

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103013.D
 Acq On : 15 Feb 2018 13:09
 Operator : SJ/JU
 Sample : PB106525BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM

Quant Time: Feb 15 14:34:18 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162062	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	696835	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	328772	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	589202	20.00	ng	0.00
75) Chrysene-d12	14.05	240	455886	20.00	ng	0.00
86) Perylene-d12	15.53	264	429636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1290921	120.97	ng	0.01
7) Phenol-d6	6.52	99	1563583	121.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	1004365	99.99	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	350705	132.53	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1644800	83.02	ng	0.00
78) Terphenyl-d14	12.99	244	1610983	83.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	198189	37.601	ng	89
3) Pyridine	3.49	79	565360	38.823	ng	89
4) n-Nitrosodimethylamine	3.44	42	274303	44.025	ng	99
6) Aniline	6.54	93	464500	24.479	ng	95
8) 2-Chlorophenol	6.66	128	489688	44.573	ng	92
9) Benzaldehyde	6.43	77	117969	12.363	ng	98
10) Phenol	6.53	94	622993	45.243	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	474711	41.430	ng	92
12) 1,3-Dichlorobenzene	6.82	146	504837	39.681	ng	97
13) 1,4-Dichlorobenzene	6.89	146	513388	40.510	ng	100
14) 1,2-Dichlorobenzene	7.05	146	467807	39.631	ng	98
15) Benzyl Alcohol	7.02	79	432721	43.804	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	850907	39.093	ng	99
17) 2-Methylphenol	7.13	107	436931	43.116	ng	97
18) Hexachloroethane	7.39	117	186408	42.894	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	329096	38.847	ng	97
20) 3+4-Methylphenols	7.28	107	490779	39.272	ng	# 78
22) Acetophenone	7.29	105	648599	38.036	ng	# 89
24) Nitrobenzene	7.46	77	541014	45.788	ng	98
25) Isophorone	7.70	82	1000590	43.259	ng	100
26) 2-Nitrophenol	7.77	139	285913	56.931	ng	96
27) 2,4-Dimethylphenol	7.81	122	474818	48.589	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	621084	45.327	ng	99
29) 2,4-Dichlorophenol	8.02	162	417358	46.981	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	404310	40.231	ng	98
31) Naphthalene	8.18	128	1381925	40.590	ng	99
32) Benzoic acid	7.93	122	293831	44.071	ng	98
33) 4-Chloroaniline	8.23	127	177408	12.096	ng	98
34) Hexachlorobutadiene	8.29	225	197805	38.411	ng	99
35) Caprolactam	8.60	113	158209m	51.281	ng	
36) 4-Chloro-3-methylphenol	8.72	107	478192	47.909	ng	98
37) 2-Methylnaphthalene	8.87	142	935778	41.981	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	351868	39.306	ng	98
40) Hexachlorocyclopentadiene	9.02	237	294742	69.261	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103013.D
 Acq On : 15 Feb 2018 13:09
 Operator : SJ/JU
 Sample : PB106525BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM

Quant Time: Feb 15 14:34:18 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	268913	45.735	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	290656	43.858	ng	97
45) 1,1'-Biphenyl	9.34	154	1078912	38.962	ng	99
46) 2-Chloronaphthalene	9.36	162	875916	40.178	ng	99
47) 2-Nitroaniline	9.46	65	337167	49.967	ng	94
48) Acenaphthylene	9.78	152	1338547	39.532	ng	99
49) Dimethylphthalate	9.64	163	1062432	41.445	ng	100
50) 2,6-Dinitrotoluene	9.70	165	243600	49.948	ng	97
51) Acenaphthene	9.95	154	771768	38.113	ng	100
52) 3-Nitroaniline	9.87	138	155764	25.956	ng	99
53) 2,4-Dinitrophenol	9.99	184	181987	96.700	ng	# 20
54) Dibenzofuran	10.13	168	1170023	41.000	ng	98
55) 4-Nitrophenol	10.05	139	428686	86.579	ng	94
56) 2,4-Dinitrotoluene	10.11	165	321120	49.024	ng	# 95
57) Fluorene	10.47	166	897346	43.219	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	223530	48.666	ng	99
59) Diethylphthalate	10.34	149	1023009	40.416	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	398611	43.399	ng	98
61) 4-Nitroaniline	10.49	138	292710	51.244	ng	93
62) Azobenzene	10.62	77	1059145	41.885	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	136495	53.519	ng	90
65) n-Nitrosodiphenylamine	10.58	169	838946	40.367	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	259015	41.558	ng	97
67) Hexachlorobenzene	11.02	284	272121	39.577	ng	95
68) Atrazine	11.10	200	263396	42.960	ng	97
69) Pentachlorophenol	11.21	266	269168	66.688	ng	97
70) Phenanthrene	11.43	178	1304728	39.760	ng	99
71) Anthracene	11.49	178	1365928	40.926	ng	100
72) Carbazole	11.64	167	1346220	41.172	ng	98
73) Di-n-butylphthalate	11.96	149	1659665	41.785	ng	100
74) Fluoranthene	12.62	202	1394273	42.231	ng	98
76) Benzidine	12.74	184	536704	25.615	ng	98
77) Pyrene	12.85	202	1421674	39.769	ng	99
79) Butylbenzylphthalate	13.46	149	758925	44.459	ng	95
80) Benzo(a)anthracene	14.04	228	1255213	43.780	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	250526	23.567	ng	99
82) Chrysene	14.08	228	1147902	39.717	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1024508	46.783	ng	99
84) Di-n-octyl phthalate	14.63	149	1750497	53.235	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1065763	44.461	ng	98
87) Benzo(b)fluoranthene	15.10	252	1180468	42.379	ng	98
88) Benzo(k)fluoranthene	15.13	252	1094872	41.137	ng	99
89) Benzo(a)pyrene	15.47	252	1078714	43.023	ng	97
90) Dibenzo(a,h)anthracene	17.05	278	878729	43.179	ng	99
91) Benzo(g,h,i)perylene	17.50	276	908070	45.588	ng	99

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

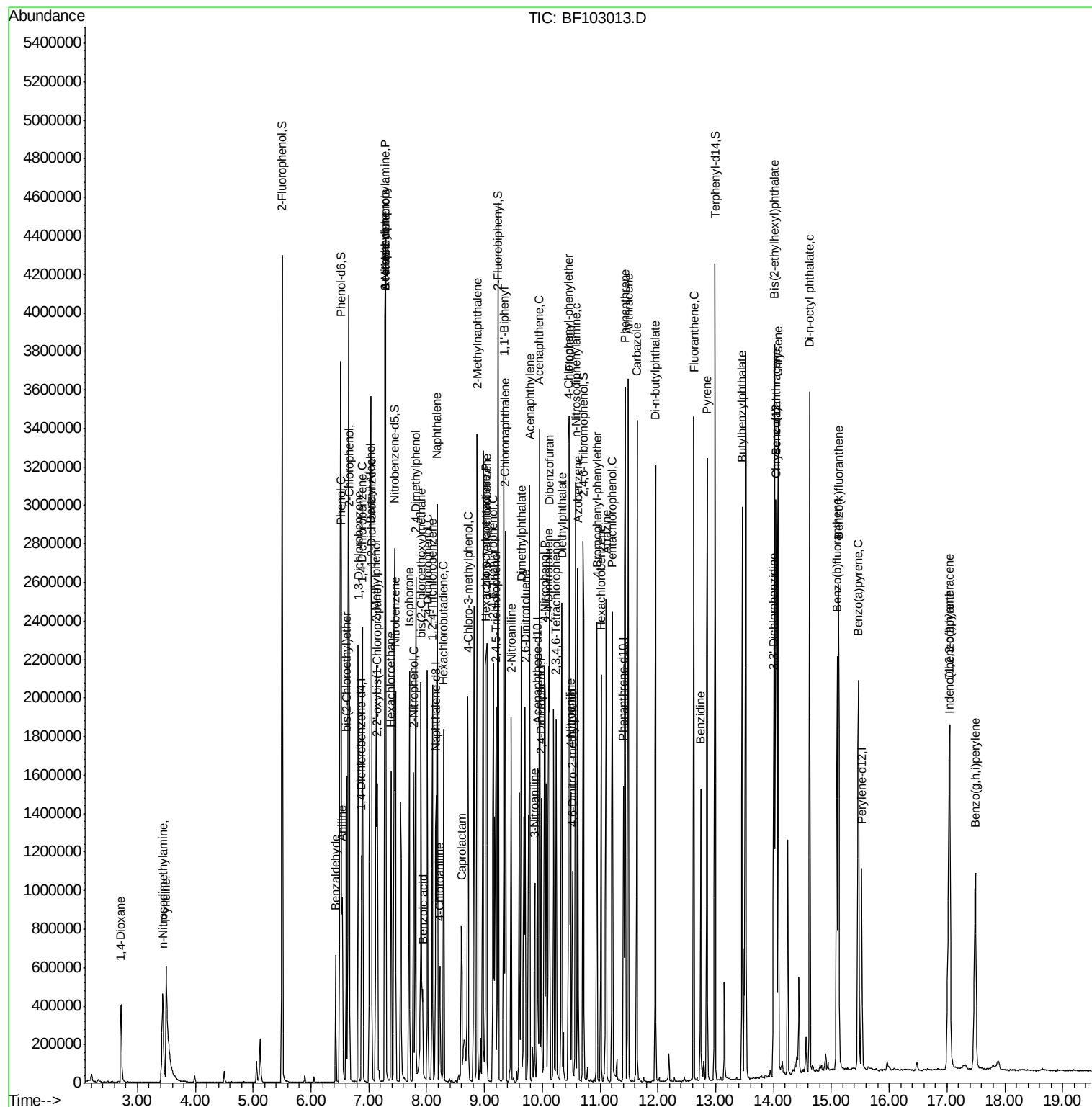
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103013.D
 Acq On : 15 Feb 2018 13:09
 Operator : SJ/JU
 Sample : PB106525BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

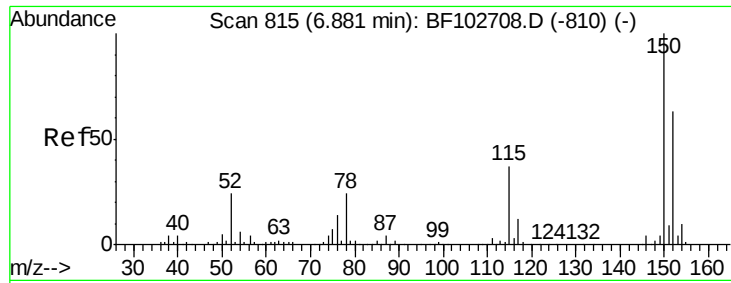
Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM

Quant Time: Feb 15 14:34:18 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration





#1

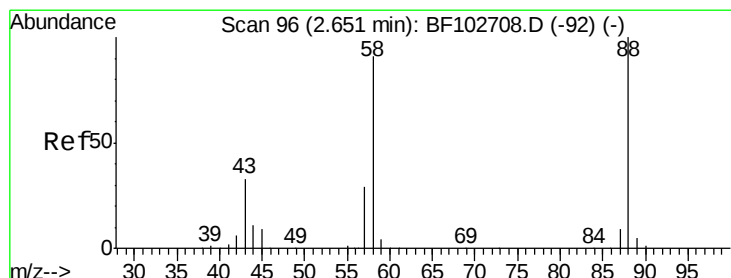
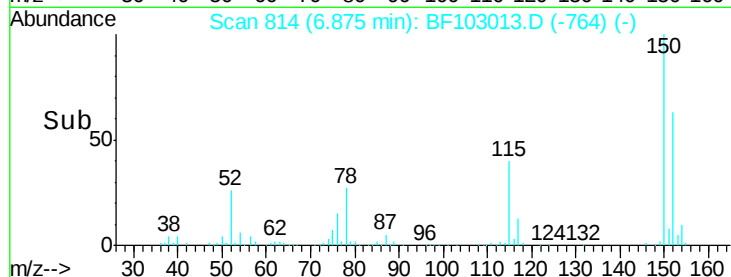
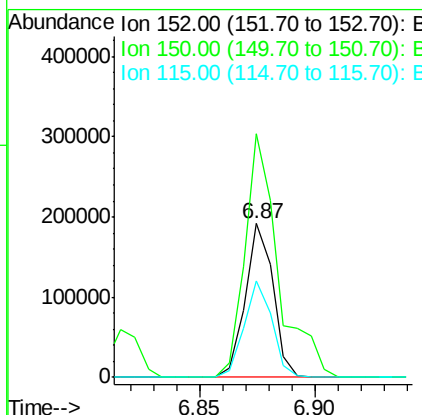
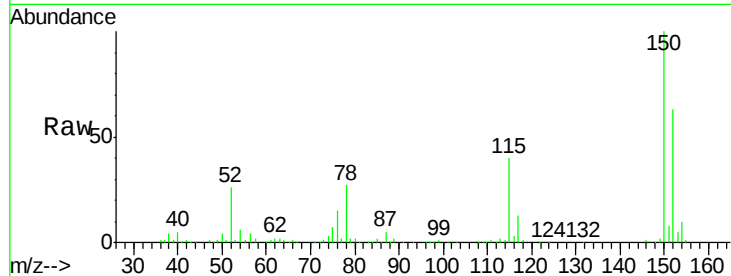
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.7	50.1	75.1

Manual Integrations
APPROVED

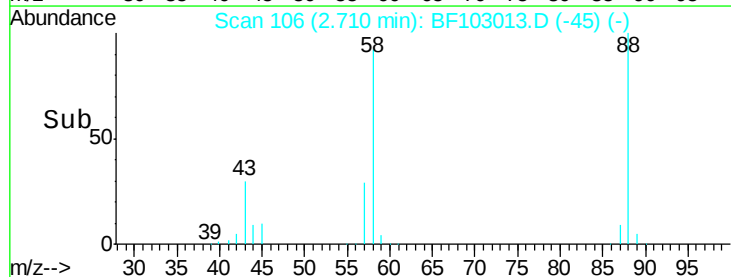
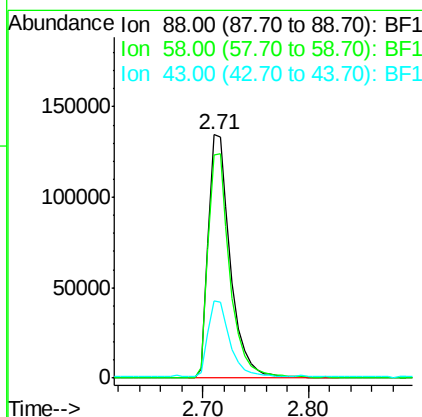
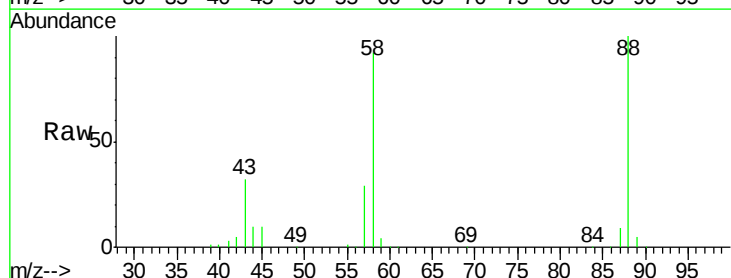
Sohil
2/16/2018 2:31:11 PM

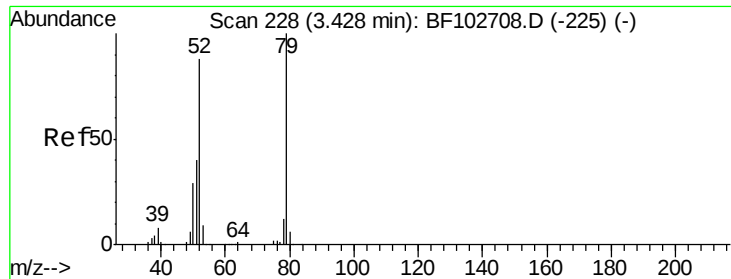


#2

1,4-Dioxane
Concen: 37.601 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.06 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	62.6	93.8
43	30.4	24.6	37.0





#3

Pyridine

Concen: 38.823 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

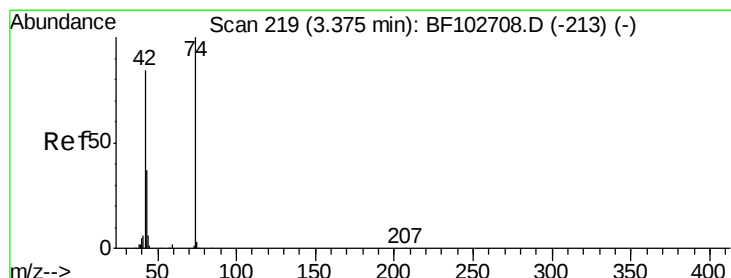
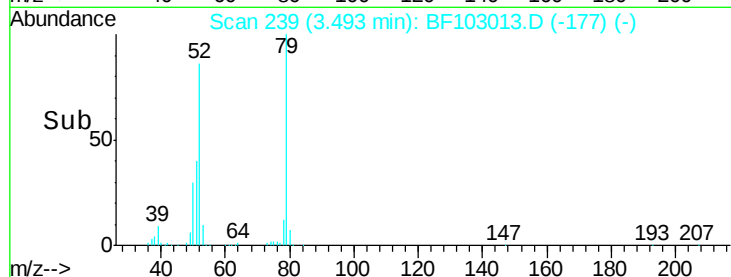
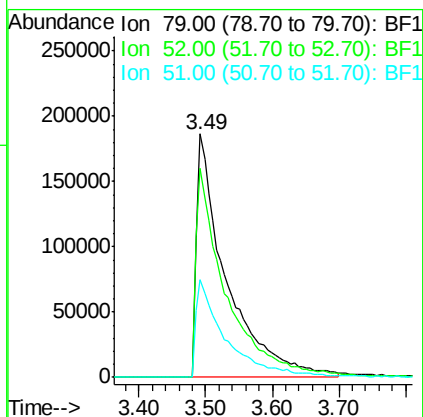
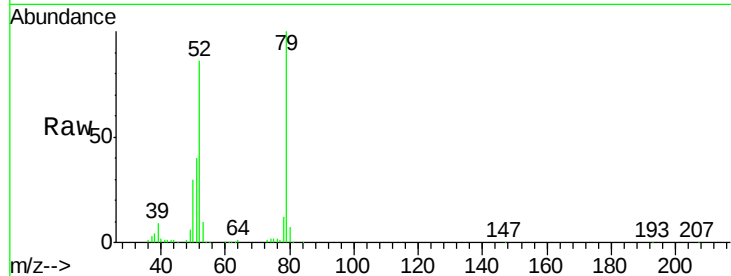
ClientSampleId :

PB106525BS

Tgt Ion:	79	Resp:	565360
Ion	Ratio	Lower	Upper
79	100		
52	86.1	59.8	89.6
51	40.2	29.8	44.8

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#4

n-Nitrosodimethylamine

Concen: 44.025 ng

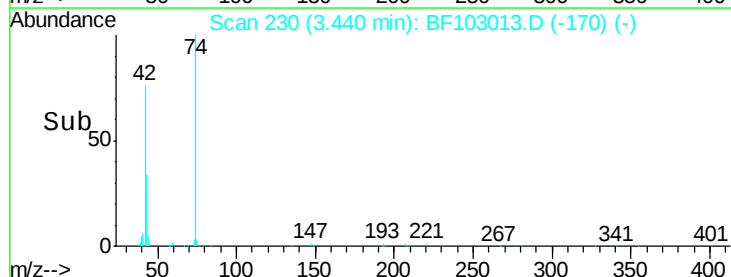
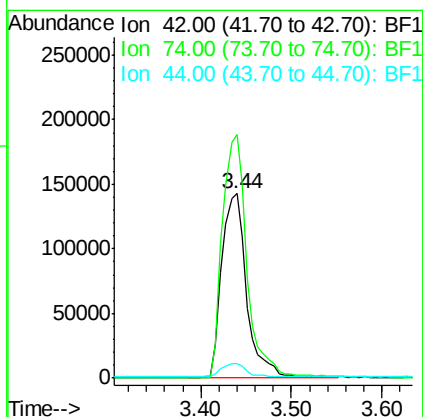
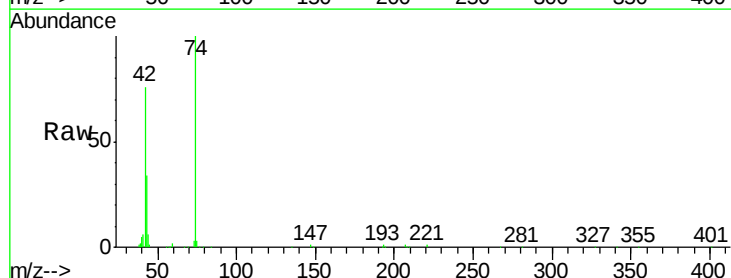
RT: 3.44 min Scan# 230

