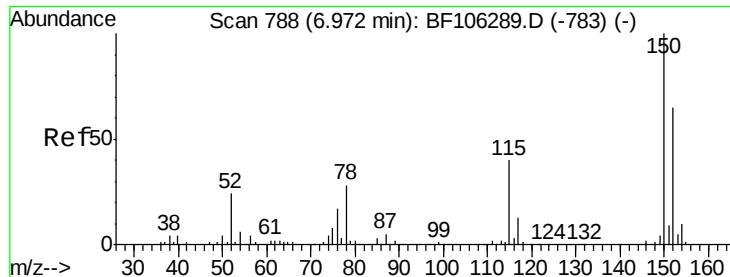
Sohil
 6/12/2018 12:58:14 PM

Quant Time: Jun 12 01:31:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.24	196	365126	48.168	nq	100
43) 2,4,5-Trichlorophenol	9.28	196	389442	47.657	nq	95
45) 1,1'-Biphenyl	9.43	154	1196452	42.157	nq	97
46) 2-Chloronaphthalene	9.46	162	976075	42.976	nq	98
47) 2-Nitroaniline	9.55	65	352105	49.282	nq	83
48) Acenaphthylene	9.88	152	1518987	43.695	nq	95
49) Dimethylphthalate	9.73	163	1115794	42.623	nq #	97
50) 2,6-Dinitrotoluene	9.79	165	267591	50.042	nq	90
51) Acenaphthene	10.05	154	1052172	46.866	nq	98
52) 3-Nitroaniline	9.96	138	166593	26.249	nq	96
53) 2,4-Dinitrophenol	10.07	184	288914	113.623	nq #	21
54) Dibenzofuran	10.22	168	1296053	42.871	nq #	92
55) 4-Nitrophenol	10.11	139	477183	98.091	nq	89
56) 2,4-Dinitrotoluene	10.20	165	366307	54.551	nq	96
57) Fluorene	10.57	166	1020482	42.605	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	336207	51.909	nq #	86
59) Diethylphthalate	10.43	149	1111265	42.768	nq #	94
60) 4-Chlorophenyl-phenylether	10.55	204	532652	42.280	nq	89
61) 4-Nitroaniline	10.58	138	299712	48.537	nq	95
62) Azobenzene	10.71	77	1188649	43.872	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	197771	48.884	nq	92
65) n-Nitrosodiphenylamine	10.67	169	1000746	39.811	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	372307	43.765	nq #	87
67) Hexachlorobenzene	11.11	284	380544	43.390	nq #	88
68) Atrazine	11.20	200	347201	44.820	nq	97
69) Pentachlorophenol	11.30	266	450250	83.387	nq	99
70) Phenanthrene	11.53	178	1514778	41.354	nq	94
71) Anthracene	11.58	178	1546723	42.150	nq	93
72) Carbazole	11.73	167	1444752	42.645	nq	95
73) Di-n-butylphthalate	12.05	149	1625246	43.104	nq #	95
74) Fluoranthene	12.72	202	1692349	43.323	nq	96
76) Benzidine	12.84	184	962159	43.716	nq	100
77) Pyrene	12.95	202	1708658	41.270	nq	94
79) Butylbenzylphthalate	13.56	149	795897	51.355	nq #	94
80) Benzo(a)anthracene	14.15	228	1679804	42.684	nq	94
81) 3,3'-Dichlorobenzidine	14.11	252	373264	28.111	nq #	97
82) Chrysene	14.19	228	1534047	42.695	nq	94
83) Bis(2-ethylhexyl)phthalate	14.12	149	1086270	48.885	nq	97
84) Di-n-octyl phthalate	14.76	149	1660218	51.825	nq	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	1297617	45.252	nq	94
87) Benzo(b)fluoranthene	15.24	252	1406943	47.162	nq	96
88) Benzo(k)fluoranthene	15.28	252	1260937m	42.679	nq	
89) Benzo(a)pyrene	15.63	252	1258510	46.902	nq	97
90) Dibenzo(a,h)anthracene	17.28	278	1070471	47.852	nq	97
91) Benzo(g,h,i)perylene	17.74	276	1109952	51.055	nq #	92

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



#1

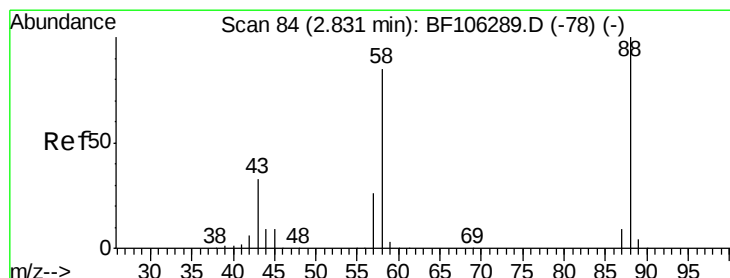
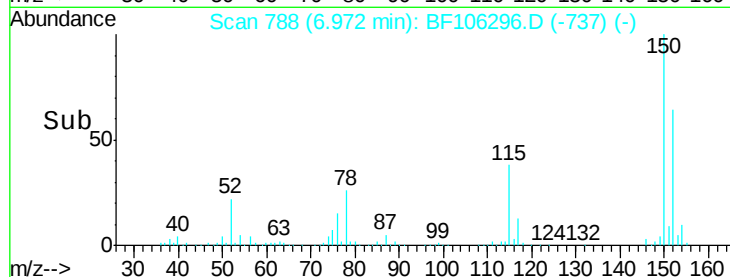
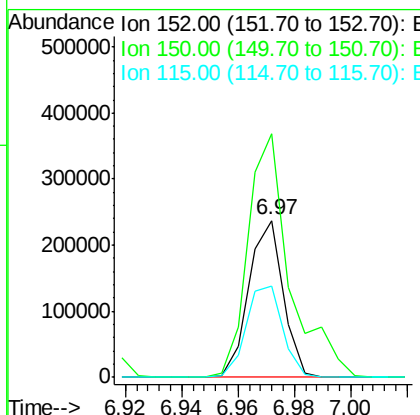
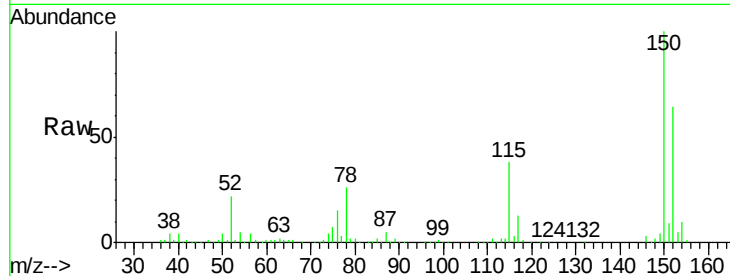
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.7	50.1	75.1

Manual Integrations
APPROVED

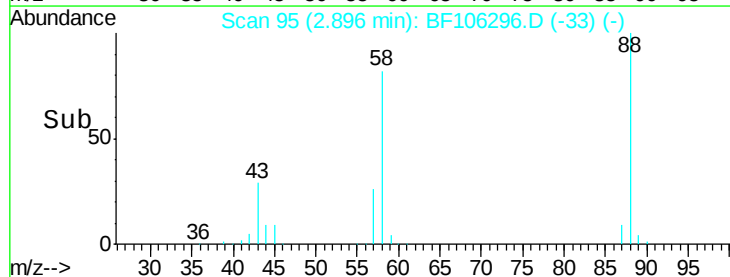
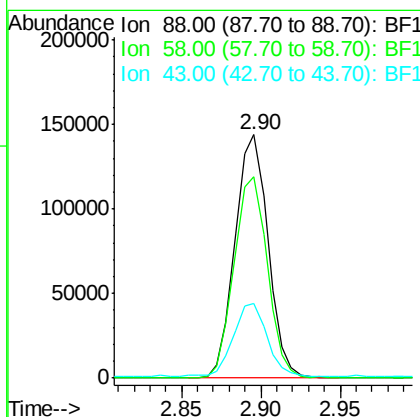
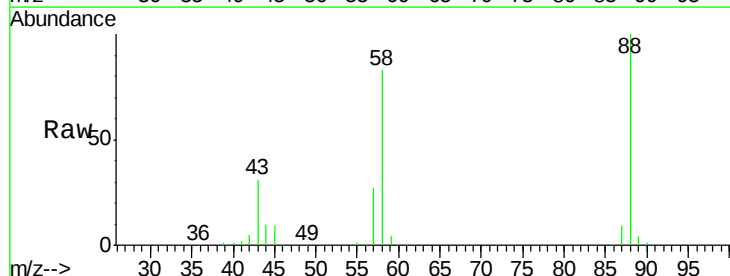
Sohil
6/12/2018 12:58:14 PM

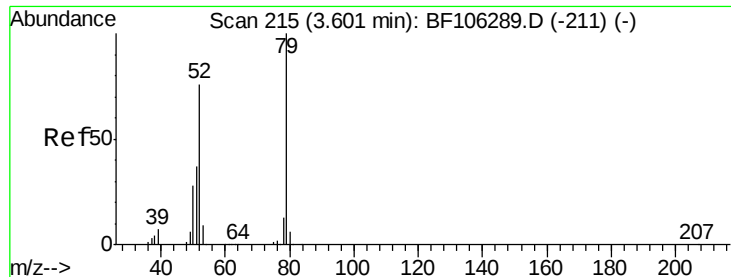


#2

1,4-Dioxane
Concen: 34.066 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.06 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	62.6	93.8
43	30.6	24.6	37.0





#3

Pvridine

Concen: 37.471 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.05 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

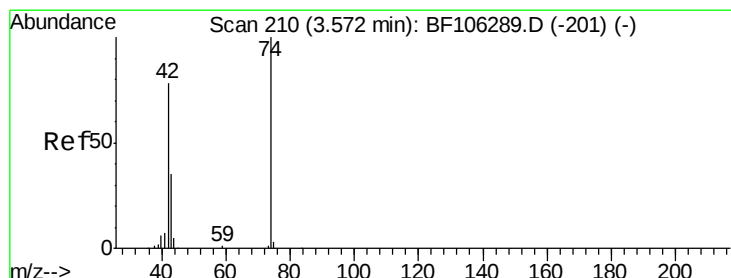
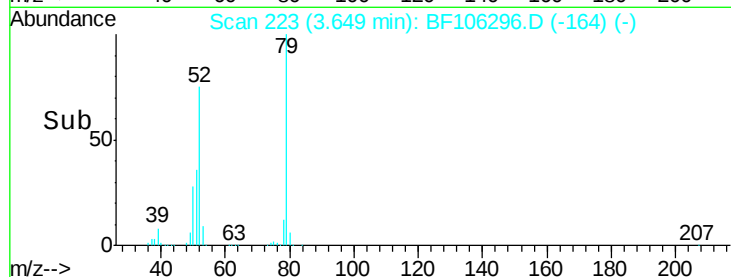
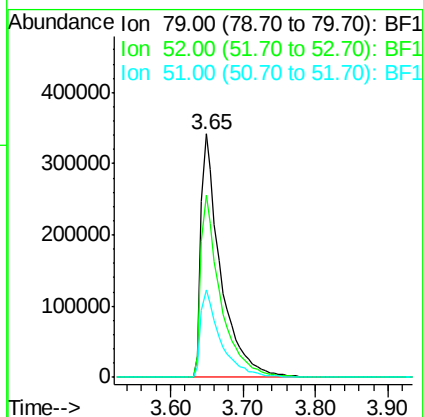
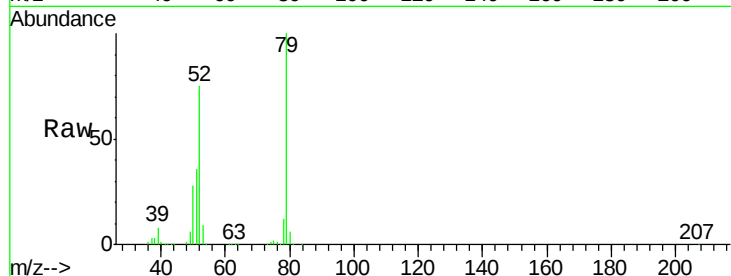
ClientSampleId :

PB110108BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.7	59.8	89.6
51	35.9	29.8	44.8

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM



#4

n-Nitrosodimethylamine

Concen: 37.985 ng

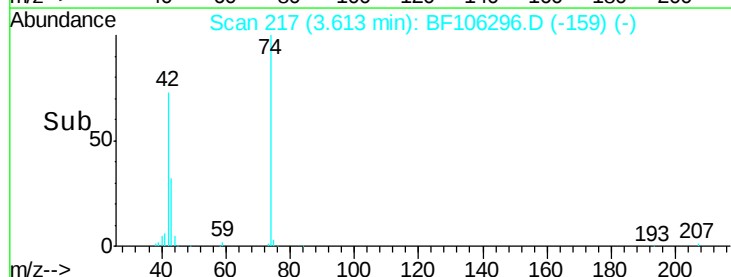
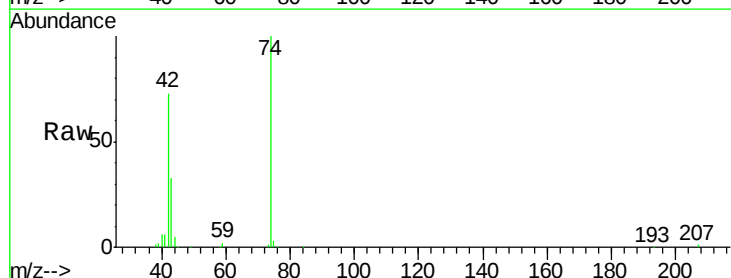
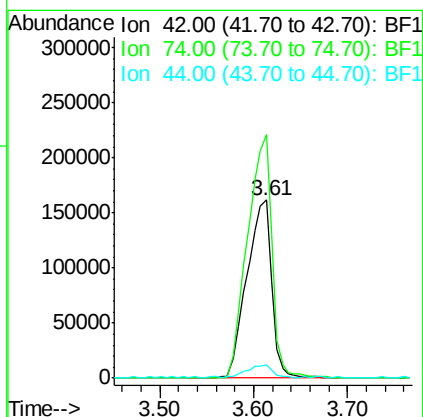
RT: 3.61 min Scan# 217

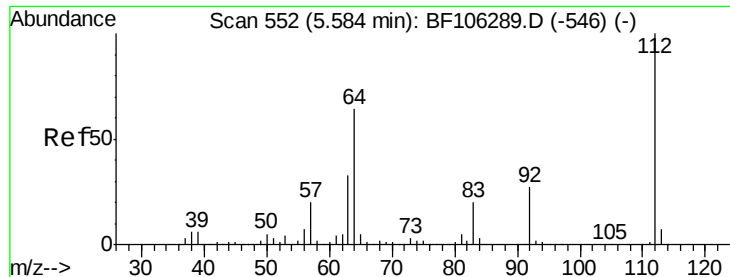
Delta R.T. 0.04 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.8	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 122.309 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110108BS

Tot Ion: 112 Resp: 1450302

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

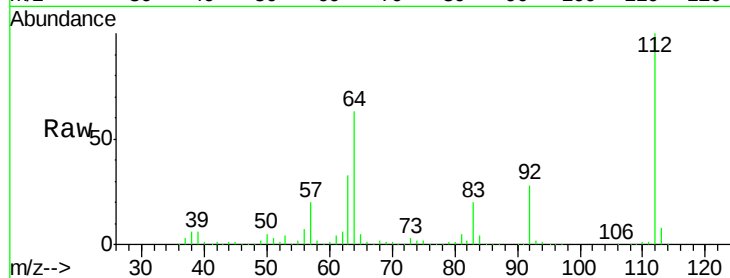
63 32.9 23.7 35.5

Manual Integrations

APPROVED

Sohil

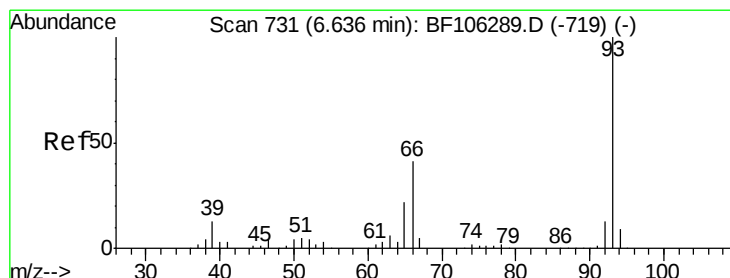
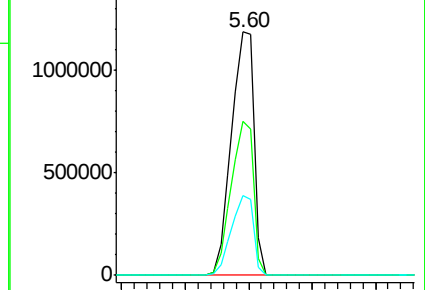
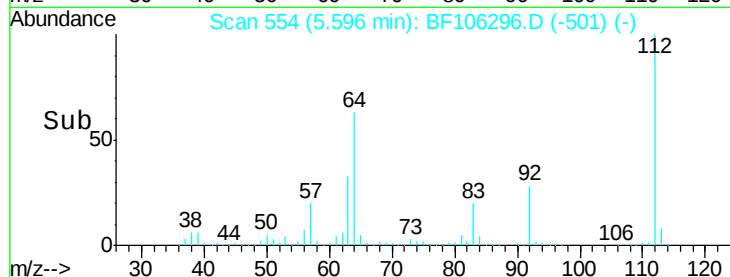
6/12/2018 12:58:14 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.207 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

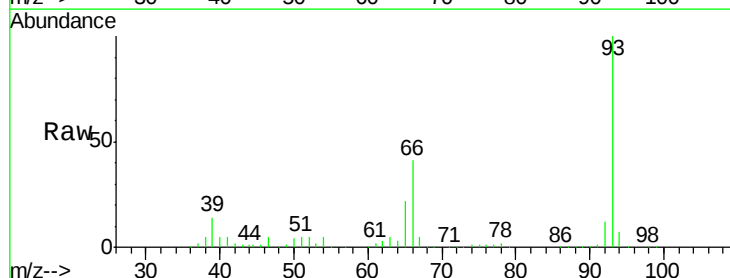
Tgt Ion: 93 Resp: 617042

Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

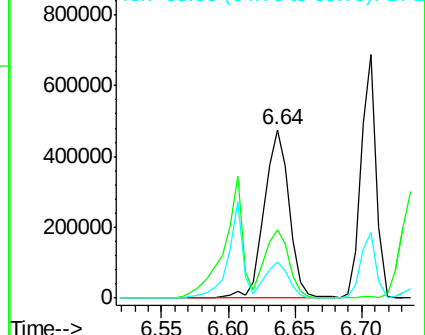
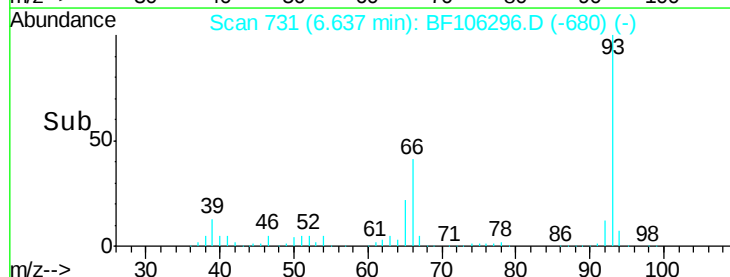
65 21.8 16.4 24.6

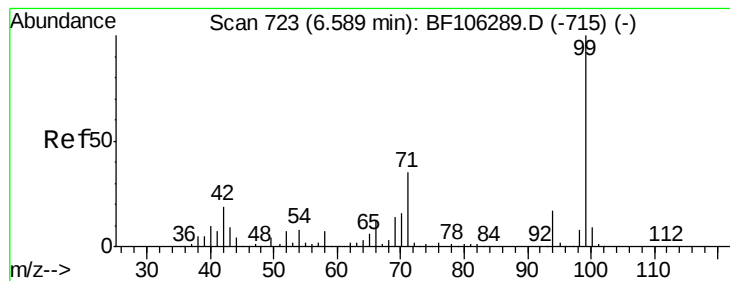


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.678 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110108BS

Tot Ion: 99 Resp: 1852831

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

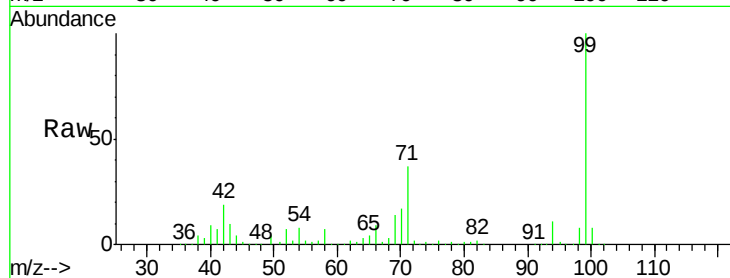
71 36.9 25.4 38.0

Manual Integrations

APPROVED

Sohil

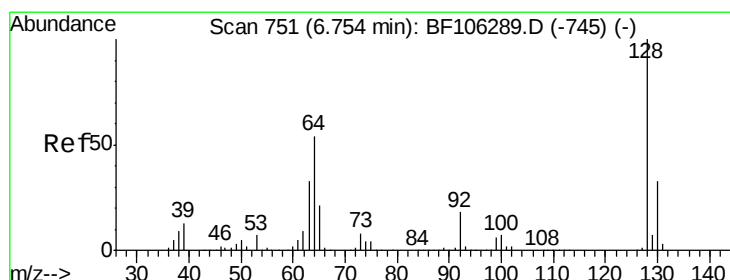
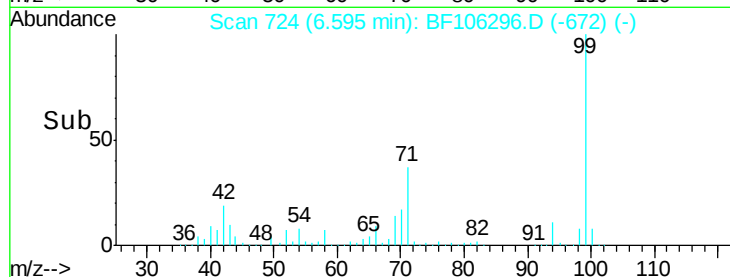
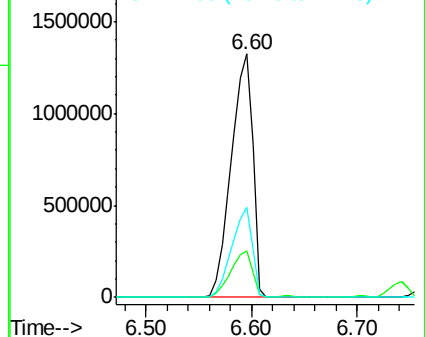
6/12/2018 12:58:14 PM



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: 40.987 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

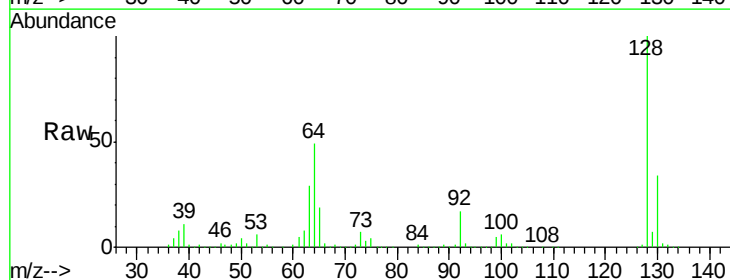
Tgt Ion:128 Resp: 522651

Ion Ratio Lower Upper

128 100

130 34.0 13.0 53.0

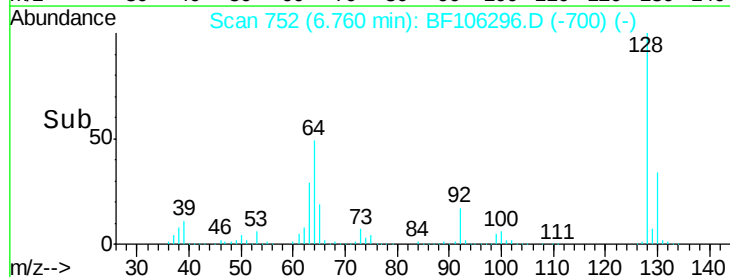
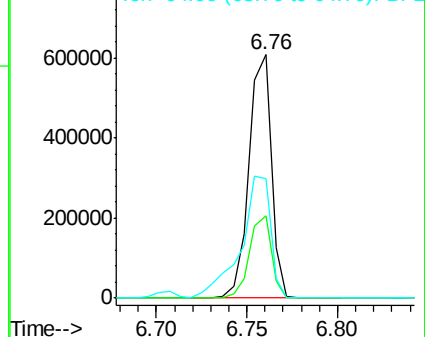
64 48.8 29.4 69.4

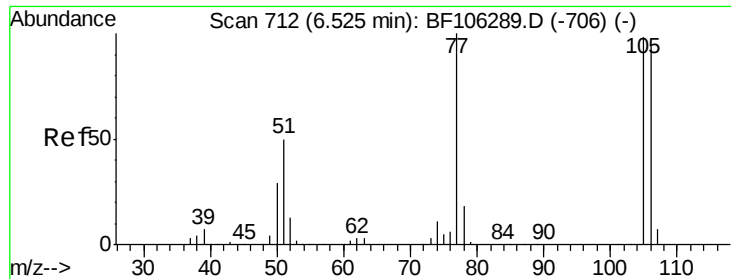


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





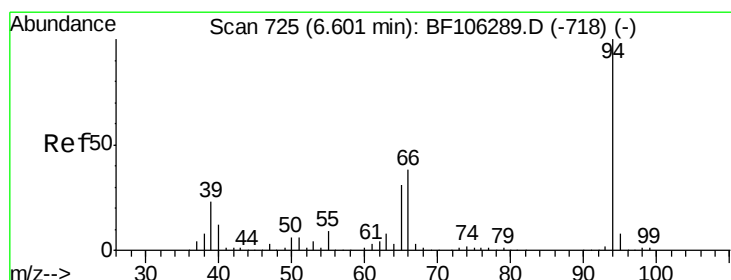
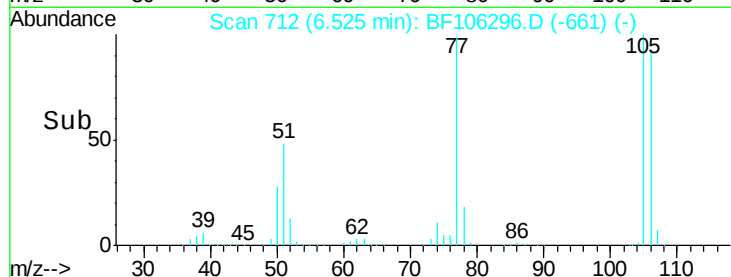
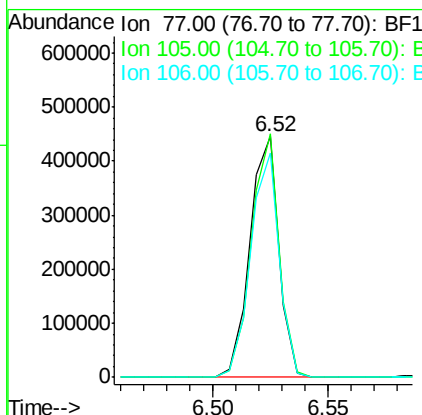
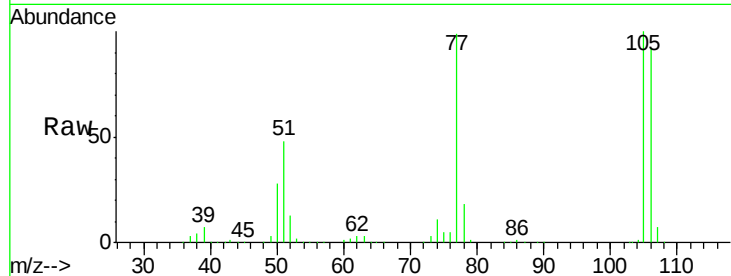
#9
Benzaldehyde
Concen: 34.313 ng
RT: 6.52 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.2	81.1	121.1
106	93.2	74.5	114.5

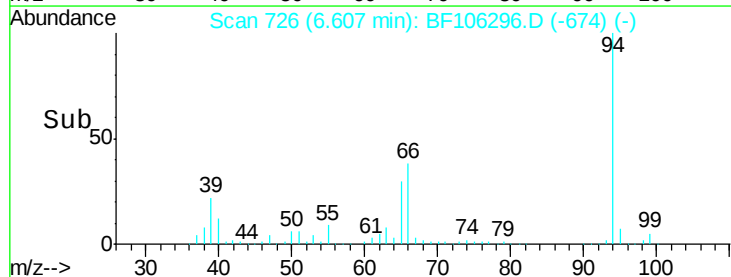
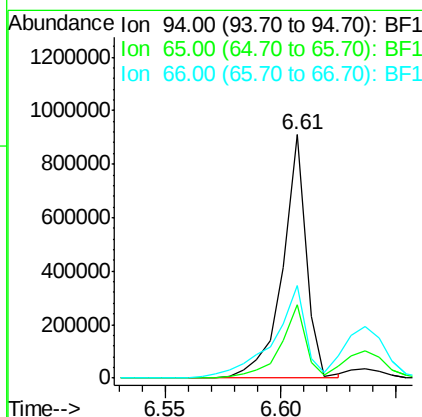
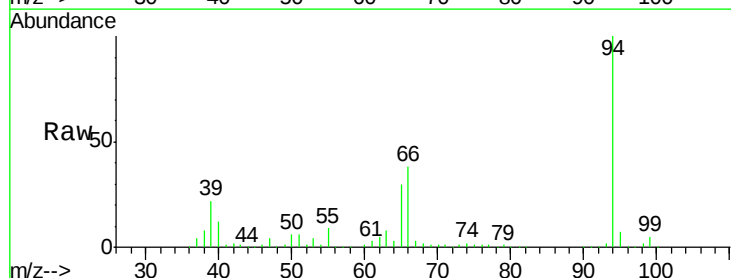
Manual Integrations
APPROVED

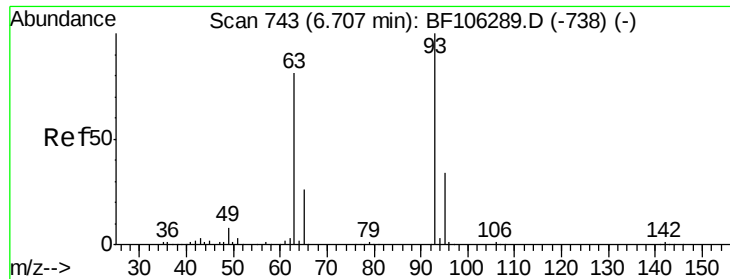
Sohil
6/12/2018 12:58:14 PM



#10
Phenol
Concen: 39.466 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.9	47.9
66	37.8	16.2	56.2





