

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106931.D
 Acq On : 28 Jun 2018 20:02
 Operator : JU/SJ
 Sample : PB110673BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:45 PM

Quant Time: Jun 29 09:13:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68141	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	257314	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	129953	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	241968	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	155726	20.00	ng	-0.02
86) Perylene-d12	15.67	264	164282	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	500701	124.43	ng	0.00
7) Phenol-d6	6.60	99	633644	126.09	ng	-0.01
23) Nitrobenzene-d5	7.52	82	400840	86.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	209095	138.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	767022	103.03	ng	-0.01
78) Terphenyl-d14	13.07	244	784548	122.04	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.88	88	71644	34.630	ng	98
3) Pyridine	3.65	79	207999	37.071	ng	95
4) n-Nitrosodimethylamine	3.61	42	85536	35.893	ng	# 84
6) Aniline	6.62	93	215414	31.600	ng	99
8) 2-Chlorophenol	6.75	128	194292	44.020	ng	97
9) Benzaldehyde	6.51	77	113680	31.376	ng	99
10) Phenol	6.61	94	235171	41.006	ng	82
11) bis(2-Chloroethyl)ether	6.69	93	190018	40.134	ng	98
12) 1,3-Dichlorobenzene	6.90	146	228896	44.279	ng	98
13) 1,4-Dichlorobenzene	6.97	146	231011	44.202	ng	98
14) 1,2-Dichlorobenzene	7.12	146	214849	44.856	ng	97
15) Benzyl Alcohol	7.10	79	165296	40.964	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	264898	42.643	ng	85
17) 2-Methylphenol	7.21	107	164488	43.548	ng	# 92
18) Hexachloroethane	7.46	117	79025	42.998	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	129671	39.145	ng	95
20) 3+4-Methylphenols	7.37	107	199756	50.828	ng	# 72
22) Acetophenone	7.36	105	263747	45.815	ng	# 96
24) Nitrobenzene	7.54	77	208062	44.014	ng	98
25) Isophorone	7.77	82	370924	45.462	ng	98
26) 2-Nitrophenol	7.85	139	110333	49.442	ng	96
27) 2,4-Dimethylphenol	7.89	122	175950	51.012	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	238187	43.479	ng	98
29) 2,4-Dichlorophenol	8.10	162	176092	48.764	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	201679	50.698	ng	96
31) Naphthalene	8.26	128	562791	46.782	ng	100
32) Benzoic acid	8.02	122	75101	32.091	ng	96
33) 4-Chloroaniline	8.31	127	92951	18.414	ng	99
34) Hexachlorobutadiene	8.37	225	131821	50.855	ng	98
35) Caprolactam	8.69	113	52480m	44.584	ng	
36) 4-Chloro-3-methylphenol	8.80	107	177177	46.614	ng	97
37) 2-Methylnaphthalene	8.95	142	418232	52.450	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	220863	50.467	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	160757	71.395	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106931.D
 Acq On : 28 Jun 2018 20:02
 Operator : JU/SJ
 Sample : PB110673BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

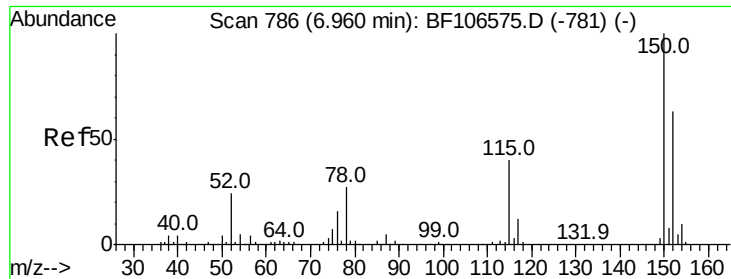
Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:45 PM

Quant Time: Jun 29 09:13:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	121757	41.854	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	129957	42.812	nq #	90
45) 1,1'-Biphenyl	9.41	154	492346	47.539	nq	98
46) 2-Chloronaphthalene	9.44	162	366052	44.903	nq	95
47) 2-Nitroaniline	9.54	65	107064	39.056	nq	96
48) Acenaphthylene	9.86	152	567931	44.126	nq	98
49) Dimethylphthalate	9.71	163	418300	42.917	nq	99
50) 2,6-Dinitrotoluene	9.78	165	98319	47.638	nq #	82
51) Acenaphthene	10.03	154	343334	42.362	nq	98
52) 3-Nitroaniline	9.95	138	51960	21.878	nq	96
53) 2,4-Dinitrophenol	10.07	184	81346	76.087	nq #	20
54) Dibenzofuran	10.20	168	531690	47.909	nq	97
55) 4-Nitrophenol	10.13	139	92683	55.908	nq	95
56) 2,4-Dinitrotoluene	10.19	165	125652	46.642	nq	88
57) Fluorene	10.55	166	410502	46.613	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	112694	46.703	nq #	77
59) Diethylphthalate	10.41	149	385726	41.003	nq	95
60) 4-Chlorophenyl-phenylether	10.53	204	215588	46.787	nq #	87
61) 4-Nitroaniline	10.58	138	94312	40.013	nq	90
62) Azobenzene	10.70	77	374275	40.402	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	65920	44.073	nq #	72
65) n-Nitrosodiphenylamine	10.65	169	351336	43.169	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	145690	50.451	nq #	81
67) Hexachlorobenzene	11.10	284	152405	50.425	nq #	83
68) Atrazine	11.18	200	122631	47.397	nq	95
69) Pentachlorophenol	11.30	266	94856	62.898	nq	98
70) Phenanthrene	11.51	178	581296	49.809	nq	99
71) Anthracene	11.57	178	597212	50.134	nq	100
72) Carbazole	11.72	167	500580	44.884	nq	98
73) Di-n-butylphthalate	12.03	149	541506	41.214	nq	100
74) Fluoranthene	12.71	202	579228	45.029	nq	95
76) Benzidine	12.82	184	238092	53.684	nq	97
77) Pyrene	12.94	202	568477	55.358	nq	99
79) Butylbenzylphthalate	13.54	149	182709	43.274	nq #	97
80) Benzo(a)anthracene	14.13	228	464434	48.934	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	85778	25.715	nq #	95
82) Chrysene	14.17	228	430134	49.261	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	216728	40.151	nq	96
84) Di-n-octyl phthalate	14.72	149	329451	37.443	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	594752	80.264	nq #	89
87) Benzo(b)fluoranthene	15.22	252	431033	42.237	nq #	96
88) Benzo(k)fluoranthene	15.25	252	423298	43.557	nq #	94
89) Benzo(a)pyrene	15.61	252	442070	48.728	nq #	97
90) Dibenzo(a,h)anthracene	17.27	278	488680	63.560	nq #	92
91) Benzo(g,h,i)perylene	17.73	276	524504	69.795	nq #	89

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



#1

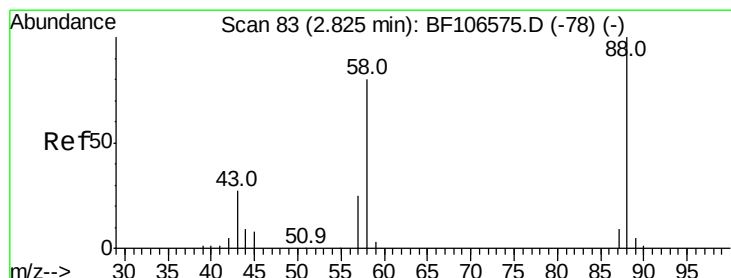
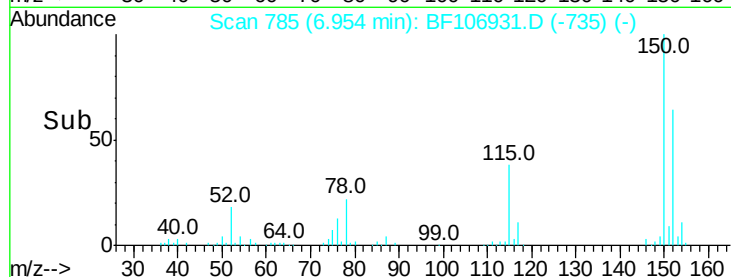
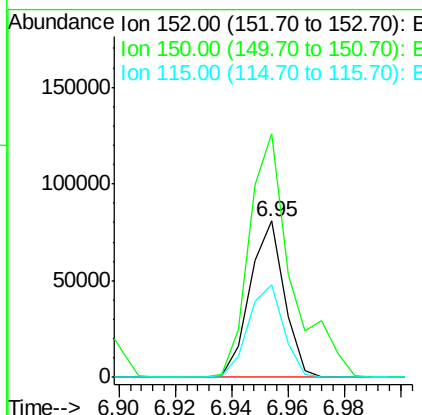
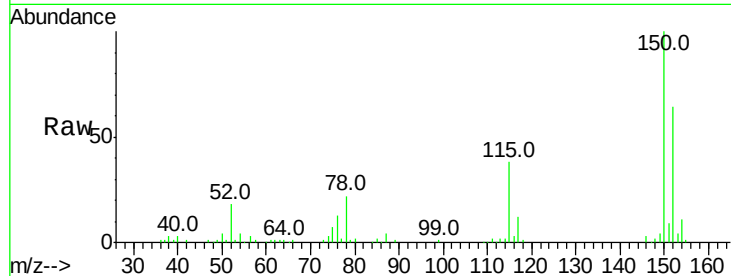
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	59.4	50.1	75.1

Manual Integrations
APPROVED

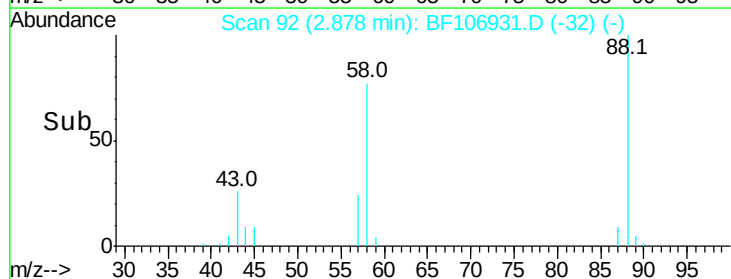
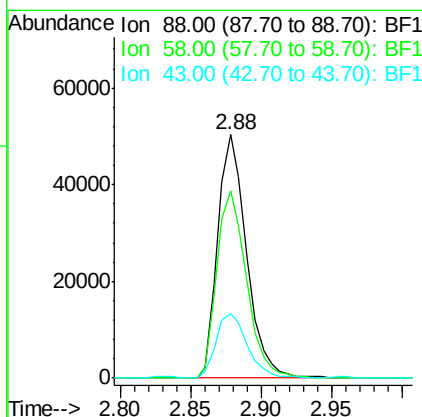
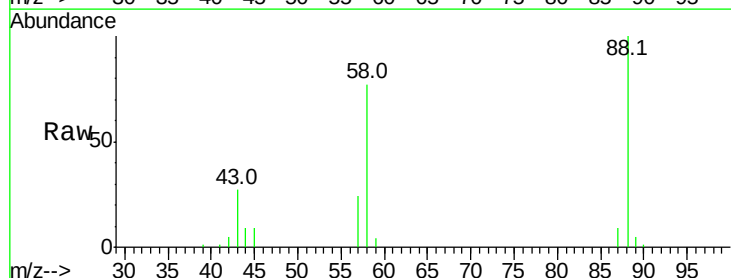
Sohil
6/29/2018 2:30:45 PM

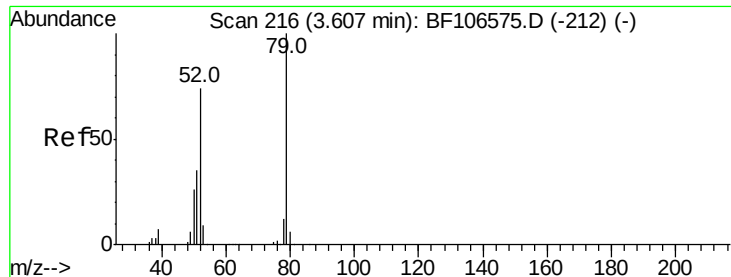


#2

1,4-Dioxane
Concen: 34.630 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	62.6	93.8
43	28.7	24.6	37.0





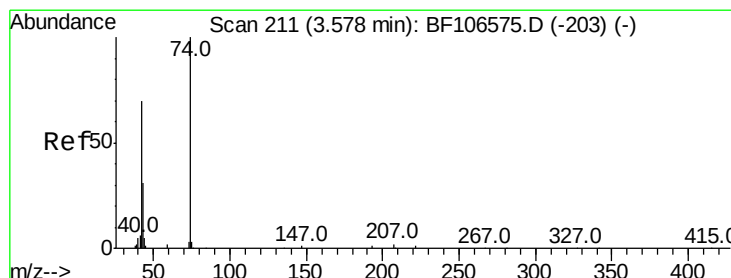
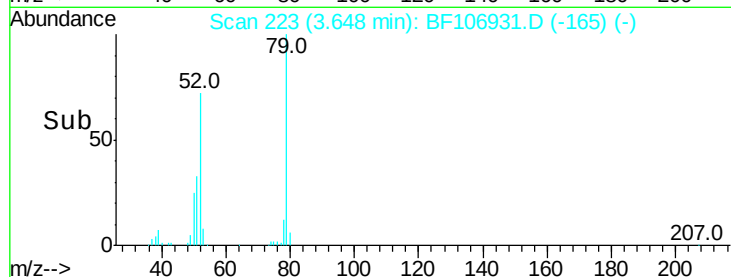
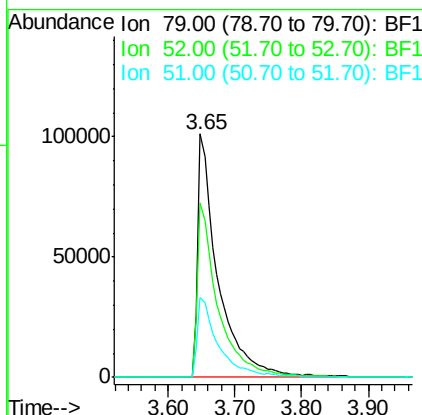
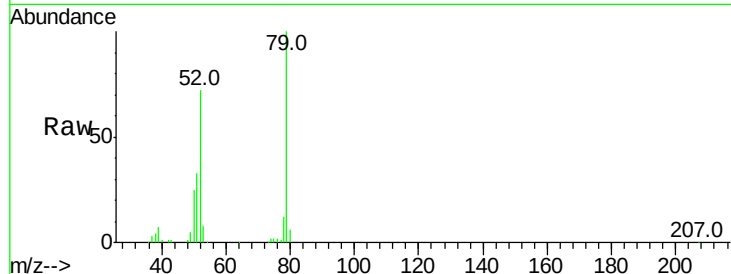
#3
 Pvridine
 Concen: 37.071 ng
 RT: 3.65 min Scan# 223
 Delta R.T. 0.04 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.9	59.8	89.6
51	32.9	29.8	44.8

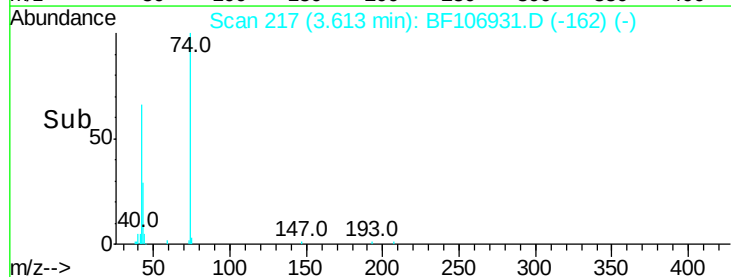
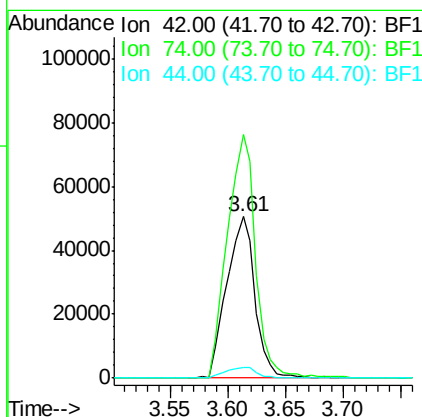
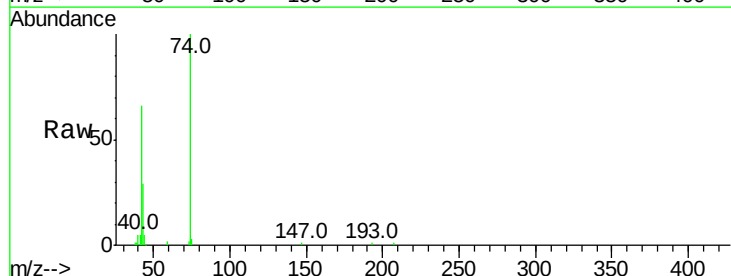
Manual Integrations
 APPROVED

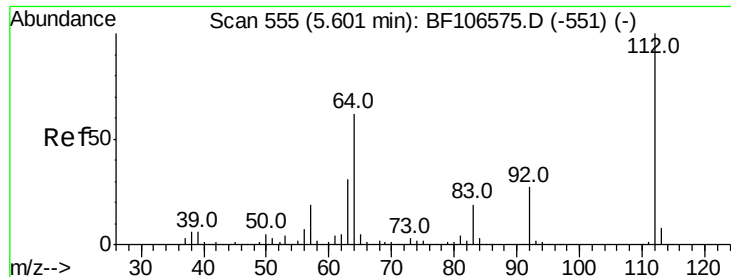
Sohil
 6/29/2018 2:30:45 PM



#4
 n-Nitrosodimethylamine
 Concen: 35.893 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.02 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.1	104.9	157.3
44	6.8	6.9	10.3





#5

2-Fluorophenol

Concen: 124.425 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

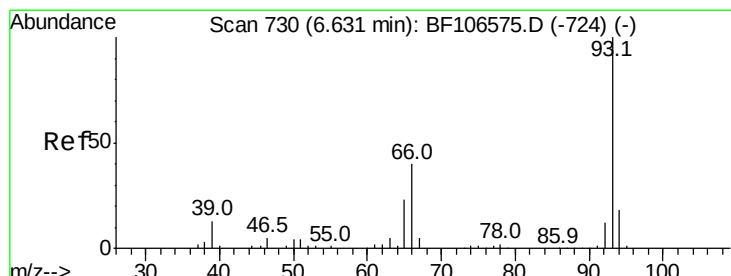
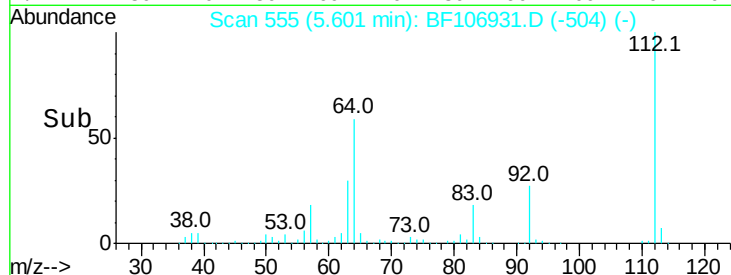
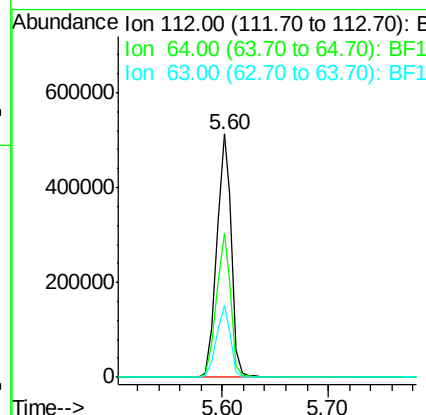
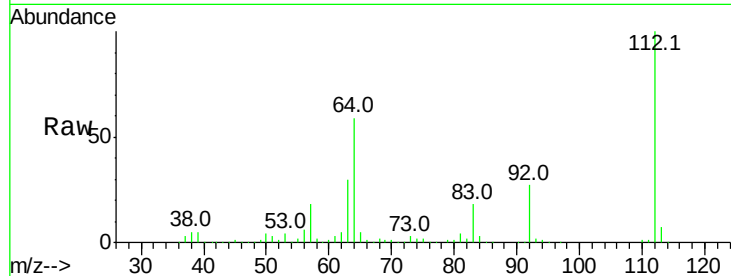
ClientSampleId :

PB110673BSD

Tot Ion:	112	Resp:	500701
Ion Ratio	Lower	Upper	
112	100		
64	59.1	47.9	71.9
63	29.7	23.7	35.5

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#6

Aniline

Concen: 31.600 ng

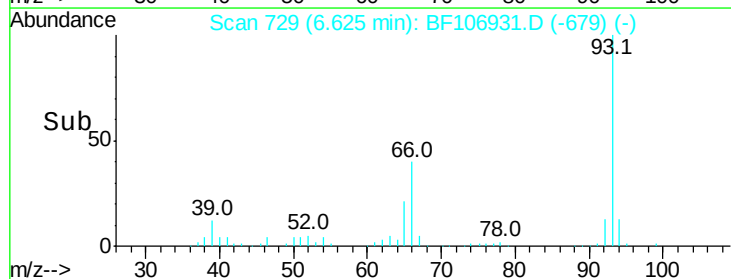
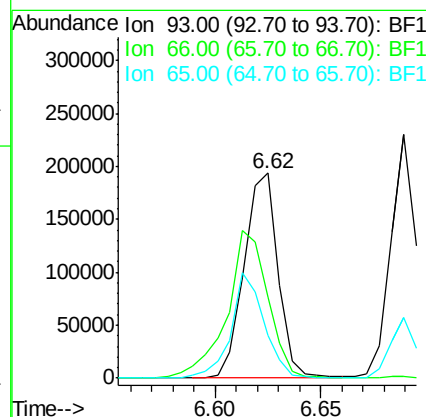
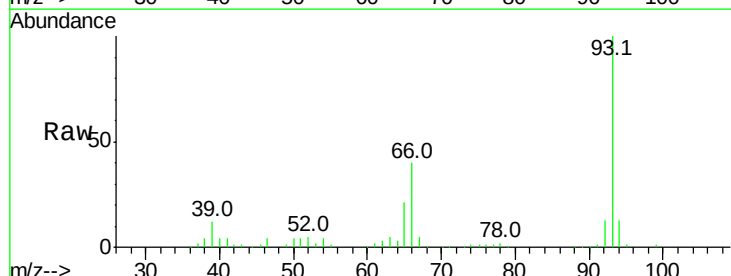
RT: 6.62 min Scan# 729

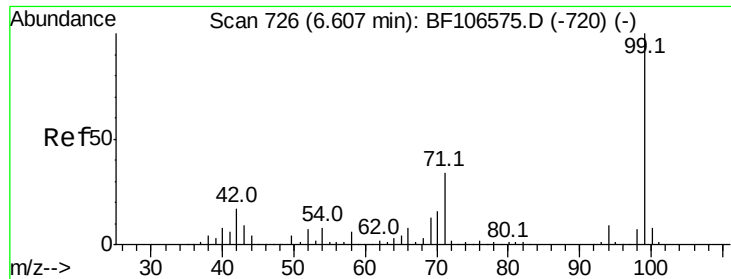
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	93	Resp:	215414
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.2	48.2
65	21.1	16.4	24.6





#7

Phenol-d6

Concen: 126.090 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

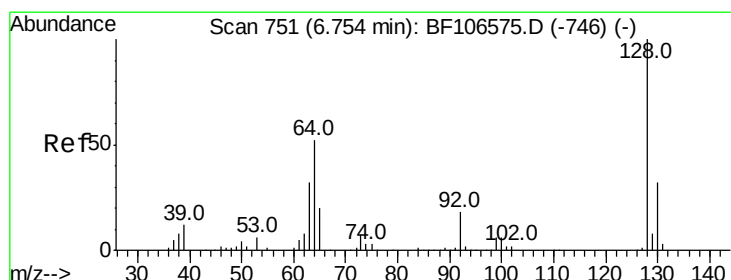
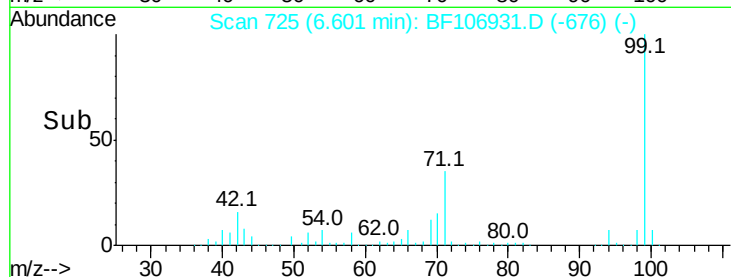
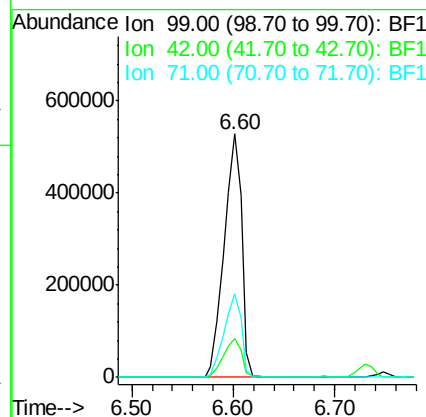
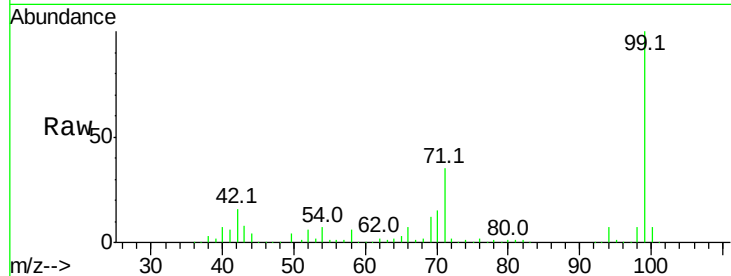
ClientSampleId :

PB110673BSD

Tot Ion:	99	Resp:	633644
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	34.6	25.4	38.0

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#8

2-Chlorophenol

Concen: 44.020 ng

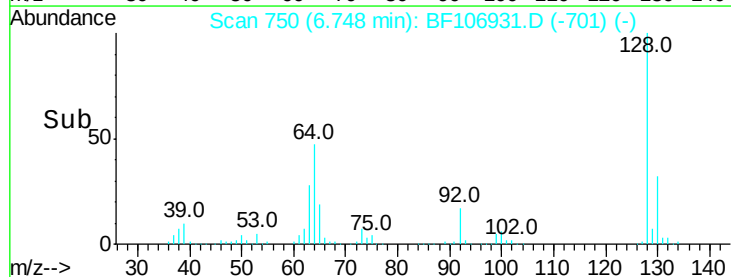
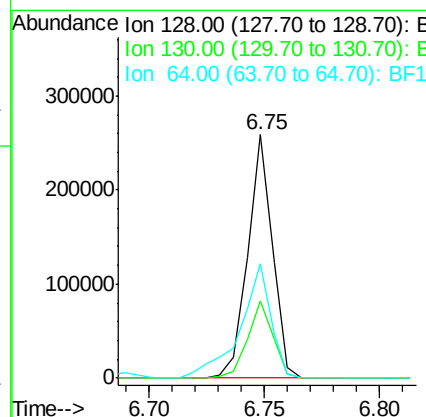
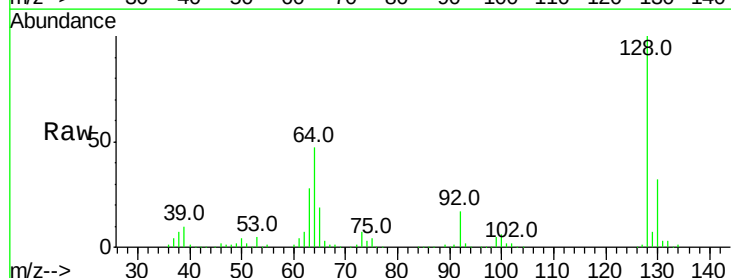
RT: 6.75 min Scan# 750

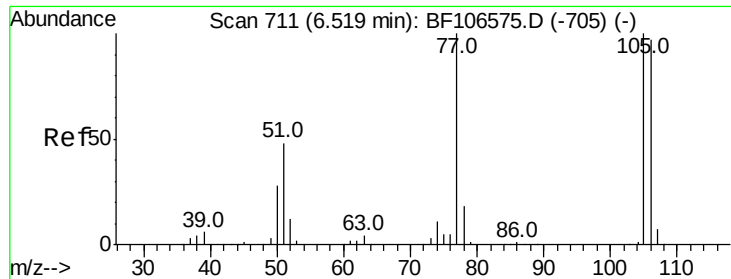
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	128	Resp:	194292
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	46.9	29.4	69.4





#9

Benzaldehyde

Concen: 31.376 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

PB110673BSD

Tot Ion: 77 Resp: 113680

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

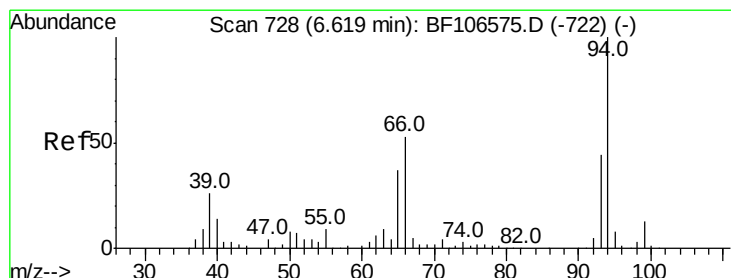
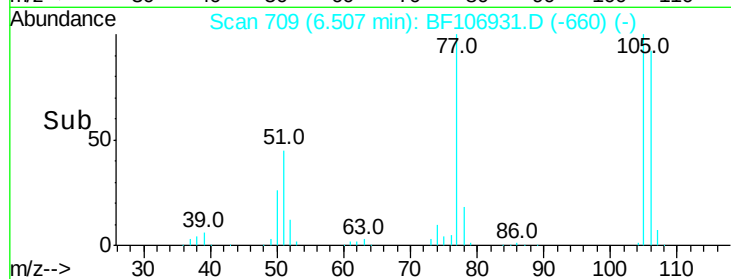
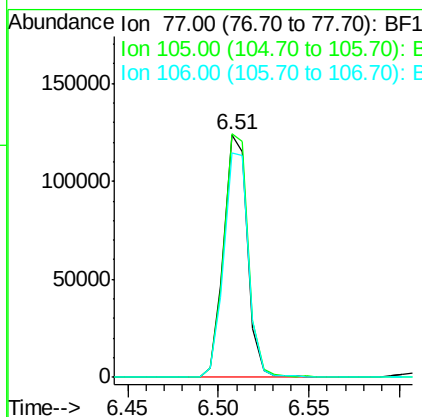
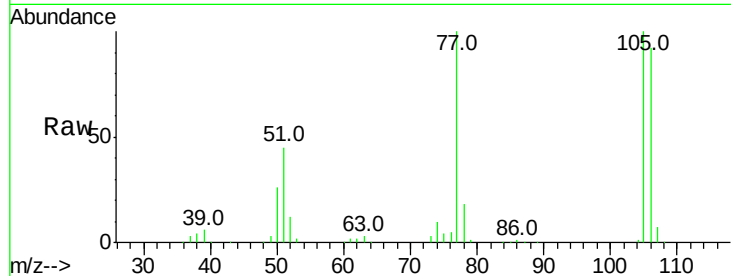
106 92.8 74.5 114.5