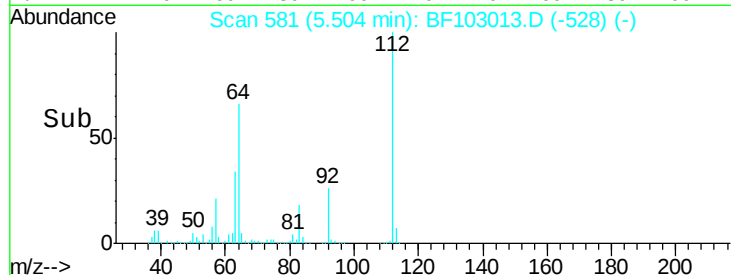
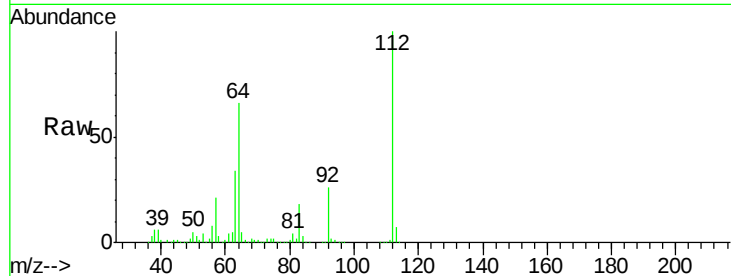
Delta R.T. 0.05 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	42	Resp:	274303
Ion	Ratio	Lower	Upper
42	100		
74	132.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 120.971 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	112	Resp:	1290921
Ion Ratio	Lower	Upper	
112	100		
64	66.3	47.9	71.9
63	34.3	23.7	35.5

Instrument :

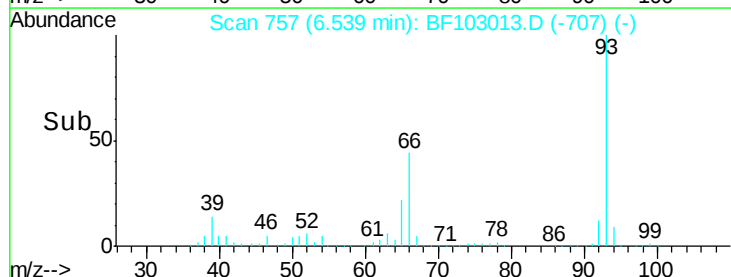
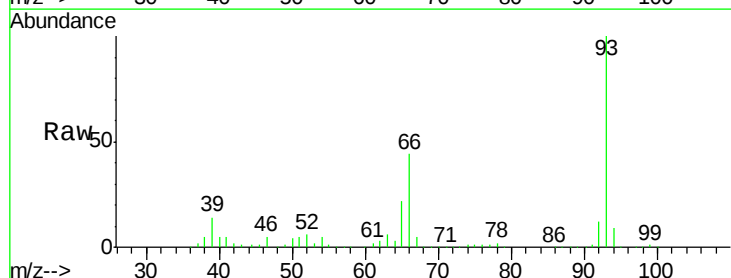
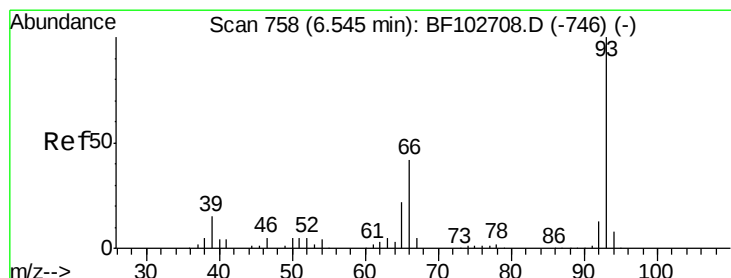
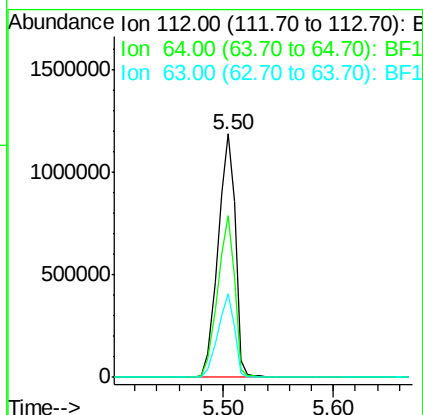
BNA_F

ClientSampleId :

PB106525BS

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#6

Aniline

Concen: 24.479 ng

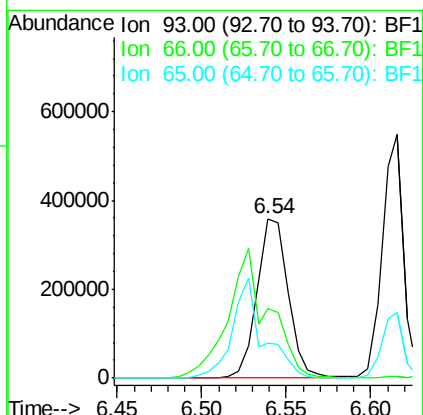
RT: 6.54 min Scan# 757

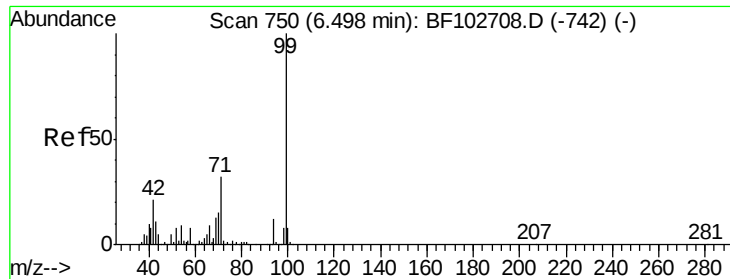
Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	93	Resp:	464500
Ion Ratio	Lower	Upper	
93	100		
66	43.9	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 121.689 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106525BS

Tgt Ion: 99 Resp: 1563583

Ion Ratio Lower Upper

99 100

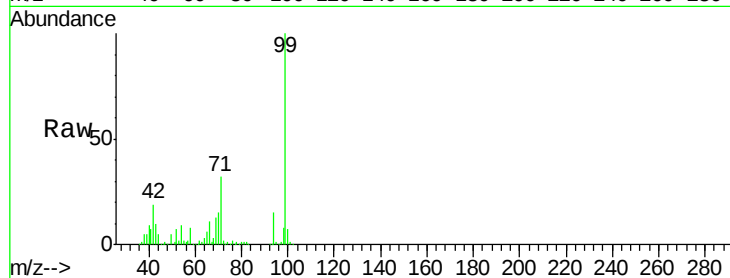
42 19.0 14.5 21.7

71 32.4 25.4 38.0

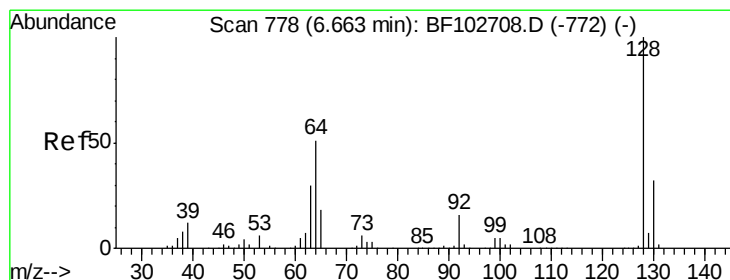
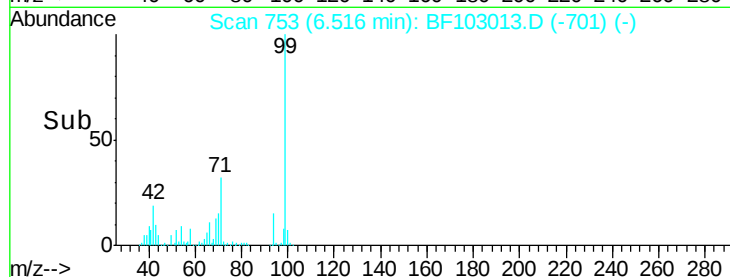
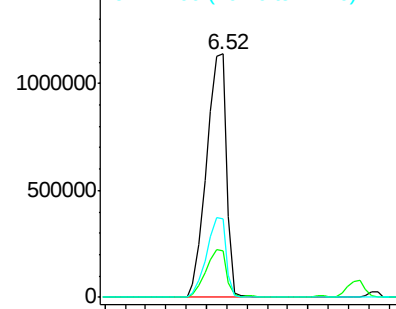
Manual Integrations
APPROVED

Sohil

2/16/2018 2:31:11 PM



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



#8

2-Chlorophenol

Concen: 44.573 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

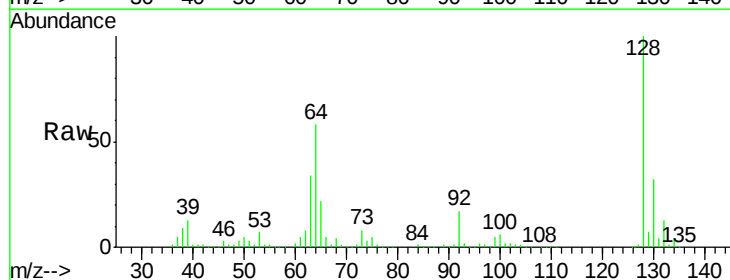
Tgt Ion: 128 Resp: 489688

Ion Ratio Lower Upper

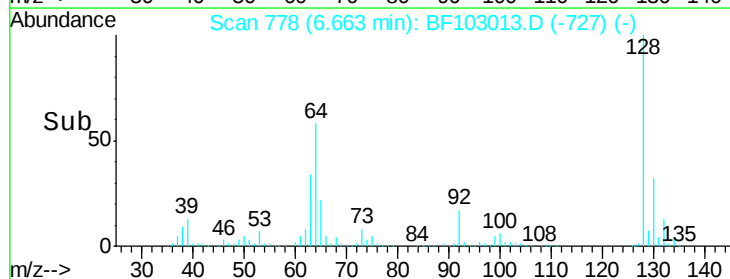
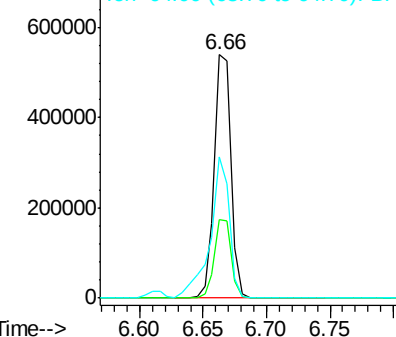
128 100

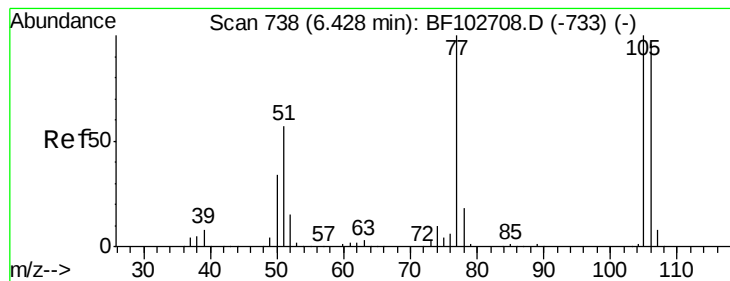
130 32.4 13.0 53.0

64 58.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 12.363 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

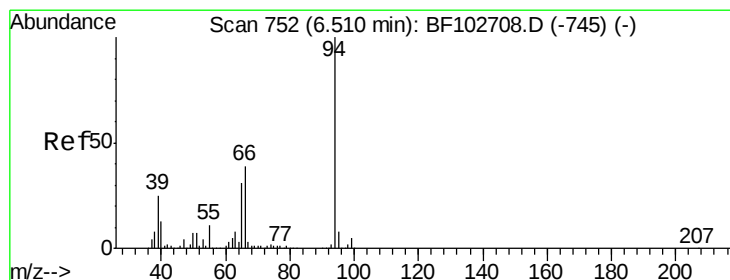
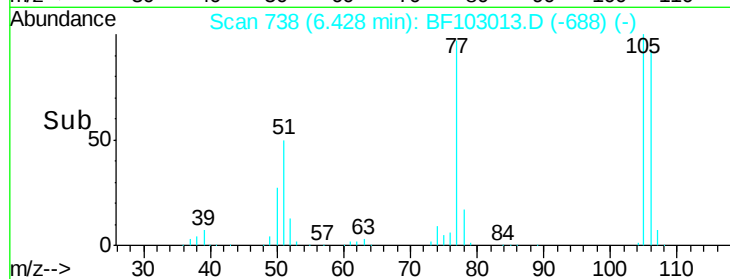
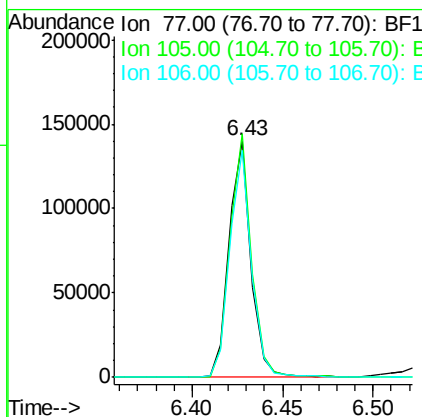
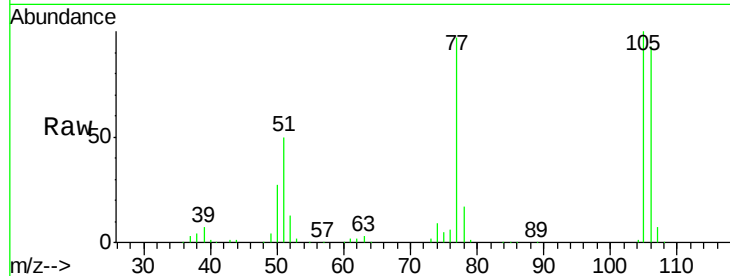
ClientSampleId :

PB106525BS

Tgt Ion:	77	Resp:	117969
Ion	Ratio	Lower	Upper
77	100		
105	103.1	81.1	121.1
106	96.2	74.5	114.5

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#10

Phenol

Concen: 45.243 ng

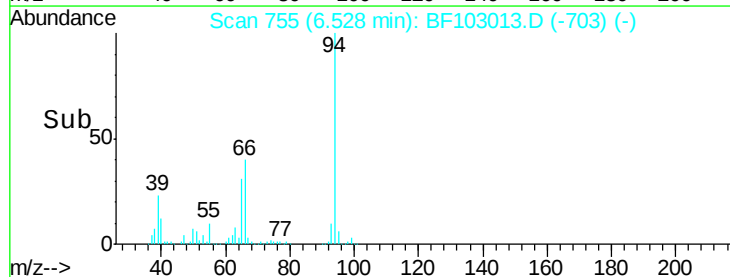
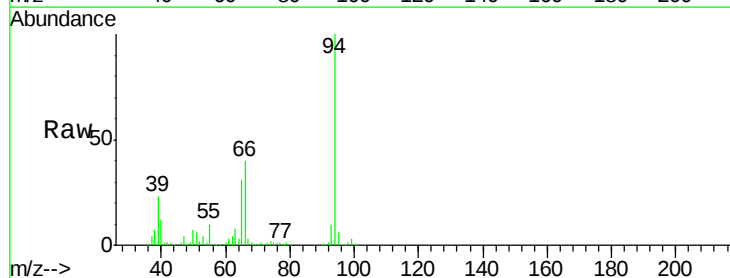
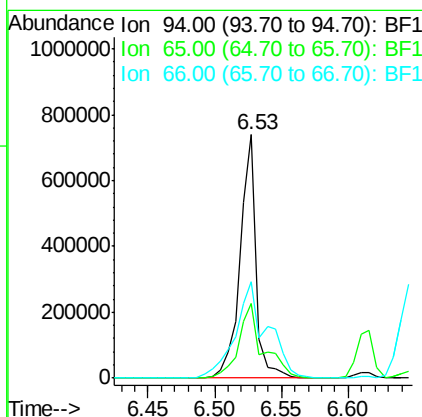
RT: 6.53 min Scan# 755

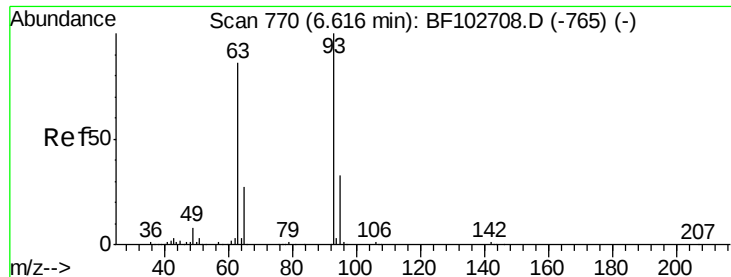
Delta R.T. 0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	94	Resp:	622993
Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	39.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.430 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106525BS

Tgt Ion: 93 Resp: 474711

Ion Ratio Lower Upper

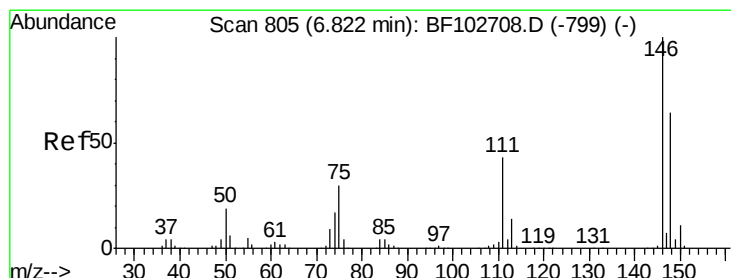
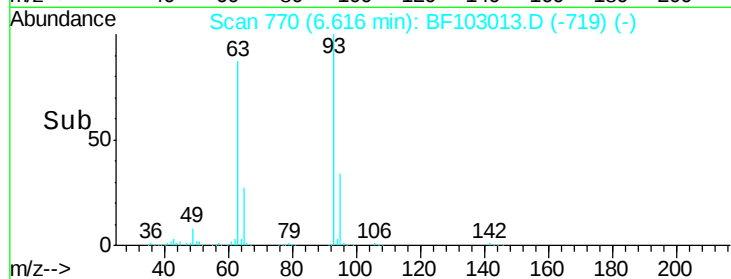
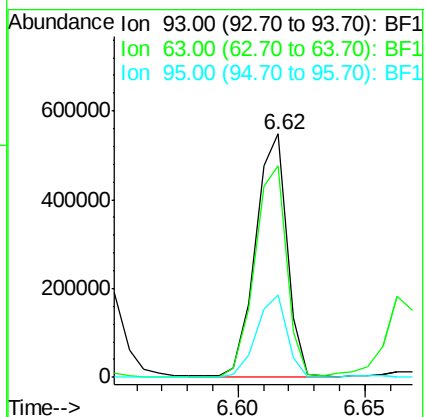
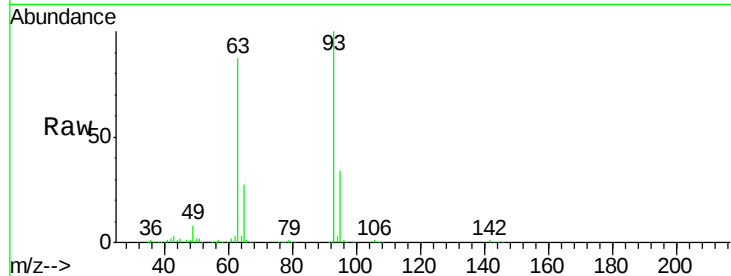
93 100