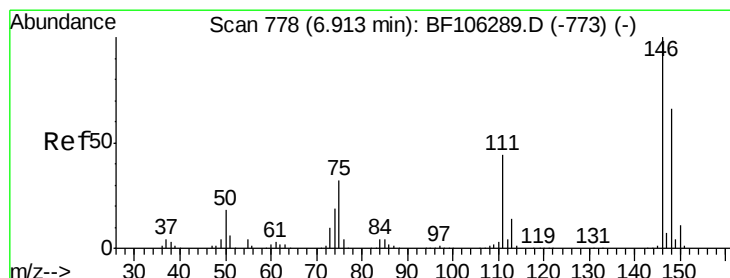
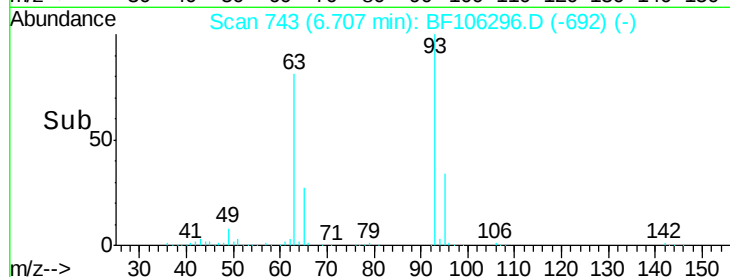
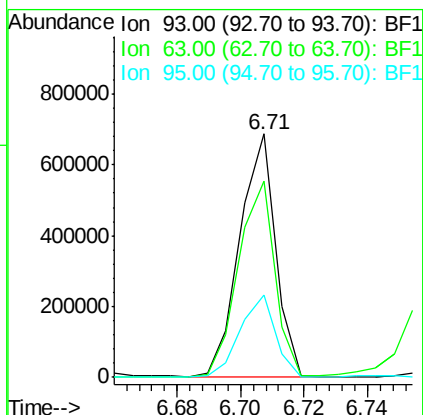
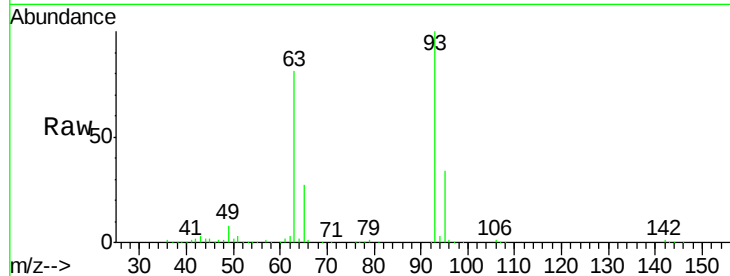
#11
bis(2-Chloroethyl)ether
Concen: 38.389 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion:	93	Resp:	537467
Ion Ratio	Lower	Upper	
93	100		
63	80.7	58.6	98.6
95	33.9	11.8	51.8

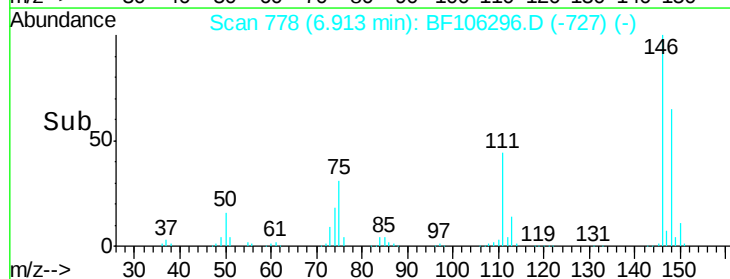
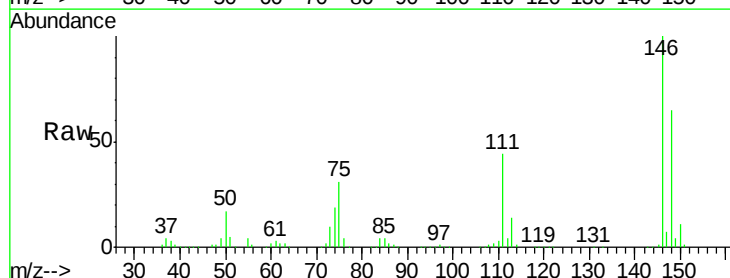
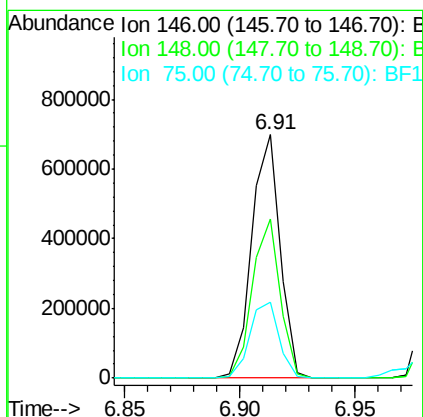
Manual Integrations
APPROVED

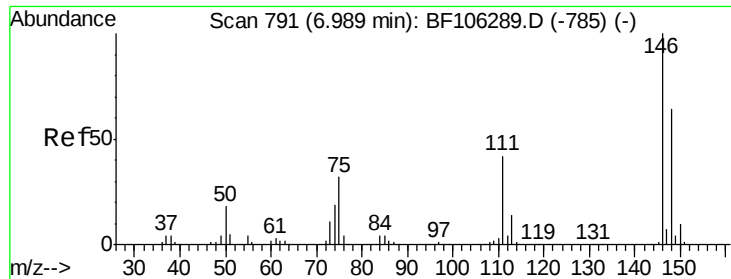
Sohil
6/12/2018 12:58:14 PM



#12
1,3-Dichlorobenzene
Concen: 39.950 ng
RT: 6.91 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion:	146	Resp:	599560
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.8
75	31.4	24.2	36.4





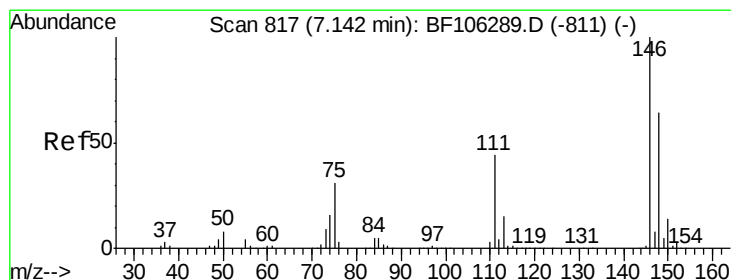
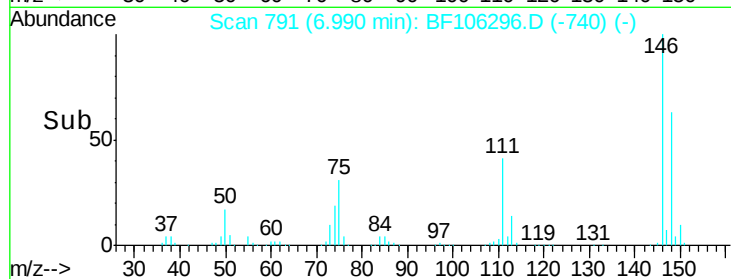
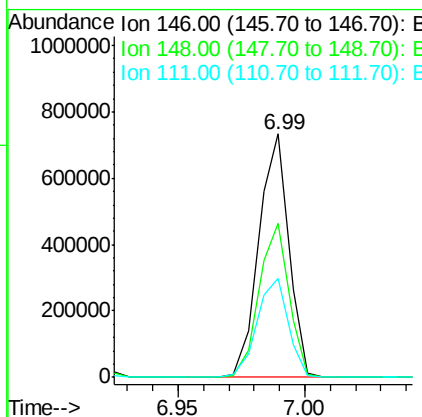
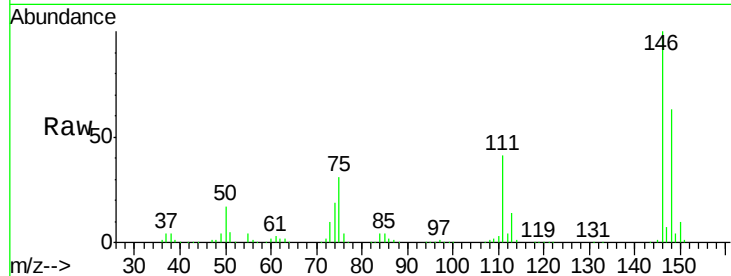
#13
 1,4-Dichlorobenzene
 Concen: 39.910 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	40.9	34.2	51.2

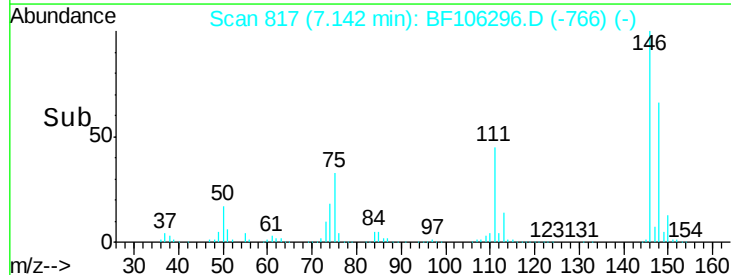
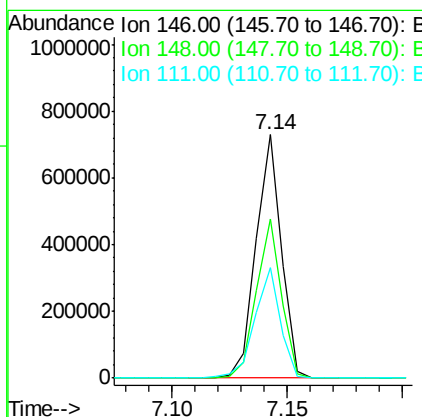
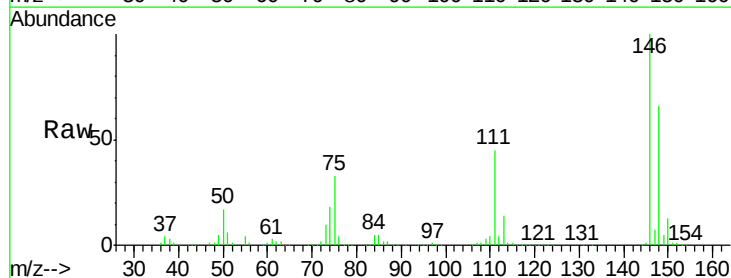
Manual Integrations
 APPROVED

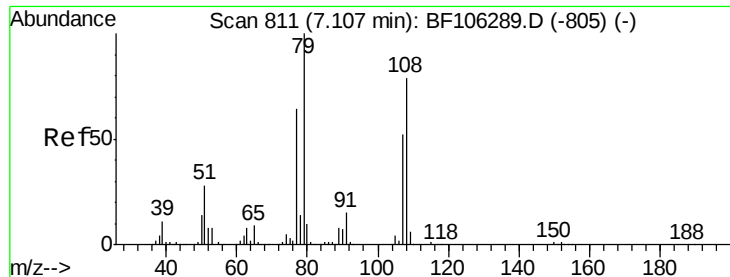
Sohil
 6/12/2018 12:58:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.091 ng
 RT: 7.14 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
111	45.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.595 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

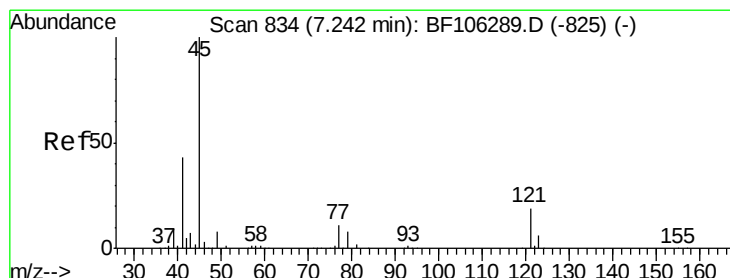
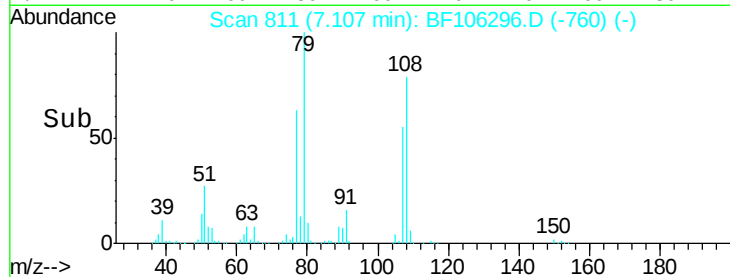
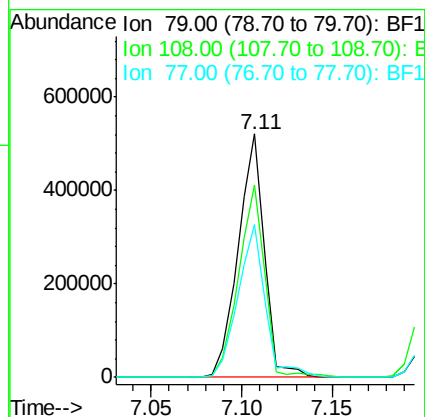
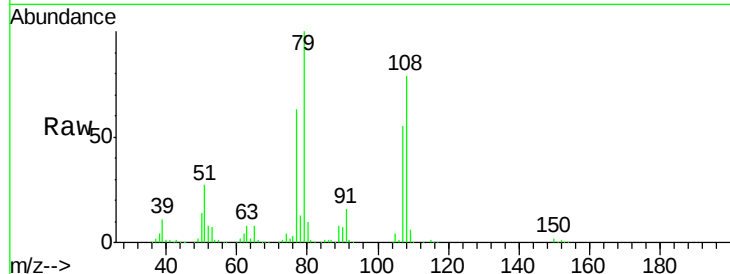
ClientSampleId :

PB110108BS

Tot Ion:	79	Resp:	520817
Ion Ratio	Lower	Upper	
79	100		
108	79.1	65.1	97.7
77	62.5	50.6	75.8

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.865 ng

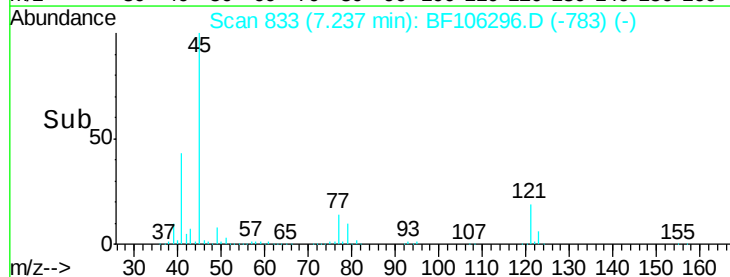
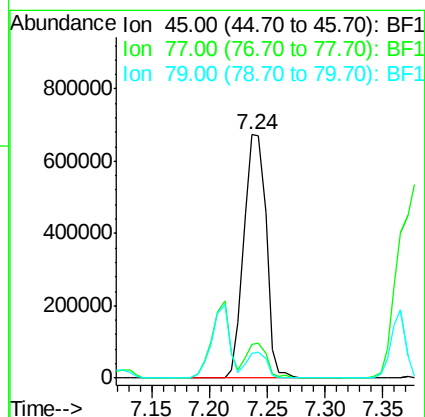
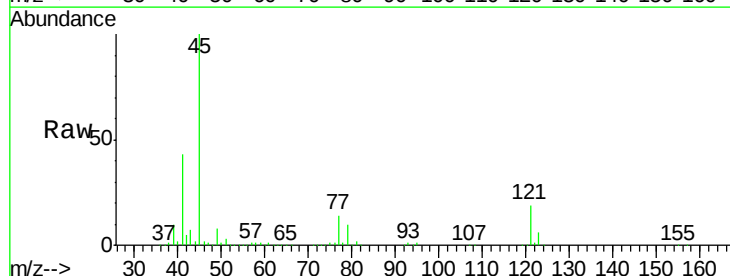
RT: 7.24 min Scan# 833

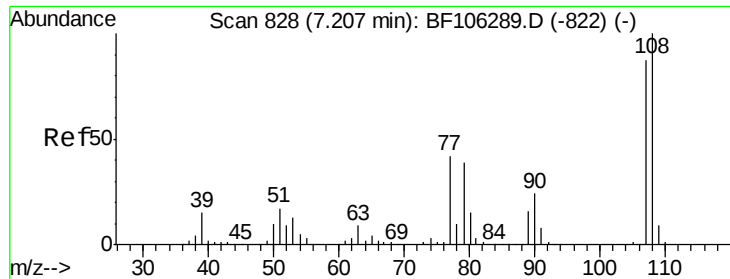
Delta R.T. -0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Tgt Ion:	45	Resp:	900415
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	32.9
79	10.3	0.0	29.6





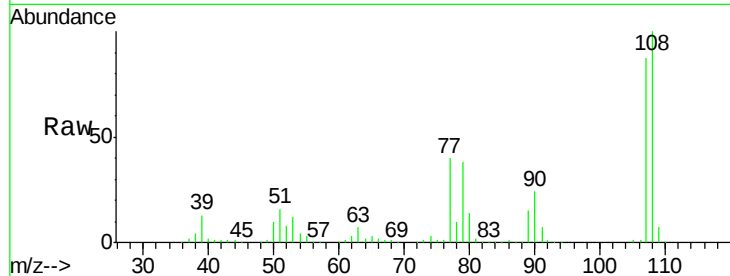
#17
2-Methylphenol
Concen: 42.241 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

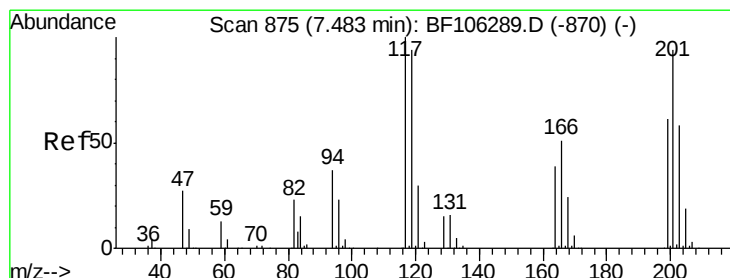
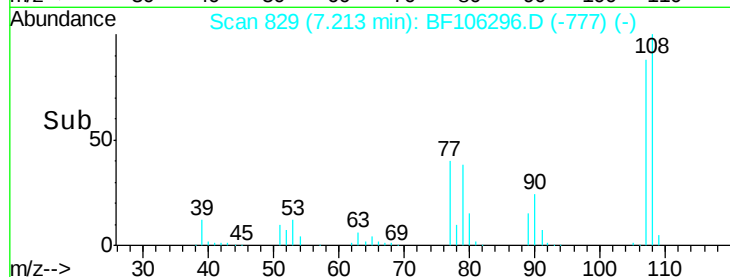
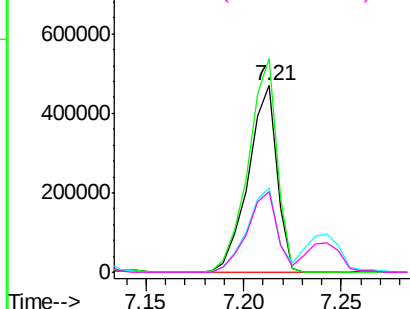
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.7	137.5	
77	45.2	33.8	50.8	
79	42.9	33.8	50.8	

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM



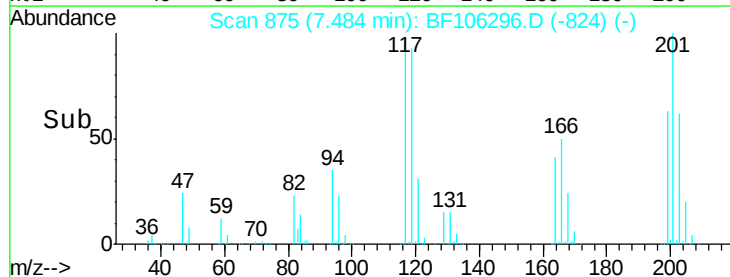
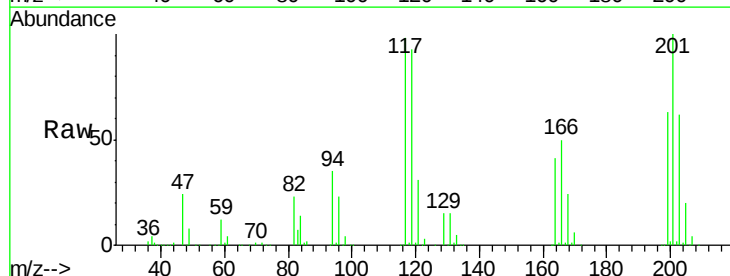
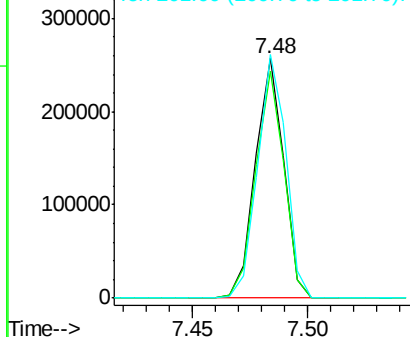
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

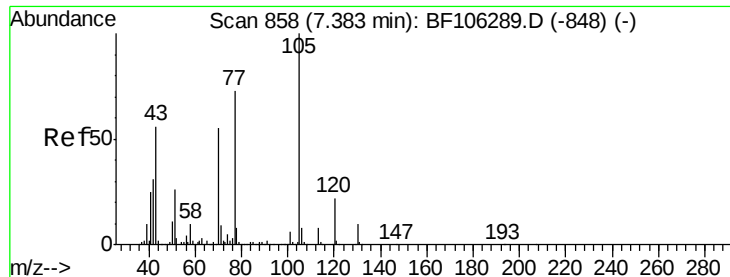


#18
Hexachloroethane
Concen: 40.557 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.8	113.8	
201	101.7	75.7	113.5	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





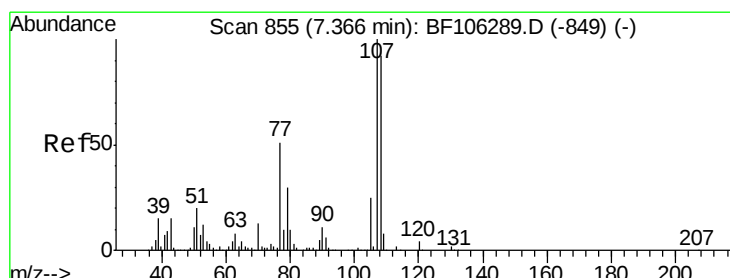
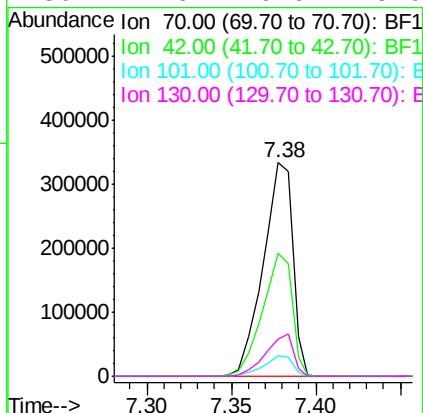
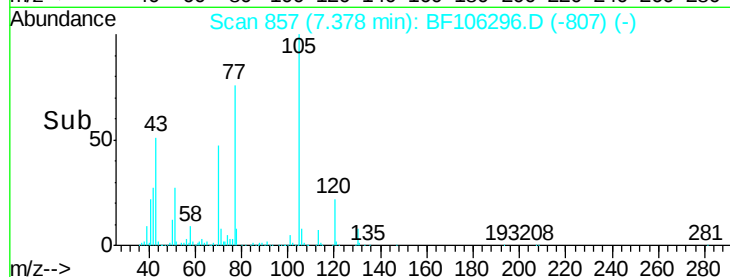
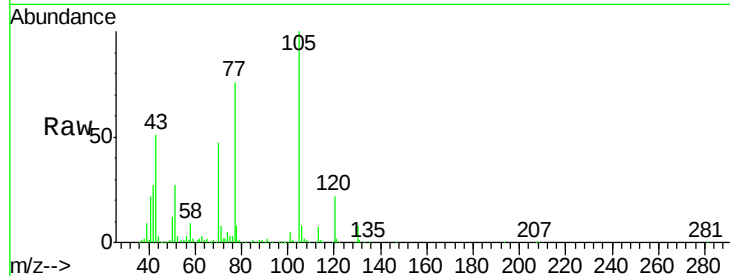
#19
n-Nitroso-di-n-propylamine
Concen: 36.018 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	47.5	71.3	
101	9.9	7.4	11.2	
130	17.6	16.6	25.0	

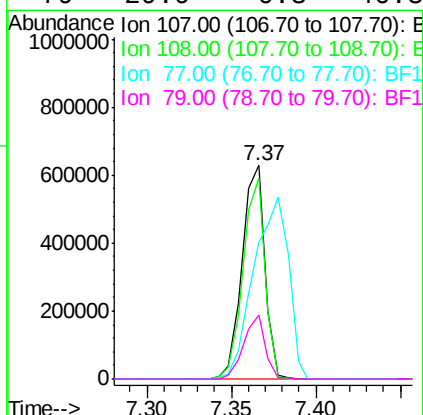
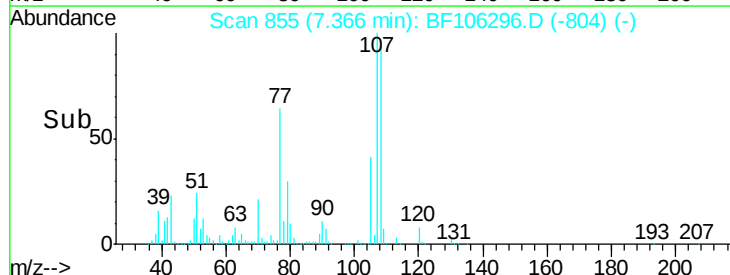
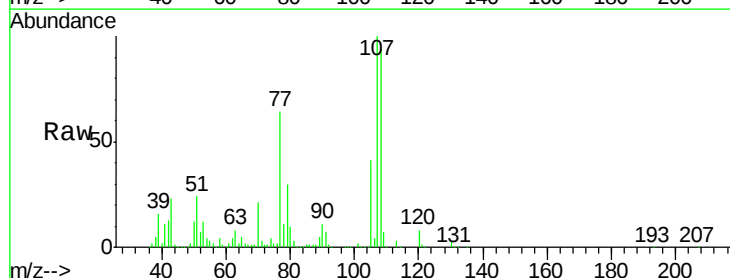
Manual Integrations
APPROVED

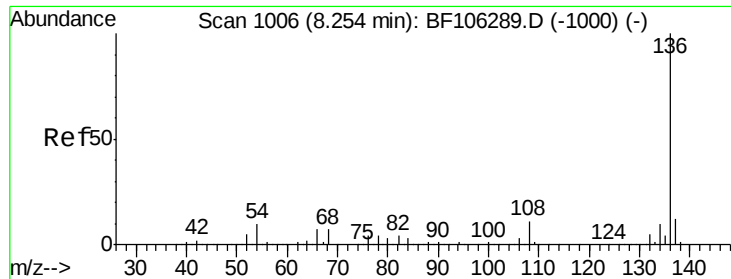
Sohil
6/12/2018 12:58:14 PM



#20
3+4-Methylphenols
Concen: 40.855 ng
RT: 7.37 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.1	68.2	108.2	
77	63.9	26.7	66.7	
79	29.9	6.3	46.3	





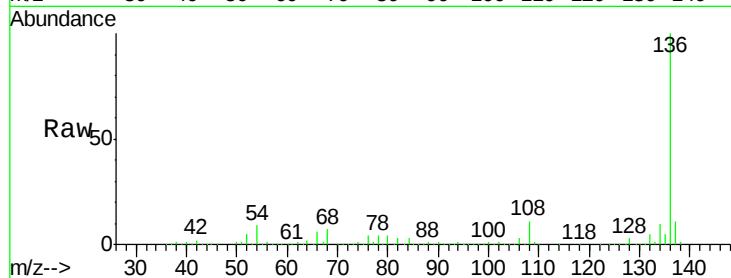
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4		8.9	13.3	
54	9.1		6.6	9.8	
68	6.8		5.0	7.4	

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM



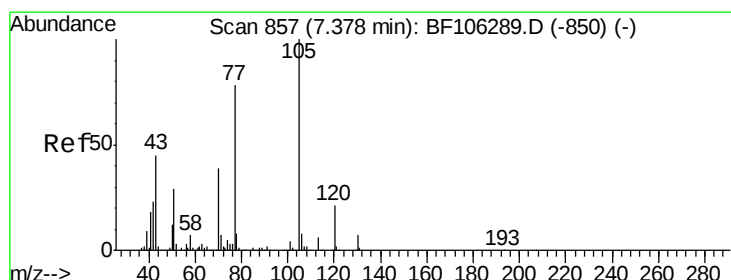
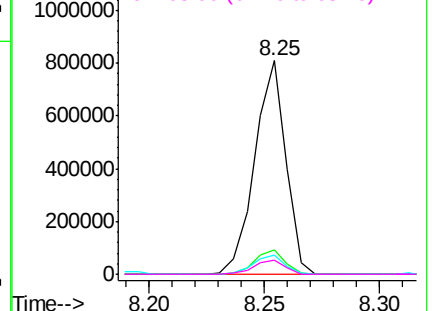
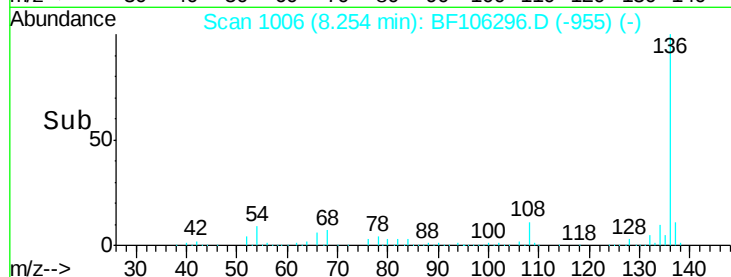
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

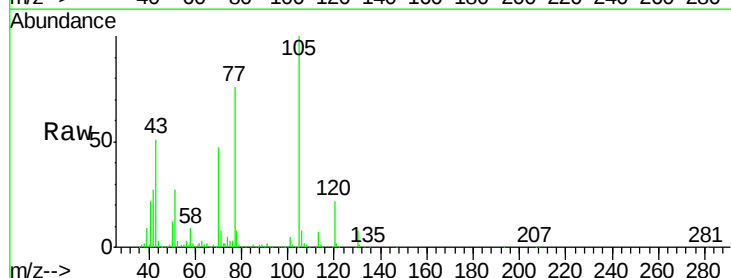
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.018 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.0		4.4	6.6#	
51	27.5		22.3	33.5	
120	21.9		16.9	25.3	