Manual Integrations

APPROVED

Sohil

6/29/2018 2:30:45 PM



#10

Phenol

Concen: 41.006 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

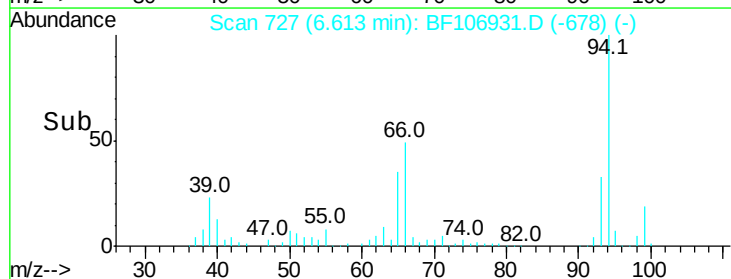
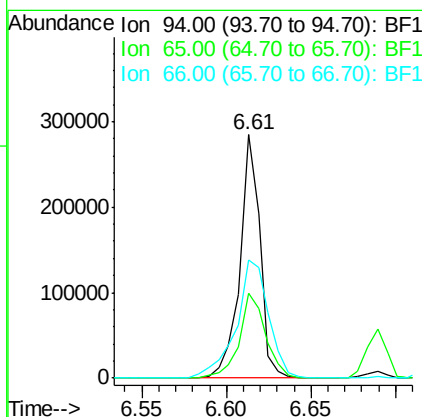
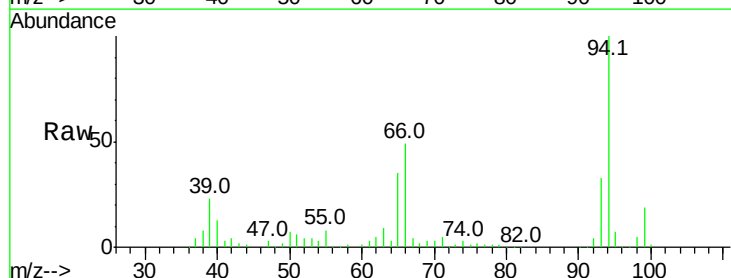
Tgt Ion: 94 Resp: 235171

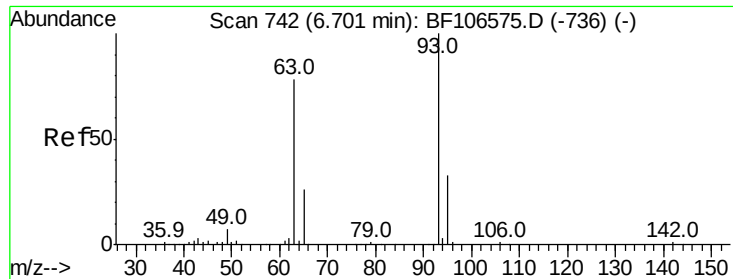
Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

66 48.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.134 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

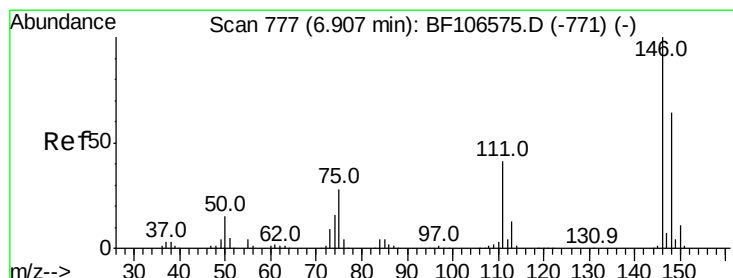
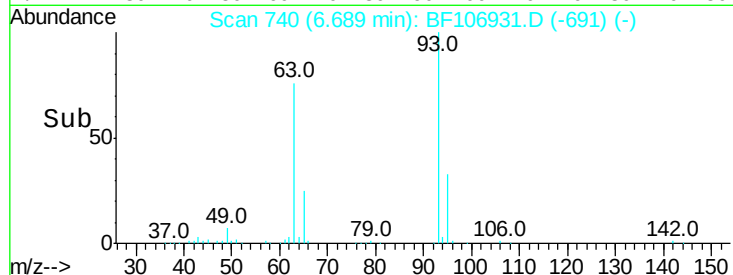
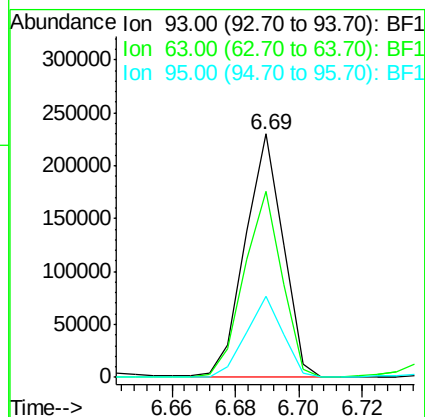
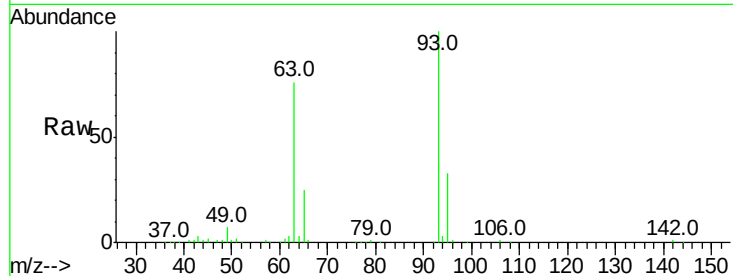
ClientSampleId :

PB110673BSD

Tot Ion:	93	Resp:	190018
Ion Ratio	Lower	Upper	
93	100		
63	76.5	58.6	98.6
95	33.3	11.8	51.8

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#12

1,3-Dichlorobenzene

Concen: 44.279 ng

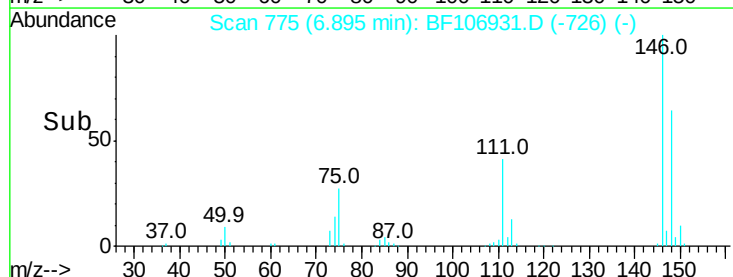
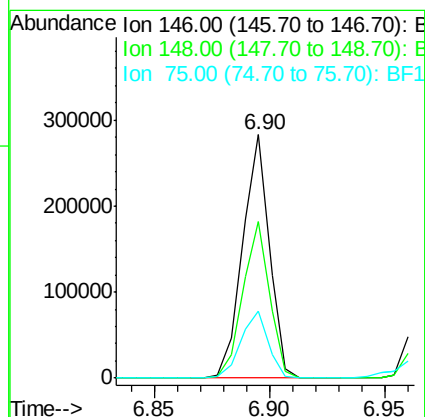
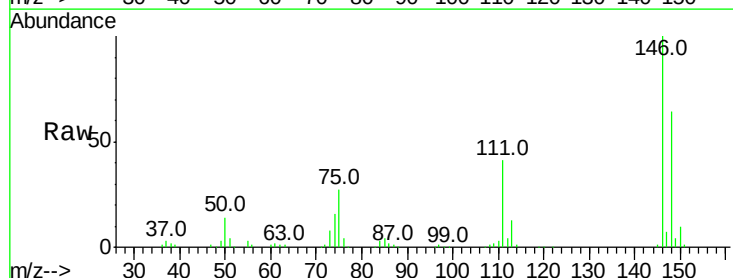
RT: 6.90 min Scan# 775

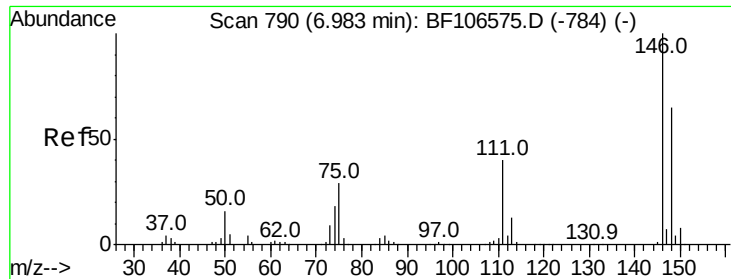
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	146	Resp:	228896
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.8
75	27.4	24.2	36.4





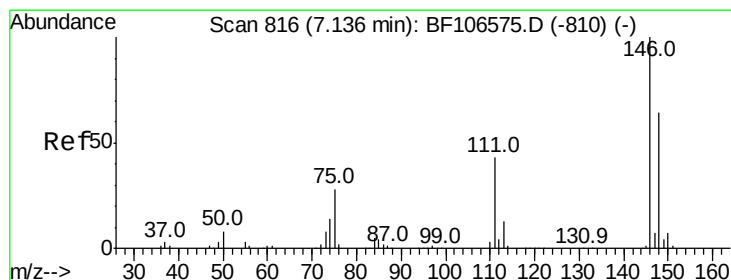
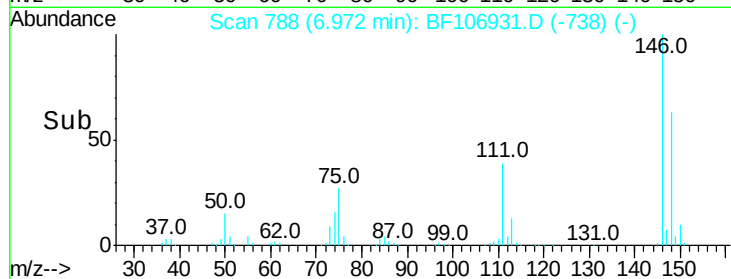
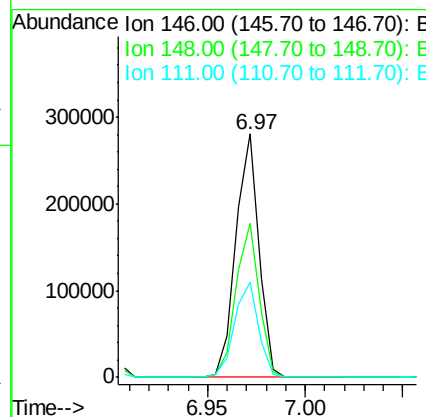
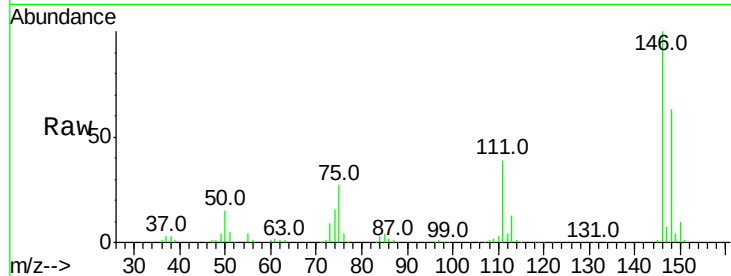
#13
 1,4-Dichlorobenzene
 Concen: 44.202 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	39.2	34.2	51.2

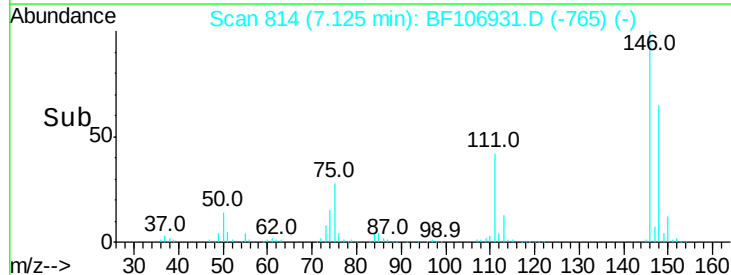
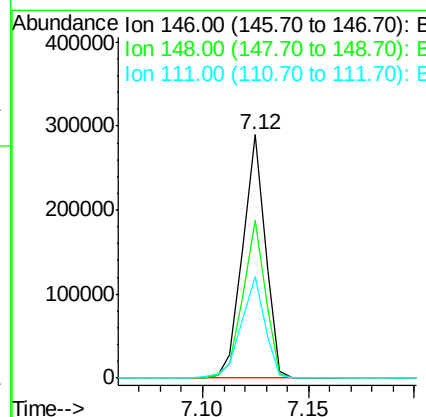
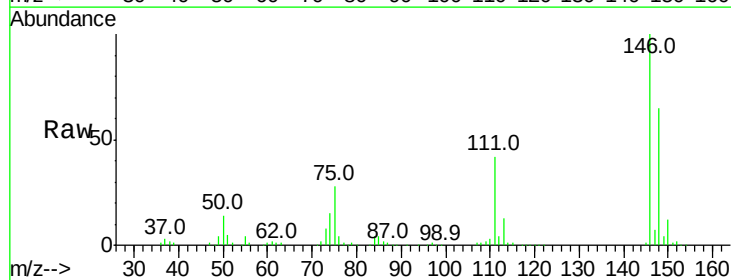
Manual Integrations
 APPROVED

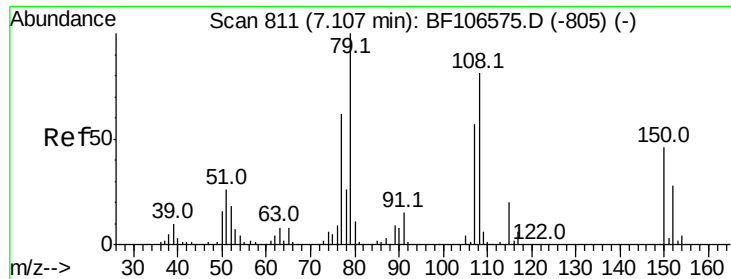
Sohil
 6/29/2018 2:30:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.856 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	41.8	36.0	54.0





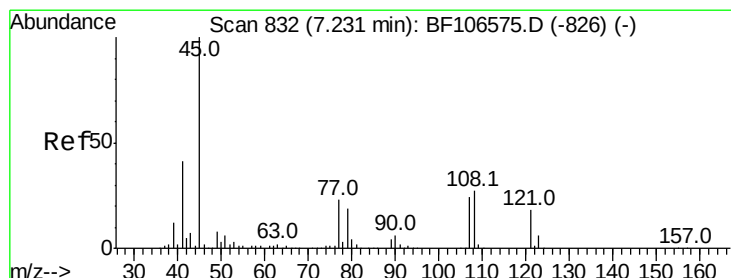
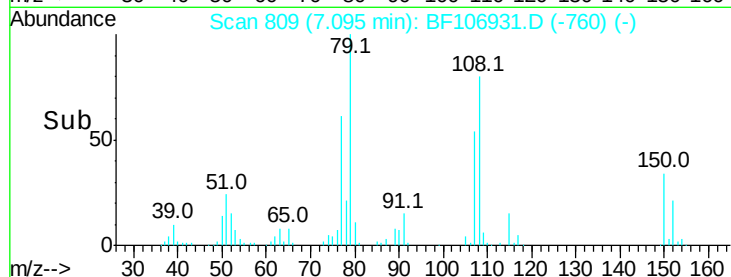
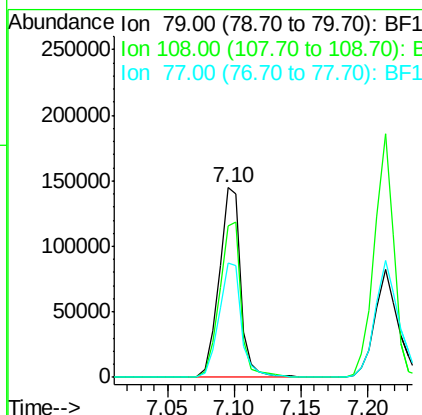
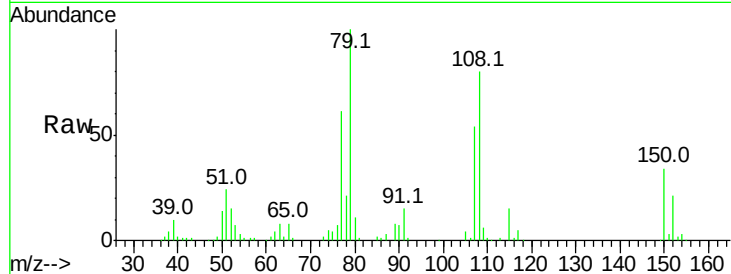
#15
Benzyl Alcohol
Concen: 40.964 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	65.1	97.7
77	60.5	50.6	75.8

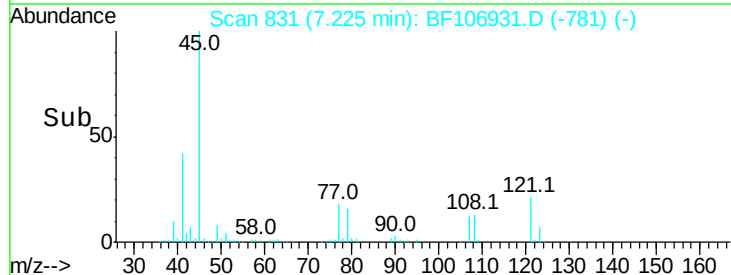
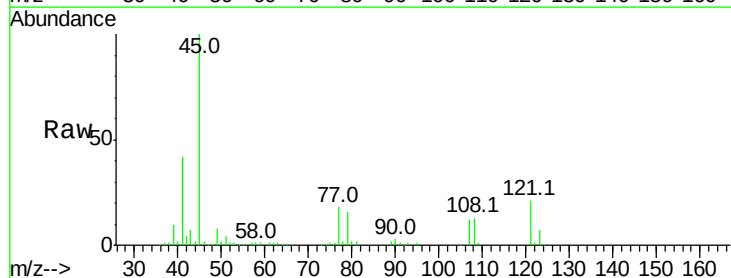
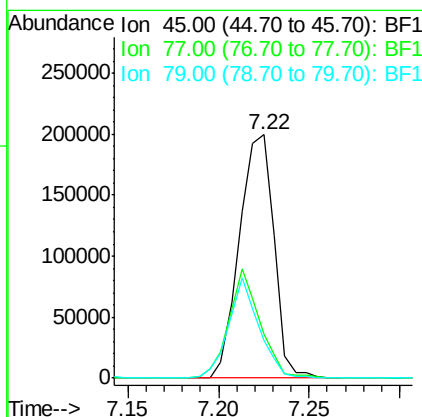
Manual Integrations
APPROVED

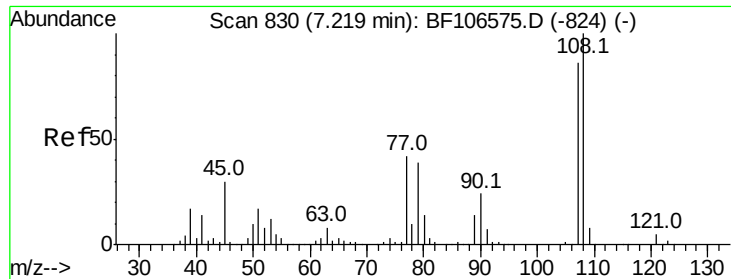
Sohil
6/29/2018 2:30:45 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.643 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	32.9
79	15.6	0.0	29.6





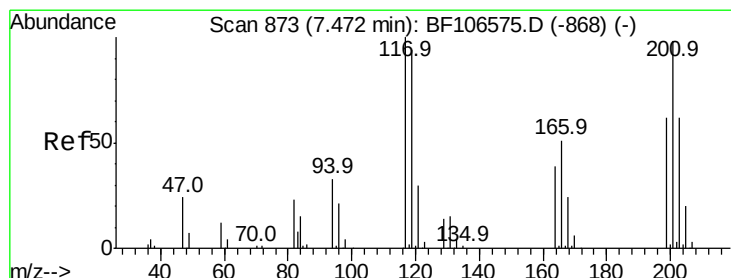
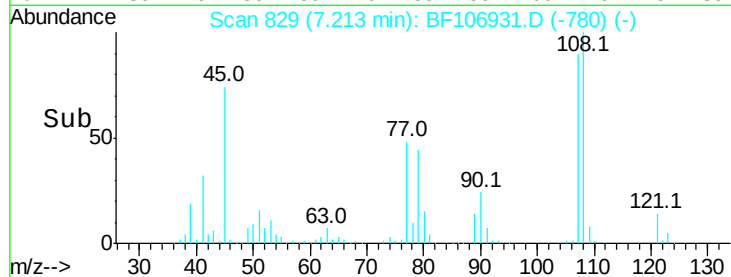
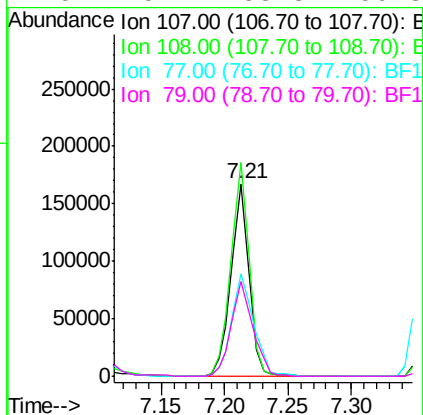
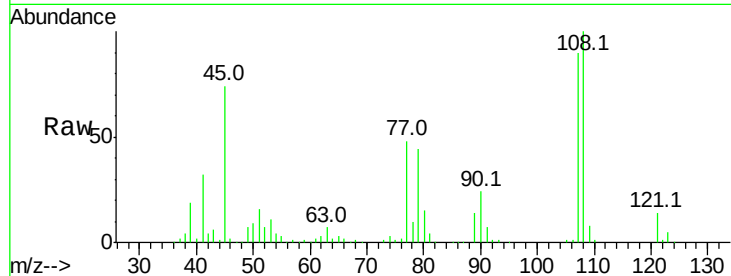
#17
2-Methylphenol
Concen: 43.548 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	53.4	33.8	50.8
79	49.4	33.8	50.8

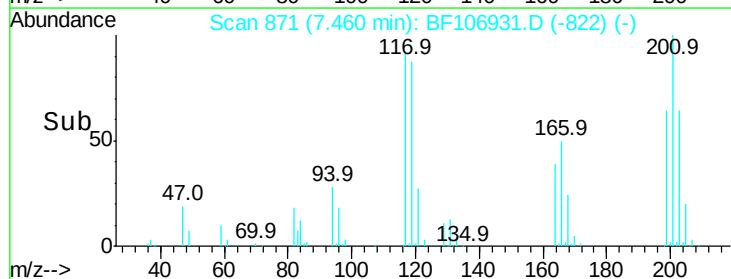
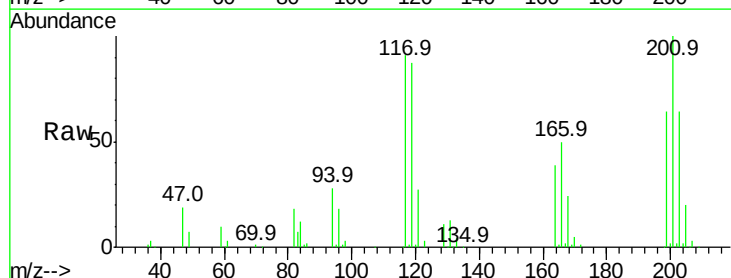
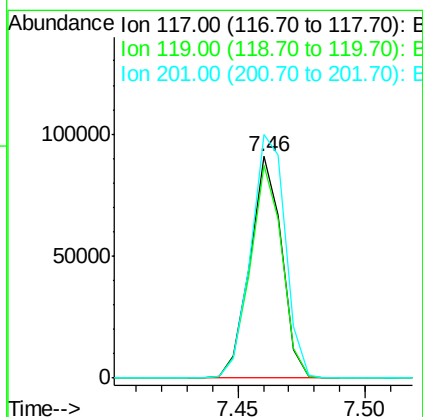
Manual Integrations
APPROVED

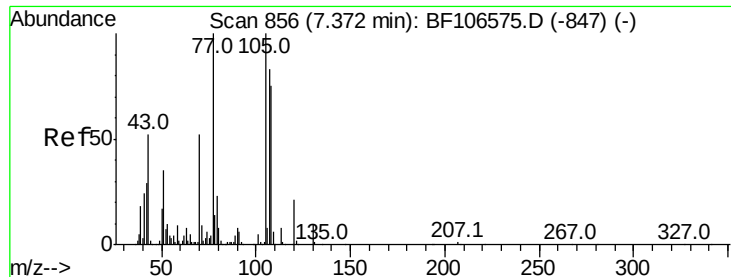
Sohil
6/29/2018 2:30:45 PM



#18
Hexachloroethane
Concen: 42.998 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	109.9	75.7	113.5





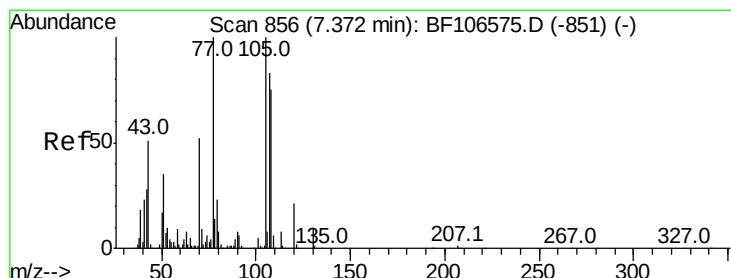
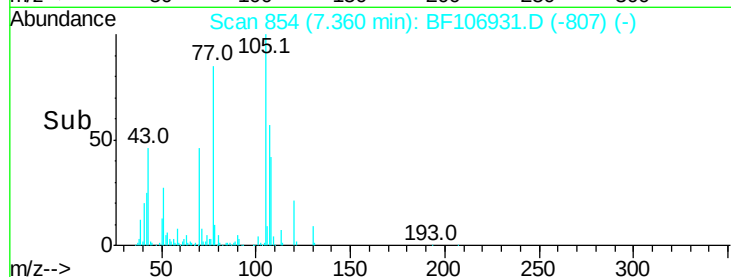
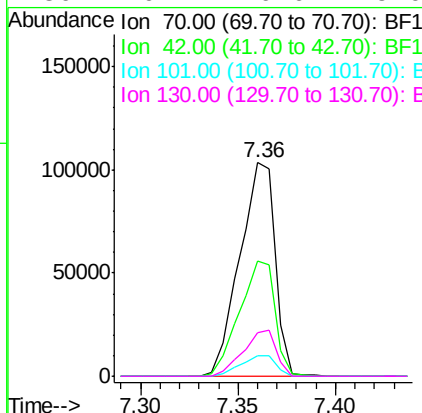
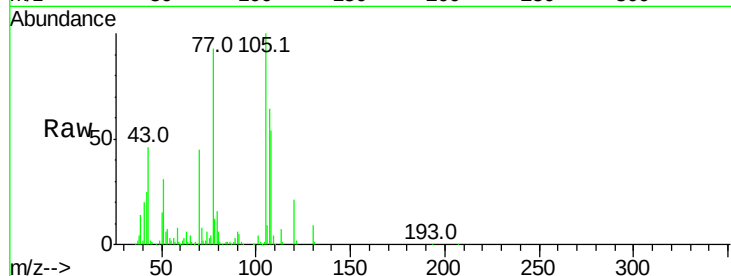
#19
n-Nitroso-di-n-propylamine
Concen: 39.145 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	70	Resp	129671
Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	9.7	7.4	11.2
130	20.1	16.6	25.0

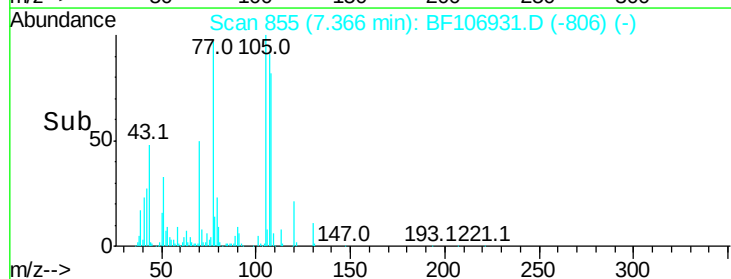
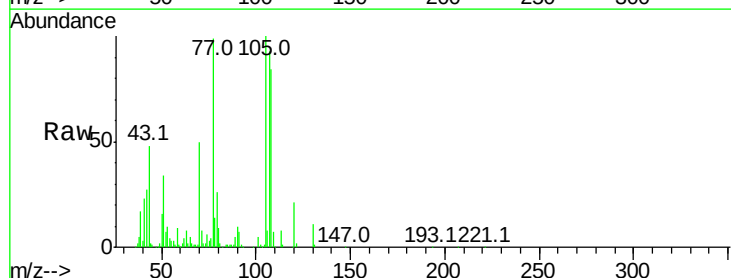
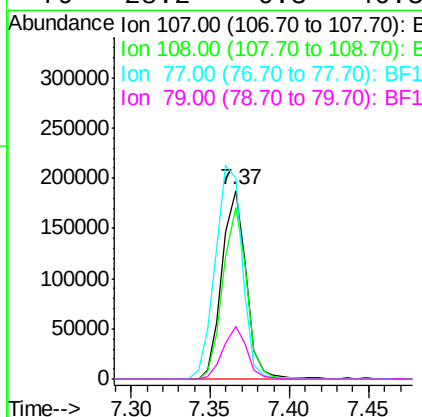
Manual Integrations
APPROVED

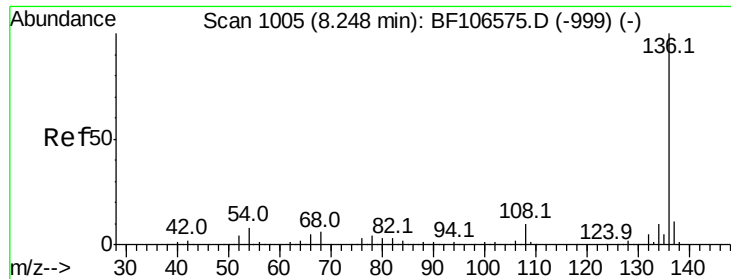
Sohil
6/29/2018 2:30:45 PM



#20
3+4-Methylphenols
Concen: 50.828 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	107	Resp	199756
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	106.7	26.7	66.7#
79	28.2	6.3	46.3