63 86.8 58.6 98.6

95 33.7 11.8 51.8

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#12

1,3-Dichlorobenzene

Concen: 39.681 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

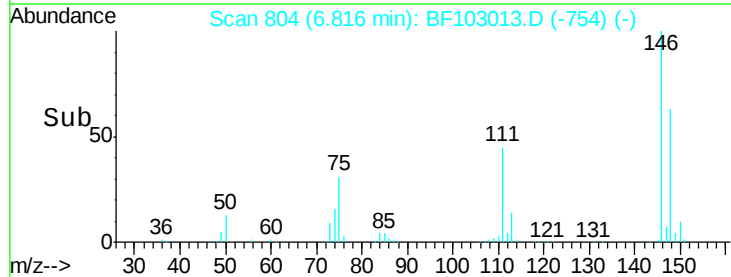
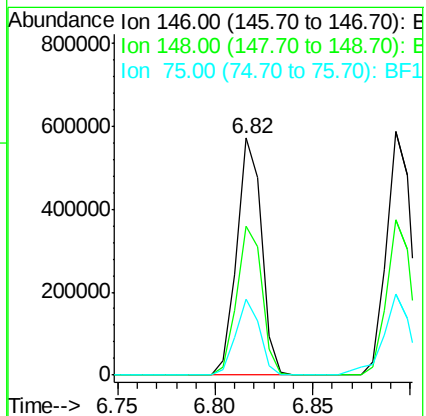
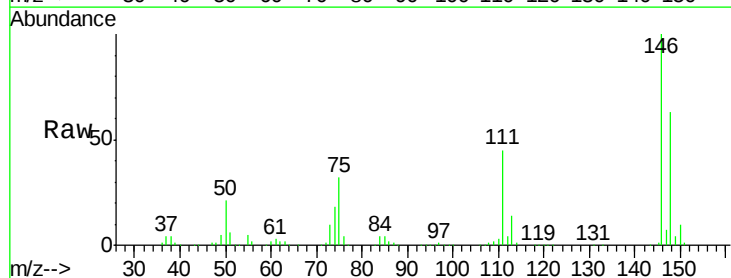
Tgt Ion: 146 Resp: 504837

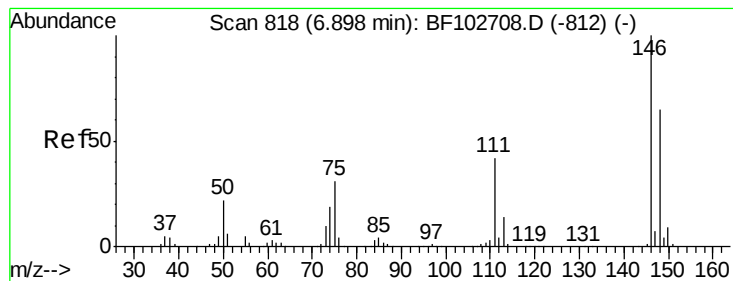
Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.8

75 32.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.510 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

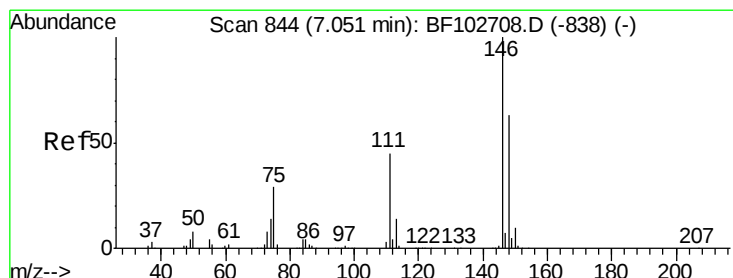
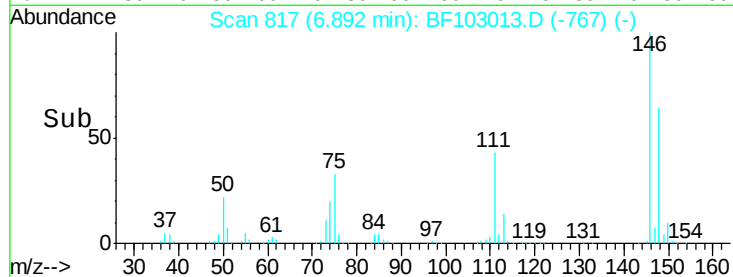
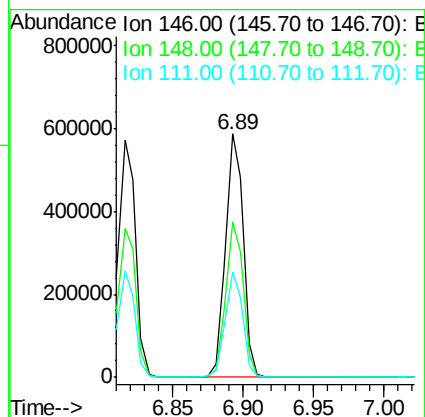
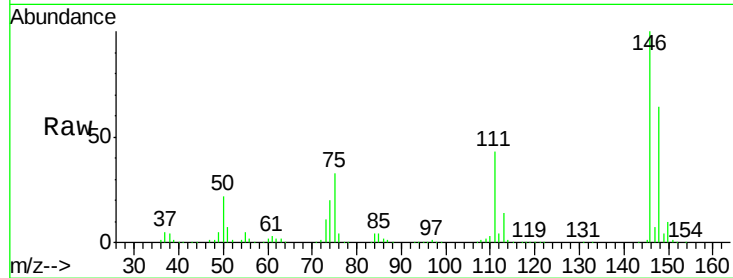
ClientSampleId :

PB106525BS

Tgt Ion:	146	Resp:	513388
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	43.0	34.2	51.2

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#14

1,2-Dichlorobenzene

Concen: 39.631 ng

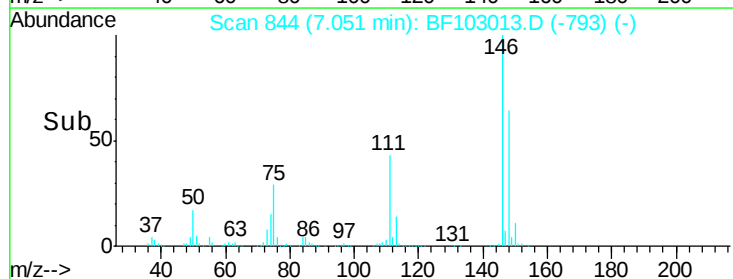
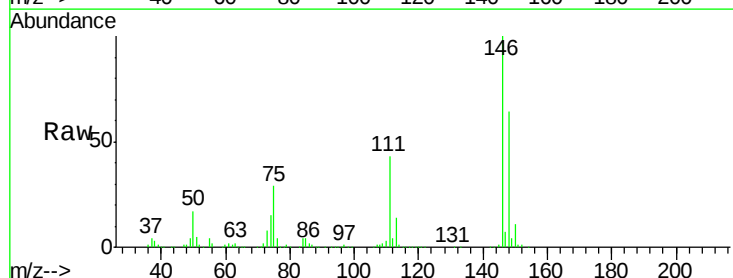
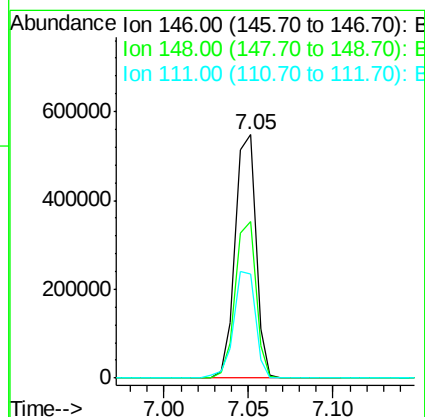
RT: 7.05 min Scan# 844

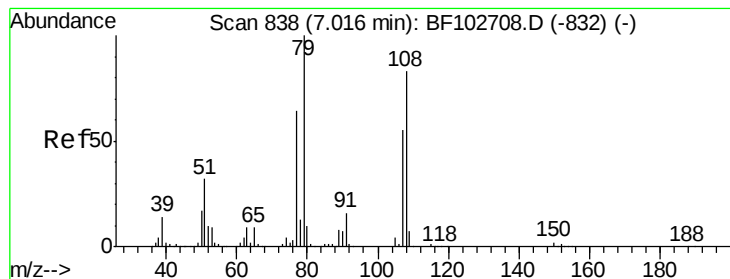
Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	146	Resp:	467807
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.804 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

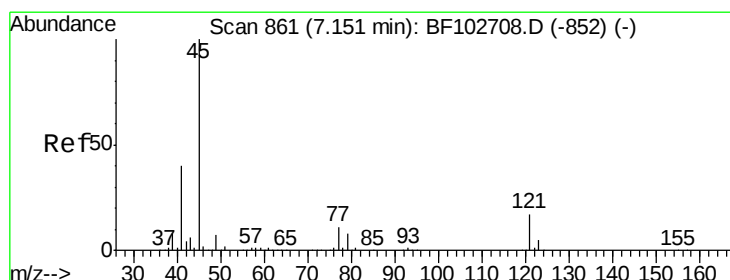
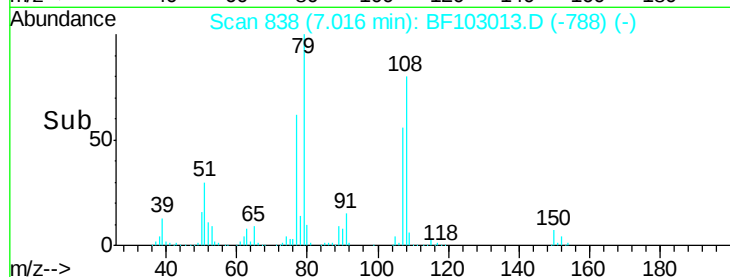
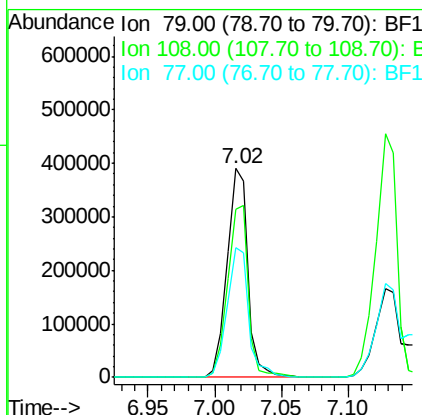
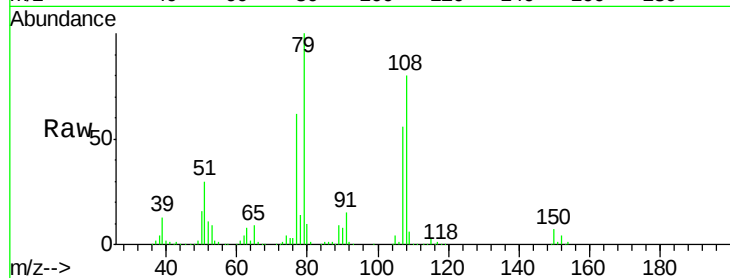
ClientSampleId :

PB106525BS

Tgt Ion:	79	Resp:	432721
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.1	97.7
77	62.0	50.6	75.8

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.093 ng

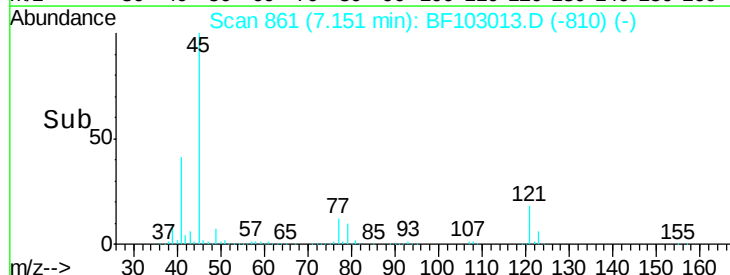
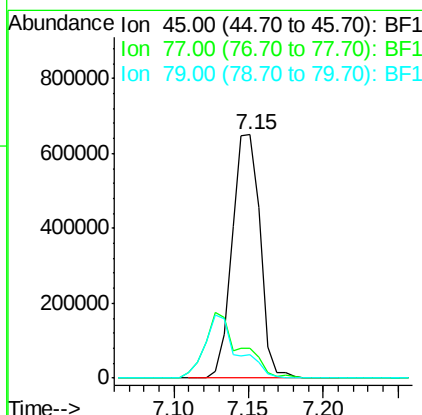
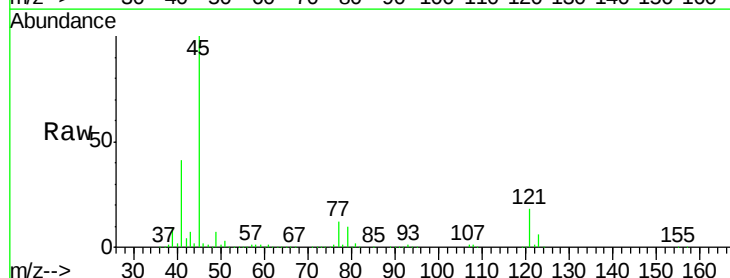
RT: 7.15 min Scan# 861

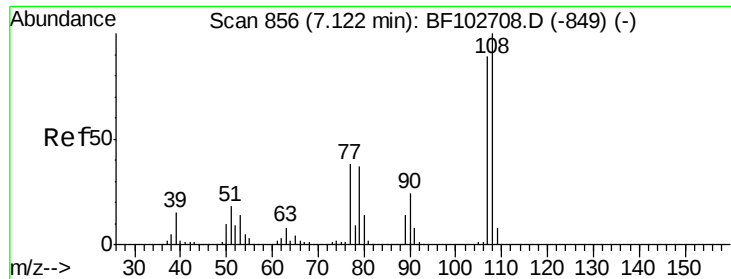
Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	45	Resp:	850907
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	9.6	0.0	29.6





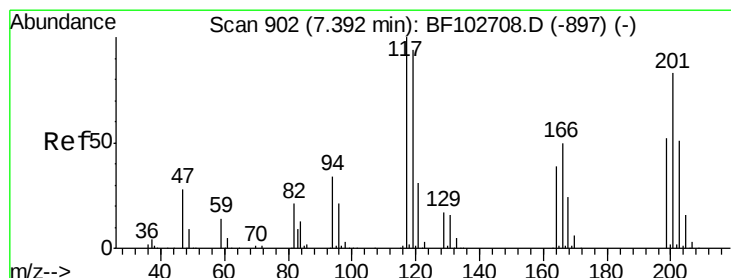
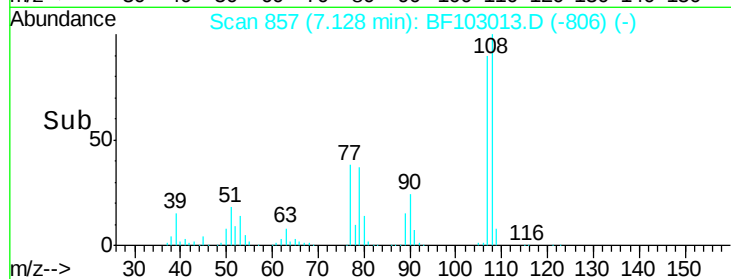
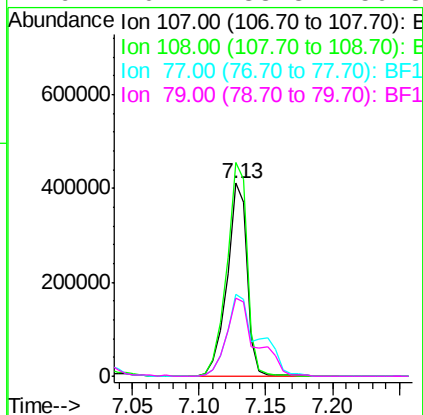
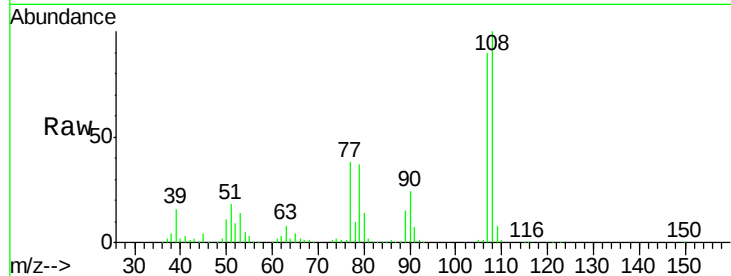
#17
2-Methylphenol
Concen: 43.116 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	436931		
108	110.8	91.7	137.5	
77	42.6	33.8	50.8	
79	40.7	33.8	50.8	

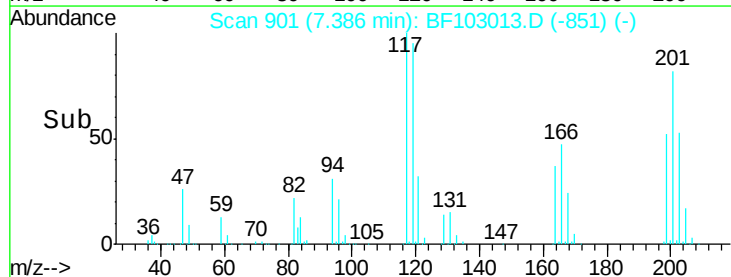
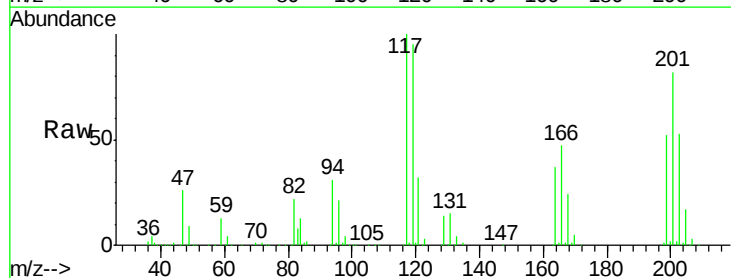
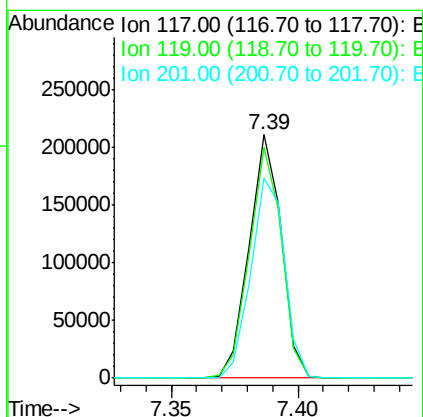
Manual Integrations
APPROVED

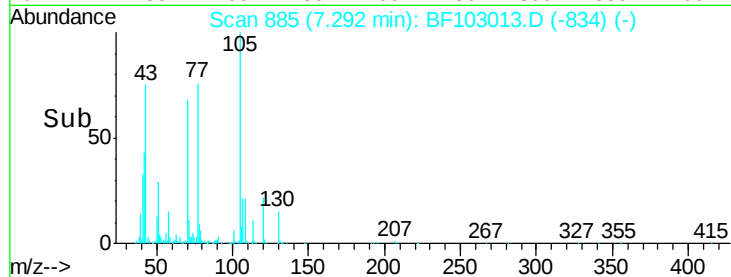
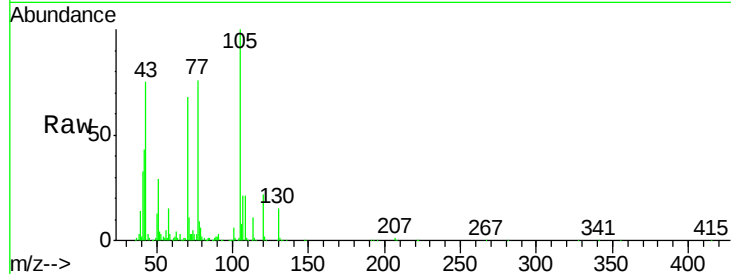
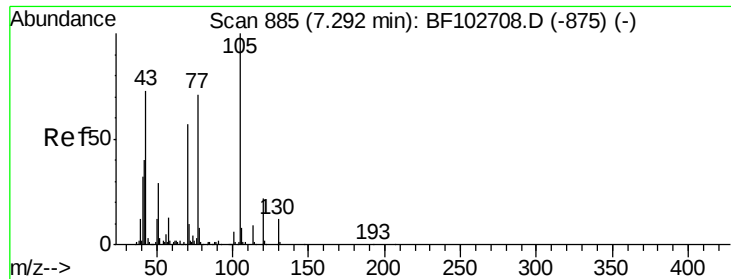
Sohil
2/16/2018 2:31:11 PM