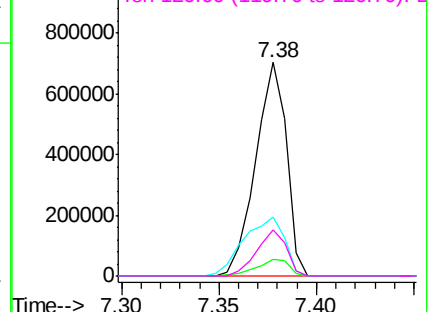
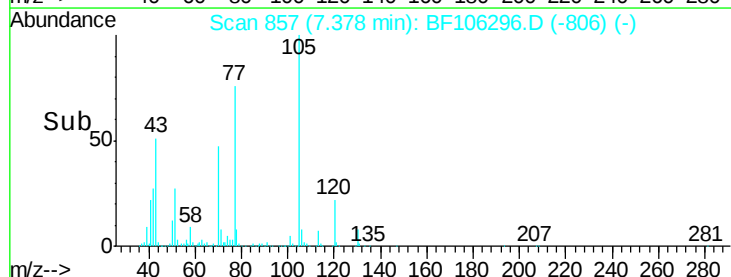
Abundance

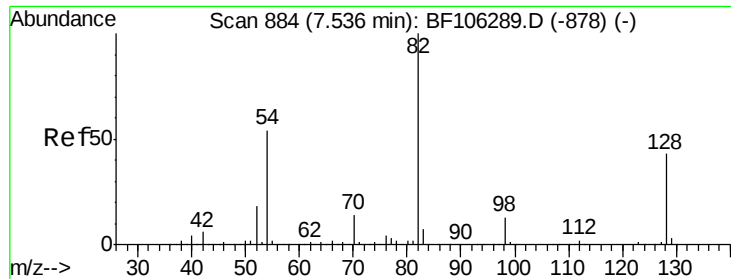
Ion 105.00 (104.70 to 105.70): E

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





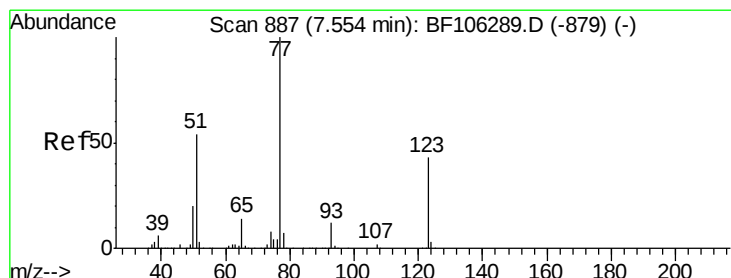
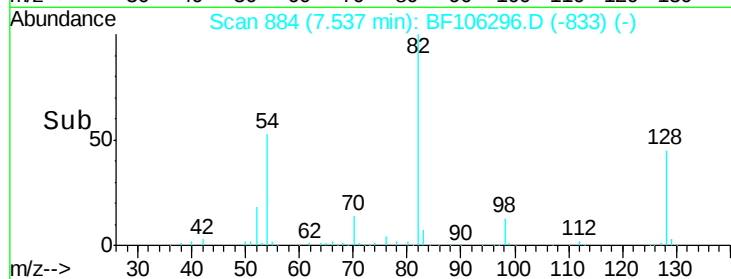
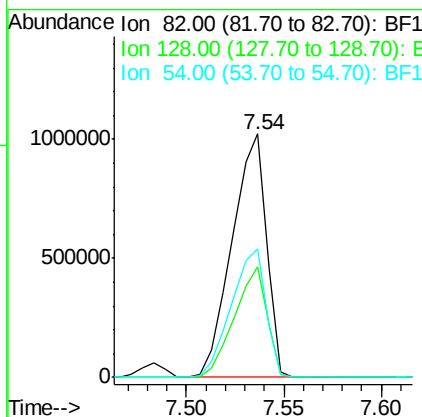
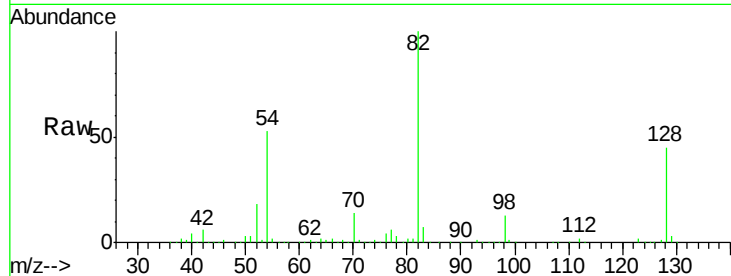
#23
 Nitrobenzene-d5
 Concen: 96.018 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	82	Resp	1244164
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	52.8	41.4	62.2

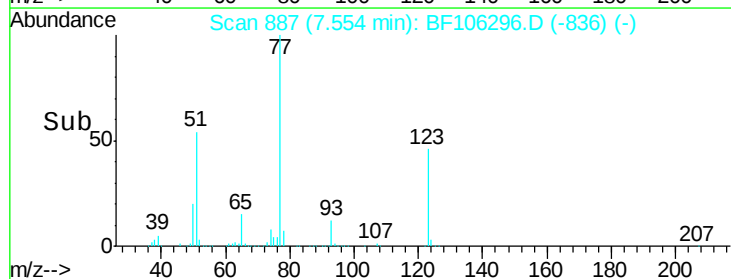
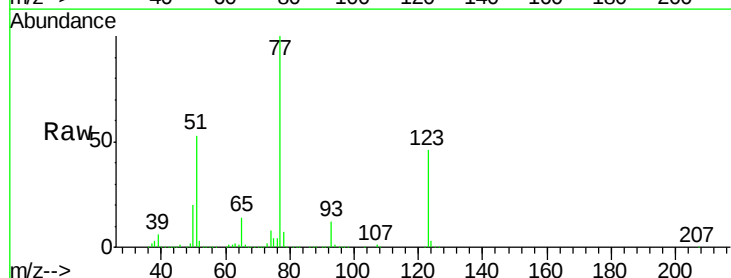
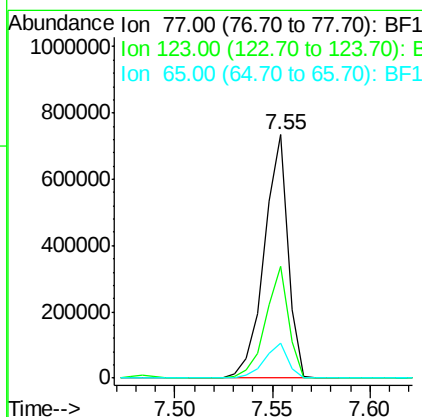
Manual Integrations
 APPROVED

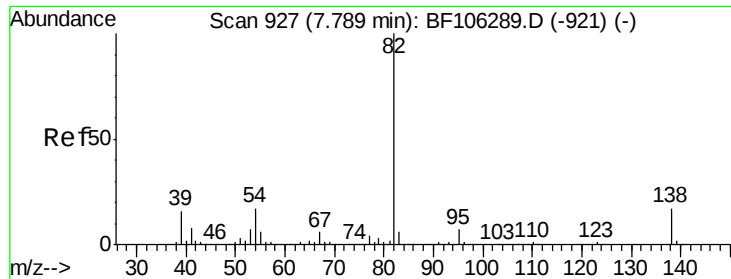
Sohil
 6/12/2018 12:58:14 PM



#24
 Nitrobenzene
 Concen: 43.999 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	77	Resp	619669
Ion Ratio	100	Lower	Upper
77	100		
123	46.1	37.9	56.9
65	14.4	11.0	16.4





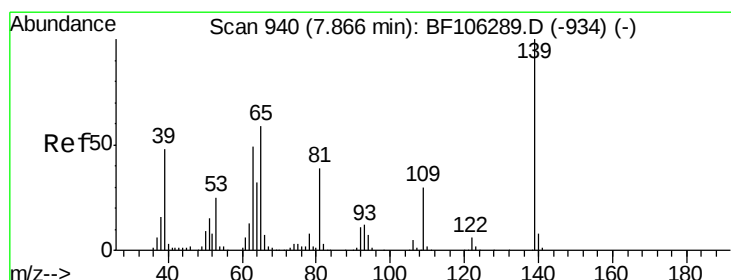
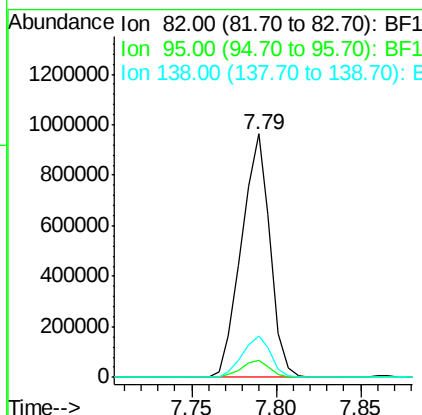
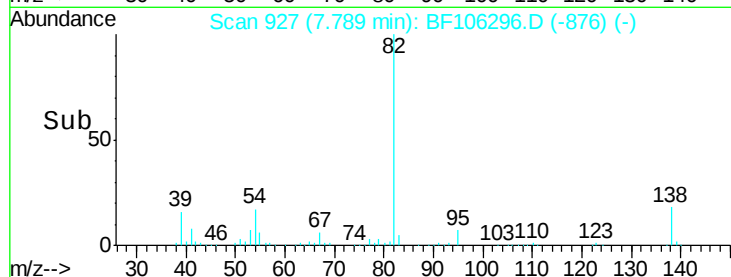
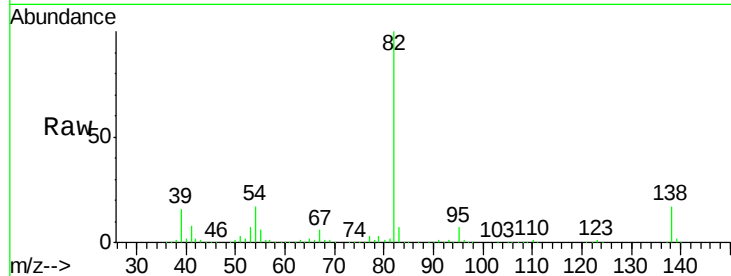
#25
Isophorone
Concen: 44.791 ng
RT: 7.79 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion: 82 Resp: 1133615
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 17.2 14.9 22.3

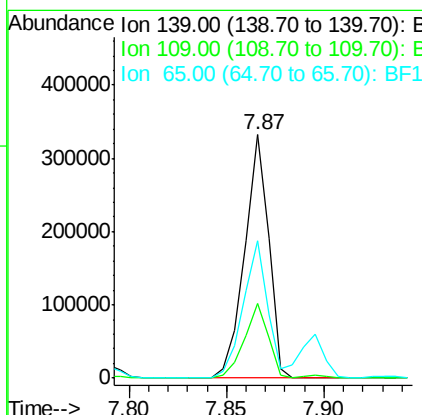
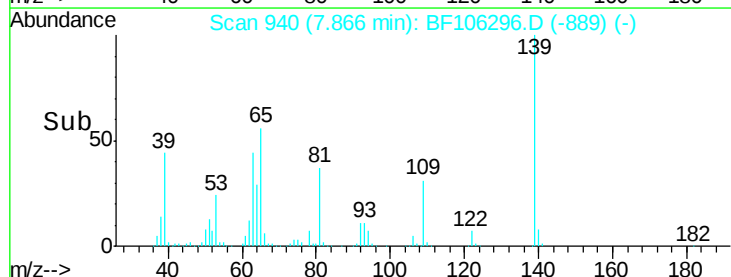
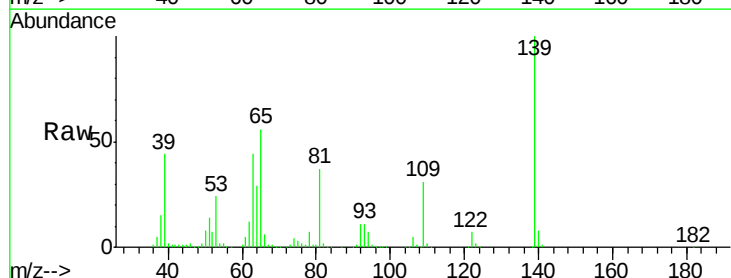
Manual Integrations
APPROVED

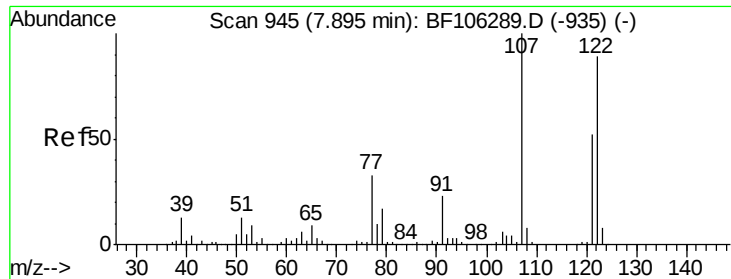
Sohil
6/12/2018 12:58:14 PM



#26
2-Nitrophenol
Concen: 51.798 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion: 139 Resp: 283153
Ion Ratio Lower Upper
139 100
109 30.9 22.7 34.1
65 56.3 40.5 60.7





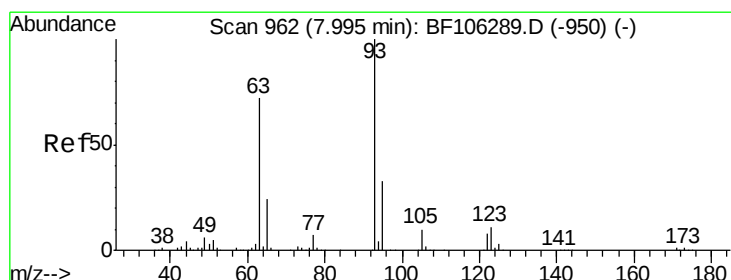
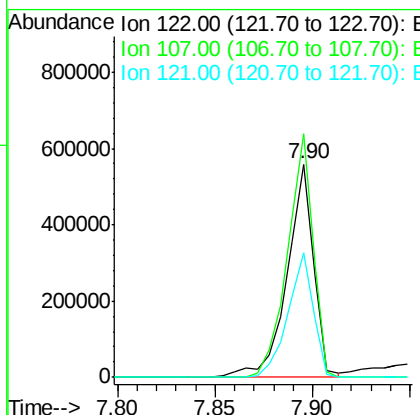
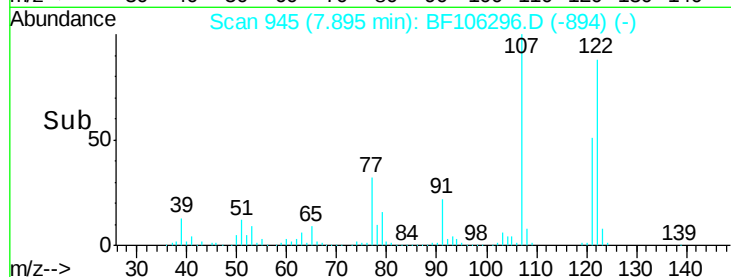
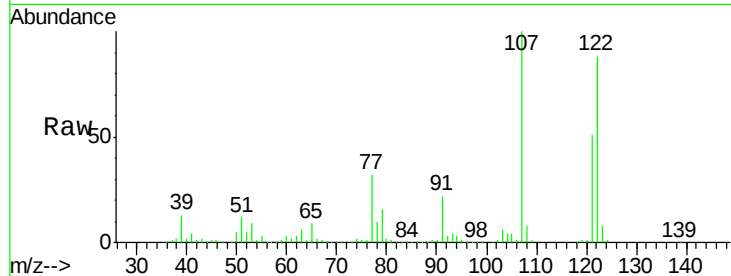
#27
2,4-Dimethylphenol
Concen: 49.091 ng
RT: 7.90 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.2	136.8
121	58.6	47.2	70.8

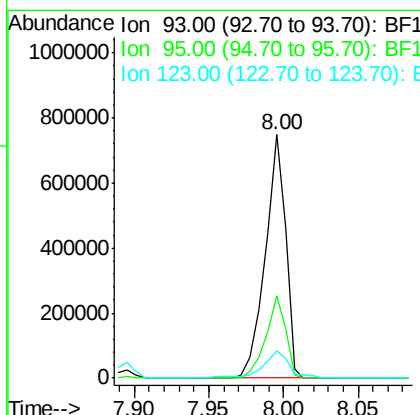
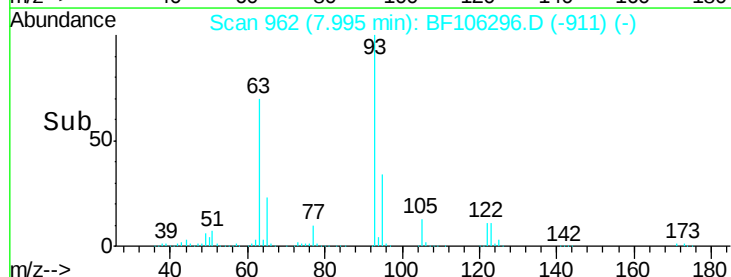
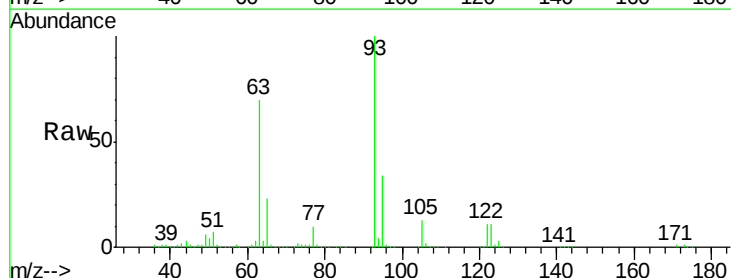
Manual Integrations
APPROVED

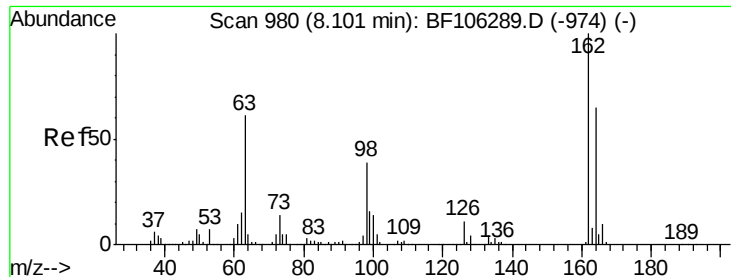
Sohil
6/12/2018 12:58:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.491 ng
RT: 8.00 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.3	39.5
123	11.5	9.8	14.6





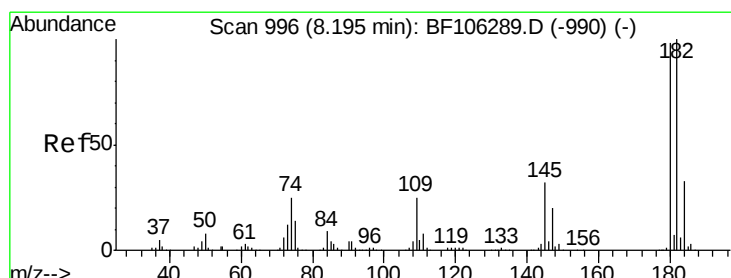
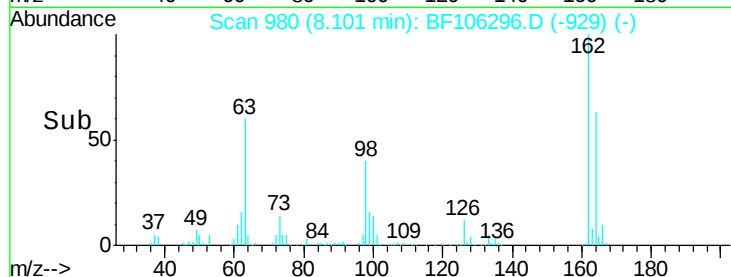
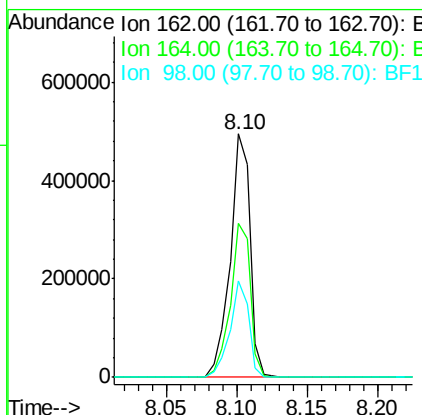
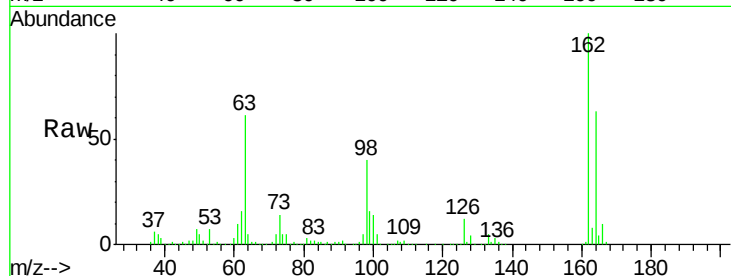
#29
2,4-Dichlorophenol
Concen: 46.737 ng
RT: 8.10 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	483105		
164	63.0		42.7	82.7
98	39.7		18.1	58.1

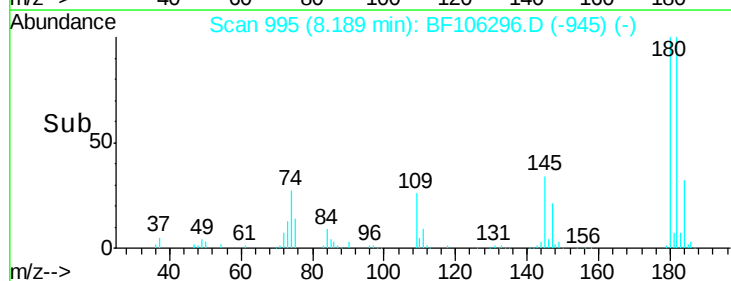
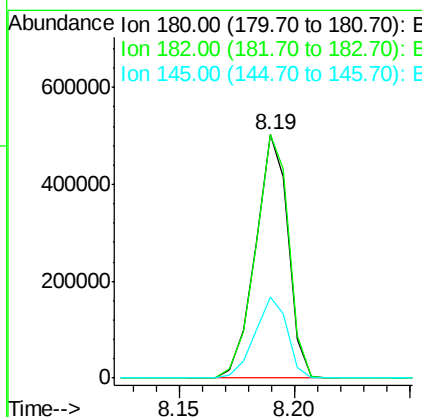
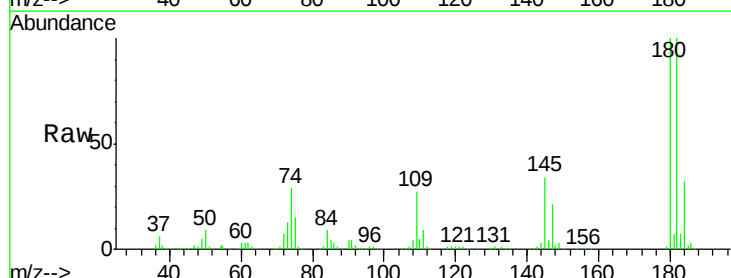
Manual Integrations
APPROVED

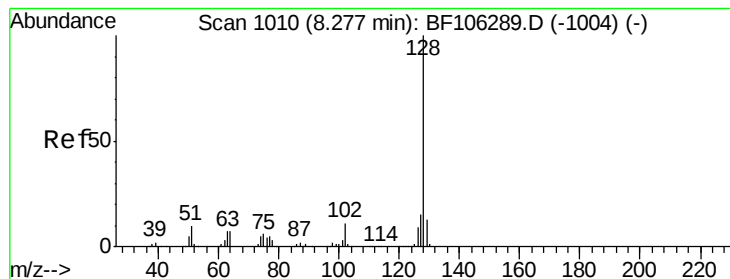
Sohil
6/12/2018 12:58:14 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.526 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	492878		
182	100.1		76.8	115.2
145	33.5		26.5	39.7





#31

Naphthalene

Concen: 41.700 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110108BS

Tot Ion:128 Resp: 1436946

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

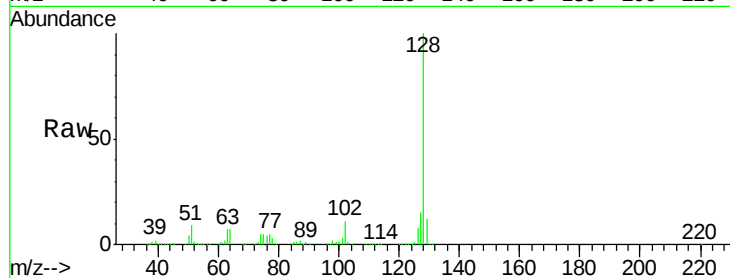
127 15.0 10.9 16.3

Manual Integrations

APPROVED

Sohil

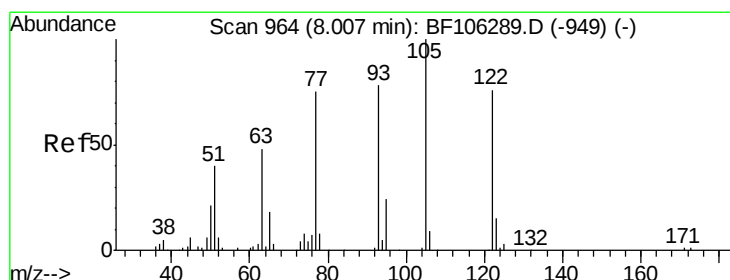
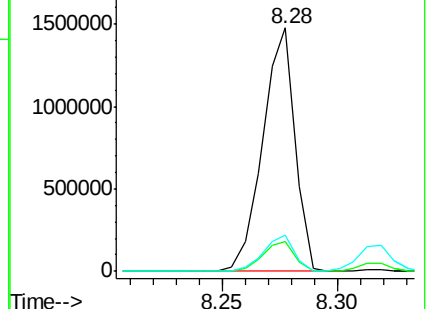
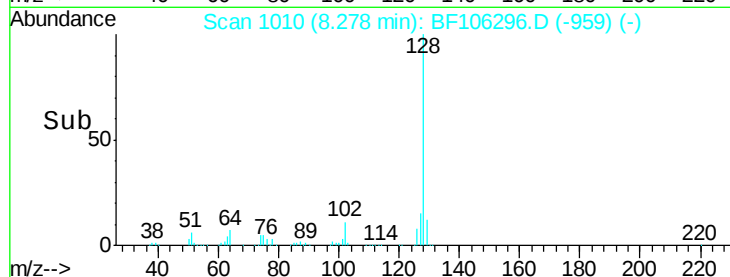
6/12/2018 12:58:14 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.835 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

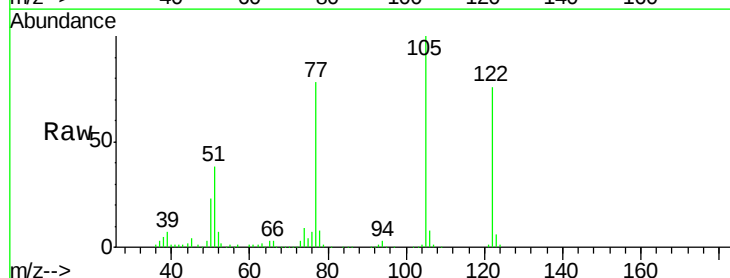
Tgt Ion:122 Resp: 368473

Ion Ratio Lower Upper

122 100

105 132.2 101.1 141.1

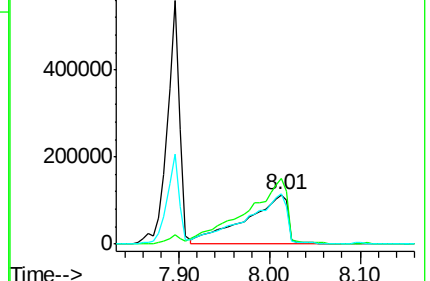
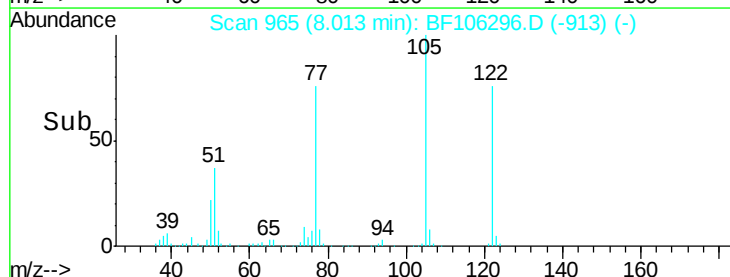
77 102.6 70.7 110.7

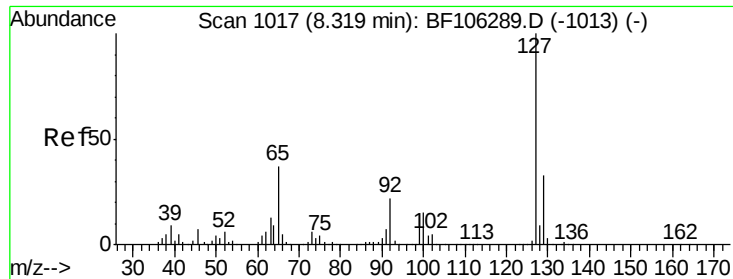


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





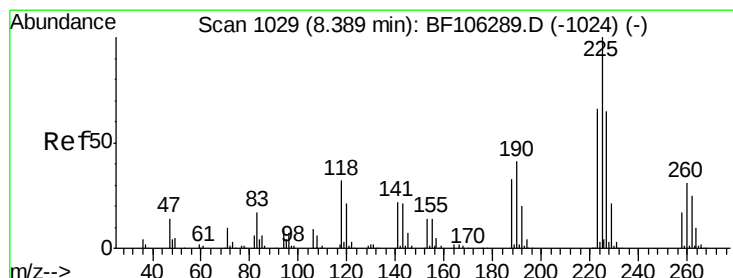
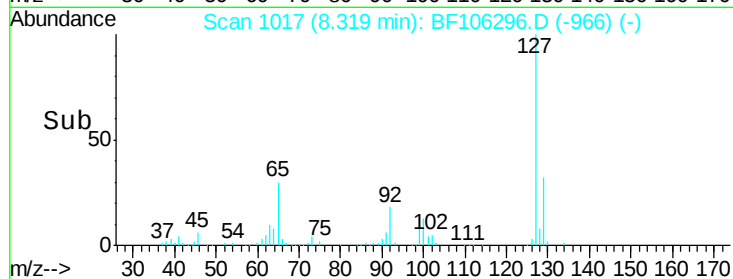
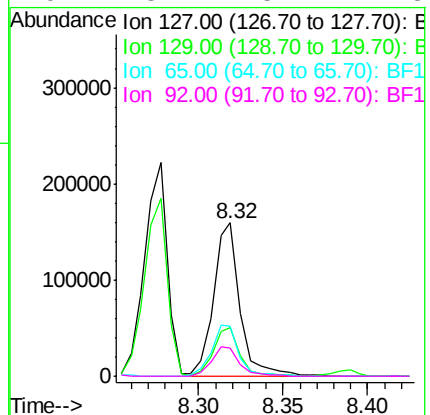
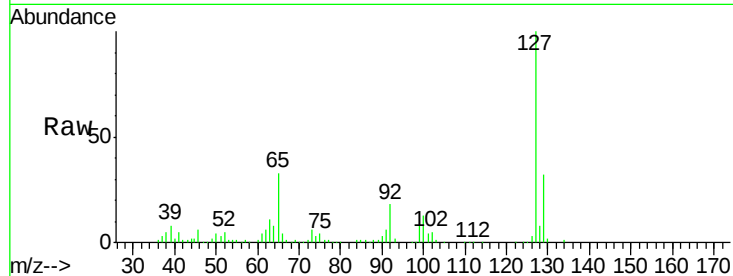
#33
4-Chloroaniline
Concen: 11.362 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		173501		
129	31.9	25.9	38.9		
65	32.5	25.0	37.4		
92	18.2	15.2	22.8		