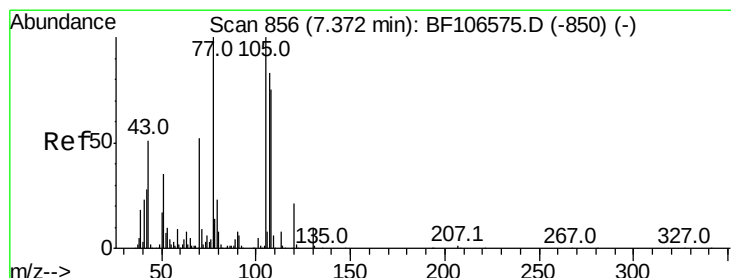
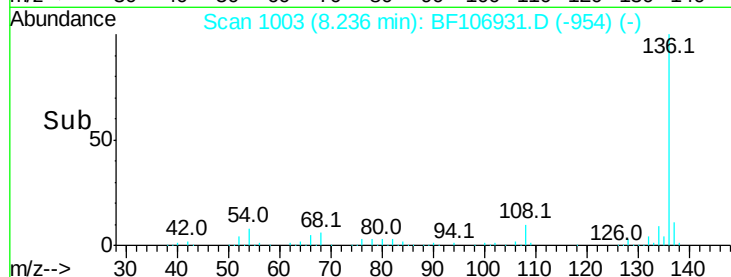
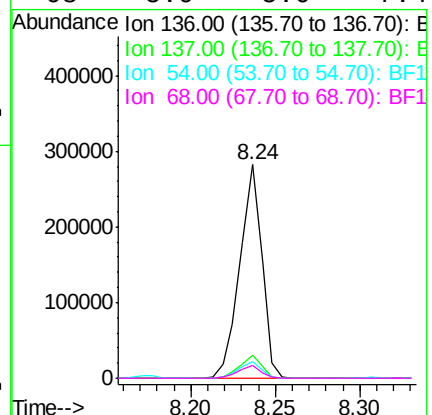
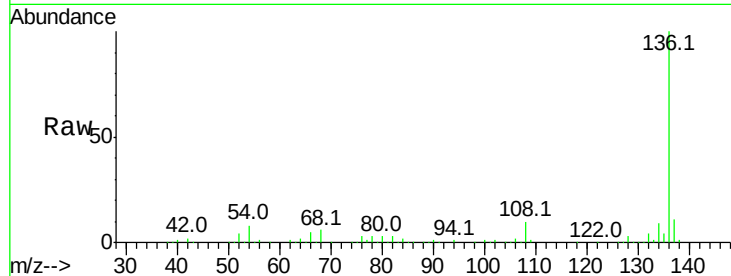
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	257314		
137	11.0		8.9	13.3
54	7.6		6.6	9.8
68	5.9		5.0	7.4

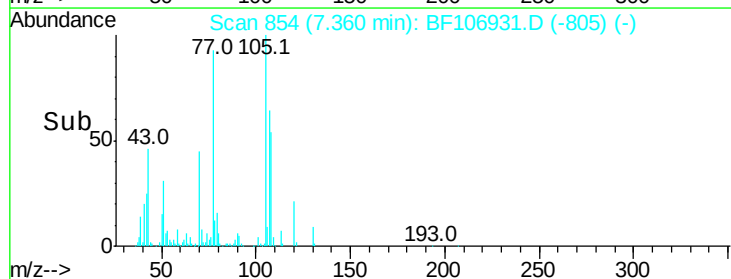
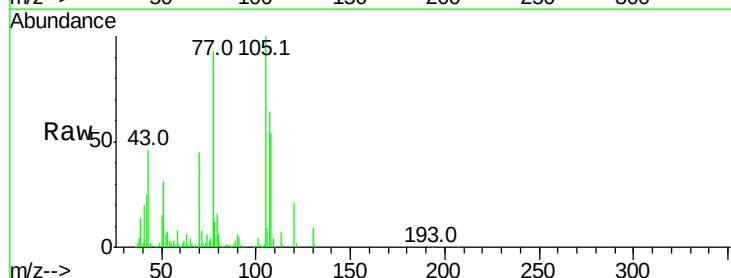
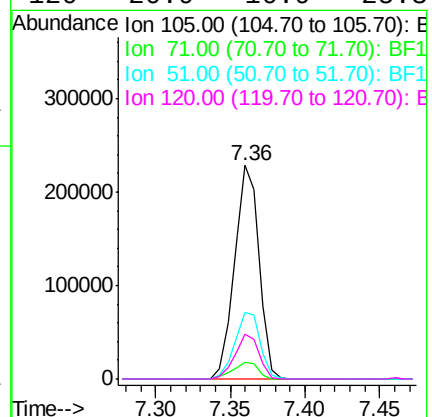
Manual Integrations
APPROVED

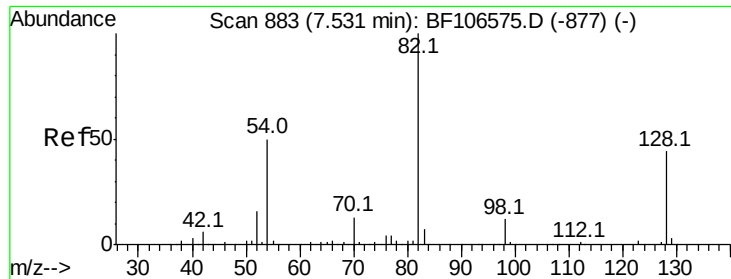
Sohil
6/29/2018 2:30:45 PM



#22
Acetophenone
Concen: 45.815 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263747		
71	7.6		4.4	6.6#
51	31.3		22.3	33.5
120	20.9		16.9	25.3





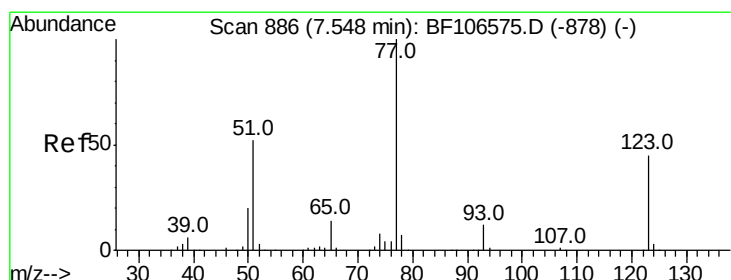
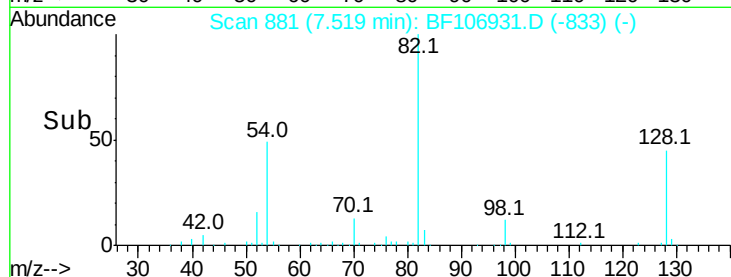
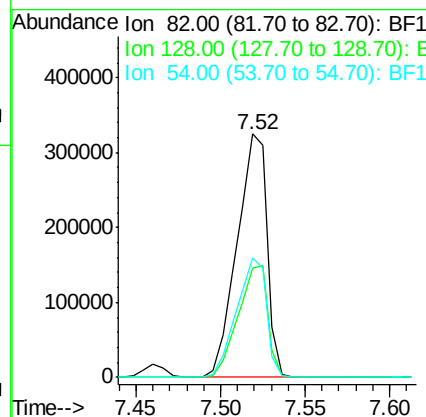
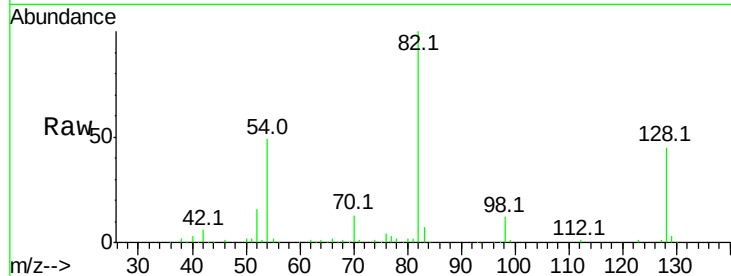
#23
 Nitrobenzene-d5
 Concen: 86.572 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	36.1	54.1	
54	49.3	41.4	62.2	

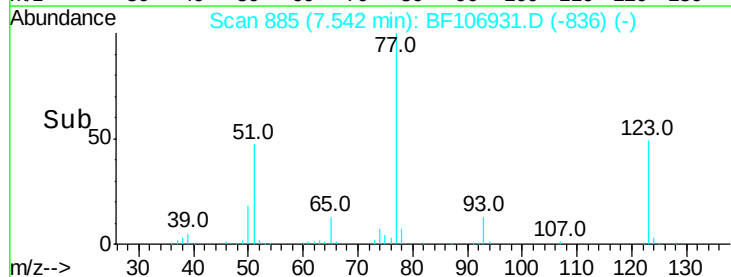
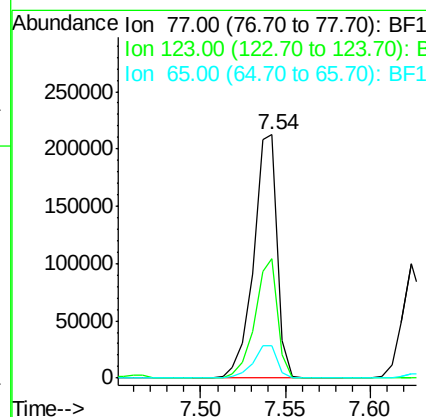
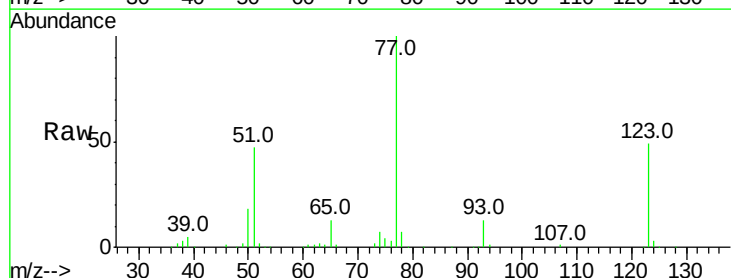
Manual Integrations
 APPROVED

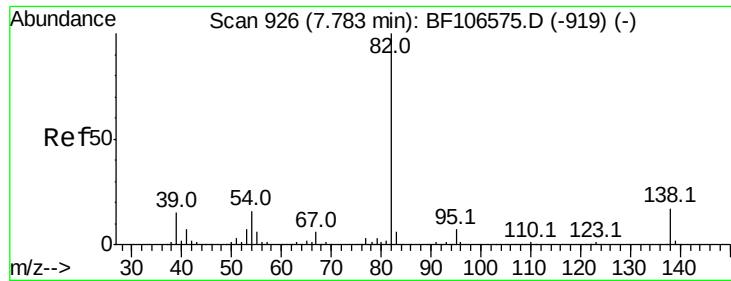
Sohil
 6/29/2018 2:30:45 PM



#24
 Nitrobenzene
 Concen: 44.014 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	37.9	56.9	
65	13.2	11.0	16.4	





#25

Isophorone

Concen: 45.462 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

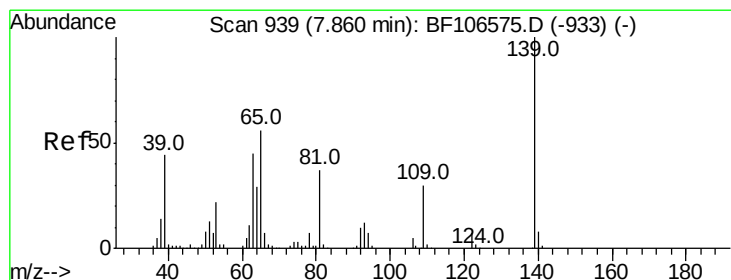
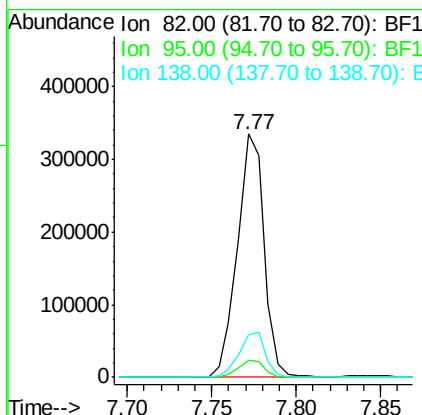
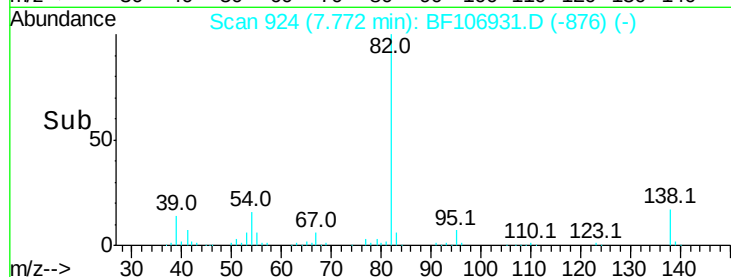
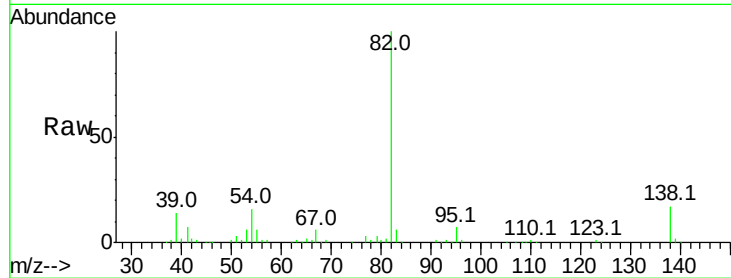
ClientSampleId :

PB110673BSD

Tot Ion:	82	Resp:	370924
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#26

2-Nitrophenol

Concen: 49.442 ng

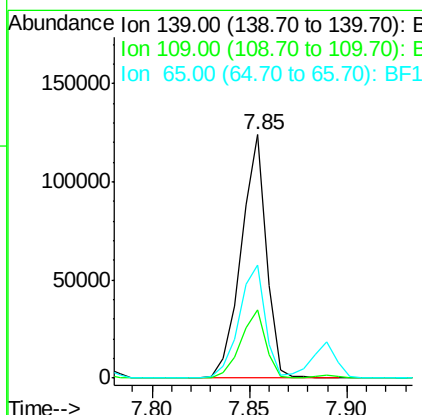
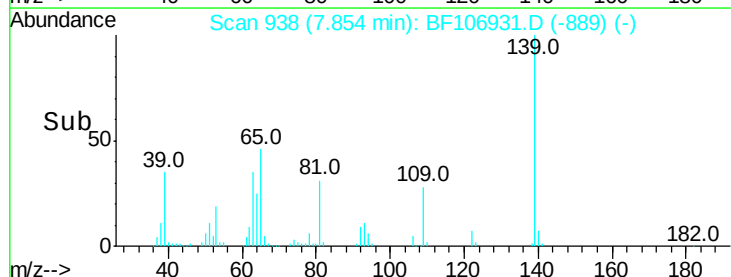
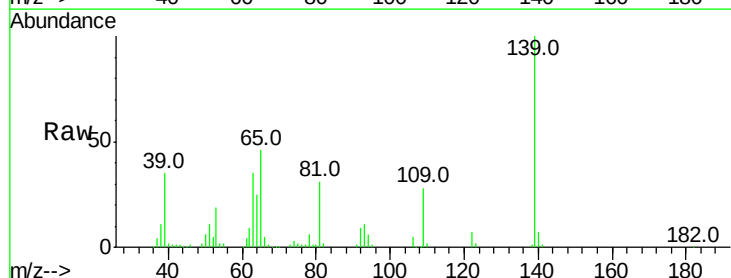
RT: 7.85 min Scan# 938

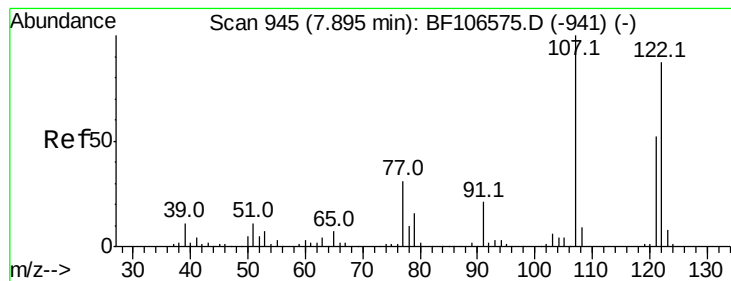
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	139	Resp:	110333
Ion Ratio	Lower	Upper	
139	100		
109	28.3	22.7	34.1
65	46.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 51.012 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

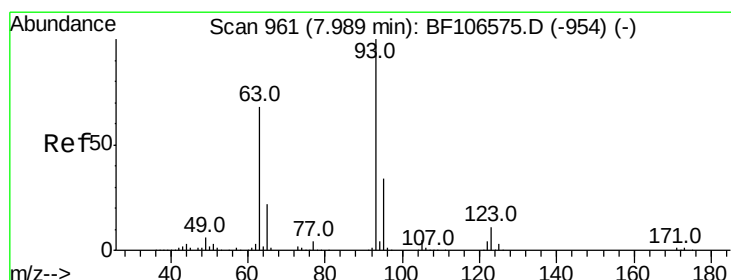
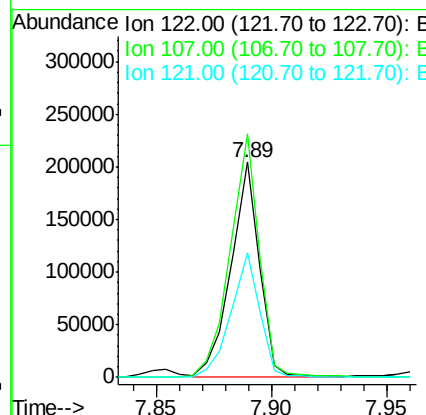
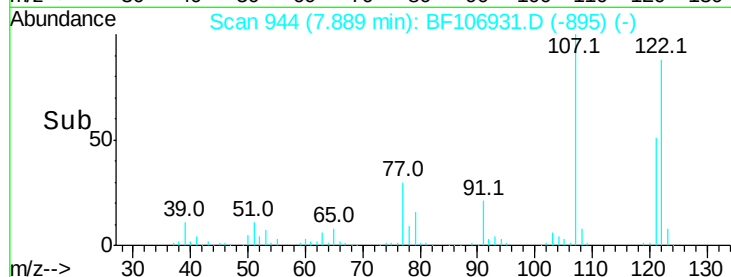
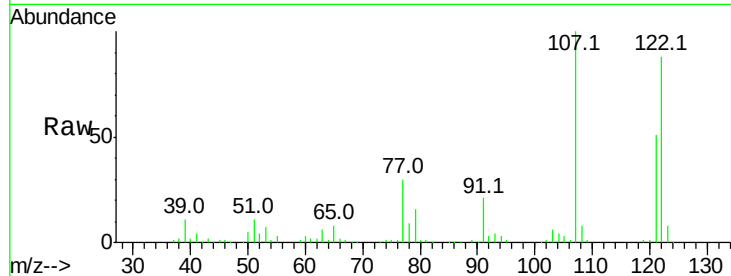
ClientSampleId :

PB110673BSD

Tot Ion:	122	Resp:	175950
Ion Ratio	Lower	Upper	
122	100		
107	113.0	91.2	136.8
121	58.1	47.2	70.8

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.479 ng

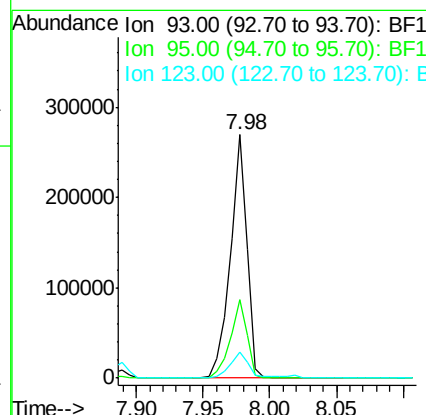
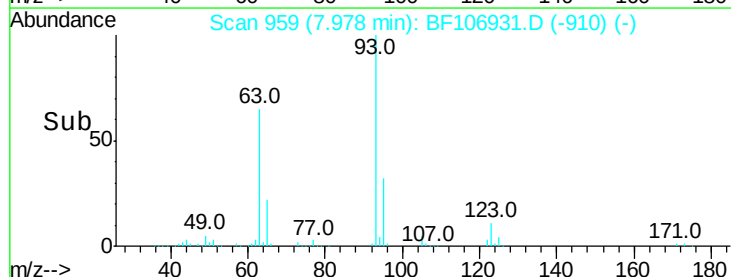
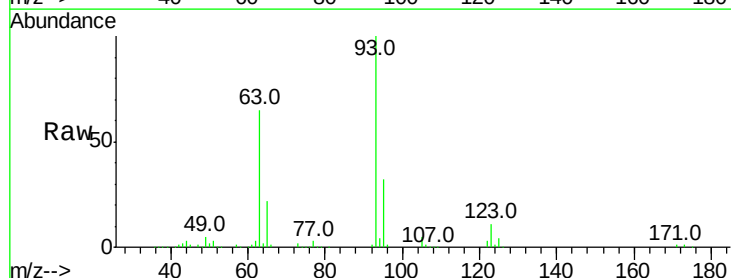
RT: 7.98 min Scan# 959

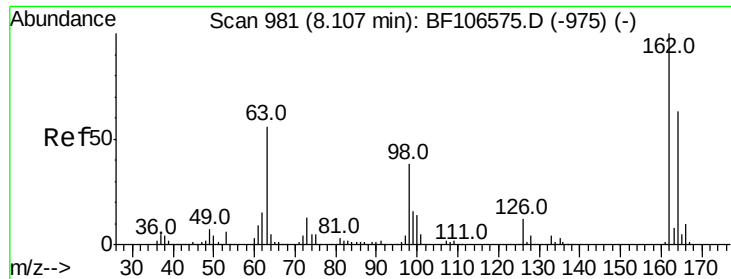
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	93	Resp:	238187
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	10.8	9.8	14.6





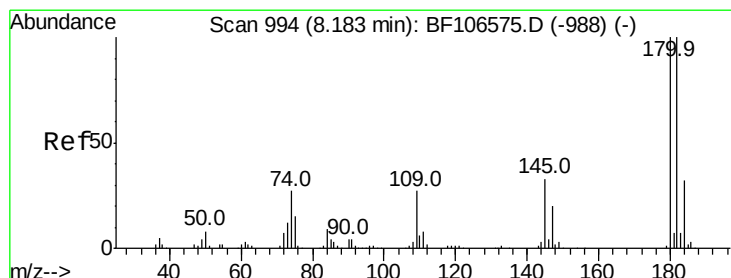
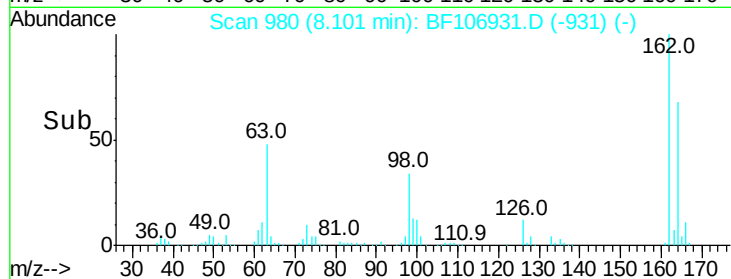
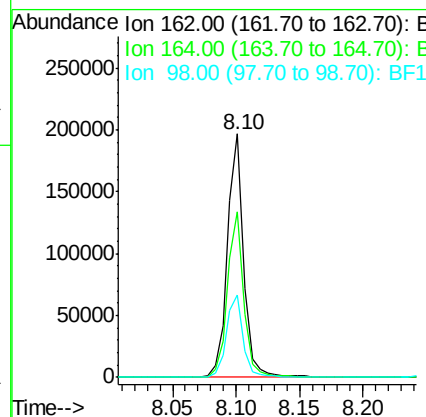
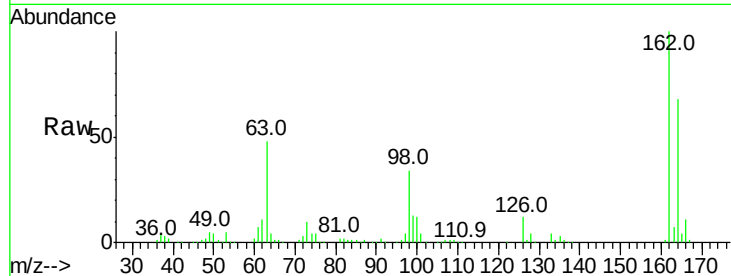
#29
 2,4-Dichlorophenol
 Concen: 48.764 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion:	162	Resp:	176092
Ion Ratio	Lower	Upper	
162	100		
164	68.1	42.7	82.7
98	33.7	18.1	58.1

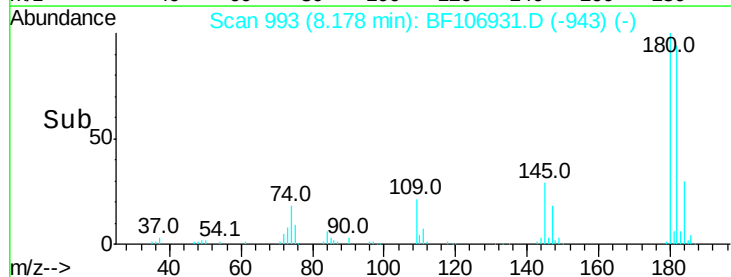
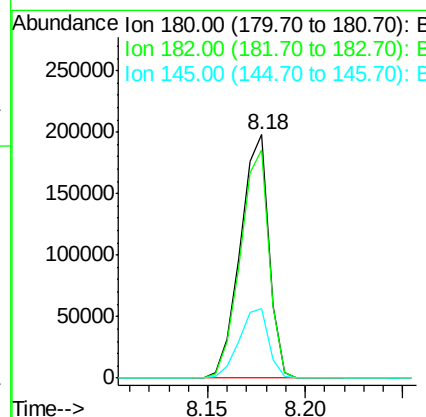
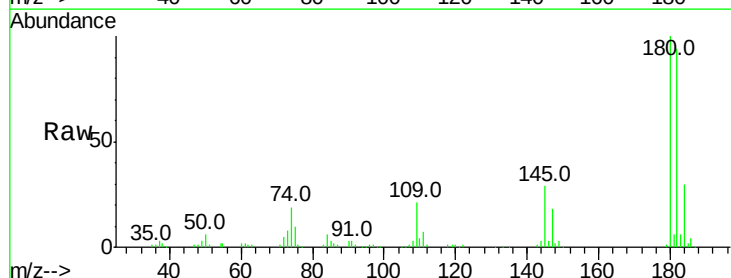
Manual Integrations
 APPROVED

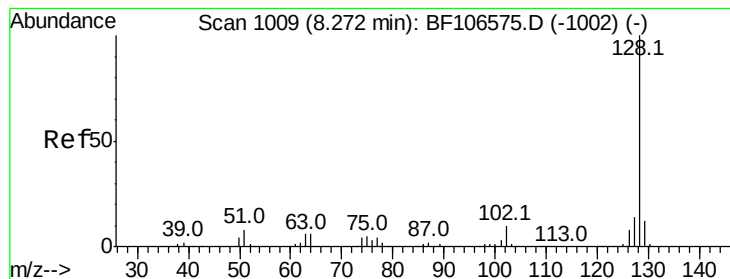
Sohil
 6/29/2018 2:30:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.698 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion:	180	Resp:	201679
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.8	115.2
145	28.5	26.5	39.7





#31

Naphthalene

Concen: 46.782 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

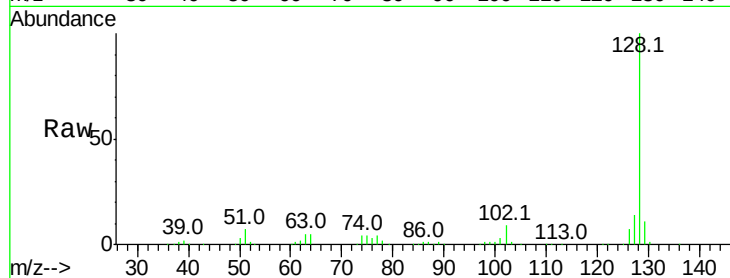
ClientSampleId :

PB110673BSD

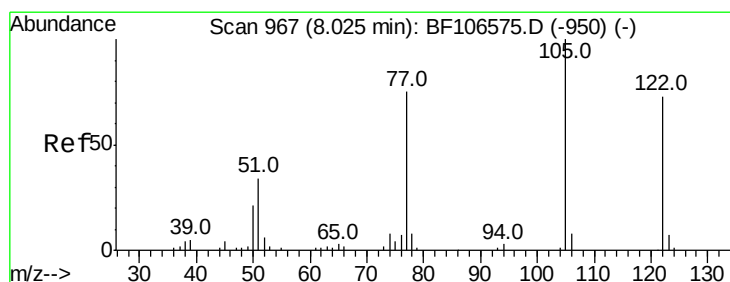
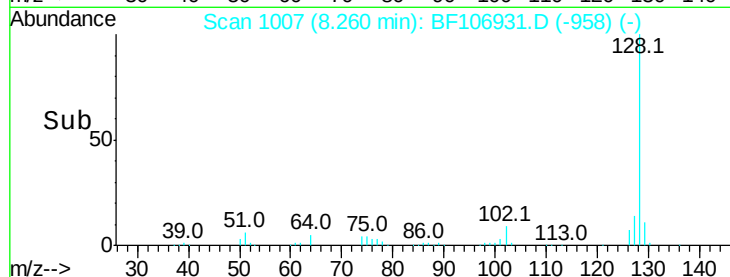
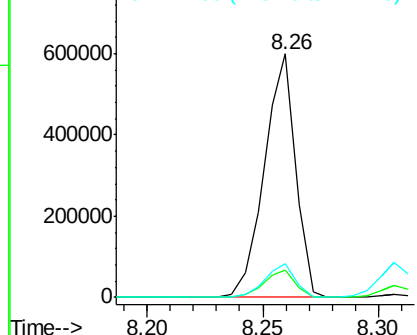
Tot Ion:	128	Resp:	562791
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 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: 32.091 ng

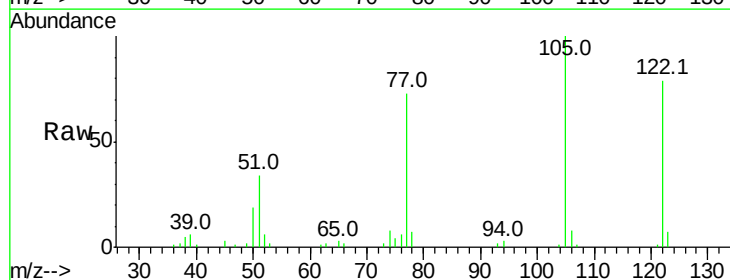
RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

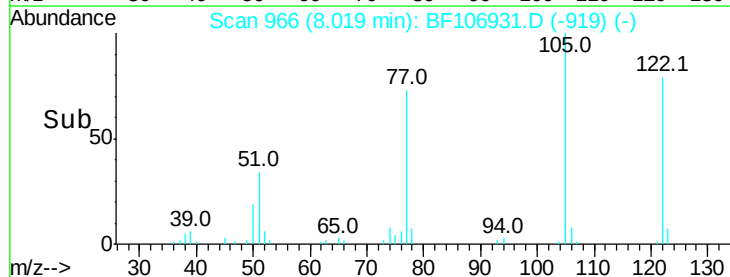
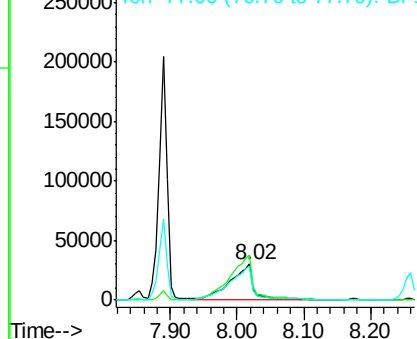
Lab File: BF106931.D

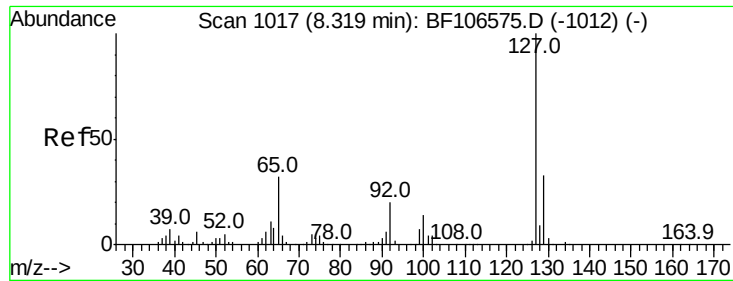
Acq: 28 Jun 2018 20:02

Tgt Ion:	122	Resp:	75101
Ion Ratio	Lower	Upper	
122	100		
105	126.6	101.1	141.1
77	93.0	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