#18
Hexachloroethane
Concen: 42.894 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	186408		
119	94.8	75.8	113.8	
201	81.9	75.7	113.5	





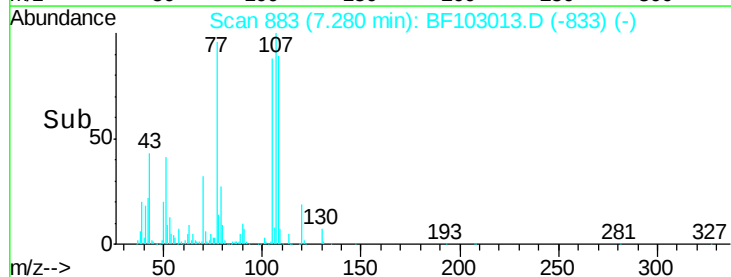
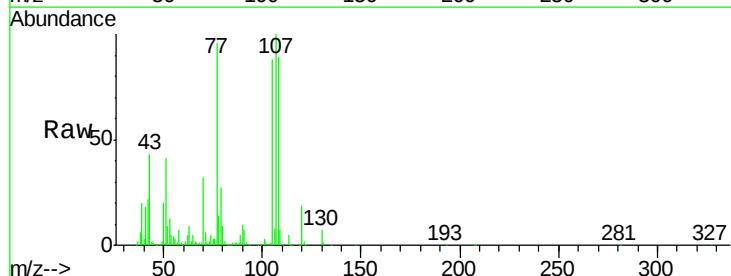
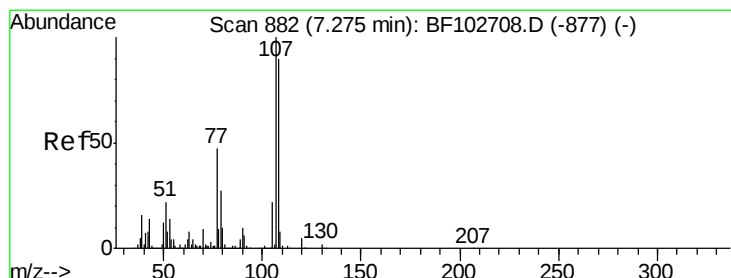
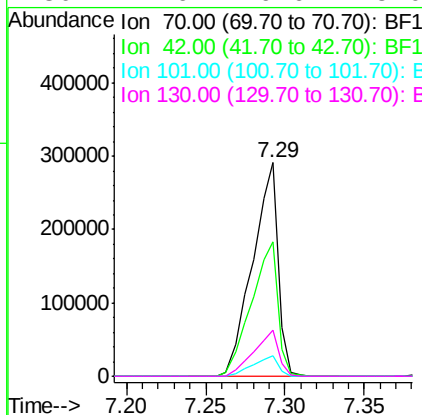
#19
n-Nitroso-di-n-propylamine
Concen: 38.847 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	329096		
42	62.7	47.5	71.3	
101	9.5	7.4	11.2	
130	21.6	16.6	25.0	

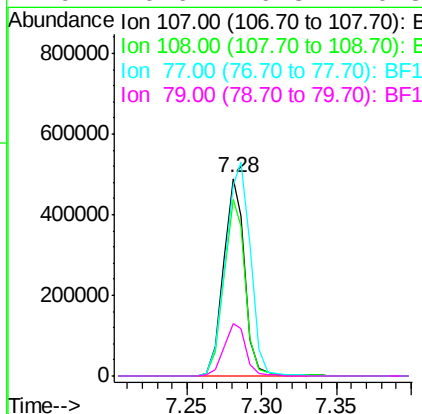
Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#20
3+4-Methylphenols
Concen: 39.272 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	490779		
108	89.3	68.2	108.2	
77	96.3	26.7	66.7#	
79	26.6	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

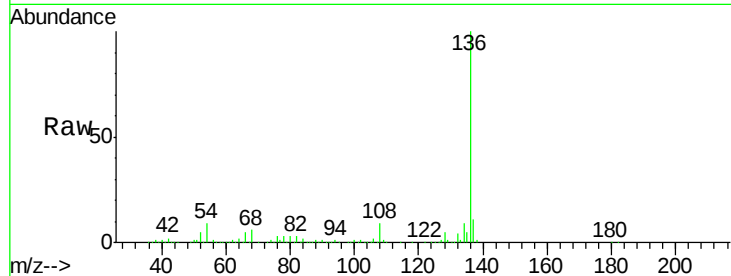
ClientSampleId :

PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	696835		
137	11.0	8.9	13.3	
54	9.0	6.6	9.8	
68	6.5	5.0	7.4	

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM

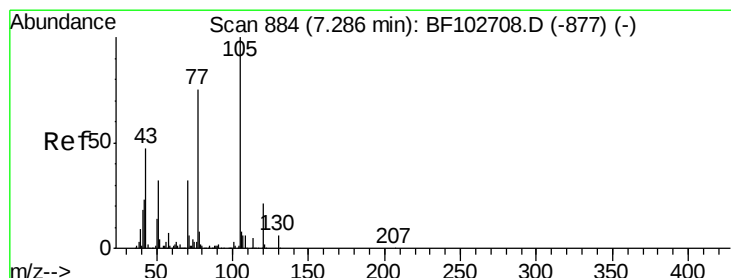
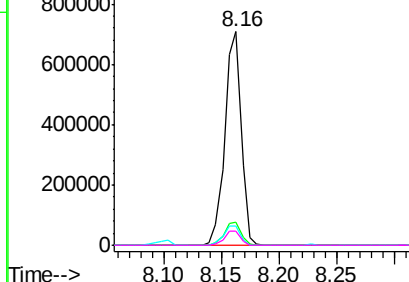
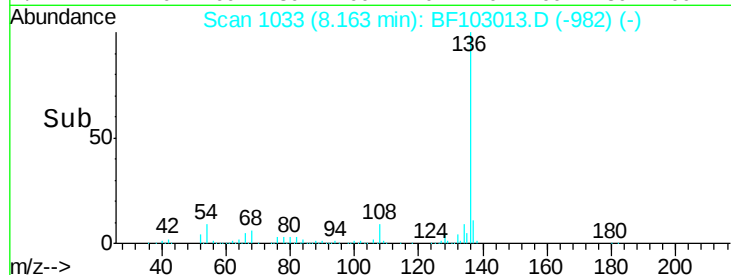


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.036 ng

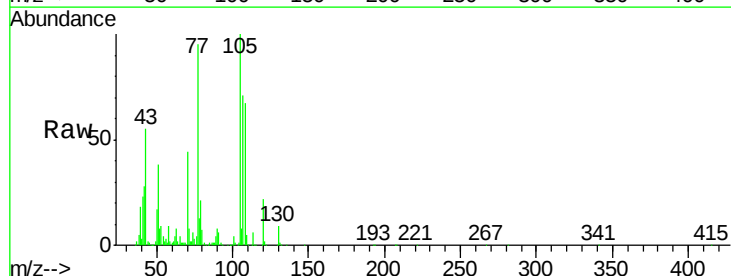
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	648599		
71	7.5	4.4	6.6#	
51	38.4	22.3	33.5#	
120	21.9	16.9	25.3	

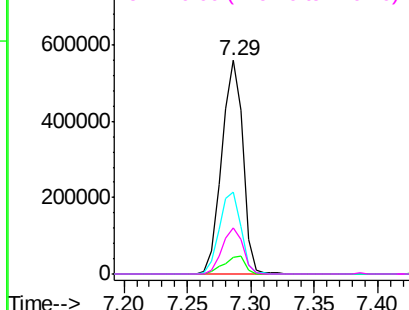
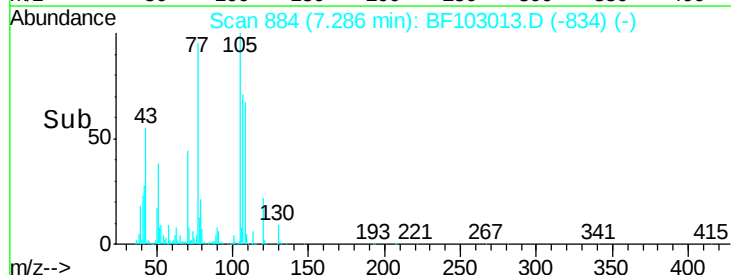


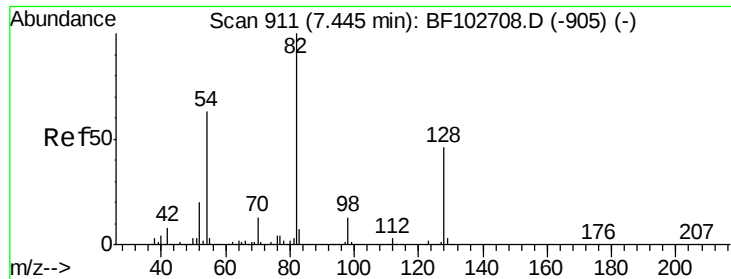
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





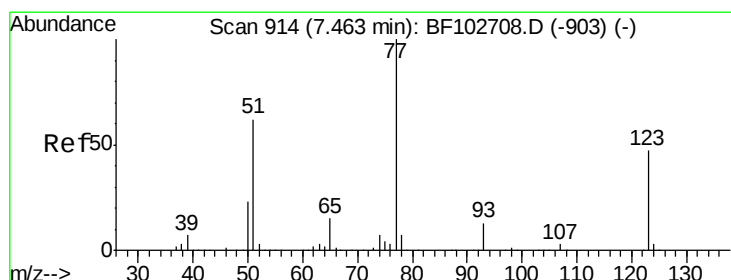
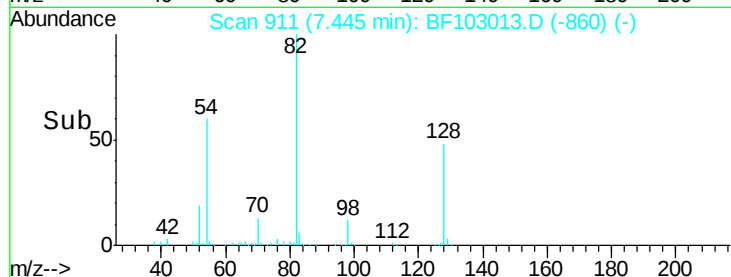
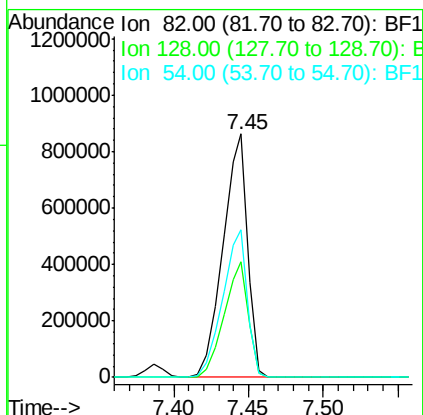
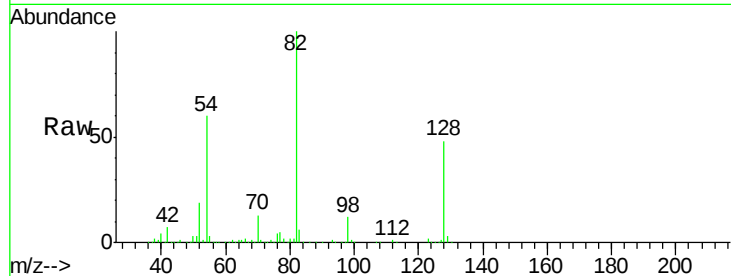
#23
Nitrobenzene-d5
Concen: 99.985 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion: 82 Resp: 1004365
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 60.5 41.4 62.2

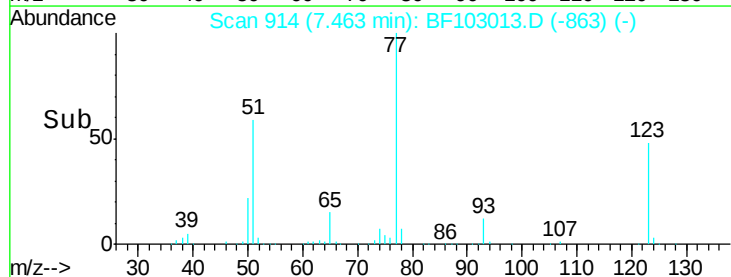
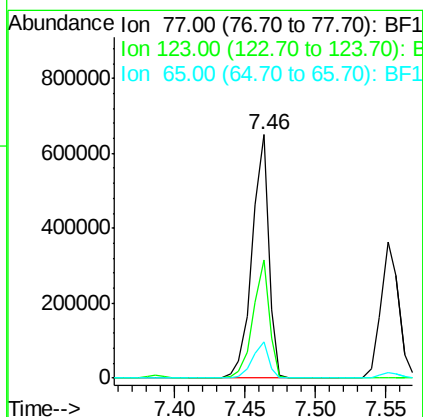
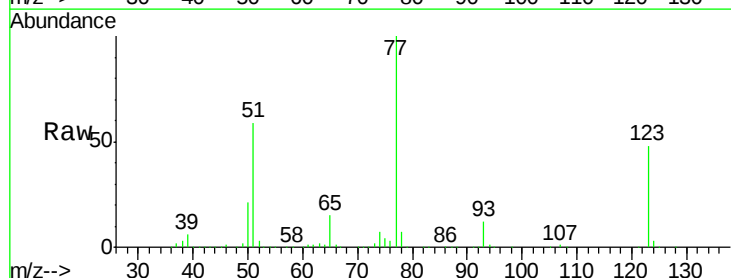
Manual Integrations
APPROVED

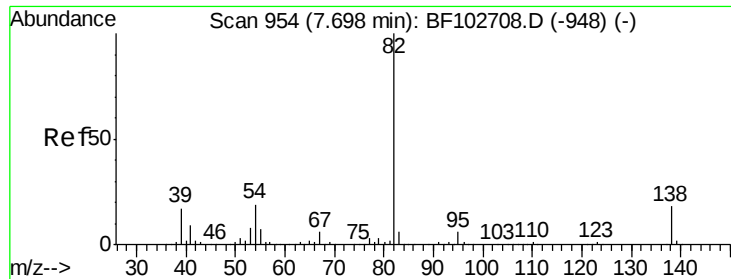
Sohil
2/16/2018 2:31:11 PM



#24
Nitrobenzene
Concen: 45.788 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion: 77 Resp: 541014
Ion Ratio Lower Upper
77 100
123 48.4 37.9 56.9
65 14.6 11.0 16.4





#25

Isophorone

Concen: 43.259 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106525BS

Tgt Ion: 82 Resp: 1000590

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

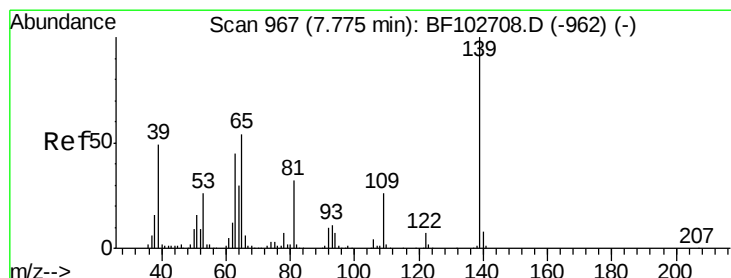
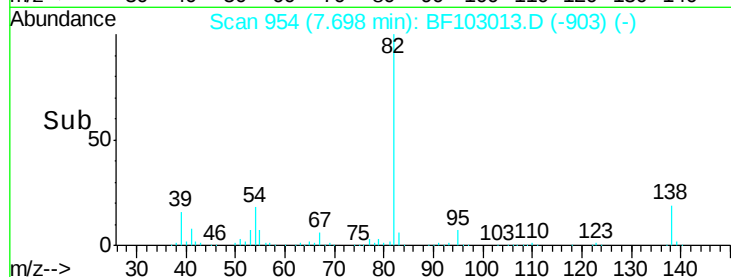
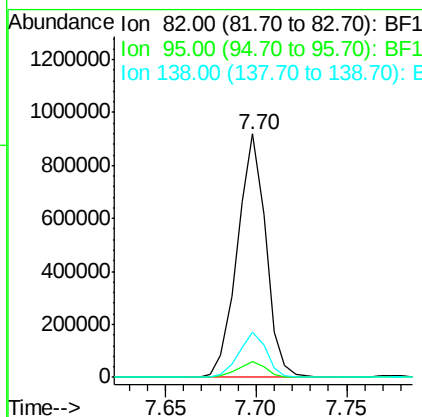
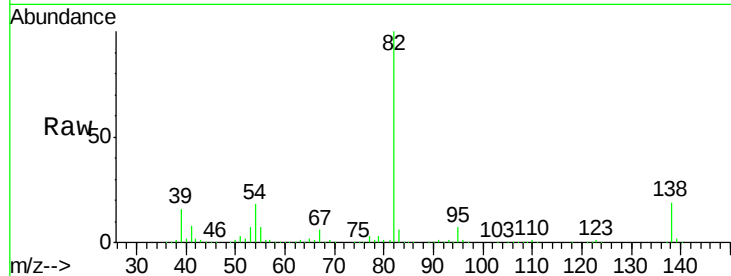
138 18.6 14.9 22.3

Manual Integrations

APPROVED

Sohil

2/16/2018 2:31:11 PM



#26

2-Nitrophenol

Concen: 56.931 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

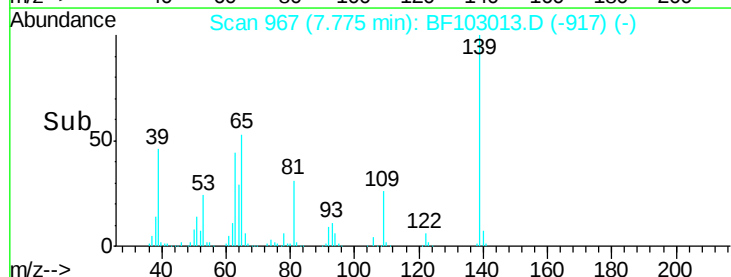
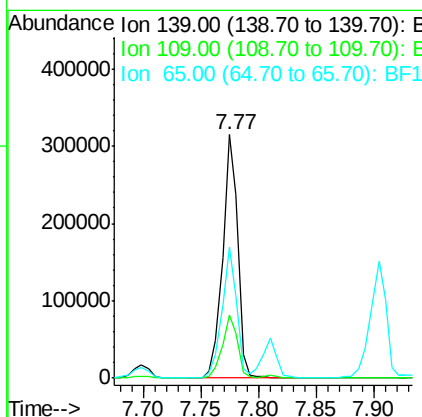
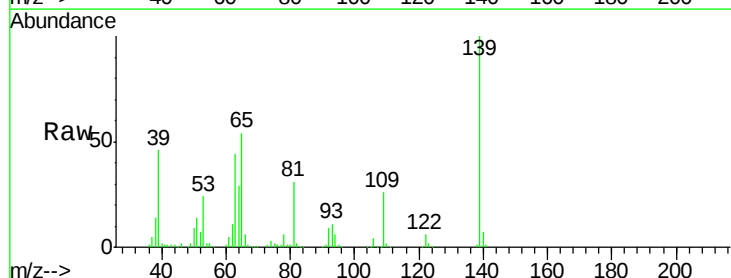
Tgt Ion: 139 Resp: 285913

