

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109132.D
 Acq On : 19 Sep 2018 8:17
 Operator : JU/SJ
 Sample : PB112905BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Manual Integrations
 APPROVED

Sohil
 9/19/2018 4:24:16 PM

Quant Time: Sep 19 11:48:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123719	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	431815	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	178914	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	297824	20.00	ng	0.00
75) Chrysene-d12	13.86	240	278518	20.00	ng	0.00
86) Perylene-d12	15.26	264	264090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	696537	93.51	ng	0.01
7) Phenol-d6	6.36	99	872863	90.87	ng	0.00
23) Nitrobenzene-d5	7.28	82	789609	102.56	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	180611	93.02	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1315435	115.19	ng	0.00
78) Terphenyl-d14	12.81	244	1177122	100.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	133615	37.682	ng	94
3) Pyridine	3.16	79	374543	39.846	ng	90
4) n-Nitrosodimethylamine	3.10	42	183623	51.725	ng	# 97
6) Aniline	6.38	93	328353	26.448	ng	96
8) 2-Chlorophenol	6.51	128	377673	45.306	ng	99
9) Benzaldehyde	6.27	77	126949	20.694	ng	98
10) Phenol	6.38	94	454542	42.058	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	370905	43.623	ng	97
12) 1,3-Dichlorobenzene	6.67	146	418124	43.859	ng	99
13) 1,4-Dichlorobenzene	6.74	146	422014	44.126	ng	97
14) 1,2-Dichlorobenzene	6.90	146	385950	43.529	ng	98
15) Benzyl Alcohol	6.87	79	322968	44.291	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	520809	42.751	ng	94
17) 2-Methylphenol	6.98	107	301147	44.280	ng	96
18) Hexachloroethane	7.24	117	137951	39.715	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	266818	42.025	ng	97
20) 3+4-Methylphenols	7.14	107	358325	43.746	ng	# 73
22) Acetophenone	7.13	105	501783	51.169	ng	# 94
24) Nitrobenzene	7.31	77	398211	50.167	ng	98
25) Isophorone	7.54	82	707109	53.431	ng	97
26) 2-Nitrophenol	7.62	139	144528	38.994	ng	98
27) 2,4-Dimethylphenol	7.67	122	323933	55.716	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	449813	50.508	ng	100
29) 2,4-Dichlorophenol	7.87	162	287849	46.460	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	317499	47.408	ng	96
31) Naphthalene	8.02	128	1024586	51.121	ng	99
32) Benzoic acid	7.76	122	104776m	27.580	ng	
33) 4-Chloroaniline	8.07	127	158930	17.835	ng	98
34) Hexachlorobutadiene	8.15	225	191977	46.954	ng	99
35) Caprolactam	8.44	113	83266m	41.222	ng	
36) 4-Chloro-3-methylphenol	8.56	107	287113	44.022	ng	98
37) 2-Methylnaphthalene	8.72	142	665902	50.969	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	301897	53.612	ng	98
40) Hexachlorocyclopentadiene	8.88	237	77075	27.166	ng	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109132.D
 Acq On : 19 Sep 2018 8:17
 Operator : JU/SJ
 Sample : PB112905BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

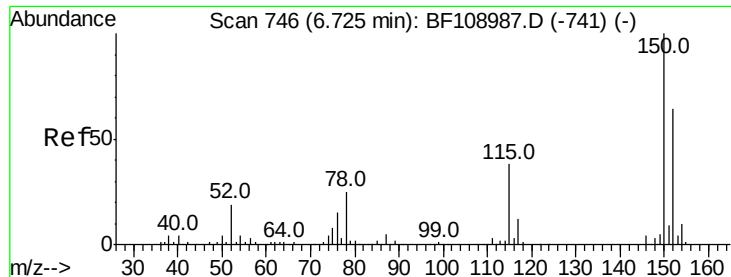
Manual Integrations
 APPROVED

Sohil
 9/19/2018 4:24:16 PM

Quant Time: Sep 19 11:48:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	187362	49.502	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	192391	48.641	ng	96
45) 1,1'-Biphenyl	9.18	154	767048	53.588	ng	98
46) 2-Chloronaphthalene	9.20	162	583033	50.861	ng	99
47) 2-Nitroaniline	9.30	65	184310	52.300	ng	97
48) Acenaphthylene	9.62	152	919027	53.174	ng	99
49) Dimethylphthalate	9.48	163	691143	54.048	ng	99
50) 2,6-Dinitrotoluene	9.54	165	140844	49.665	ng	96
51) Acenaphthene	9.79	154	520743	48.386	ng	100
52) 3-Nitroaniline	9.70	138	136845	40.980	ng	94
53) 2,4-Dinitrophenol	9.81	184	9661	8.840	ng	# 18
54) Dibenzofuran	9.96	168	763871	49.116	ng	98
55) 4-Nitrophenol	9.87	139	192449	78.222	ng	92
56) 2,4-Dinitrotoluene	9.94	165	171121	46.140	ng	# 96
57) Fluorene	10.30	166	553594	53.414	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150671	46.005	ng	89
59) Diethylphthalate	10.18	149	663506	51.382	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	270428	48.728	ng	94
61) 4-Nitroaniline	10.31	138	138992	43.811	ng	99
62) Azobenzene	10.45	77	619715	46.883	ng	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	9804	6.880	ng	88
65) n-Nitrosodiphenylamine	10.41	169	532923	54.704	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	176915	52.691	ng	93
67) Hexachlorobenzene	10.85	284	181119	50.431	ng	93
68) Atrazine	10.94	200	170735	54.748	ng	99
69) Pentachlorophenol	11.04	266	162719	70.817	ng	99
70) Phenanthrene	11.25	178	783099	53.639	ng	99
71) Anthracene	11.31	178	814944	55.066	ng	99
72) Carbazole	11.46	167	730110	49.837	ng	99
73) Di-n-butylphthalate	11.80	149	910435	53.090	ng	99
74) Fluoranthene	12.44	202	872309	56.597	ng	98
76) Benzidine	12.56	184	366530	37.177	ng	97
77) Pyrene	12.67	202	900435	43.525	ng	99
79) Butylbenzylphthalate	13.29	149	405895	43.927	ng	98
80) Benzo(a)anthracene	13.85	228	866209	51.369	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	278013	40.857	ng	96
82) Chrysene	13.88	228	846658	50.185	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	520434	46.517	ng	100
84) Di-n-octyl phthalate	14.46	149	1029566	54.260	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	623195	46.204	ng	94
87) Benzo(b)fluoranthene	14.87	252	806133	55.177	ng	97
88) Benzo(k)fluoranthene	14.89	252	779191	57.101	ng	98
89) Benzo(a)pyrene	15.21	252	713401	54.984	ng	98
90) Dibenzo(a,h)anthracene	16.63	278	523631	48.037	ng	96
91) Benzo(g,h,i)perylene	17.02	276	500614	45.936	ng	# 92

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



#1

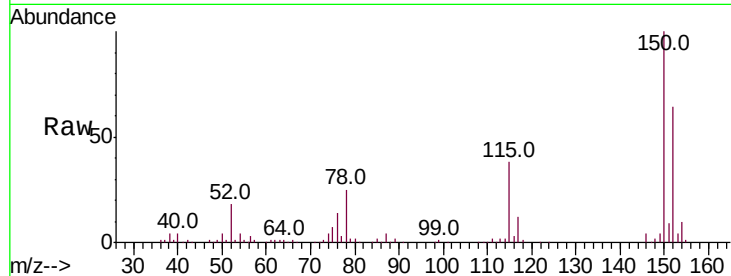
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.0	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM

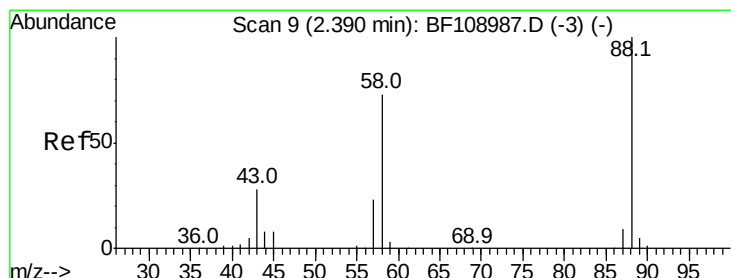
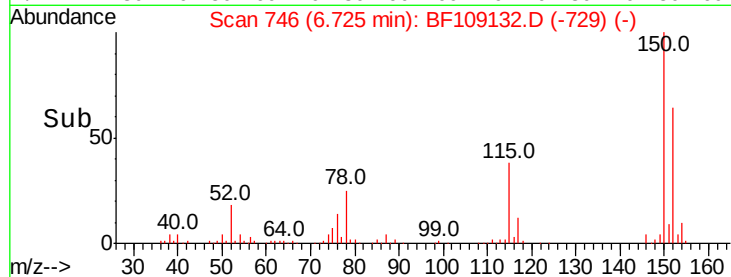
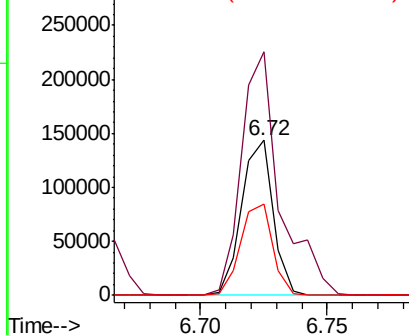


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

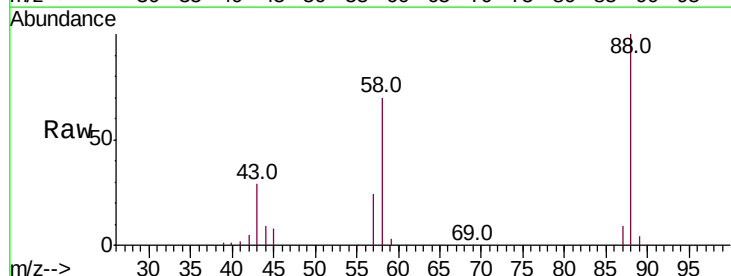
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.682 ng
RT: 2.46 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	62.6	93.8
43	28.8	24.6	37.0

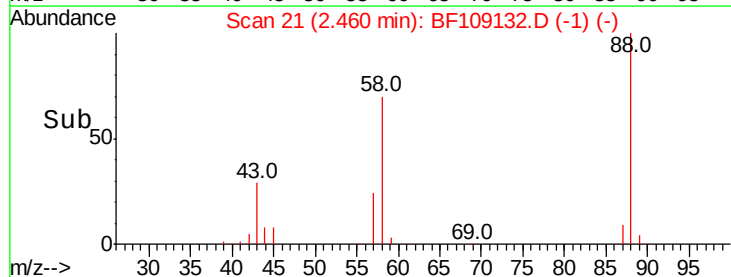
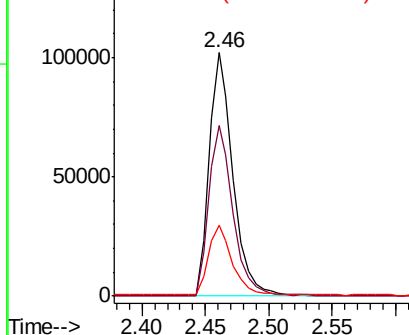


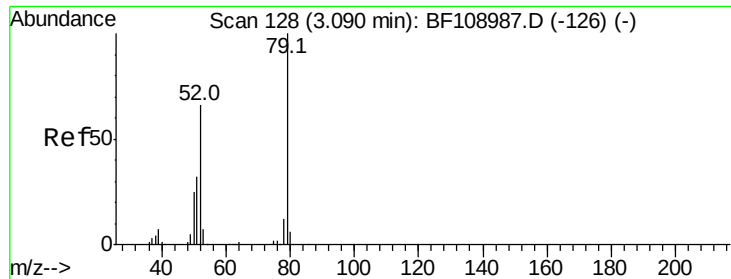
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





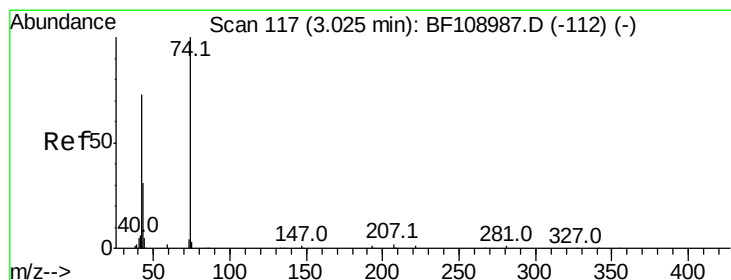
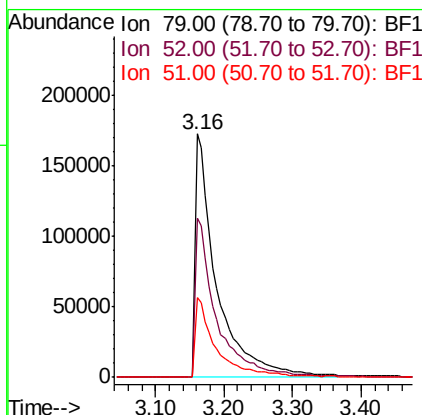
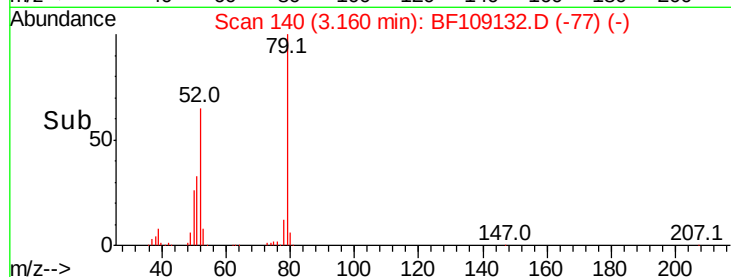
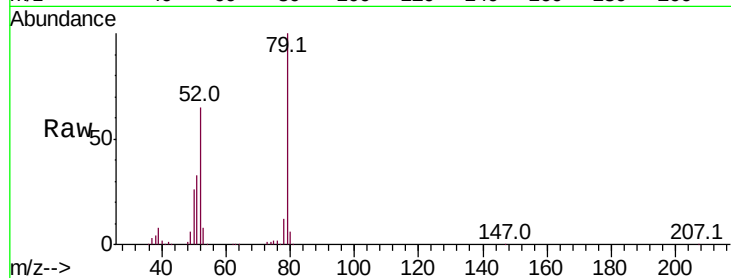
#3
 Pvrindine
 Concen: 39.846 ng
 RT: 3.16 min Scan# 140
 Delta R.T. 0.07 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	59.8	89.6
51	33.0	29.8	44.8

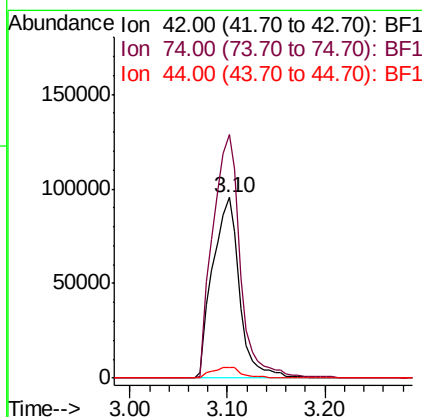
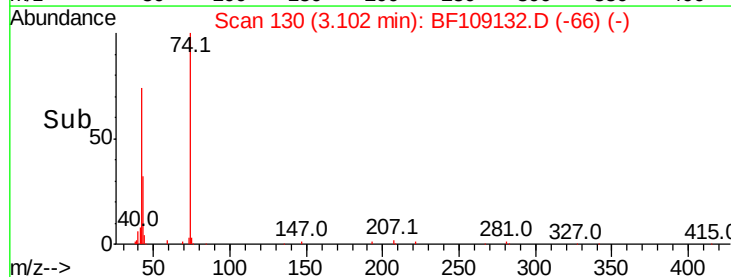
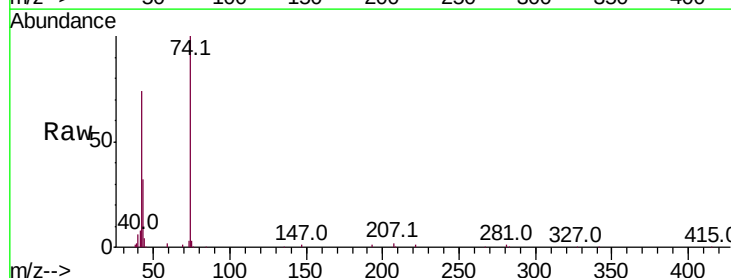
Manual Integrations
 APPROVED

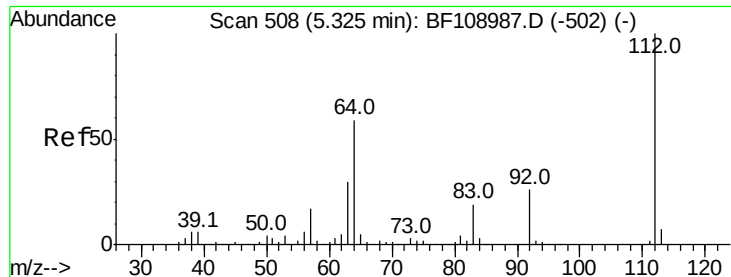
Sohil
 9/19/2018 4:24:16 PM



#4
 n-Nitrosodimethylamine
 Concen: 51.725 ng
 RT: 3.10 min Scan# 130
 Delta R.T. 0.08 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.8	104.9	157.3
44	6.0	6.9	10.3#





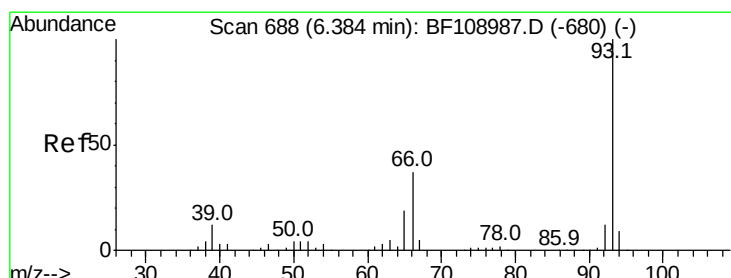
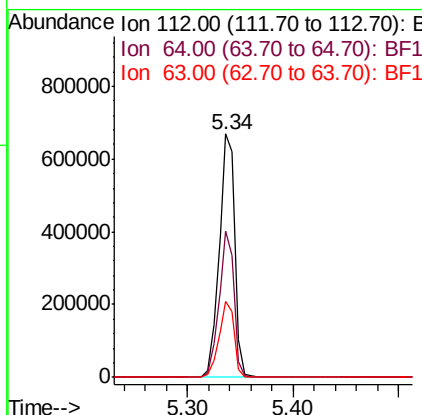
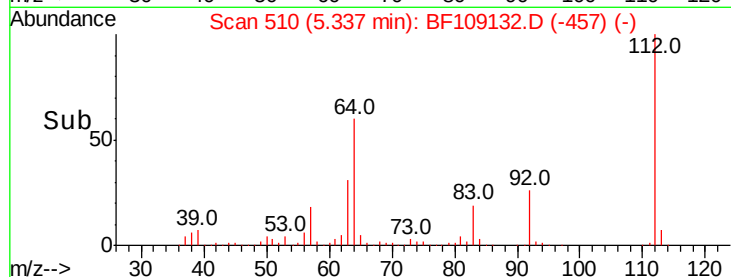
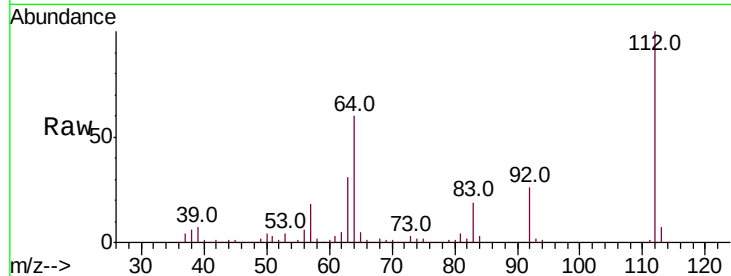
#5
 2-Fluorophenol
 Concen: 93.508 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion:	112	Resp:	696537
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.9	71.9
63	31.1	23.7	35.5

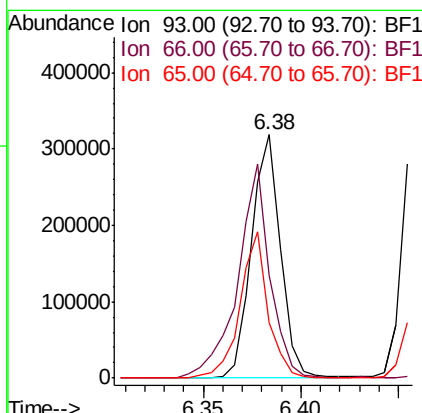
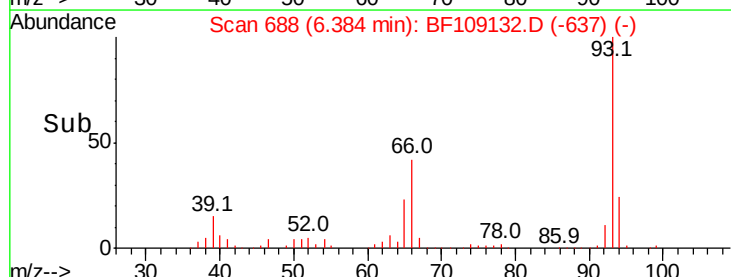
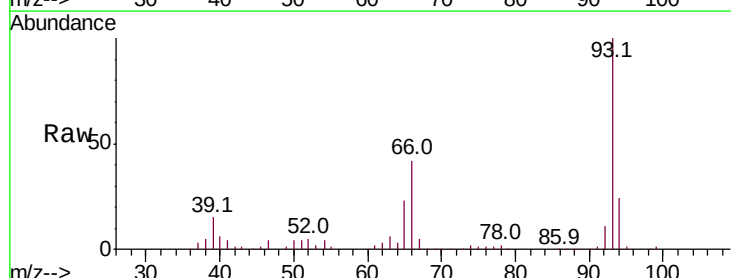
Manual Integrations
 APPROVED

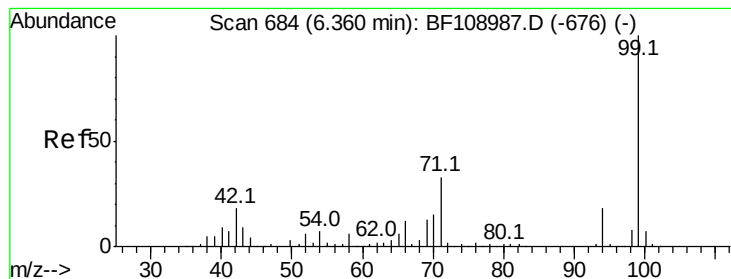
Sohil
 9/19/2018 4:24:16 PM



#6
 Aniline
 Concen: 26.448 ng
 RT: 6.38 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion:	93	Resp:	328353
Ion Ratio	Lower	Upper	
93	100		
66	42.0	32.2	48.2
65	22.7	16.4	24.6





#7

Phenol-d6

Concen: 90.875 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

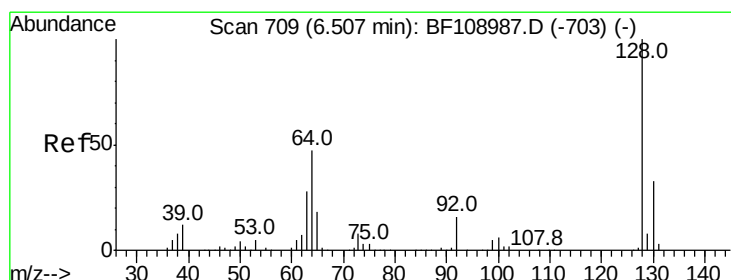
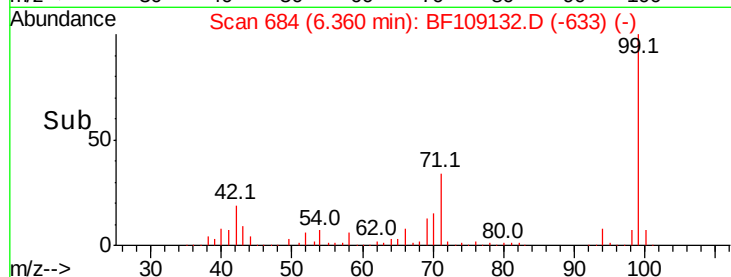
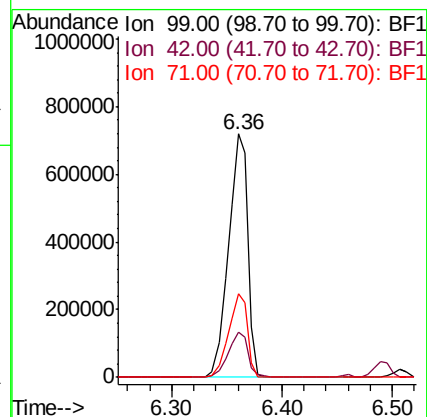
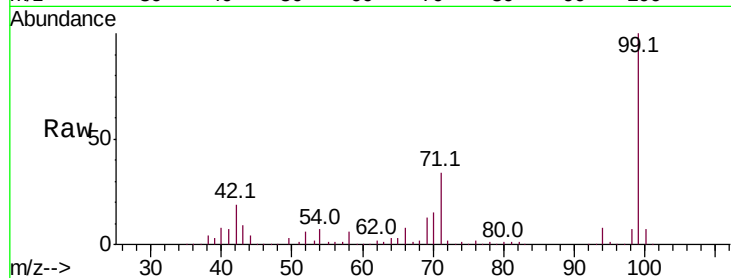
ClientSampleId :

PB112905BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		872863		
42	18.6	14.5	21.7		
71	34.5	25.4	38.0		

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#8

2-Chlorophenol

Concen: 45.306 ng

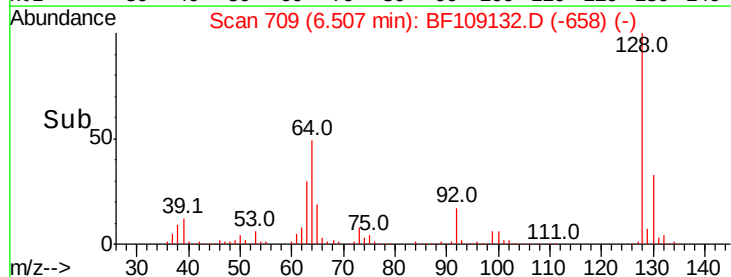
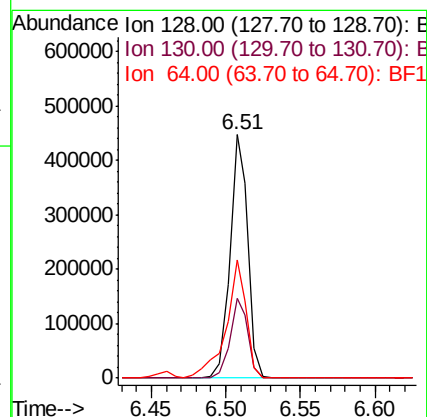
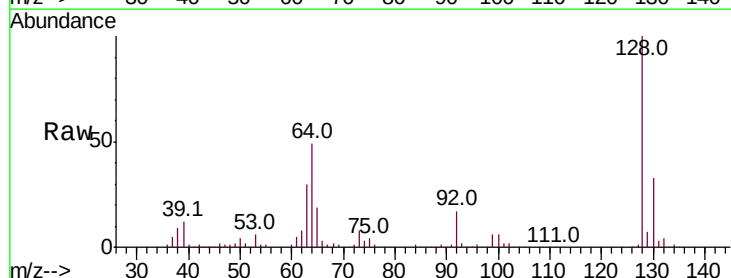
RT: 6.51 min Scan# 709

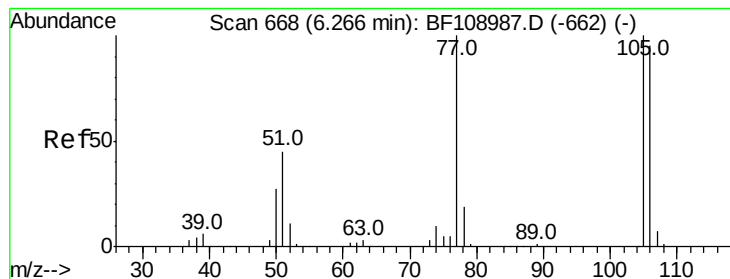
Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		377673		
130	32.8	13.0	53.0		
64	48.5	29.4	69.4		





#9

Benzaldehyde

Concen: 20.694 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

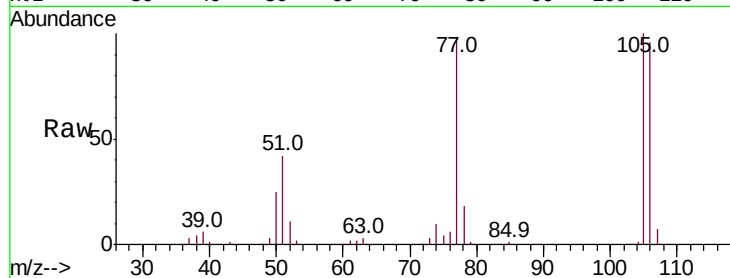
ClientSampleId :

PB112905BS

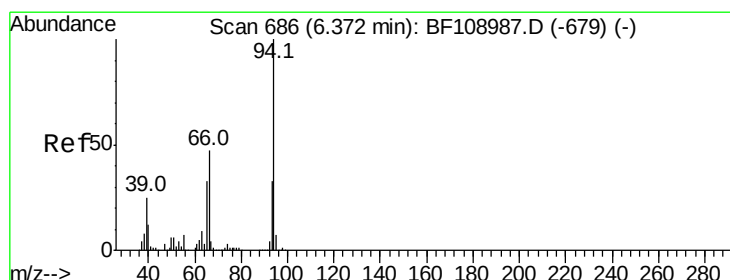
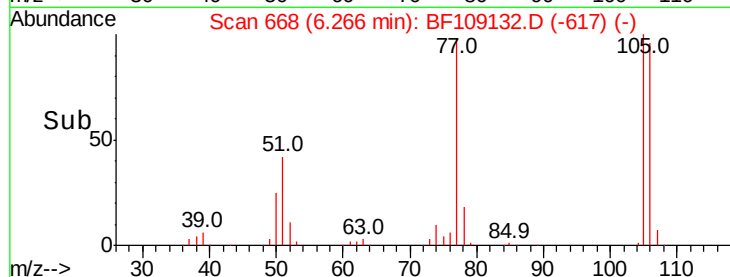
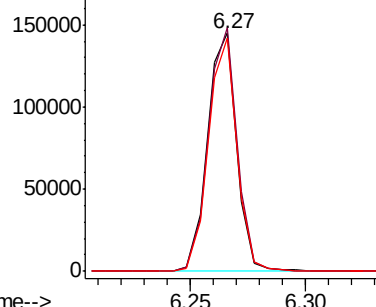
Tot Ion:	77	Resp:	126949
Ion Ratio	Lower	Upper	
77	100		
105	102.3	81.1	121.1
106	98.2	74.5	114.5