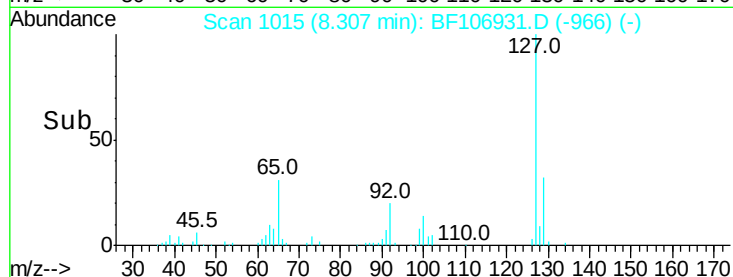
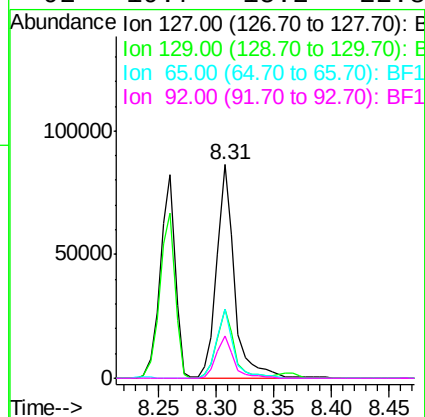
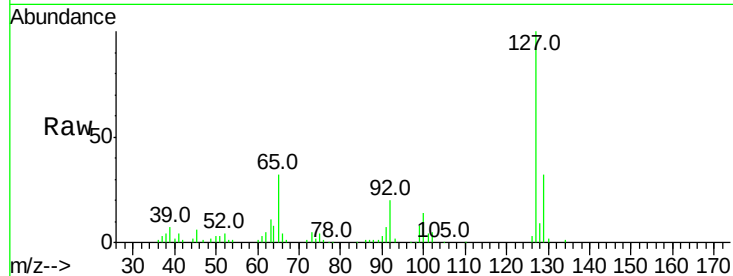
#33
4-Chloroaniline
Concen: 18.414 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	32.1	25.0	37.4	
92	19.7	15.2	22.8	

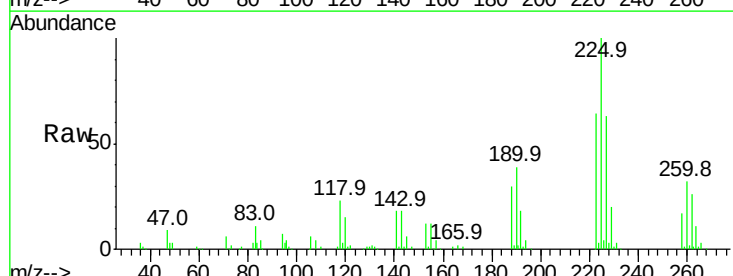
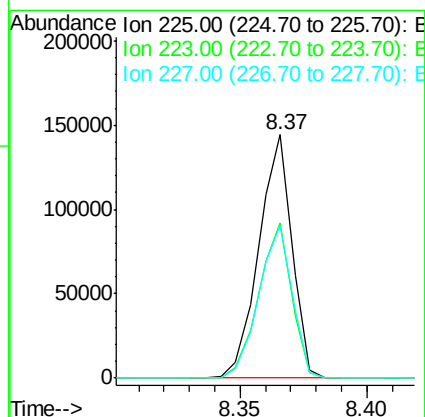
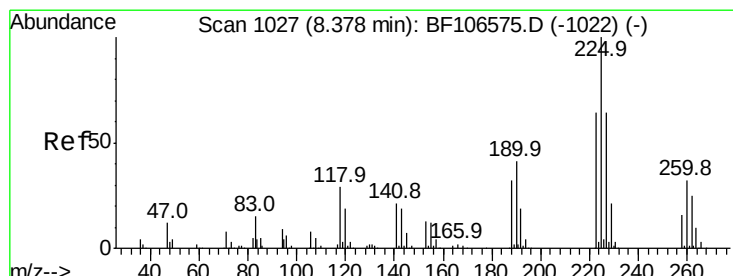
Manual Integrations
APPROVED

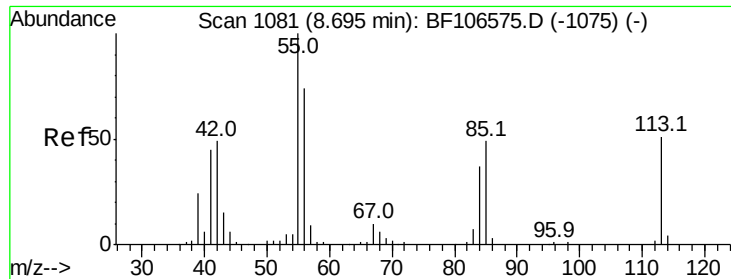
Sohil
6/29/2018 2:30:45 PM



#34
Hexachlorobutadiene
Concen: 50.855 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	62.9	51.9	77.9	





#35

Caprolactam

Concen: 44.584 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

PB110673BSD

Tot Ion:113 Resp: 52480

Ion Ratio Lower Upper

113 100

55 166.6 163.3 203.3

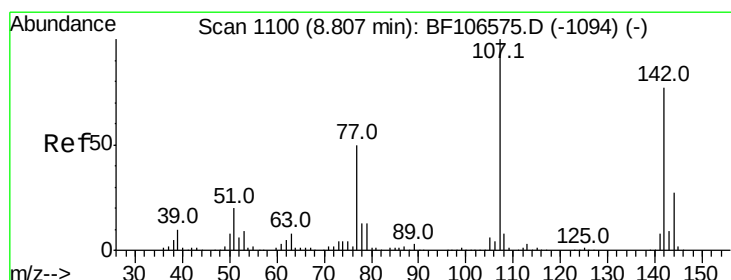
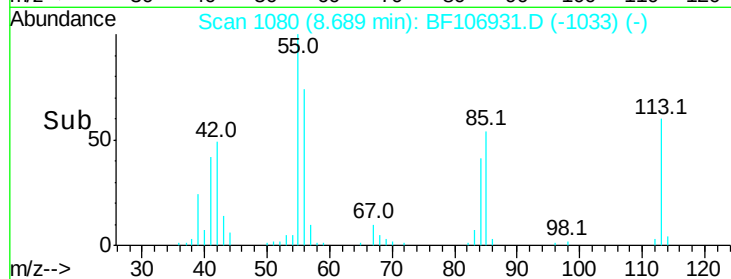
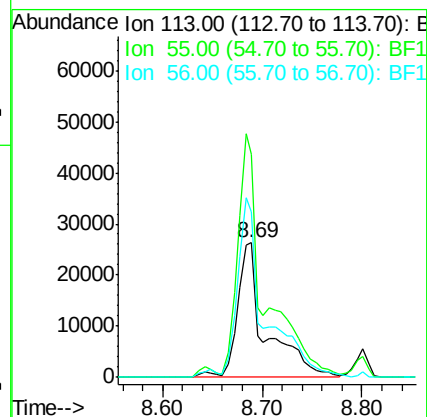
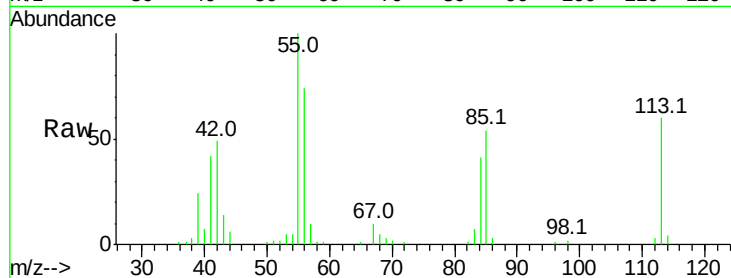
56 123.5 115.7 155.7

Manual Integrations

APPROVED

Sohil

6/29/2018 2:30:45 PM



#36

4-Chloro-3-methylphenol

Concen: 46.614 ng/mL

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

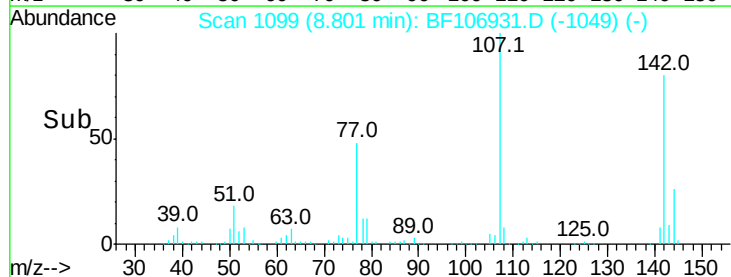
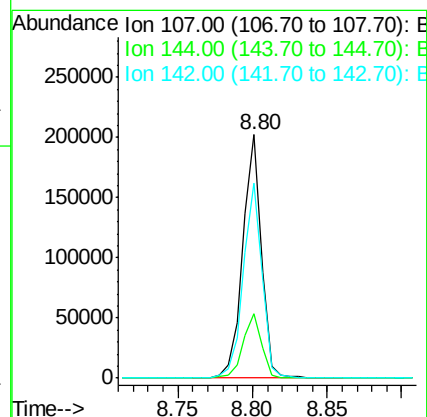
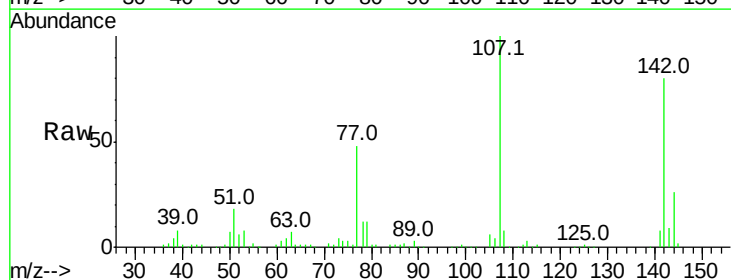
Tgt Ion:107 Resp: 177177

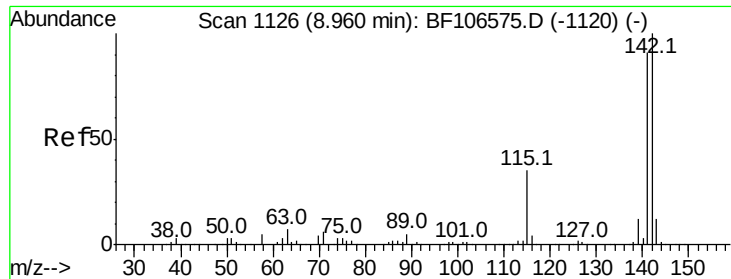
Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

142 80.3 62.0 93.0





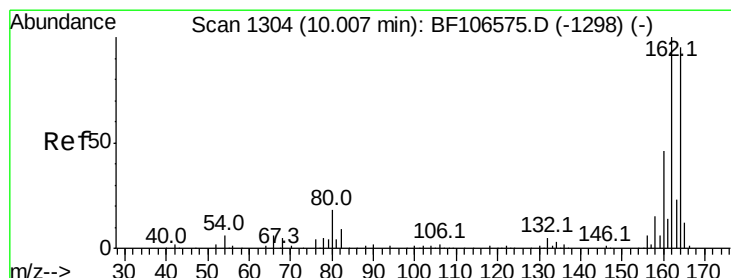
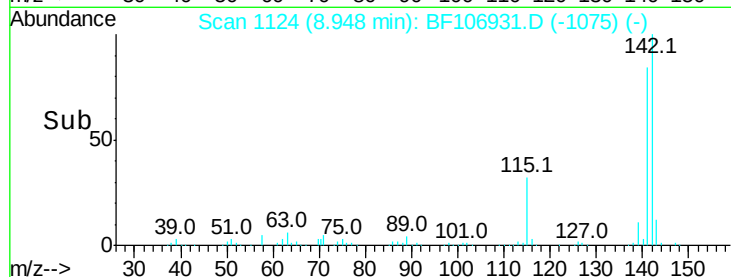
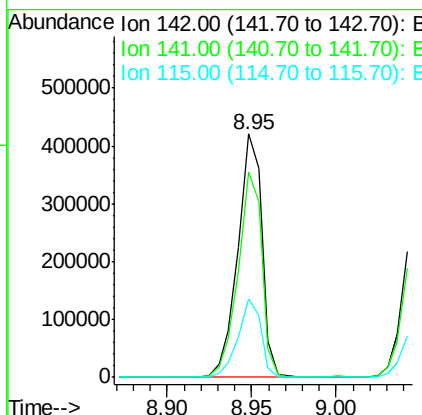
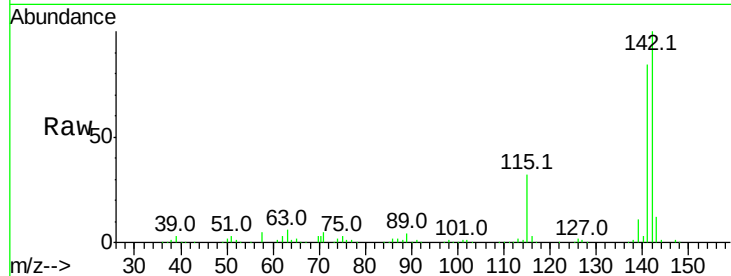
#37
2-Methylnaphthalene
Concen: 52.450 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	418232		
141	84.2	70.8	106.2	
115	32.1	26.1	39.1	

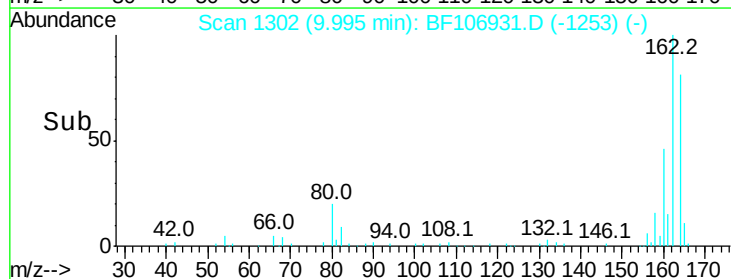
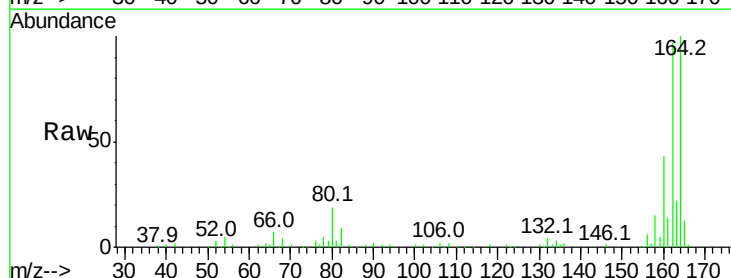
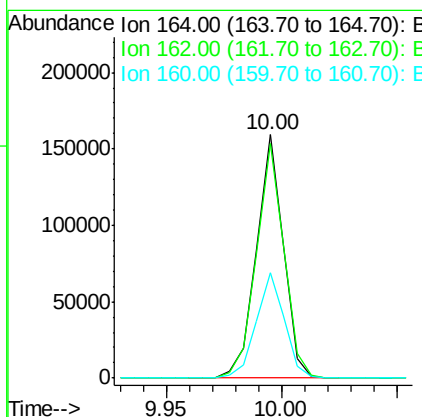
Manual Integrations
APPROVED

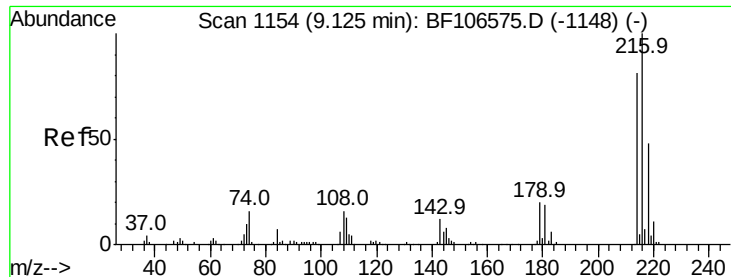
Sohil
6/29/2018 2:30:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129953		
162	96.6	86.1	129.1	
160	43.2	38.3	57.5	





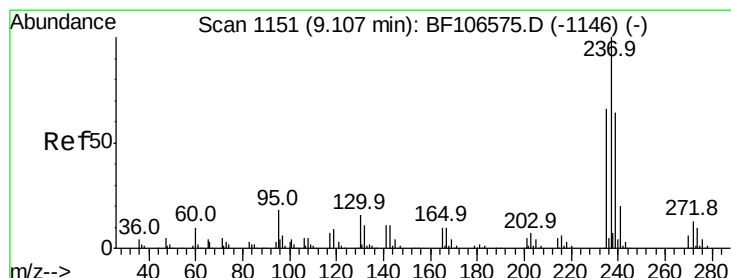
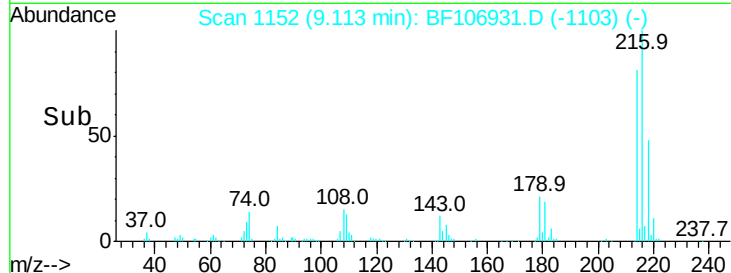
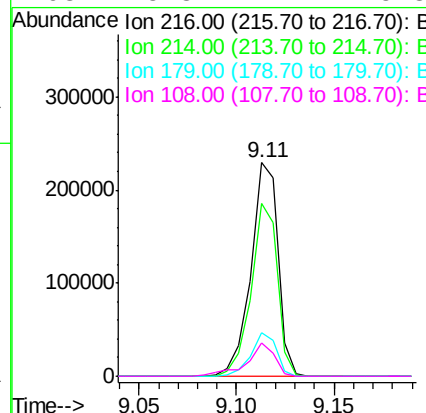
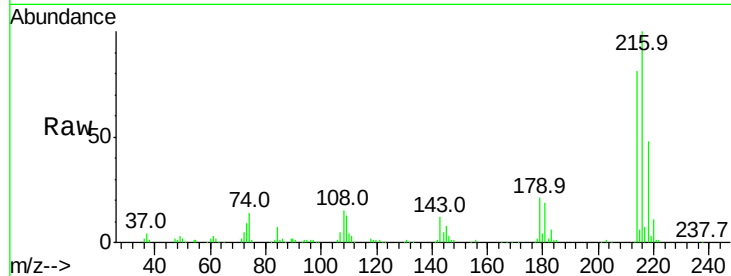
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.467 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	63.0	94.4
179	19.4	18.1	27.1
108	15.8	17.2	25.8#

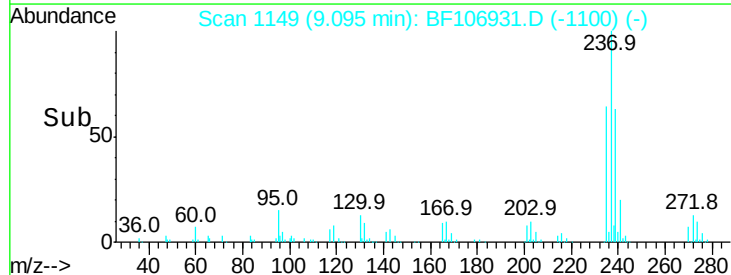
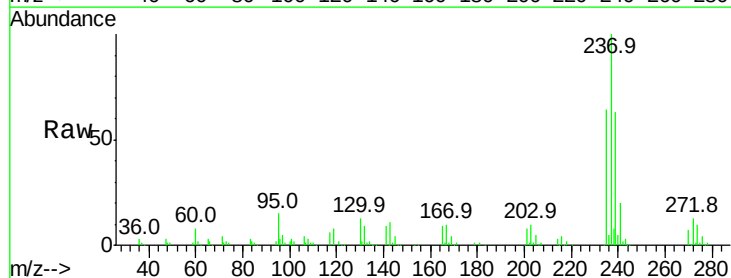
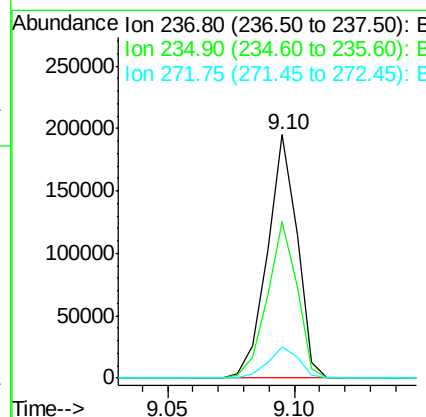
Manual Integrations
 APPROVED

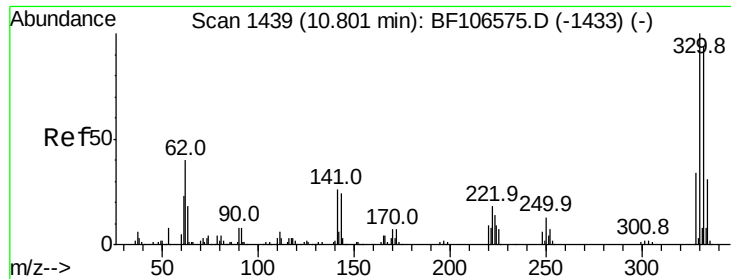
Sohil
 6/29/2018 2:30:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 71.395 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.8	84.8
272	12.8	0.0	33.3





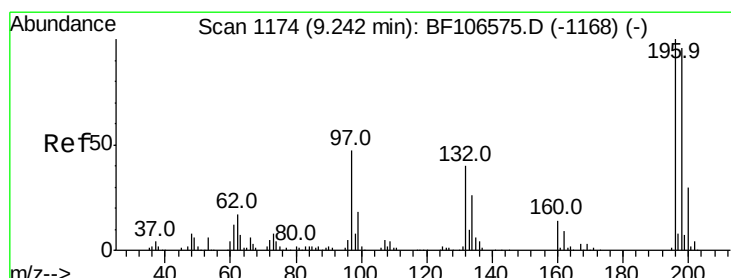
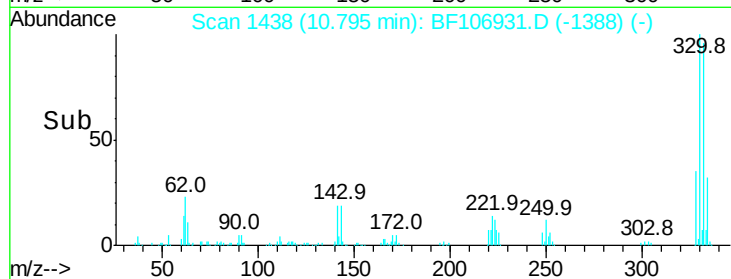
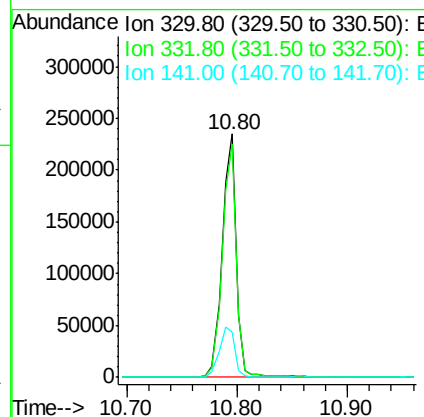
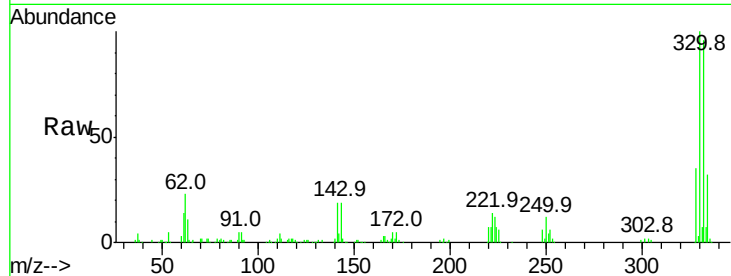
#41
 2,4,6-Tribromophenol
 Concen: 138.824 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	22.7	29.9	44.9	

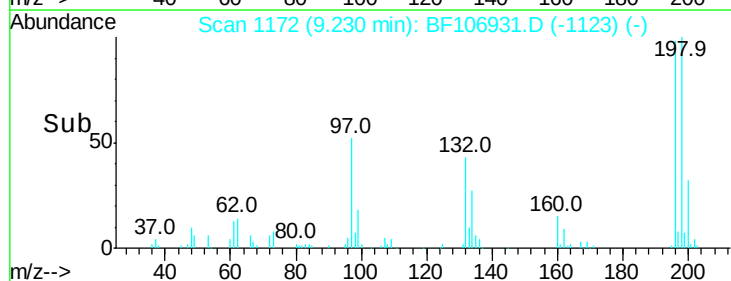
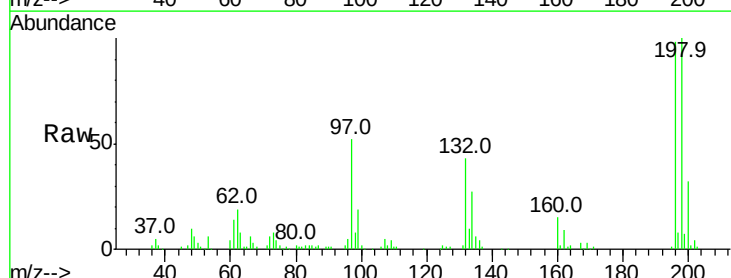
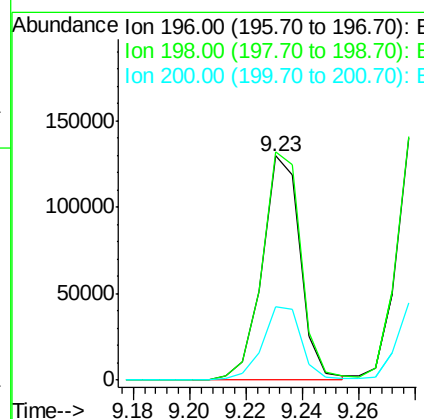
Manual Integrations
 APPROVED

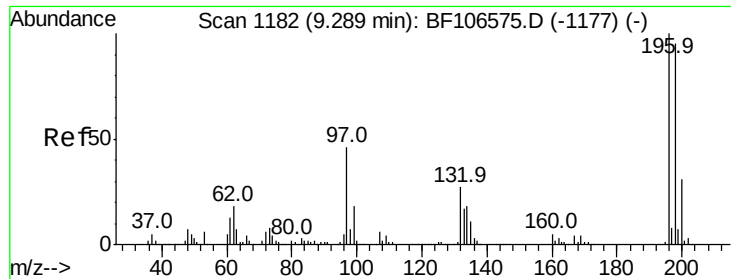
Sohil
 6/29/2018 2:30:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.854 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.8	75.7	113.5	
200	32.5	24.5	36.7	





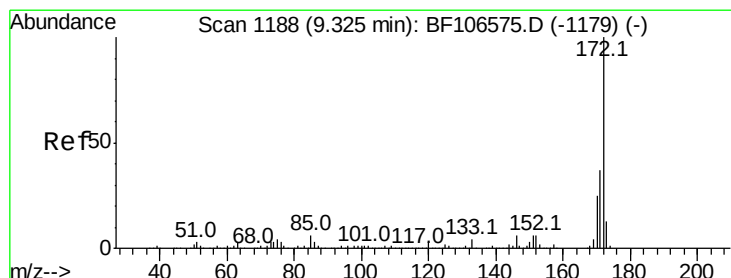
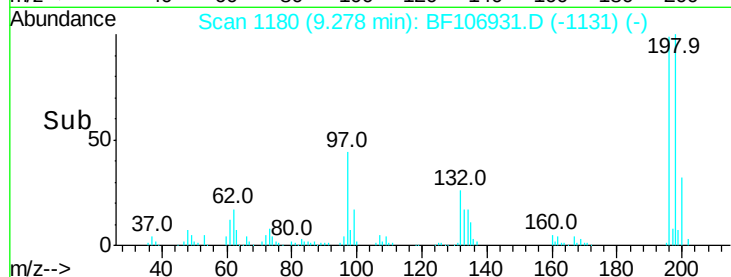
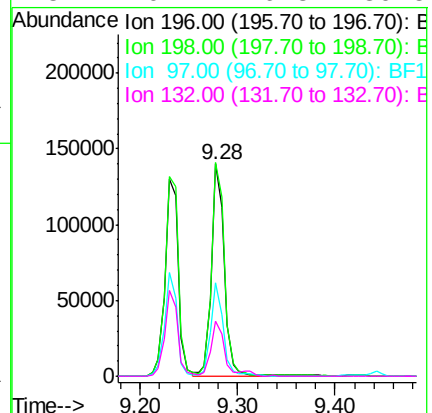
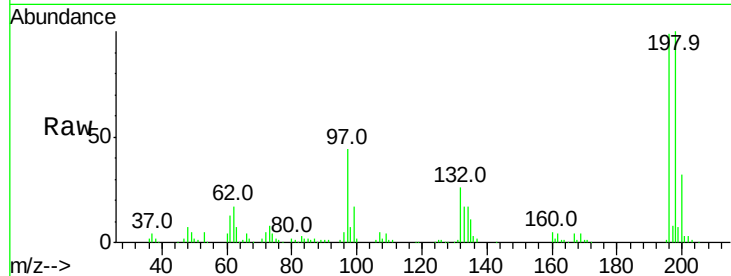
#43
 2,4,5-Trichlorophenol
 Concen: 42.812 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129957		
198	100.6	74.6	112.0	
97	44.0	42.9	64.3	
132	26.2	26.3	39.5	

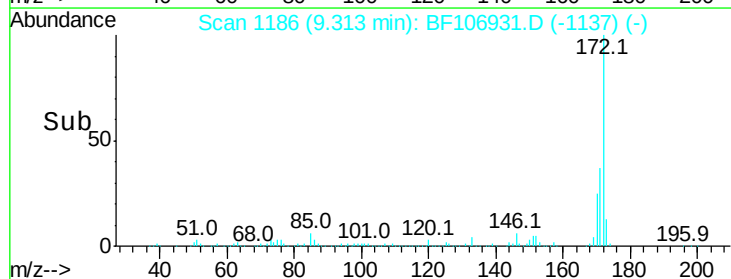
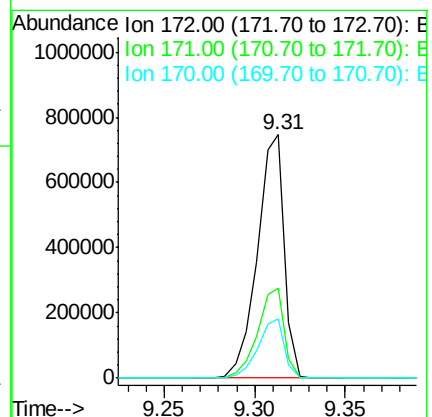
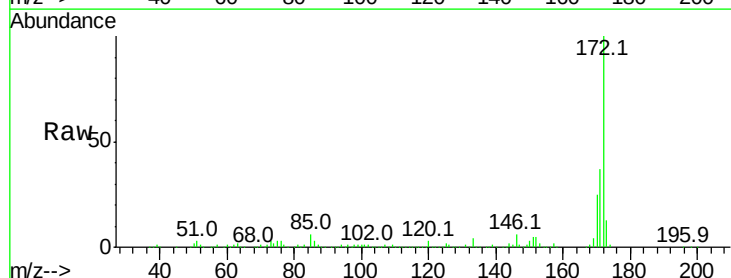
Manual Integrations
 APPROVED