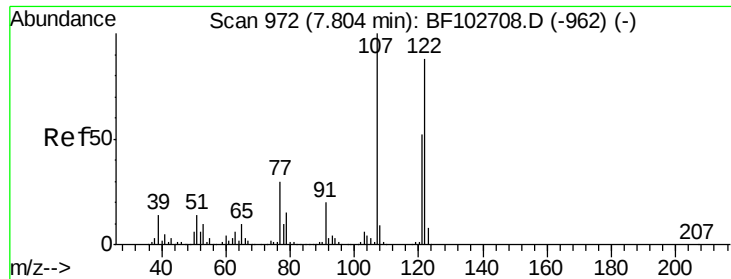
Ion Ratio Lower Upper

139 100

109 25.9 22.7 34.1

65 53.6 40.5 60.7





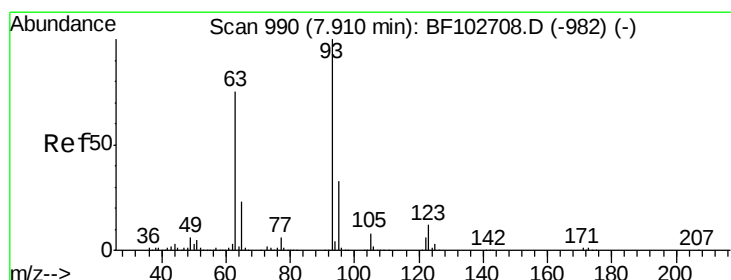
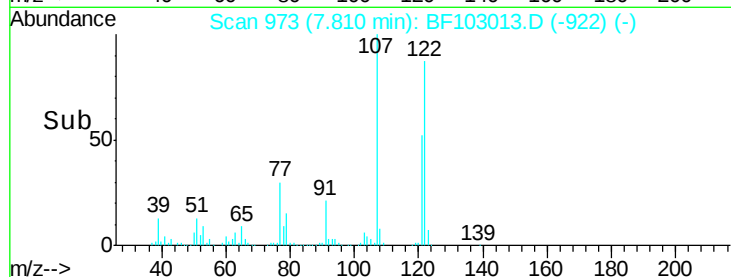
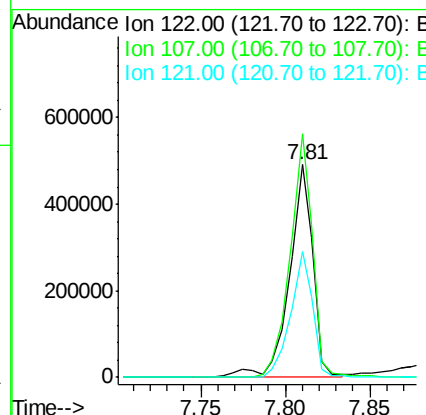
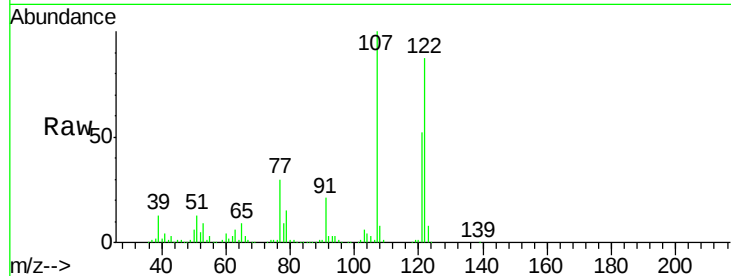
#27
 2,4-Dimethylphenol
 Concen: 48.589 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	474818		
107	114.4	91.2	136.8	
121	59.1	47.2	70.8	

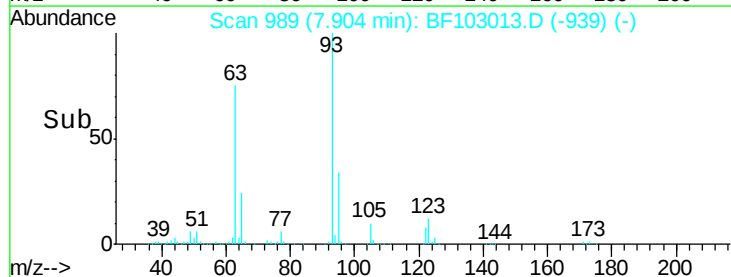
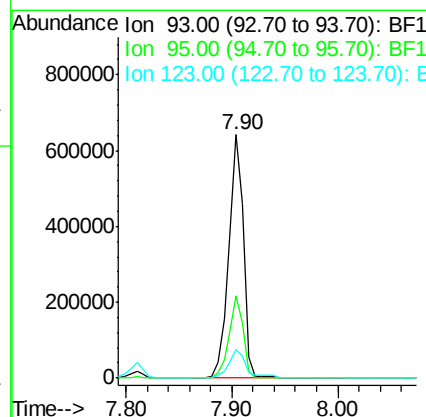
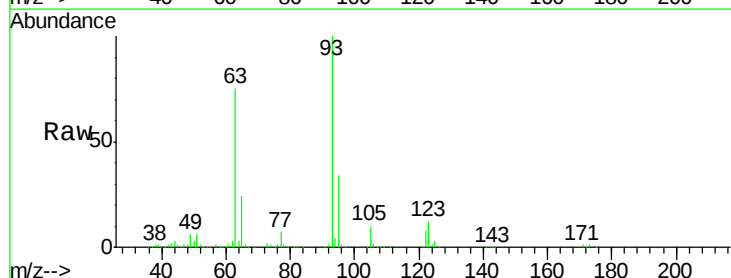
Manual Integrations
 APPROVED

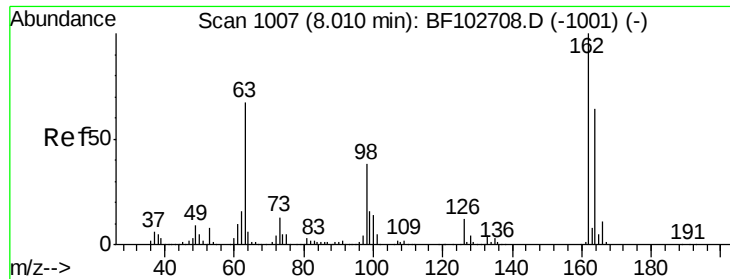
Sohil
 2/16/2018 2:31:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.327 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	621084		
95	33.6	26.3	39.5	
123	11.7	9.8	14.6	





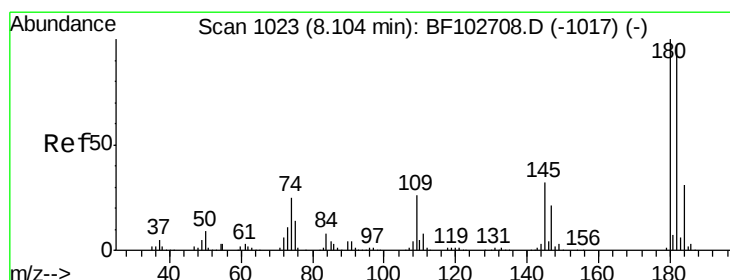
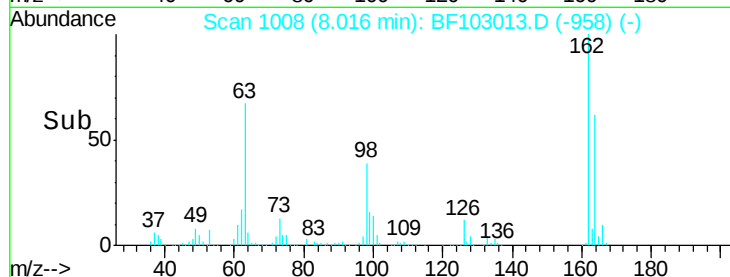
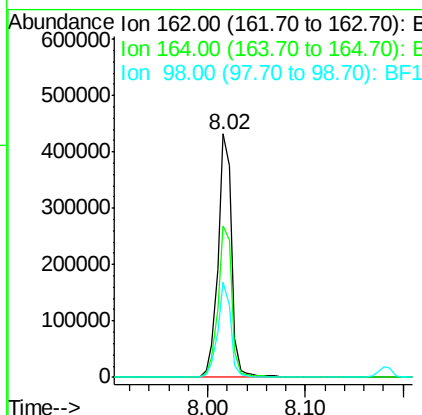
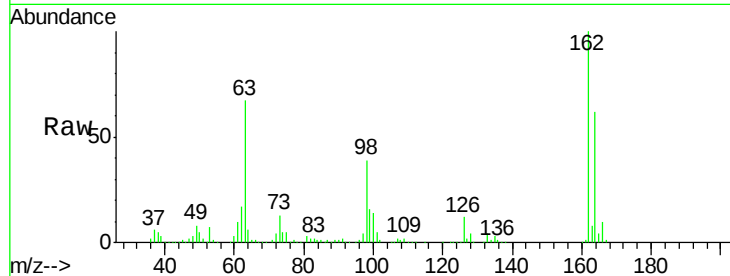
#29
2,4-Dichlorophenol
Concen: 46.981 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	417358		
164	62.2	42.7	82.7	
98	39.0	18.1	58.1	

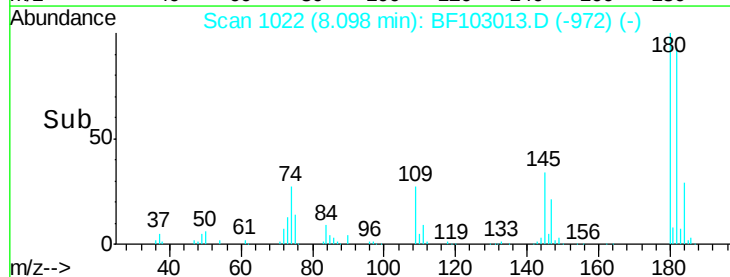
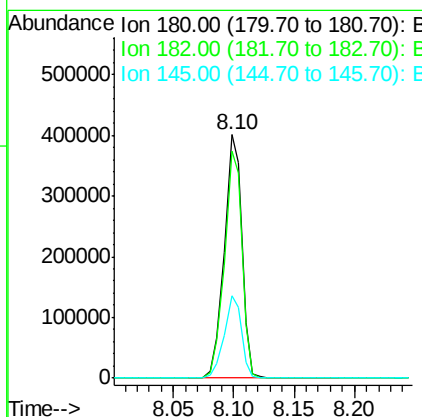
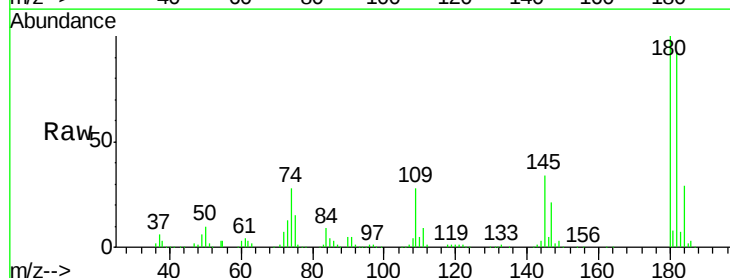
Manual Integrations
APPROVED

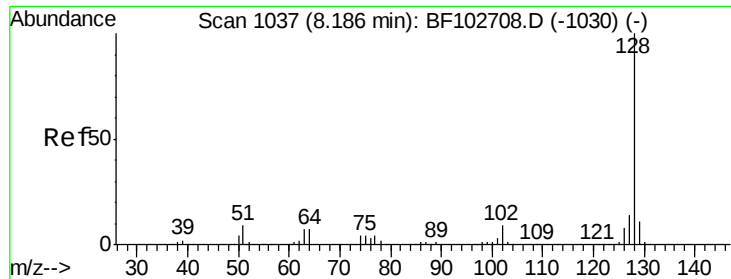
Sohil
2/16/2018 2:31:11 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.231 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	404310		
182	93.1	76.8	115.2	
145	33.6	26.5	39.7	





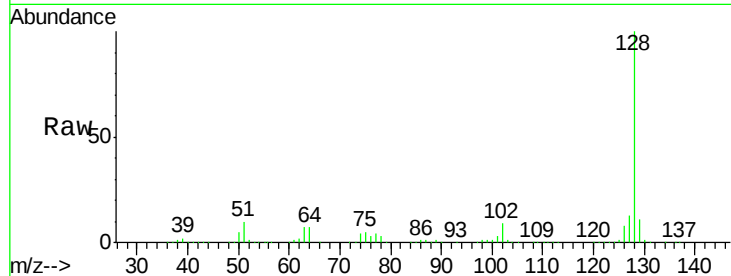
#31
Naphthalene
Concen: 40.590 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

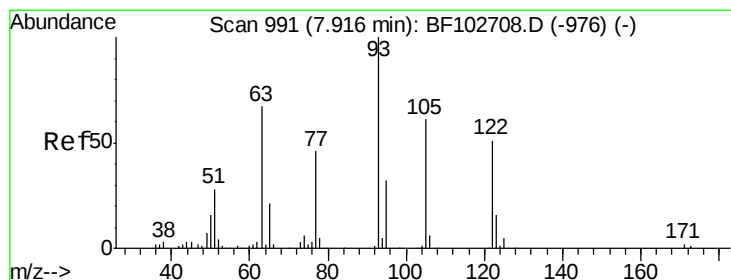
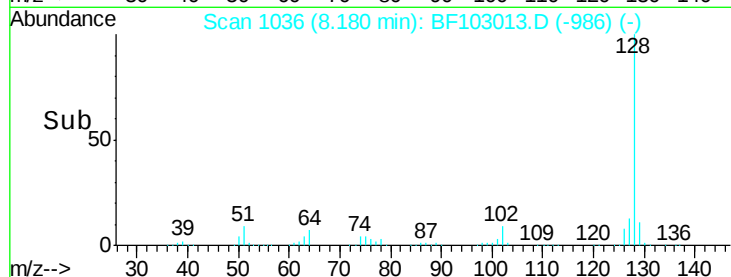
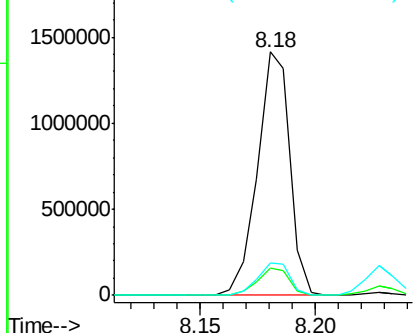
Tgt Ion:128 Resp: 1381925
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM

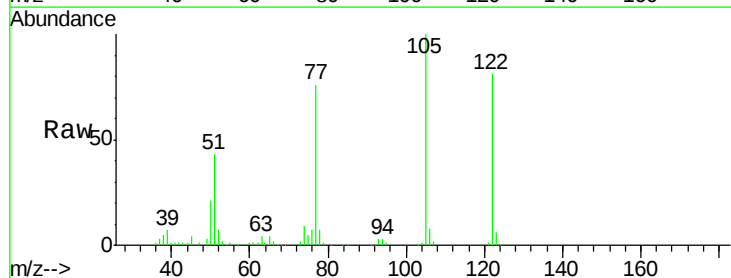


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

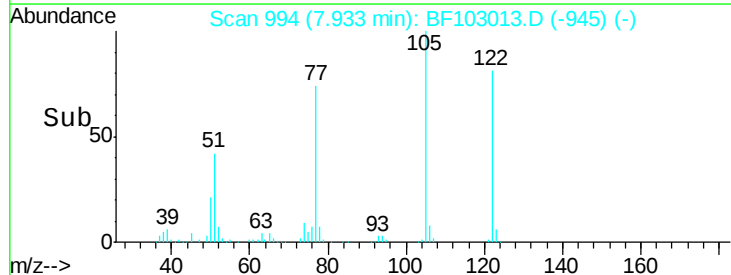
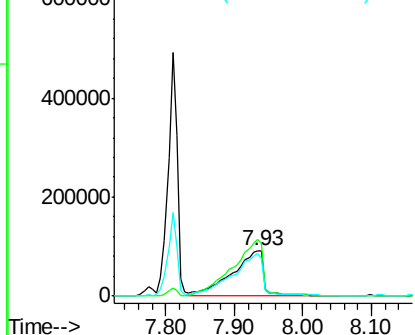


#32
Benzoic acid
Concen: 44.071 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion:122 Resp: 293831
Ion Ratio Lower Upper
122 100
105 123.2 101.1 141.1
77 93.4 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





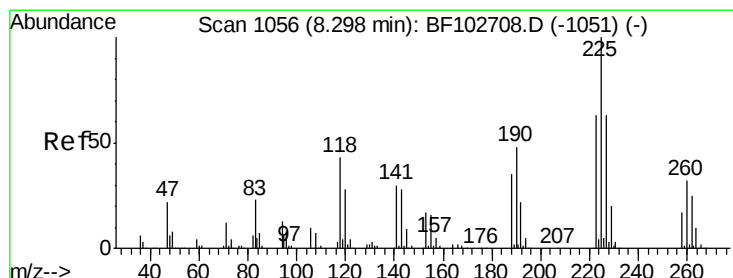
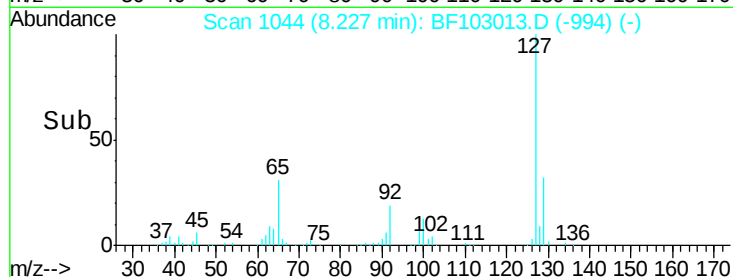
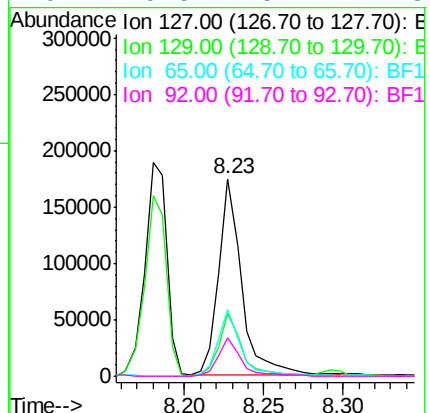
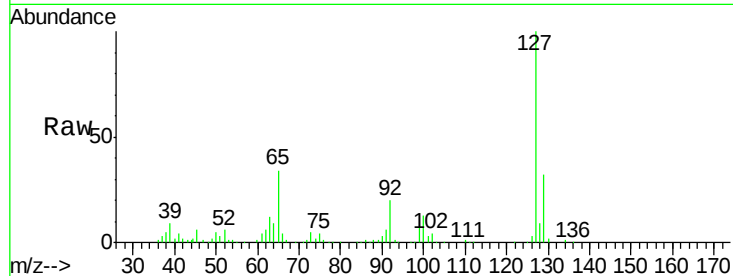
#33
 4-Chloroaniline
 Concen: 12.096 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	177408		
129	31.7	25.9	38.9	
65	33.6	25.0	37.4	
92	19.5	15.2	22.8	

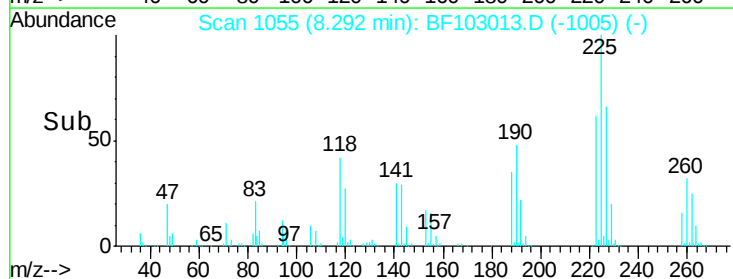
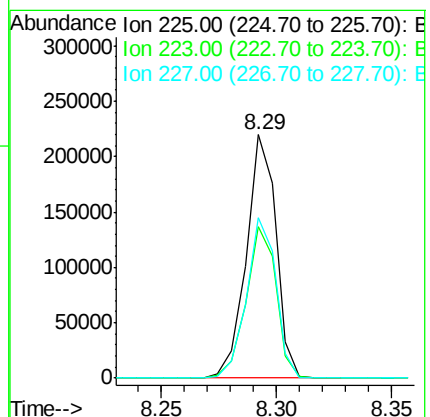
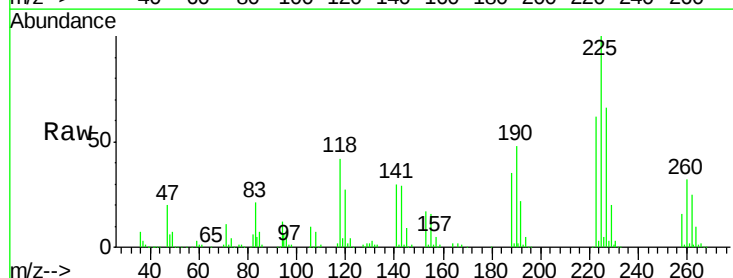
Manual Integrations
 APPROVED