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.058 ng

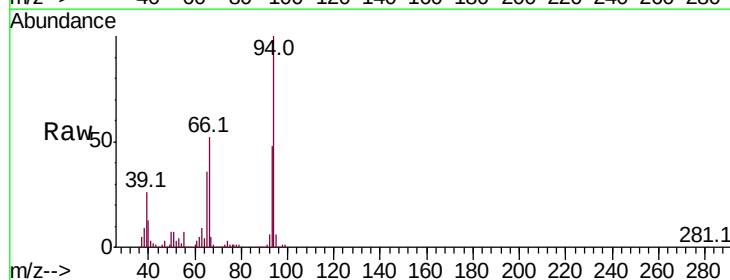
RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

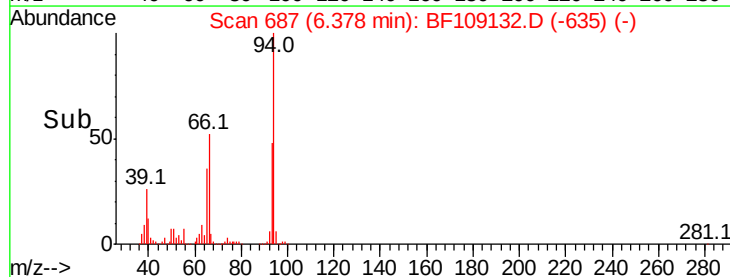
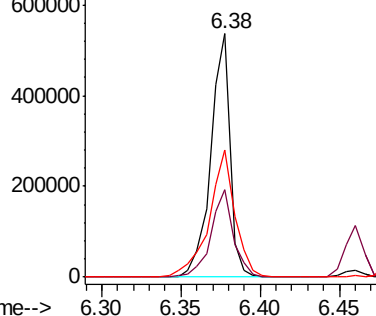
Lab File: BF109132.D

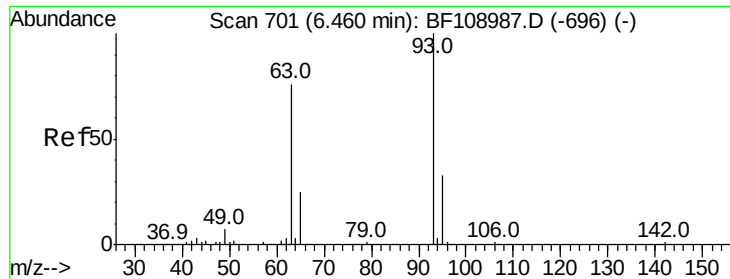
Acq: 19 Sep 2018 8:17

Tgt Ion:	94	Resp:	454542
Ion Ratio	Lower	Upper	
94	100		
65	35.7	7.9	47.9
66	52.3	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





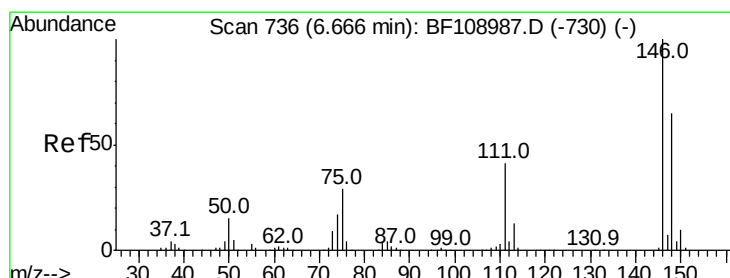
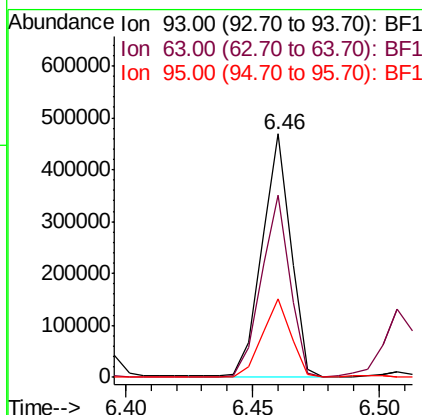
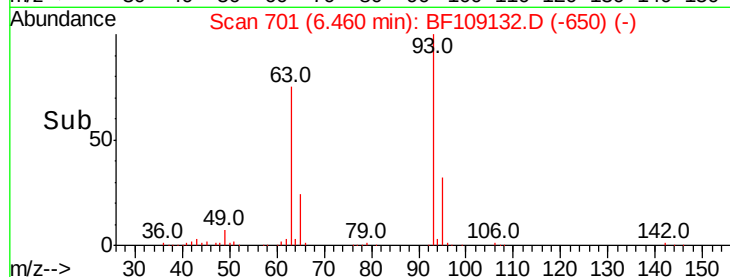
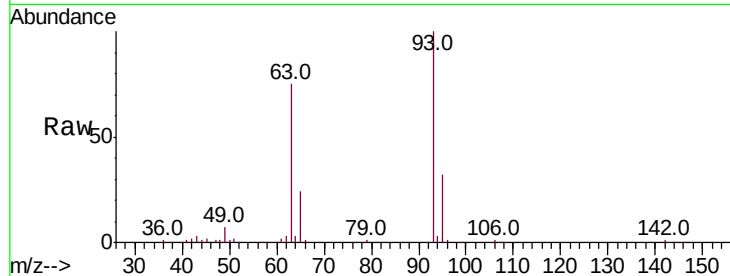
#11
bis(2-Chloroethyl)ether
Concen: 43.623 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	93	Resp	370905
Ion Ratio	100	Lower	Upper
93	100		
63	75.0	58.6	98.6
95	32.5	11.8	51.8

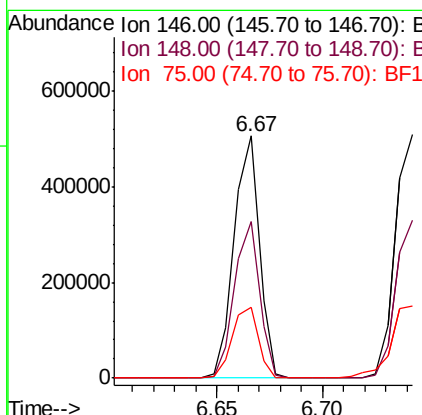
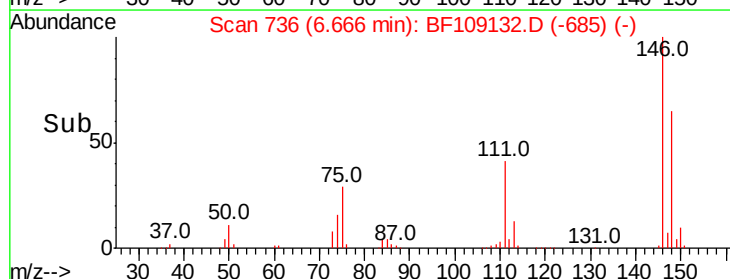
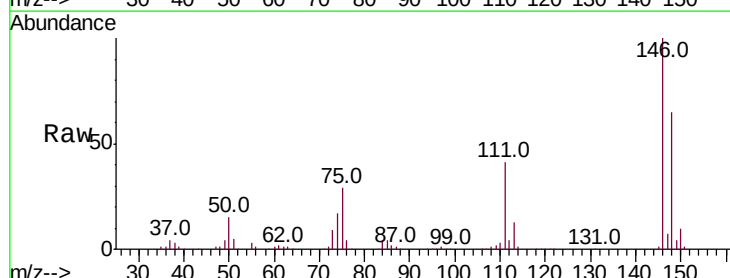
Manual Integrations
APPROVED

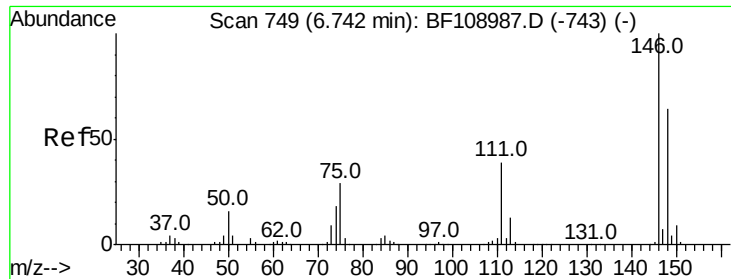
Sohil
9/19/2018 4:24:16 PM



#12
1,3-Dichlorobenzene
Concen: 43.859 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	146	Resp	418124
Ion Ratio	100	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	29.1	24.2	36.4





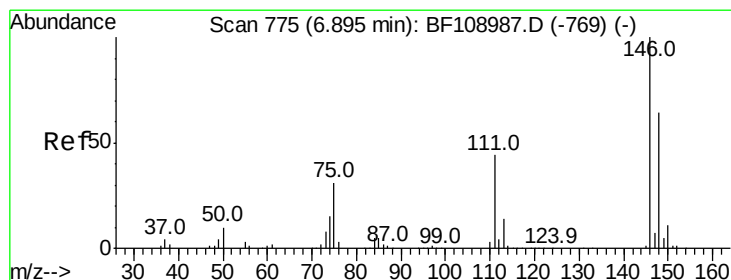
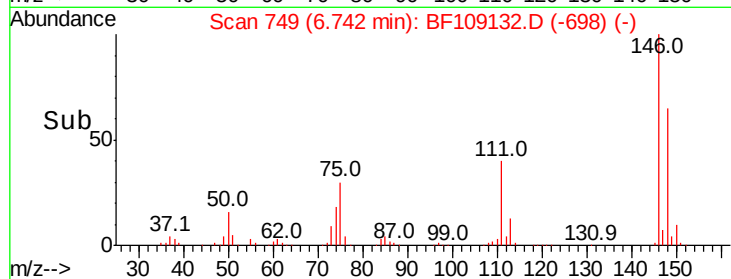
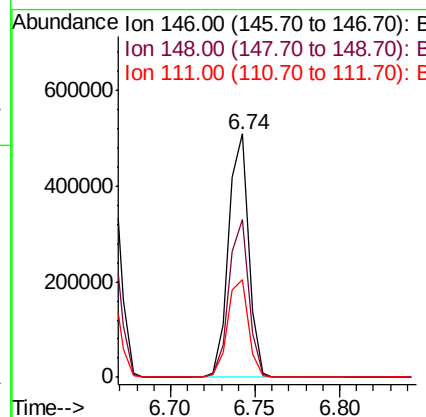
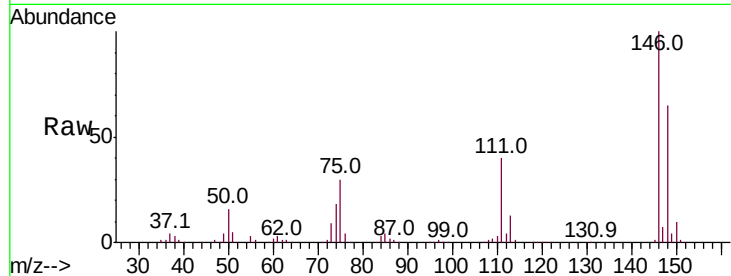
#13
 1,4-Dichlorobenzene
 Concen: 44.126 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	40.1	34.2	51.2

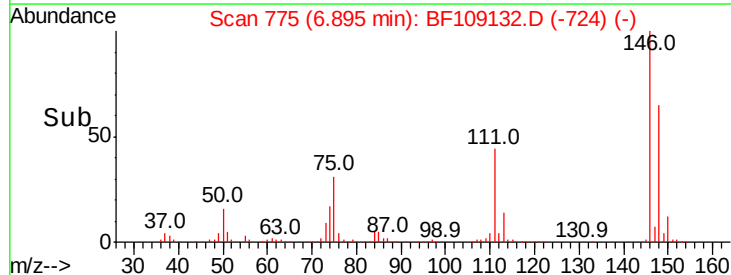
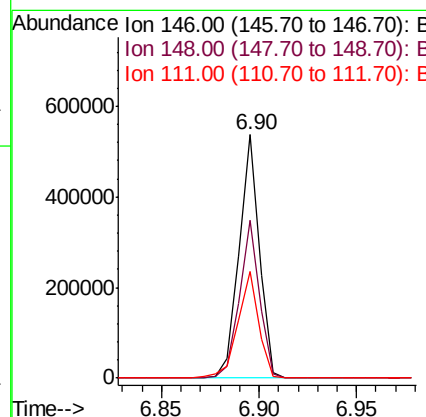
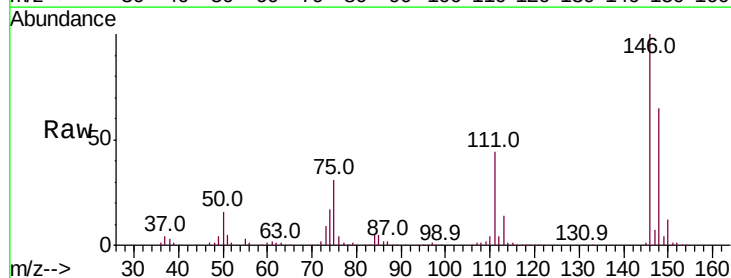
Manual Integrations
 APPROVED

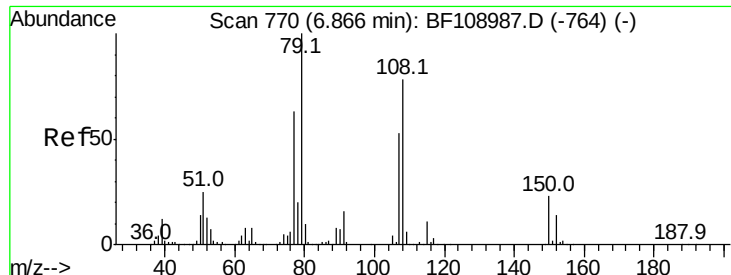
Sohil
 9/19/2018 4:24:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.529 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 44.291 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

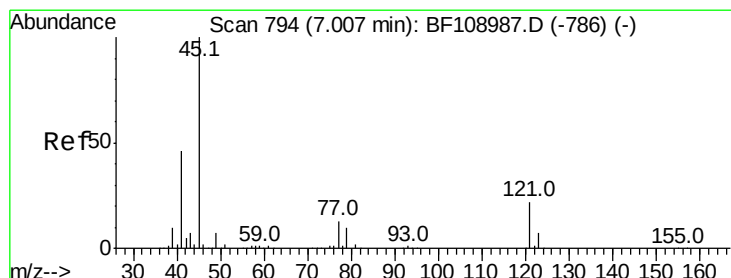
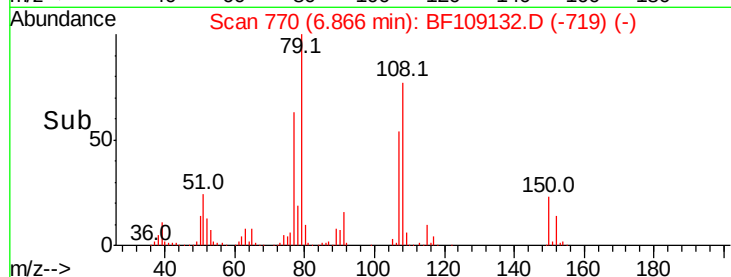
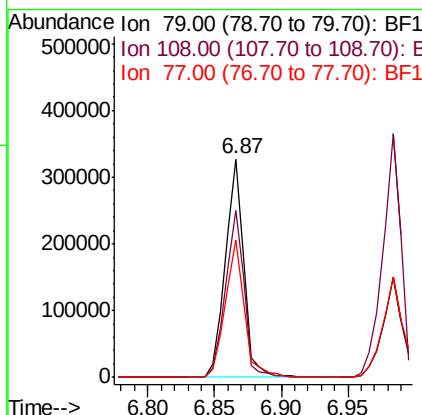
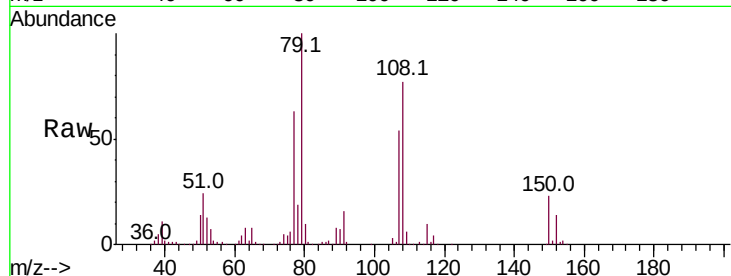
ClientSampleId :

PB112905BS

Tot Ion:	79	Resp:	322968
Ion Ratio	Lower	Upper	
79	100		
108	76.7	65.1	97.7
77	62.7	50.6	75.8

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.751 ng

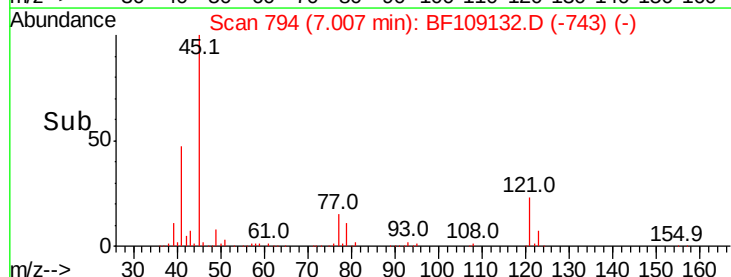
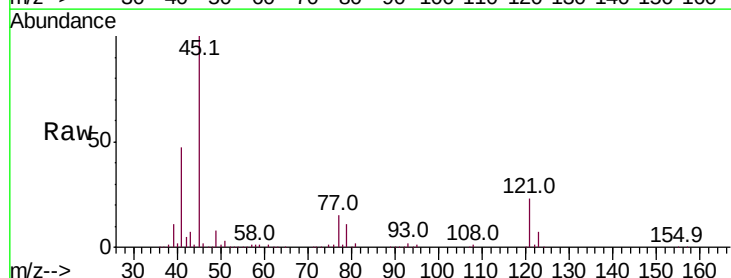
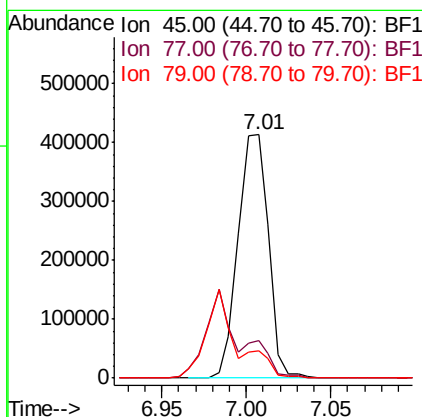
RT: 7.01 min Scan# 794

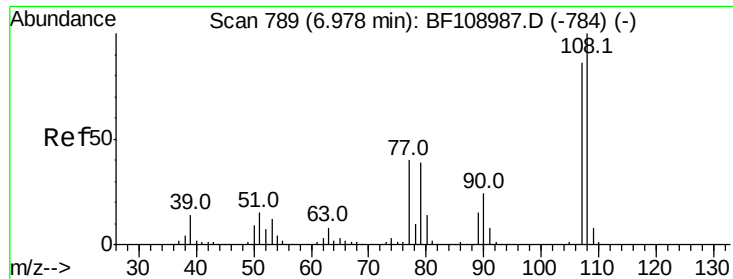
Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	45	Resp:	520809
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.9
79	11.5	0.0	29.6





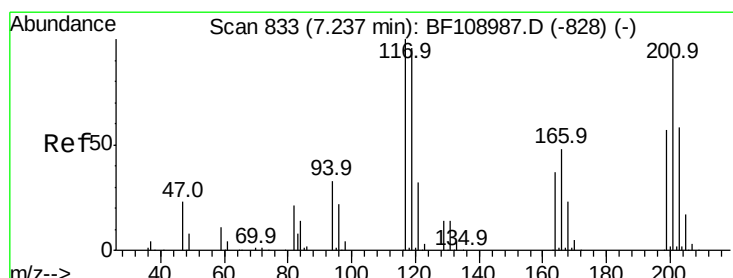
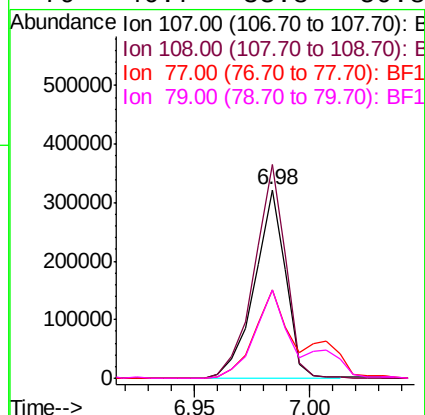
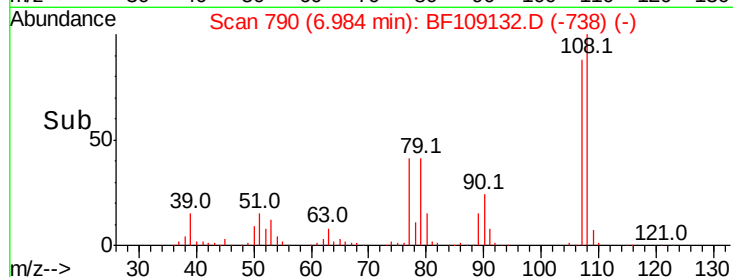
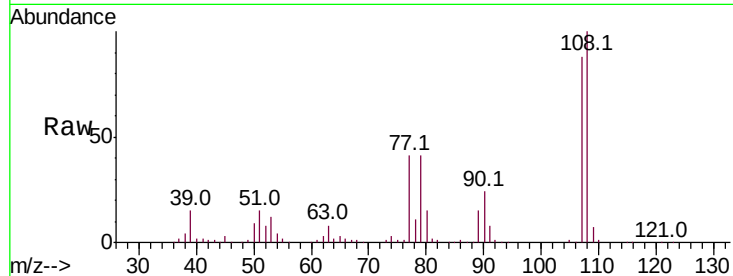
#17
2-Methylphenol
Concen: 44.280 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	46.9	33.8	50.8	
79	46.7	33.8	50.8	

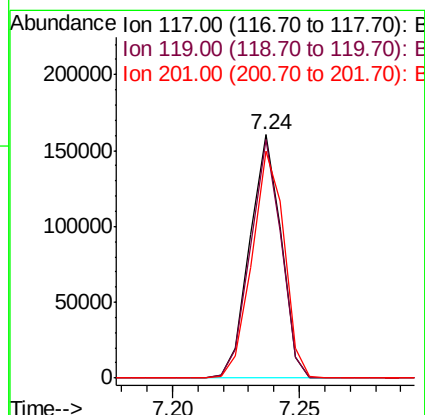
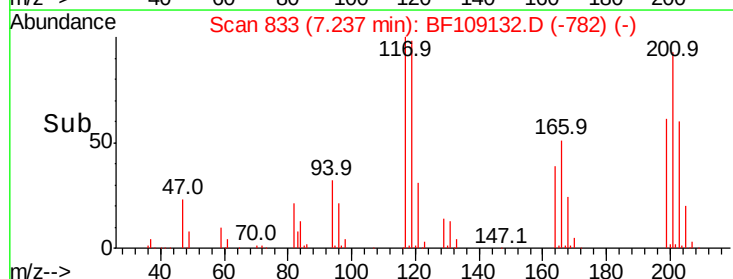
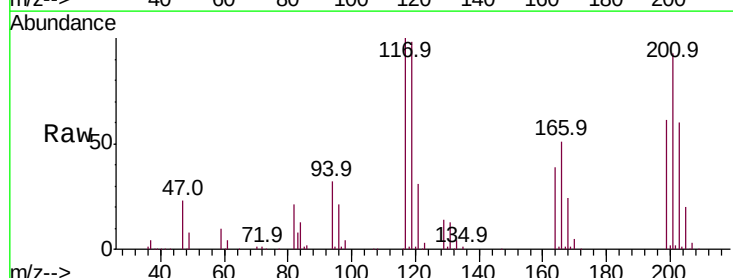
Manual Integrations
APPROVED

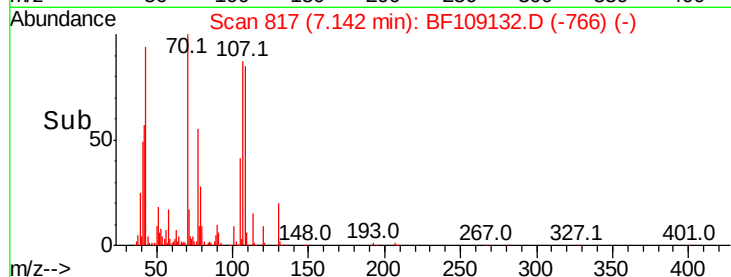
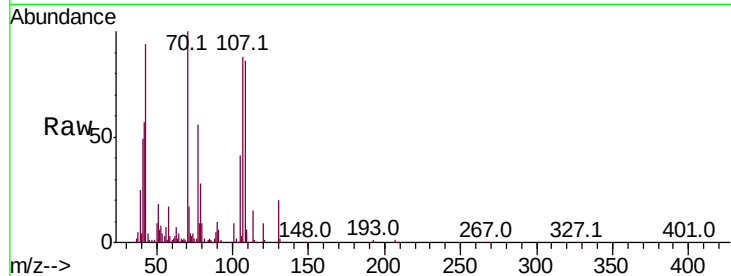
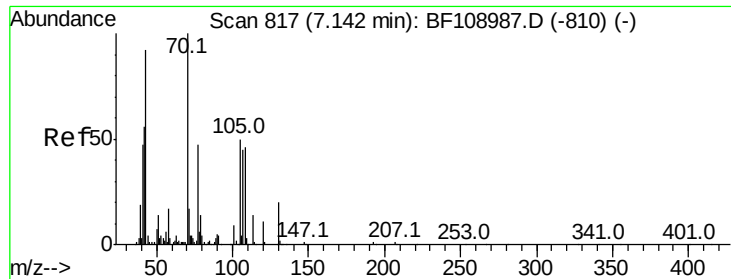
Sohil
9/19/2018 4:24:16 PM



#18
Hexachloroethane
Concen: 39.715 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	75.8	113.8	
201	93.1	75.7	113.5	





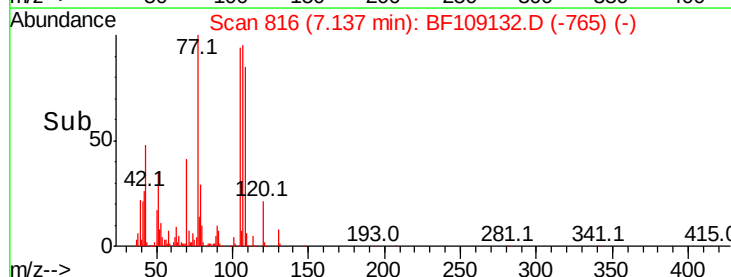
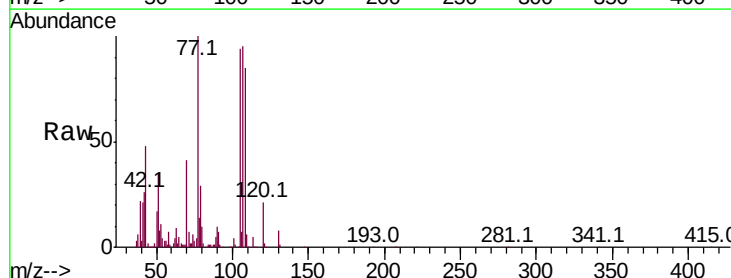
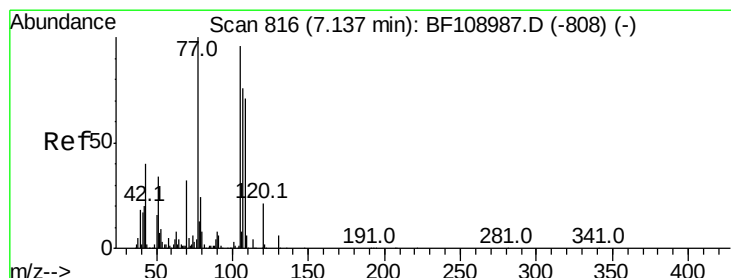
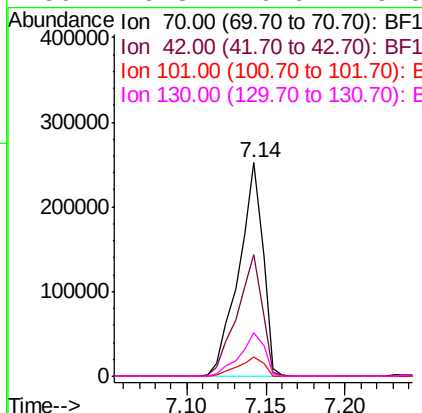
#19
n-Nitroso-di-n-propylamine
Concen: 42.025 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Manual Integrations
APPROVED

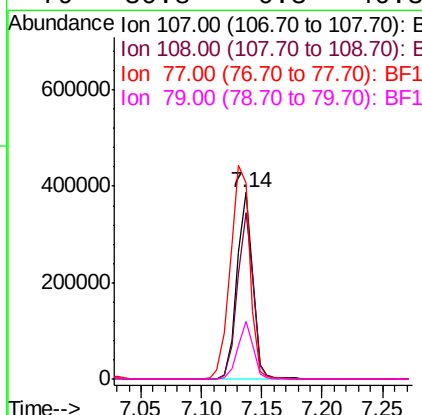
Sohil
9/19/2018 4:24:16 PM

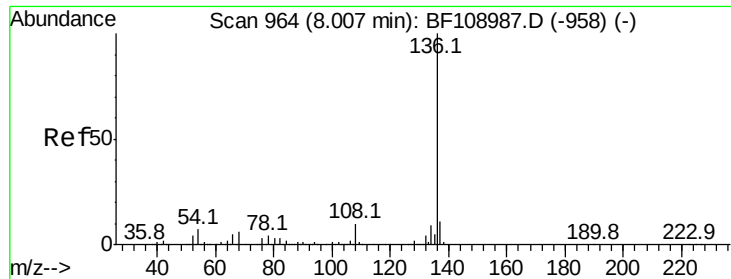
Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	56.8	47.5	71.3	
101	9.2	7.4	11.2	
130	20.3	16.6	25.0	



#20
3+4-Methylphenols
Concen: 43.746 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.4	68.2	108.2	
77	104.9	26.7	66.7#	
79	30.8	6.3	46.3	