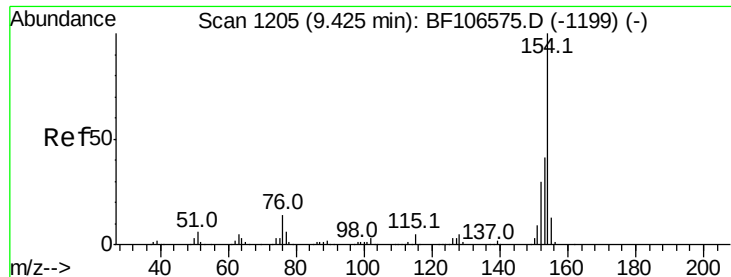
Sohil
 6/29/2018 2:30:45 PM



#44
 2-Fluorobiphenyl
 Concen: 103.033 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	767022		
171	36.7	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 47.539 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

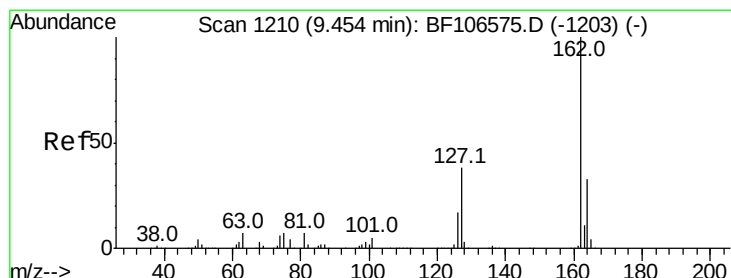
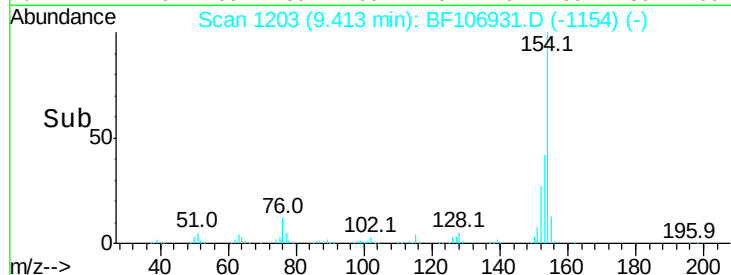
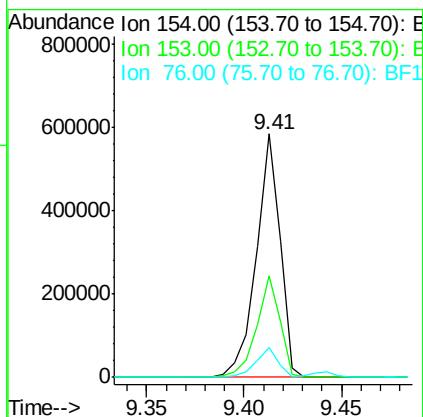
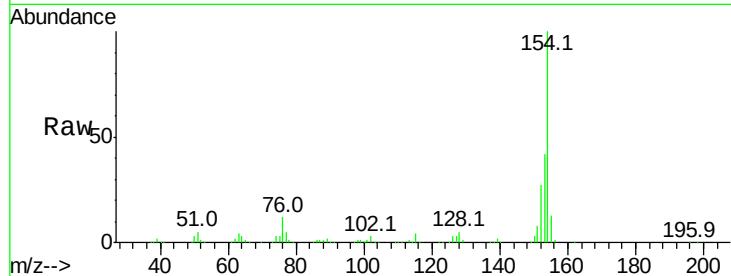
ClientSampleId :

PB110673BSD

Tot Ion:	154	Resp:	492346
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.3	61.3
76	12.4	0.0	34.0

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#46

2-Chloronaphthalene

Concen: 44.903 ng

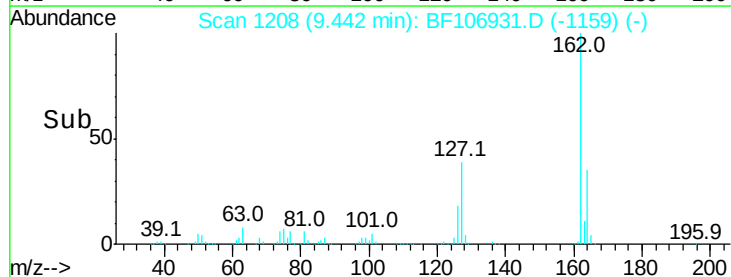
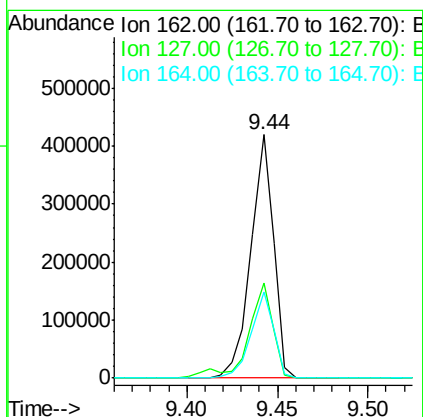
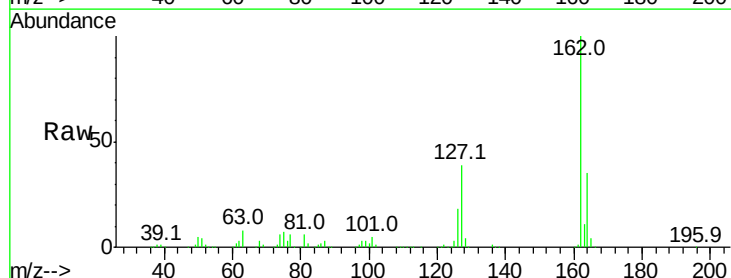
RT: 9.44 min Scan# 1208

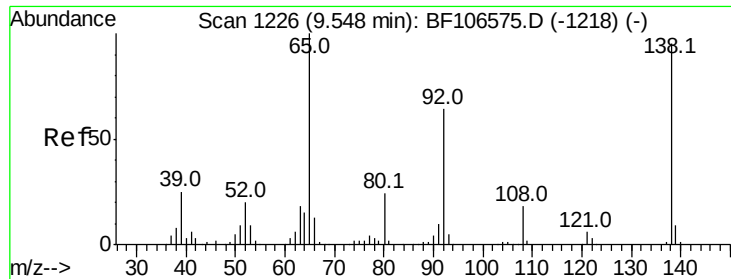
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	162	Resp:	366052
Ion Ratio	Lower	Upper	
162	100		
127	39.0	33.9	50.9
164	35.5	26.5	39.7





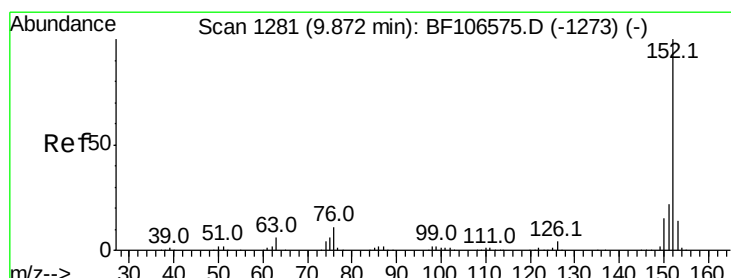
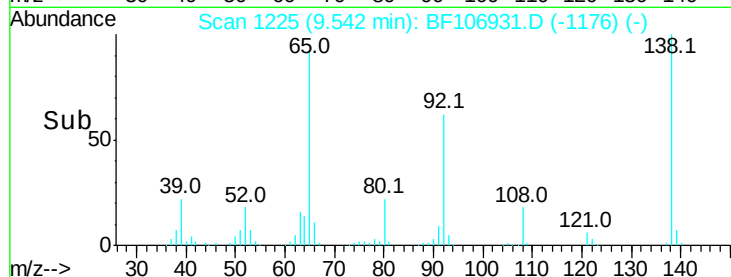
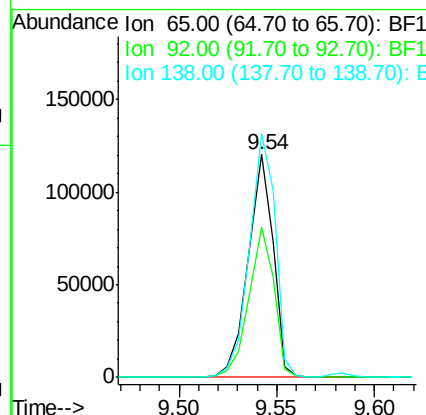
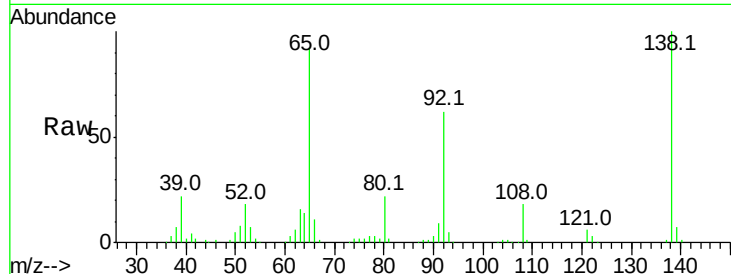
#47
2-Nitroaniline
Concen: 39.056 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.8	83.6
138	109.2	91.2	136.8

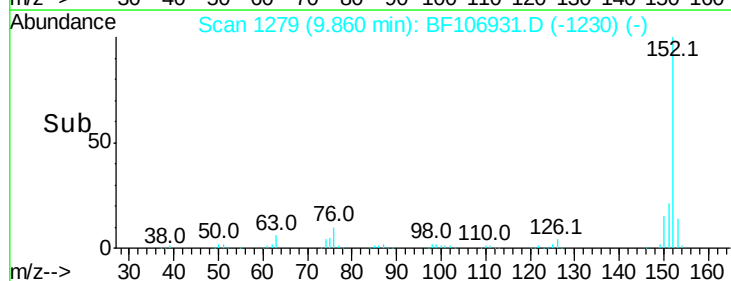
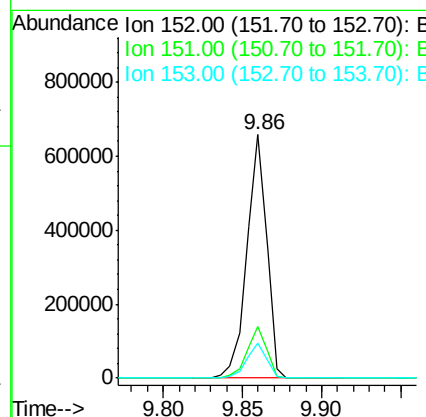
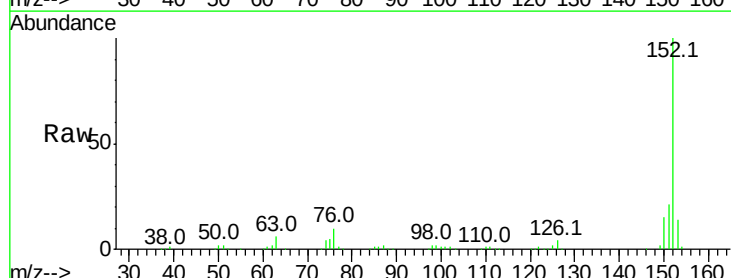
Manual Integrations
APPROVED

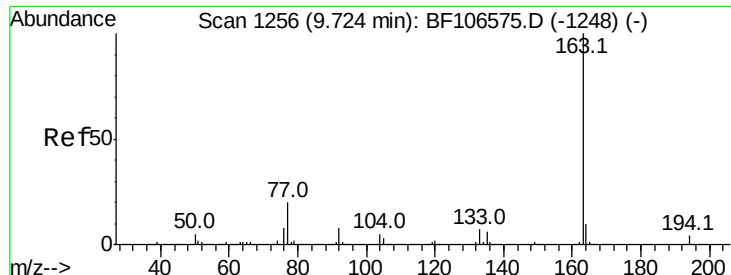
Sohil
6/29/2018 2:30:45 PM



#48
Acenaphthylene
Concen: 44.126 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.3	10.7	16.1





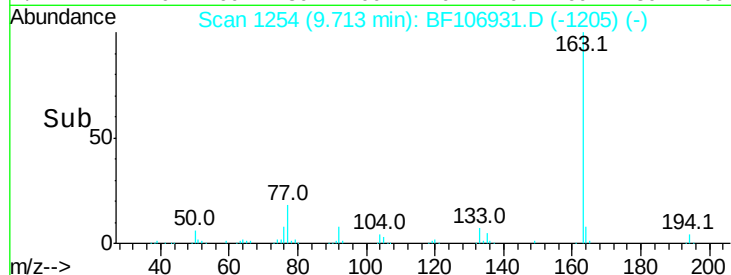
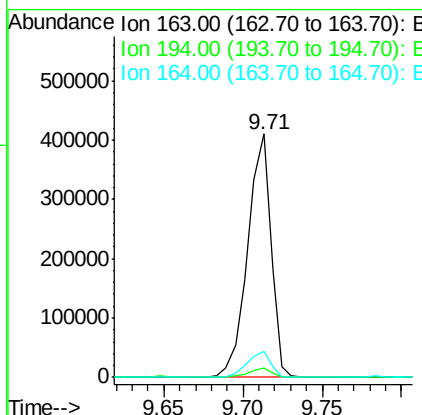
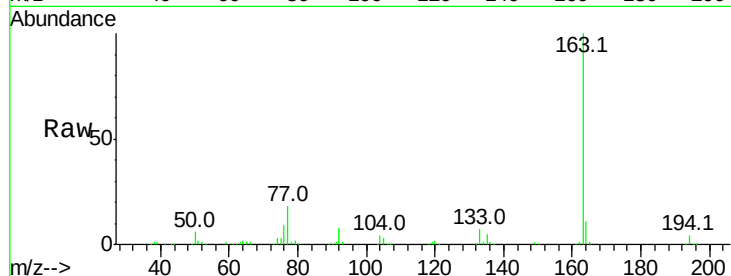
#49
Dimethylphthalate
Concen: 42.917 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.6	8.2	12.2	

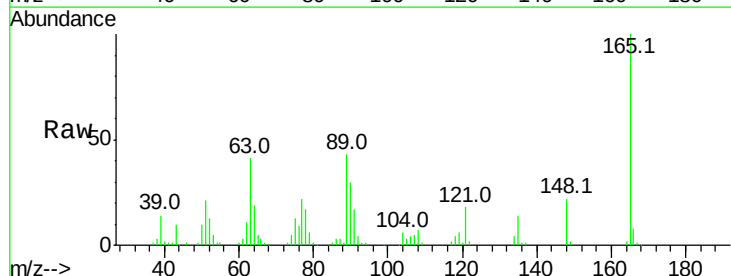
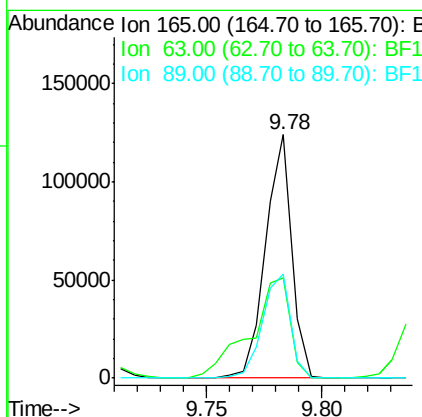
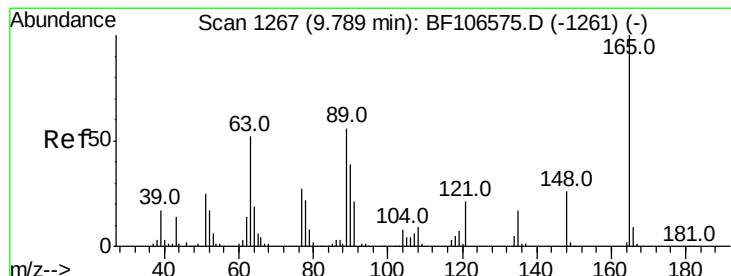
Manual Integrations
APPROVED

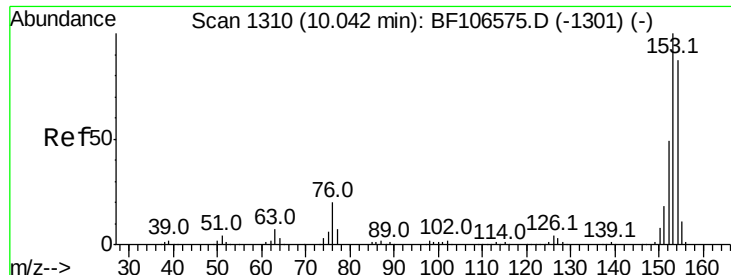
Sohil
6/29/2018 2:30:45 PM



#50
2,6-Dinitrotoluene
Concen: 47.638 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.4	44.7	67.1#	
89	43.0	44.0	66.0#	





#51

Acenaphthene

Concen: 42.362 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

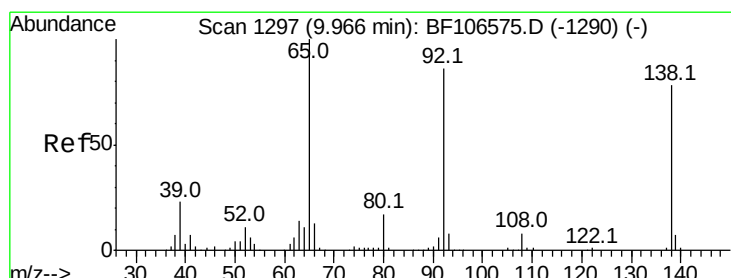
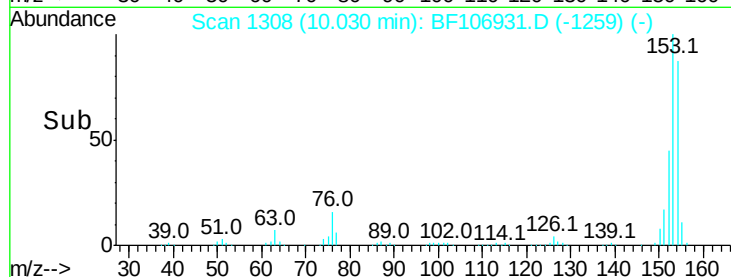
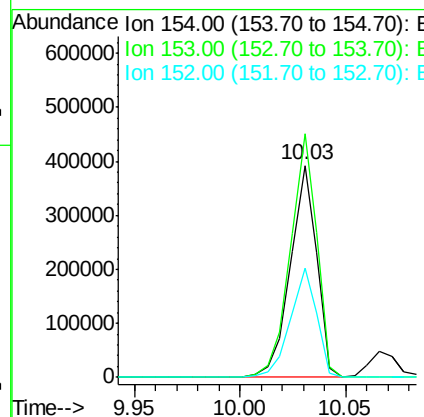
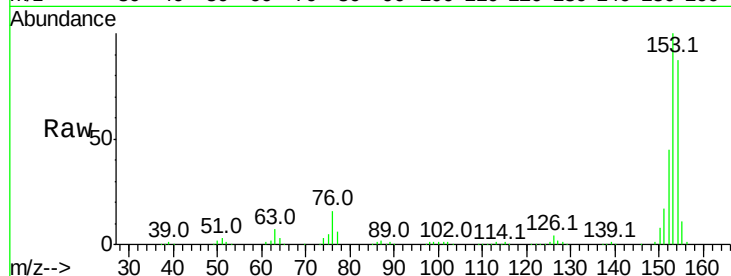
ClientSampleId :

PB110673BSD

Tot Ion:	154	Resp:	343334
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.2	136.8
152	51.6	43.8	65.8

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#52

3-Nitroaniline

Concen: 21.878 ng

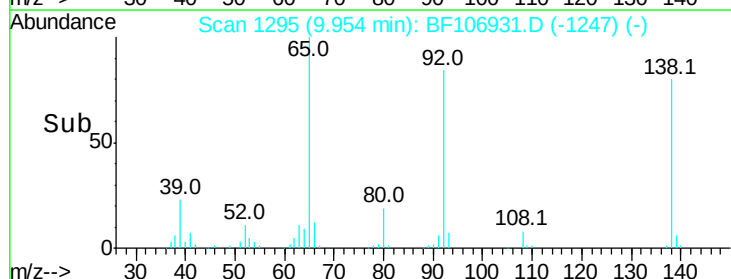
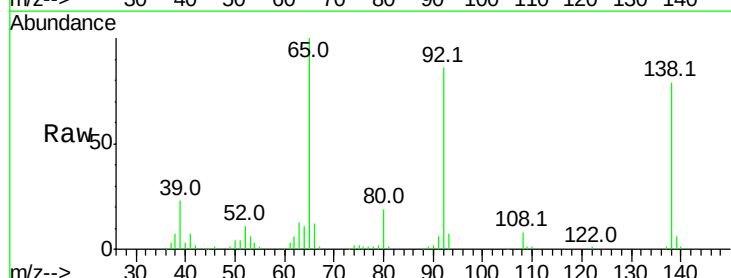
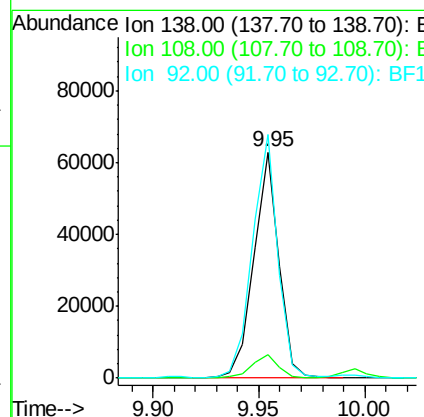
RT: 9.95 min Scan# 1295

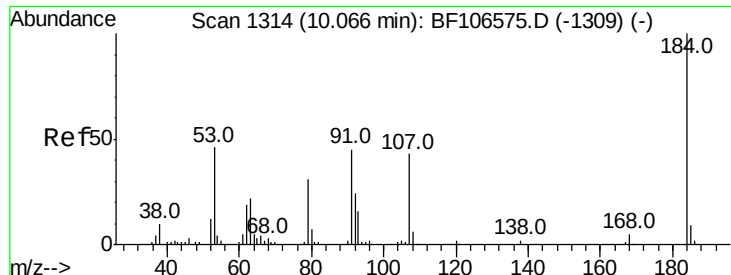
Delta R.T. -0.02 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	138	Resp:	51960
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	107.6	89.4	134.2





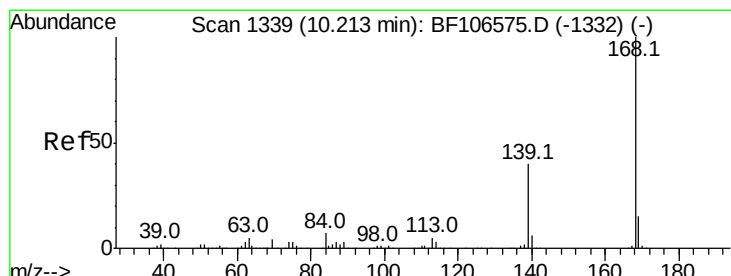
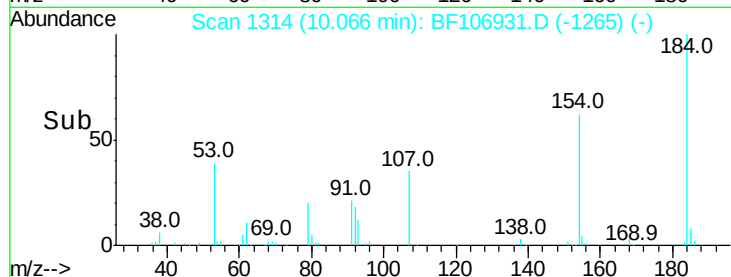
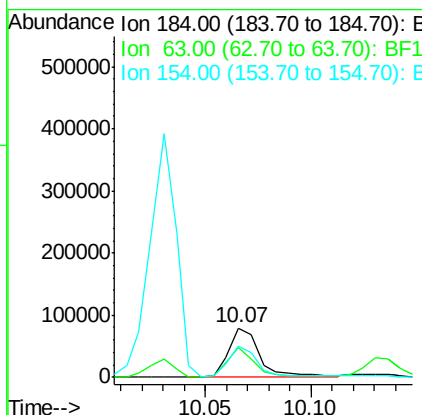
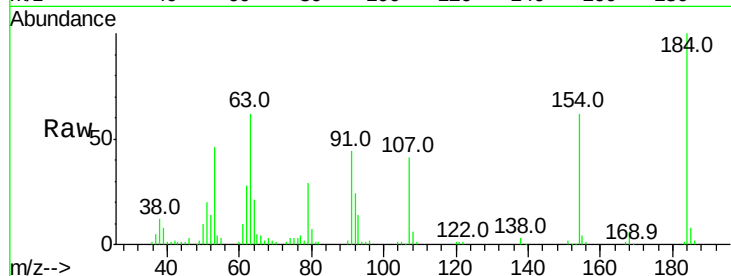
#53
 2,4-Dinitrophenol
 Concen: 76.087 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	81346		
63	61.6	54.2	81.2	
154	62.2	184.0	276.0	

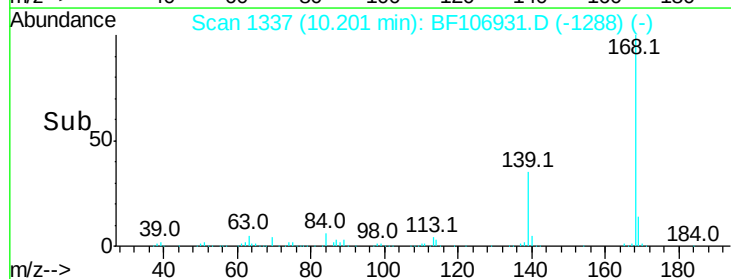
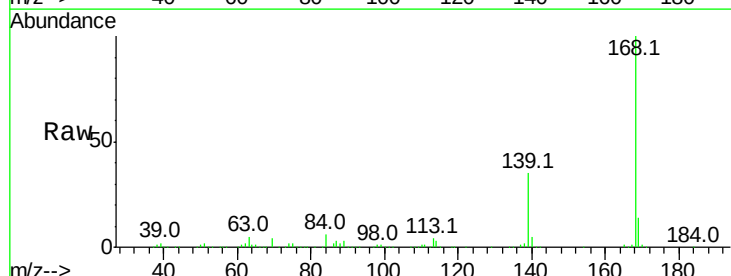
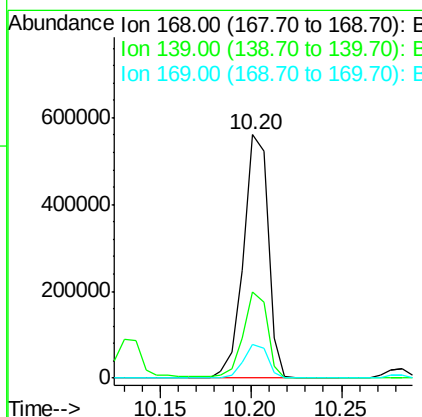
Manual Integrations
 APPROVED

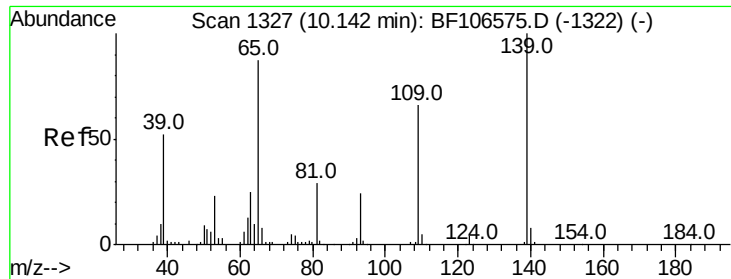
Sohil
 6/29/2018 2:30:45 PM



#54
 Dibenzofuran
 Concen: 47.909 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	531690		
139	35.3	30.1	45.1	
169	13.9	10.9	16.3	





#55

4-Nitrophenol

Concen: 55.908 ng

RT: 10.13 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

PB110673BSD

Tot Ion:139 Resp: 92683

Ion Ratio Lower Upper

139 100

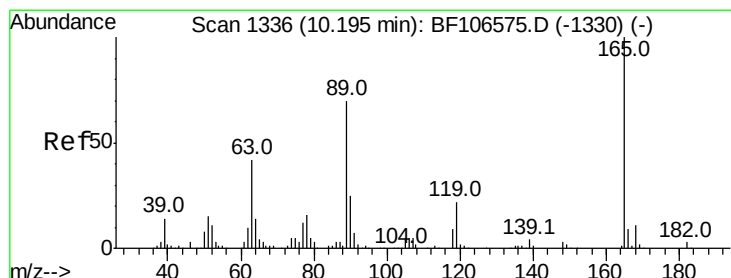
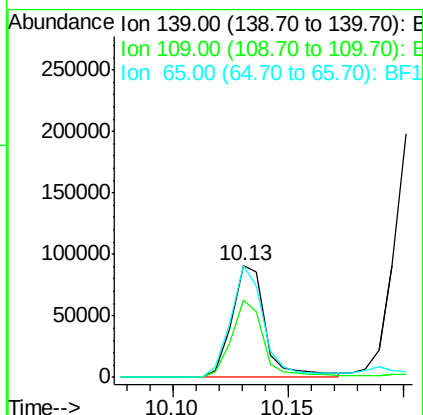
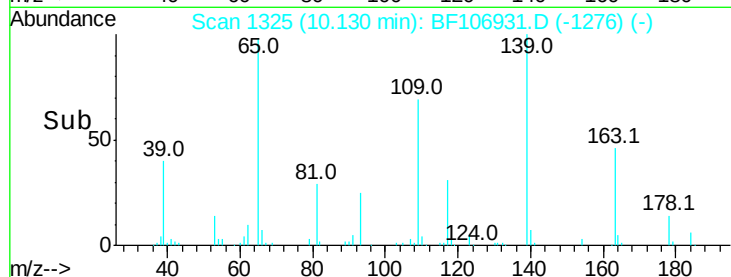
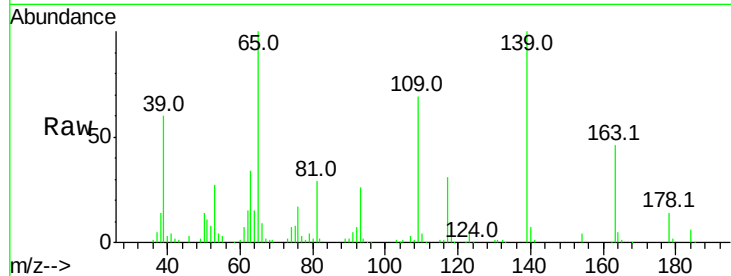
109 68.9 48.4 88.4