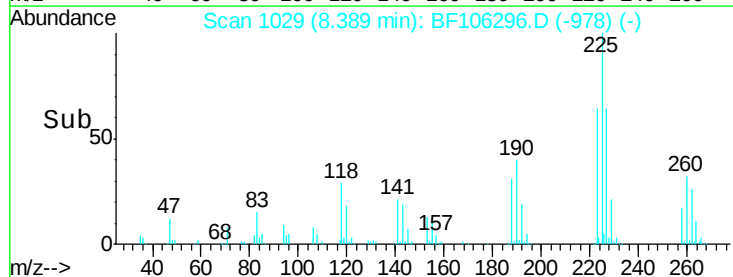
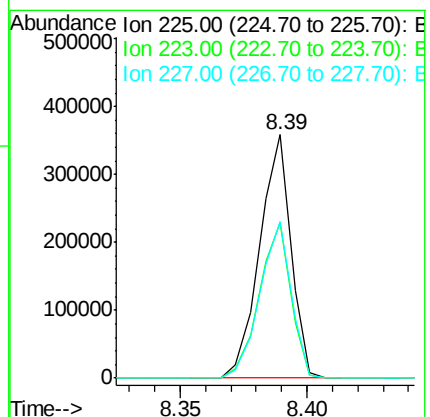
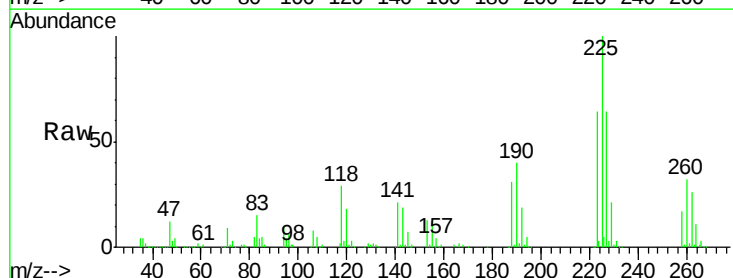
Manual Integrations
APPROVED

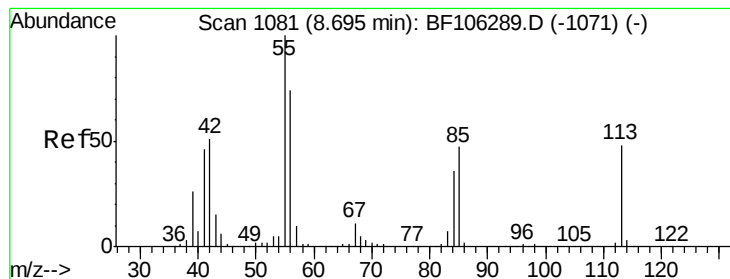
Sohil
6/12/2018 12:58:14 PM



#34
Hexachlorobutadiene
Concen: 41.676 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		310320		
223	63.9	50.6	76.0		
227	64.5	51.9	77.9		





#35

Caprolactam

Concen: 44.366 ng/ml

RT: 8.69 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

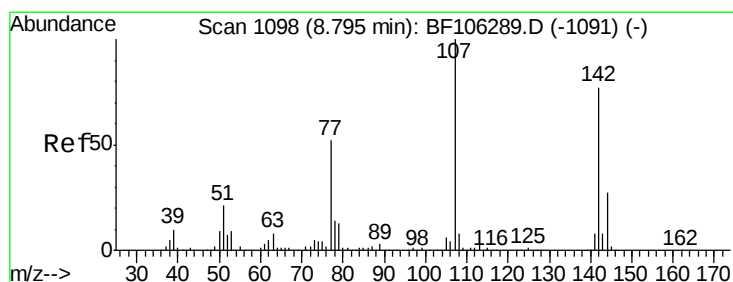
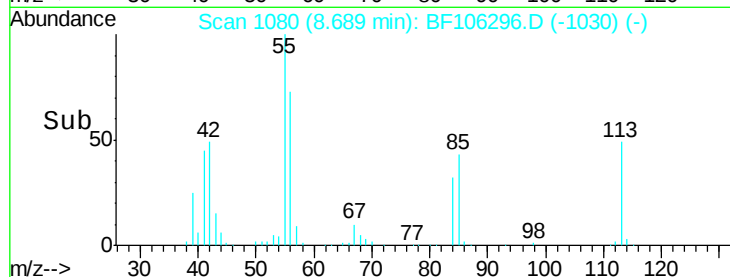
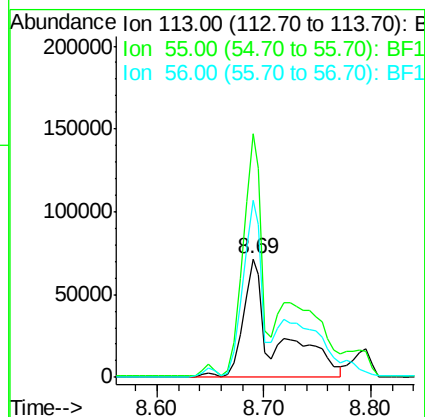
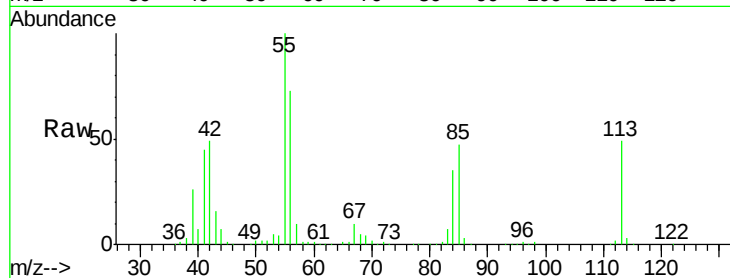
ClientSampleId :

PB110108BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.9	163.3	203.3#
56	149.7	115.7	155.7

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM



#36

4-Chloro-3-methylphenol

Concen: 45.436 ng/ml

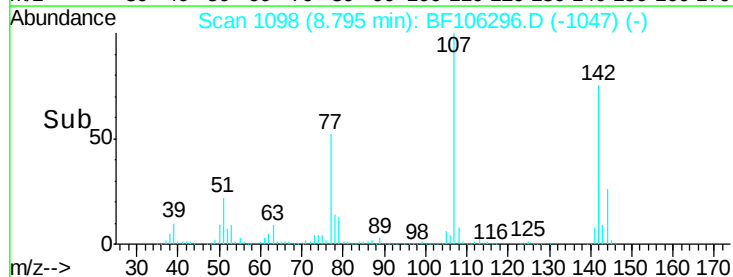
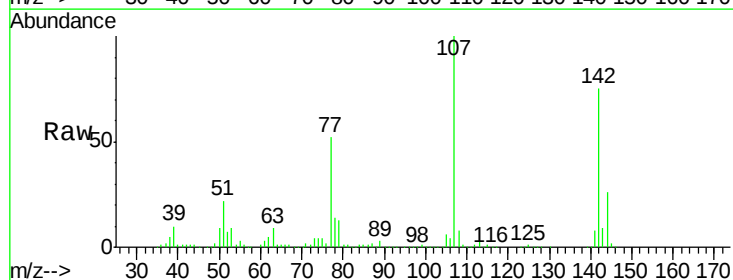
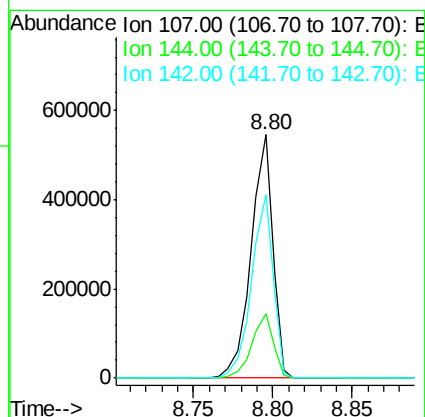
RT: 8.80 min Scan# 1098

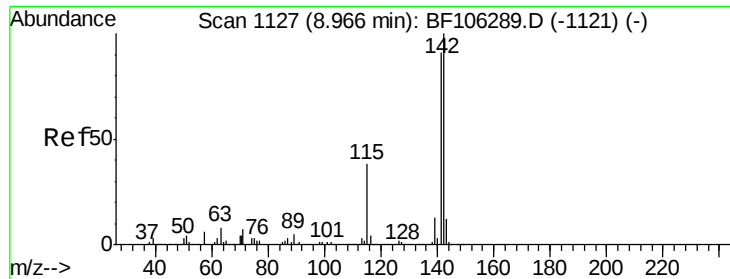
Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	75.3	62.0	93.0





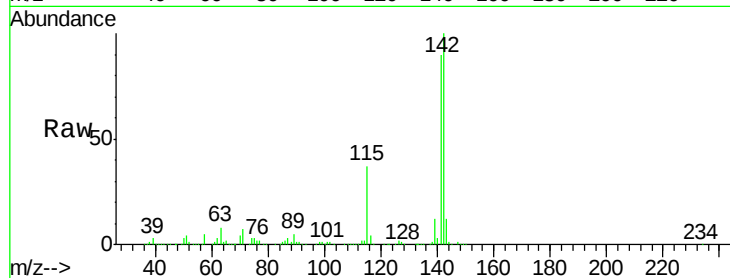
#37
2-Methylnaphthalene
Concen: 44.117 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	36.6	26.1	39.1

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM

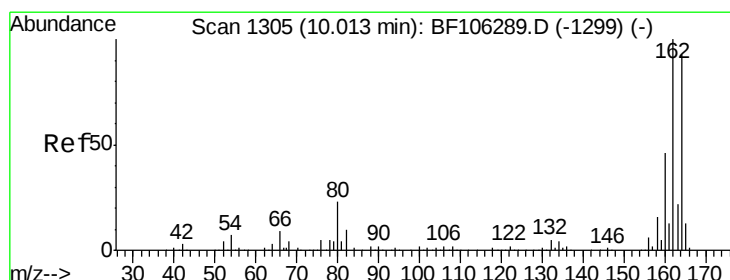
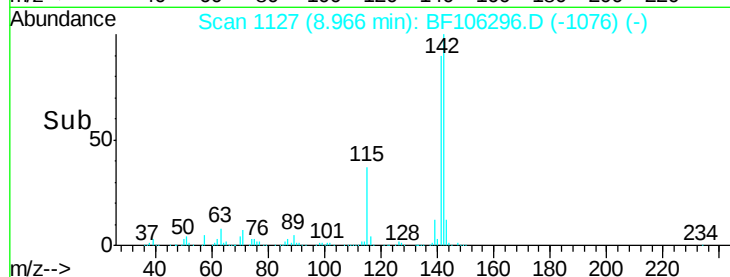
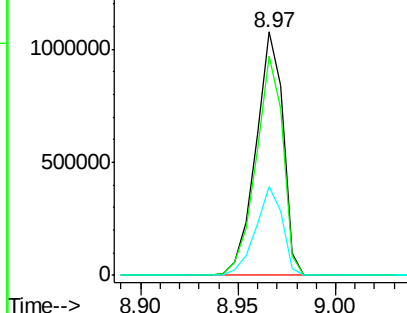


Abundance

Ion 142.00 (141.70 to 142.70): E

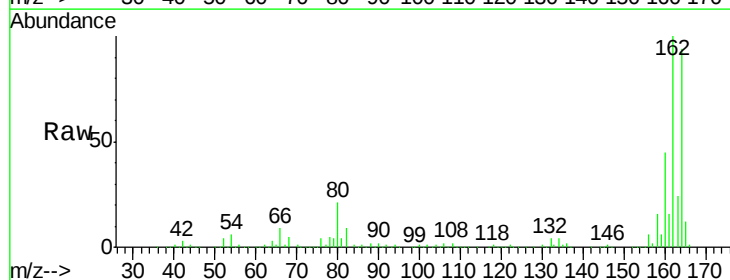
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	48.2	38.3	57.5

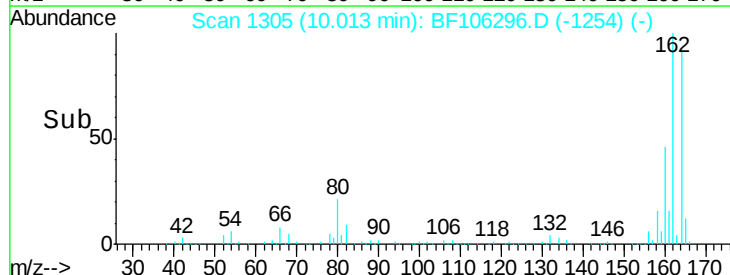
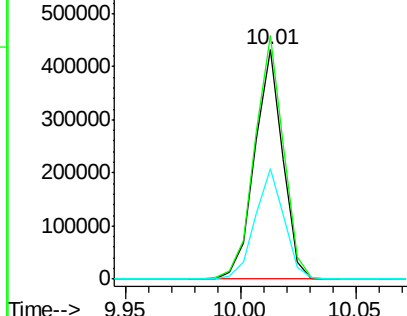


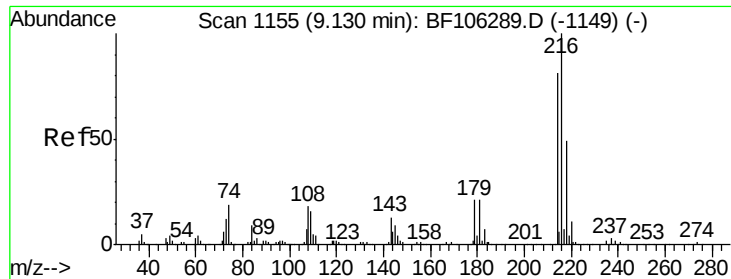
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





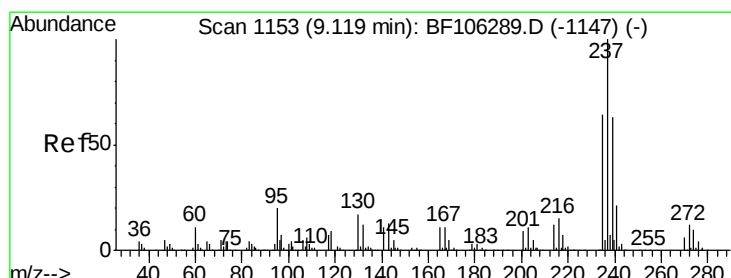
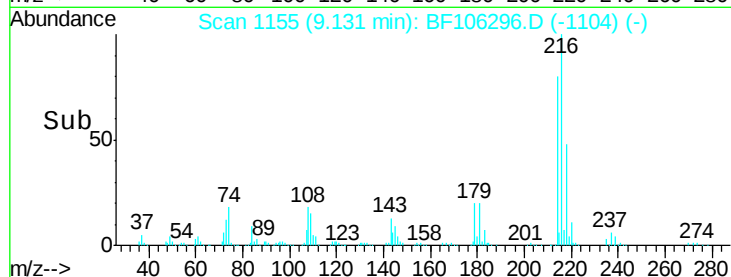
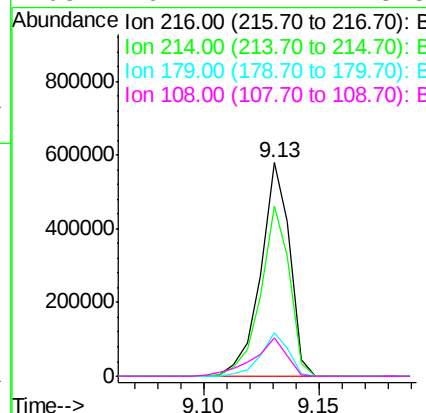
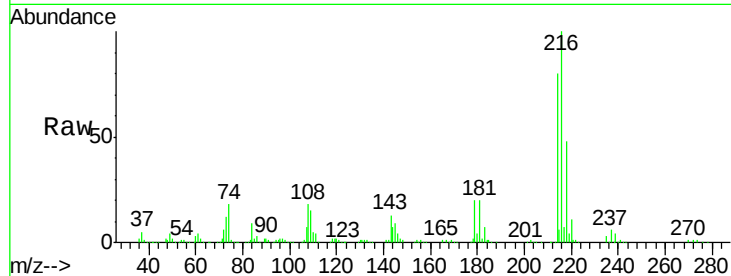
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.791 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	508987		
214	79.0	63.0	94.4	
179	19.8	18.1	27.1	
108	20.7	17.2	25.8	

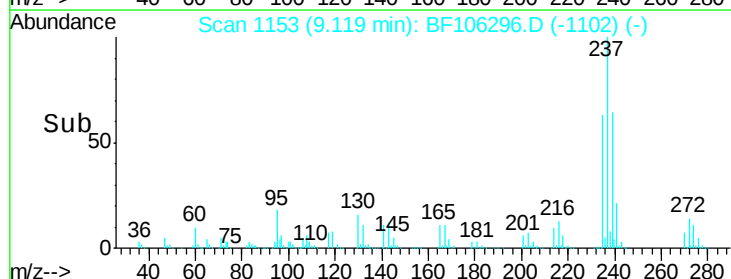
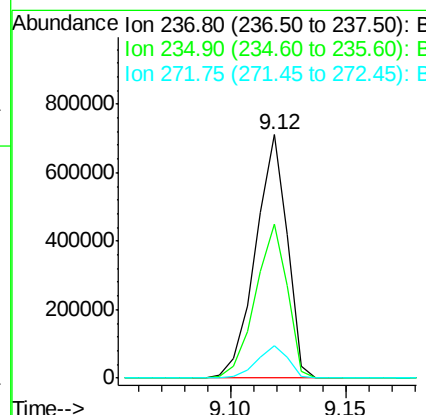
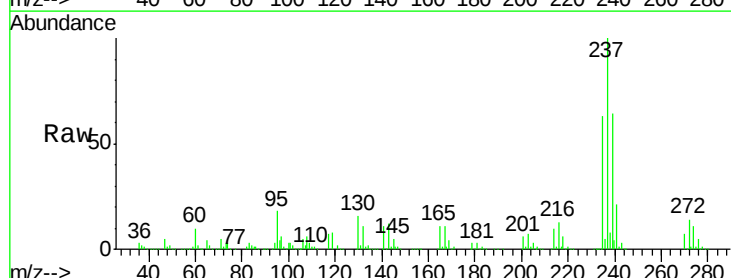
Manual Integrations
 APPROVED

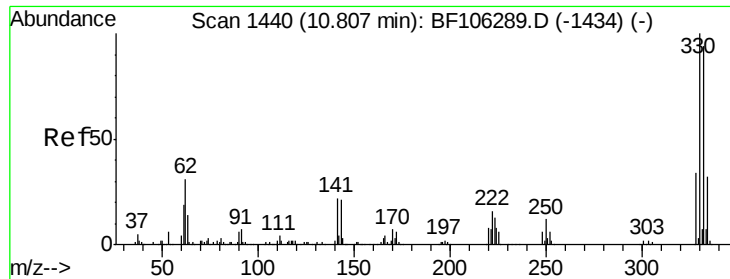
Sohil
 6/12/2018 12:58:14 PM



#40
 Hexachlorocyclopentadiene
 Concen: 103.697 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	680532		
235	63.2	44.8	84.8	
272	13.6	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 162.433 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

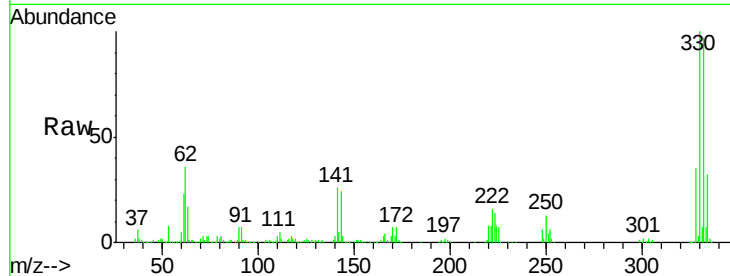
ClientSampleId :

PB110108BS

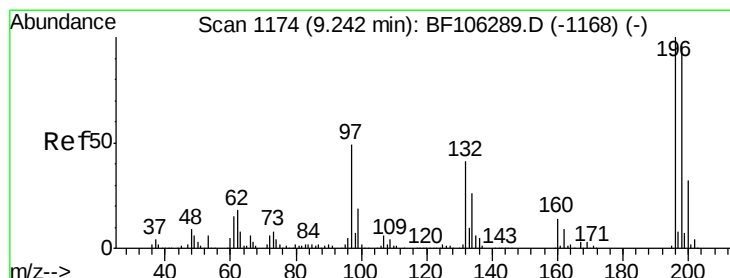
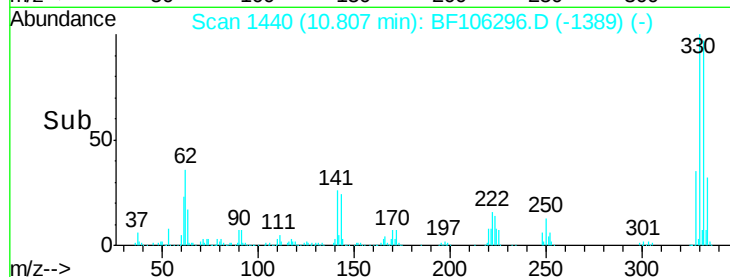
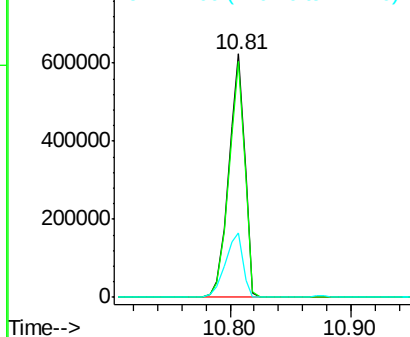
Tot Ion:	330	Resp:	572661
Ion Ratio		Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.7	29.9	44.9#

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 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: 48.168 ng

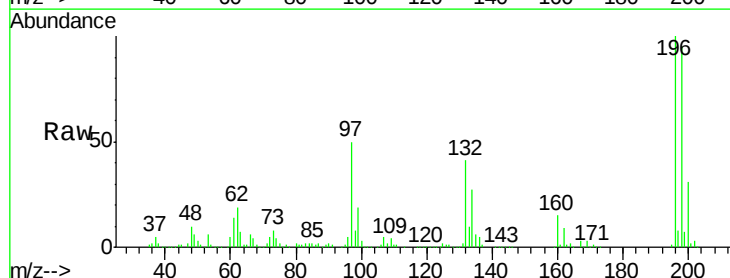
RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

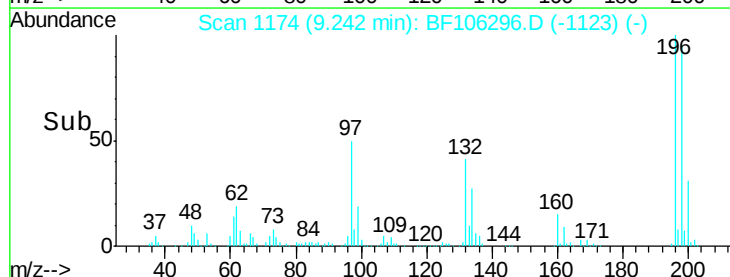
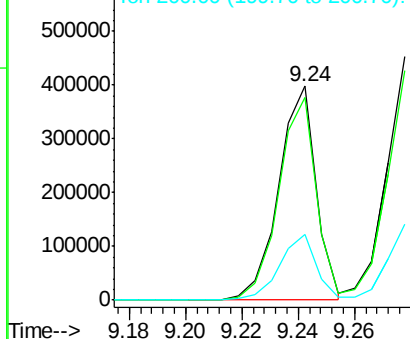
Lab File: BF106296.D

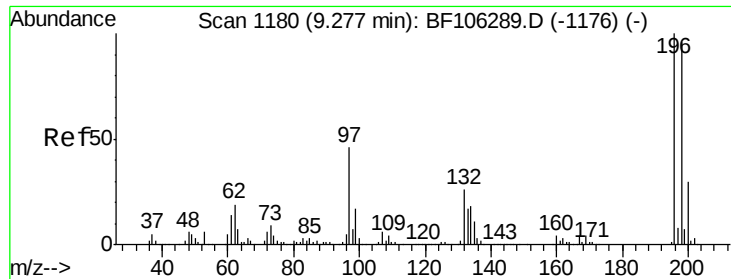
Acq: 11 Jun 2018 16:02

Tgt Ion:	196	Resp:	365126
Ion Ratio		Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.7	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





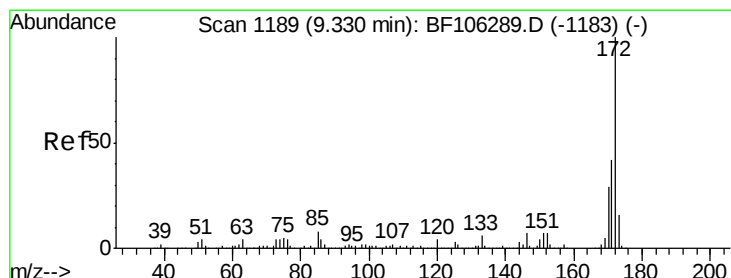
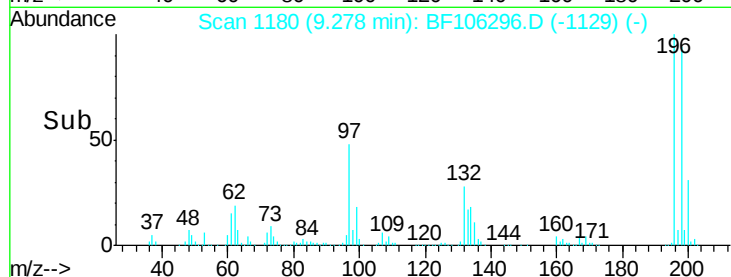
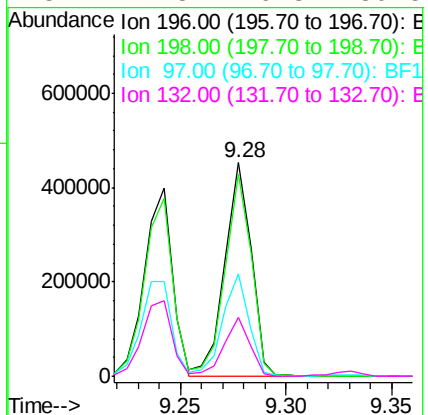
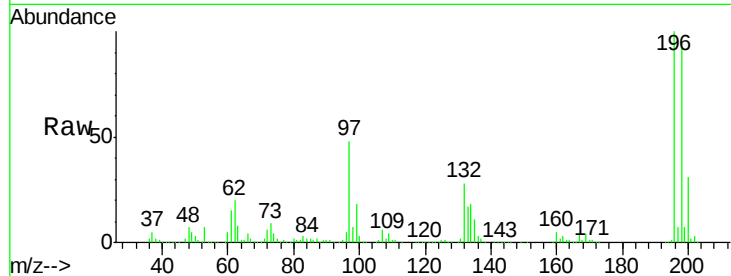
#43
 2,4,5-Trichlorophenol
 Concen: 47.657 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		389442		
198	94.4	74.6	112.0		
97	47.7	42.9	64.3		
132	27.8	26.3	39.5		

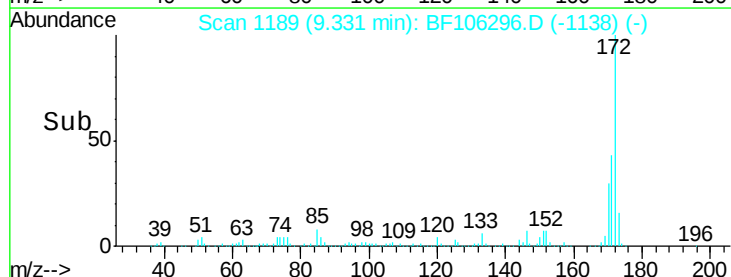
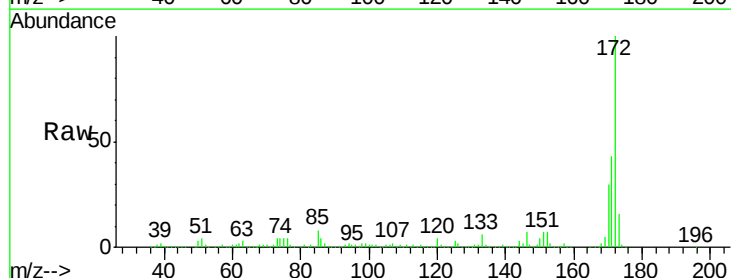
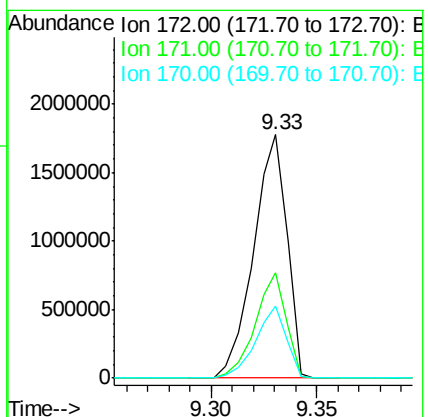
Manual Integrations
 APPROVED

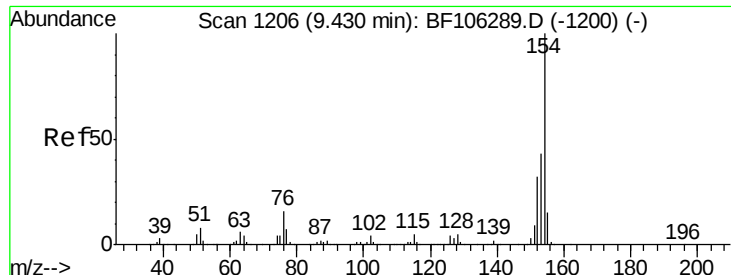
Sohil
 6/12/2018 12:58:14 PM



#44
 2-Fluorobiphenyl
 Concen: 99.375 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1946034		
171	43.4	29.7	44.5		
170	29.8	19.6	29.4#		