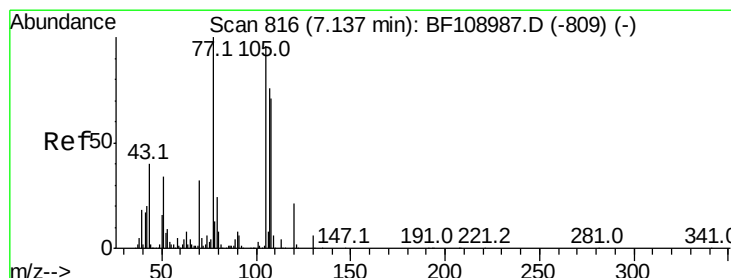
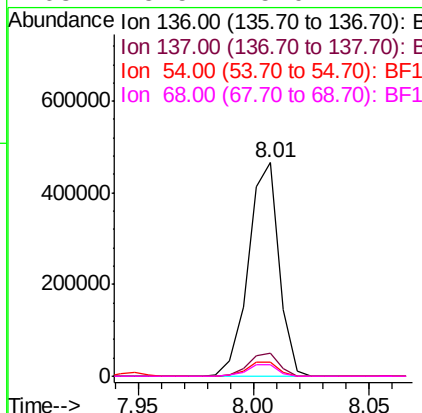
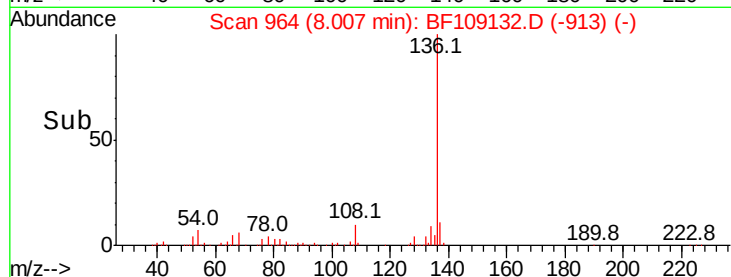
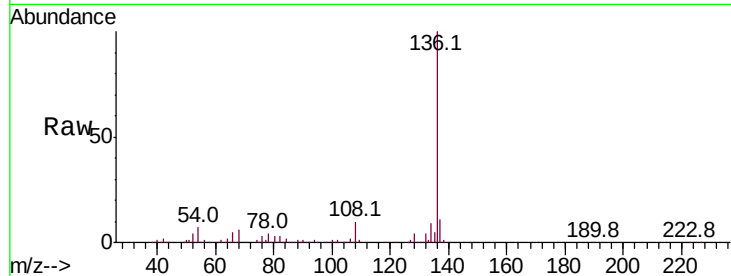
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.6	6.6	9.8	
68	5.5	5.0	7.4	

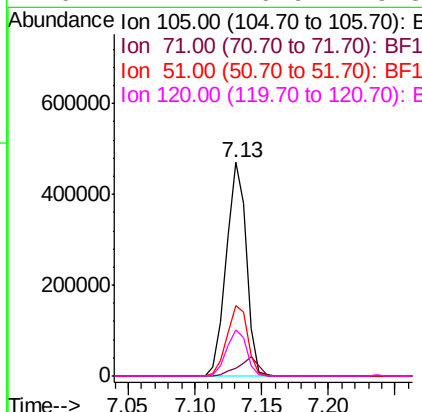
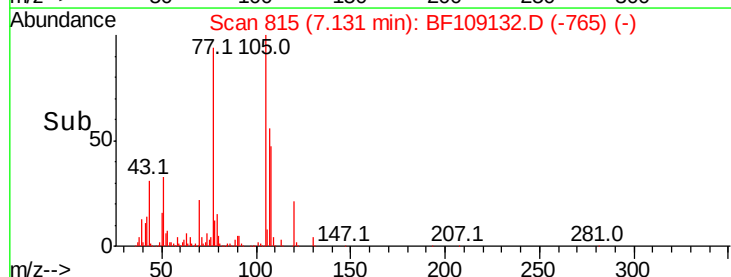
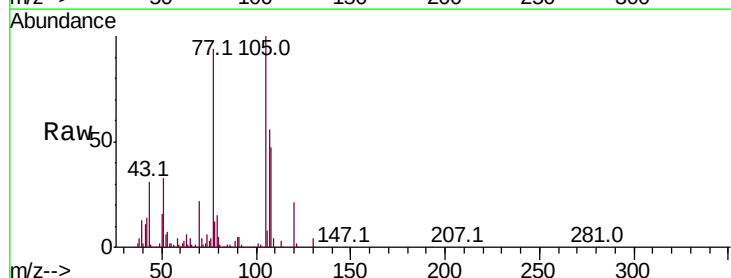
Manual Integrations
APPROVED

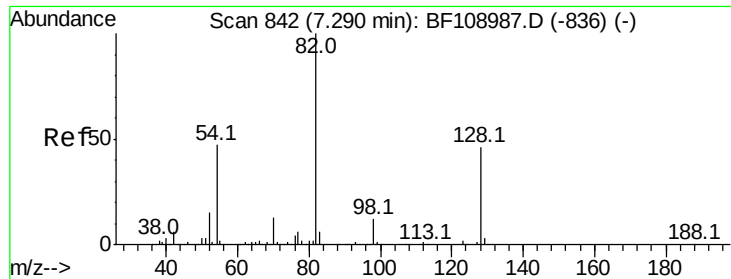
Sohil
9/19/2018 4:24:16 PM



#22
Acetophenone
Concen: 51.169 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	4.4	6.6	
51	33.3	22.3	33.5	
120	21.4	16.9	25.3	





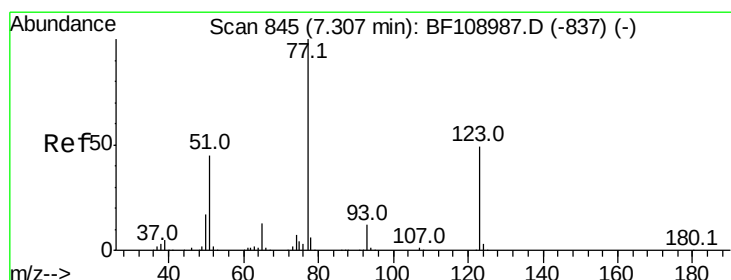
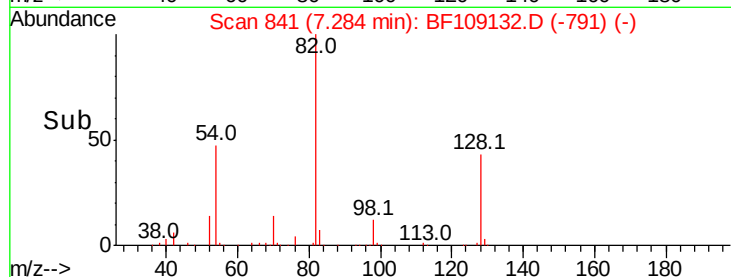
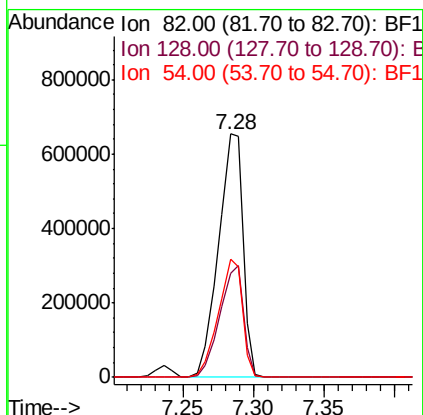
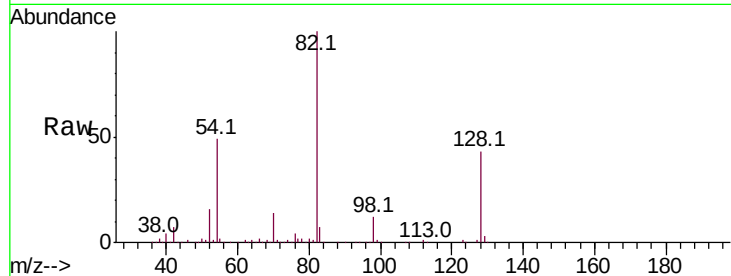
#23
Nitrobenzene-d5
Concen: 102.562 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	36.1	54.1	
54	48.5	41.4	62.2	

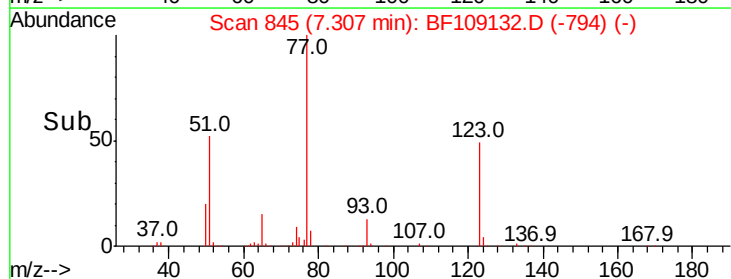
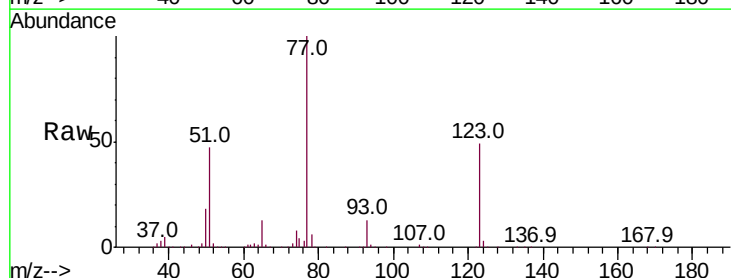
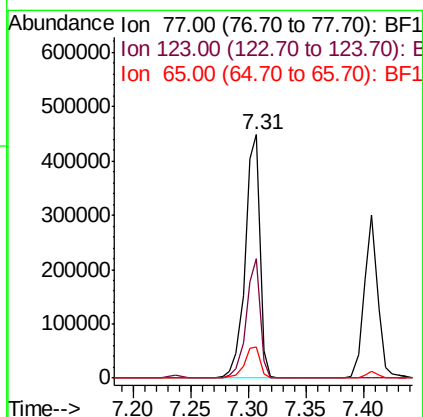
Manual Integrations
APPROVED

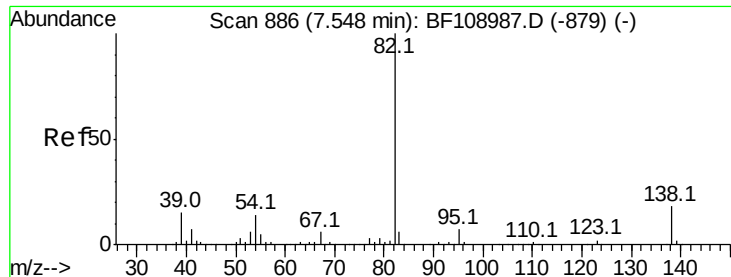
Sohil
9/19/2018 4:24:16 PM



#24
Nitrobenzene
Concen: 50.167 ng
RT: 7.31 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 53.431 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

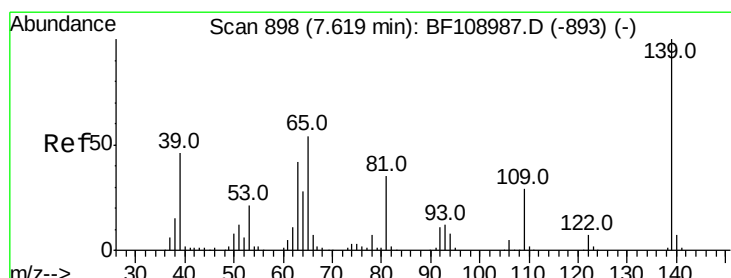
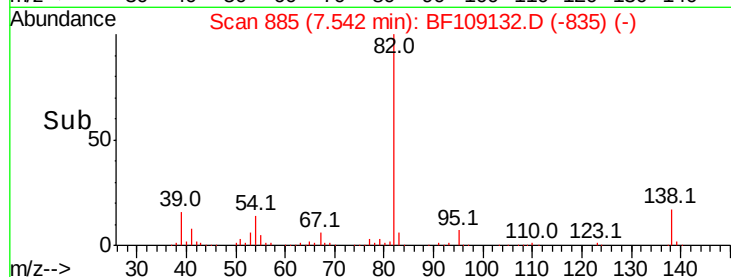
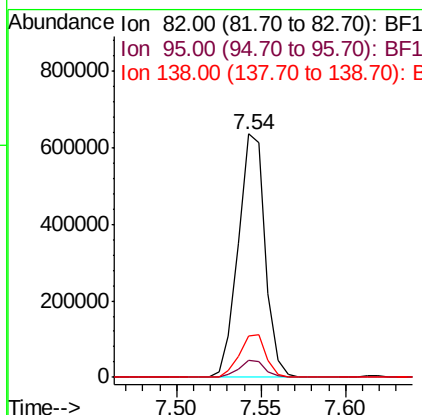
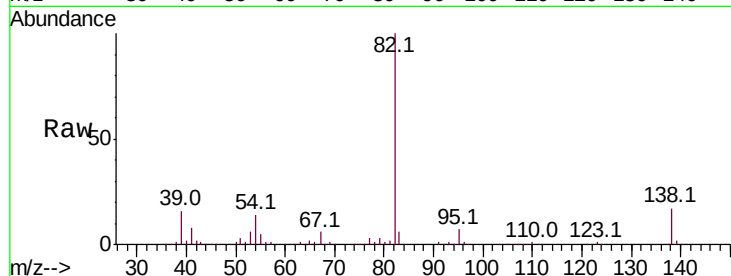
ClientSampleId :

PB112905BS

Tot Ion:	82	Resp:	707109
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#26

2-Nitrophenol

Concen: 38.994 ng

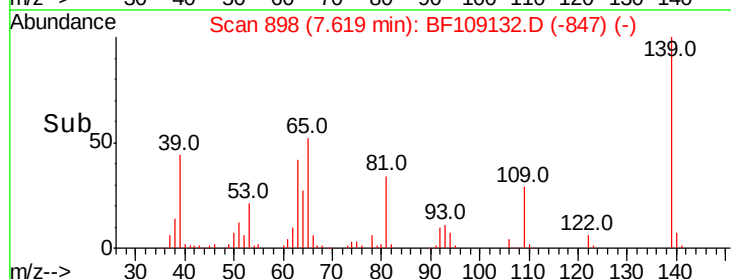
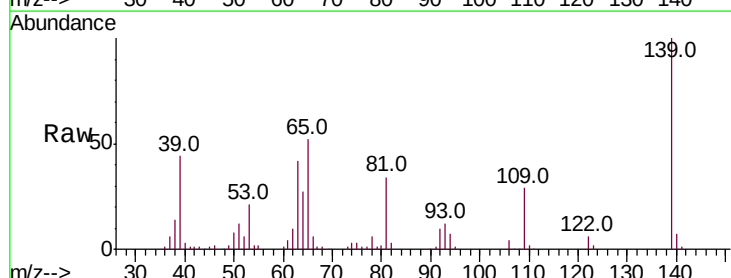
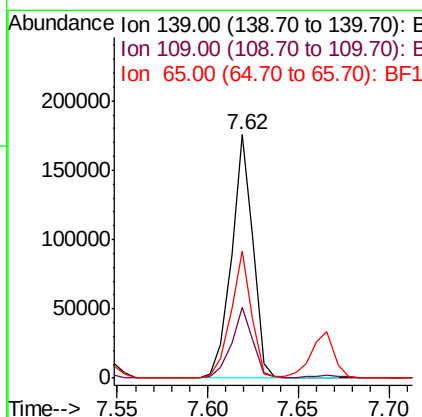
RT: 7.62 min Scan# 898

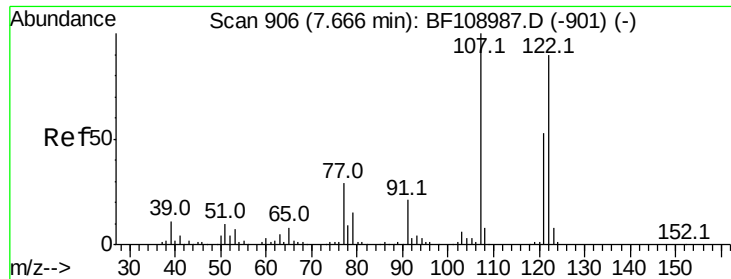
Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	139	Resp:	144528
Ion Ratio	Lower	Upper	
139	100		
109	29.1	22.7	34.1
65	52.0	40.5	60.7





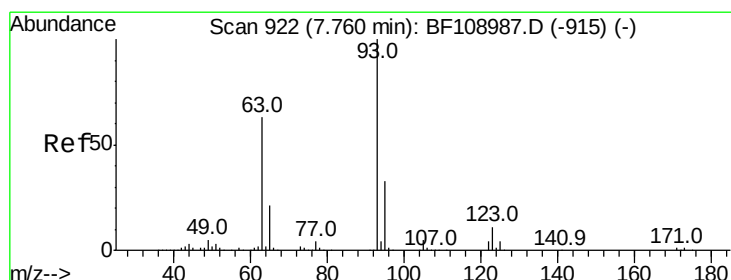
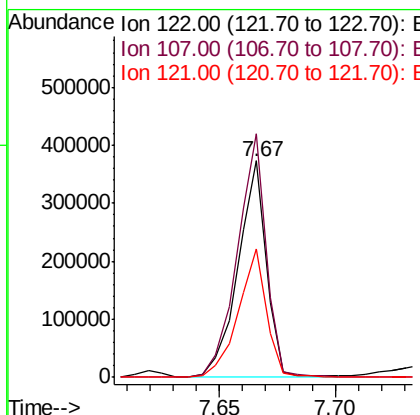
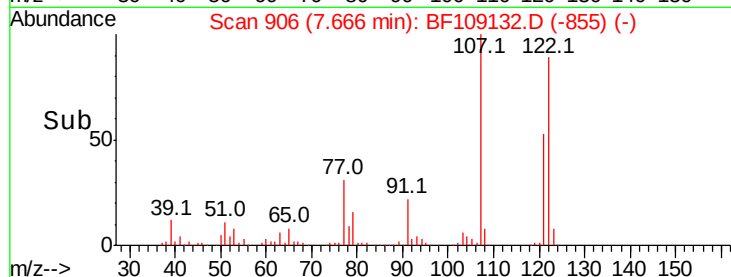
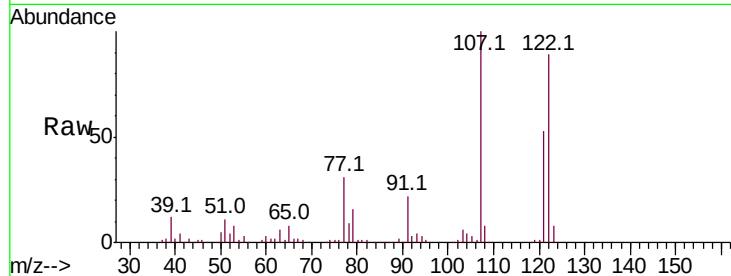
#27
2,4-Dimethylphenol
Concen: 55.716 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	323933		
107	112.4	91.2	136.8	
121	59.0	47.2	70.8	

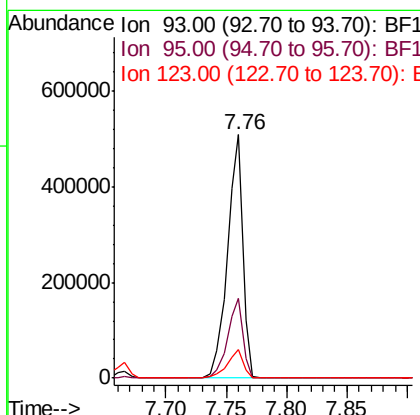
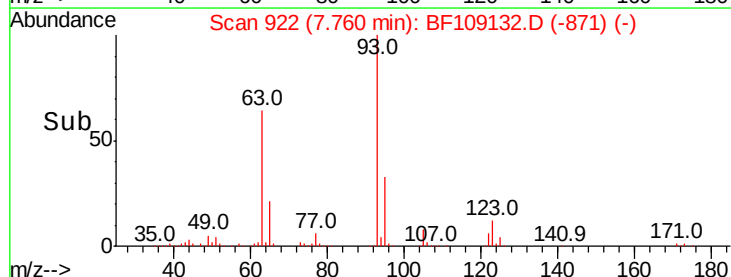
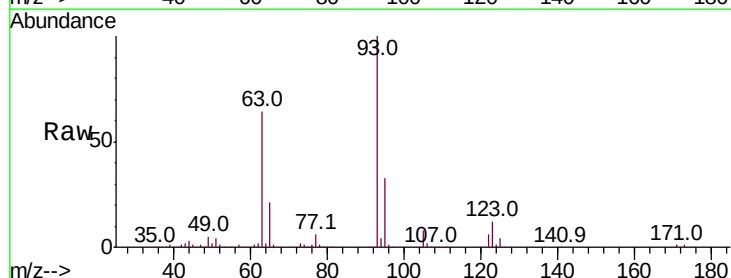
Manual Integrations
APPROVED

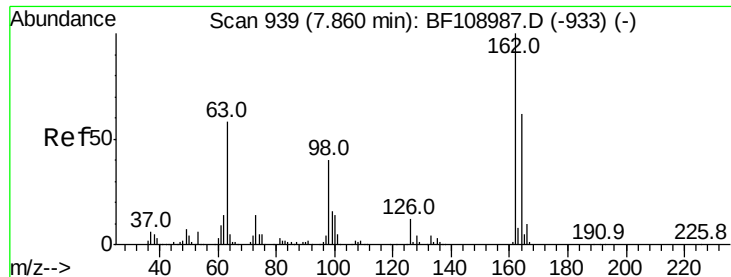
Sohil
9/19/2018 4:24:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.508 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	449813		
95	32.8	26.3	39.5	
123	11.9	9.8	14.6	





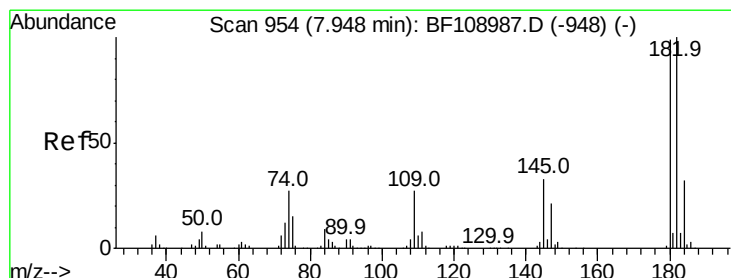
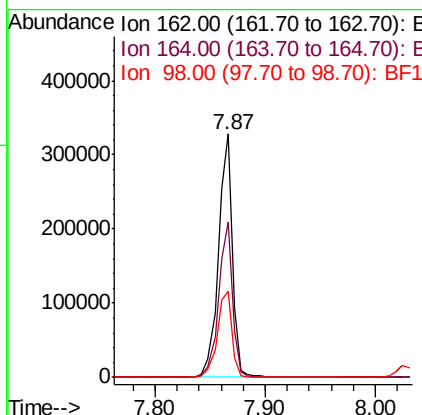
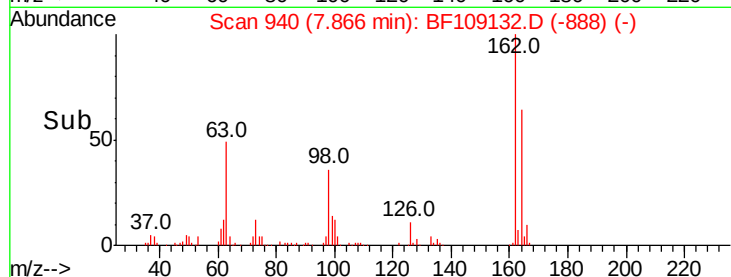
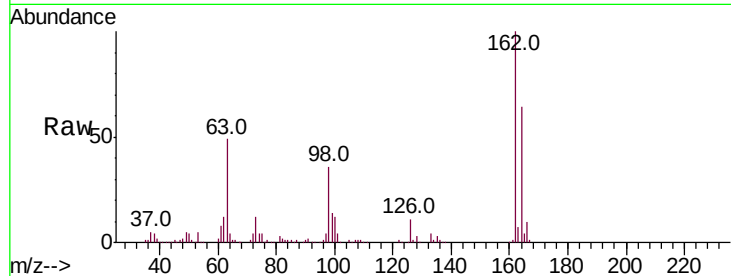
#29
2,4-Dichlorophenol
Concen: 46.460 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion:	162	Resp:	287849
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	35.6	18.1	58.1

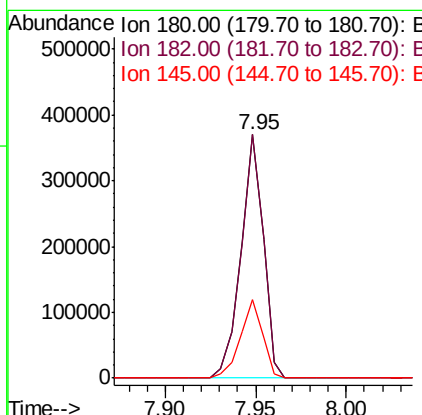
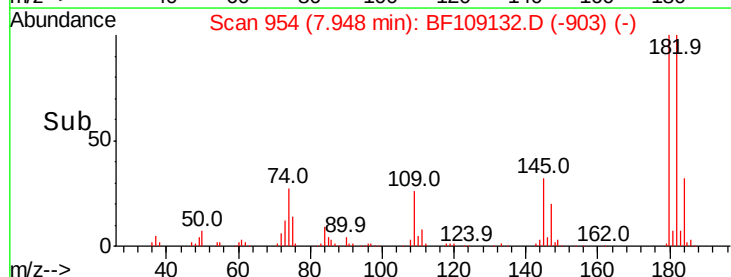
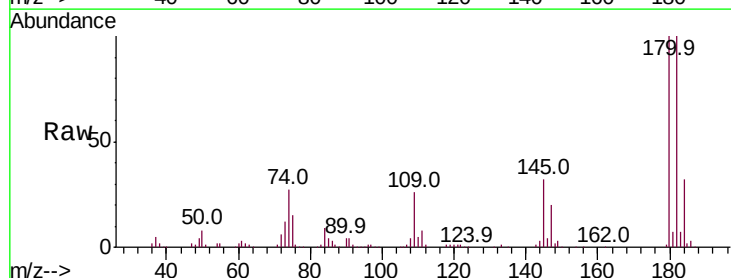
Manual Integrations
APPROVED

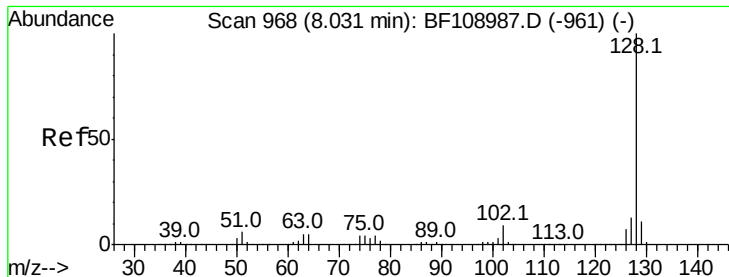
Sohil
9/19/2018 4:24:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.408 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:	180	Resp:	317499
Ion Ratio	Lower	Upper	
180	100		
182	100.2	76.8	115.2
145	32.1	26.5	39.7





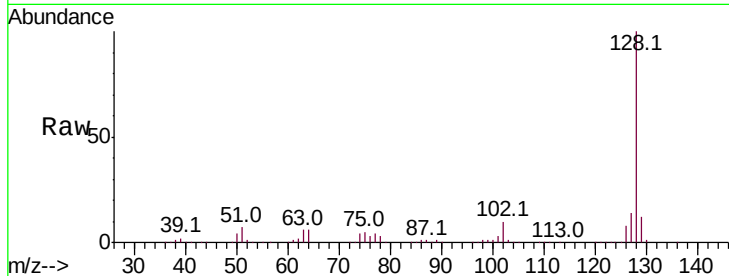
#31
Naphthalene
Concen: 51.121 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM

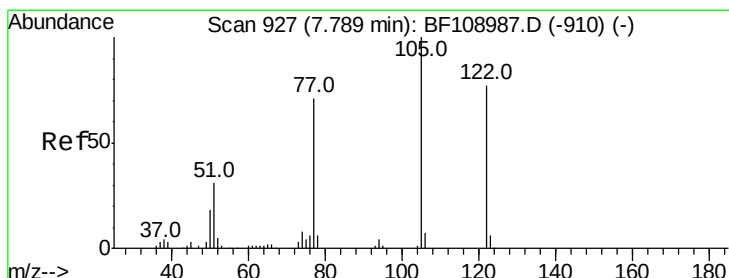
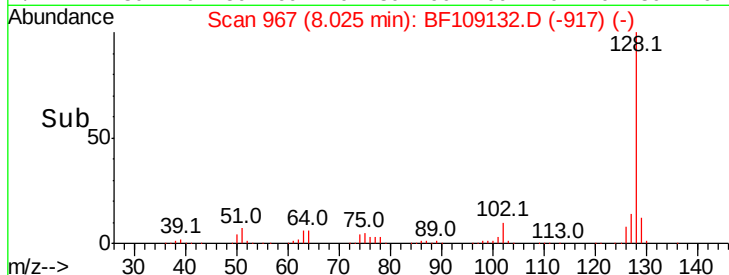
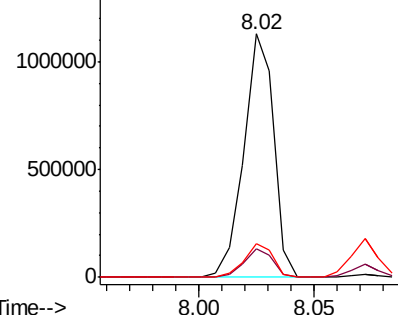


Abundance

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: 27.580 ng m
RT: 7.76 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

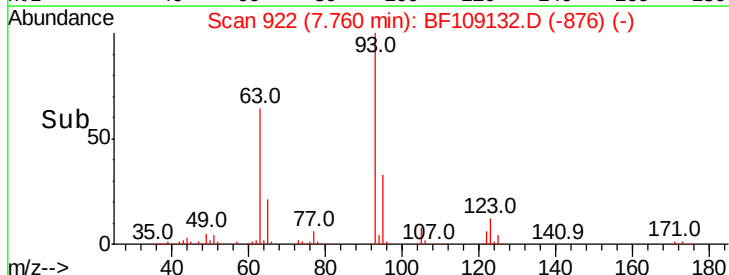
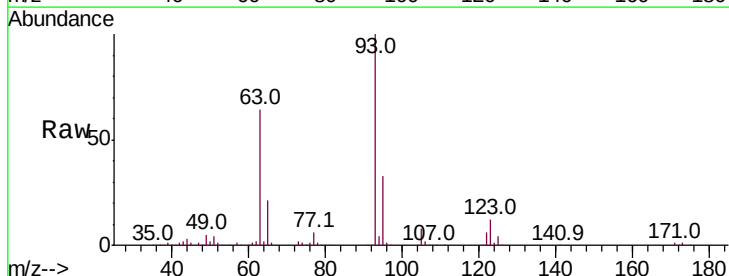
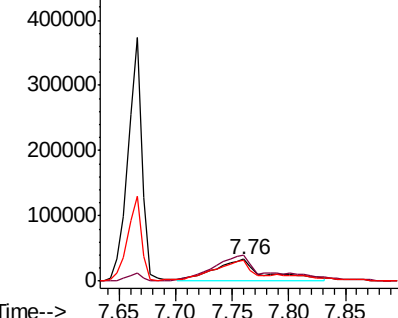
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	101.1	141.1
77	98.4	70.7	110.7

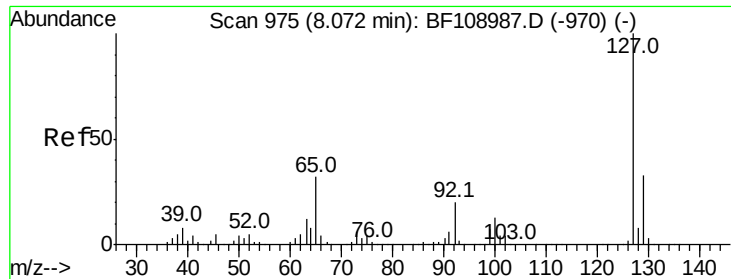
Abundance

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





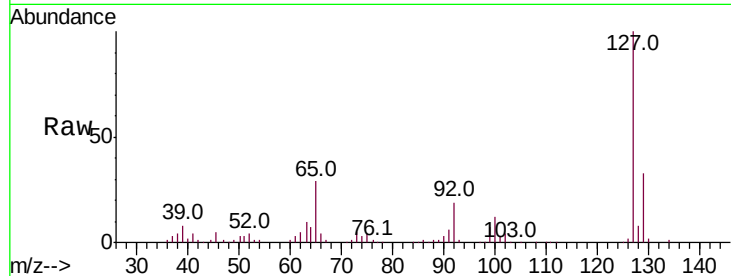
#33
4-Chloroaniline
Concen: 17.835 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		158930		
129	32.6	25.9	38.9		
65	28.7	25.0	37.4		
92	18.6	15.2	22.8		