65 100.4 72.6 112.6

Manual Integrations
APPROVED

Sohil

6/29/2018 2:30:45 PM



#56

2,4-Dinitrotoluene

Concen: 46.642 ng

RT: 10.19 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:165 Resp: 125652

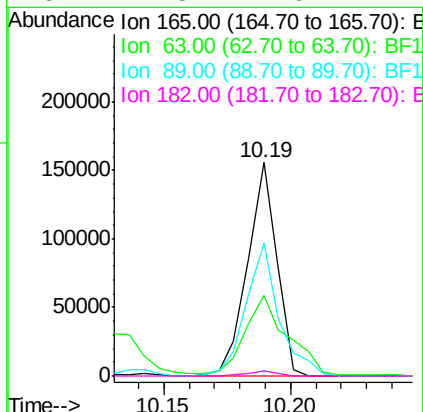
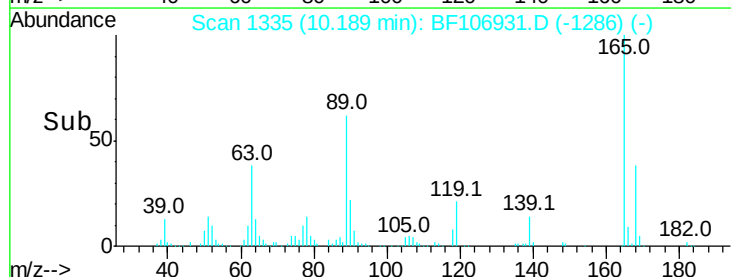
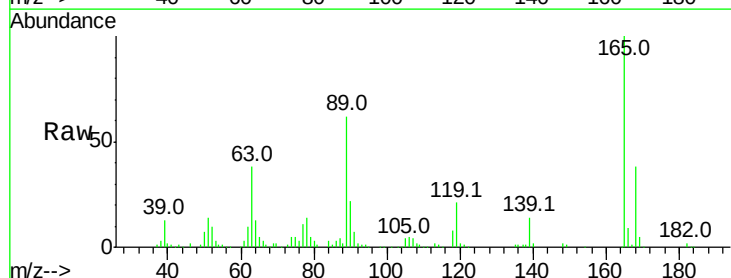
Ion Ratio Lower Upper

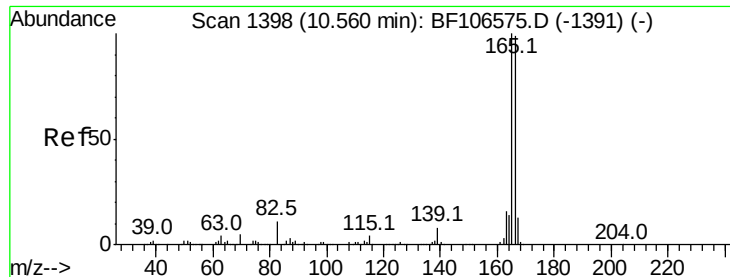
165 100

63 38.0 36.4 54.6

89 62.1 57.8 86.6

182 2.3 1.6 2.4





#57

Fluorene

Concen: 46.613 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

ClientSampleId :

PB110673BSD

Tot Ion:166 Resp: 410502

Ion Ratio Lower Upper

166 100

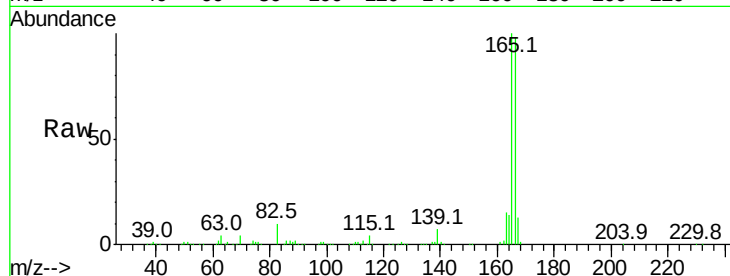
165 102.4 79.8 119.8

167 13.7 10.6 16.0

Manual Integrations
APPROVED

Sohil

6/29/2018 2:30:45 PM



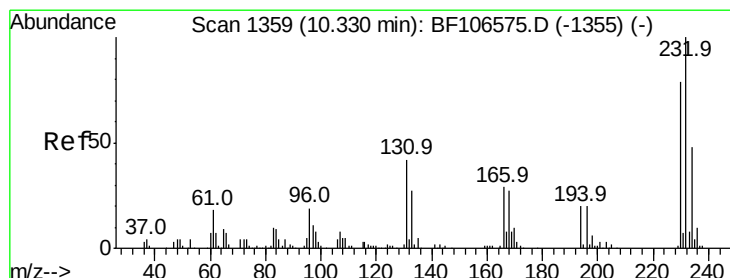
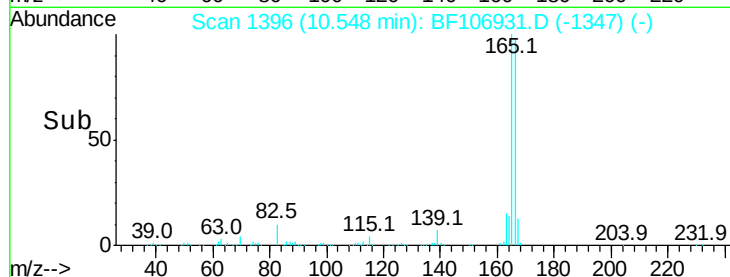
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.55

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.703 ng

RT: 10.32 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:232 Resp: 112694

Ion Ratio Lower Upper

232 100

131 34.2 43.8 65.8#

130 1.5 2.1 3.1#

166 25.9 27.8 41.6#

Abundance Ion 232.00 (231.70 to 232.70): E

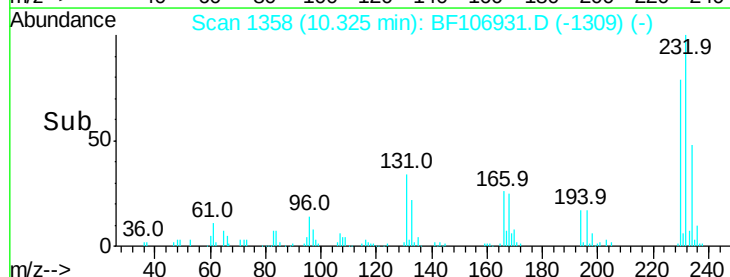
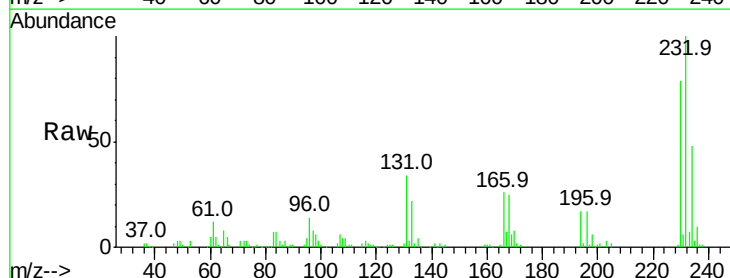
Ion 131.00 (130.70 to 131.70): E

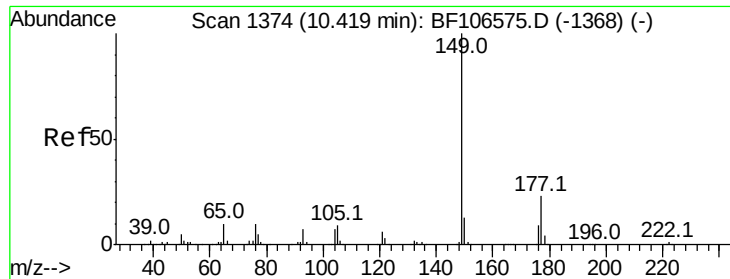
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.32

Time-->





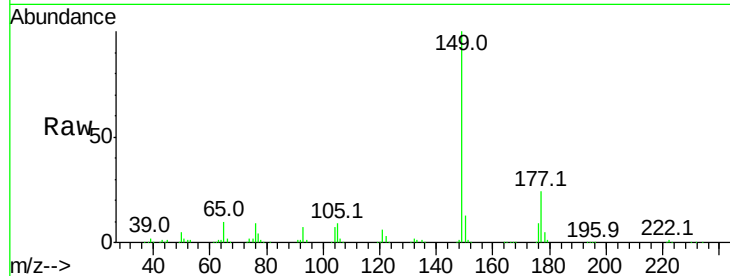
#59
Diethylphthalate
Concen: 41.003 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

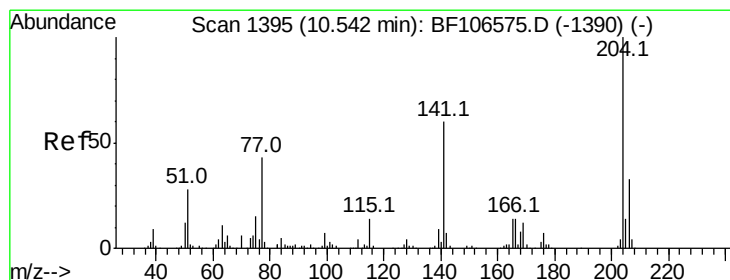
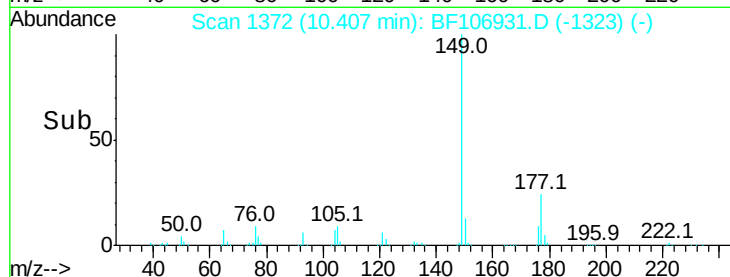
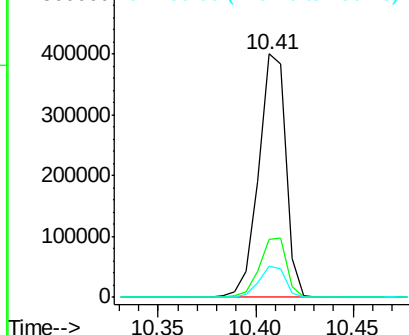
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	12.8	10.1	15.1

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM

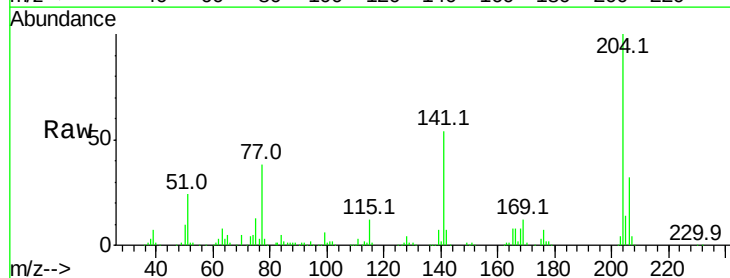


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

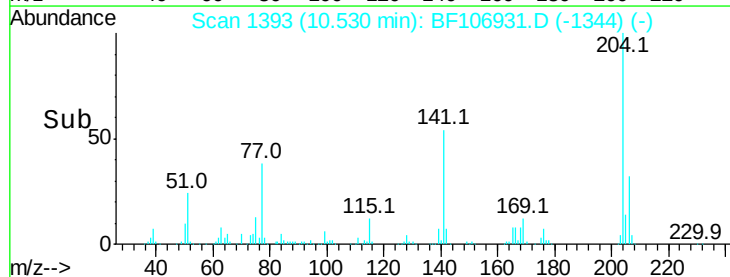
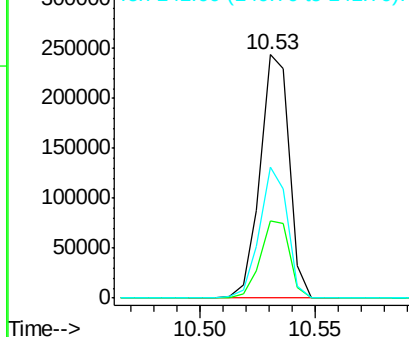


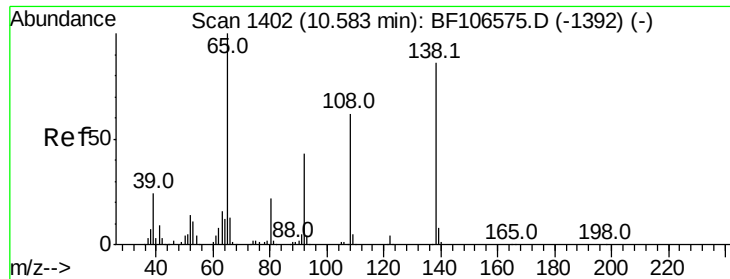
#60
4-Chlorophenyl-phenylether
Concen: 46.787 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	53.7	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





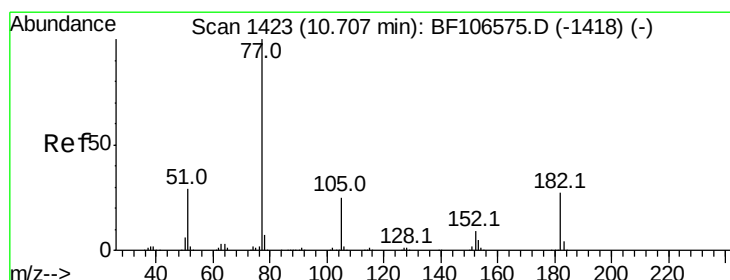
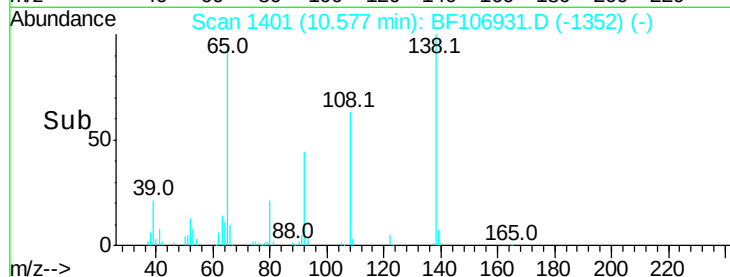
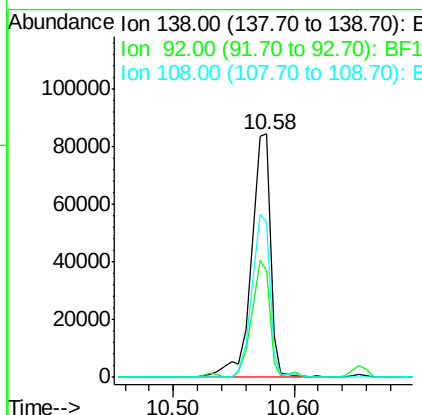
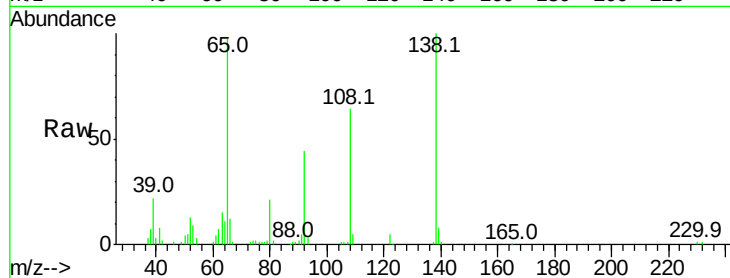
#61
4-Nitroaniline
Concen: 40.013 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampled :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.6	30.2	70.2
108	63.9	52.5	92.5

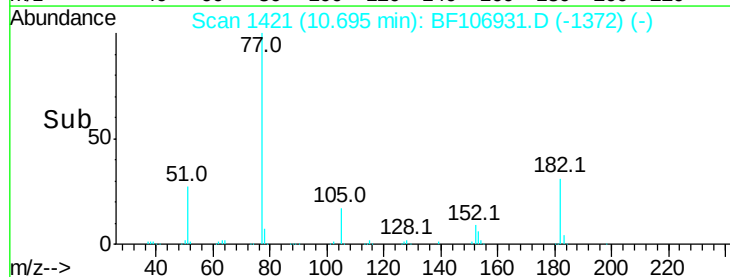
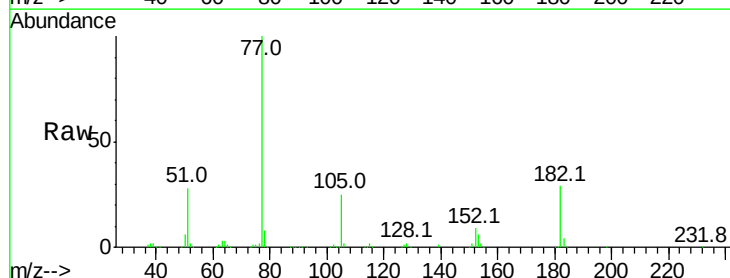
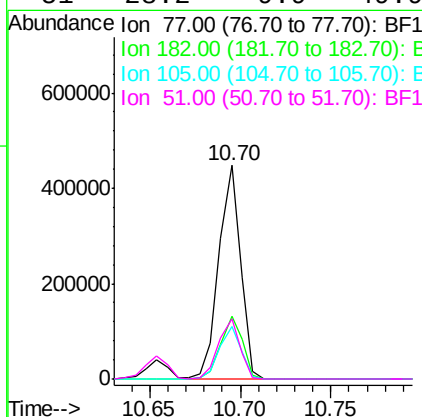
Manual Integrations
APPROVED

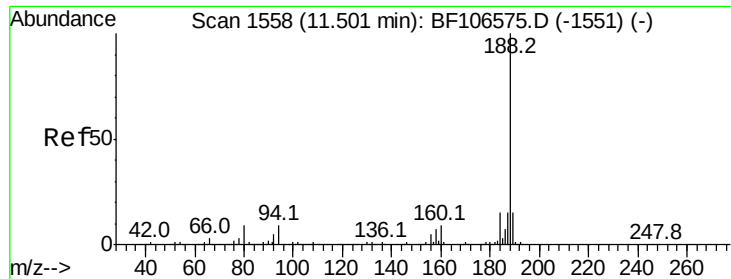
Sohil
6/29/2018 2:30:45 PM



#62
Azobenzene
Concen: 40.402 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	1.7	41.7
105	24.5	3.0	43.0
51	28.2	9.9	49.9





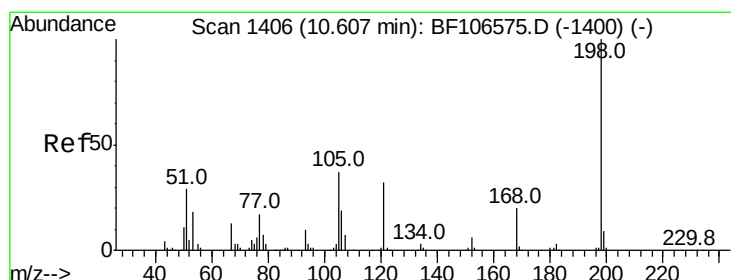
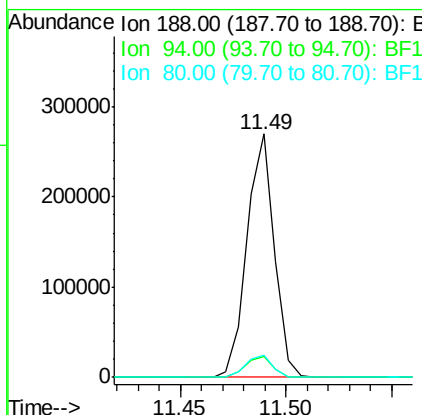
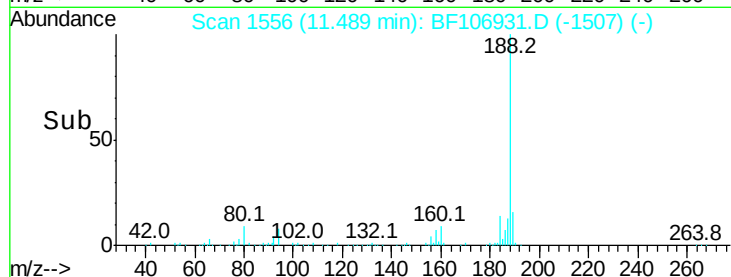
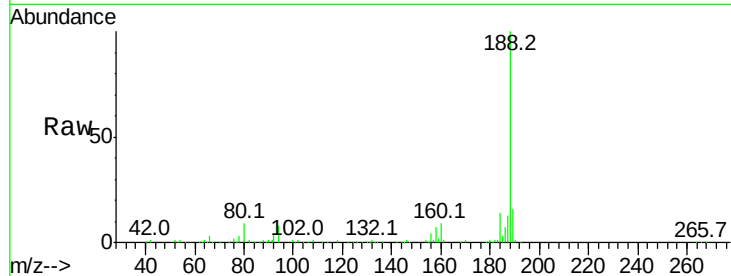
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.1	9.2	13.8#

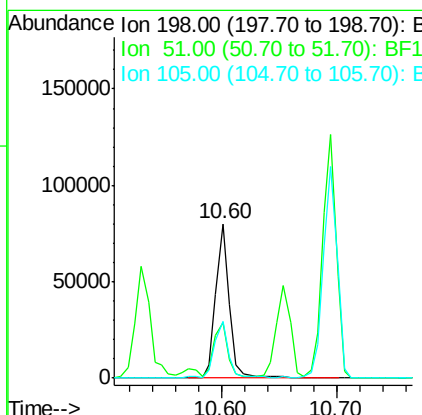
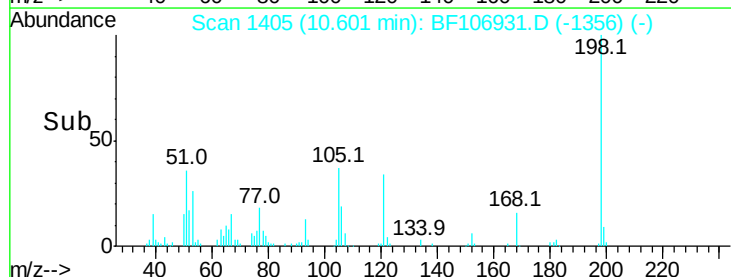
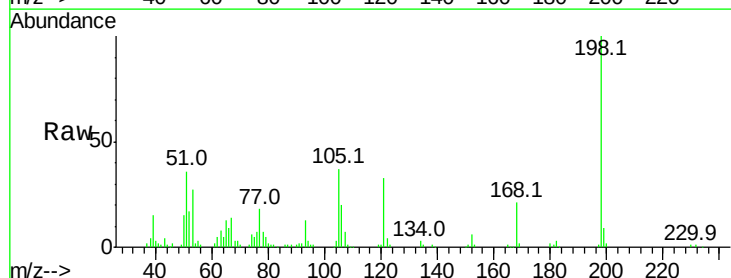
Manual Integrations
APPROVED

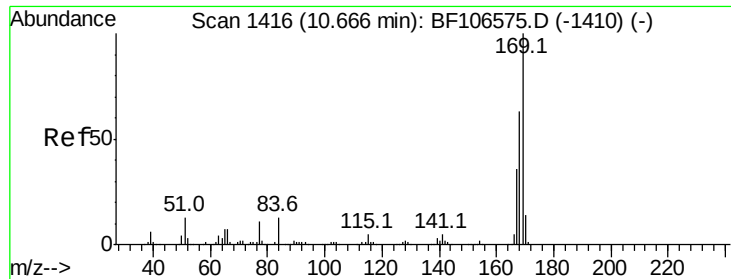
Sohil
6/29/2018 2:30:45 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.073 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.7	37.7	77.7#
105	36.8	36.3	76.3





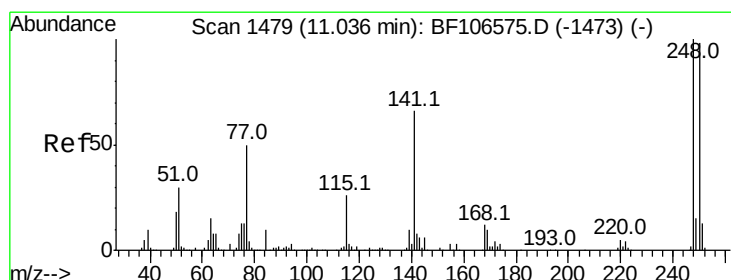
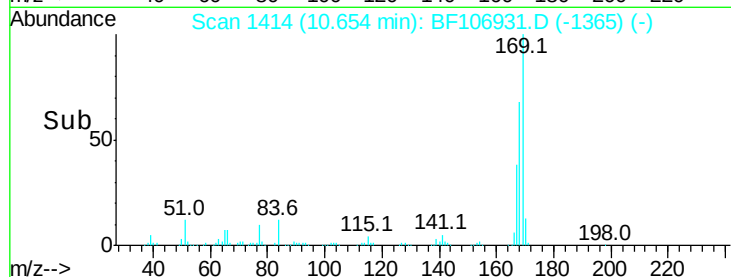
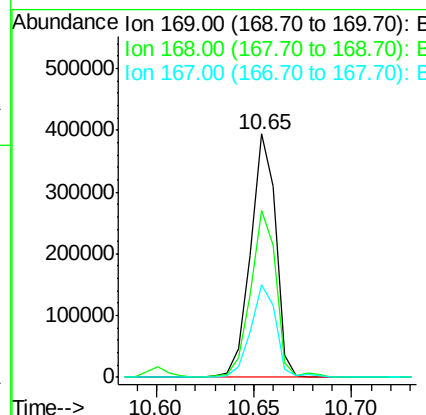
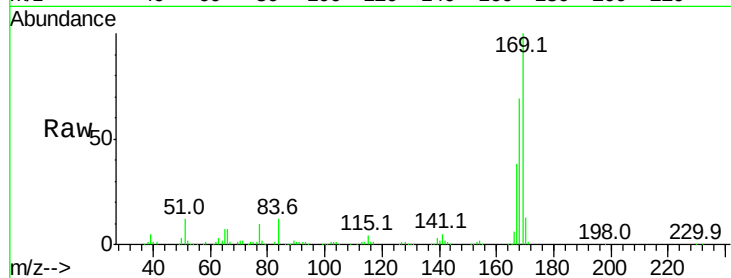
#65
n-Nitrosodiphenylamine
Concen: 43.169 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	351336		
168	68.6		54.4	81.6
167	38.2		29.8	44.6

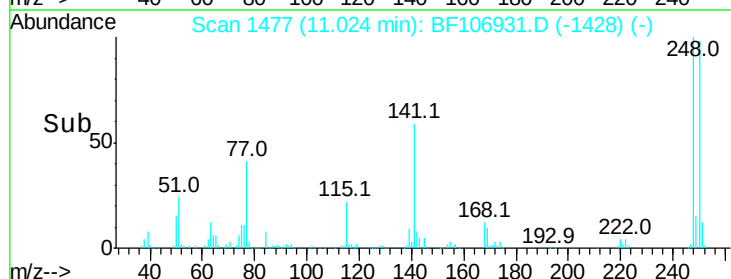
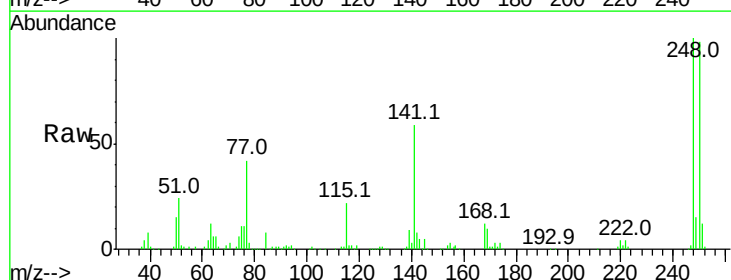
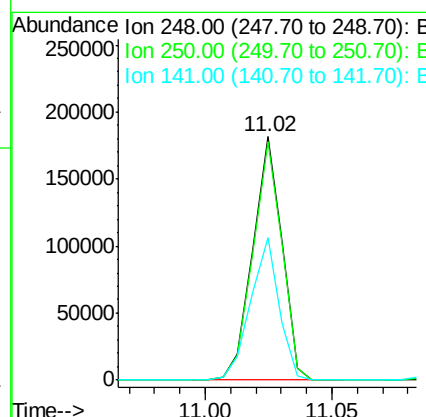
Manual Integrations
APPROVED

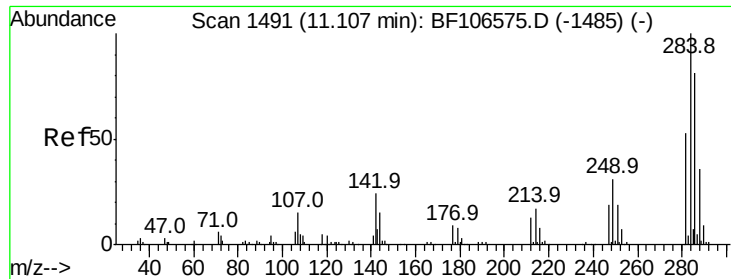
Sohil
6/29/2018 2:30:45 PM



#66
4-Bromophenyl-phenylether
Concen: 50.451 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	145690		
250	97.9		76.9	115.3
141	58.6		74.4	111.6





#67

Hexachlorobenzene

Concen: 50.425 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

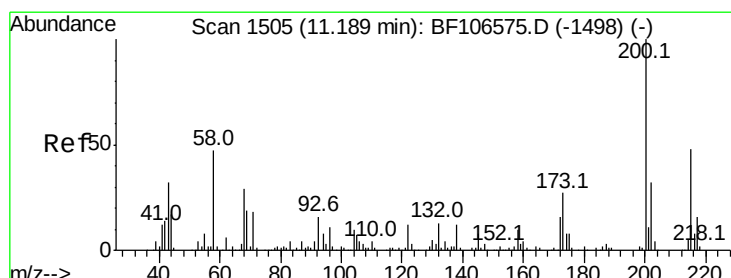
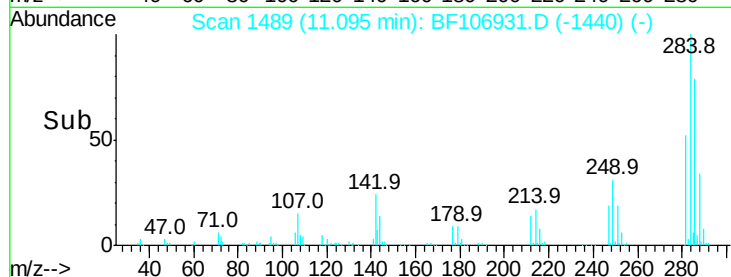
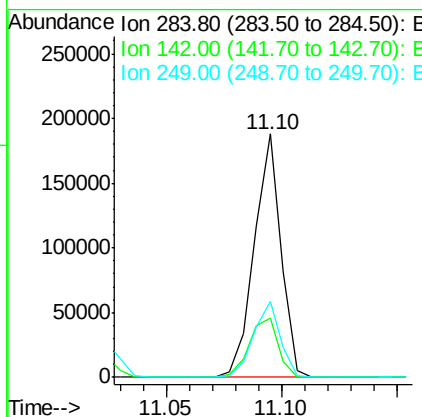
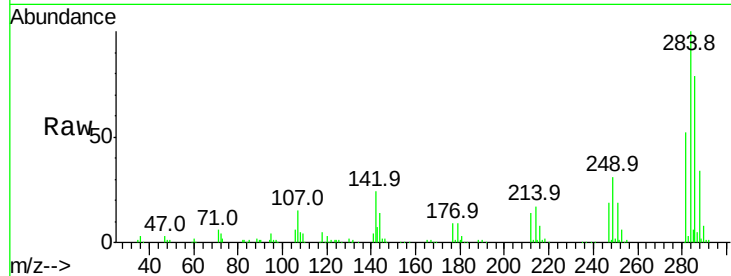
ClientSampleId :

PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	24.2	34.6	52.0#	
249	31.1	24.8	37.2	