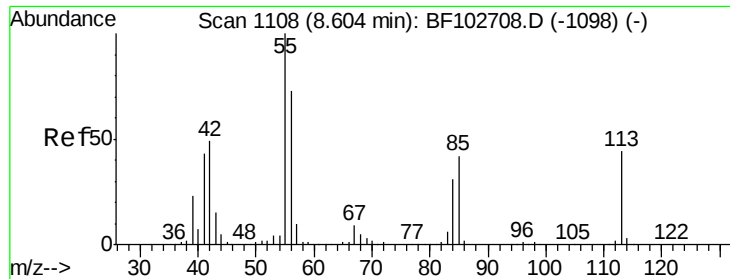
Sohil
 2/16/2018 2:31:11 PM



#34
 Hexachlorobutadiene
 Concen: 38.411 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197805		
223	62.5	50.6	76.0	
227	65.7	51.9	77.9	





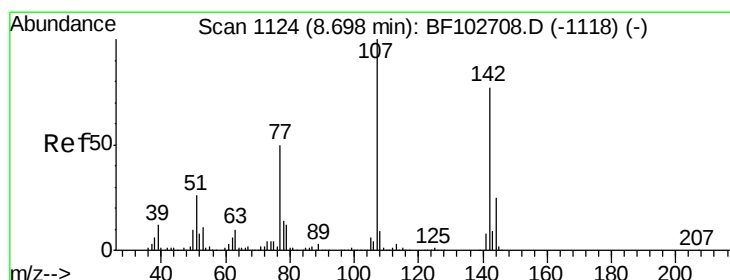
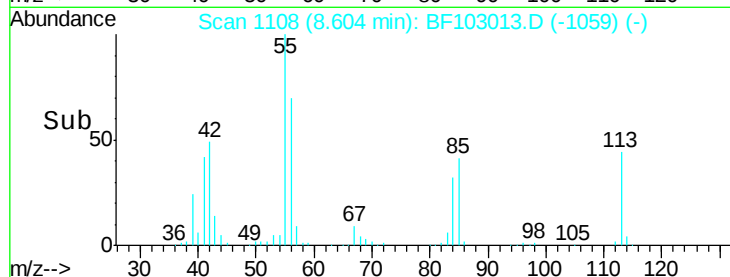
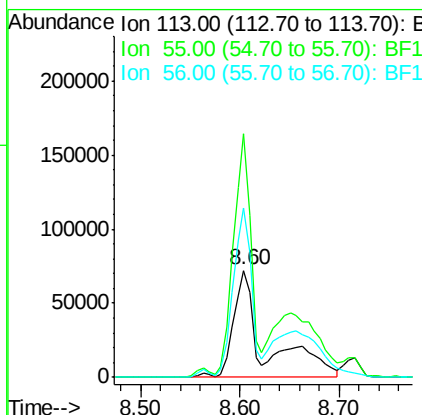
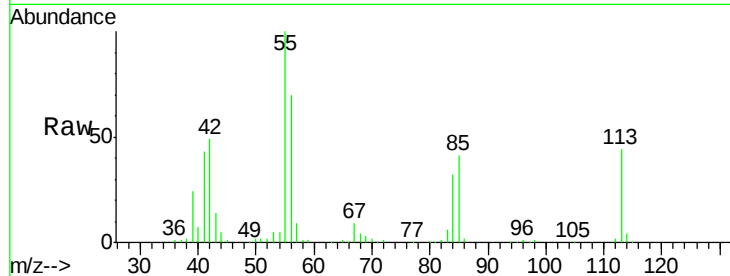
#35
 Caprolactam
 Concen: 51.281 ng m
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.2	163.3	203.3#
56	159.3	115.7	155.7#

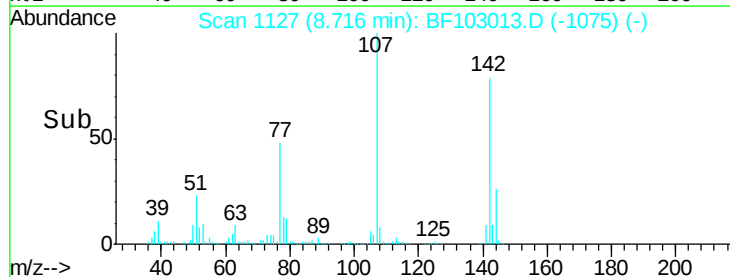
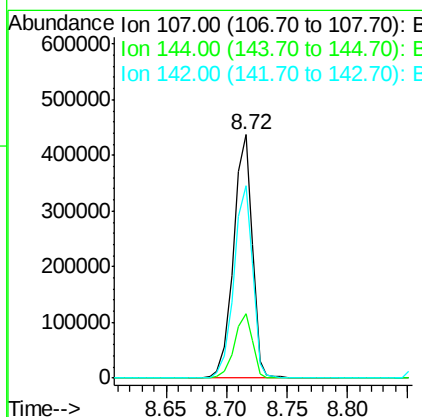
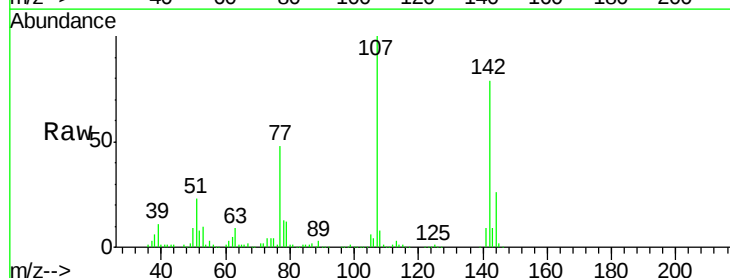
Manual Integrations
 APPROVED

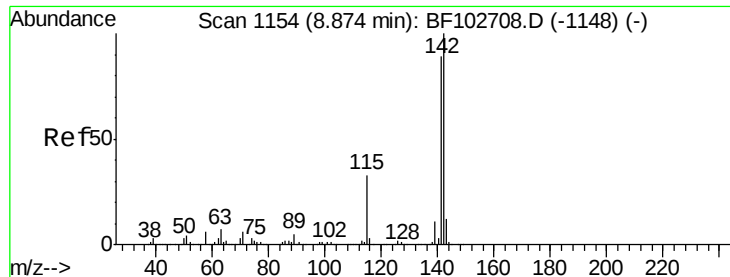
Sohil
 2/16/2018 2:31:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.909 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	79.2	62.0	93.0





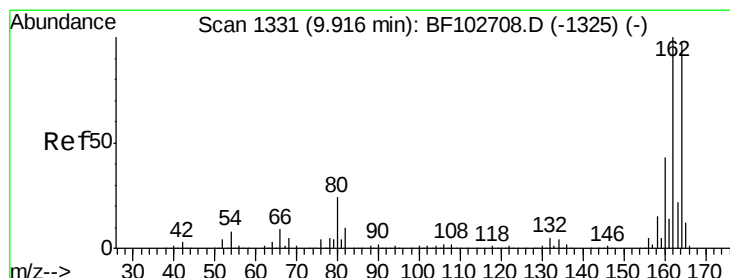
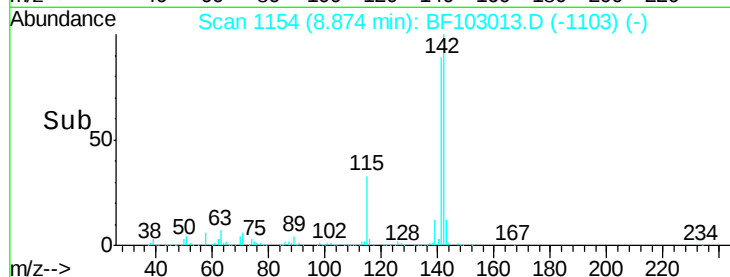
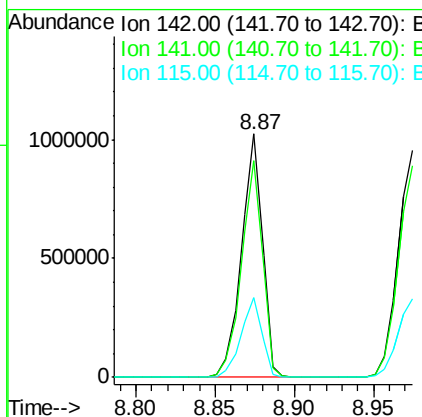
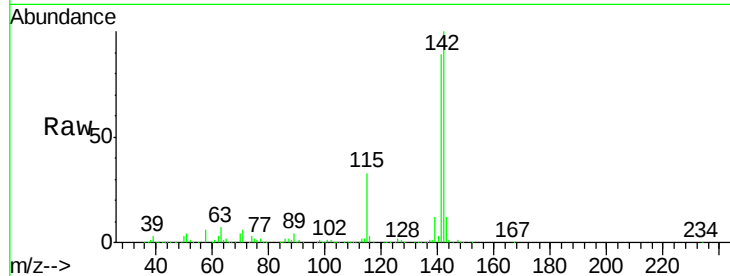
#37
2-Methylnaphthalene
Concen: 41.981 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.0	26.1	39.1

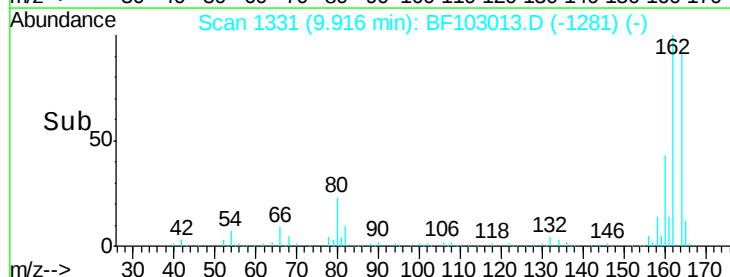
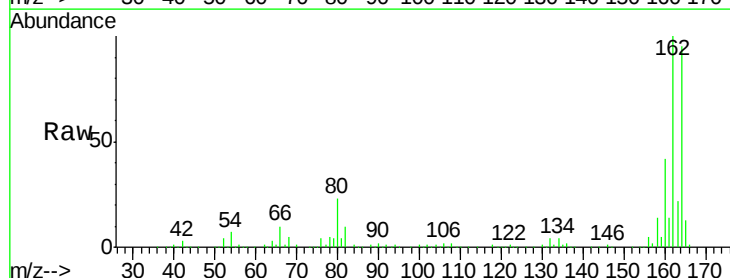
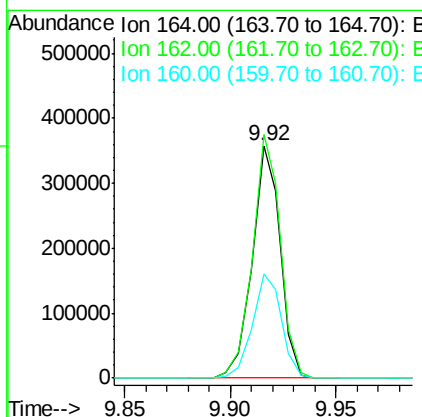
Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	44.5	38.3	57.5





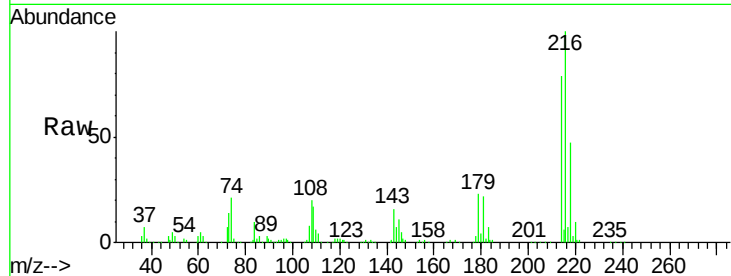
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.306 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

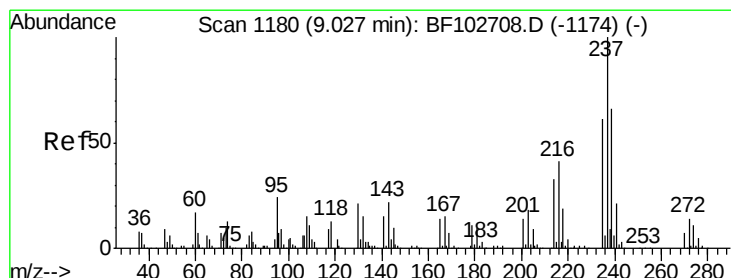
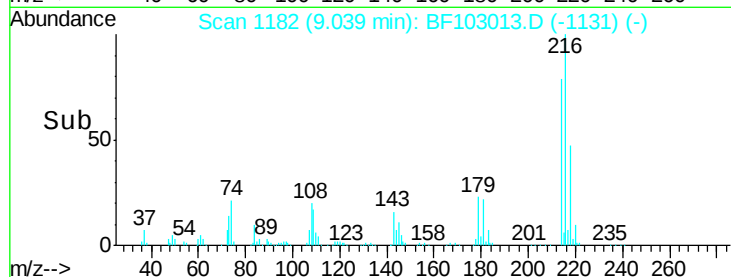
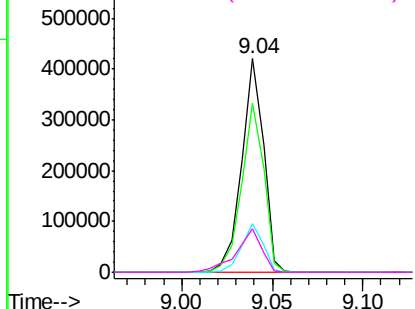
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	351868		
214	80.4	63.0	94.4	
179	22.9	18.1	27.1	
108	23.9	17.2	25.8	

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM

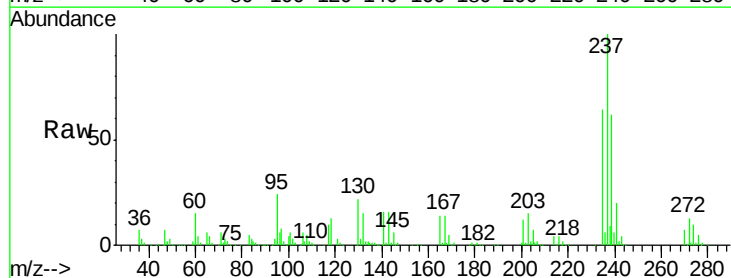


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

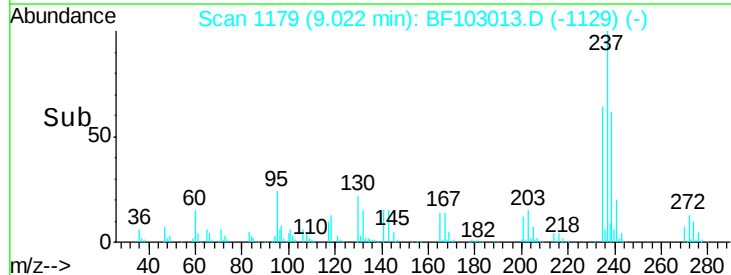
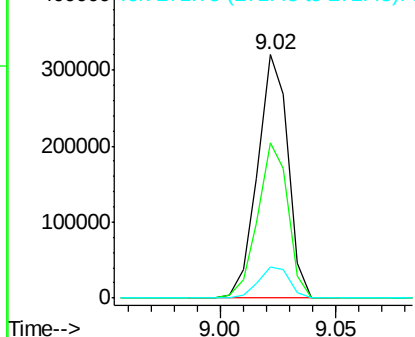


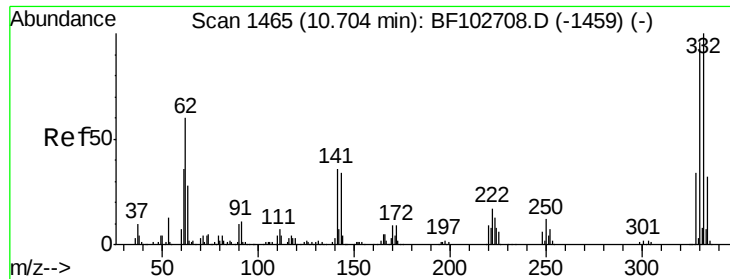
#40
 Hexachlorocyclopentadiene
 Concen: 69.261 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	294742		
235	63.7	44.8	84.8	
272	12.9	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 132.530 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

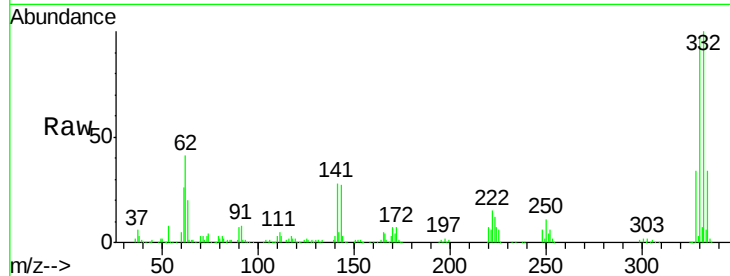
ClientSampleId :

PB106525BS

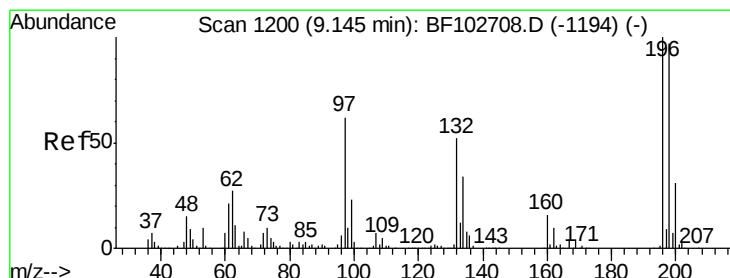
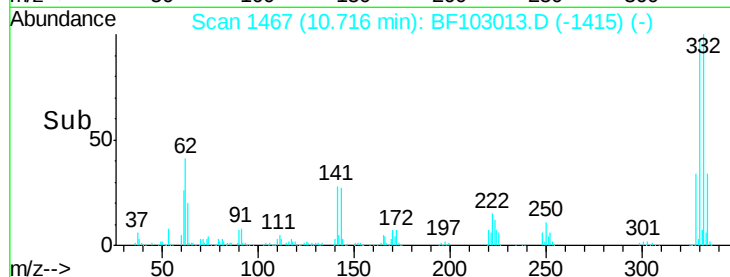
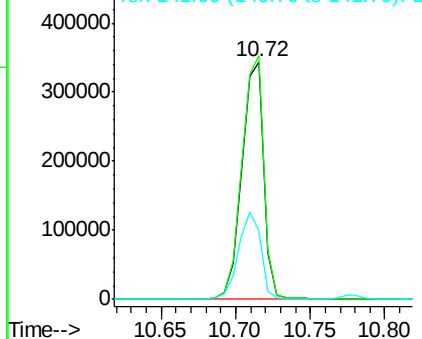
Tgt Ion:	330	Resp:	350705
Ion Ratio	Lower	Upper	
330	100		
332	102.9	77.0	115.6
141	37.8	29.9	44.9

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 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: 45.735 ng

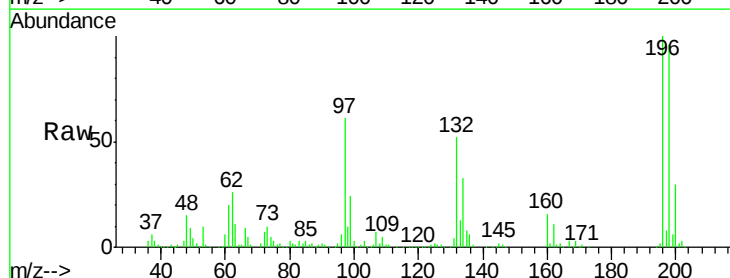
RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

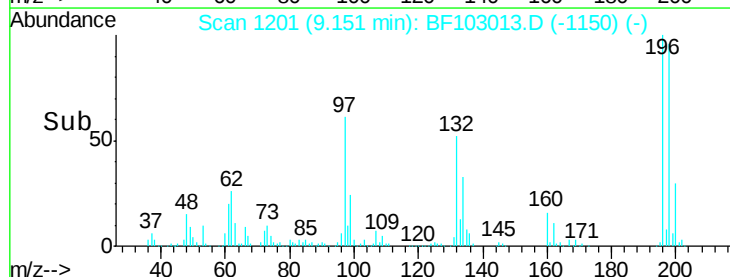
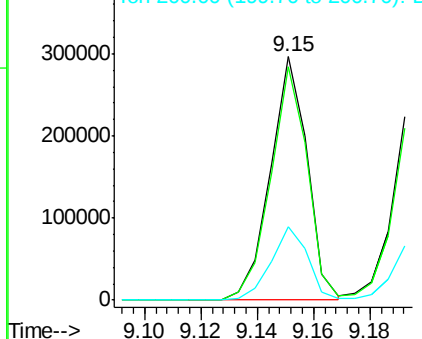
Lab File: BF103013.D