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



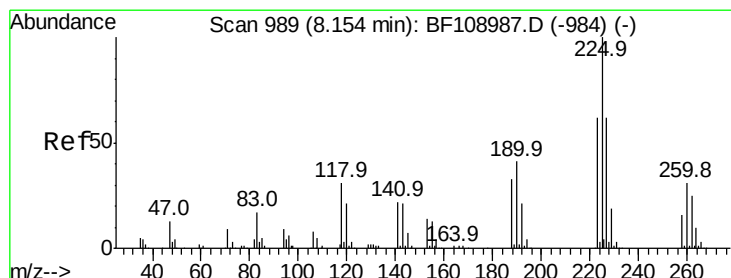
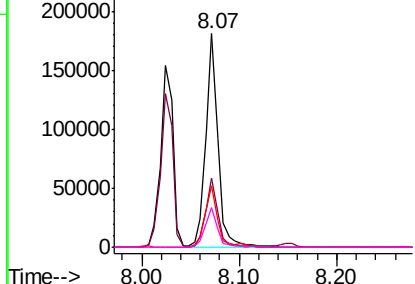
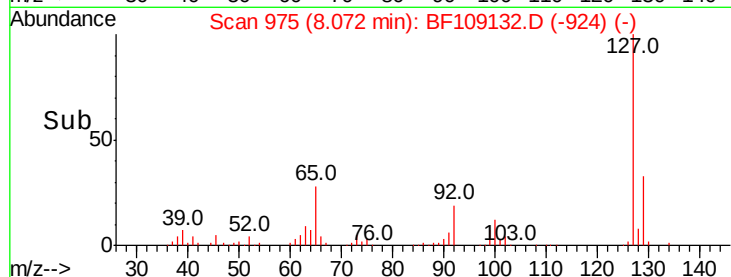
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

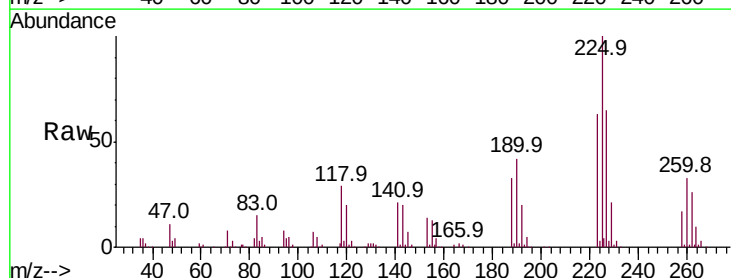
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.954 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		191977		
223	62.6	50.6	76.0		
227	64.7	51.9	77.9		

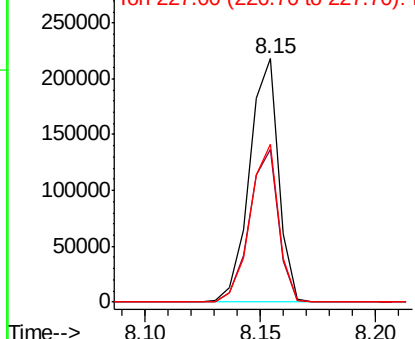
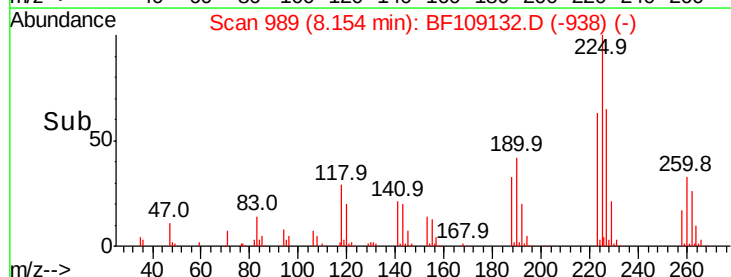


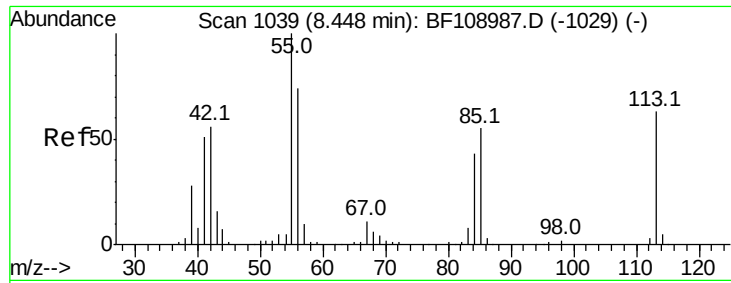
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





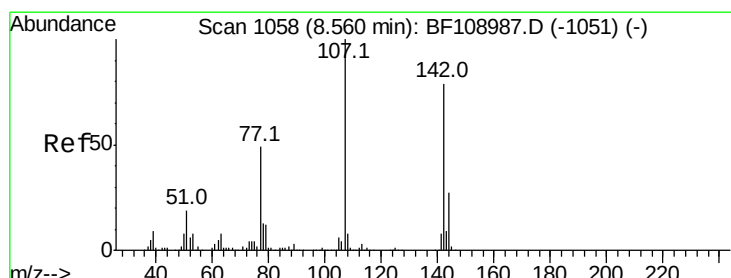
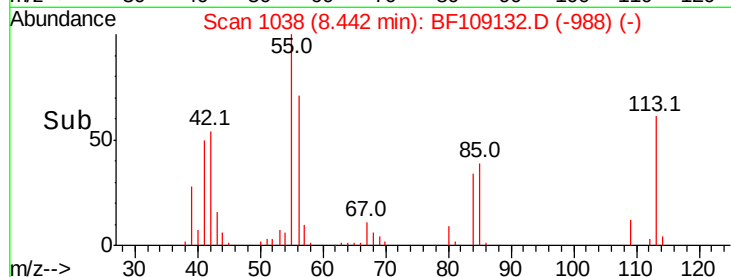
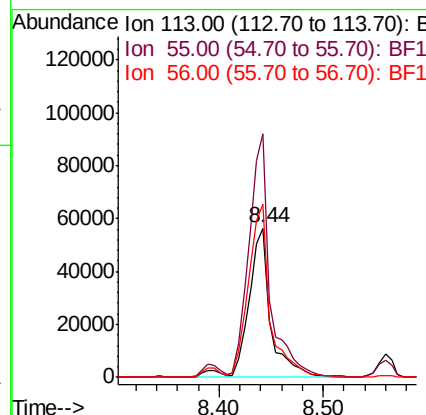
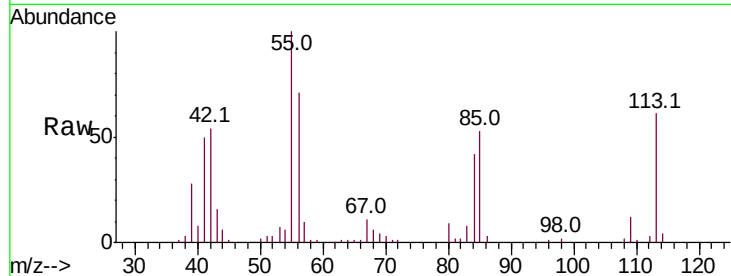
#35
 Caprolactam
 Concen: 41.222 ng/ml
 RT: 8.44 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.8	163.3	203.3#
56	116.0	115.7	155.7

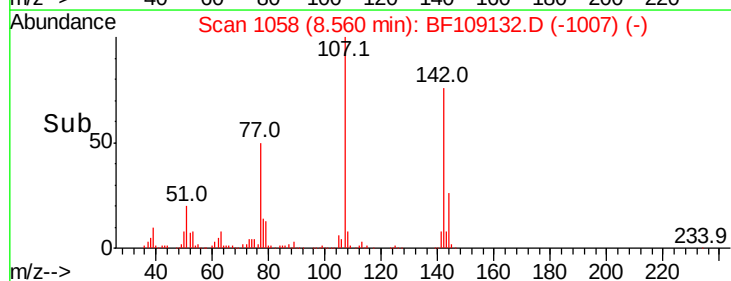
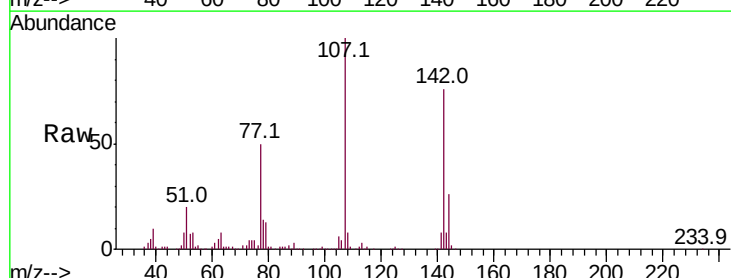
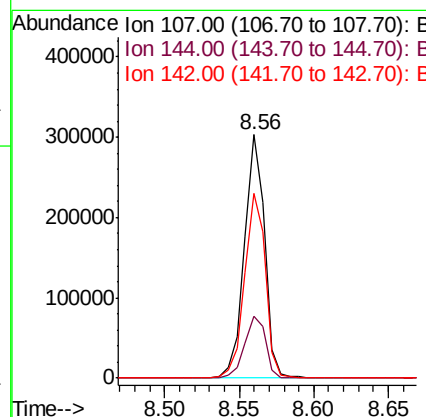
Manual Integrations
 APPROVED

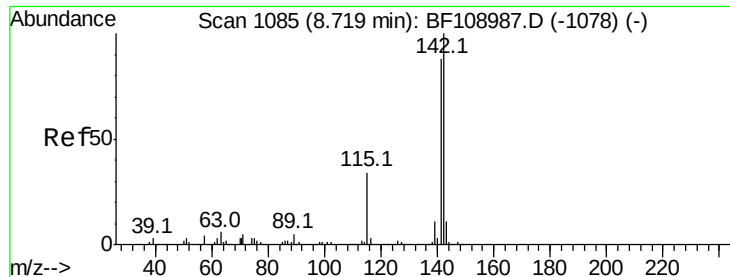
Sohil
 9/19/2018 4:24:16 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.022 ng/ml
 RT: 8.56 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	75.8	62.0	93.0





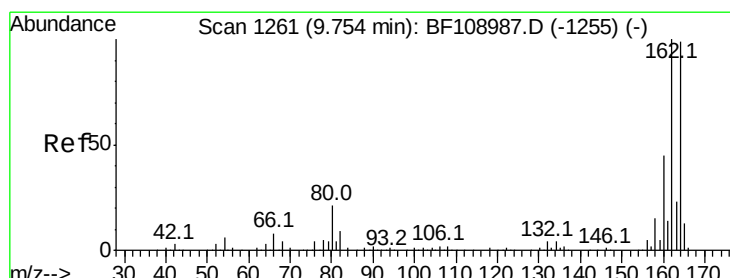
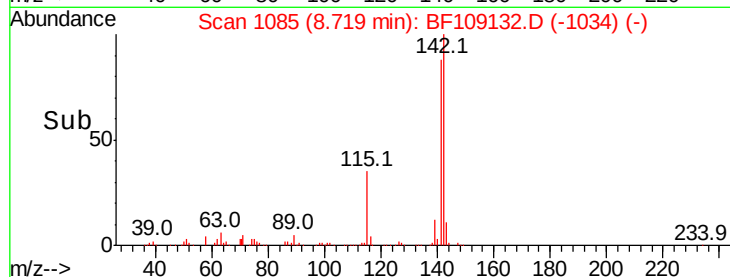
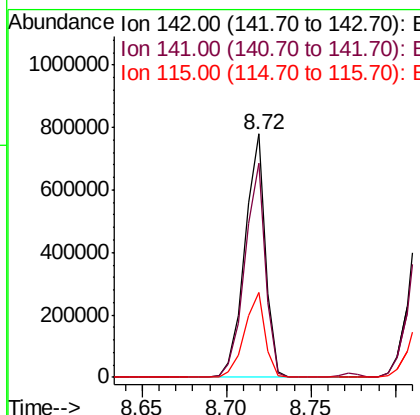
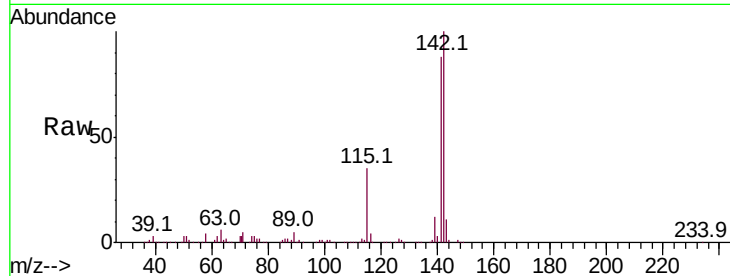
#37
2-Methylnaphthalene
Concen: 50.969 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	34.8	26.1	39.1

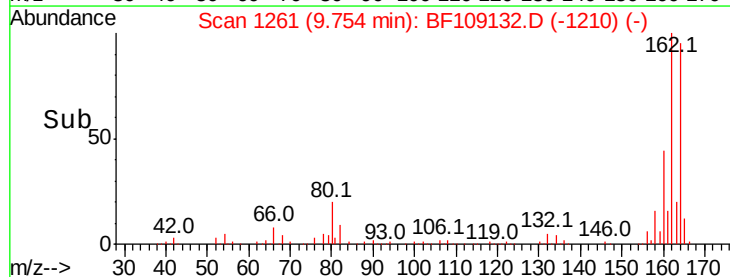
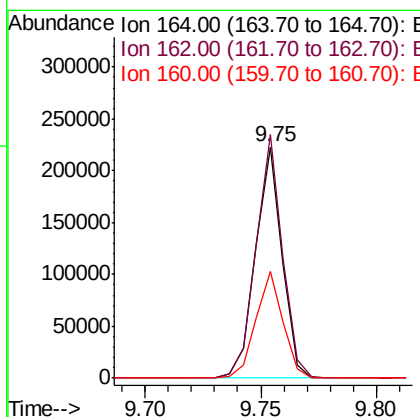
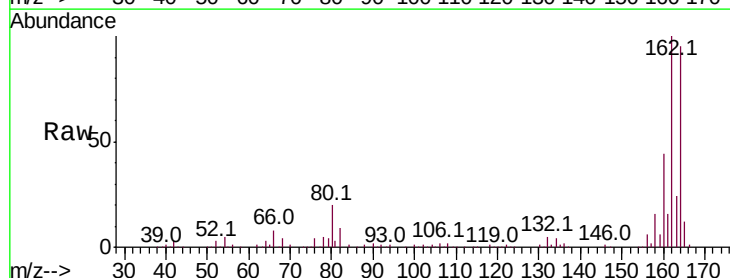
Manual Integrations
APPROVED

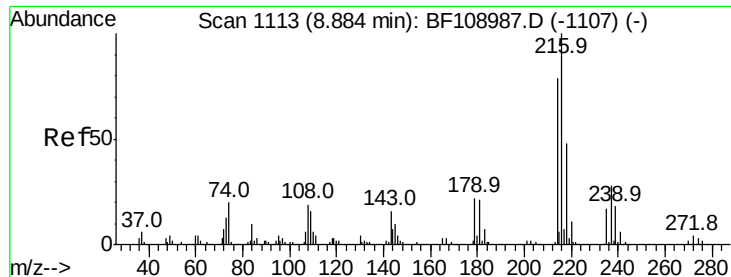
Sohil
9/19/2018 4:24:16 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.3	38.3	57.5





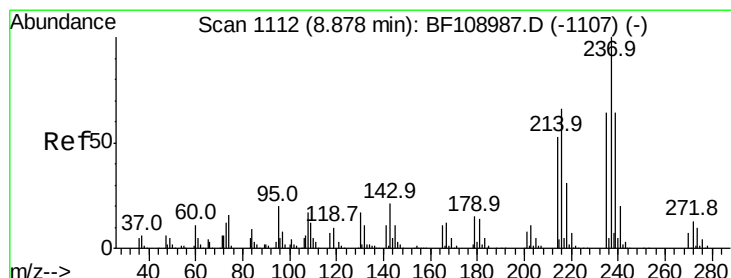
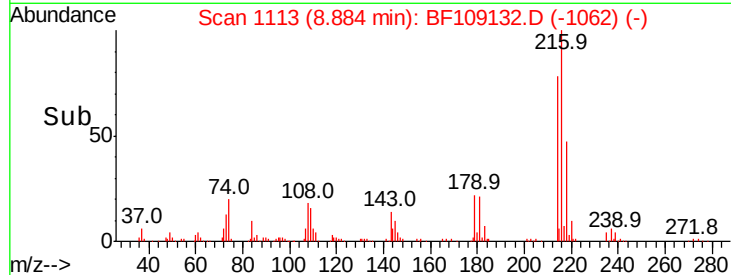
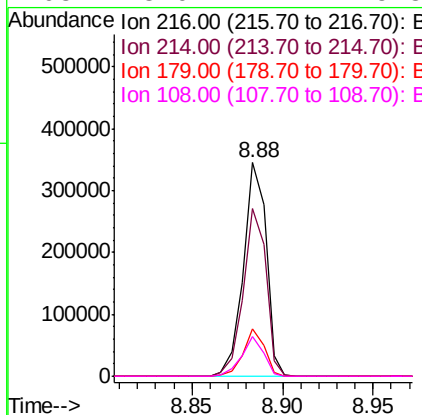
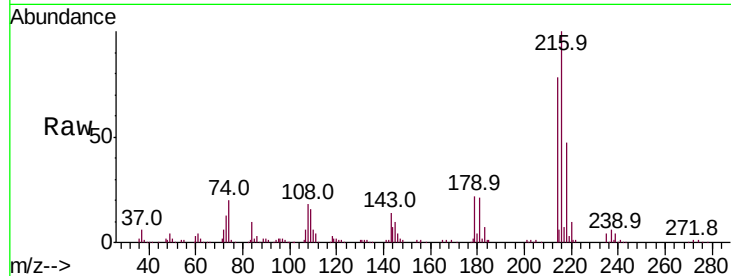
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.612 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	301897		
214	78.4	63.0	94.4	
179	20.5	18.1	27.1	
108	18.0	17.2	25.8	

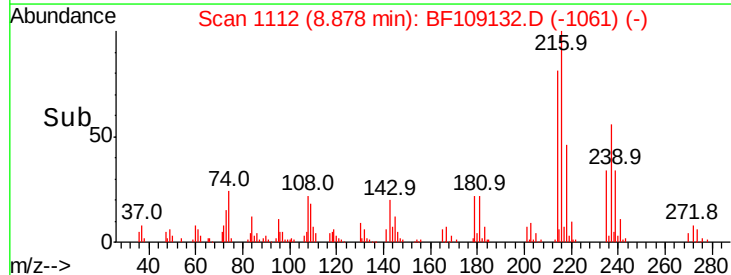
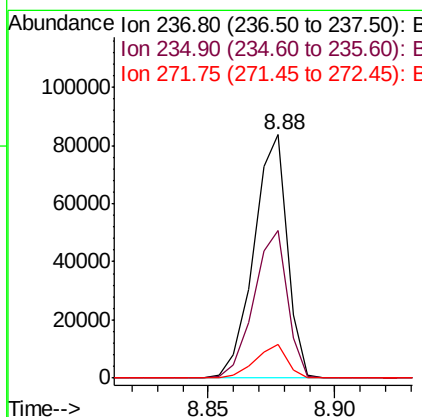
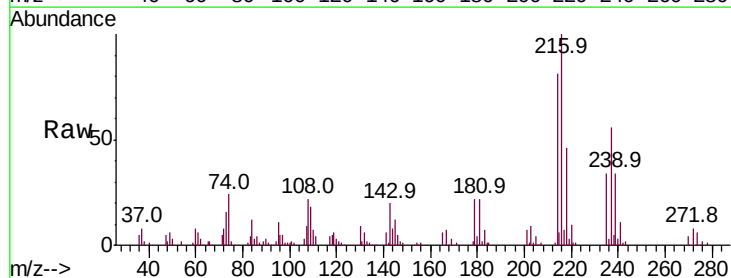
Manual Integrations
 APPROVED

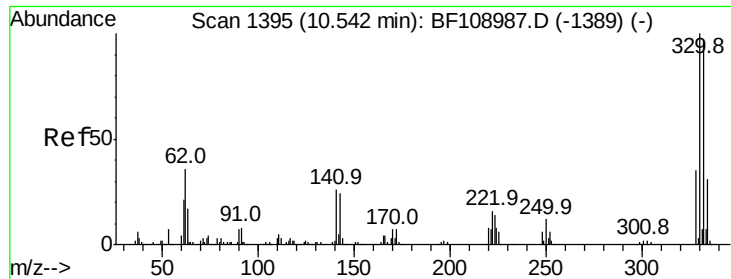
Sohil
 9/19/2018 4:24:16 PM



#40
 Hexachlorocyclopentadiene
 Concen: 27.166 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	77075		
235	60.7	44.8	84.8	
272	13.8	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 93.017 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

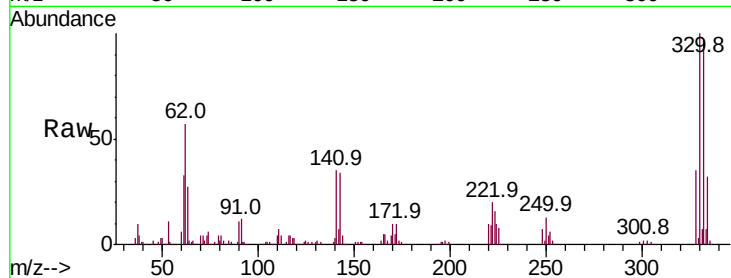
ClientSampled :

PB112905BS

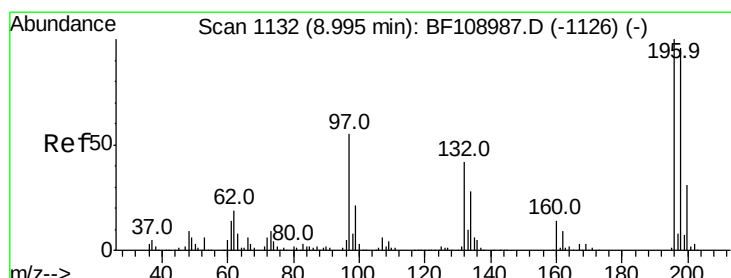
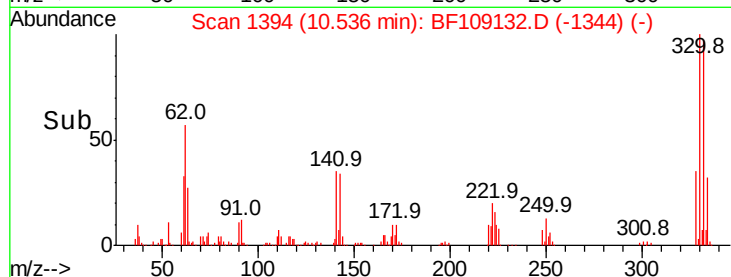
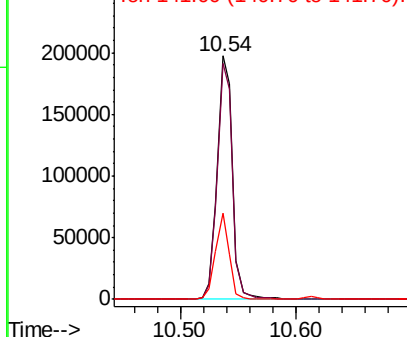
Tot Ion:	330	Resp:	180611
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	32.0	29.9	44.9

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



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



#42

2,4,6-Trichlorophenol

Concen: 49.502 ng

RT: 9.00 min Scan# 1132

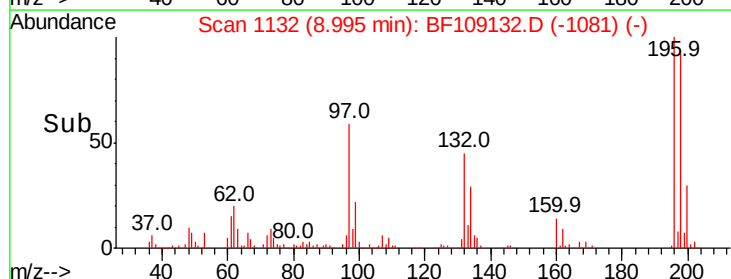
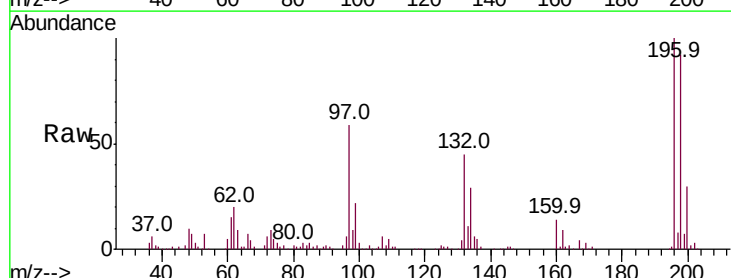
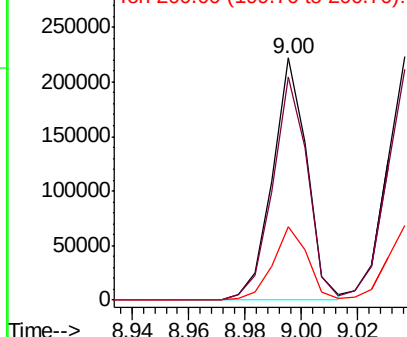
Delta R.T. 0.00 min

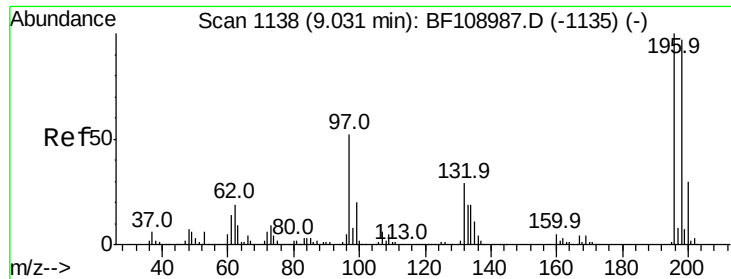
Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	196	Resp:	187362
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.7	113.5
200	30.3	24.5	36.7

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





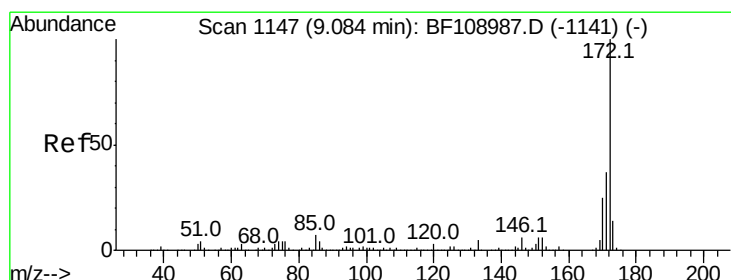
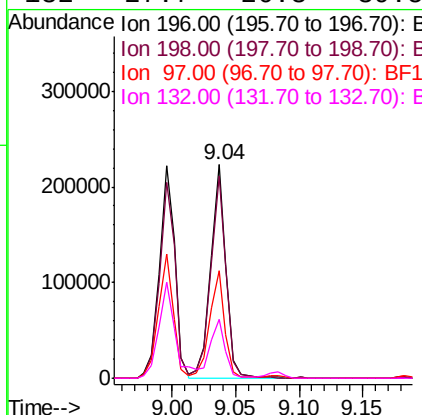
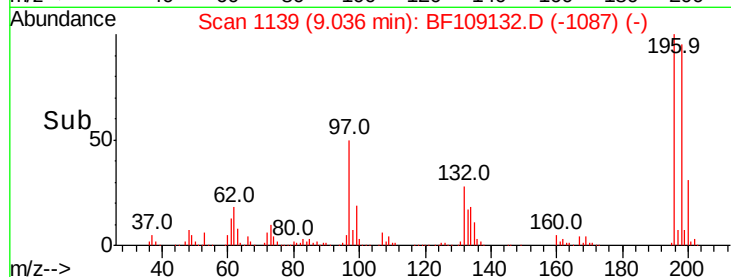
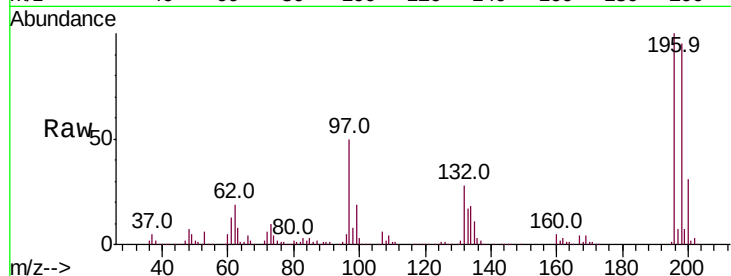
#43
 2,4,5-Trichlorophenol
 Concen: 48.641 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192391		
198	94.8	74.6	112.0	
97	50.1	42.9	64.3	
132	27.7	26.3	39.5	

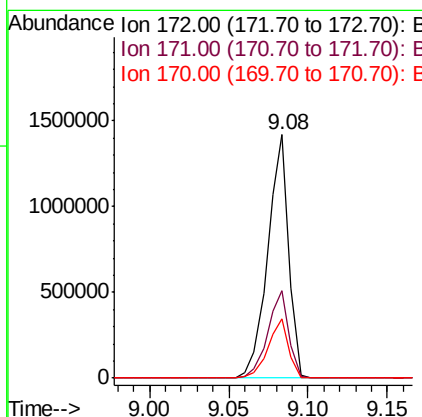
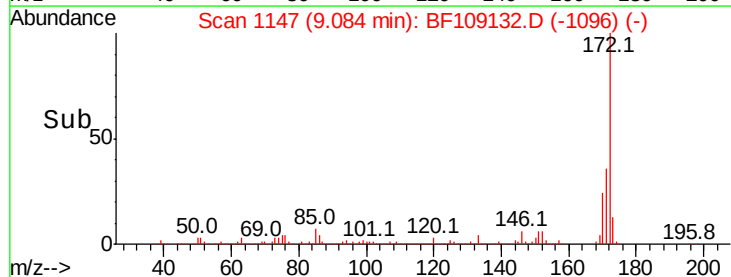
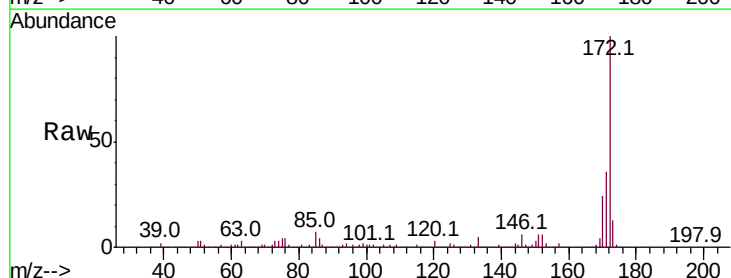
Manual Integrations
 APPROVED