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#68

Atrazine

Concen: 47.397 ng

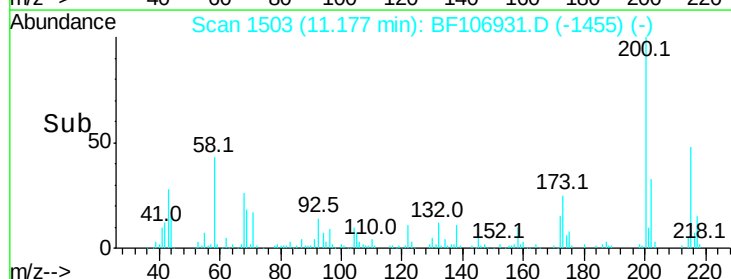
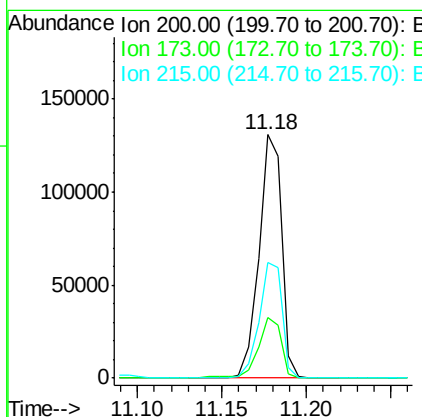
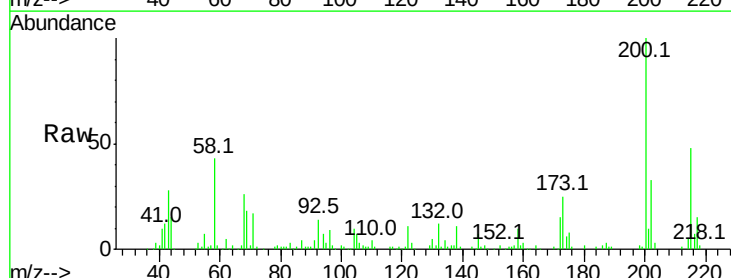
RT: 11.18 min Scan# 1503

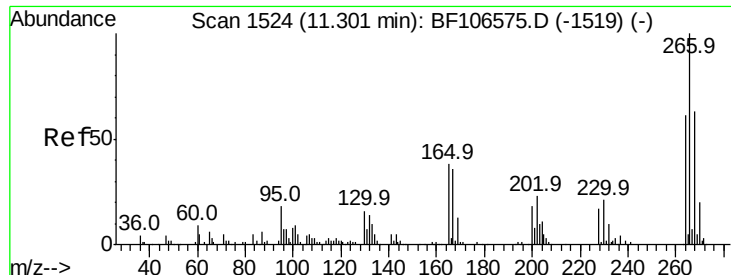
Delta R.T. -0.02 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.1	8.6	48.6	
215	47.5	25.1	65.1	





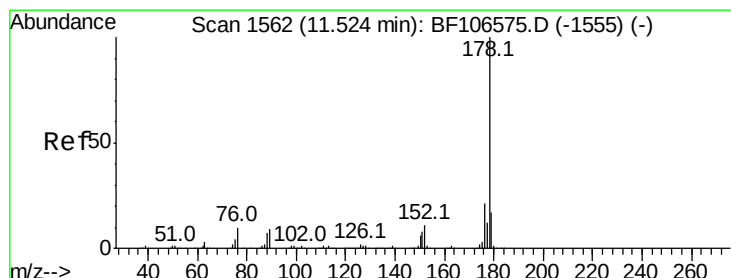
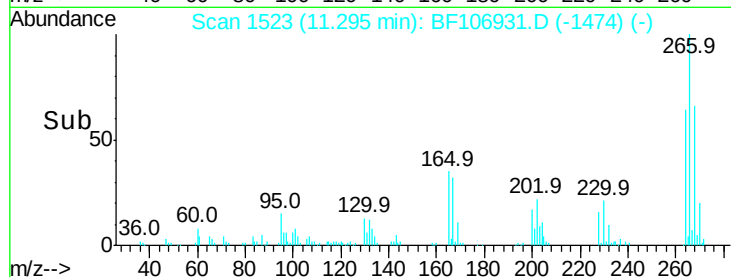
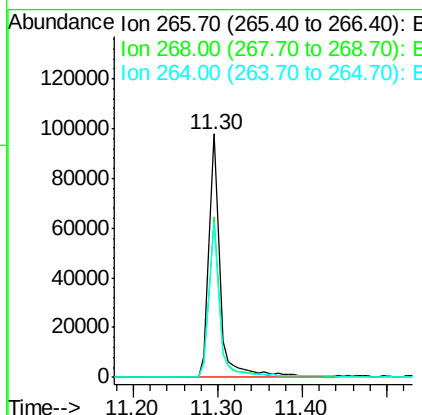
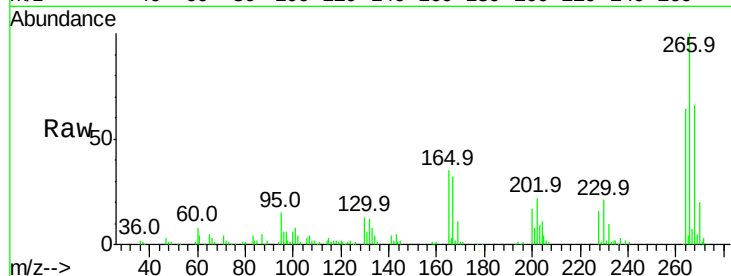
#69
 Pentachlorophenol
 Concen: 62.898 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	63.8	49.5	74.3

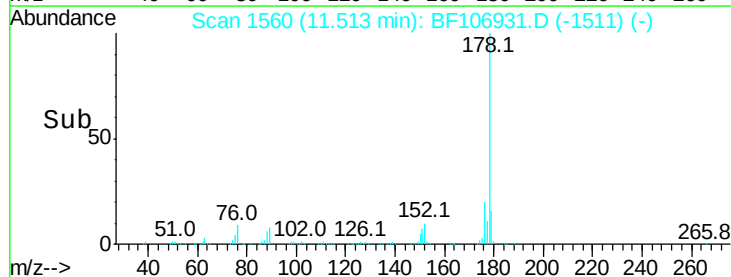
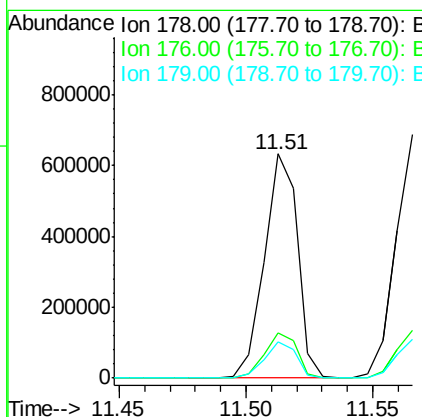
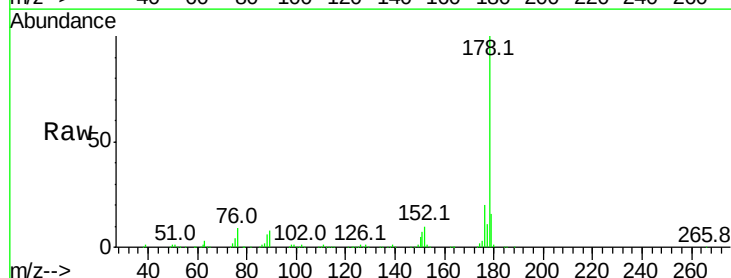
Manual Integrations
 APPROVED

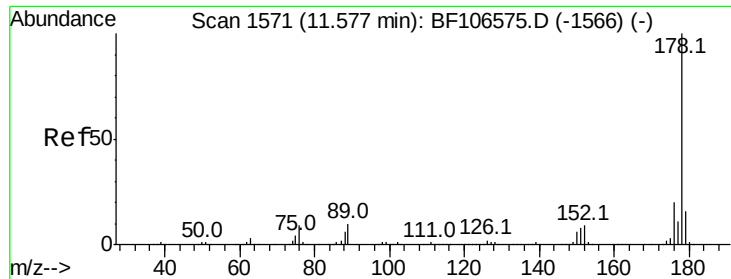
Sohil
 6/29/2018 2:30:45 PM



#70
 Phenanthrene
 Concen: 49.809 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.1	13.0	19.6





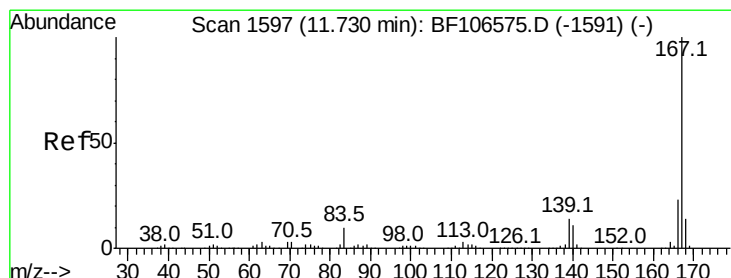
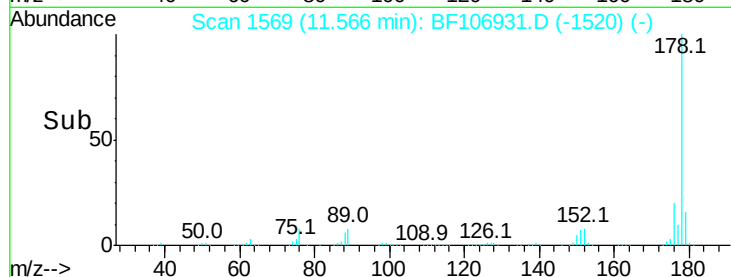
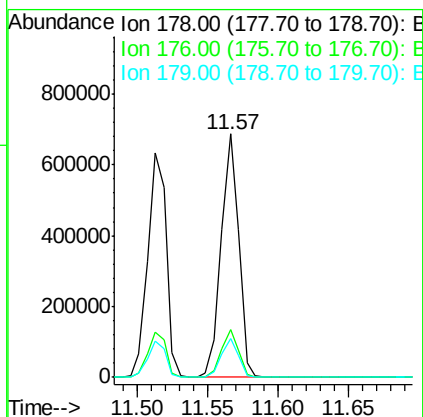
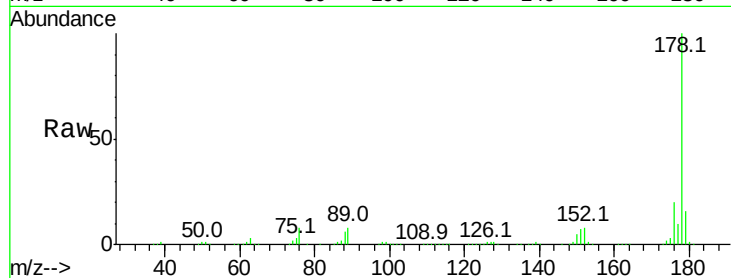
#71
 Anthracene
 Concen: 50.134 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.8	12.6	19.0

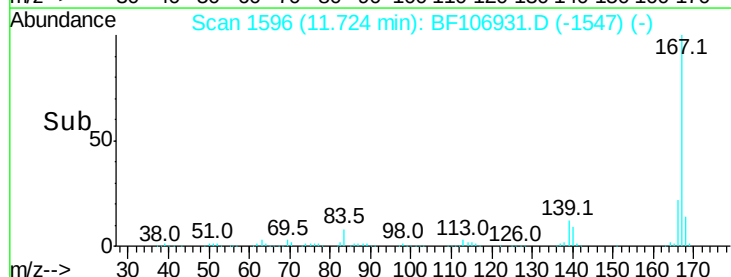
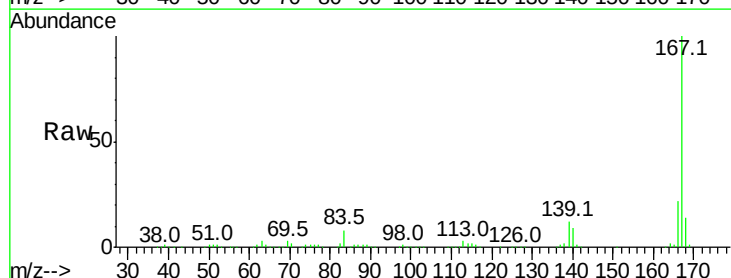
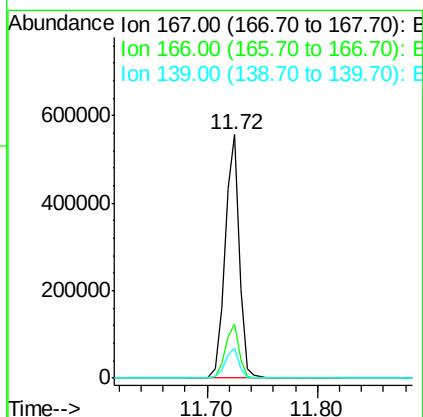
Manual Integrations
 APPROVED

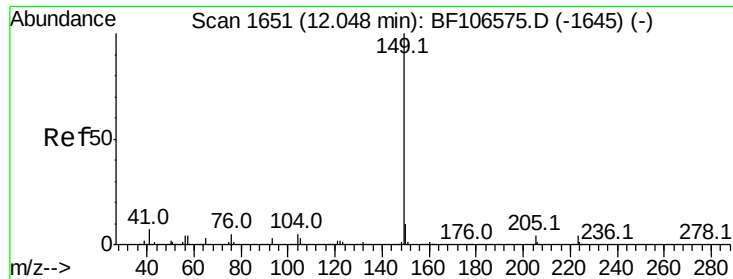
Sohil
 6/29/2018 2:30:45 PM



#72
 Carbazole
 Concen: 44.884 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.0	10.9	16.3





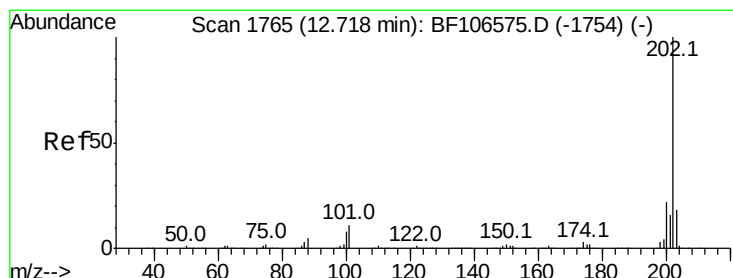
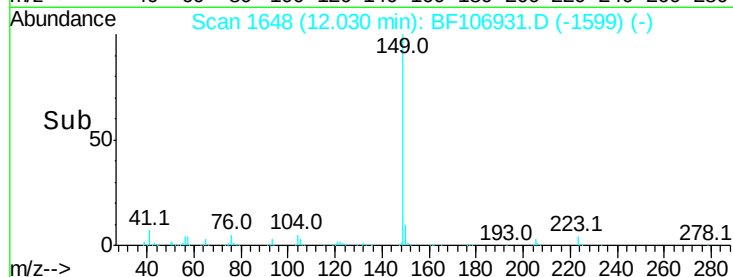
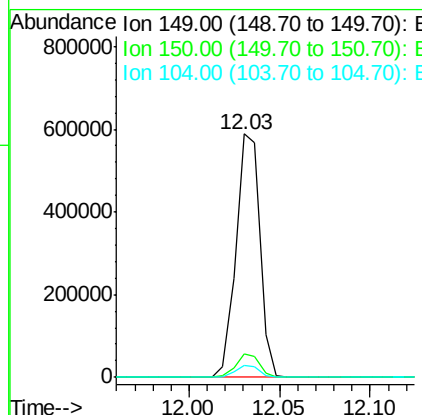
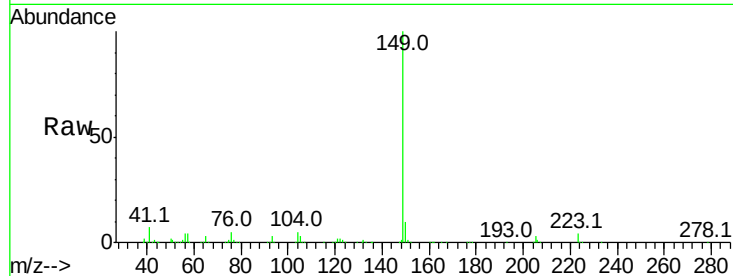
#73
Di-n-butylphthalate
Concen: 41.214 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.8	11.6	
104	4.8	3.8	5.8	

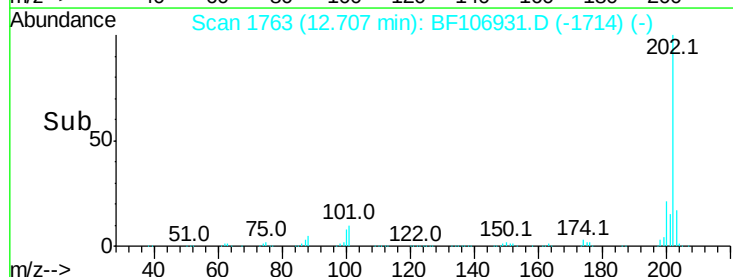
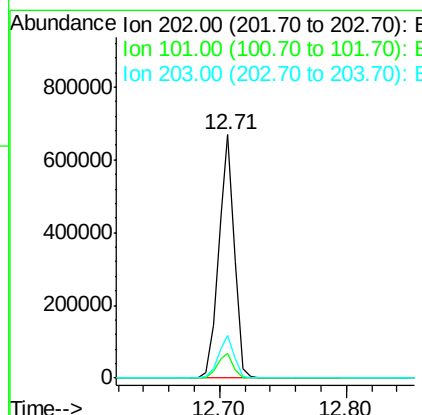
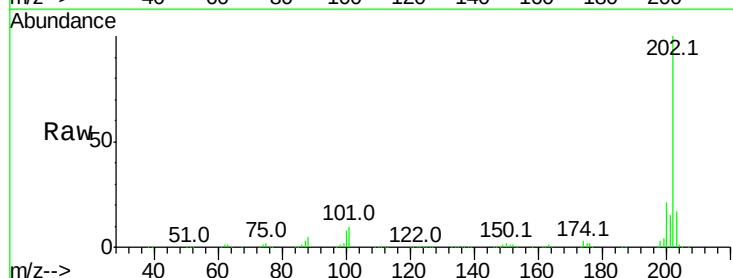
Manual Integrations
APPROVED

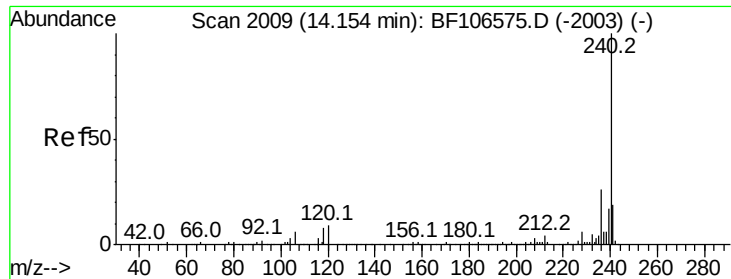
Sohil
6/29/2018 2:30:45 PM



#74
Fluoranthene
Concen: 45.029 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.2	0.0	34.1	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

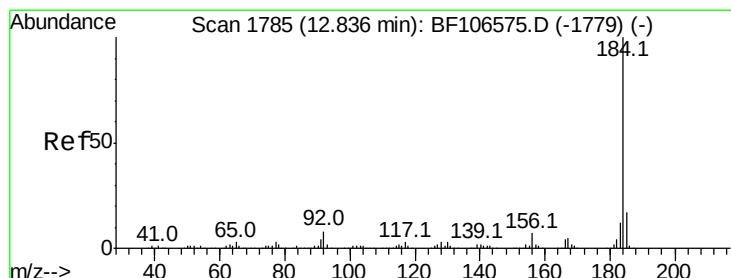
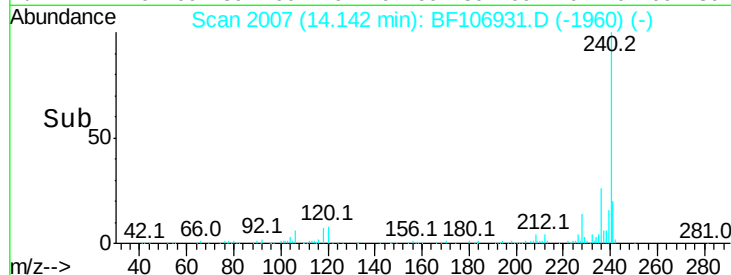
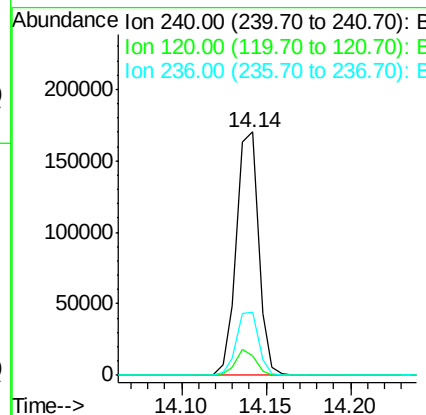
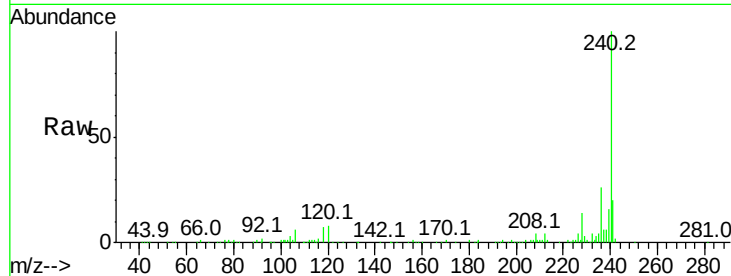
ClientSampleId :

PB110673BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.9	20.7	31.1

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#76

Benzidine

Concen: 53.684 ng

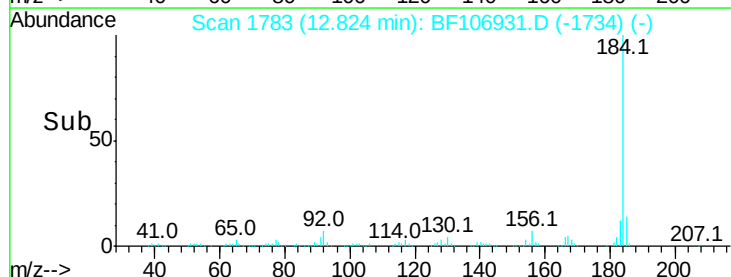
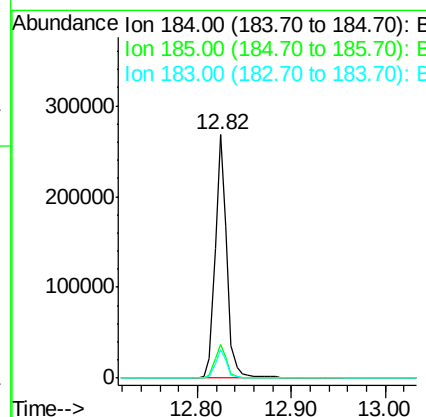
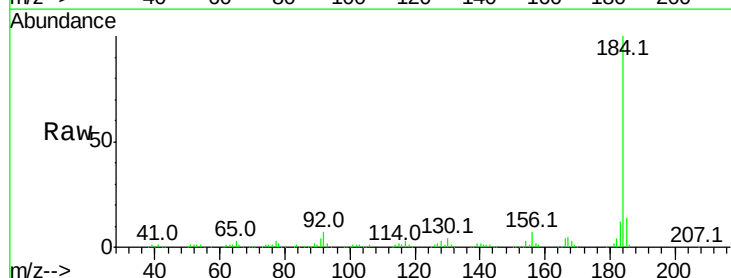
RT: 12.82 min Scan# 1783

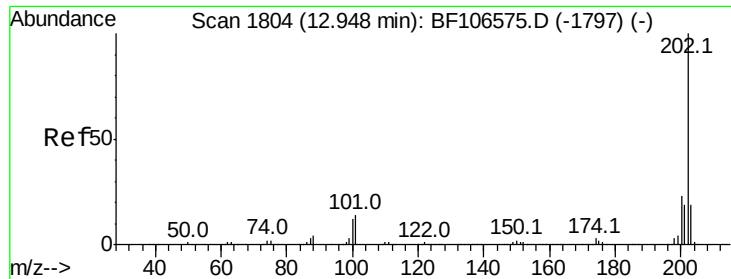
Delta R.T. -0.01 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.8	9.3	13.9





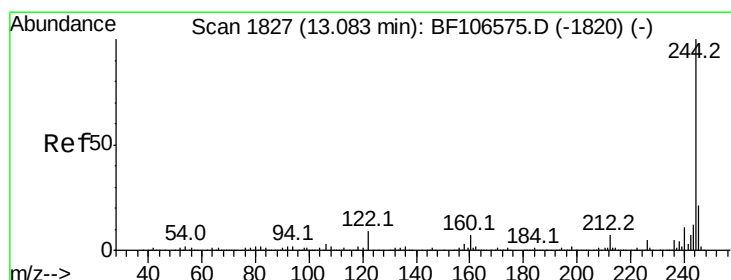
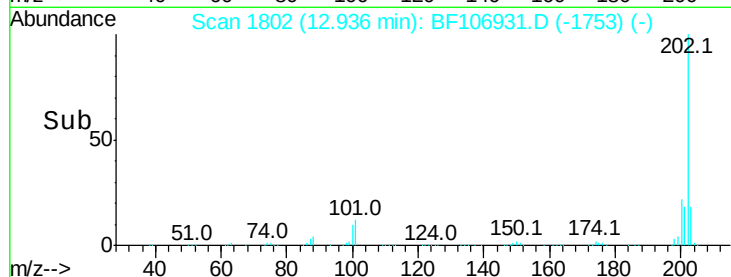
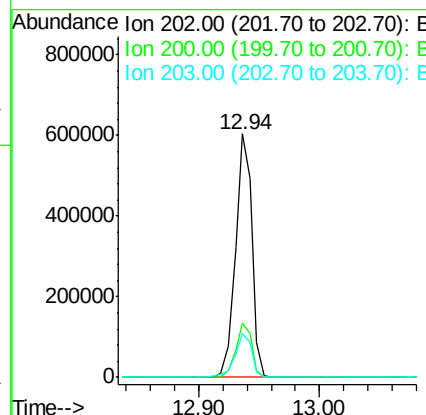
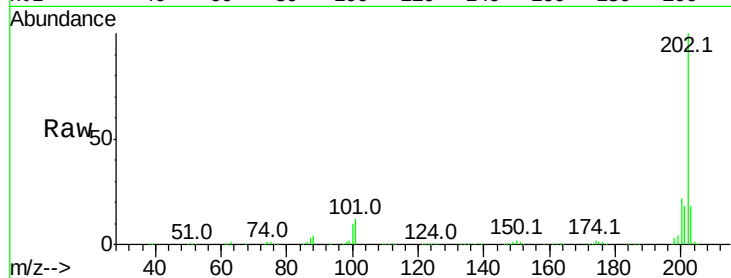
#77
Pvrene
Concen: 55.358 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.4	26.2
203	18.1	14.3	21.5

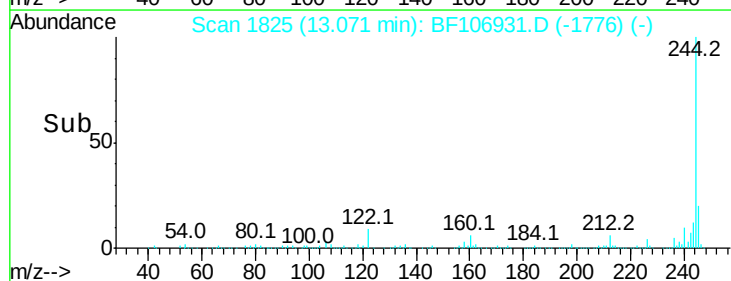
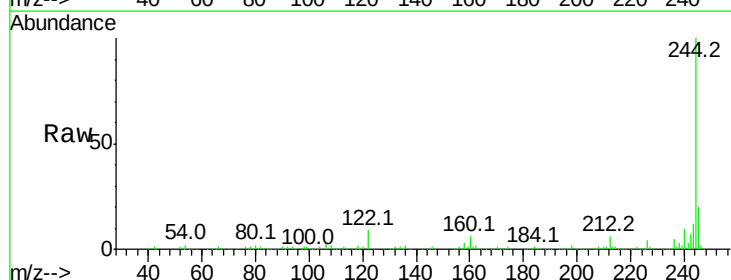
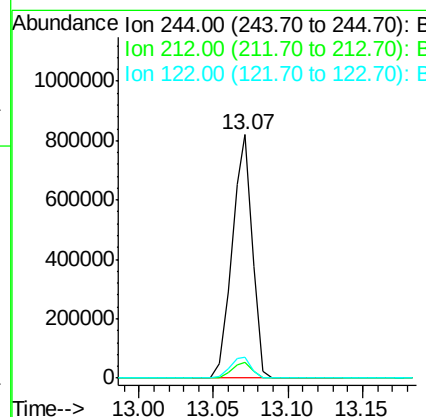
Manual Integrations
APPROVED

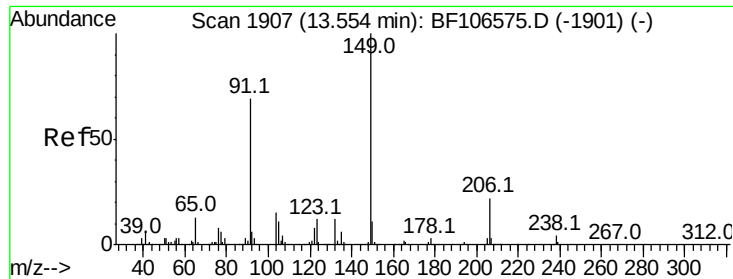
Sohil
6/29/2018 2:30:45 PM



#78
Terphenyl-d14
Concen: 122.035 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.4	8.0
122	8.5	11.0	16.4#





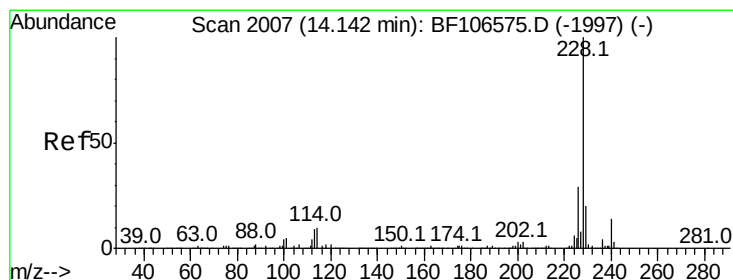
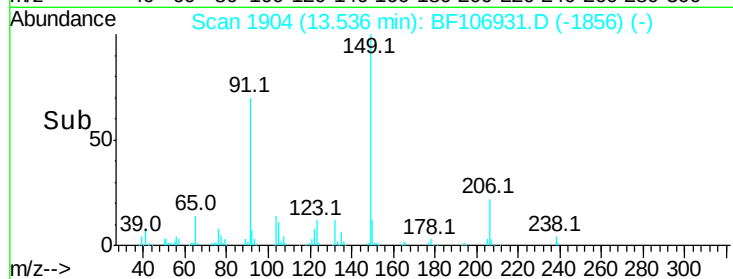
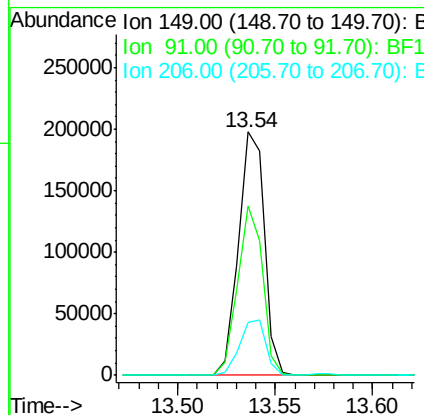
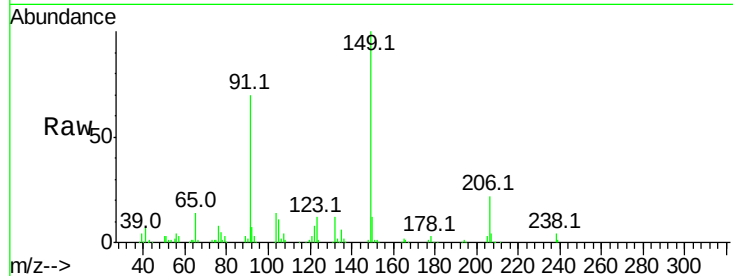
#79
Butylbenzylphthalate
Concen: 43.274 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	182709		
91	69.7	56.8	85.2	
206	21.9	14.1	21.1	