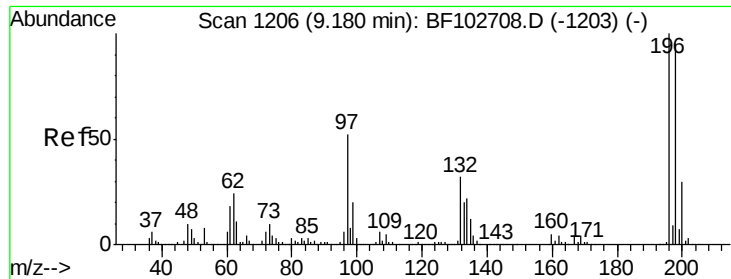
Acq: 15 Feb 2018 13:09

Tgt Ion:	196	Resp:	268913
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
200	30.4	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





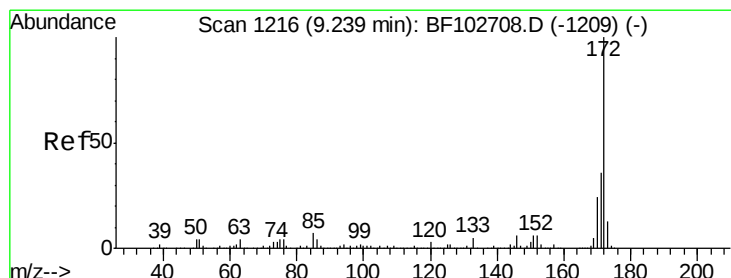
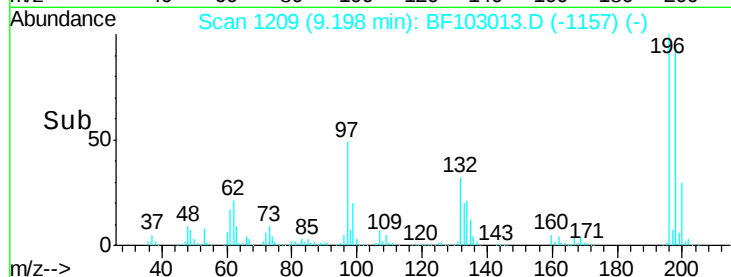
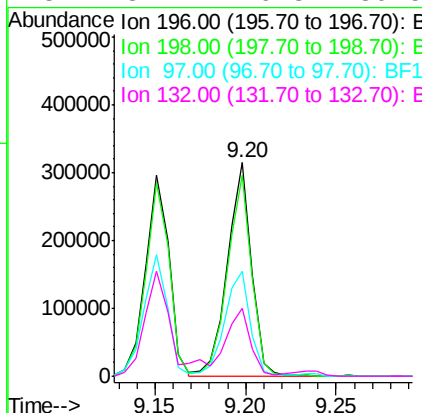
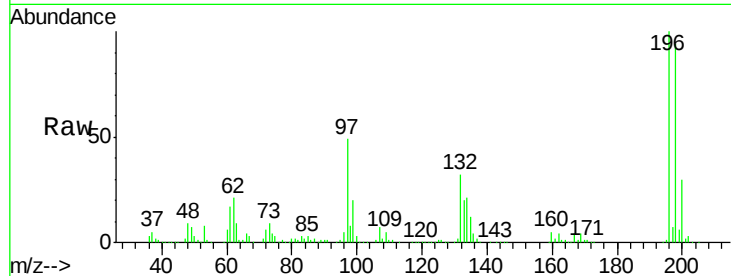
#43
 2,4,5-Trichlorophenol
 Concen: 43.858 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290656		
198	93.9	74.6	112.0	
97	48.9	42.9	64.3	
132	32.1	26.3	39.5	

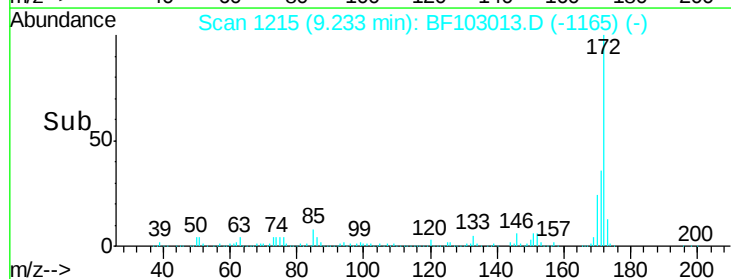
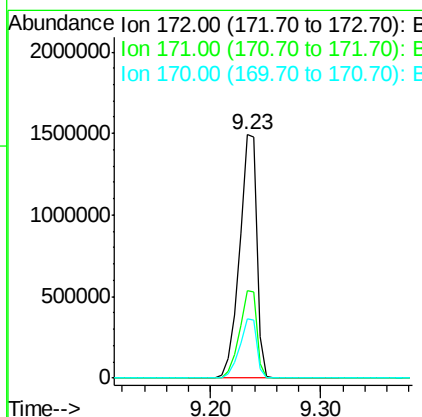
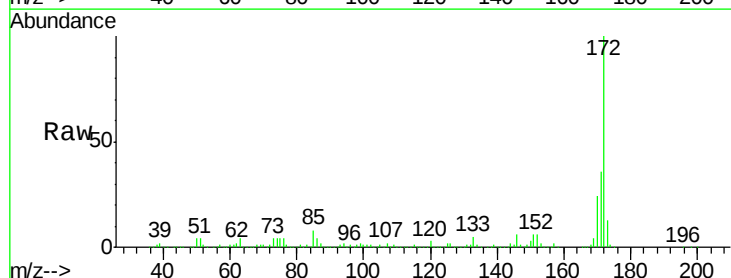
Manual Integrations
 APPROVED

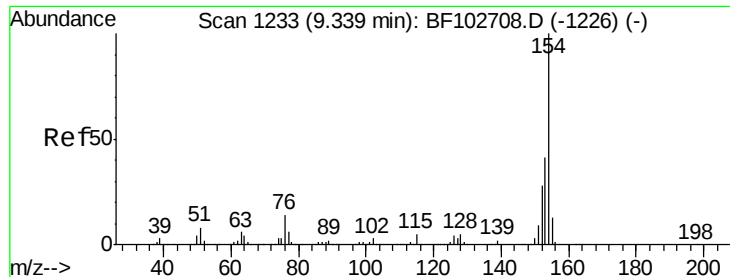
Sohil
 2/16/2018 2:31:11 PM



#44
 2-Fluorobiphenyl
 Concen: 83.015 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1644800		
171	36.1	29.7	44.5	
170	24.2	19.6	29.4	





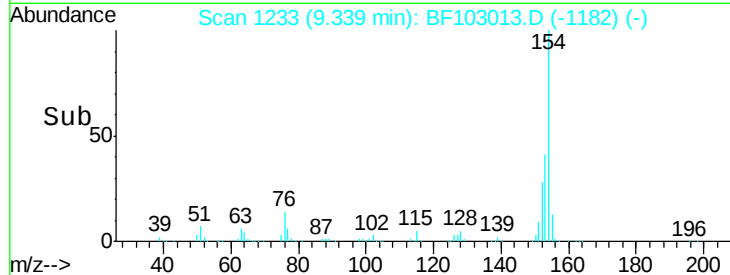
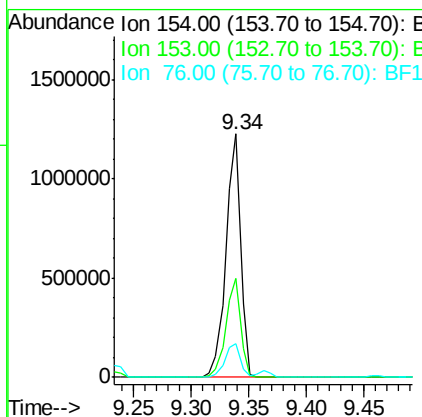
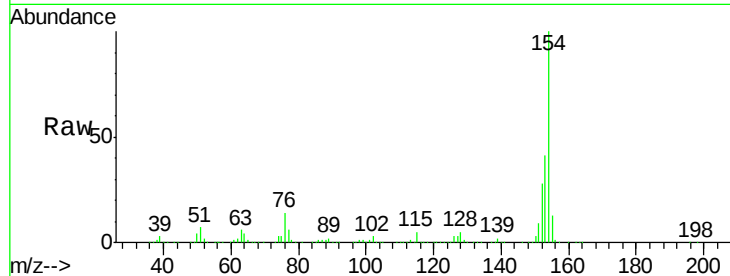
#45
 1,1'-Biphenyl
 Concen: 38.962 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.9	0.0	34.0

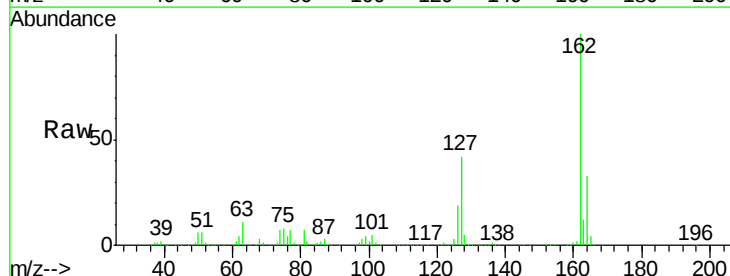
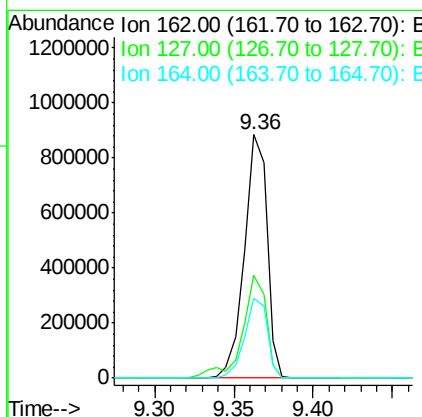
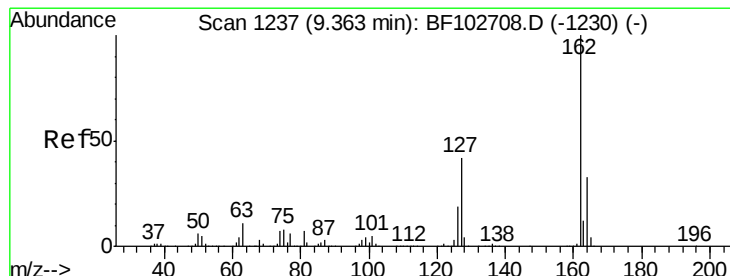
Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM



#46
 2-Chloronaphthalene
 Concen: 40.178 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.9	50.9
164	32.6	26.5	39.7





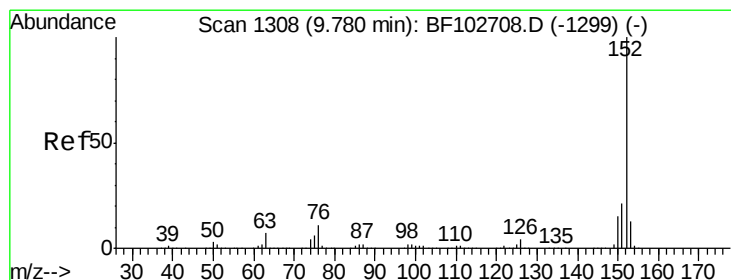
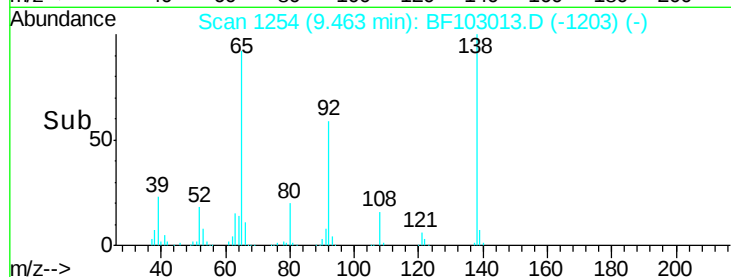
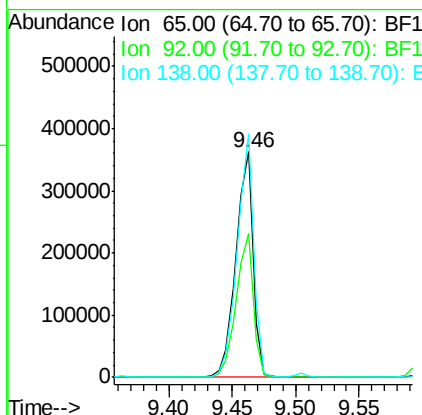
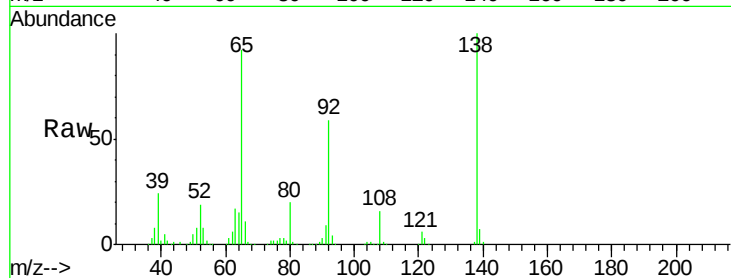
#47
2-Nitroaniline
Concen: 49.967 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	55.8	83.6
138	108.1	91.2	136.8

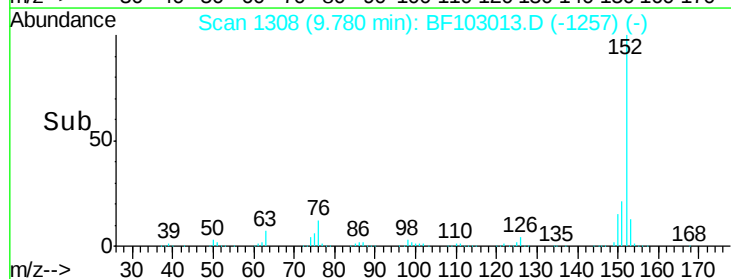
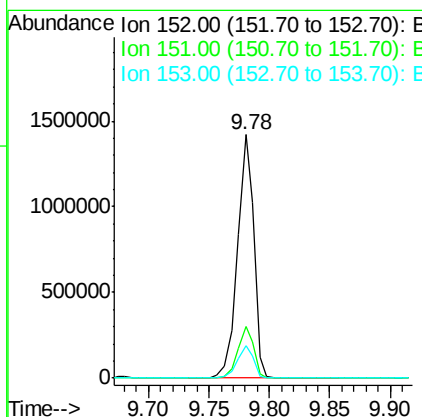
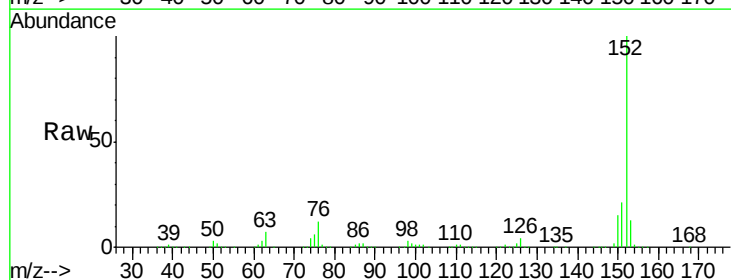
Manual Integrations
APPROVED

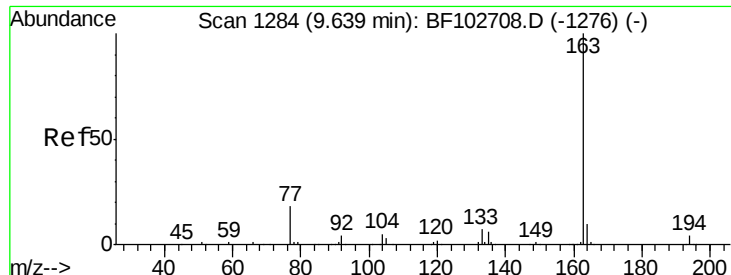
Sohil
2/16/2018 2:31:11 PM



#48
Acenaphthylene
Concen: 39.532 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.5	10.7	16.1





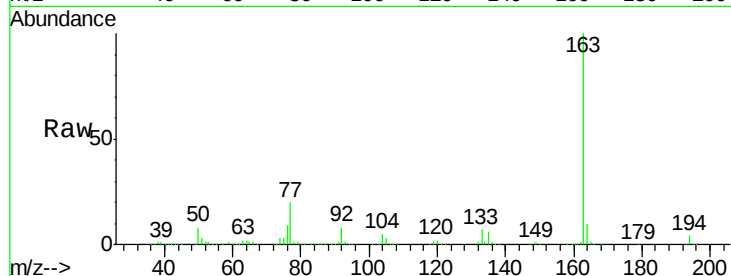
#49
Dimethylphthalate
Concen: 41.445 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

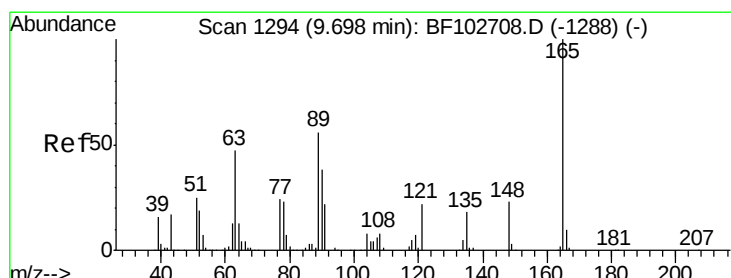
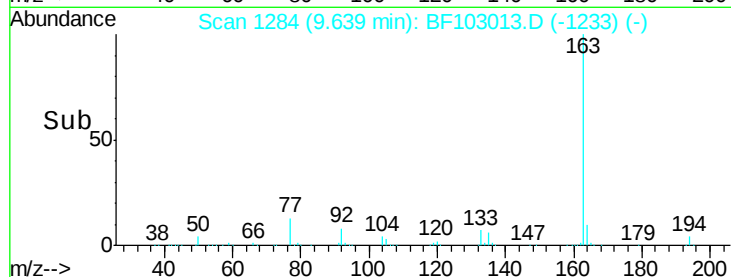
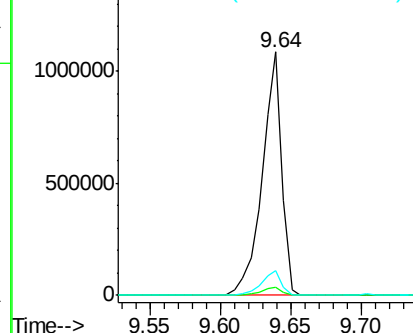
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM

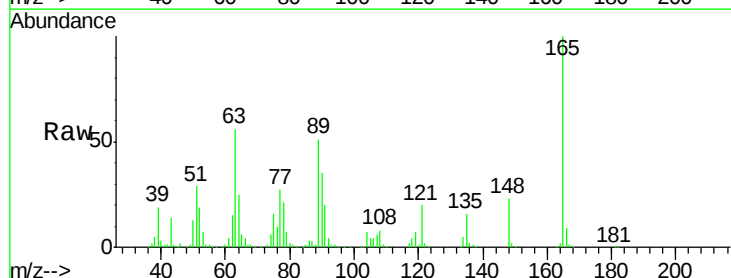


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

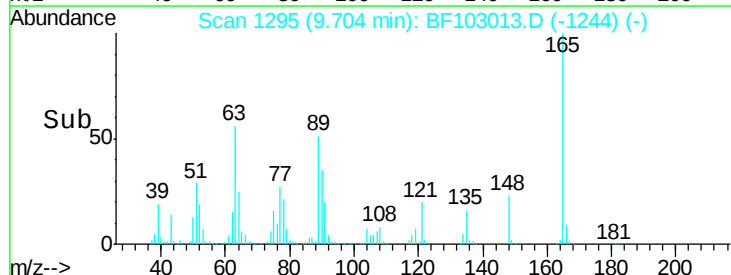
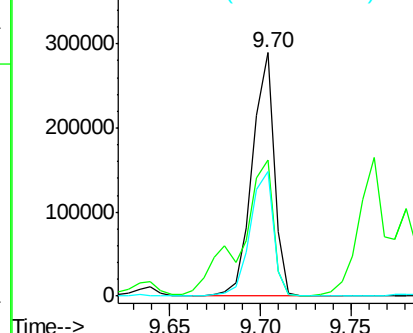