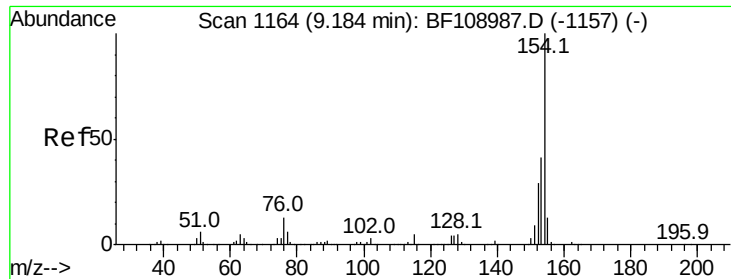
Sohil
 9/19/2018 4:24:16 PM



#44
 2-Fluorobiphenyl
 Concen: 115.191 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1315435		
171	36.1	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 53.588 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

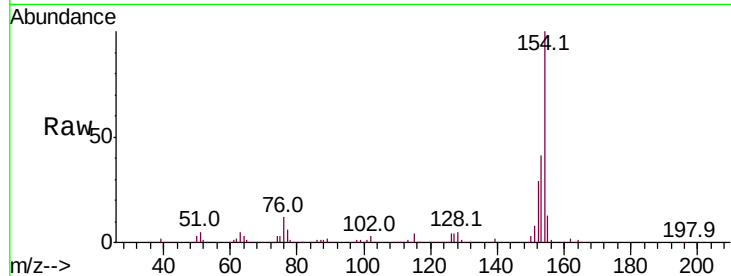
ClientSampleId :

PB112905BS

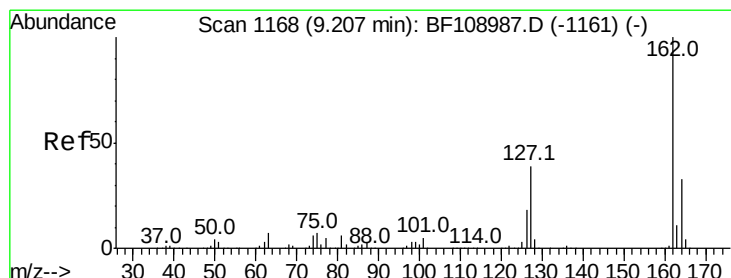
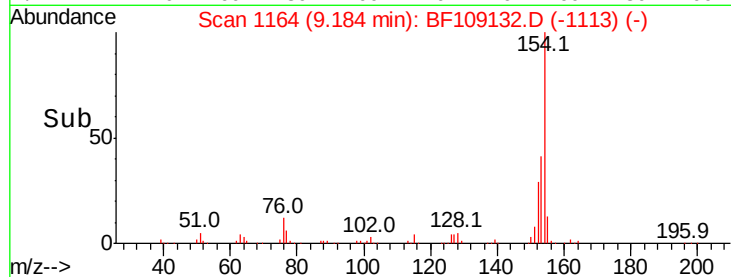
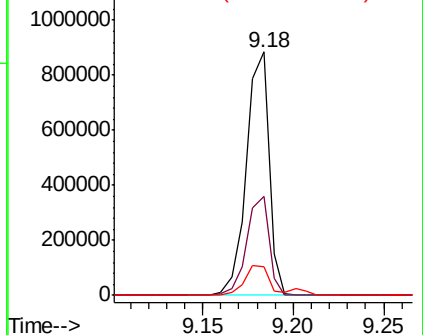
Tot Ion:	154	Resp:	767048
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	11.7	0.0	34.0

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 50.861 ng

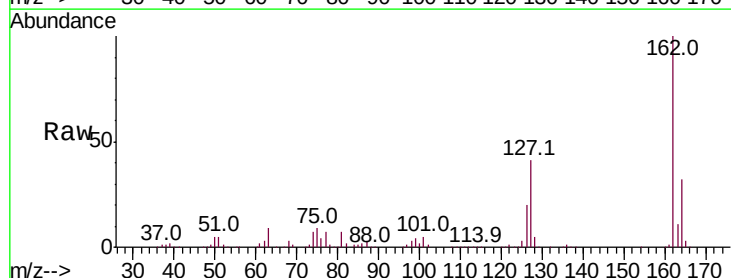
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

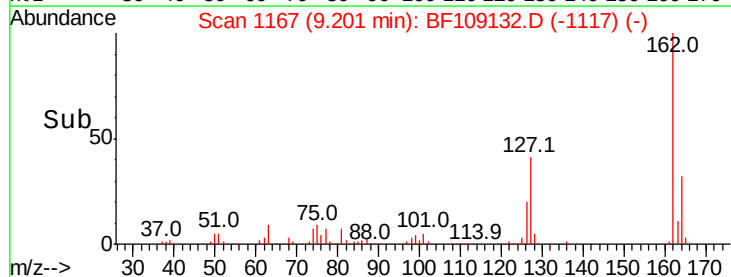
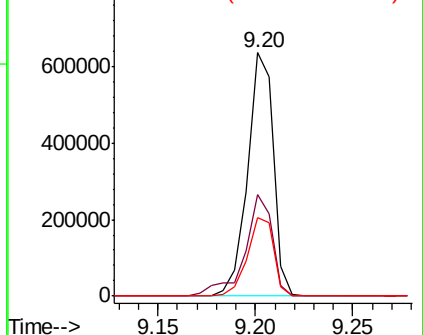
Lab File: BF109132.D

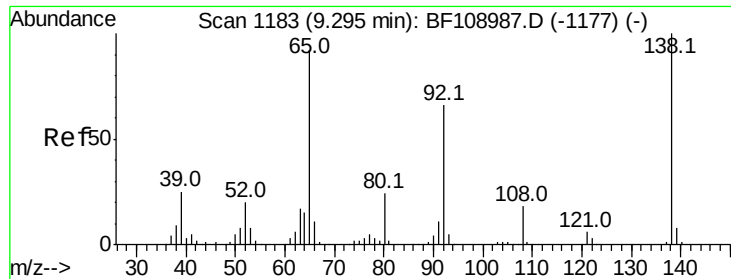
Acq: 19 Sep 2018 8:17

Tgt Ion:	162	Resp:	583033
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.9	50.9
164	32.4	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





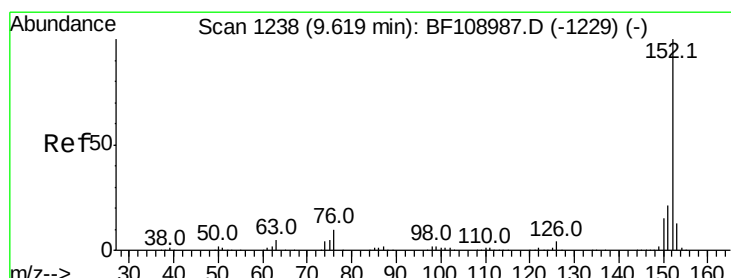
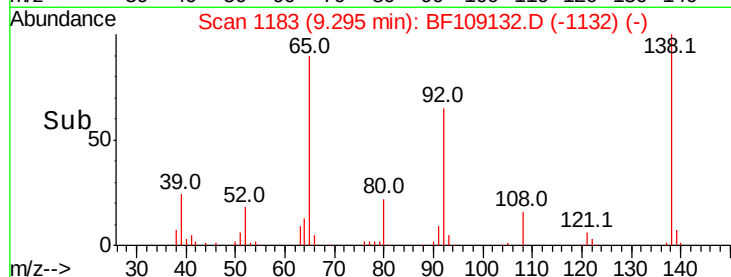
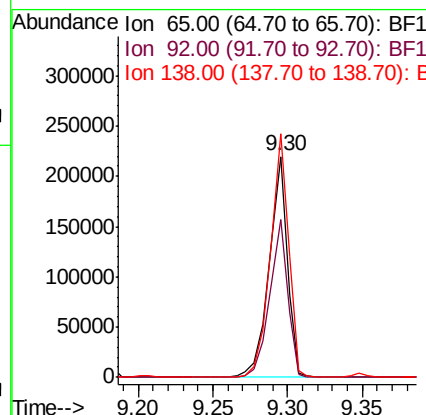
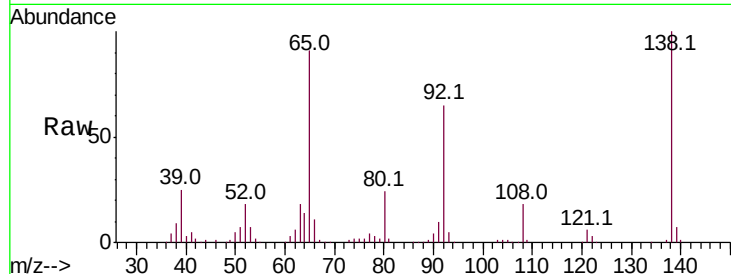
#47
2-Nitroaniline
Concen: 52.300 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.8	83.6
138	110.2	91.2	136.8

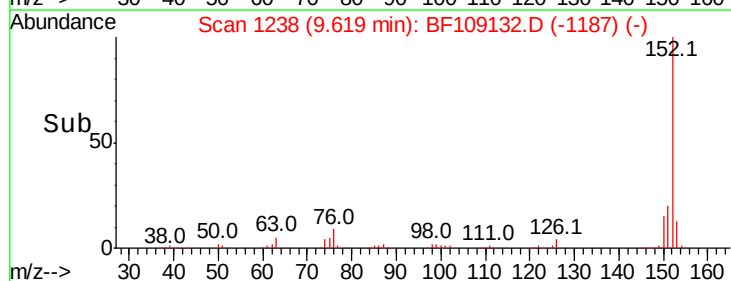
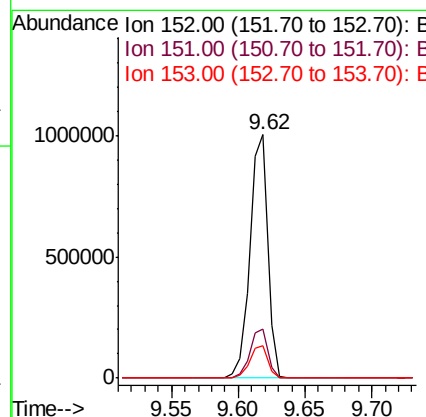
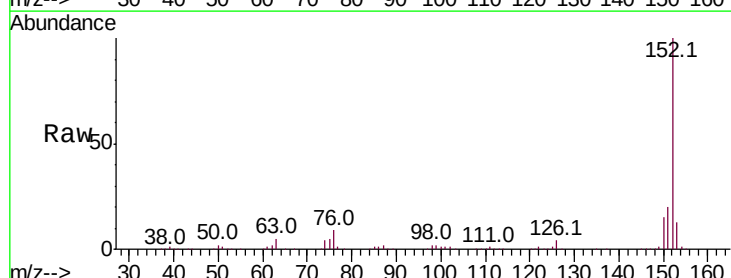
Manual Integrations
APPROVED

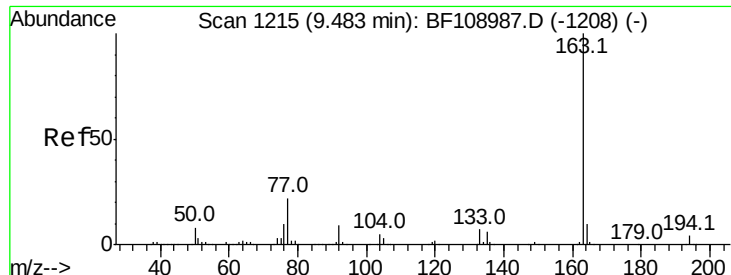
Sohil
9/19/2018 4:24:16 PM



#48
Acenaphthylene
Concen: 53.174 ng
RT: 9.62 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.7	16.1





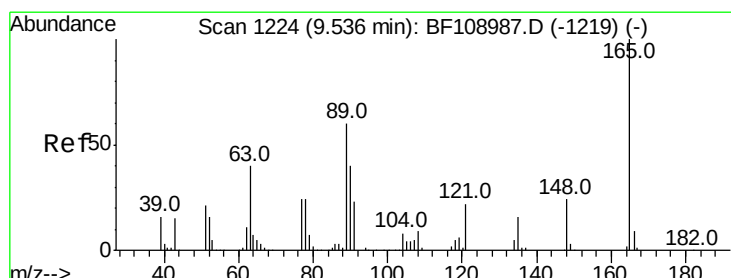
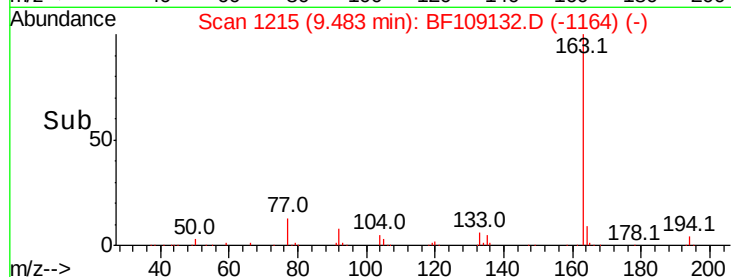
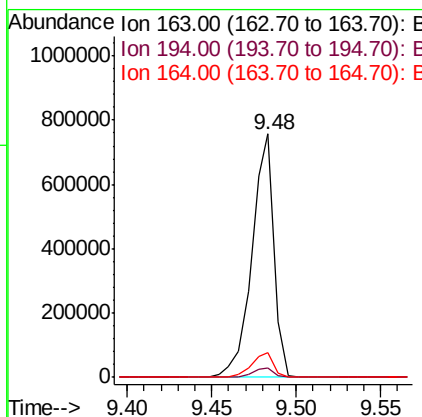
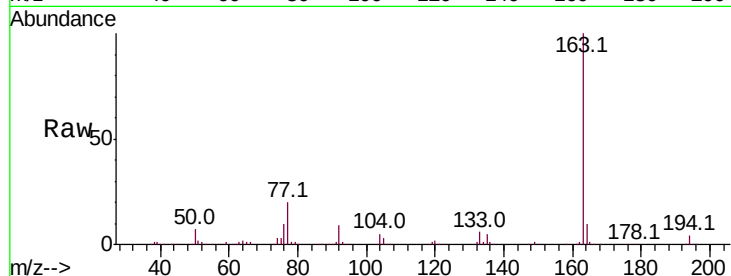
#49
Dimethylphthalate
Concen: 54.048 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	691143		
194	4.0	2.7	4.1	
164	9.9	8.2	12.2	

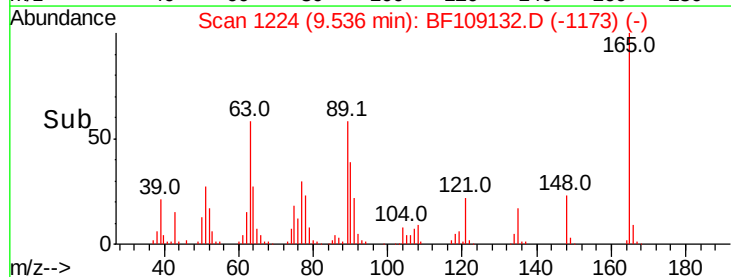
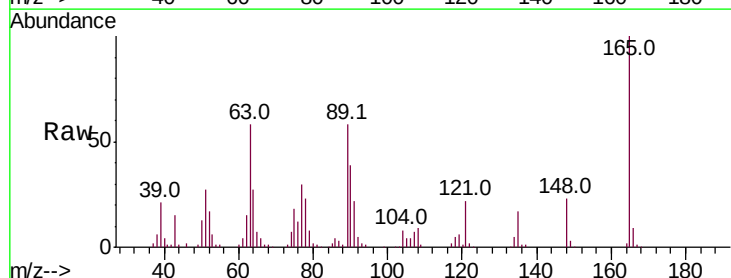
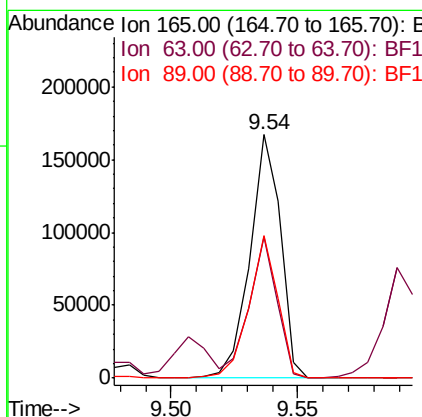
Manual Integrations
APPROVED

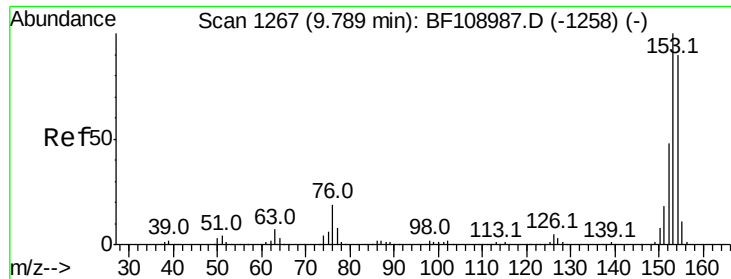
Sohil
9/19/2018 4:24:16 PM



#50
2,6-Dinitrotoluene
Concen: 49.665 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140844		
63	57.9	44.7	67.1	
89	58.4	44.0	66.0	





#51

Acenaphthene

Concen: 48.386 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

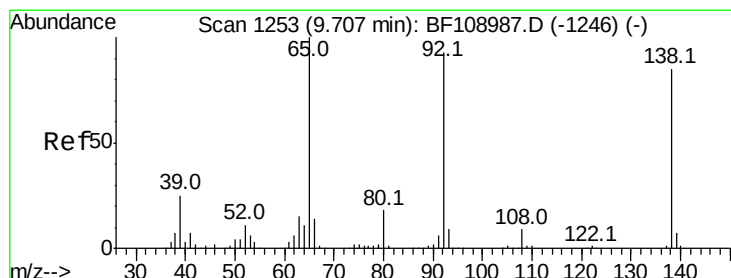
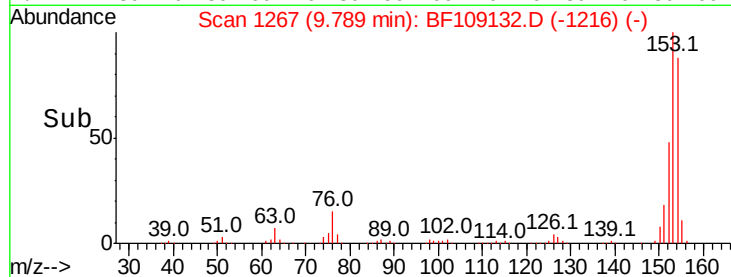
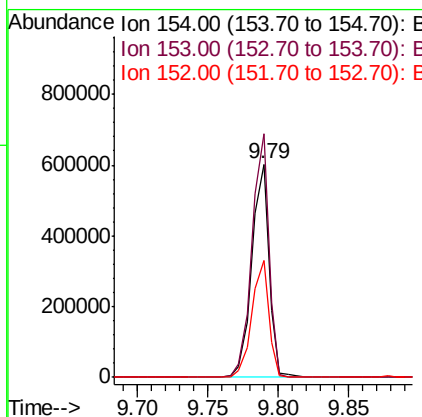
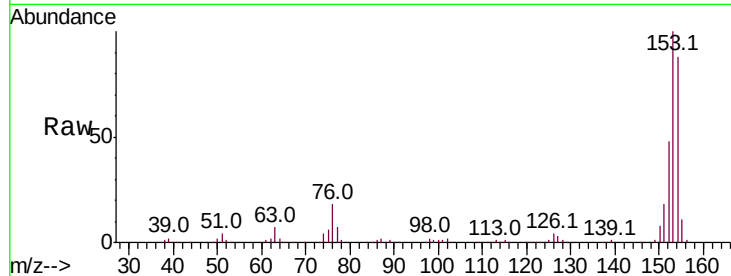
ClientSampleId :

PB112905BS

Tot Ion:	154	Resp:	520743
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.2	136.8
152	54.9	43.8	65.8

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#52

3-Nitroaniline

Concen: 40.980 ng

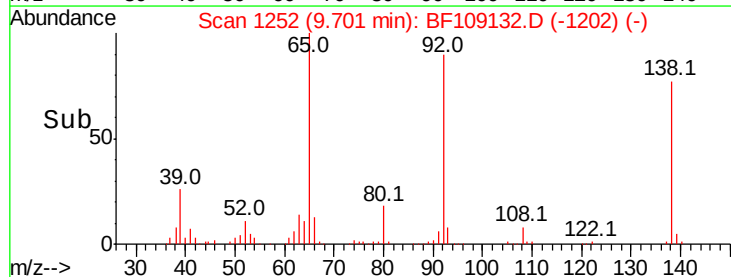
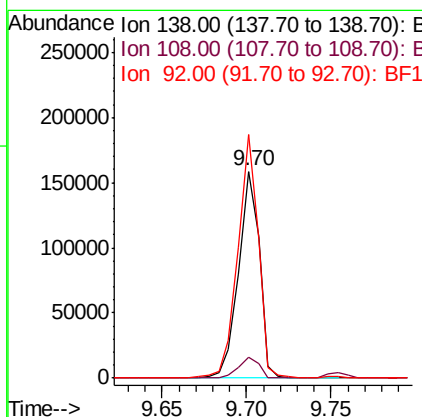
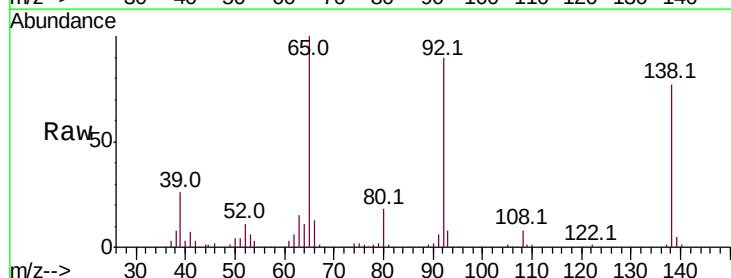
RT: 9.70 min Scan# 1252

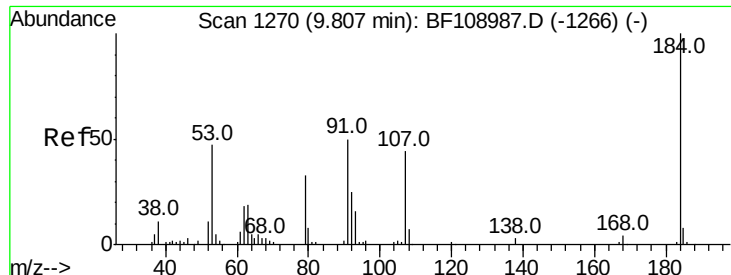
Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	138	Resp:	136845
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	117.9	89.4	134.2





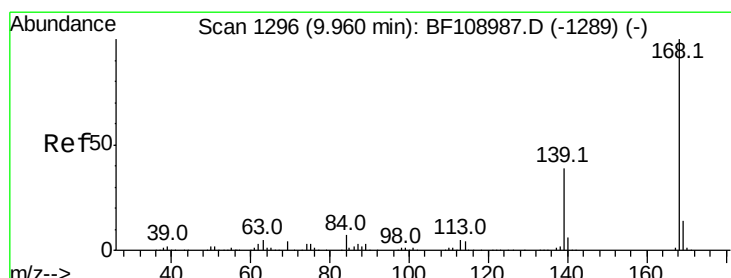
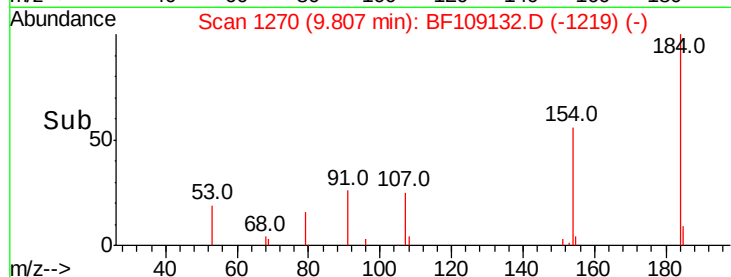
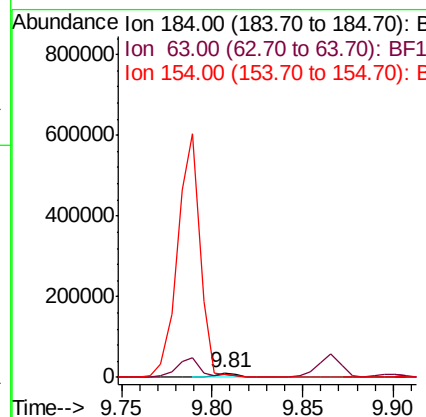
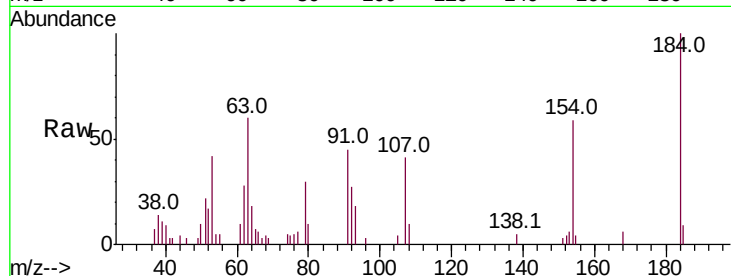
#53
 2,4-Dinitrophenol
 Concen: 8.840 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.9	54.2	81.2
154	59.3	184.0	276.0#

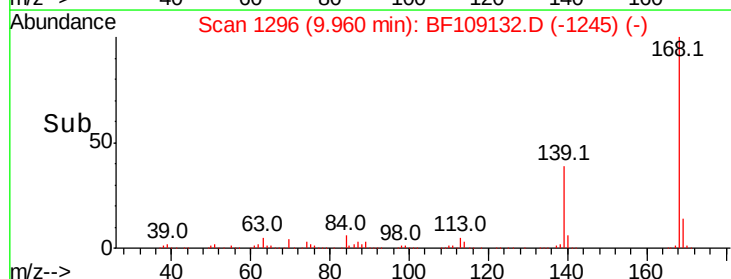
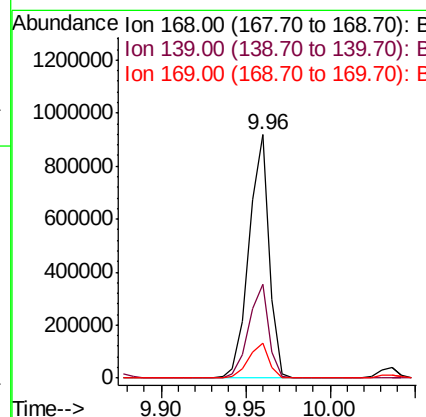
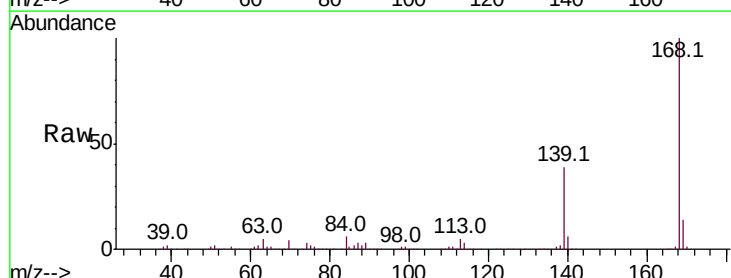
Manual Integrations
 APPROVED

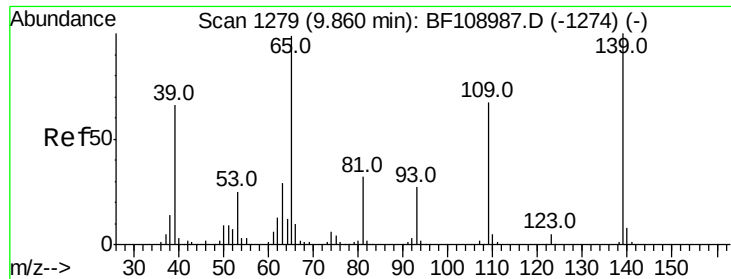
Sohil
 9/19/2018 4:24:16 PM



#54
 Dibenzofuran
 Concen: 49.116 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.4	10.9	16.3





#55

4-Nitrophenol

Concen: 78.222 ng

RT: 9.87 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

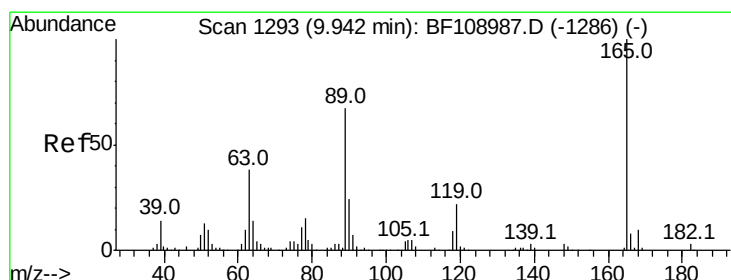
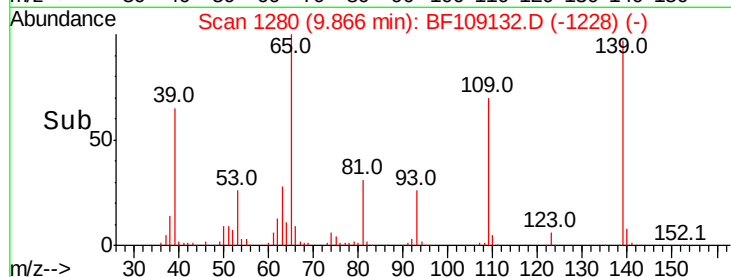
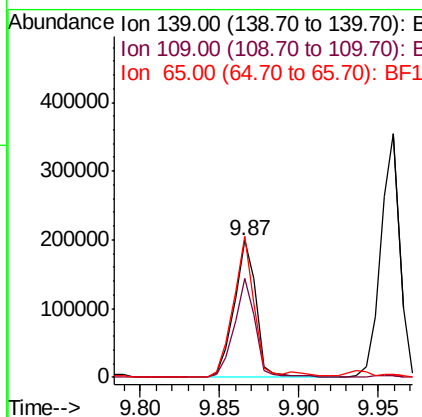
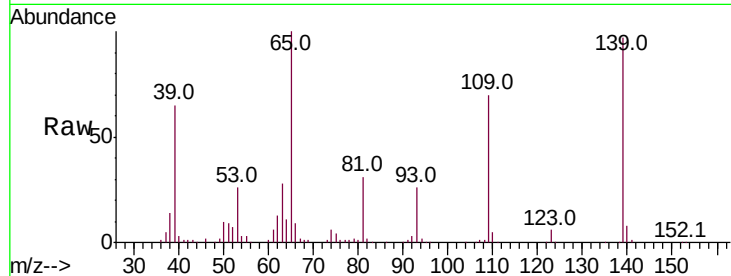
ClientSampled :

PB112905BS

Tot Ion:	139	Resp:	192449
Ion Ratio	Lower	Upper	
139	100		
109	72.1	48.4	88.4
65	103.1	72.6	112.6