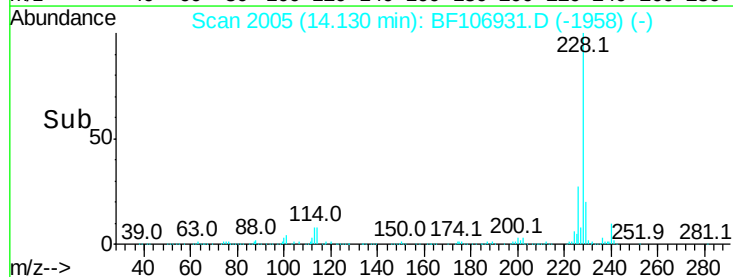
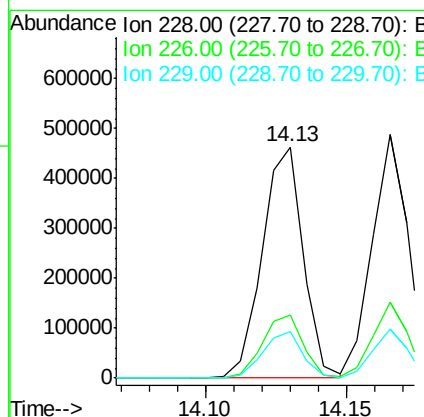
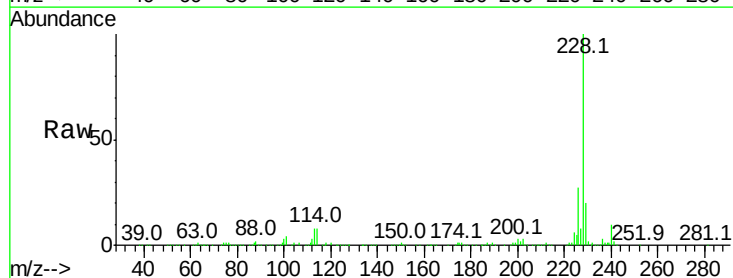
Manual Integrations
APPROVED

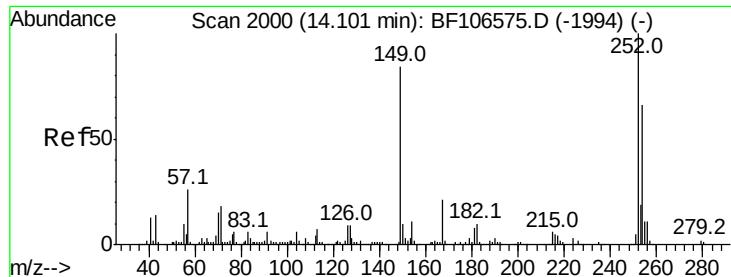
Sohil
6/29/2018 2:30:45 PM



#80
Benzo(a)anthracene
Concen: 48.934 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	464434		
226	27.4	22.6	33.8	
229	19.9	15.8	23.6	





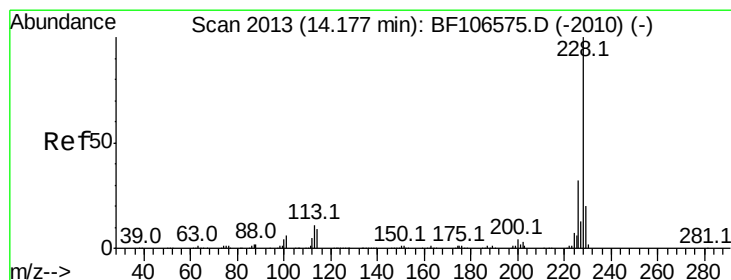
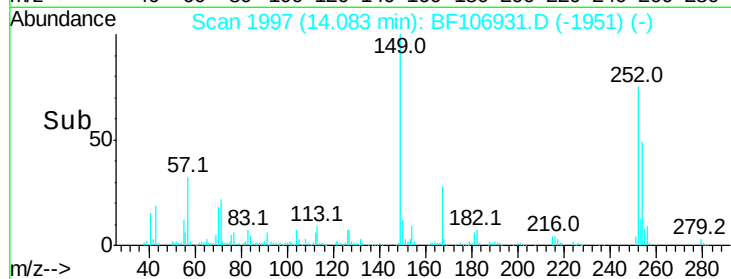
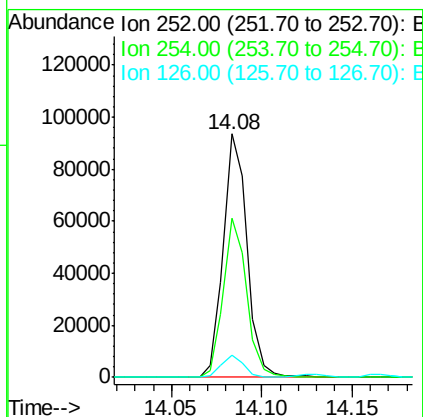
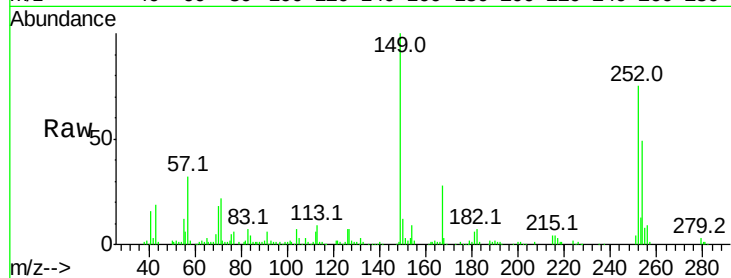
#81
 3,3'-Dichlorobenzidine
 Concen: 25.715 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	9.0	11.3	16.9

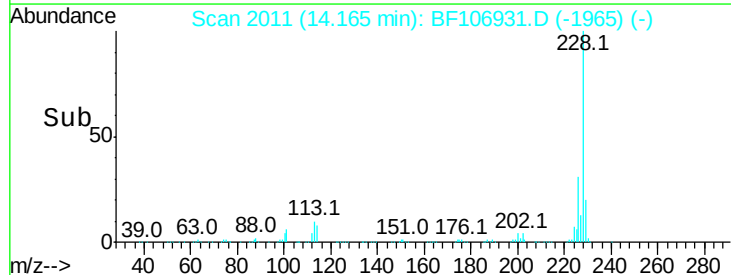
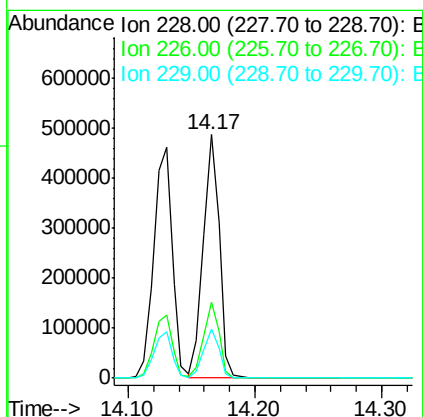
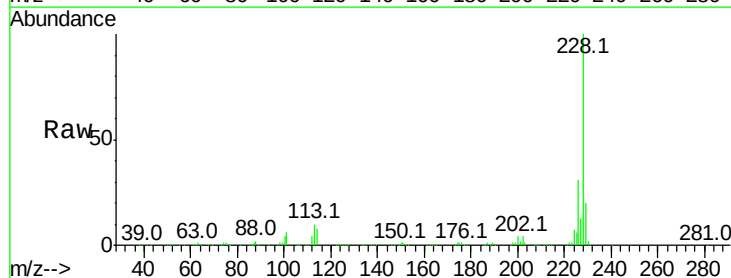
Manual Integrations
 APPROVED

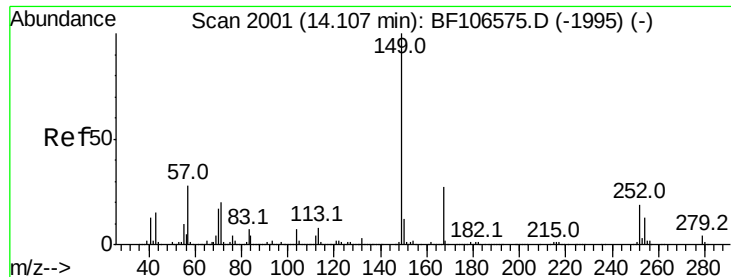
Sohil
 6/29/2018 2:30:45 PM



#82
 Chrysene
 Concen: 49.261 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.151 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Instrument :

BNA_F

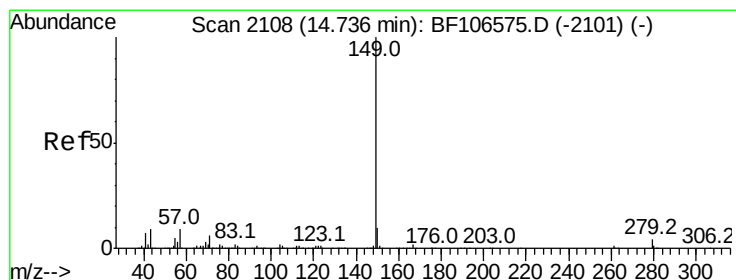
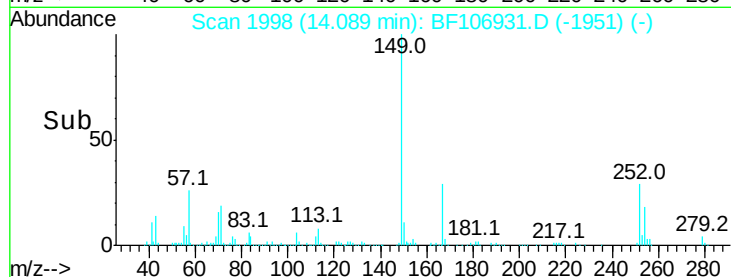
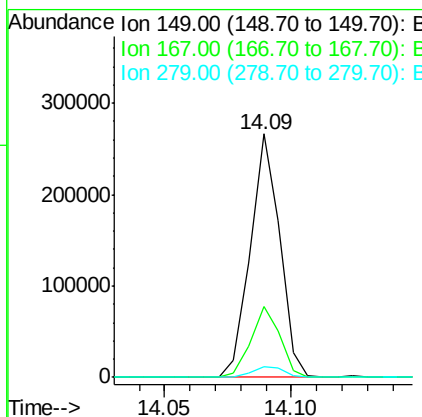
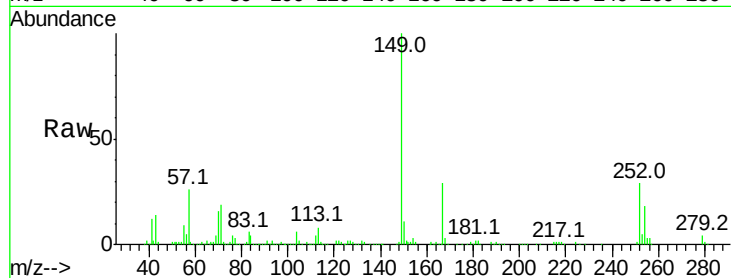
ClientSampleId :

PB110673BSD

Tot Ion:	149	Resp:	216728
Ion Ratio	Lower	Upper	
149	100		
167	28.9	21.3	31.9
279	4.2	3.0	4.4

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:45 PM



#84

Di-n-octyl phthalate

Concen: 37.443 ng

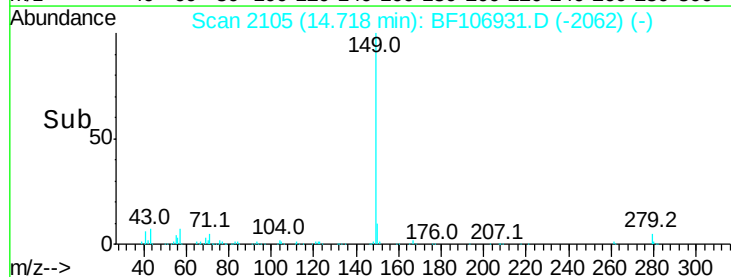
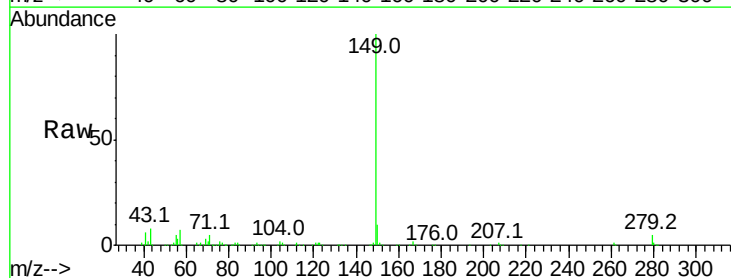
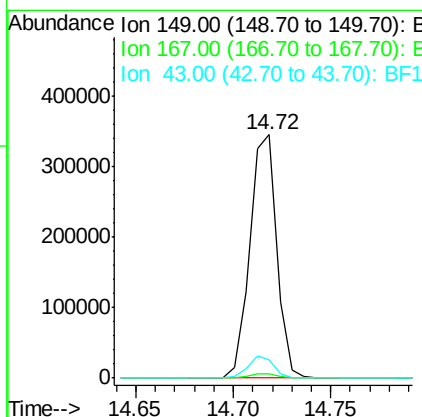
RT: 14.72 min Scan# 2105

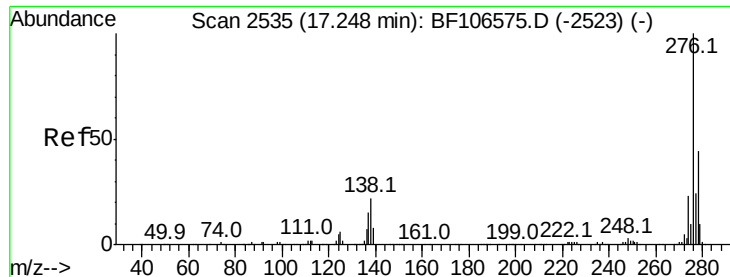
Delta R.T. -0.05 min

Lab File: BF106931.D

Acq: 28 Jun 2018 20:02

Tgt Ion:	149	Resp:	329451
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.7	8.4	12.6





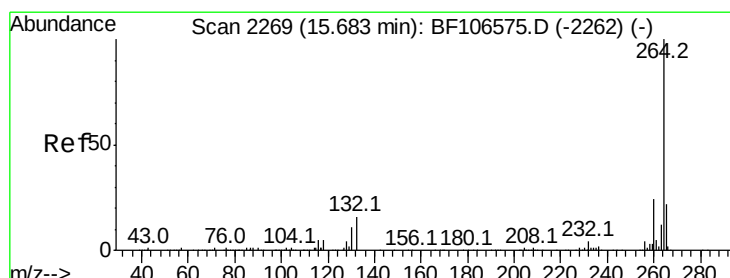
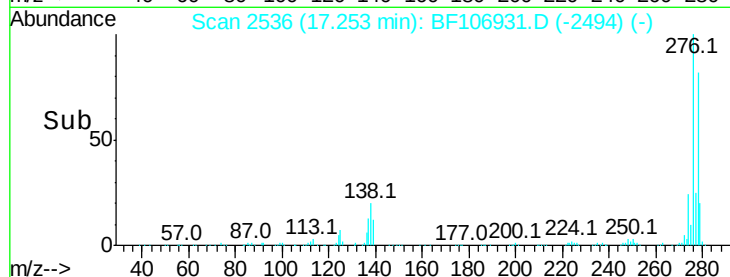
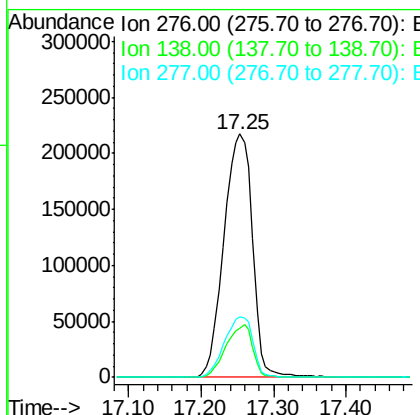
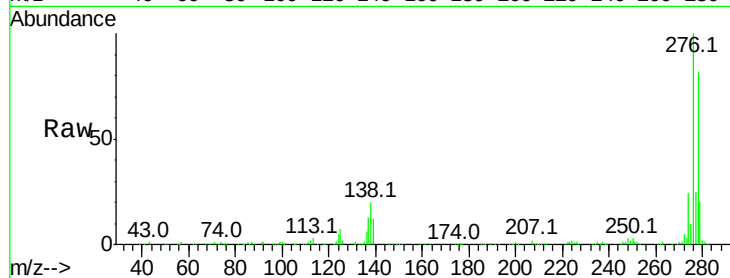
#85
Indeno(1,2,3-cd)pyrene
Concen: 80.264 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.1	20.1	30.1

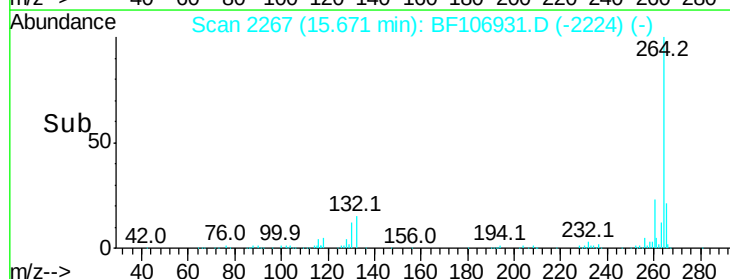
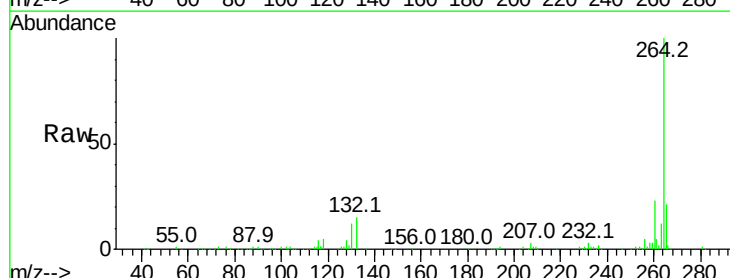
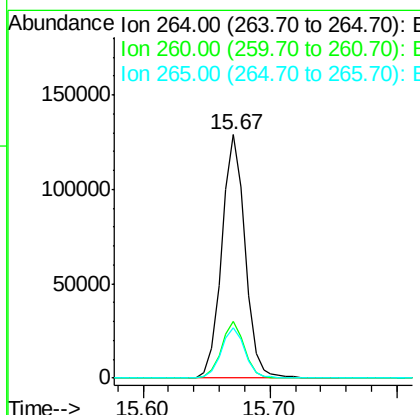
Manual Integrations
APPROVED

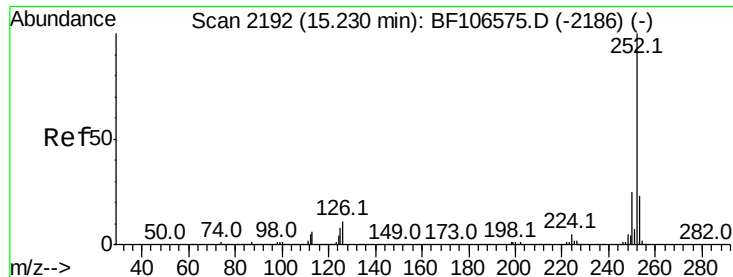
Sohil
6/29/2018 2:30:45 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	17.5	26.3





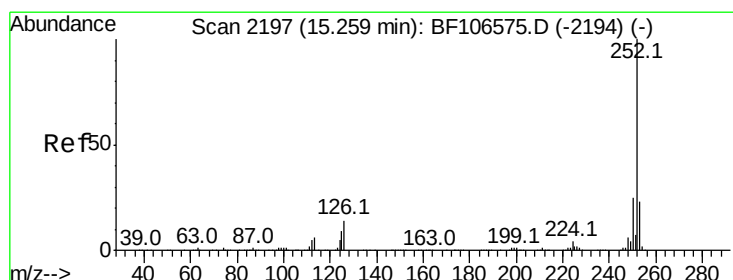
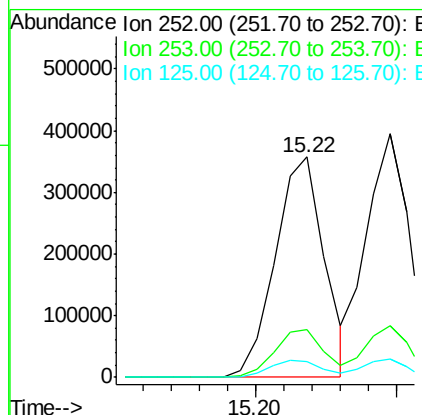
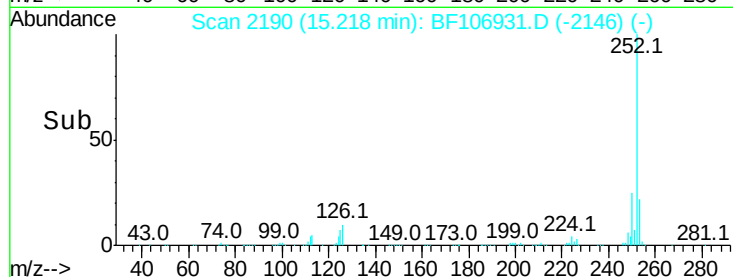
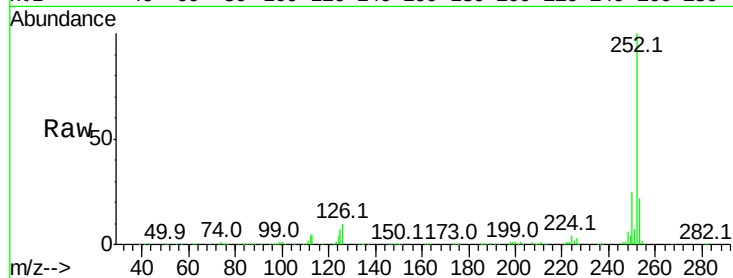
#87
Benzo(b)fluoranthene
Concen: 42.237 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.4	9.0	13.6#

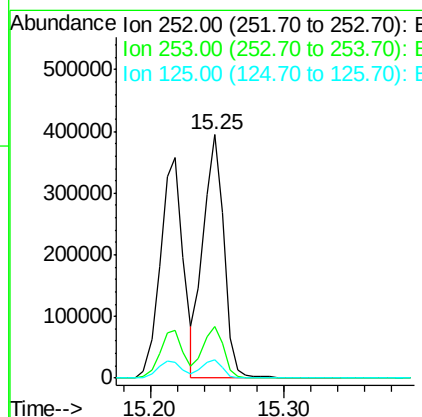
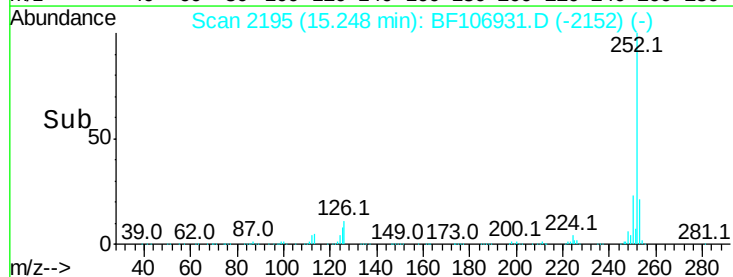
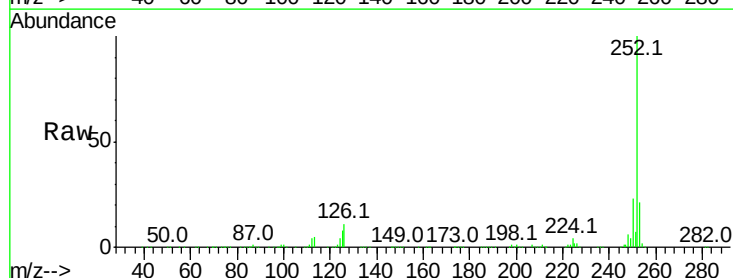
Manual Integrations
APPROVED

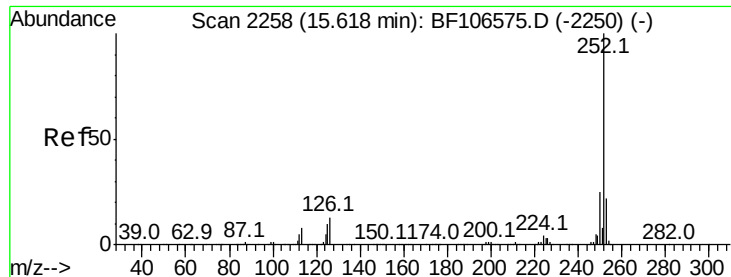
Sohil
6/29/2018 2:30:45 PM



#88
Benzo(k)fluoranthene
Concen: 43.557 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.6	10.2	15.2#





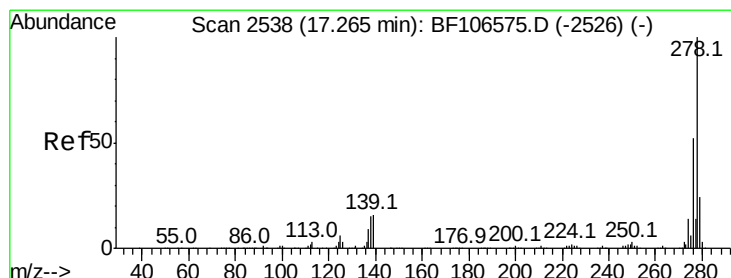
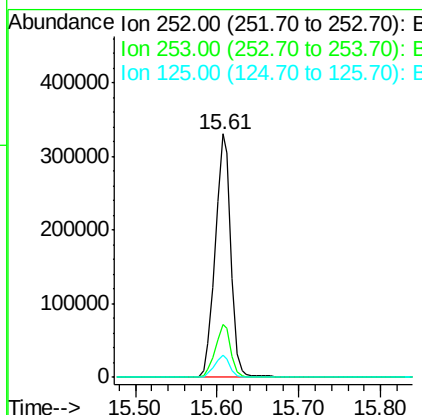
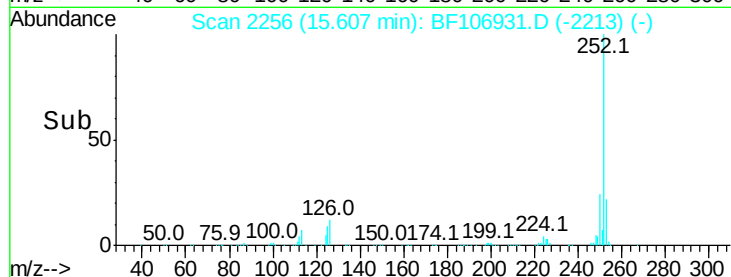
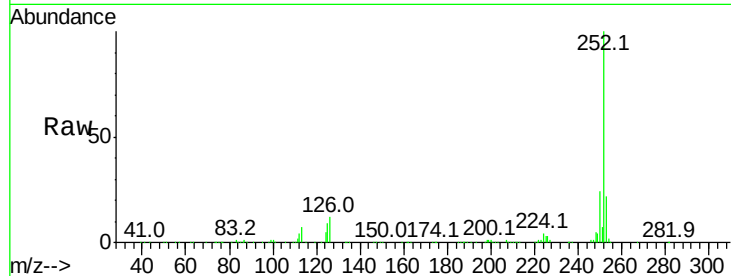
#89
Benzo(a)pyrene
Concen: 48.728 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Instrument :
BNA_F
ClientSampleId :
PB110673BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.2	9.8	14.6

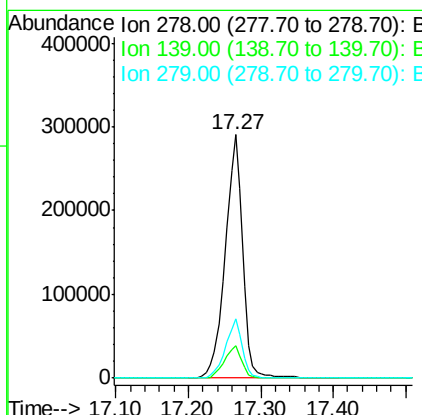
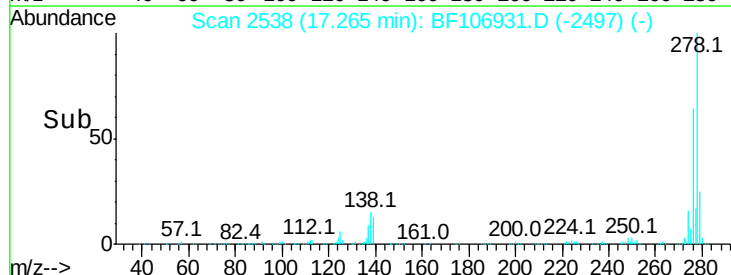
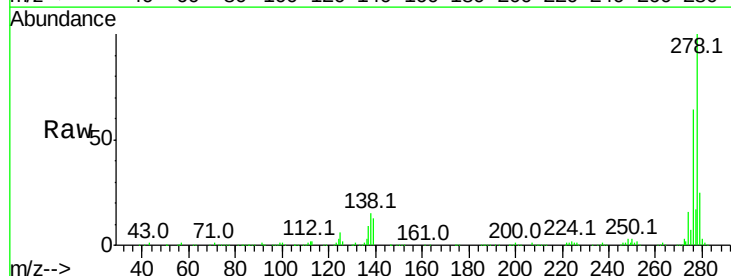
Manual Integrations
APPROVED

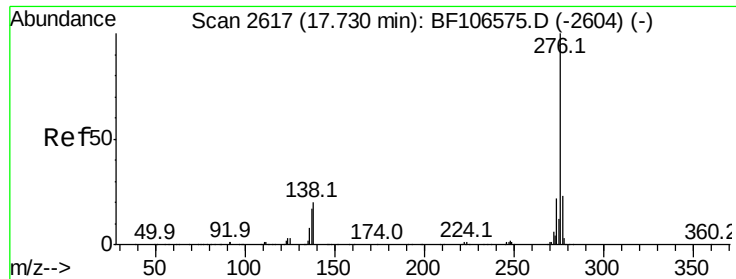
Sohil
6/29/2018 2:30:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 63.560 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF106931.D
Acq: 28 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.9	23.9
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 69.795 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF106931.D
 Acq: 28 Jun 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110673BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	17.9	26.9
138	18.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:45 PM