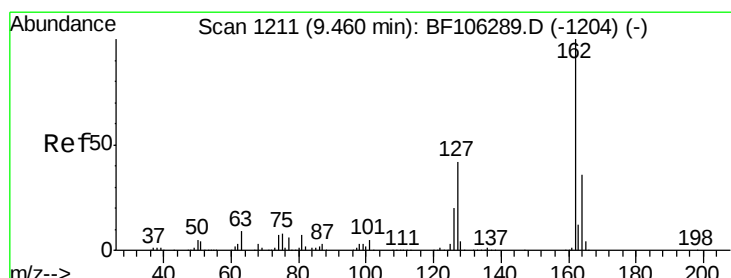
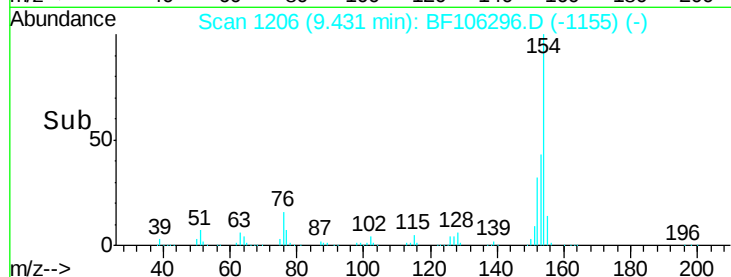
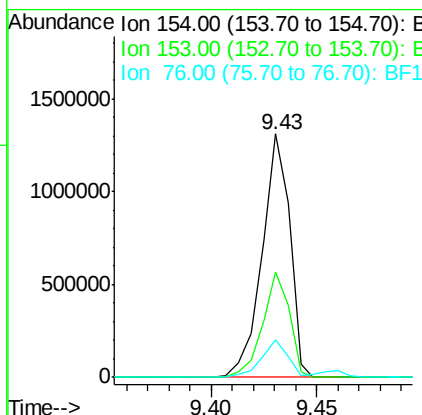
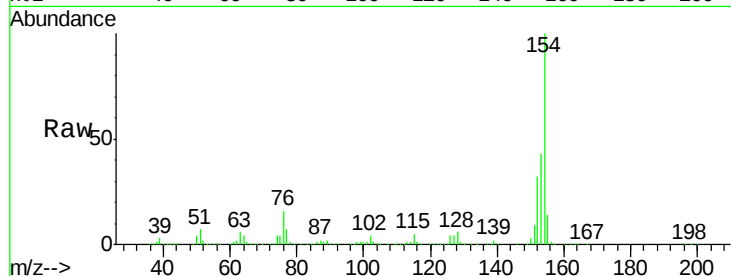
#45
1,1'-Biphenyl
Concen: 42.157 ng
RT: 9.43 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.3	61.3
76	15.7	0.0	34.0

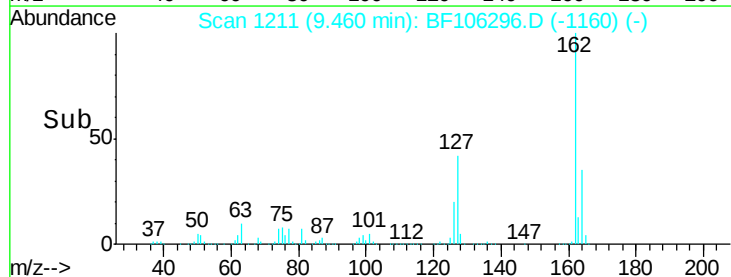
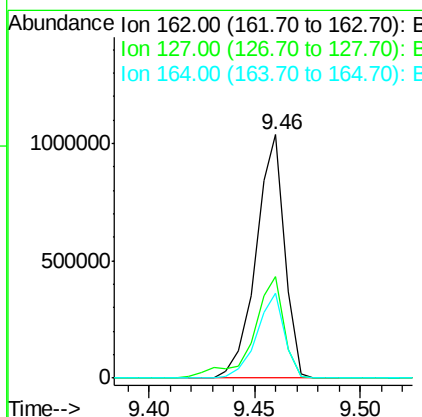
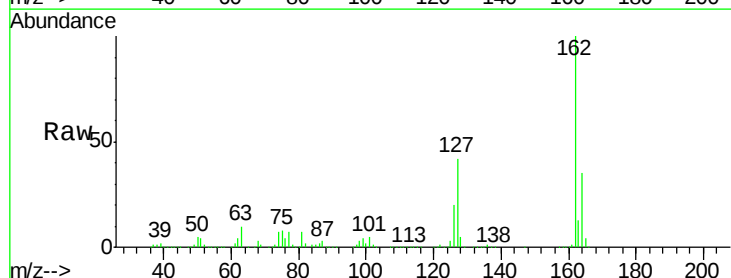
Manual Integrations
APPROVED

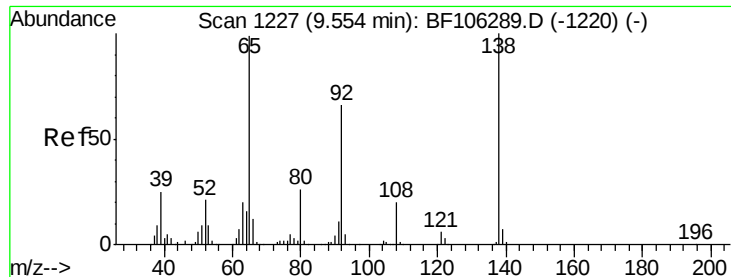
Sohil
6/12/2018 12:58:14 PM



#46
2-Chloronaphthalene
Concen: 42.976 ng
RT: 9.46 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	35.0	26.5	39.7





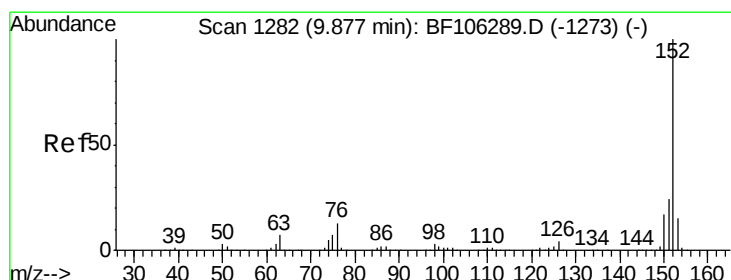
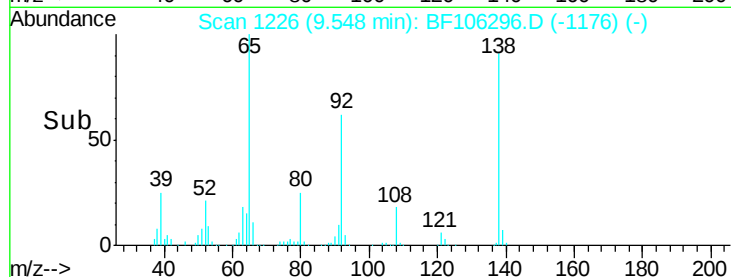
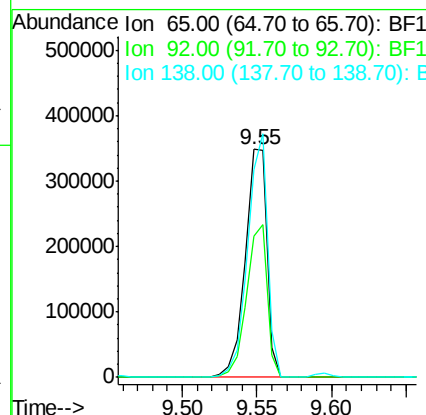
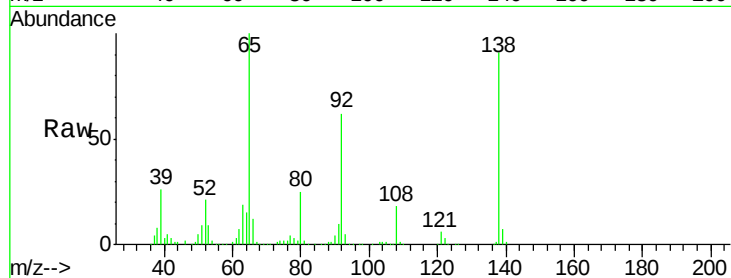
#47
2-Nitroaniline
Concen: 49.282 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	352105		
92	62.1	55.8	83.6	
138	91.3	91.2	136.8	

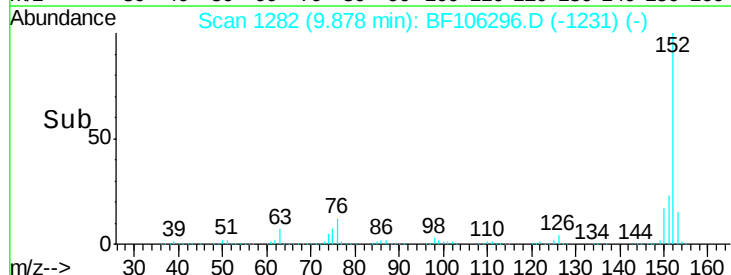
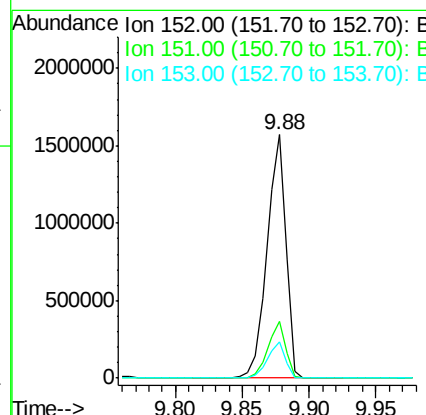
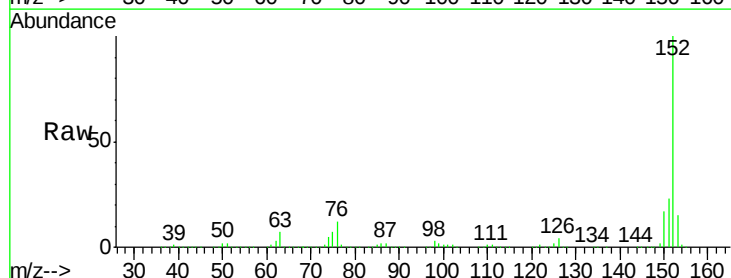
Manual Integrations
APPROVED

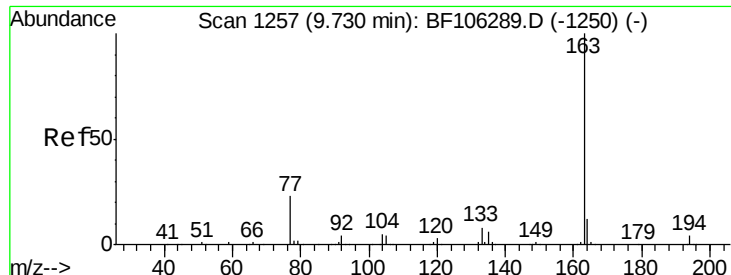
Sohil
6/12/2018 12:58:14 PM



#48
Acenaphthylene
Concen: 43.695 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1518987		
151	23.2	16.3	24.5	
153	15.1	10.7	16.1	





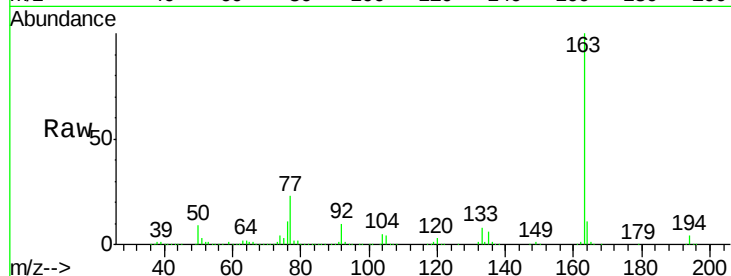
#49
Dimethylphthalate
Concen: 42.623 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

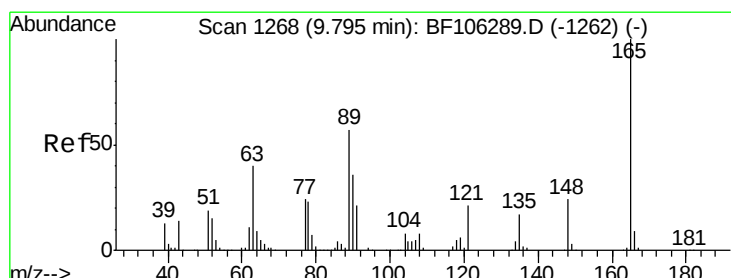
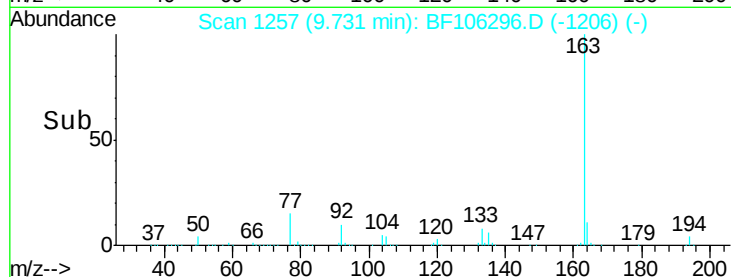
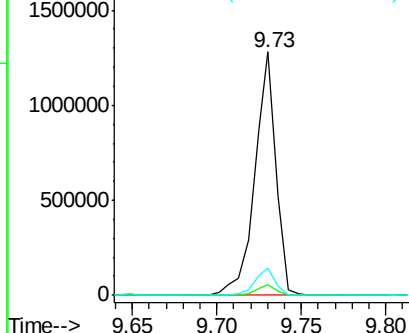
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	11.2	8.2	12.2

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM



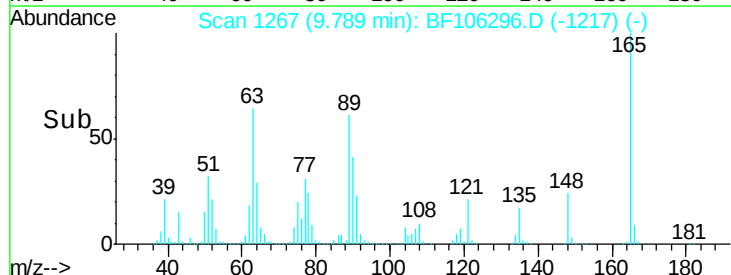
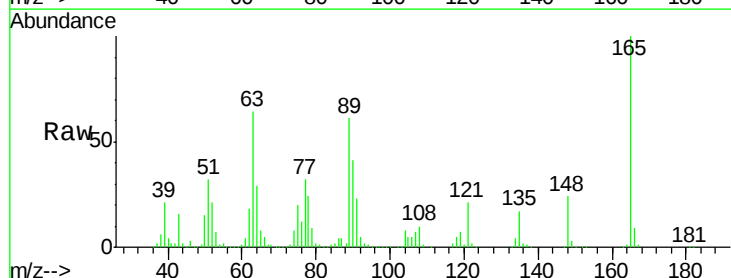
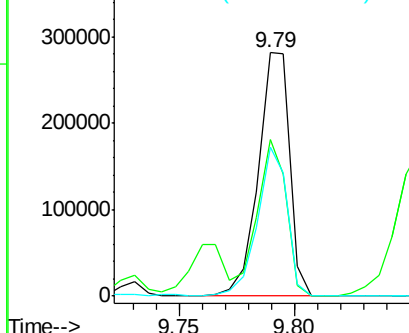
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

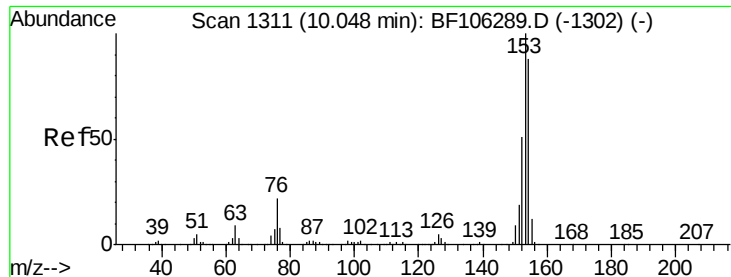


#50
2,6-Dinitrotoluene
Concen: 50.042 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.3	44.7	67.1
89	61.1	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 46.866 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110108BS

Tot Ion:154 Resp: 1052172

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

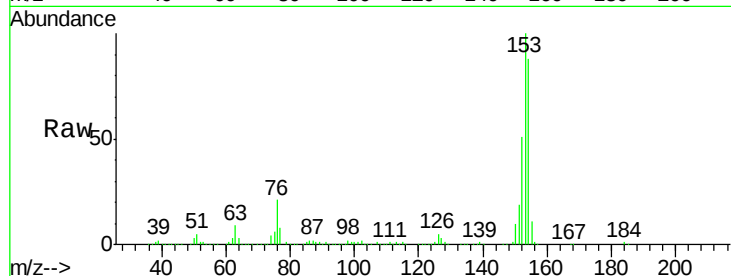
152 57.2 43.8 65.8

Manual Integrations

APPROVED

Sohil

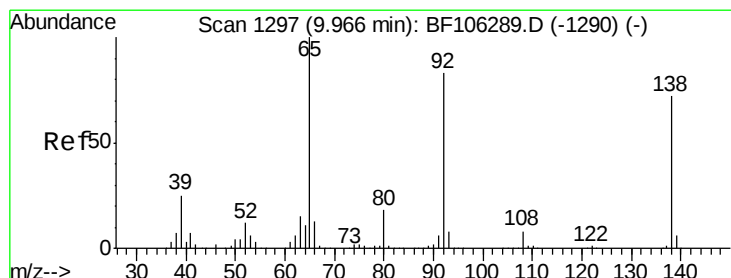
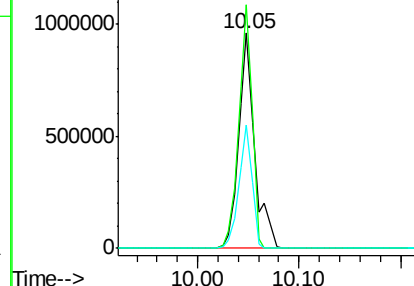
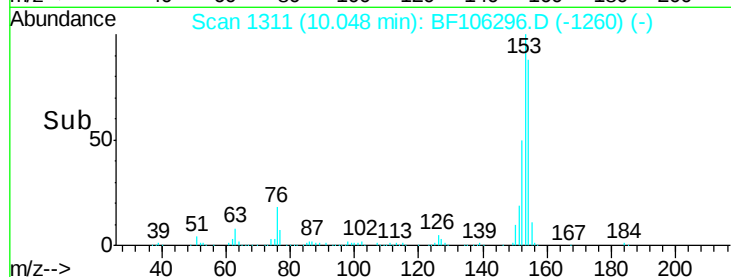
6/12/2018 12:58:14 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.249 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

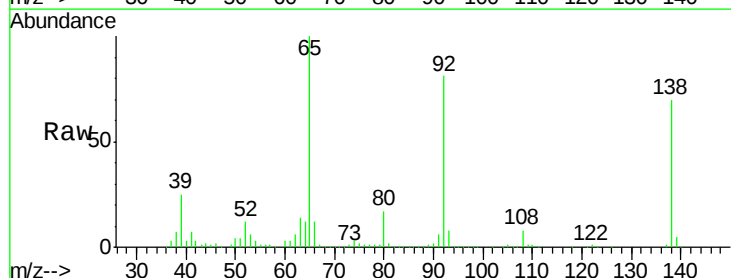
Tgt Ion:138 Resp: 166593

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

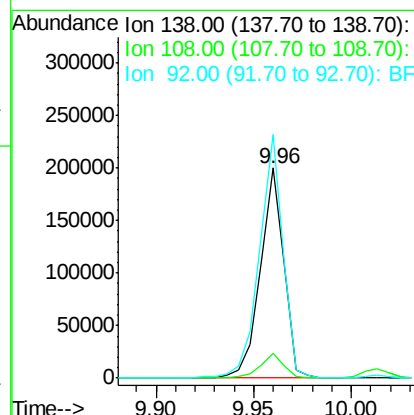
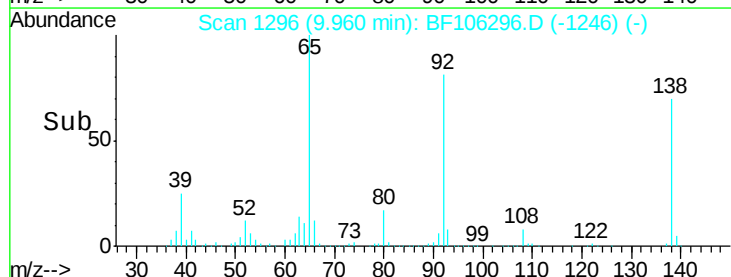
92 116.0 89.4 134.2

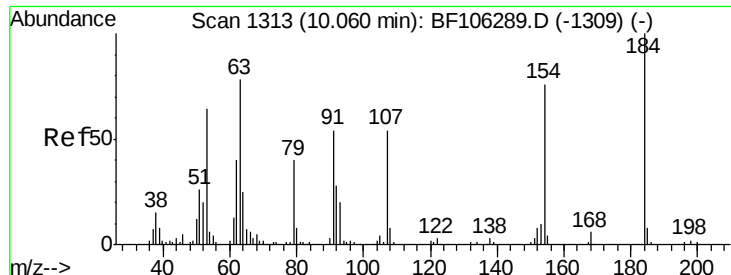


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





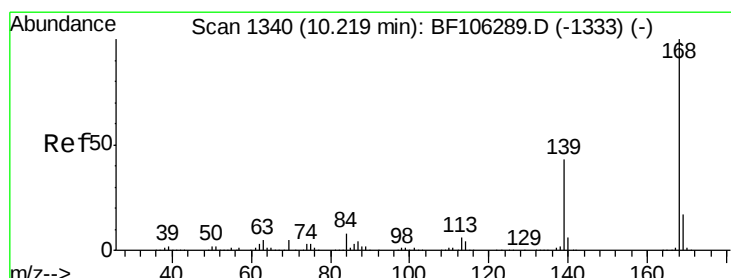
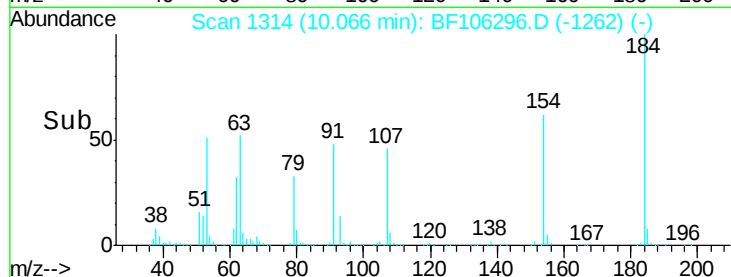
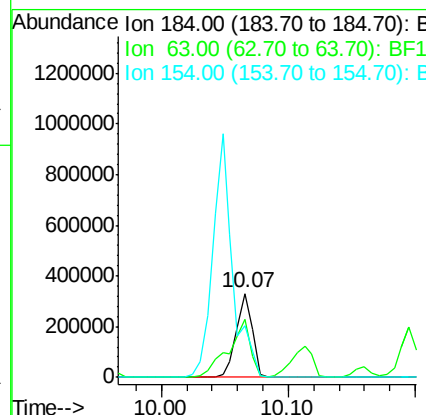
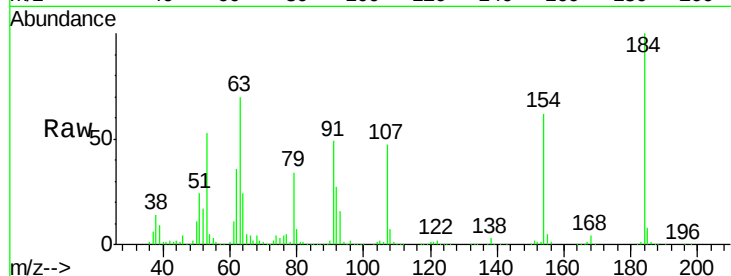
#53
2,4-Dinitrophenol
Concen: 113.623 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.9	54.2	81.2
154	61.6	184.0	276.0#

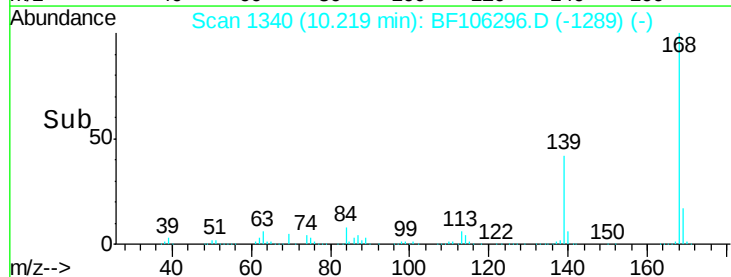
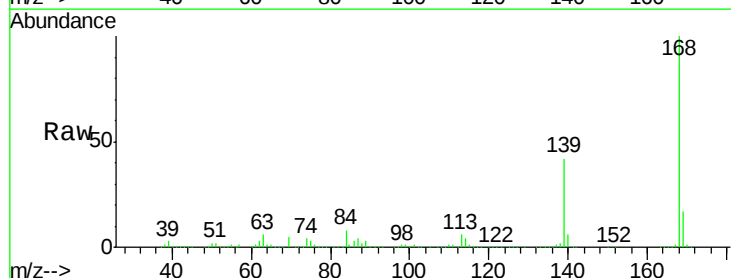
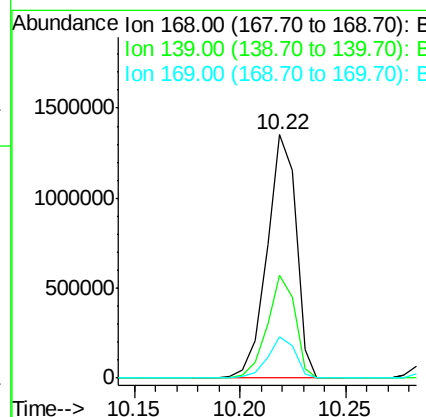
Manual Integrations
APPROVED

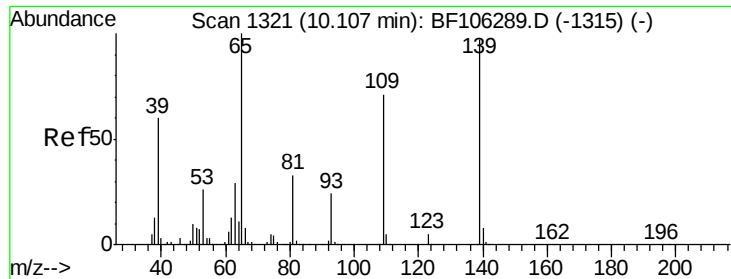
Sohil
6/12/2018 12:58:14 PM



#54
Dibenzofuran
Concen: 42.871 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.5	30.1	45.1
169	16.8	10.9	16.3#





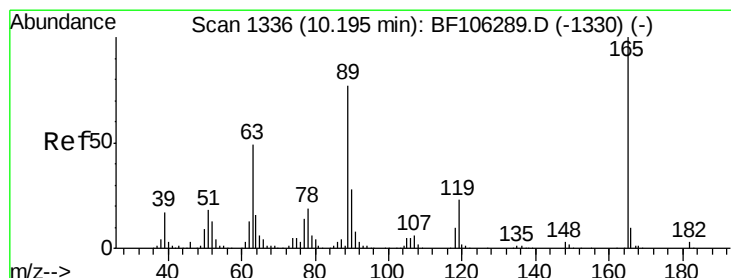
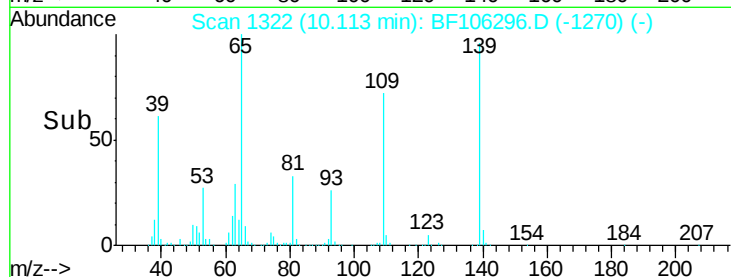
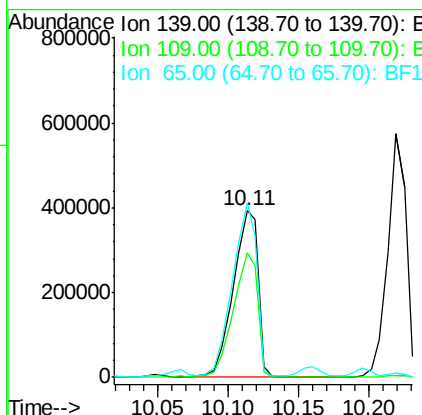
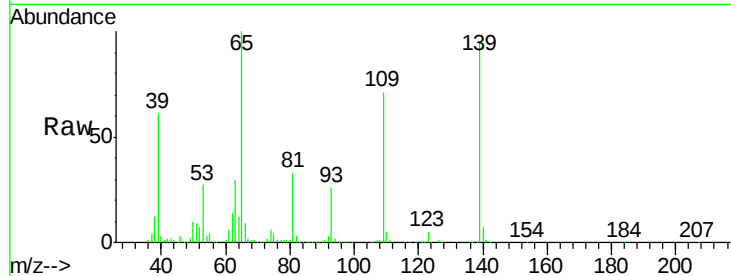
#55
4-Nitrophenol
Concen: 98.091 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.8	48.4	88.4
65	104.7	72.6	112.6

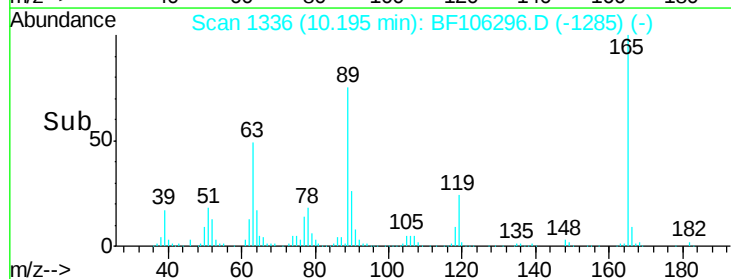
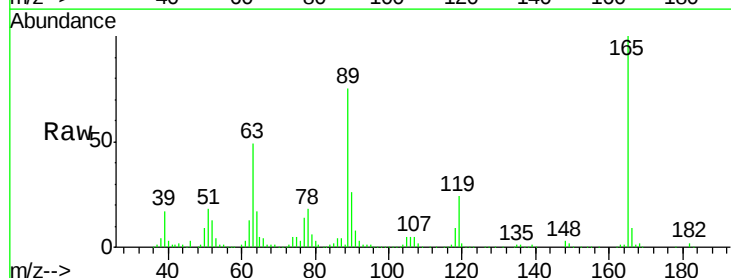
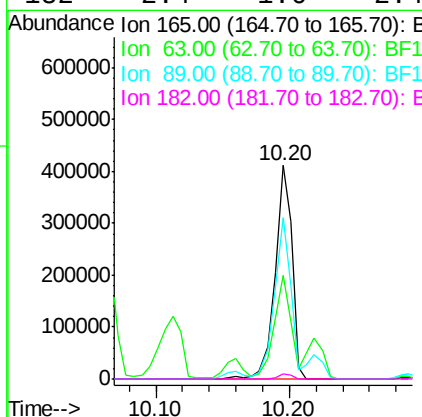
Manual Integrations
APPROVED