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#56

2,4-Dinitrotoluene

Concen: 46.140 ng

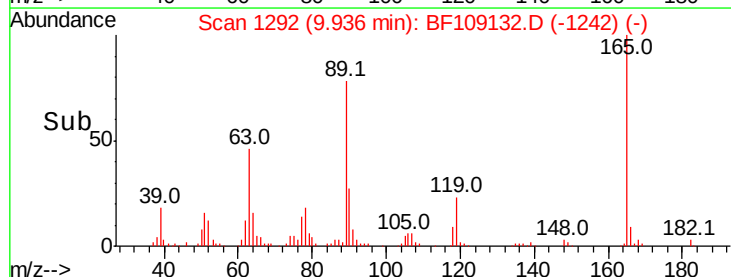
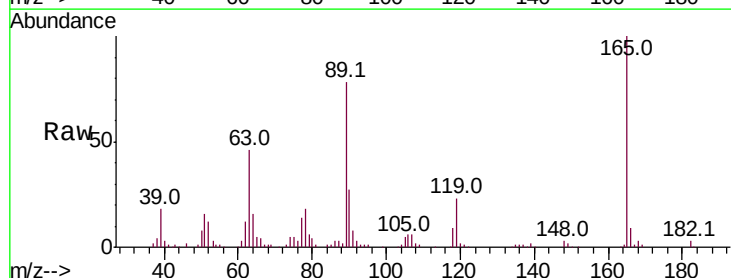
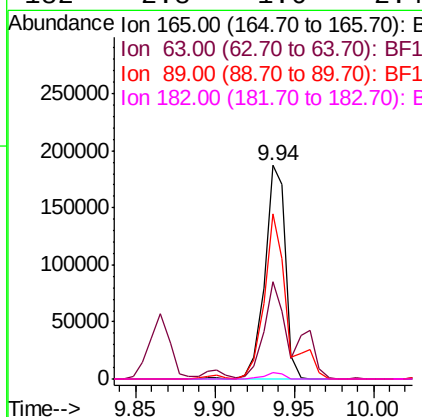
RT: 9.94 min Scan# 1292

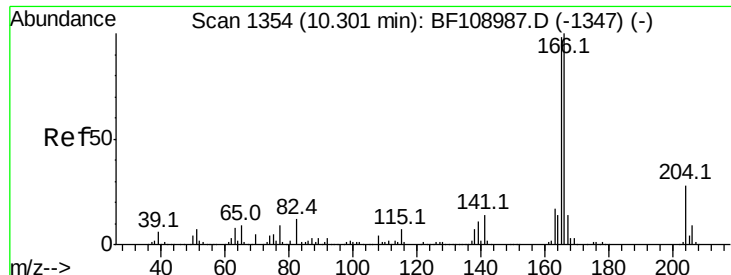
Delta R.T. -0.01 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	165	Resp:	171121
Ion Ratio	Lower	Upper	
165	100		
63	45.5	36.4	54.6
89	77.5	57.8	86.6
182	2.8	1.6	2.4#





#57

Fluorene

Concen: 53.414 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

ClientSampleId :

PB112905BS

Tot Ion:166 Resp: 553594

Ion Ratio Lower Upper

166 100

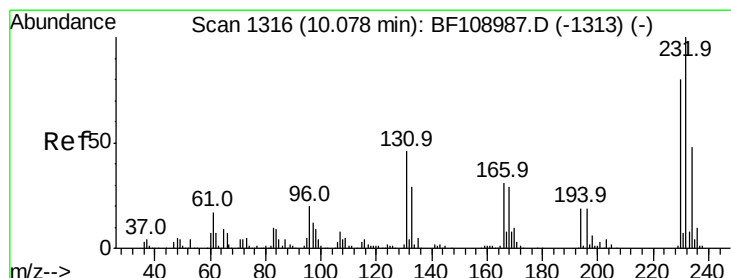
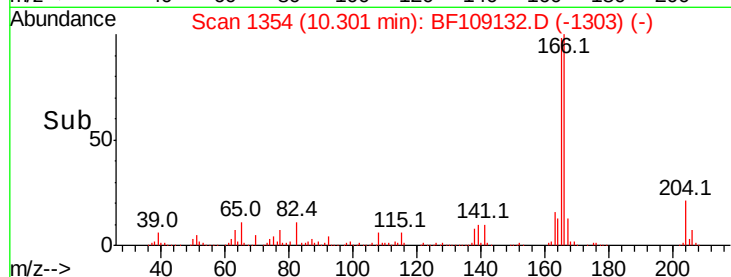
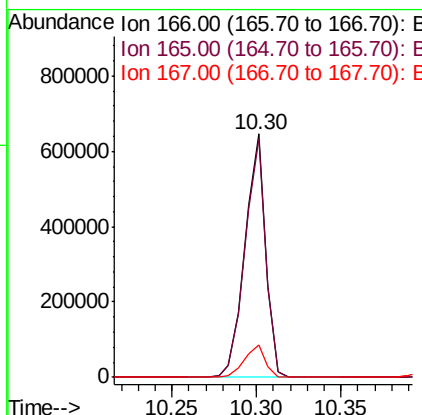
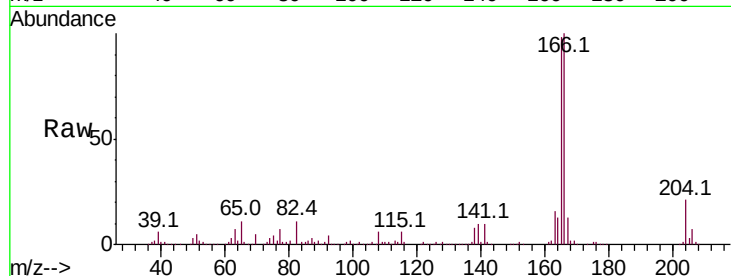
165 97.7 79.8 119.8

167 13.3 10.6 16.0

Manual Integrations
APPROVED

Sohil

9/19/2018 4:24:16 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.005 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:232 Resp: 150671

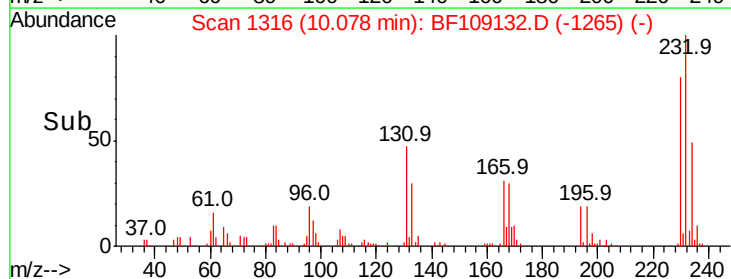
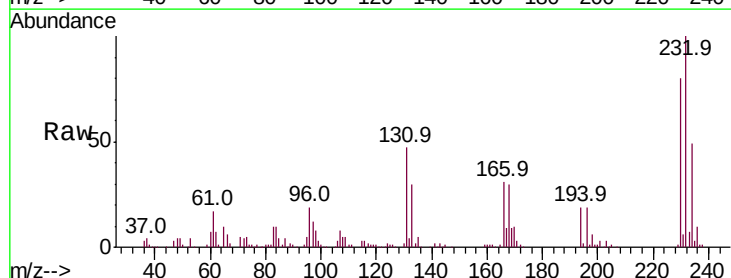
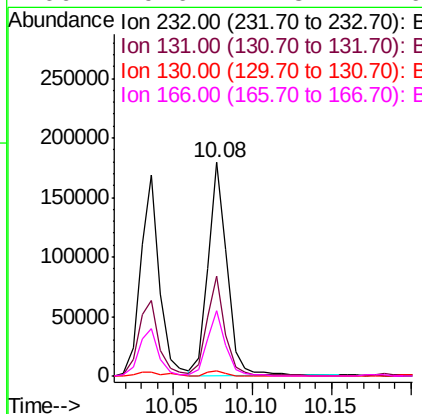
Ion Ratio Lower Upper

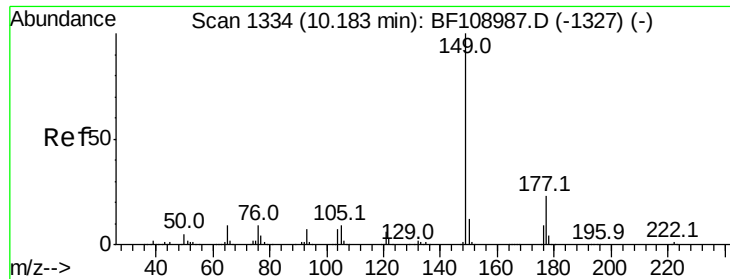
232 100

131 45.4 43.8 65.8

130 2.2 2.1 3.1

166 29.6 27.8 41.6





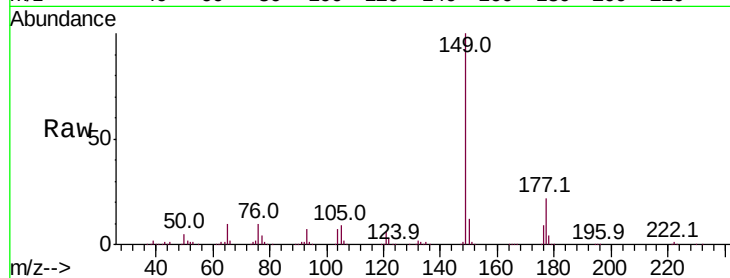
#59
Diethylphthalate
Concen: 51.382 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	663506		
177	21.5	16.1	24.1	
150	12.4	10.1	15.1	

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM

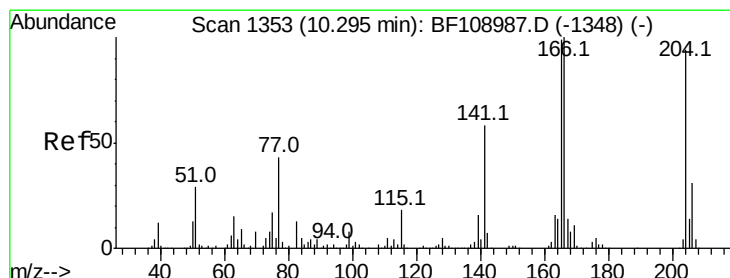
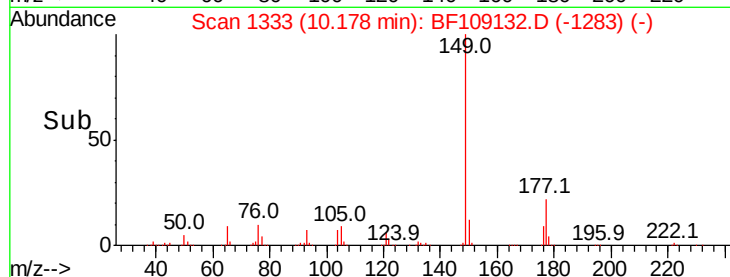
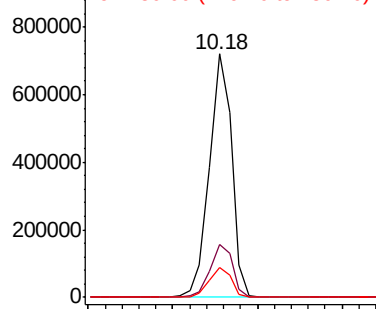


Abundance

Ion 149.00 (148.70 to 149.70): E

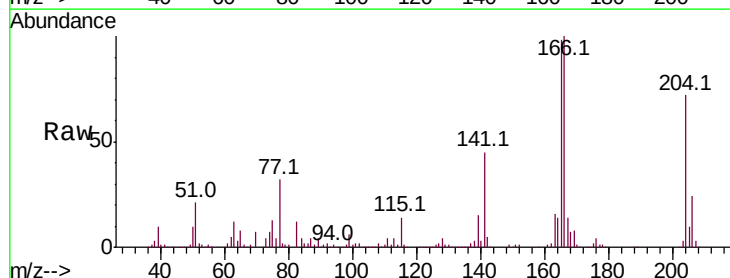
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 48.728 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	270428		
206	33.1	26.5	39.7	
141	61.5	54.6	81.8	

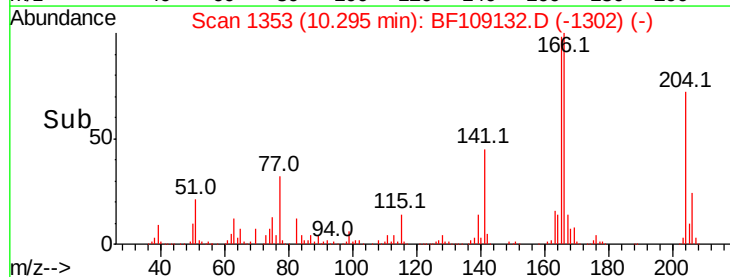
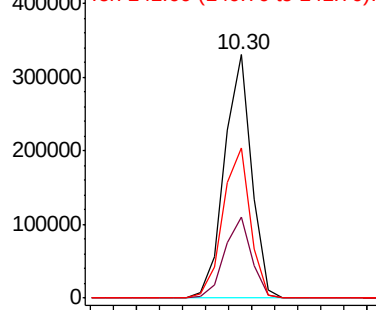


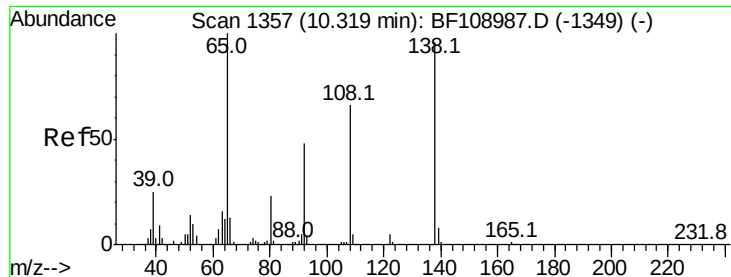
Abundance

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





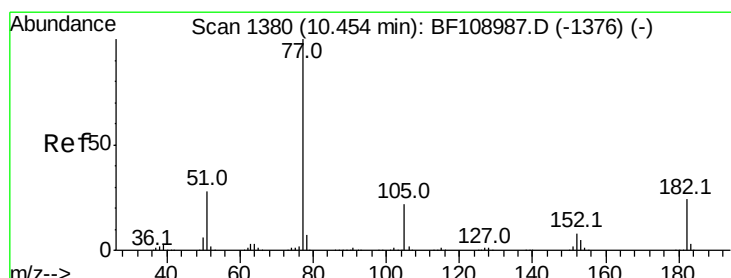
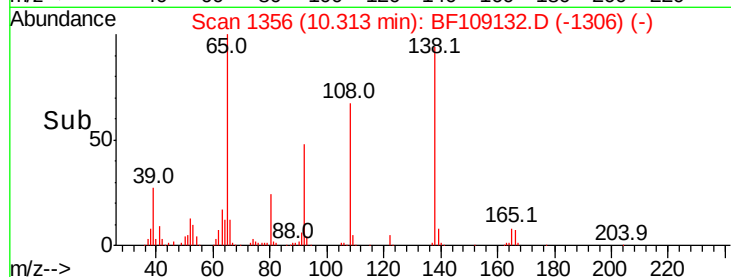
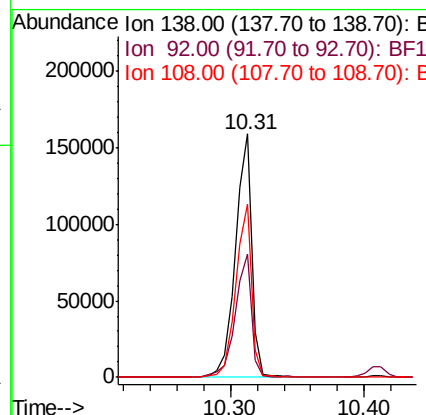
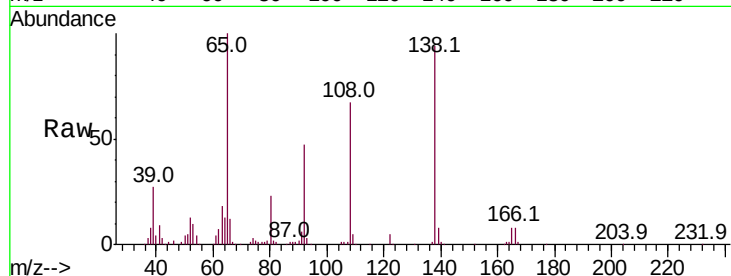
#61
4-Nitroaniline
Concen: 43.811 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.2	70.2
108	71.2	52.5	92.5

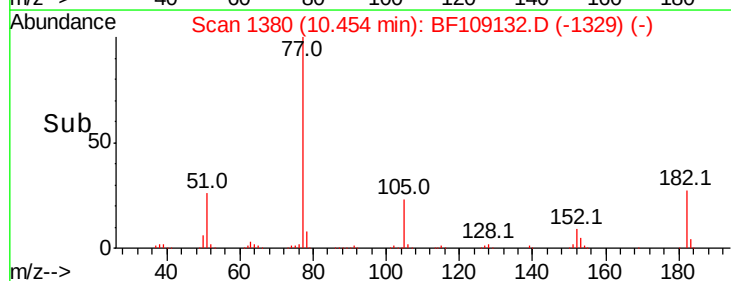
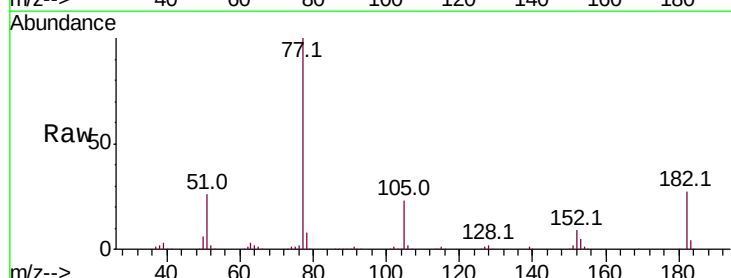
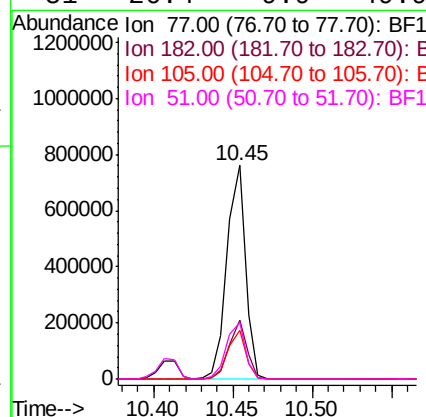
Manual Integrations
APPROVED

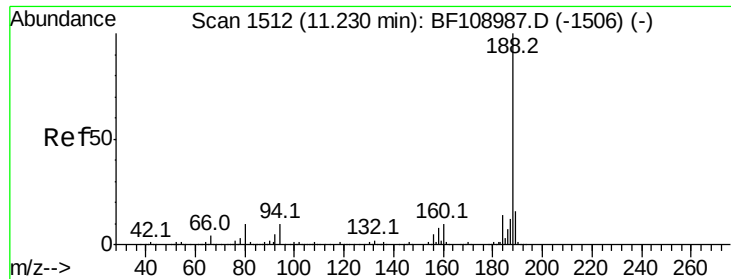
Sohil
9/19/2018 4:24:16 PM



#62
Azobenzene
Concen: 46.883 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	1.7	41.7
105	22.7	3.0	43.0
51	26.4	9.9	49.9





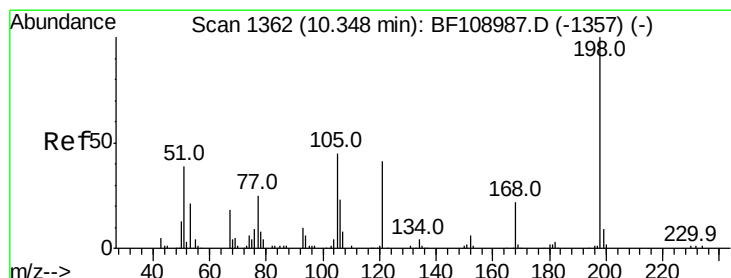
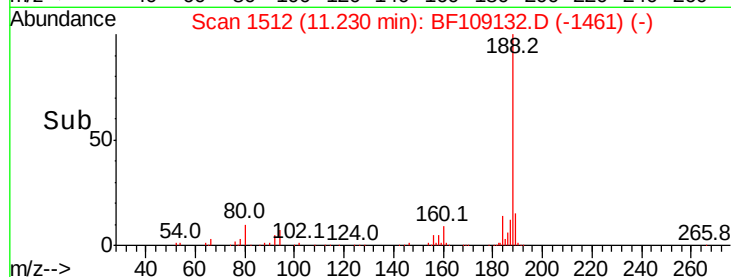
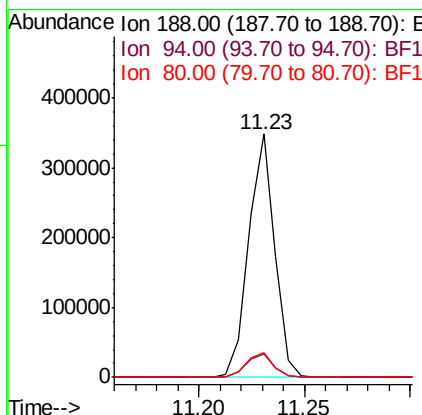
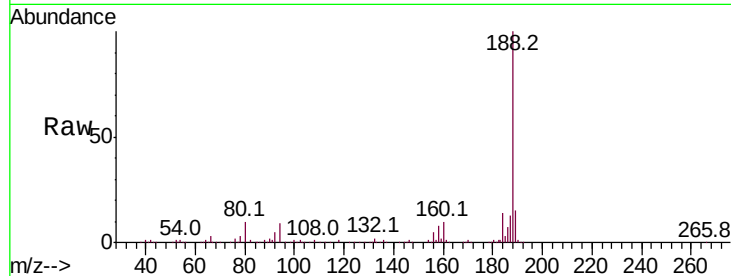
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	297824		
94	9.5		8.5	12.7
80	10.0		9.2	13.8

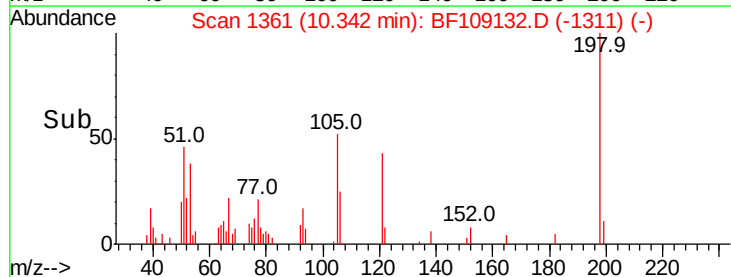
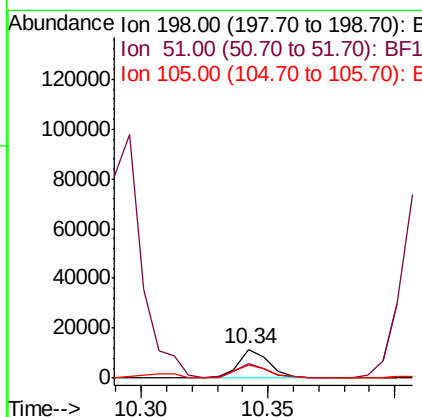
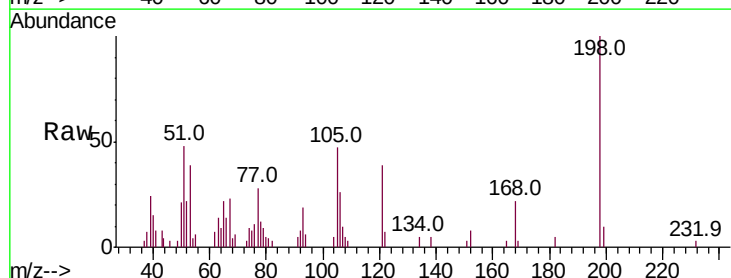
Manual Integrations
 APPROVED

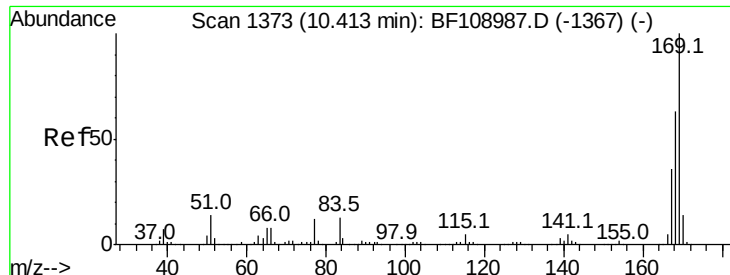
Sohil
 9/19/2018 4:24:16 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.880 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	9804		
51	48.4		37.7	77.7
105	47.3		36.3	76.3





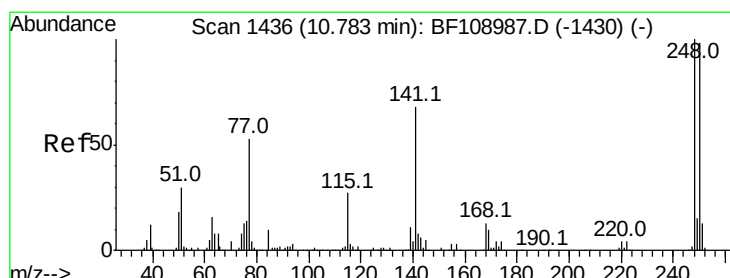
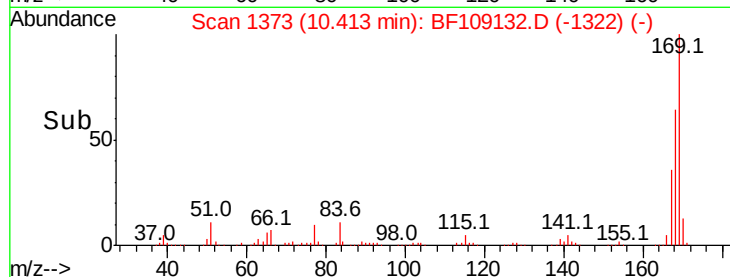
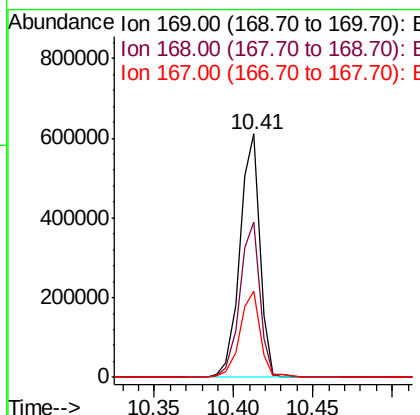
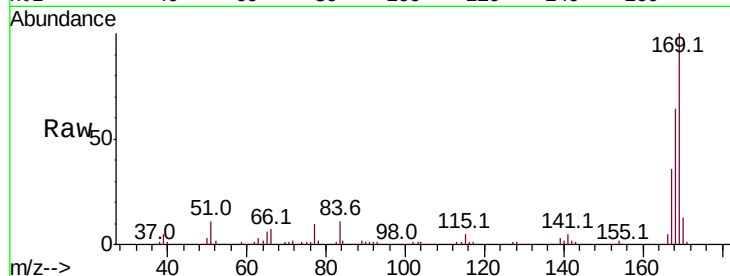
#65
 n-Nitrosodiphenylamine
 Concen: 54.704 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	532923		
168	63.8		54.4	81.6
167	35.6		29.8	44.6

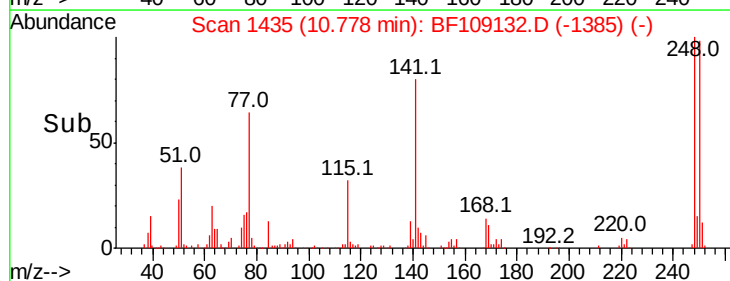
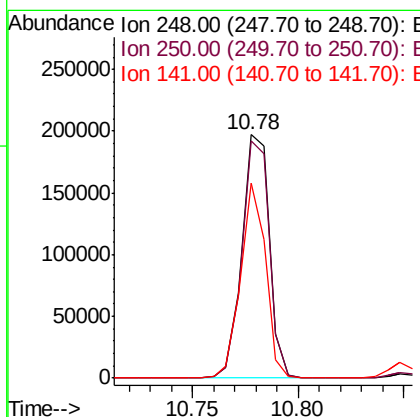
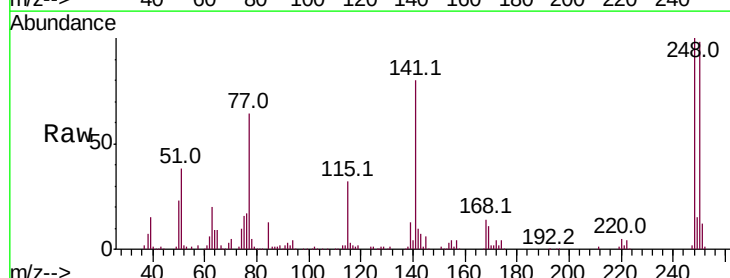
Manual Integrations
 APPROVED

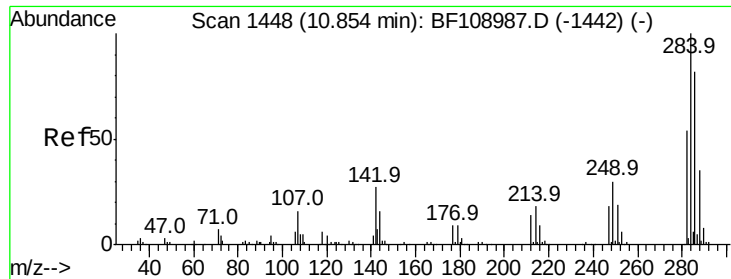
Sohil
 9/19/2018 4:24:16 PM



#66
 4-Bromophenyl-phenylether
 Concen: 52.691 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176915		
250	97.6		76.9	115.3
141	80.1		74.4	111.6





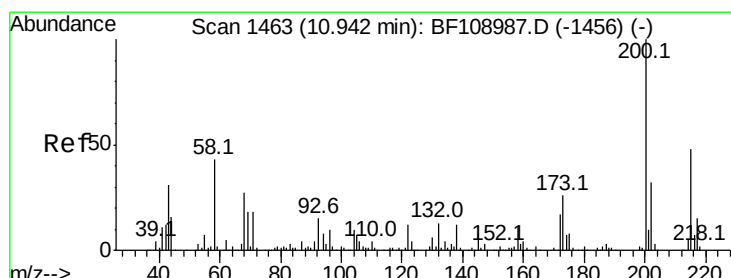
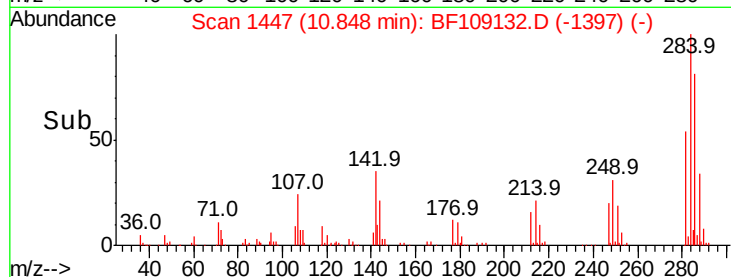
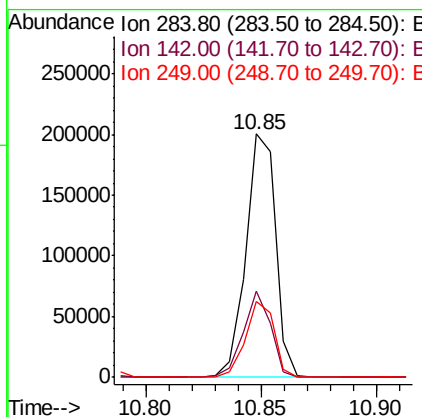
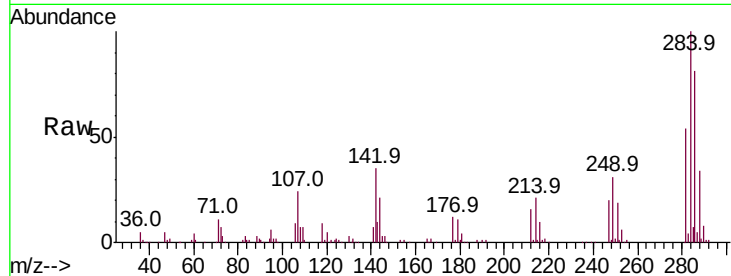
#67
Hexachlorobenzene
Concen: 50.431 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampled :
PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	181119		
142	35.5	34.6	52.0	
249	31.4	24.8	37.2	

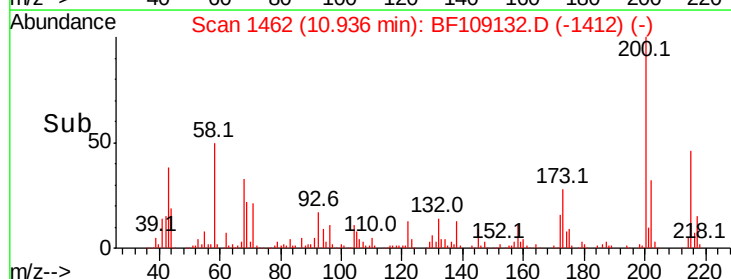
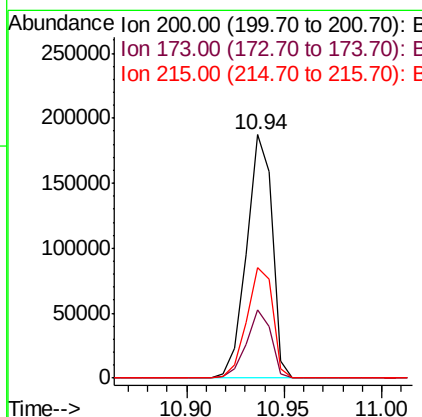
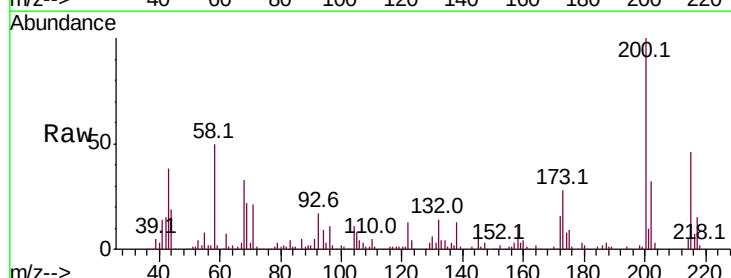
Manual Integrations
APPROVED

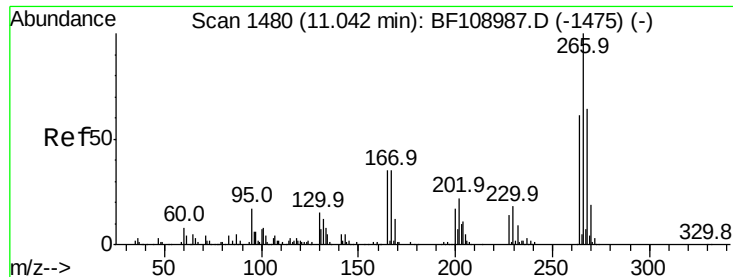
Sohil
9/19/2018 4:24:16 PM



#68
Atrazine
Concen: 54.748 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170735		
173	28.0	8.6	48.6	
215	45.6	25.1	65.1	





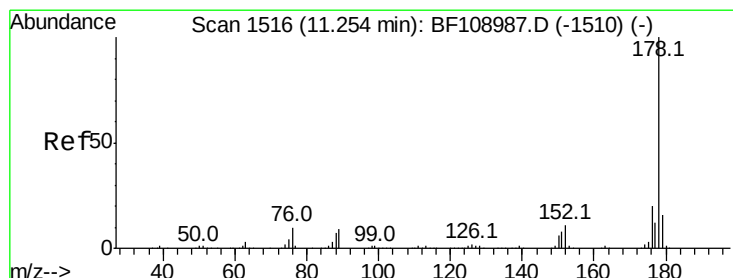
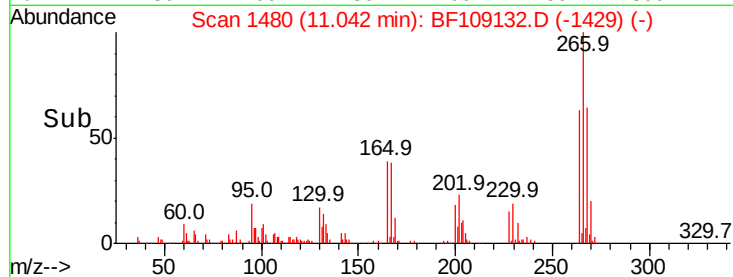
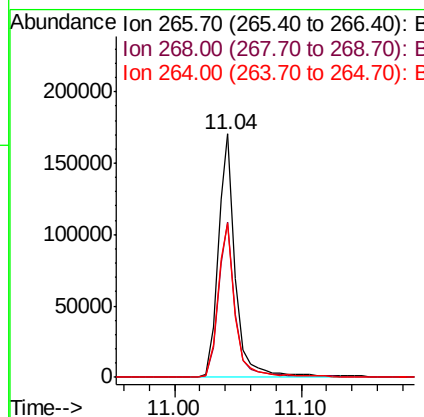
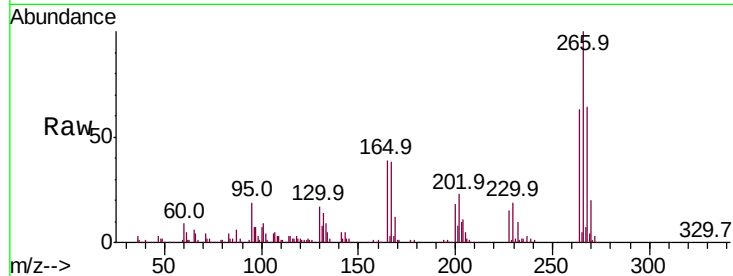
#69
 Pentachlorophenol
 Concen: 70.817 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampled :
 PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	162719		
268	64.0		51.1	76.7
264	63.1		49.5	74.3

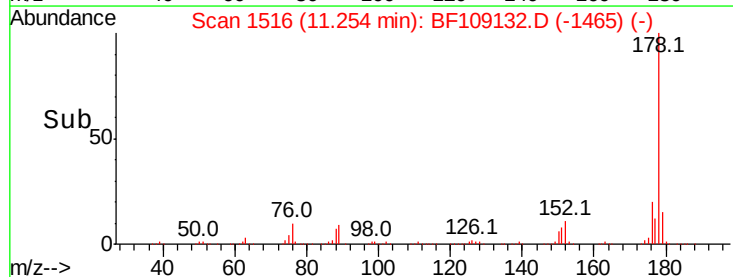
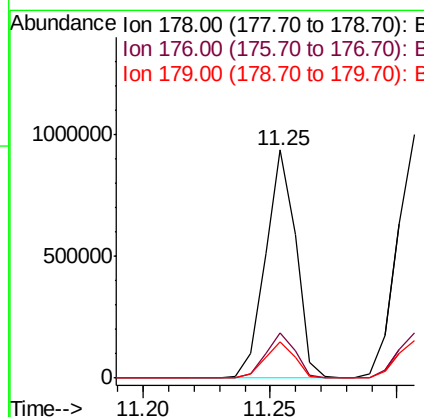
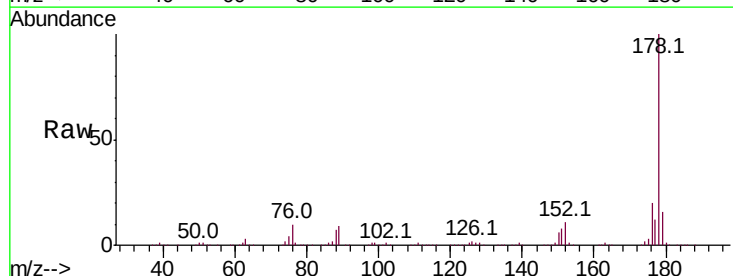
Manual Integrations
 APPROVED

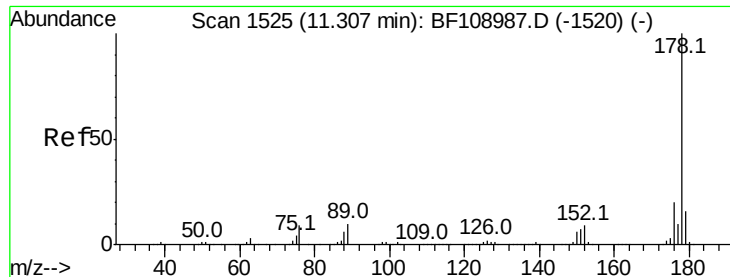
Sohil
 9/19/2018 4:24:16 PM



#70
 Phenanthrene
 Concen: 53.639 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	783099		
176	19.9		15.8	23.8
179	15.8		13.0	19.6





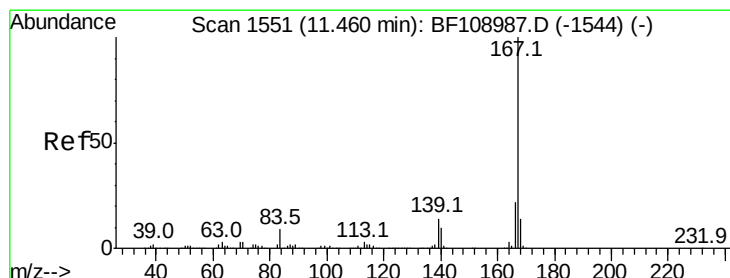
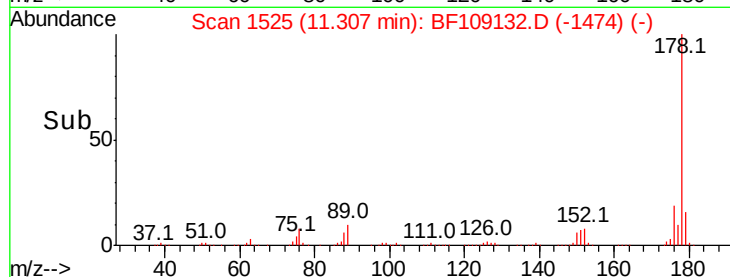
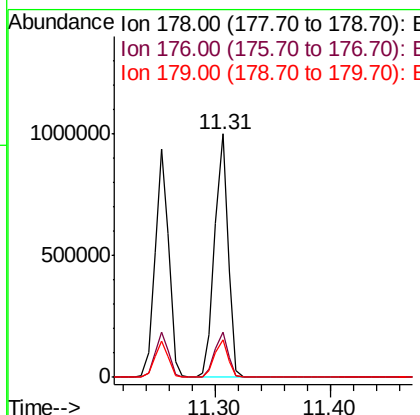
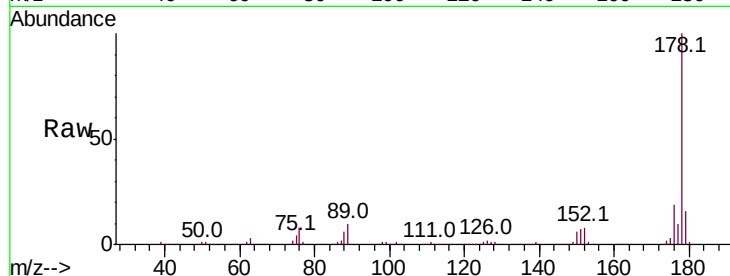
#71
 Anthracene
 Concen: 55.066 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0

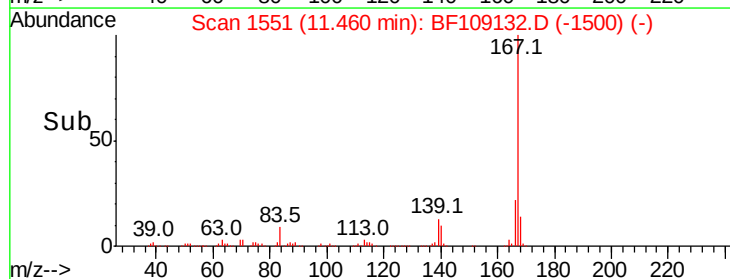
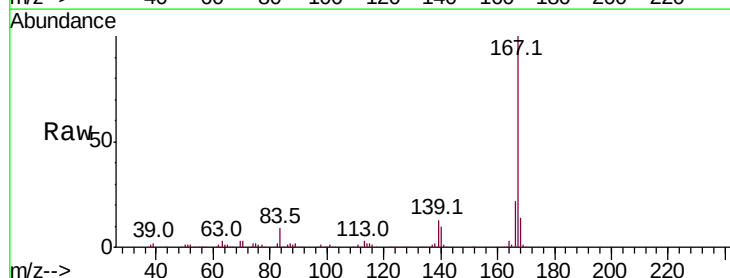
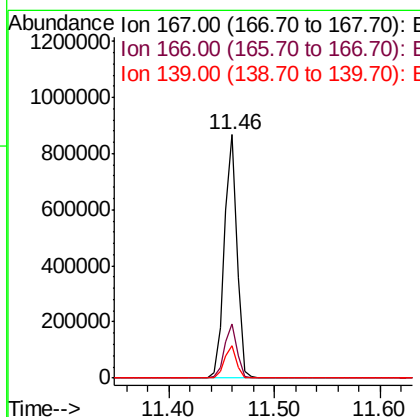
Manual Integrations
 APPROVED

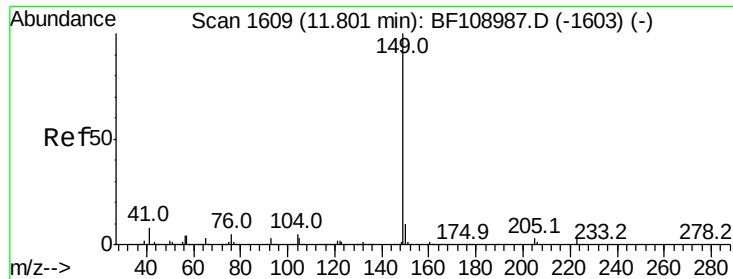
Sohil
 9/19/2018 4:24:16 PM



#72
 Carbazole
 Concen: 49.837 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 53.090 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

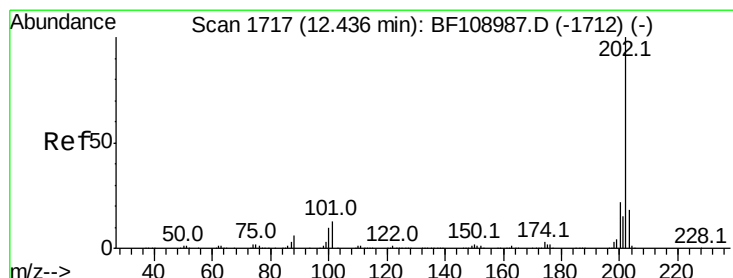
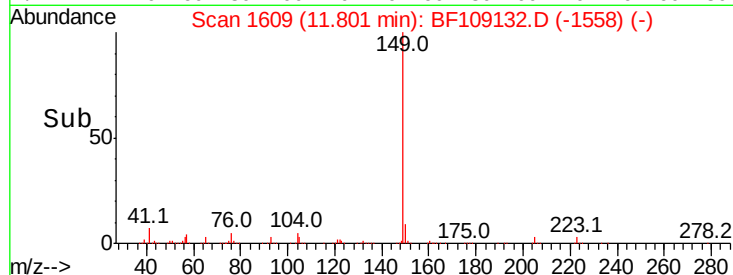
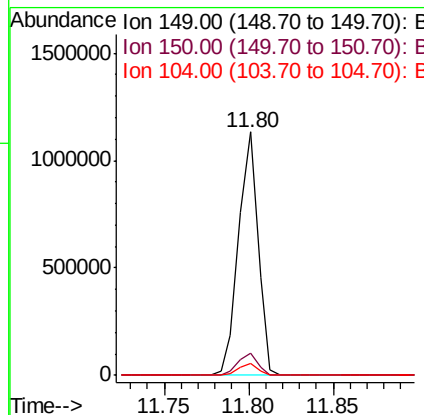
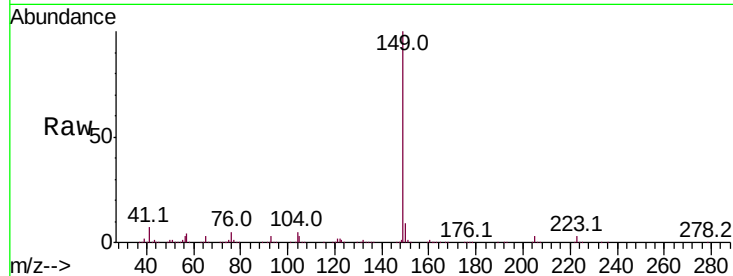
ClientSampleId :

PB112905BS

Tot Ion:	149	Resp:	910435
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#74

Fluoranthene

Concen: 56.597 ng

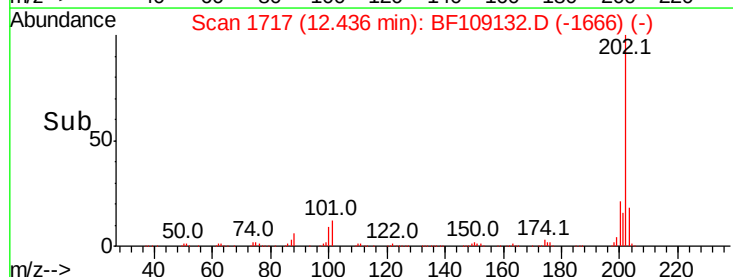
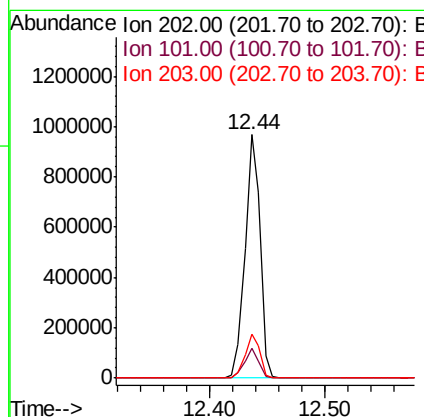
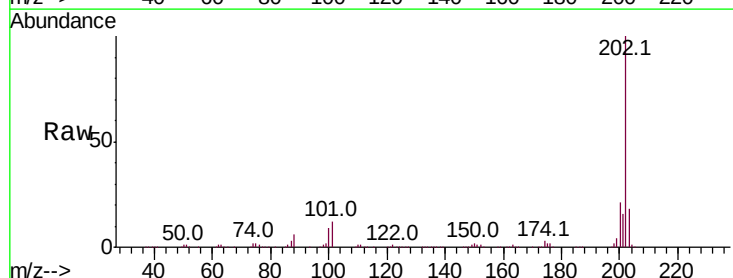
RT: 12.44 min Scan# 1717

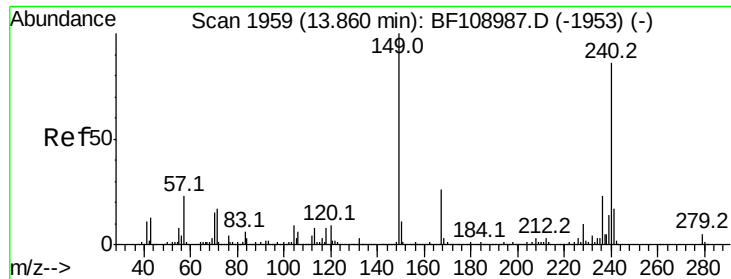
Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	202	Resp:	872309
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

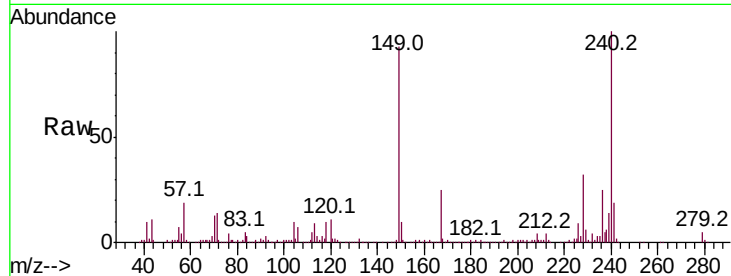
ClientSampleId :

PB112905BS

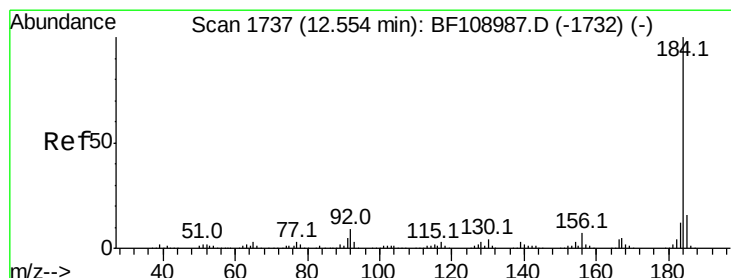
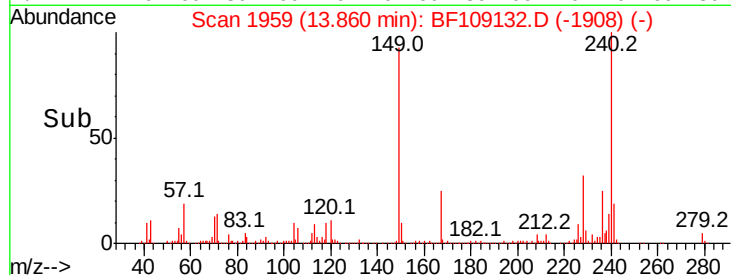
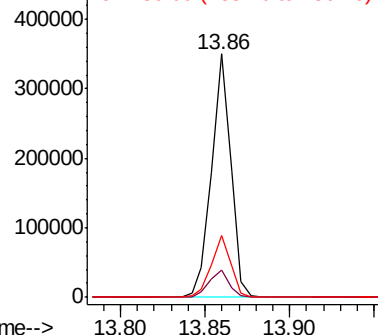
Tot Ion:	240	Resp:	278518
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.177 ng

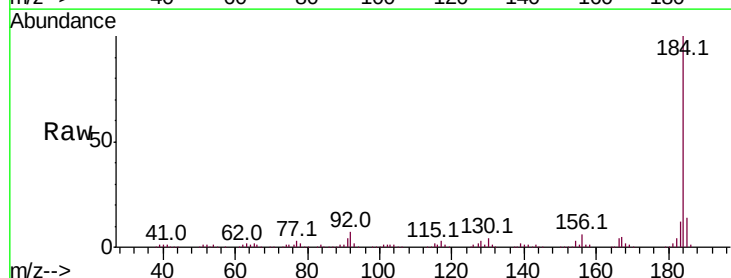
RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

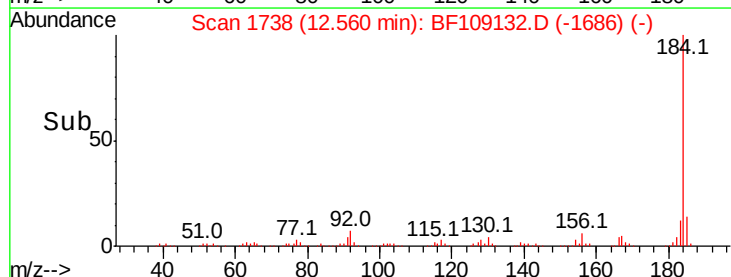
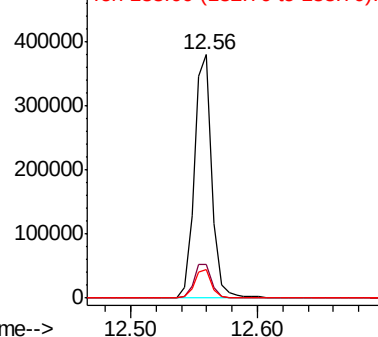
Lab File: BF109132.D

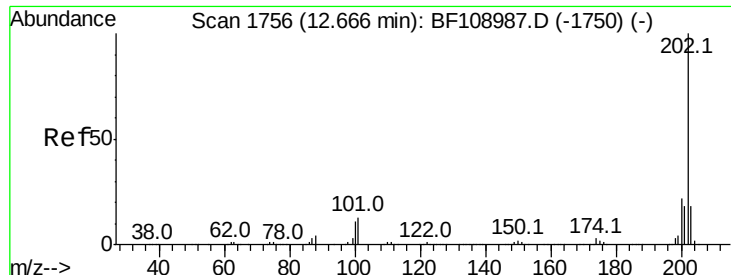
Acq: 19 Sep 2018 8:17

Tgt Ion:	184	Resp:	366530
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	11.6	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





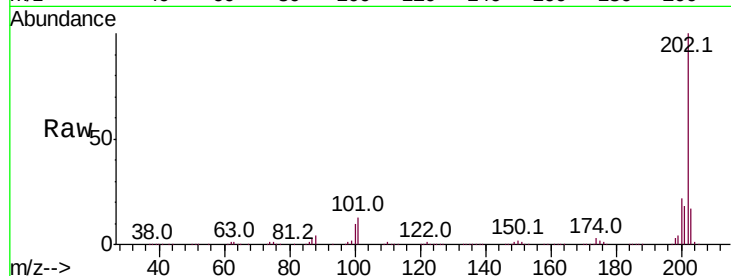
#77
Pvrene
Concen: 43.525 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.4	14.3	21.5

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM

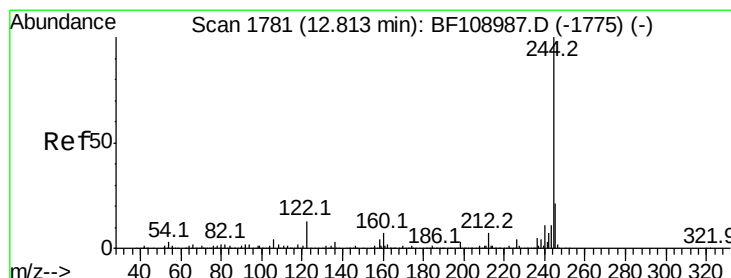
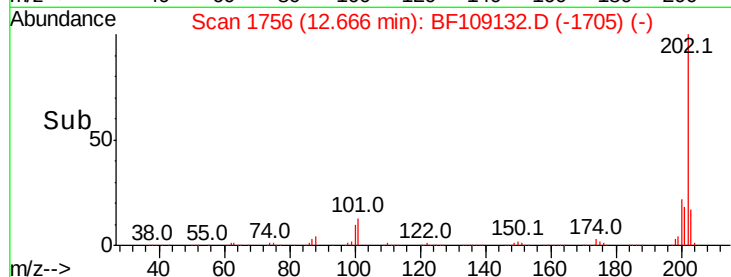
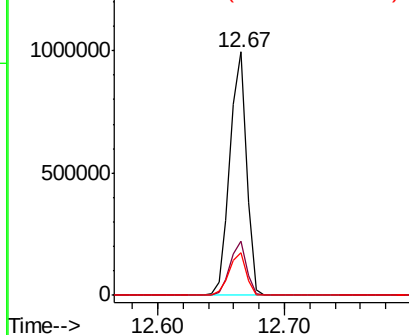


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 100.176 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

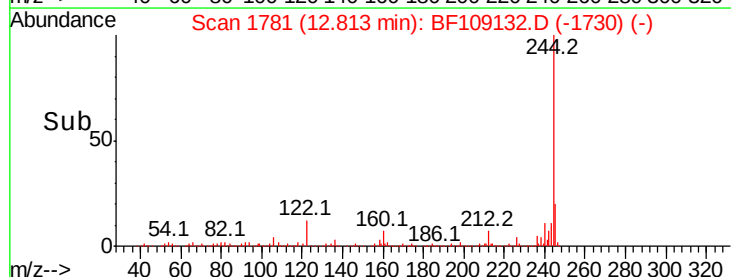
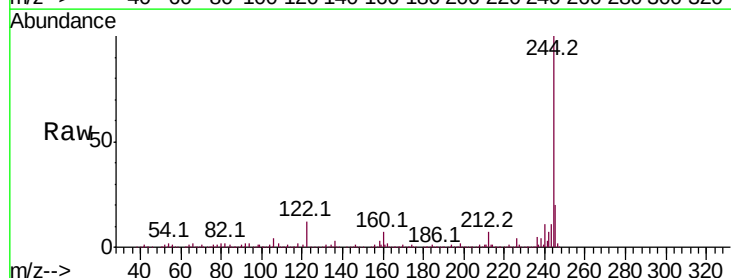
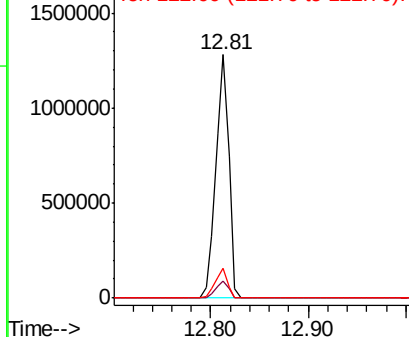
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4

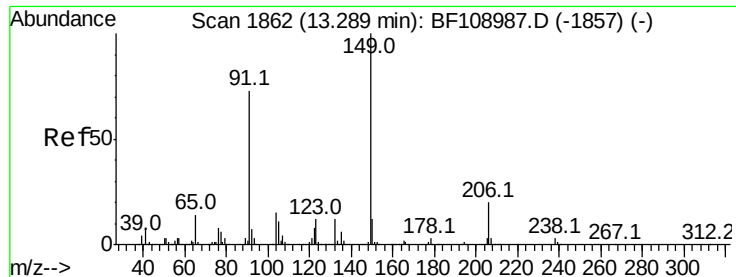
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.927 ng

RT: 13.29 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Instrument :