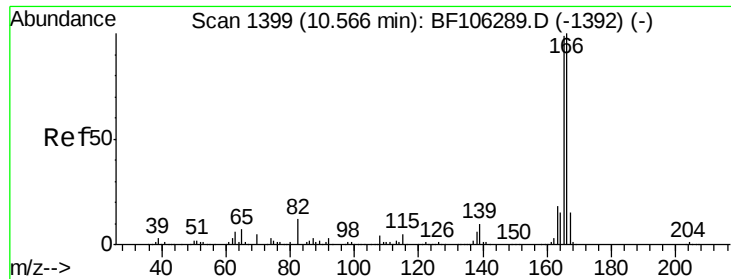
Sohil
6/12/2018 12:58:14 PM



#56
2,4-Dinitrotoluene
Concen: 54.551 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	36.4	54.6
89	75.4	57.8	86.6
182	2.4	1.6	2.4





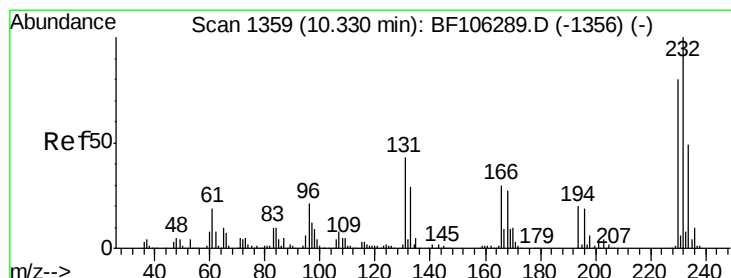
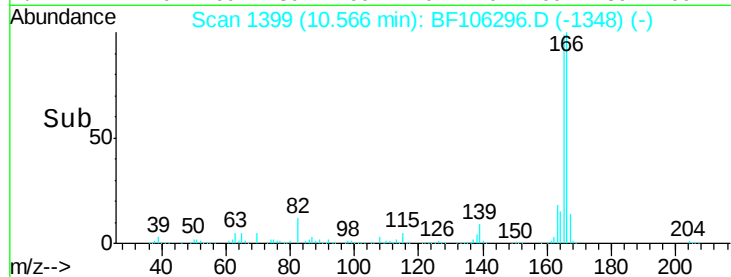
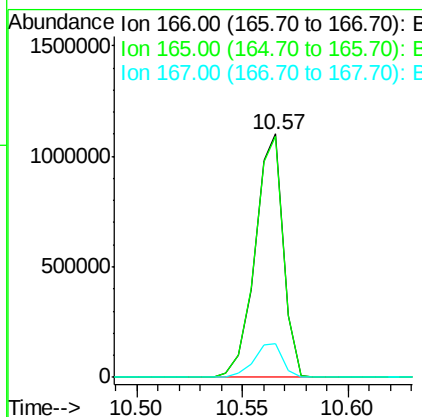
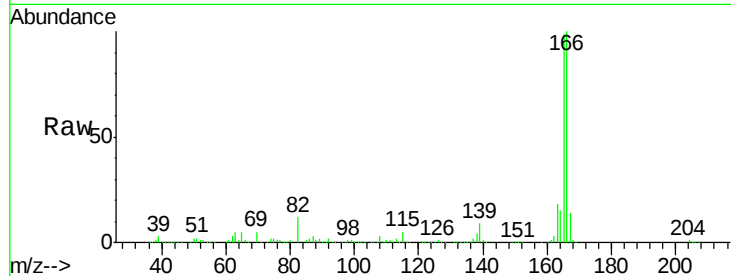
#57
 Fluorene
 Concen: 42.605 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.7	10.6	16.0

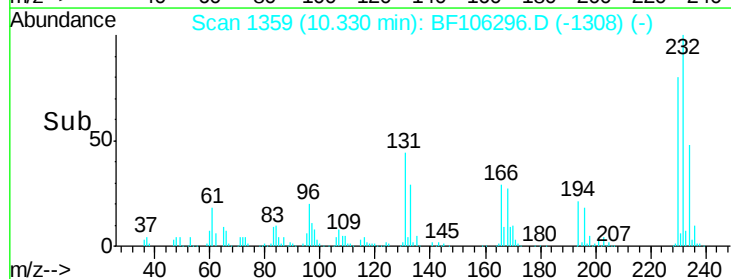
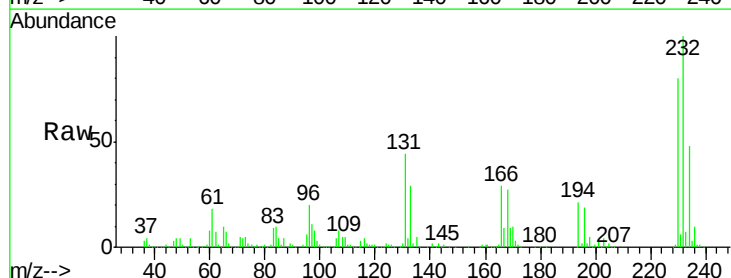
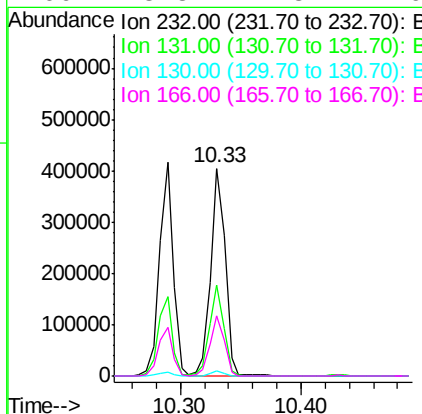
Manual Integrations
 APPROVED

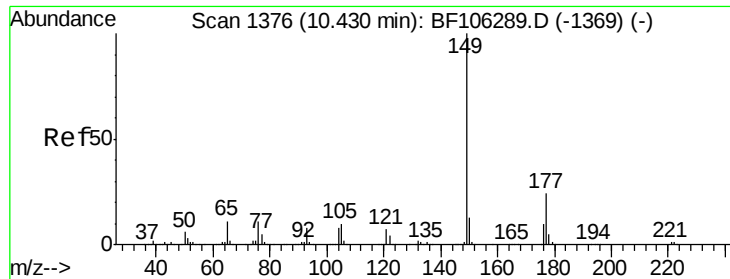
Sohil
 6/12/2018 12:58:14 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.909 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	43.8	65.8#
130	2.1	2.1	3.1
166	28.8	27.8	41.6





#59

Diethylphthalate

Concen: 42.768 ng

RT: 10.43 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110108BS

Tot Ion:149 Resp: 1111265

Ion Ratio Lower Upper

149 100

177 24.4 16.1 24.1#

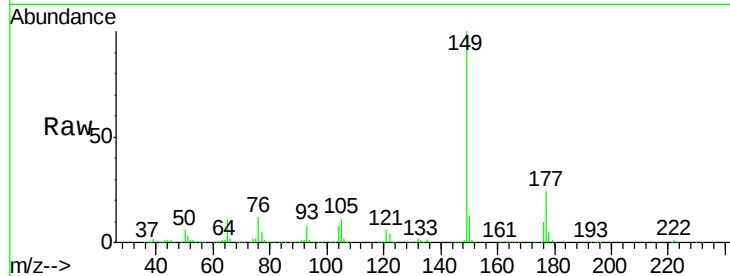
150 13.4 10.1 15.1

Manual Integrations

APPROVED

Sohil

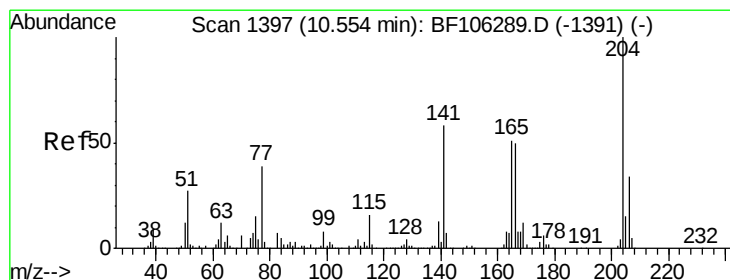
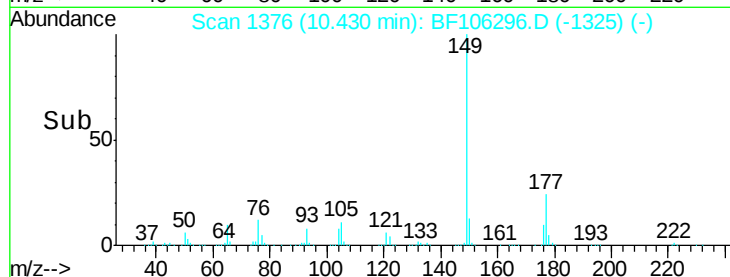
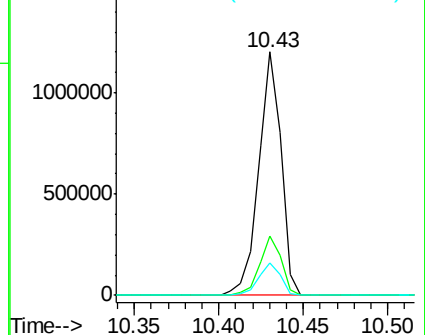
6/12/2018 12:58:14 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.280 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

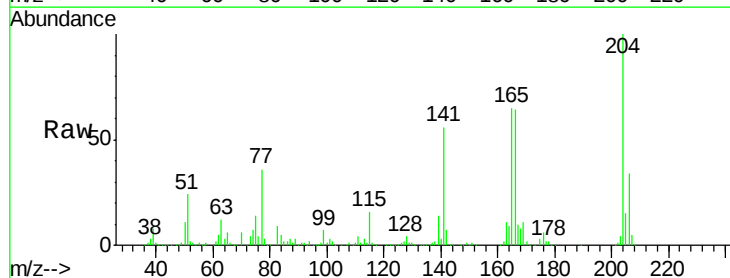
Tgt Ion:204 Resp: 532652

Ion Ratio Lower Upper

204 100

206 34.3 26.5 39.7

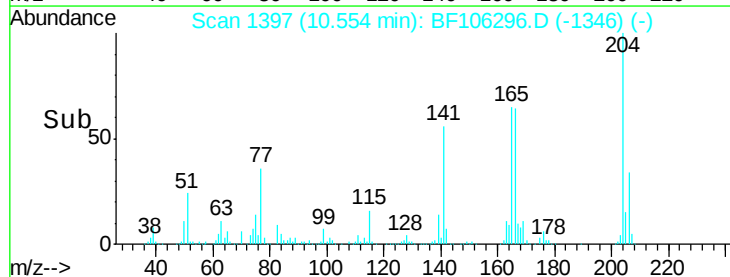
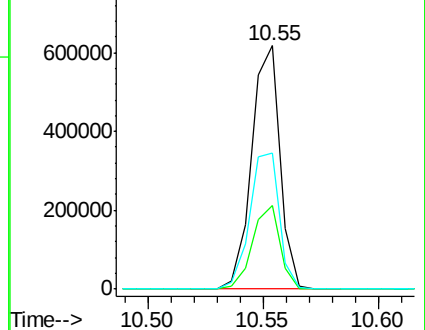
141 56.1 54.6 81.8

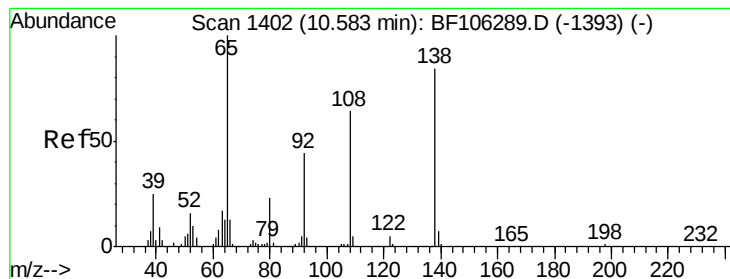


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.537 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

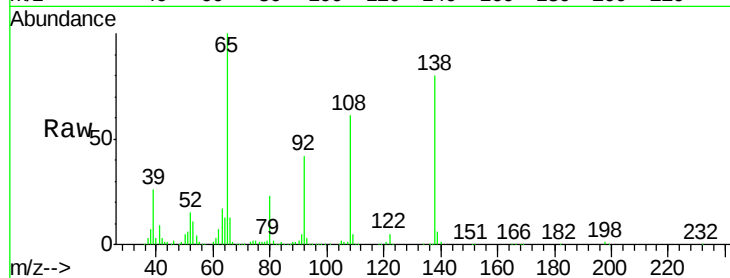
ClientSampleId :

PB110108BS

Tot Ion:	138	Resp:	299712
Ion Ratio	Lower	Upper	
138	100		
92	52.6	30.2	70.2
108	76.9	52.5	92.5

Manual Integrations
APPROVED

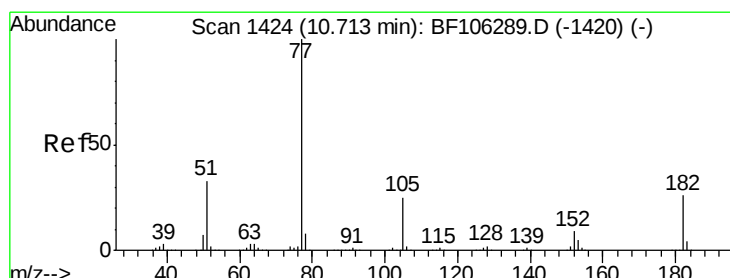
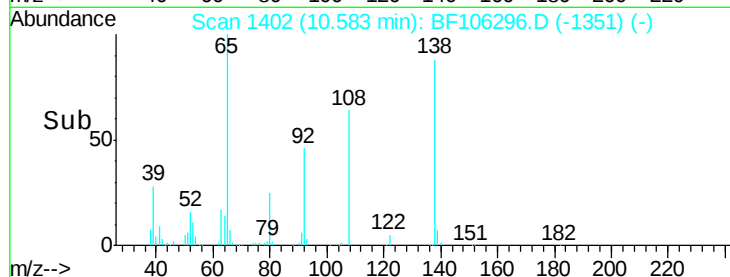
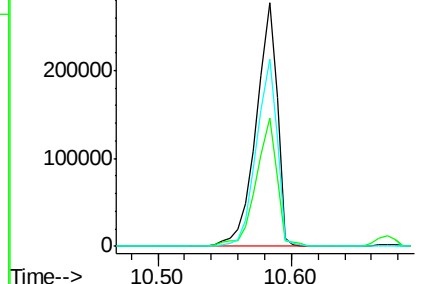
Sohil
6/12/2018 12:58:14 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.872 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

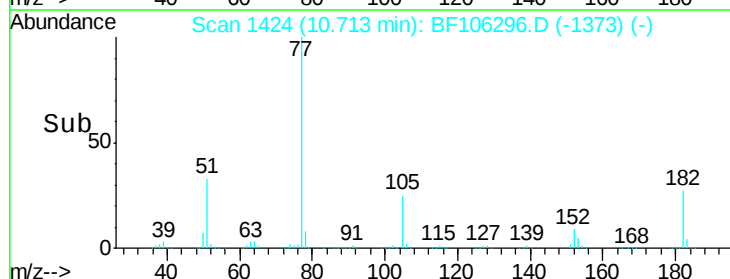
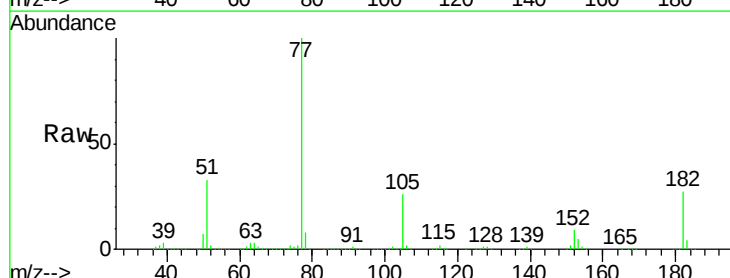
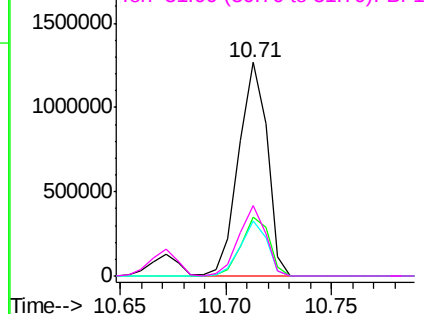
Tgt Ion:	77	Resp:	1188649
Ion Ratio	Lower	Upper	
77	100		
182	27.3	1.7	41.7
105	25.6	3.0	43.0
51	32.7	9.9	49.9

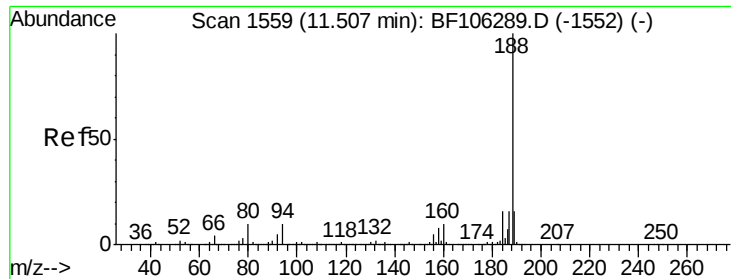
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





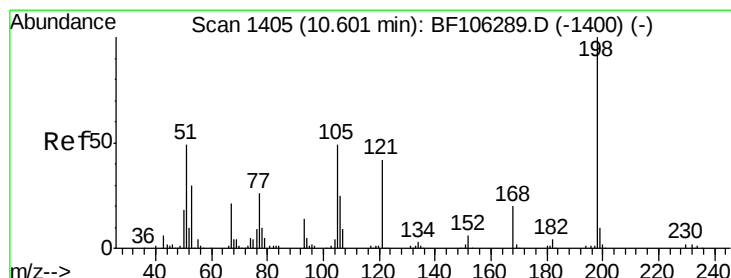
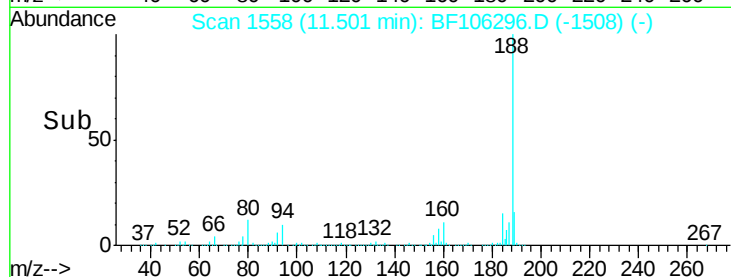
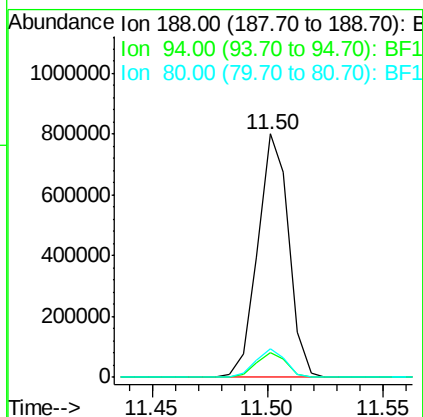
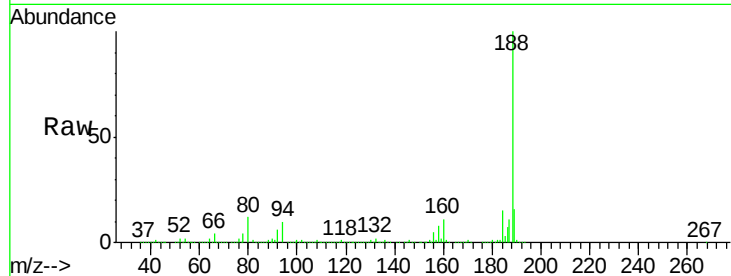
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	747940		
94	10.3		8.5	12.7
80	11.8		9.2	13.8

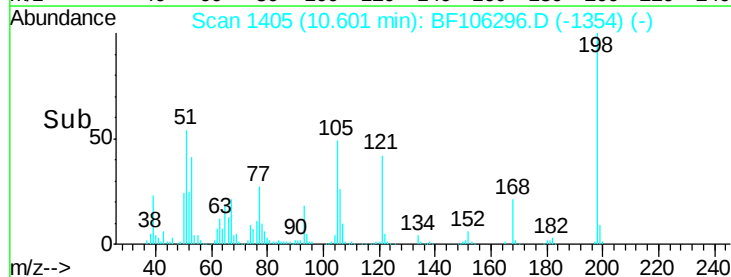
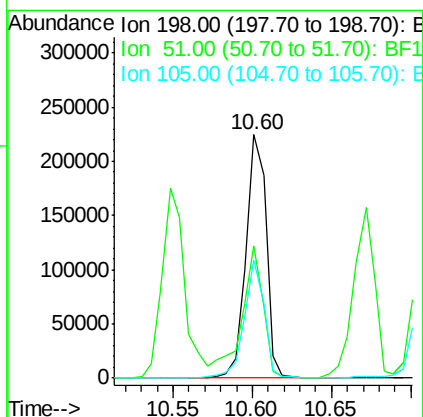
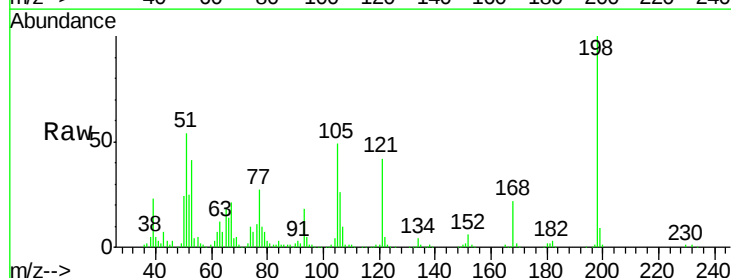
Manual Integrations
APPROVED

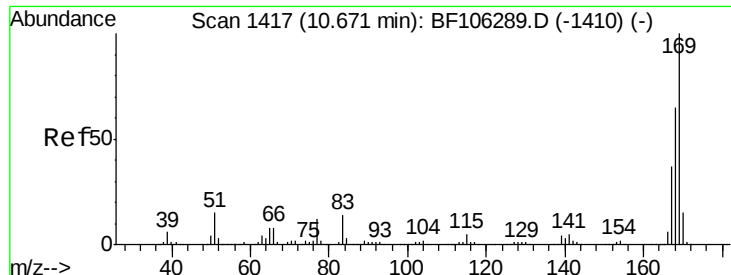
Sohil
6/12/2018 12:58:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.884 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	197771		
51	54.2		37.7	77.7
105	48.7		36.3	76.3





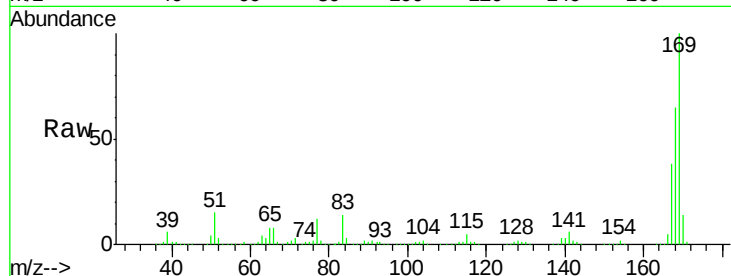
#65
n-Nitrosodiphenylamine
Concen: 39.811 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleID :
PB110108BS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	65.1	54.4	81.6	
167	37.6	29.8	44.6	

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:14 PM

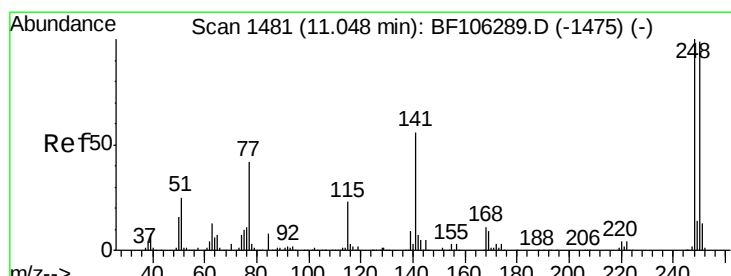
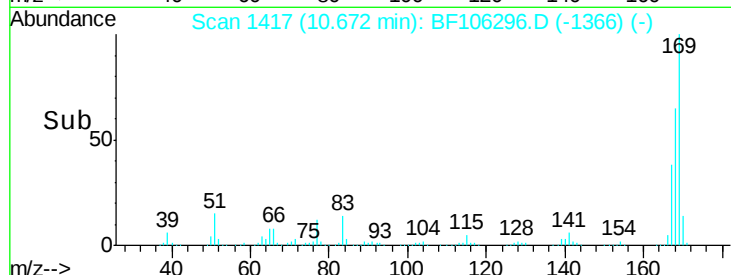
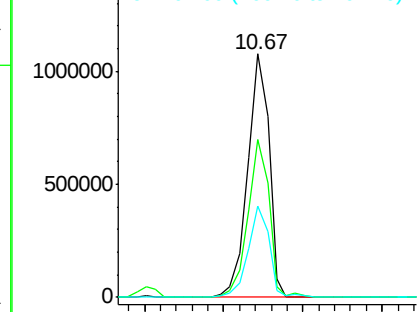


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 43.765 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

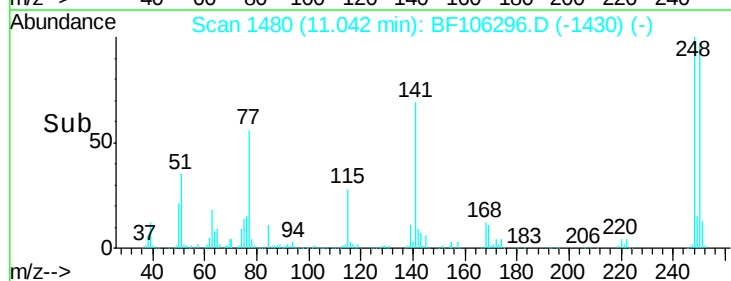
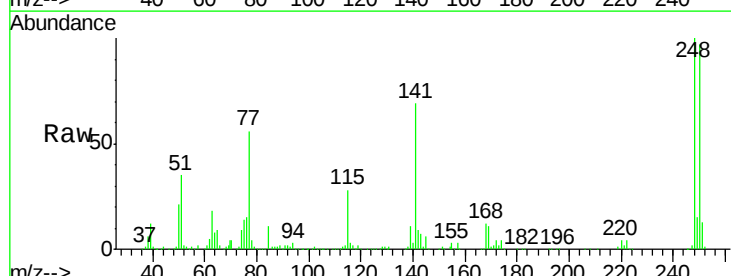
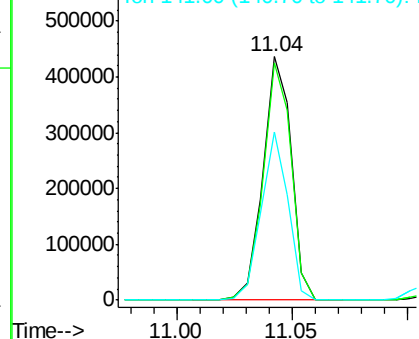
Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.3	76.9	115.3	
141	69.1	74.4	111.6	

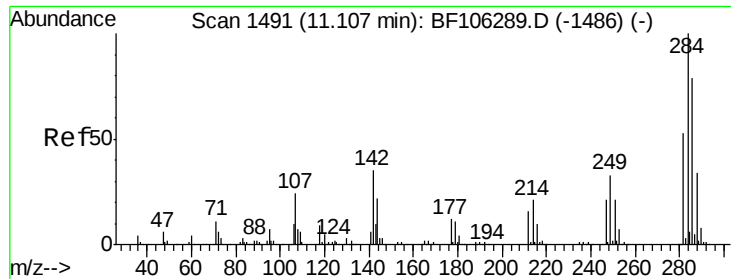
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





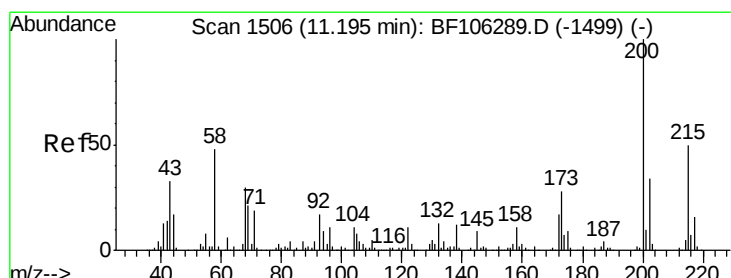
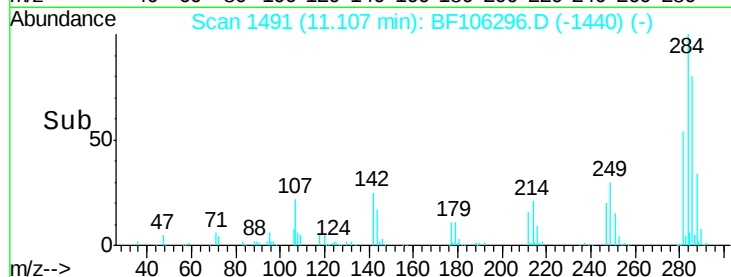
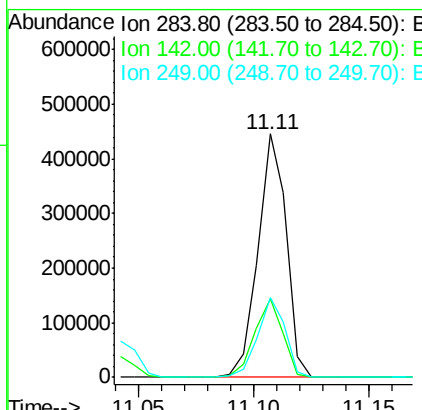
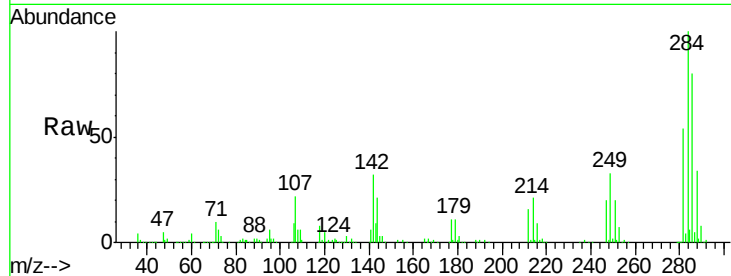
#67
Hexachlorobenzene
Concen: 43.390 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	380544		
142	32.1	34.6	52.0	
249	32.9	24.8	37.2	