BNA_F

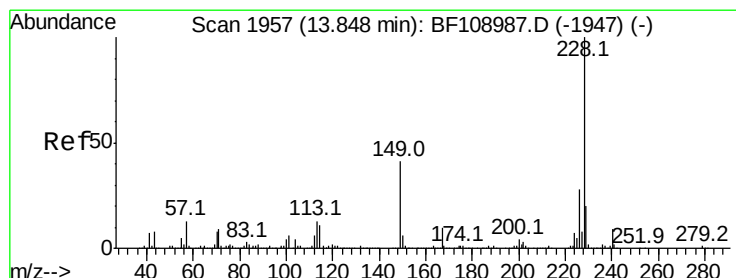
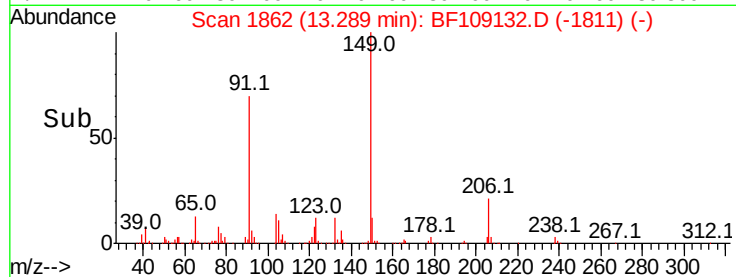
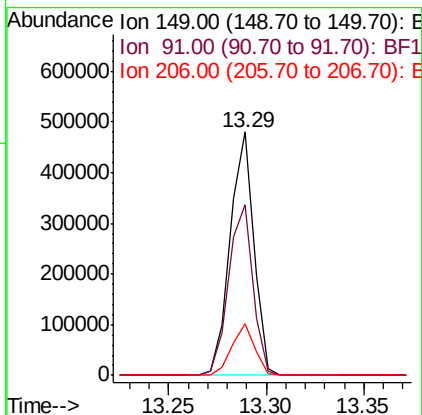
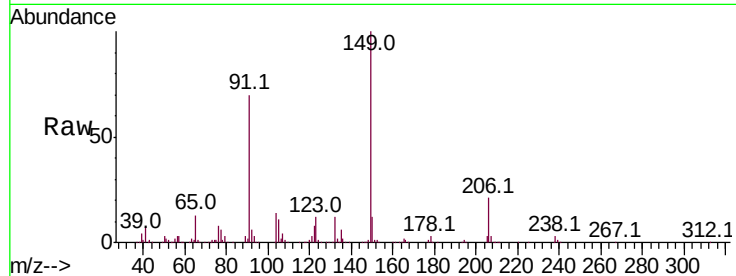
ClientSampleId :

PB112905BS

Tot Ion:	149	Resp:	405895
Ion Ratio	Lower	Upper	
149	100		
91	70.2	56.8	85.2
206	20.9	14.1	21.1

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



#80

Benzo(a)anthracene

Concen: 51.369 ng

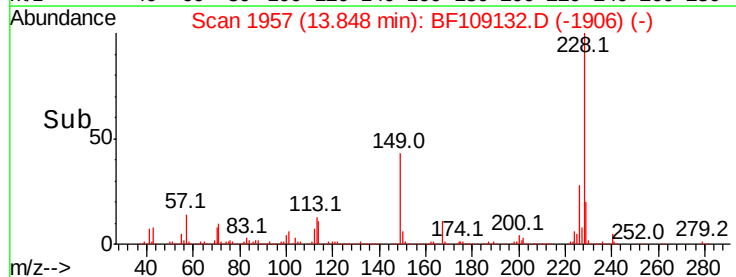
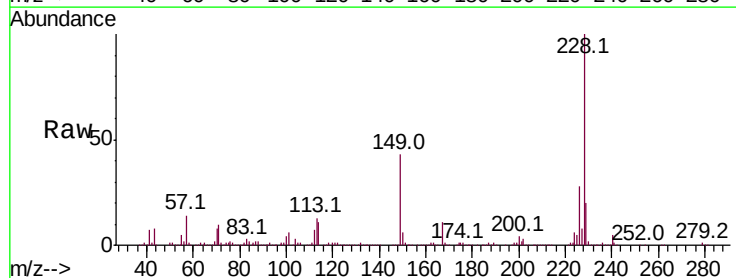
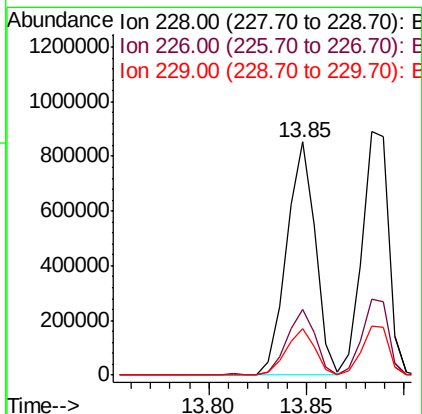
RT: 13.85 min Scan# 1957

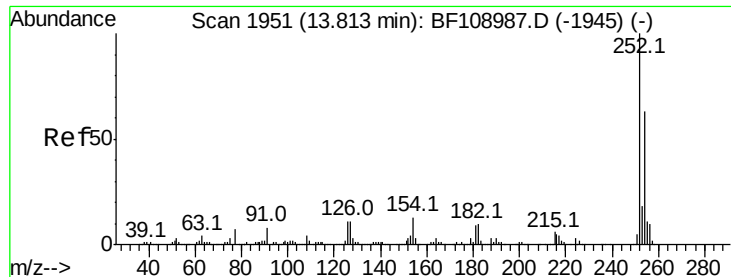
Delta R.T. 0.00 min

Lab File: BF109132.D

Acq: 19 Sep 2018 8:17

Tgt Ion:	228	Resp:	866209
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6





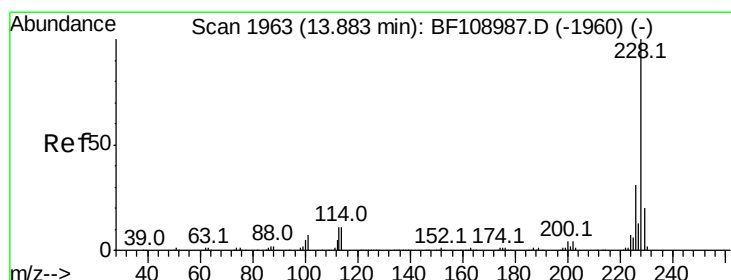
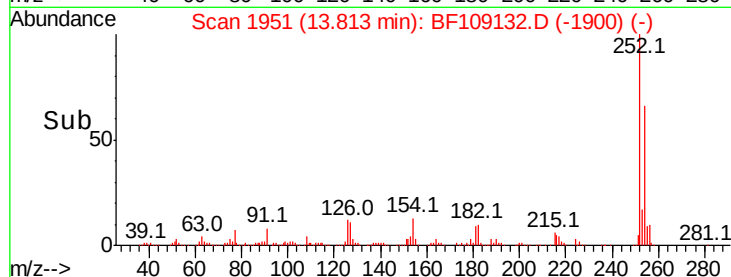
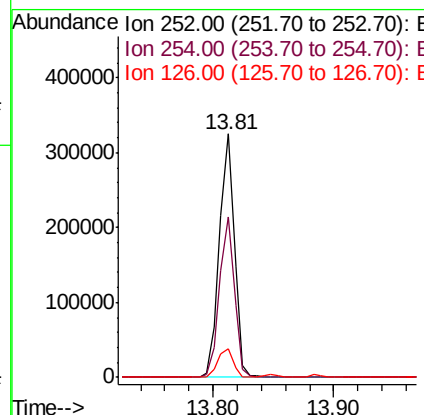
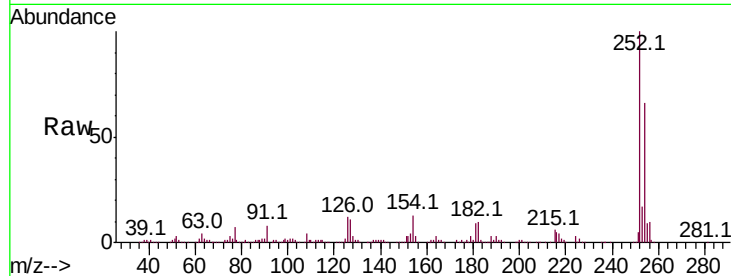
#81
 3,3'-Dichlorobenzidine
 Concen: 40.857 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	278013		
254	65.8		50.4	75.6
126	11.7		11.3	16.9

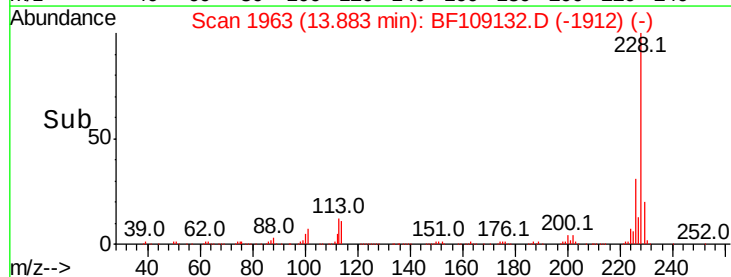
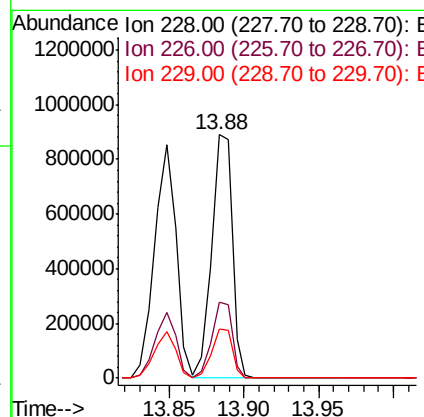
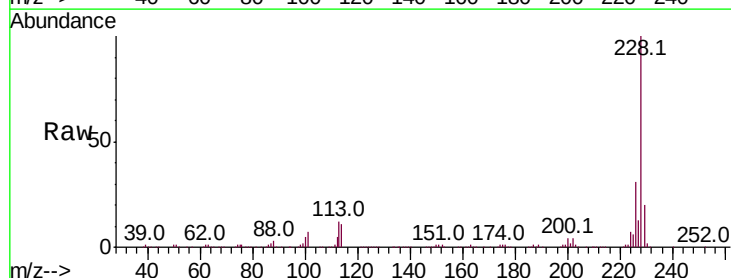
Manual Integrations
 APPROVED

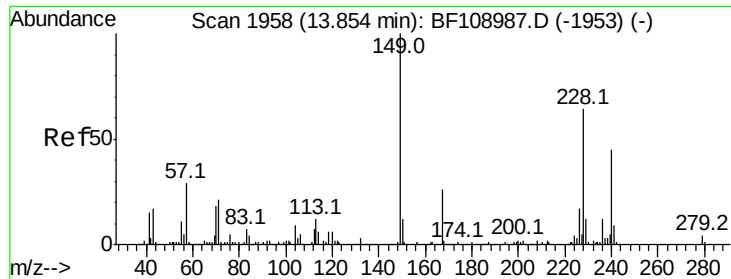
Sohil
 9/19/2018 4:24:16 PM



#82
 Chrysene
 Concen: 50.185 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	846658		
226	31.4		25.0	37.6
229	20.3		16.2	24.4





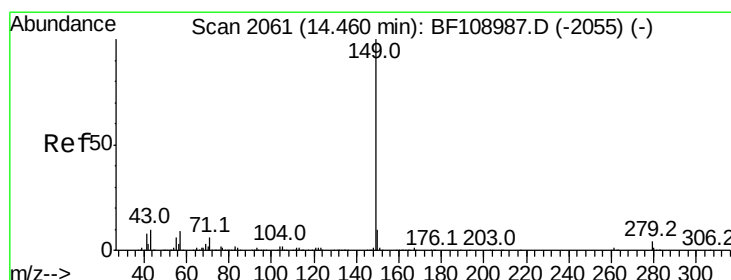
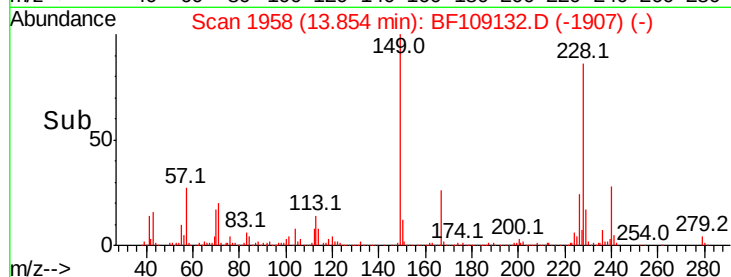
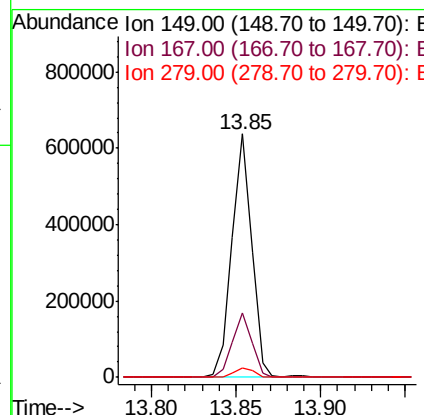
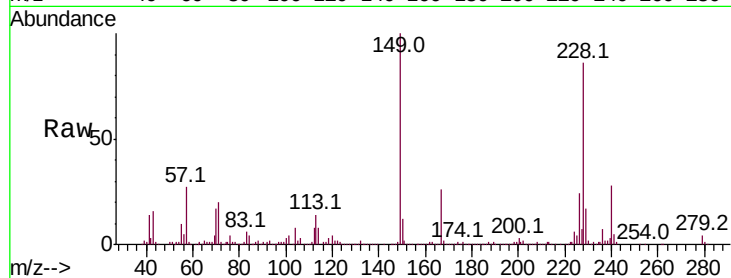
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.517 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.9	3.0	4.4

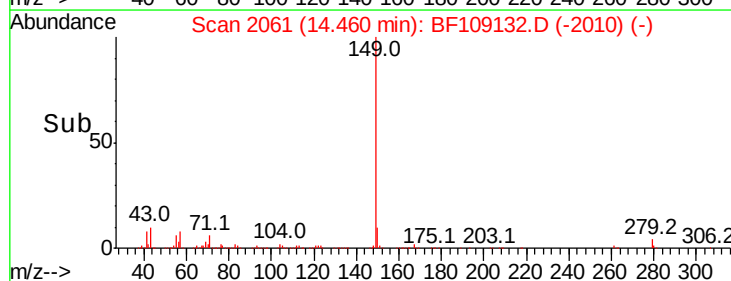
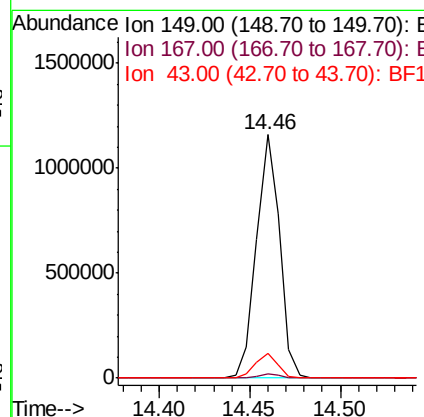
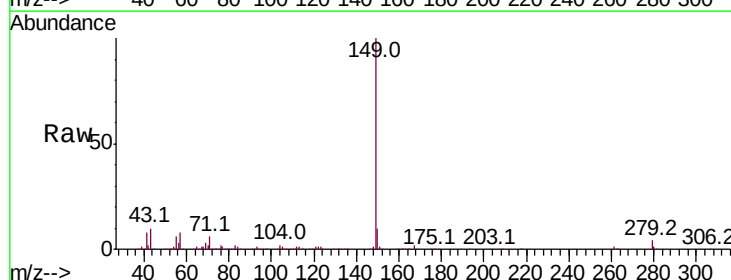
Manual Integrations
APPROVED

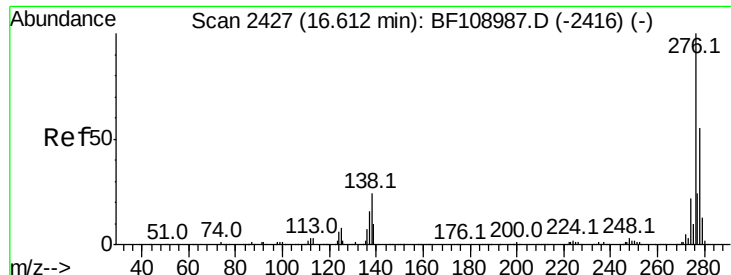
Sohil
9/19/2018 4:24:16 PM



#84
Di-n-octyl phthalate
Concen: 54.260 ng
RT: 14.46 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





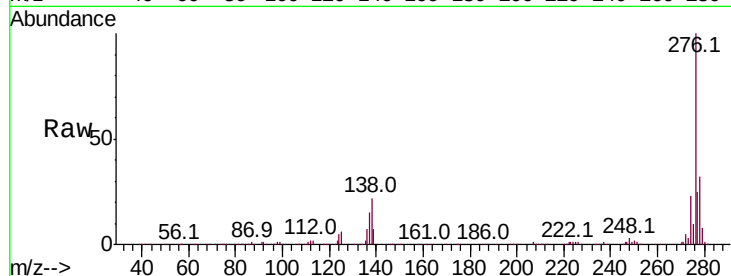
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.204 ng
RT: 16.61 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

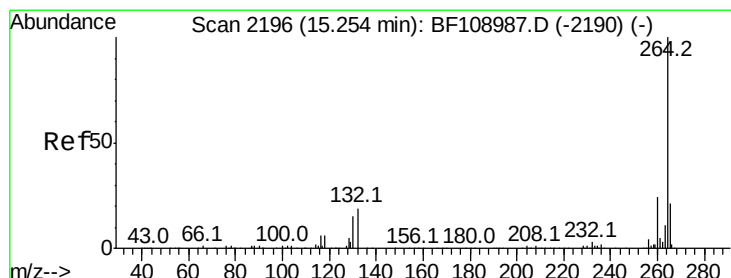
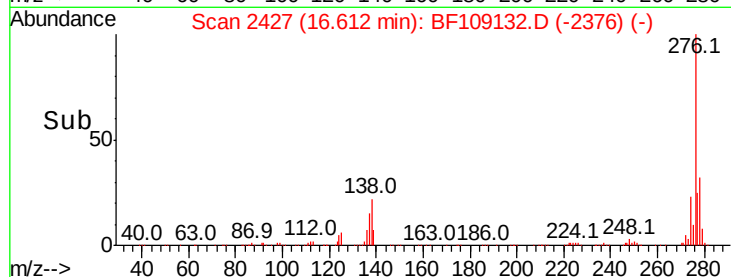
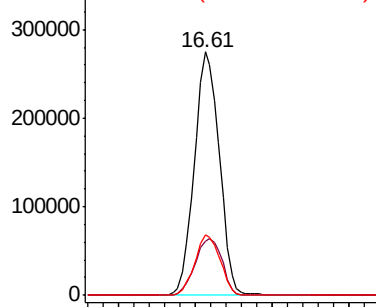
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM

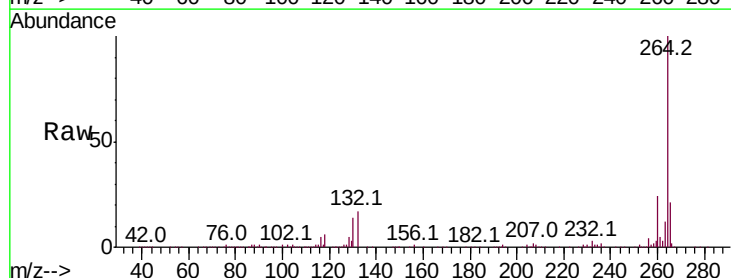


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

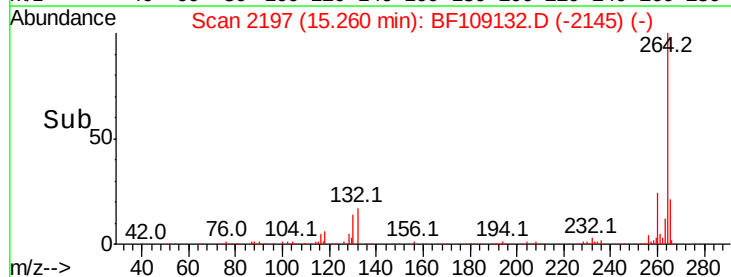
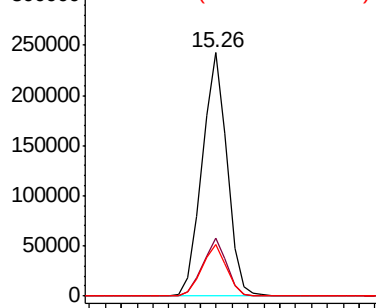


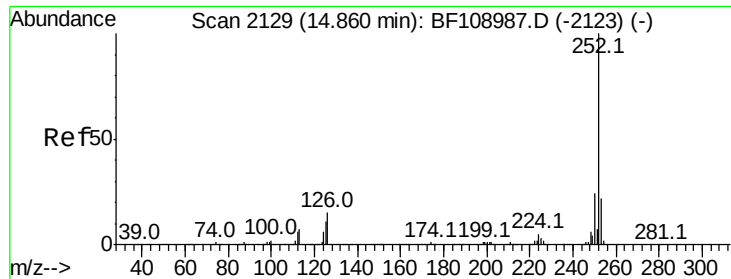
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





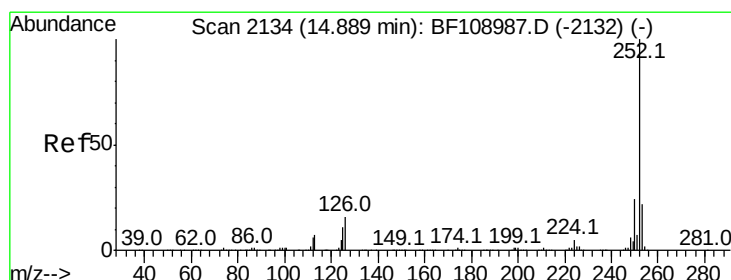
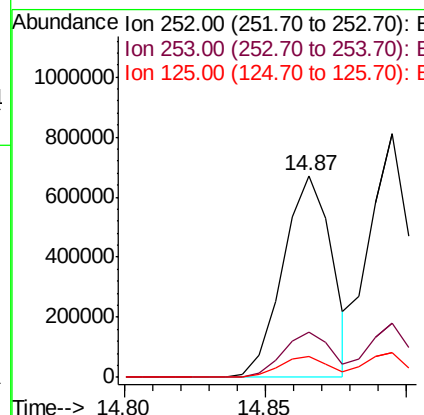
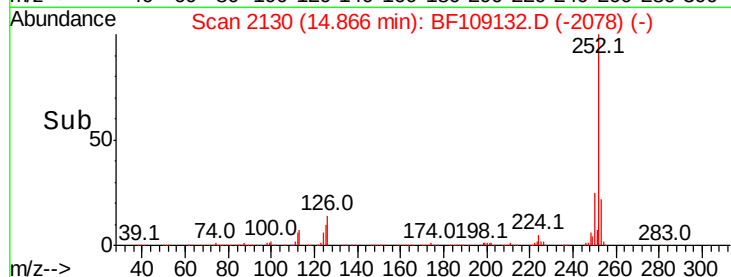
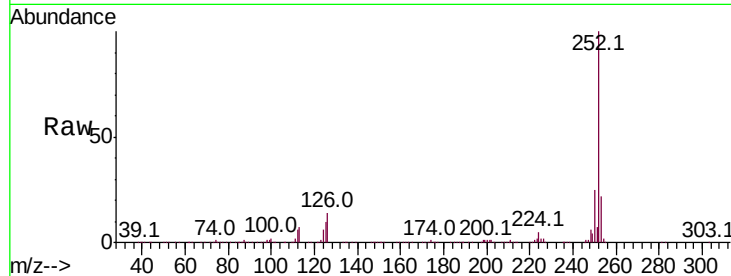
#87
Benzo(b)fluoranthene
Concen: 55.177 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.1	9.0	13.6

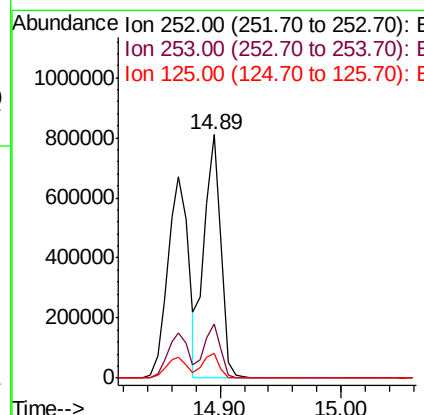
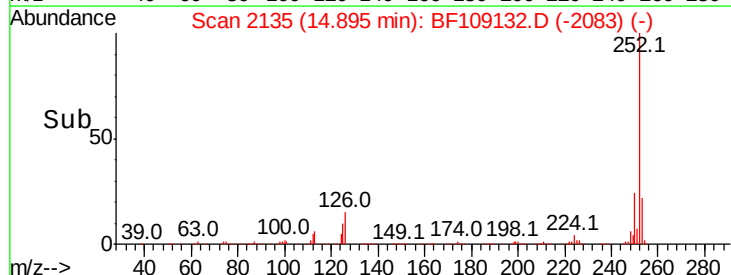
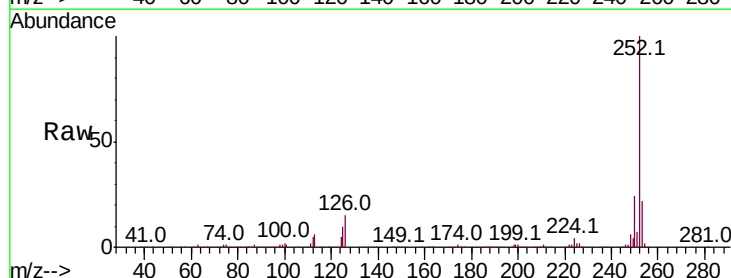
Manual Integrations
APPROVED

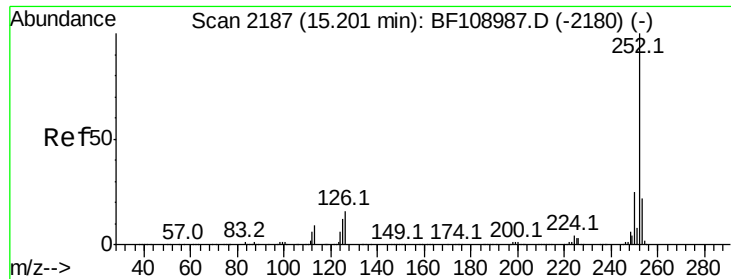
Sohil
9/19/2018 4:24:16 PM



#88
Benzo(k)fluoranthene
Concen: 57.101 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.3	10.2	15.2





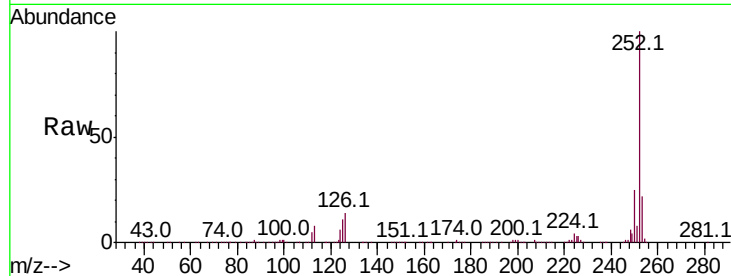
#89
Benzo(a)pyrene
Concen: 54.984 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Instrument :
BNA_F
ClientSampleId :
PB112905BS

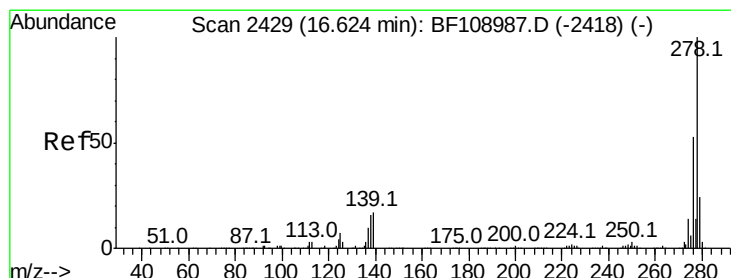
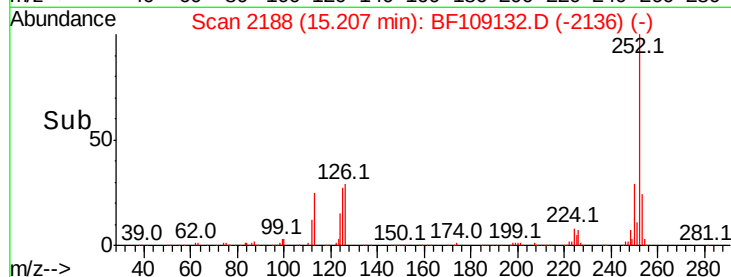
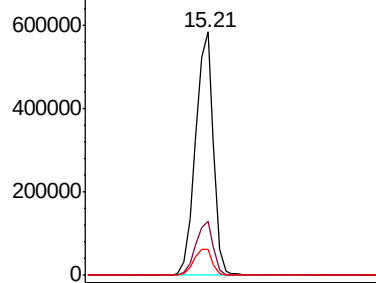
Tot Ion:	252	Resp:	713401
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	10.9	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/19/2018 4:24:16 PM



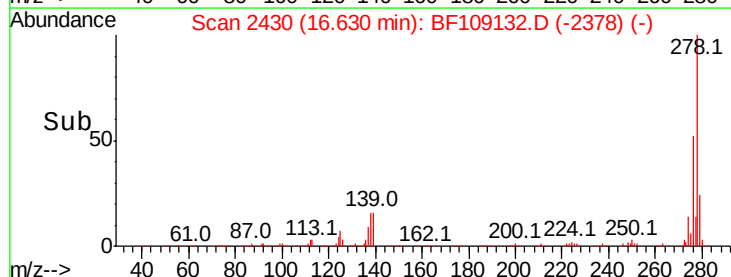
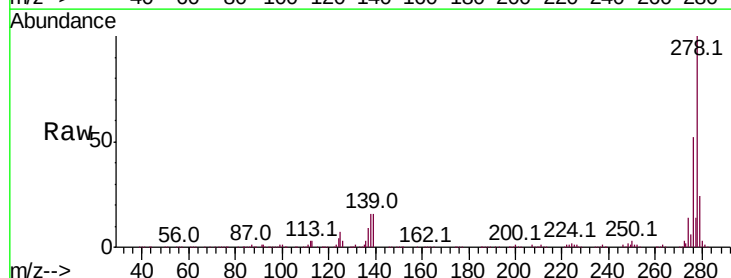
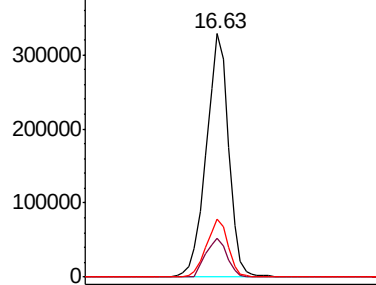
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

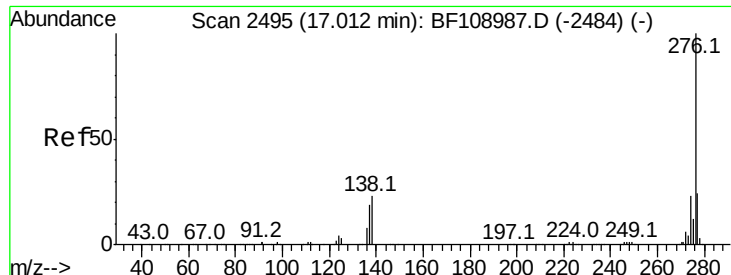


#90
Dibenzo(a,h)anthracene
Concen: 48.037 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109132.D
Acq: 19 Sep 2018 8:17

Tgt Ion:	278	Resp:	523631
Ion Ratio	Lower	Upper	
278	100		
139	16.1	15.9	23.9
279	23.7	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.936 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF109132.D
 Acq: 19 Sep 2018 8:17

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BS

Tot Ion:	276	Resp:	500614
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/19/2018 4:24:16 PM