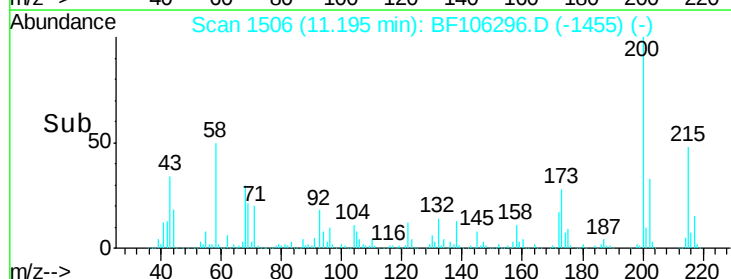
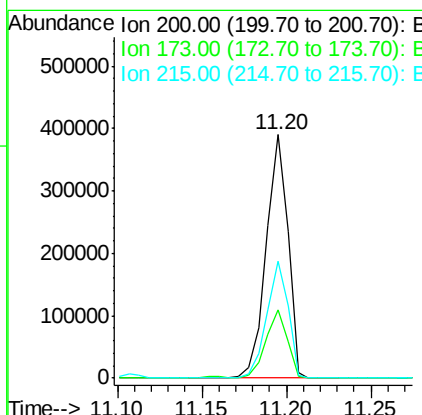
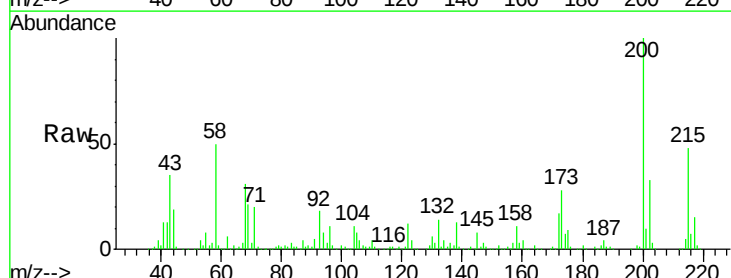
Manual Integrations
APPROVED

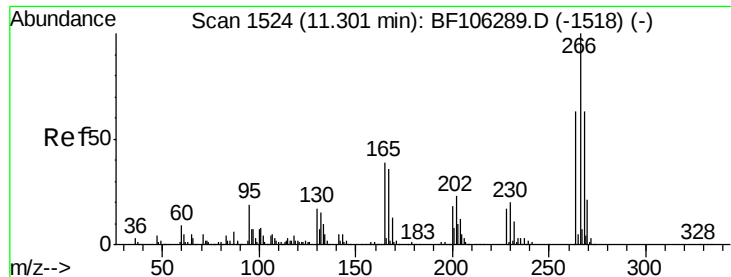
Sohil
6/12/2018 12:58:14 PM



#68
Atrazine
Concen: 44.820 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	347201		
173	28.0	8.6	48.6	
215	48.2	25.1	65.1	





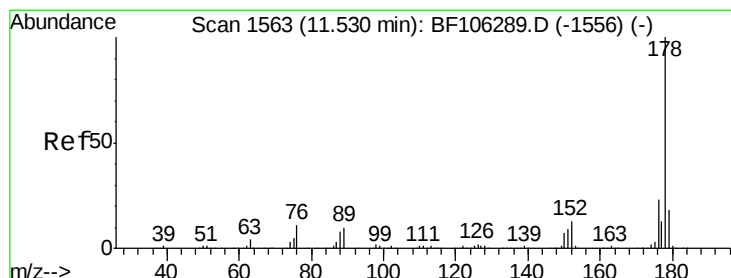
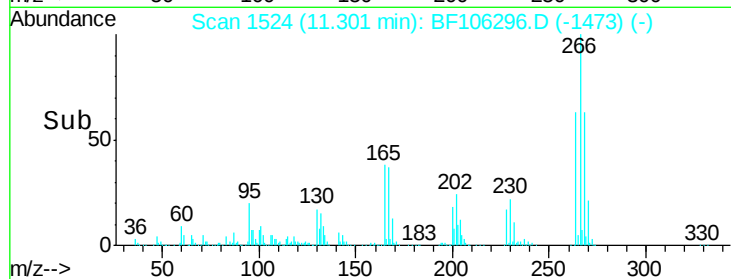
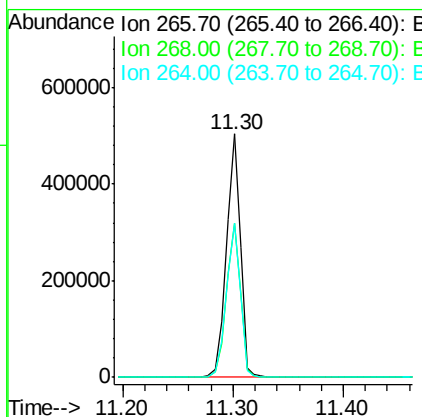
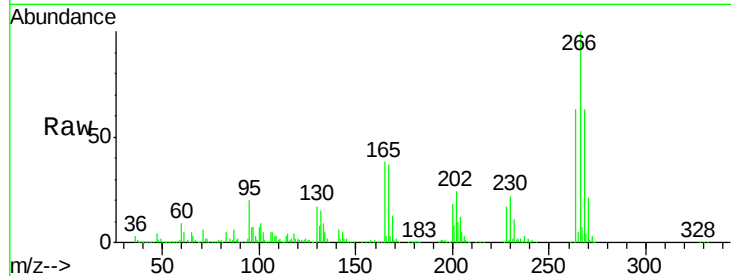
#69
 Pentachlorophenol
 Concen: 83.387 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.1	49.5	74.3

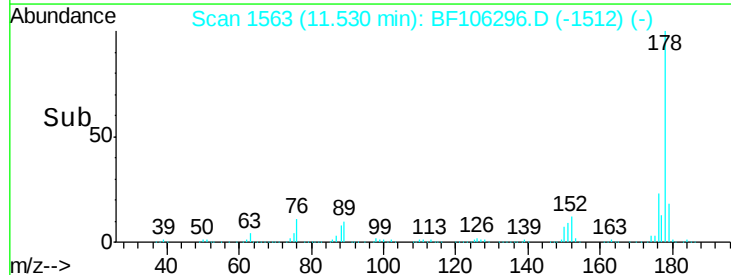
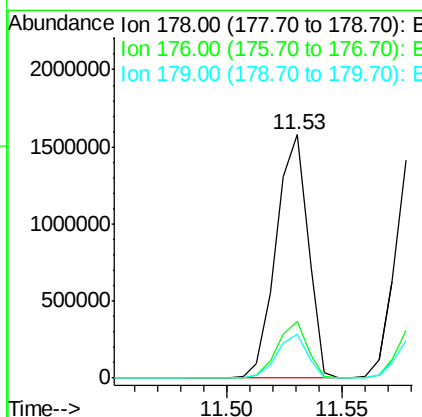
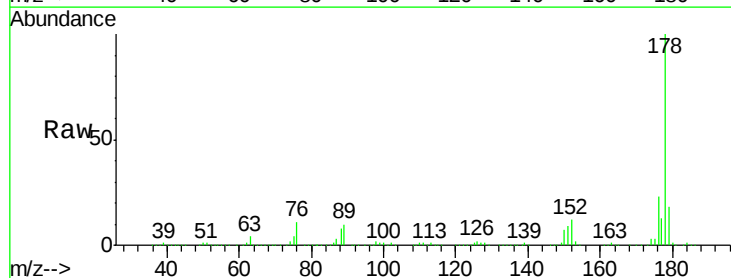
Manual Integrations
 APPROVED

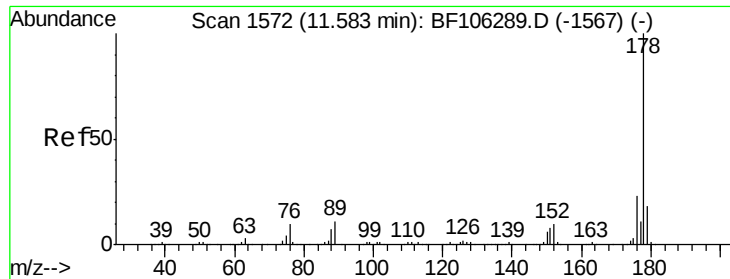
Sohil
 6/12/2018 12:58:14 PM



#70
 Phenanthrene
 Concen: 41.354 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.1	15.8	23.8
179	18.1	13.0	19.6





#71
 Anthracene
 Concen: 42.150 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

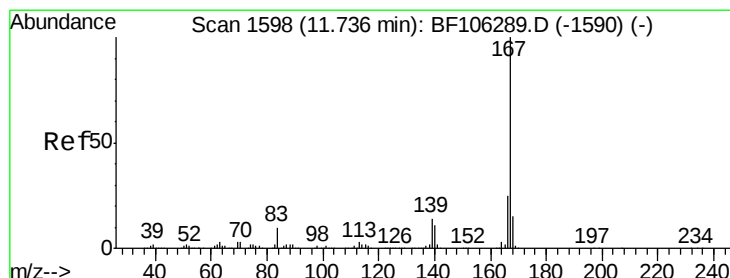
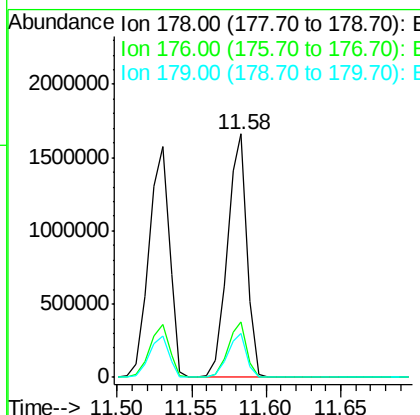
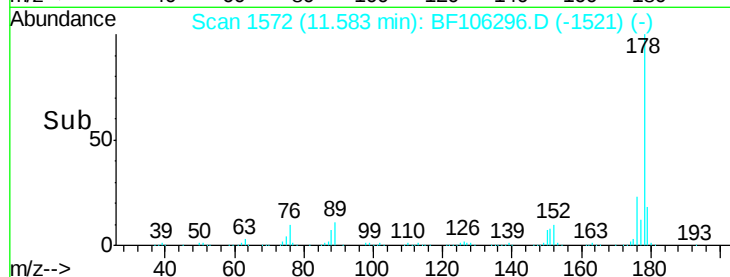
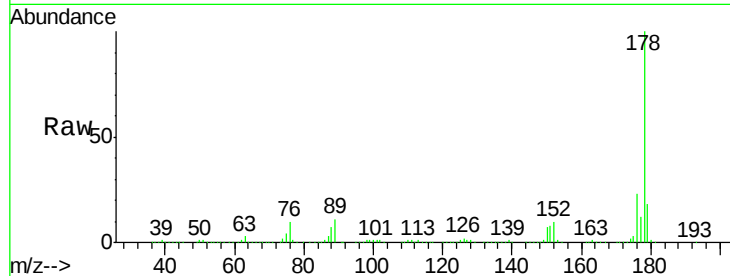
Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion:178 Resp: 1546723

Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.4	23.2
179	18.1	12.6	19.0

Manual Integrations
 APPROVED

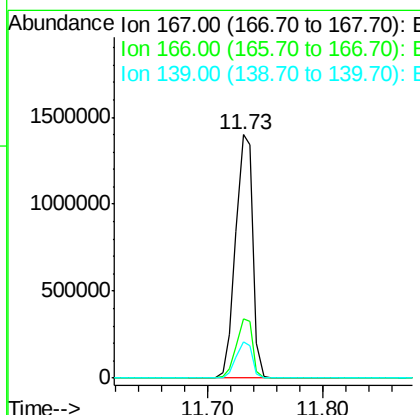
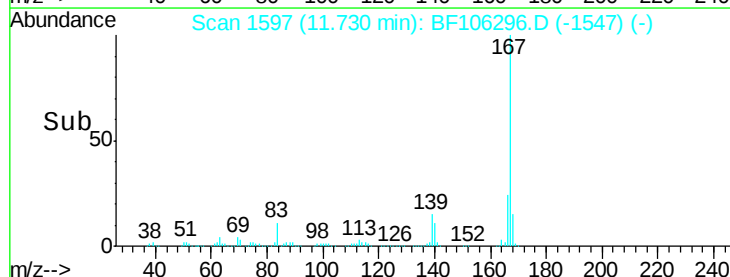
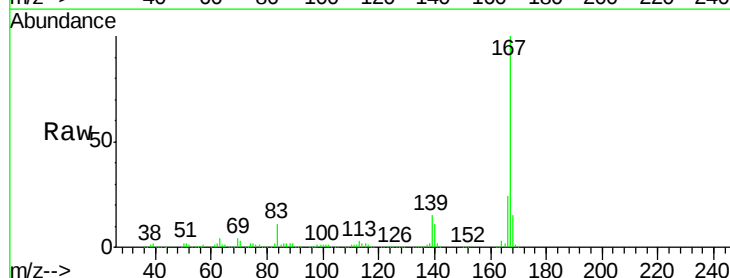
Sohil
 6/12/2018 12:58:14 PM

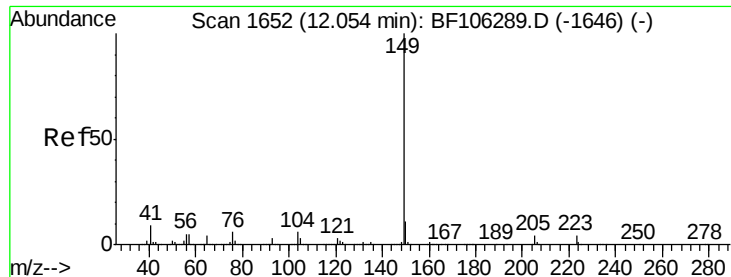


#72
 Carbazole
 Concen: 42.645 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion:167 Resp: 1444752

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.6	26.4
139	15.1	10.9	16.3





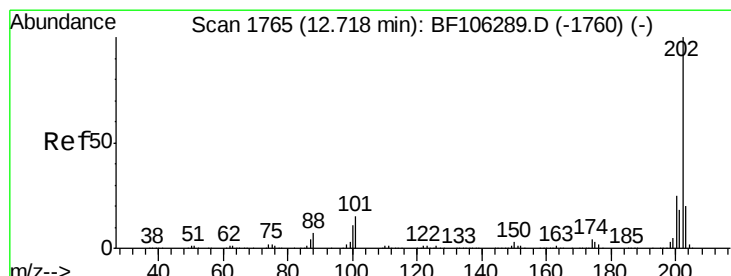
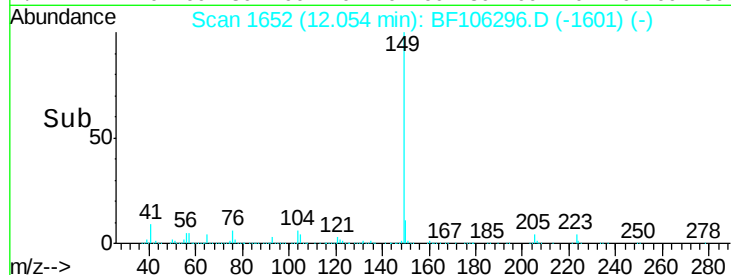
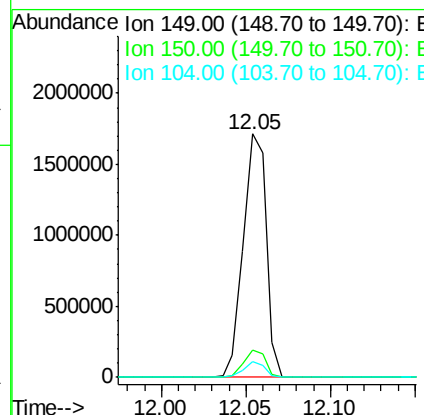
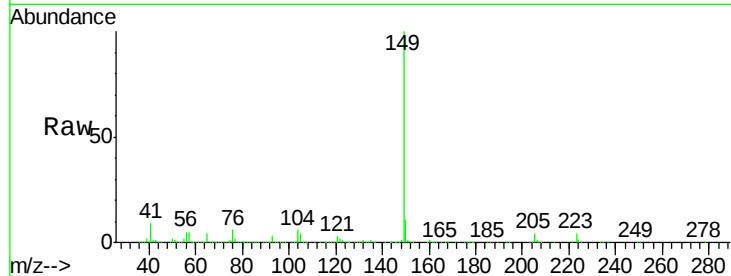
#73
Di-n-butylphthalate
Concen: 43.104 ng
RT: 12.05 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion:149 Resp: 1625246
Ion Ratio Lower Upper
149 100
150 11.4 7.8 11.6
104 6.4 3.8 5.8#

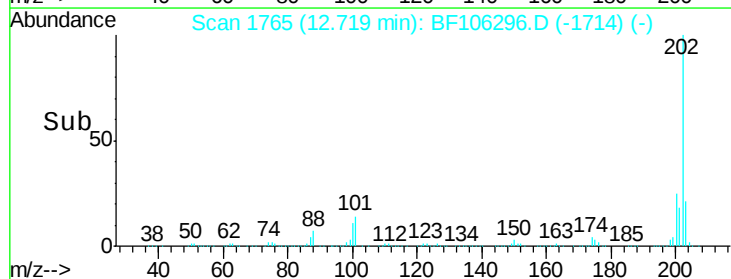
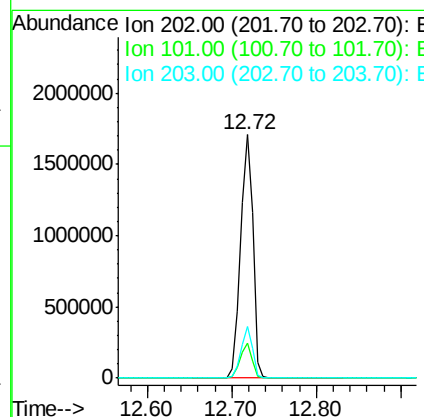
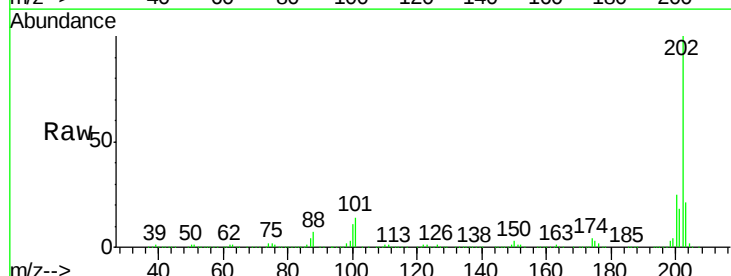
Manual Integrations
APPROVED

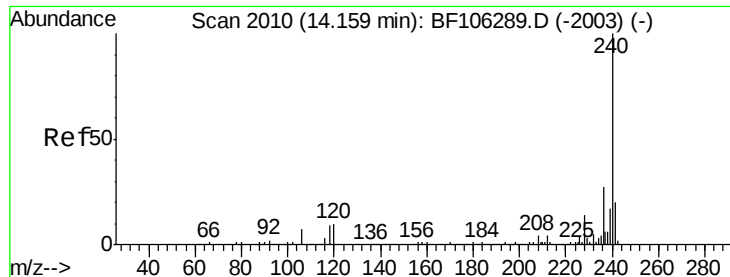
Sohil
6/12/2018 12:58:14 PM



#74
Fluoranthene
Concen: 43.323 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion:202 Resp: 1692349
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 21.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

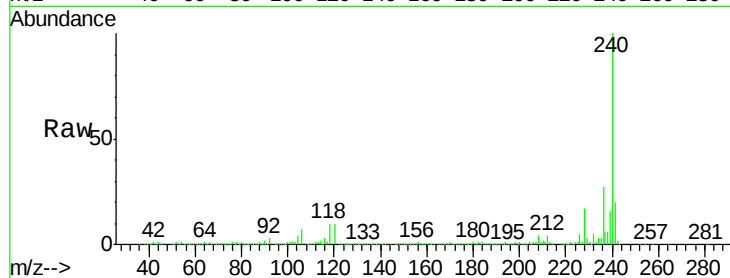
ClientSampleId :

PB110108BS

Tot Ion:	240	Resp:	661311
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	27.0	20.7	31.1

Manual Integrations
APPROVED

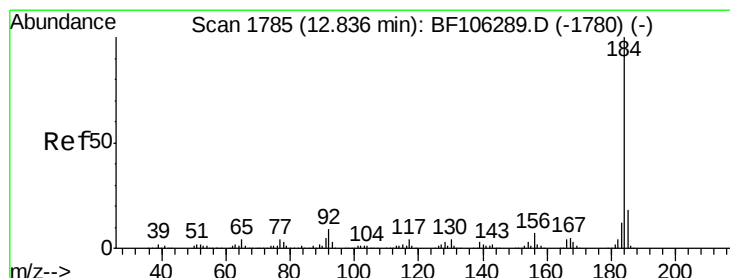
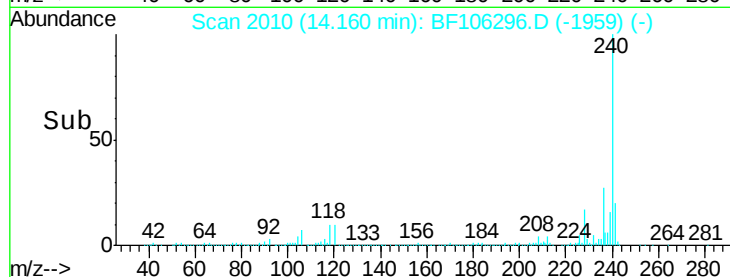
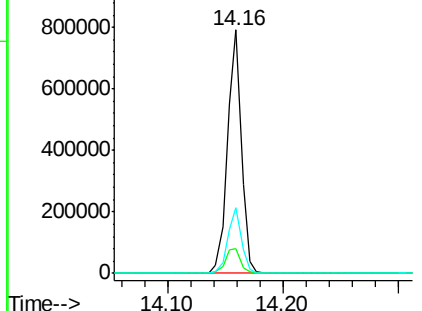
Sohil
6/12/2018 12:58:14 PM



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: 43.716 ng

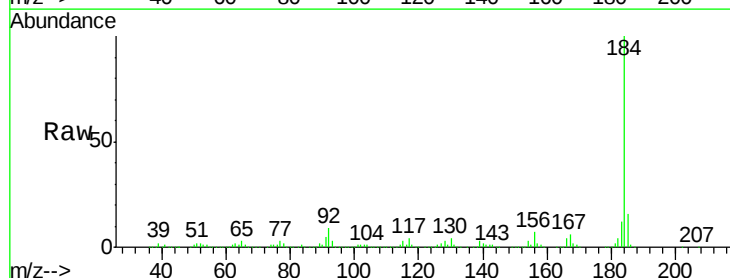
RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

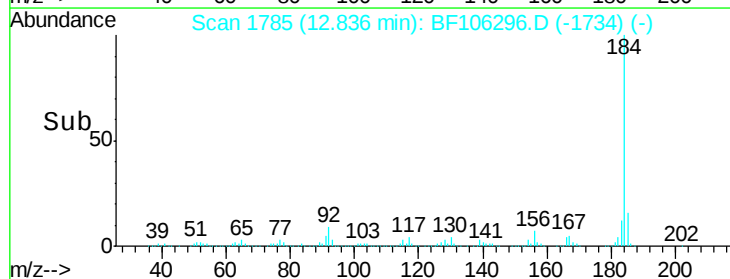
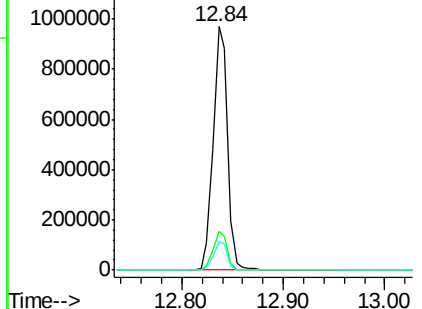
Tgt Ion:	184	Resp:	962159
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.6	18.8
183	11.8	9.3	13.9

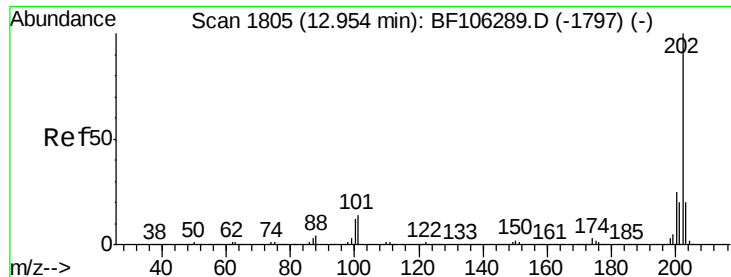


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





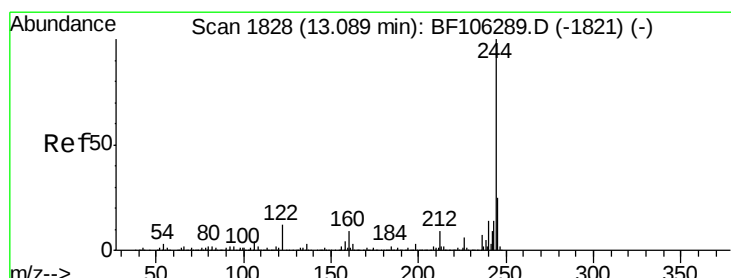
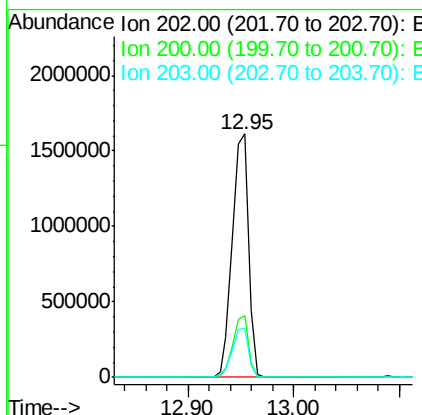
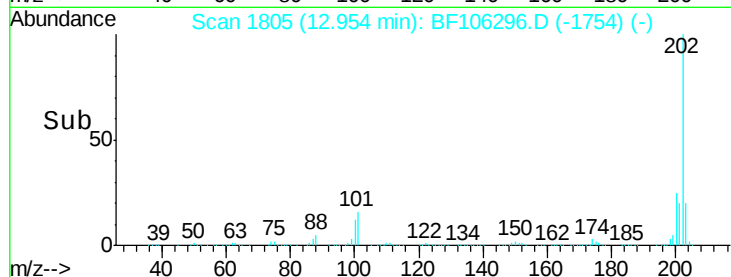
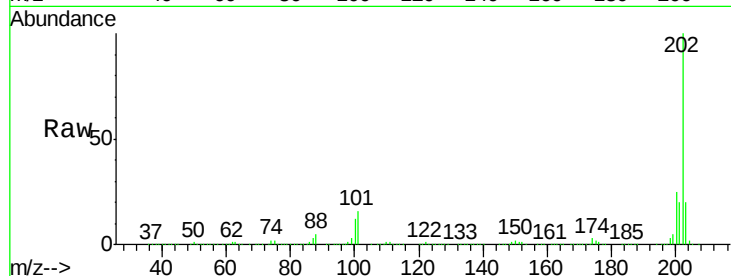
#77
Pvrene
Concen: 41.270 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	17.4	26.2
203	20.2	14.3	21.5

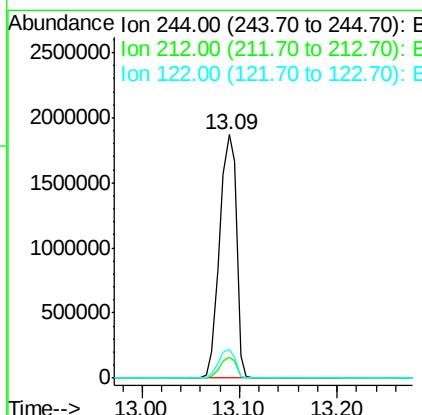
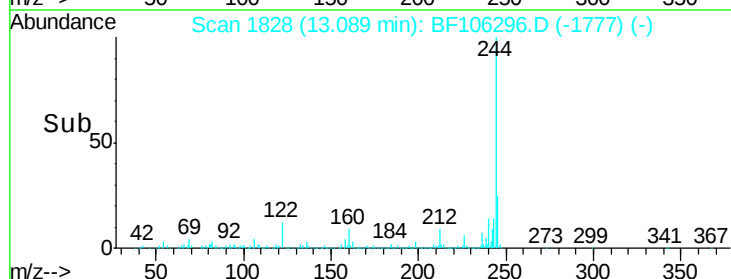
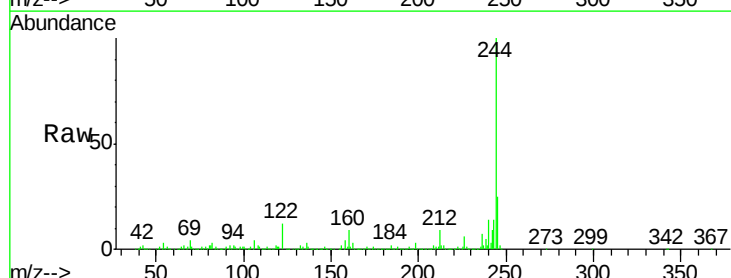
Manual Integrations
APPROVED

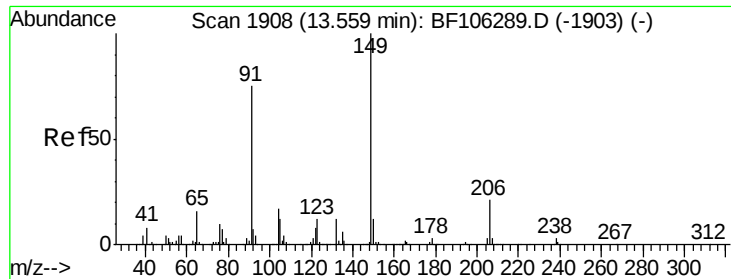
Sohil
6/12/2018 12:58:14 PM



#78
Terphenyl-d14
Concen: 84.374 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.4	8.0#
122	11.7	11.0	16.4





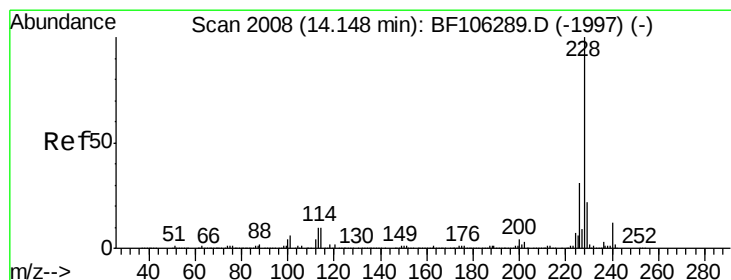
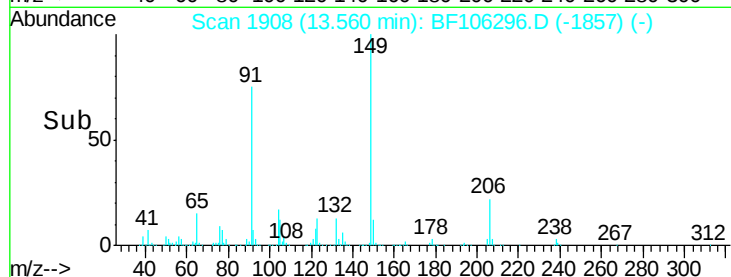
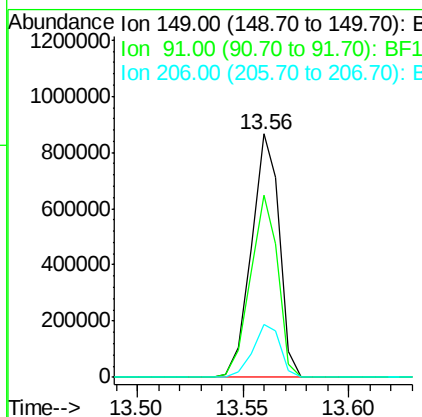
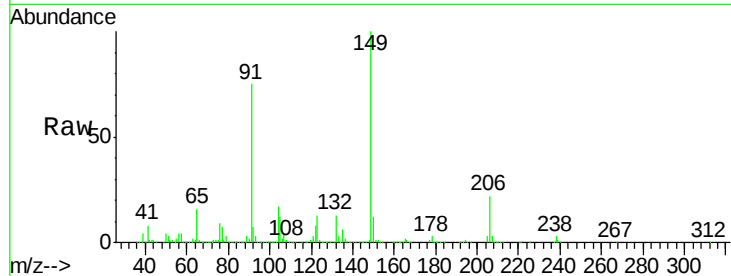
#79
Butylbenzylphthalate
Concen: 51.355 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	56.8	85.2
206	21.5	14.1	21.1

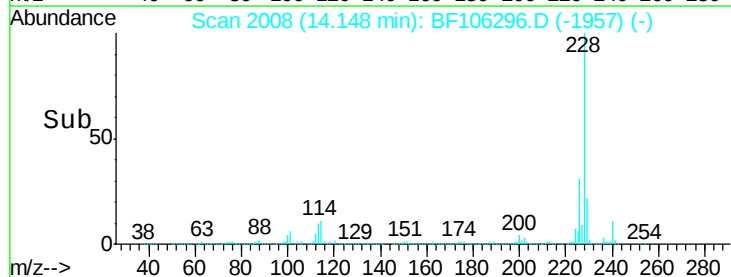
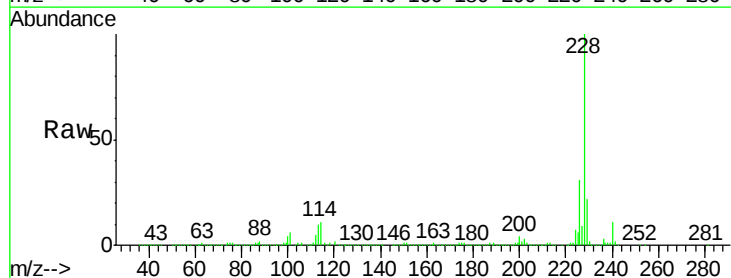
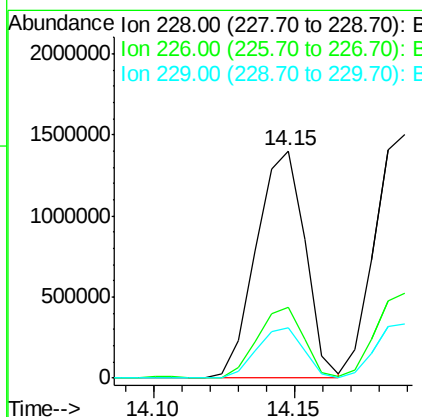
Manual Integrations
APPROVED

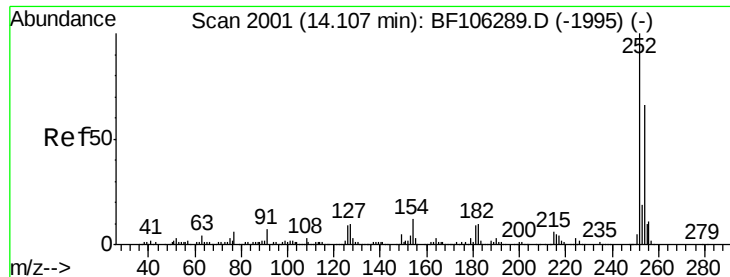
Sohil
6/12/2018 12:58:14 PM



#80
Benzo(a)anthracene
Concen: 42.684 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	22.2	15.8	23.6





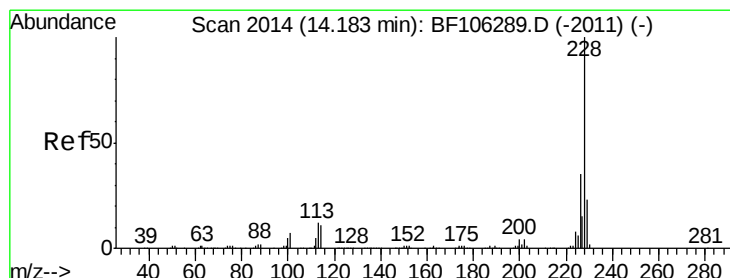
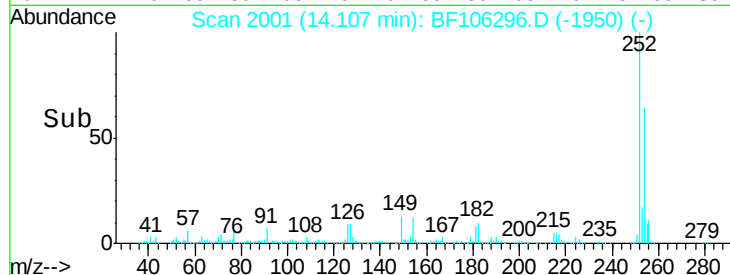
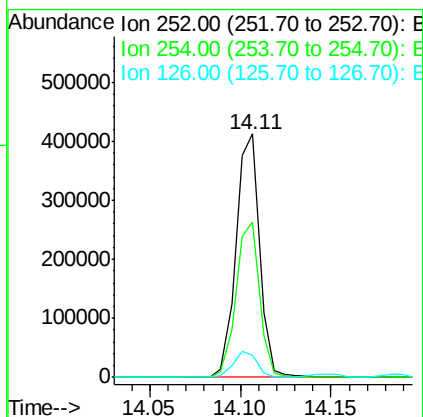
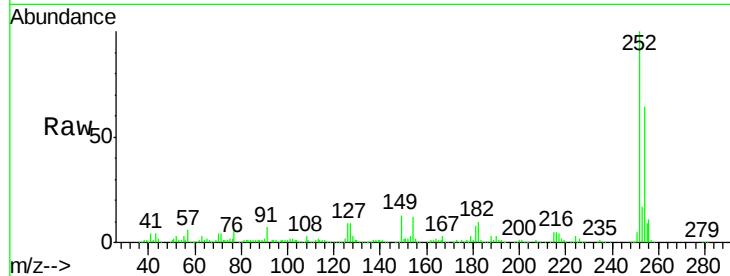
#81
 3,3'-Dichlorobenzidine
 Concen: 28.111 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampled :
 PB110108BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	9.3	11.3	16.9

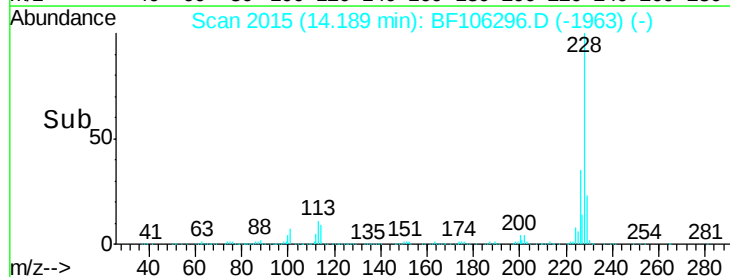
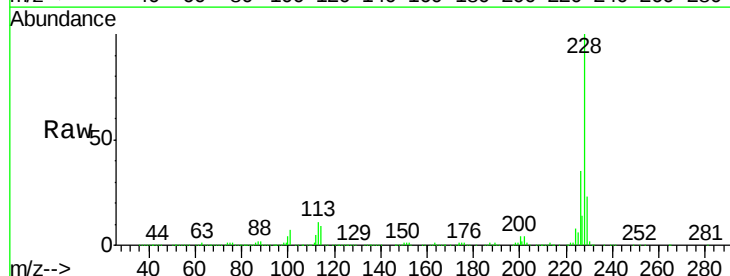
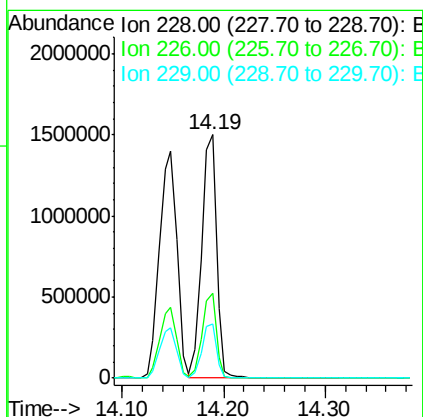
Manual Integrations
 APPROVED

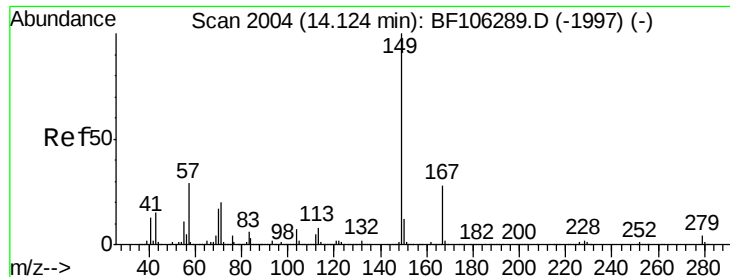
Sohil
 6/12/2018 12:58:14 PM



#82
 Chrysene
 Concen: 42.695 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.0	37.6
229	22.5	16.2	24.4





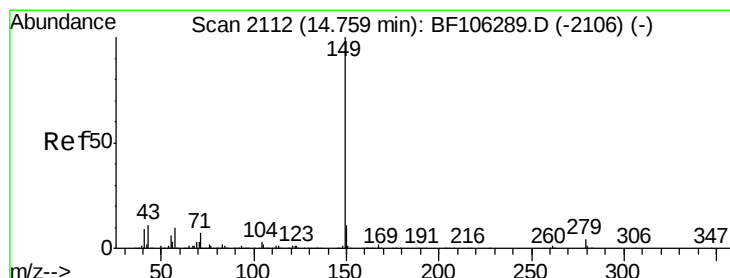
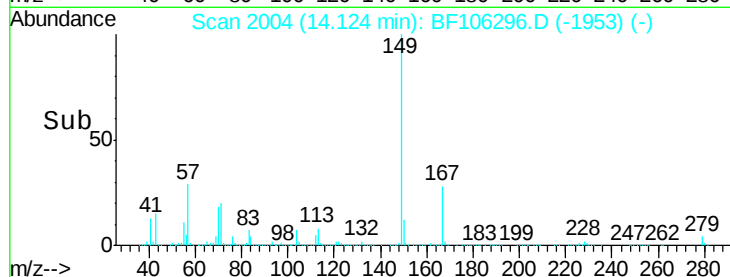
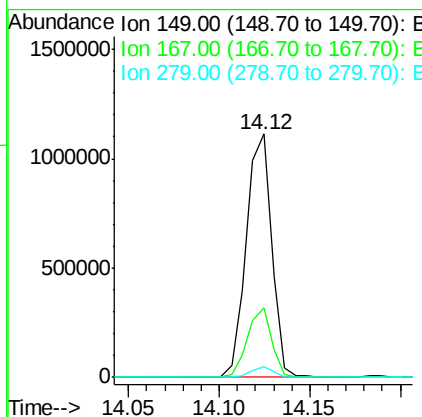
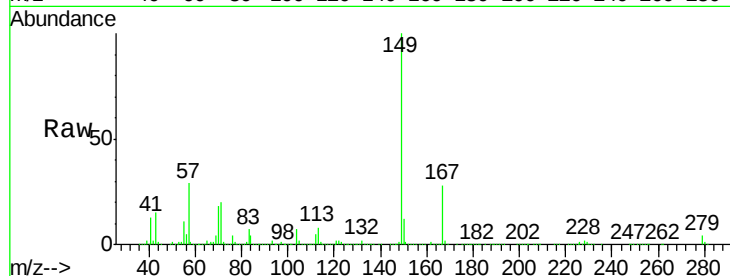
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.885 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion:149 Resp: 1086270
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.3 31.9
 279 4.4 3.0 4.4

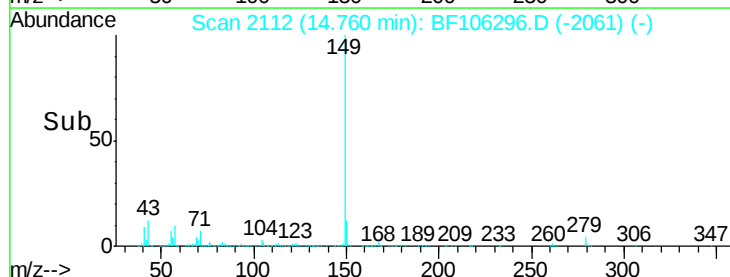
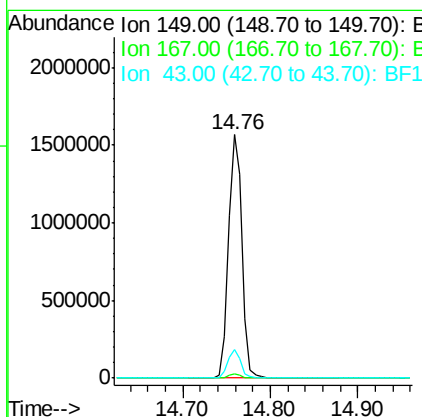
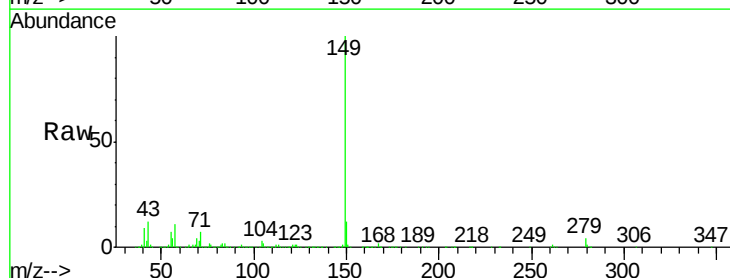
Manual Integrations
 APPROVED

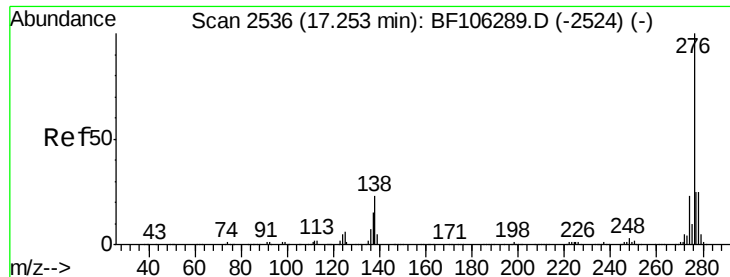
Sohil
 6/12/2018 12:58:14 PM



#84
 Di-n-octyl phthalate
 Concen: 51.825 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion:149 Resp: 1660218
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.0 8.4 12.6





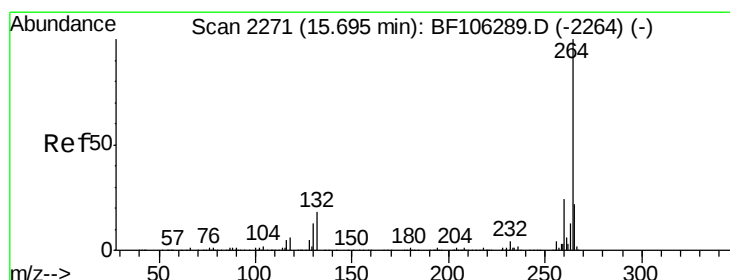
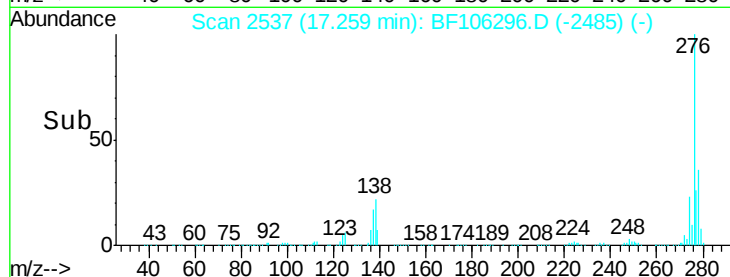
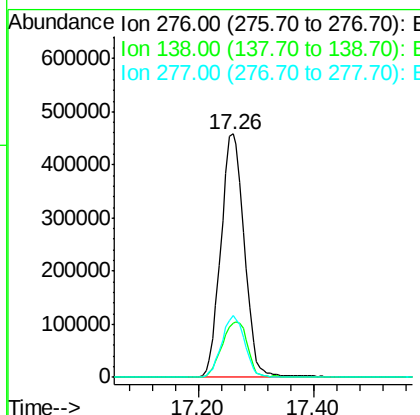
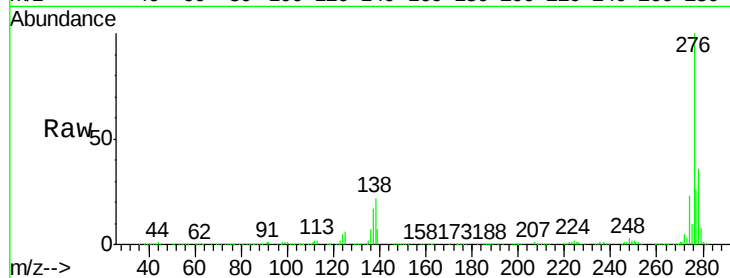
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.252 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	24.9	20.1	30.1

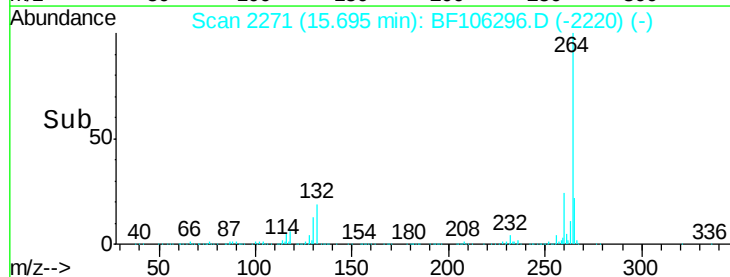
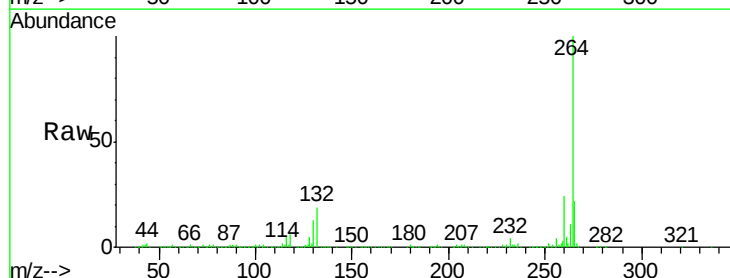
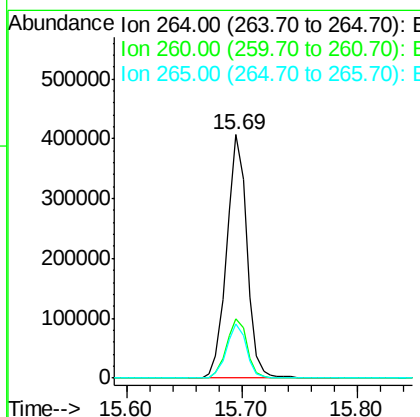
Manual Integrations
 APPROVED

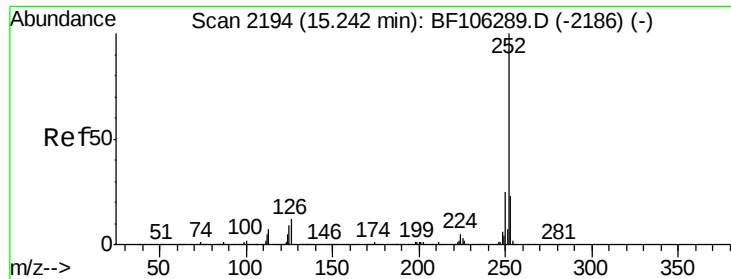
Sohil
 6/12/2018 12:58:14 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.162 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

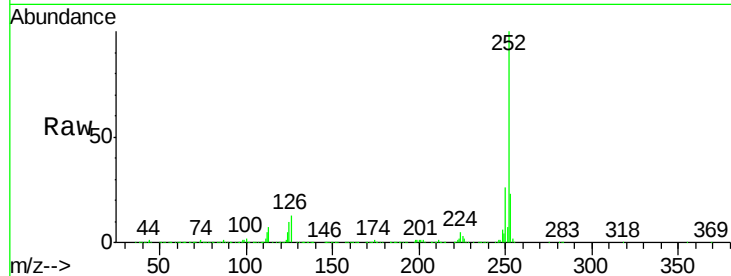
PB110108BS

Tot Ion:252 Resp: 1406943

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	10.2	9.0	13.6

Manual Integrations
APPROVED

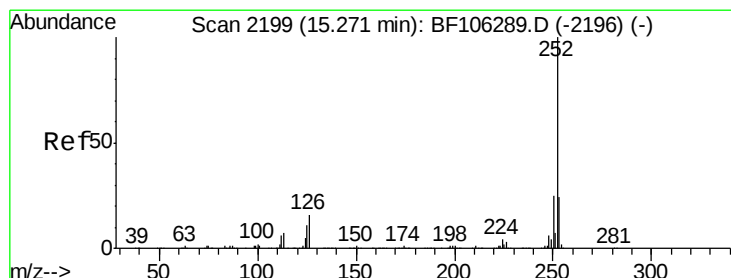
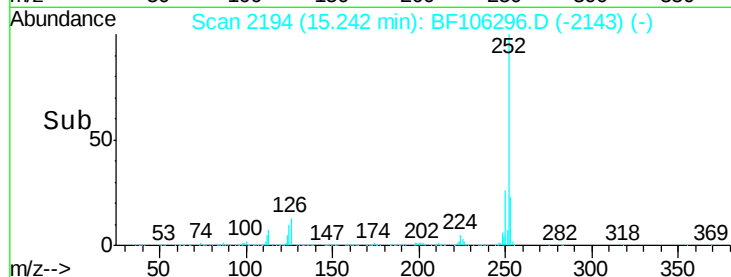
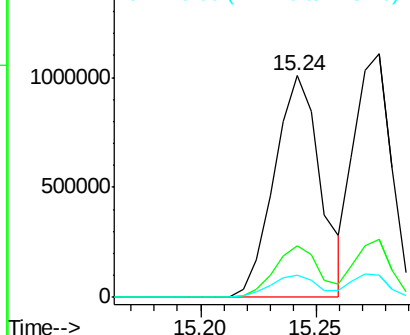
Sohil
6/12/2018 12:58:14 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.679 ng m

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF106296.D

Acq: 11 Jun 2018 16:02

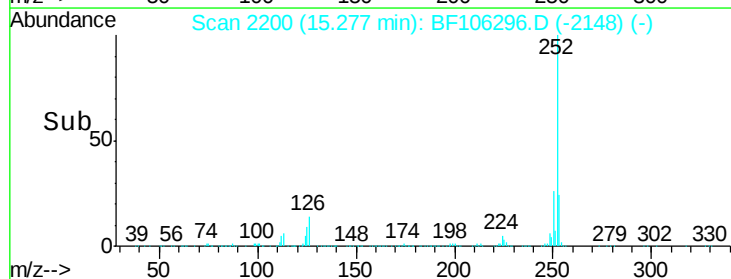
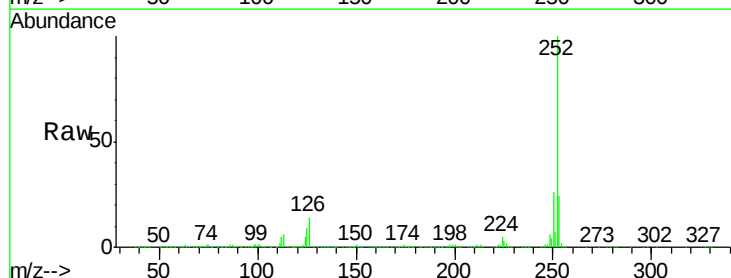
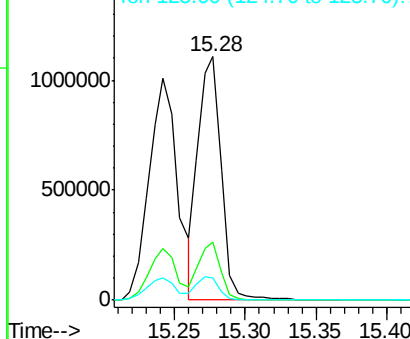
Tgt Ion:252 Resp: 1260937

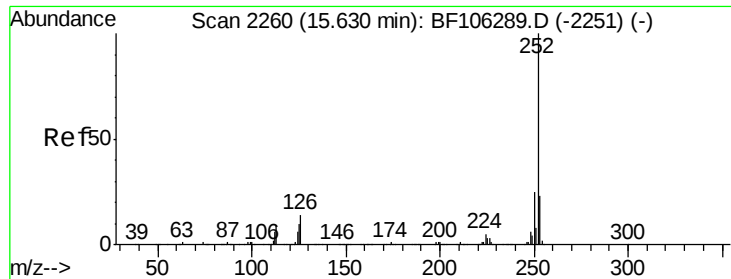
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	9.1	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





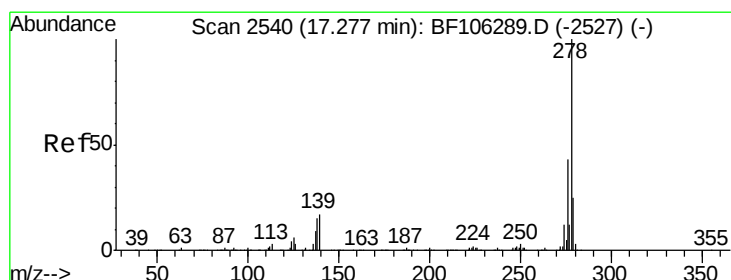
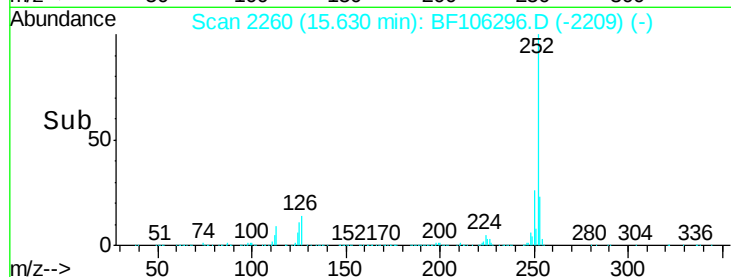
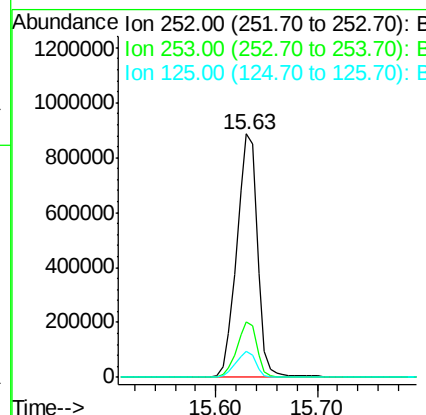
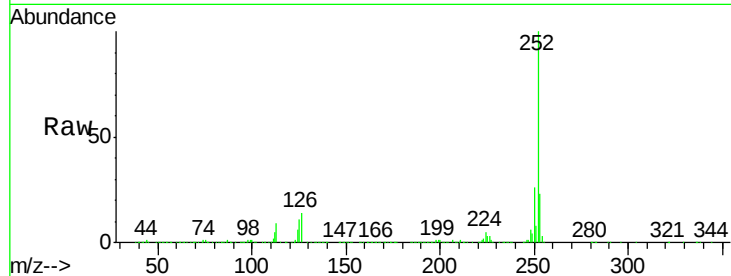
#89
Benzo(a)pyrene
Concen: 46.902 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110108BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.8	9.8	14.6

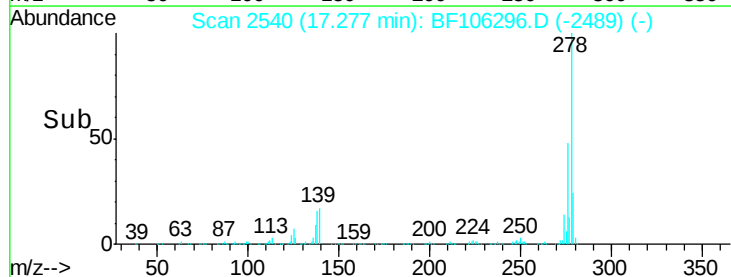
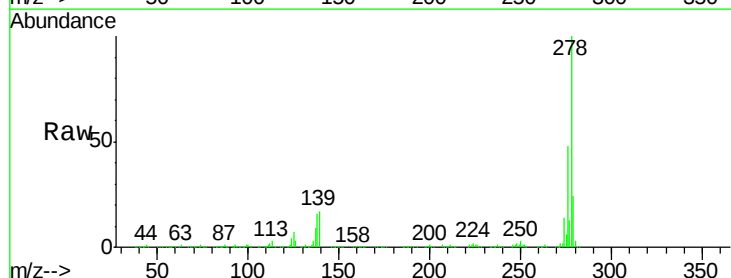
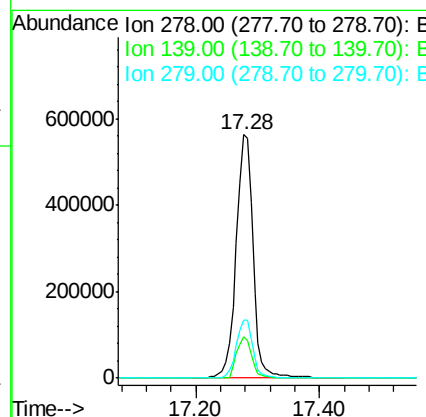
Manual Integrations
APPROVED

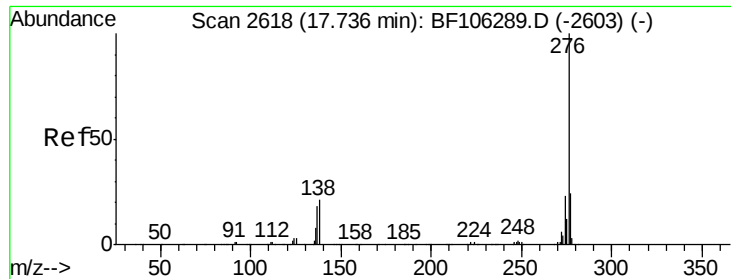
Sohil
6/12/2018 12:58:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.852 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BF106296.D
Acq: 11 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.055 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. 0.01 min
 Lab File: BF106296.D
 Acq: 11 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	21.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:14 PM