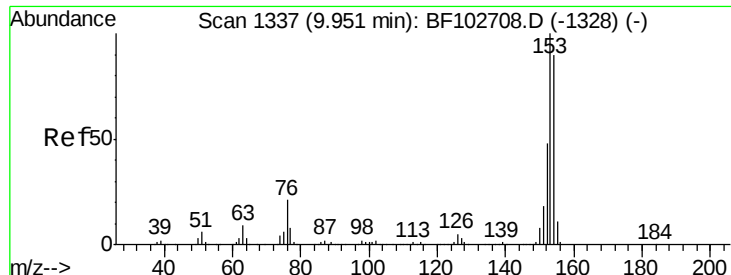
#50
2,6-Dinitrotoluene
Concen: 49.948 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.1	44.7	67.1
89	51.2	44.0	66.0



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





#51

Acenaphthene

Concen: 38.113 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

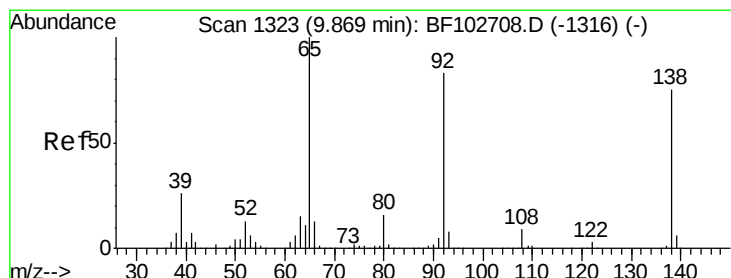
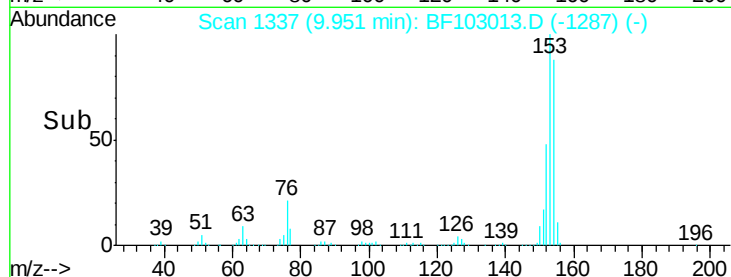
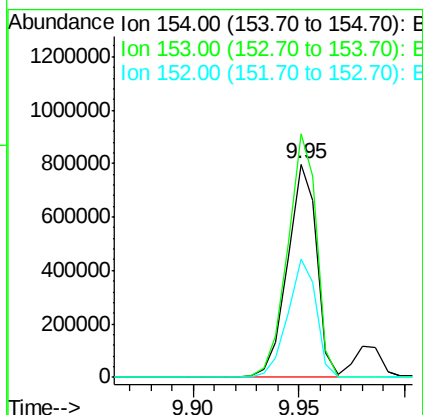
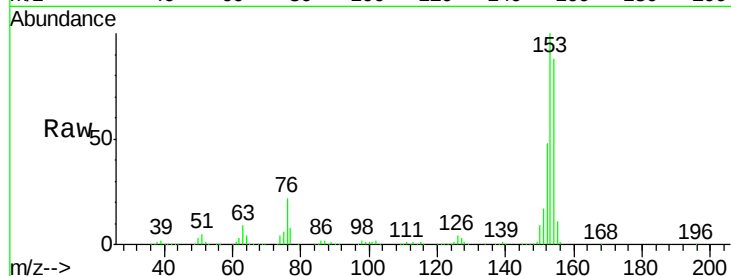
ClientSampleId :

PB106525BS

Tgt Ion:	154	Resp:	771768
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.2	136.8
152	55.1	43.8	65.8

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#52

3-Nitroaniline

Concen: 25.956 ng

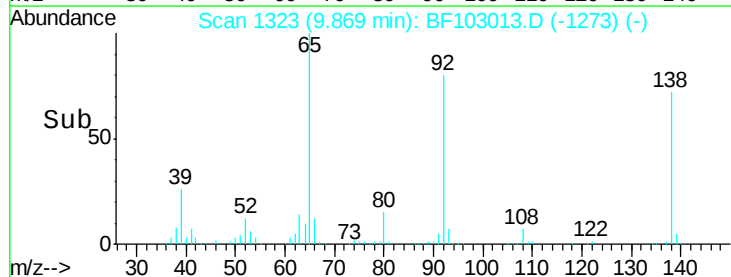
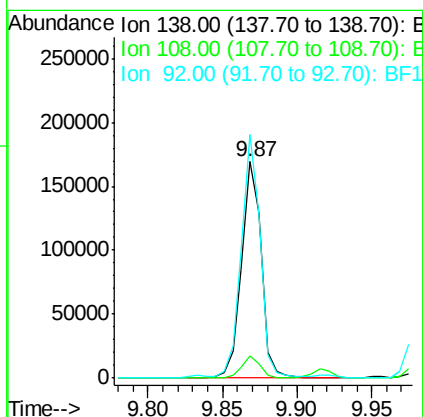
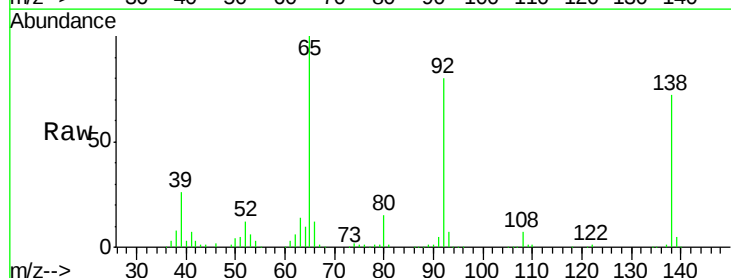
RT: 9.87 min Scan# 1323

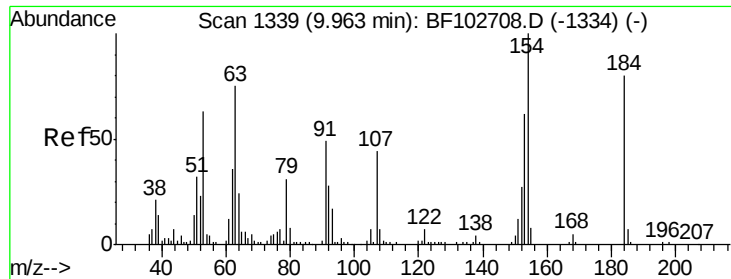
Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	138	Resp:	155764
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	112.6	89.4	134.2





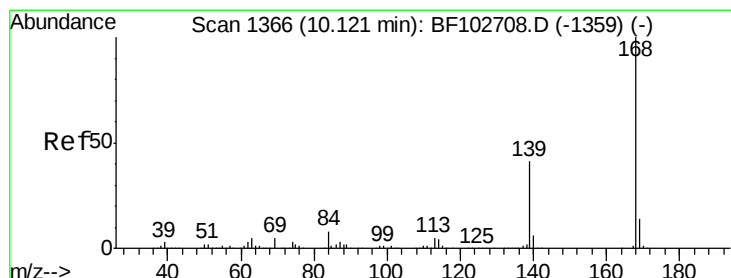
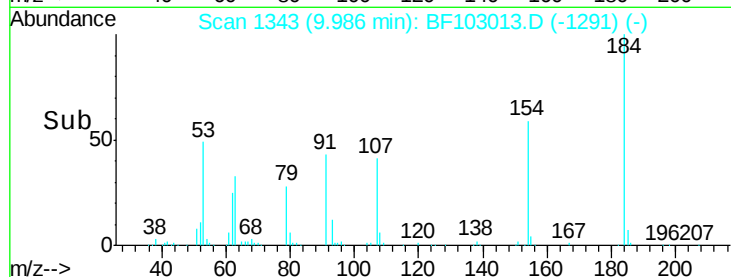
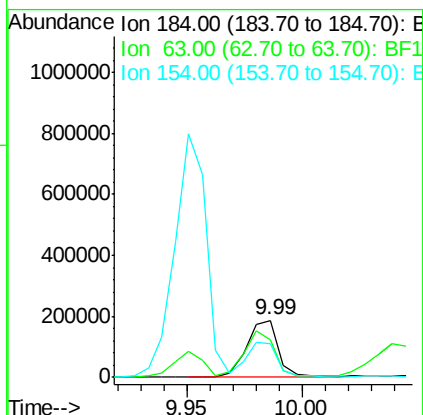
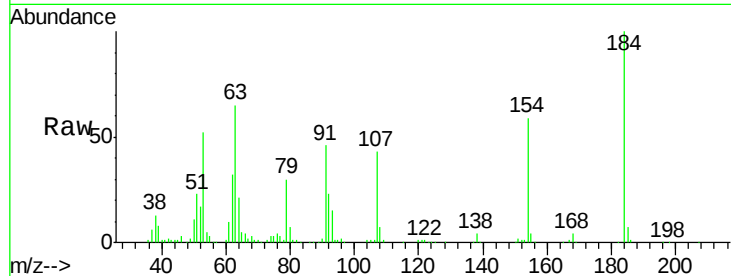
#53
2,4-Dinitrophenol
Concen: 96.700 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampled :
PB106525BS

Tgt Ion:184 Resp: 181987
Ion Ratio Lower Upper
184 100
63 65.5 54.2 81.2
154 59.4 184.0 276.0#

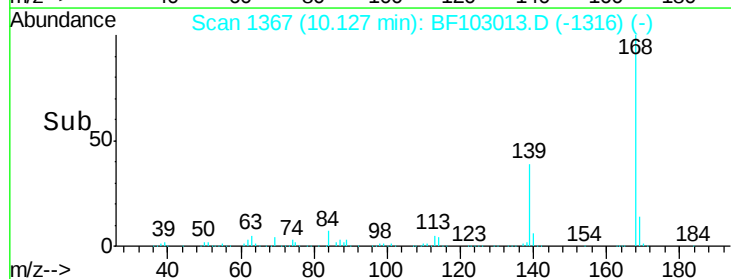
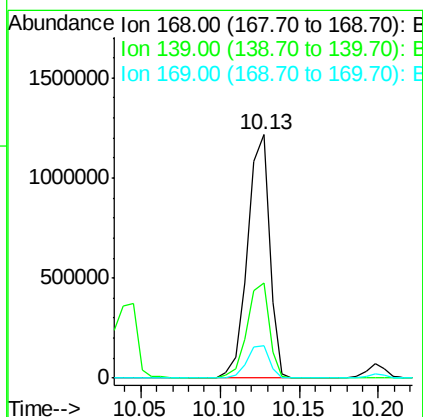
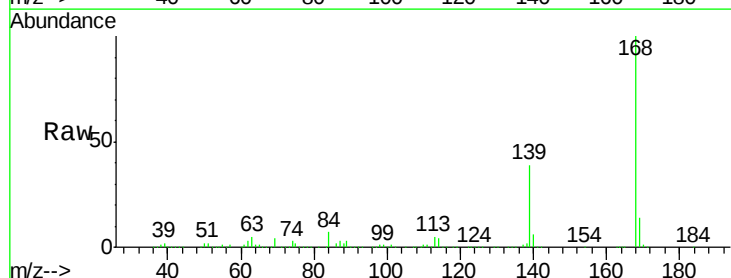
Manual Integrations
APPROVED

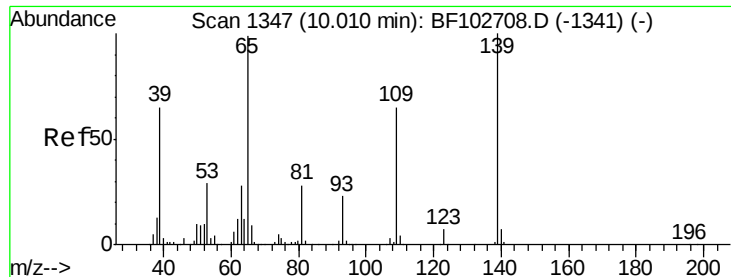
Sohil
2/16/2018 2:31:11 PM



#54
Dibenzofuran
Concen: 41.000 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion:168 Resp: 1170023
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.6 10.9 16.3





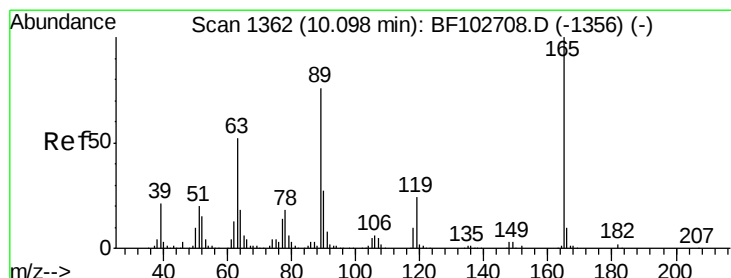
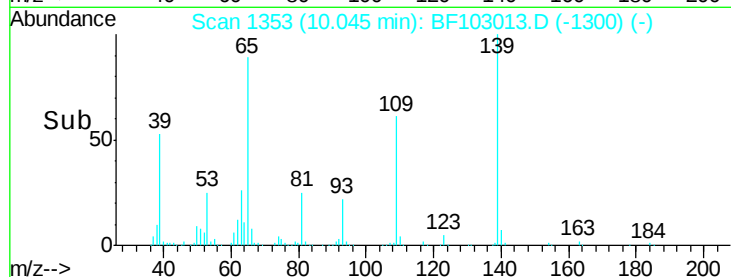
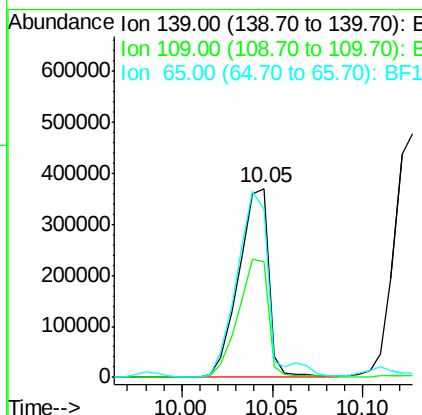
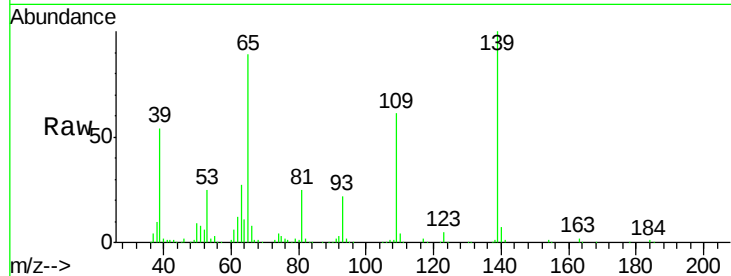
#55
4-Nitrophenol
Concen: 86.579 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion:139 Resp: 428686
Ion Ratio Lower Upper
139 100
109 61.1 48.4 88.4
65 89.0 72.6 112.6

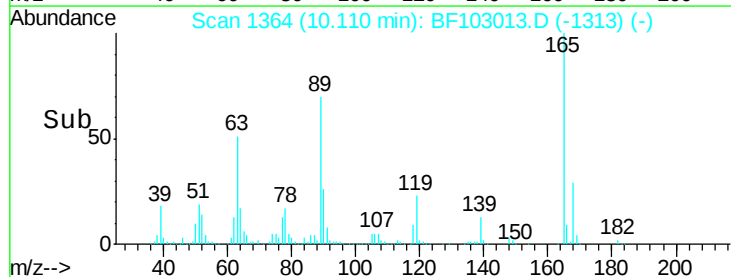
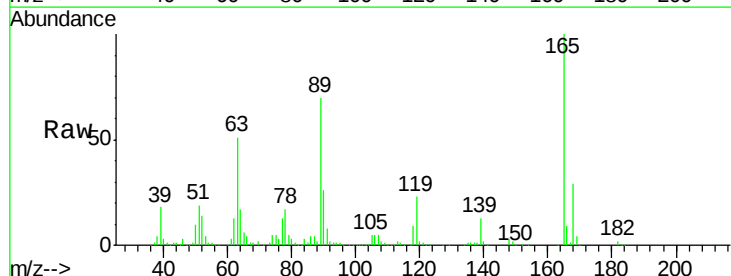
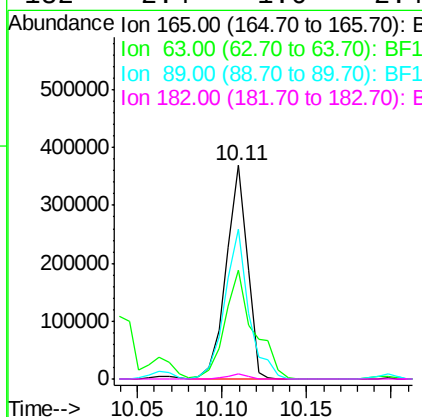
Manual Integrations
APPROVED

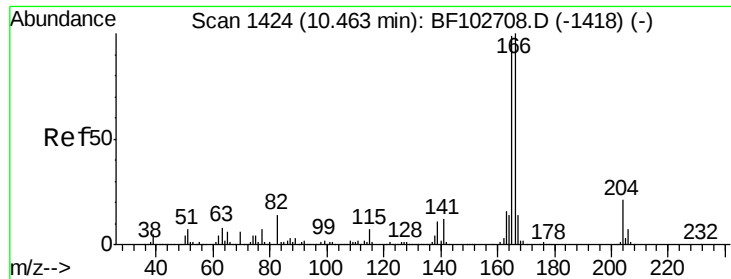
Sohil
2/16/2018 2:31:11 PM



#56
2,4-Dinitrotoluene
Concen: 49.024 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion:165 Resp: 321120
Ion Ratio Lower Upper
165 100
63 51.0 36.4 54.6
89 70.3 57.8 86.6
182 2.4 1.6 2.4#





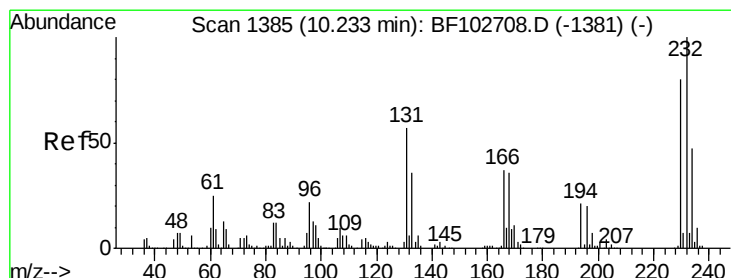
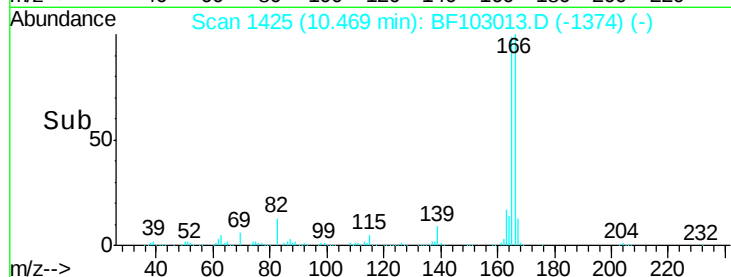
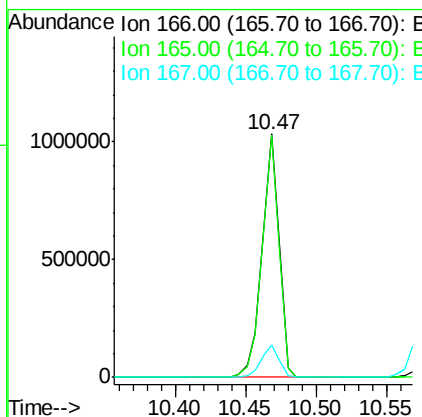
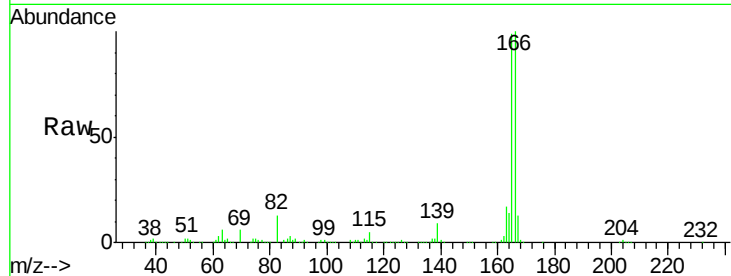
#57
Fluorene
 Concen: 43.219 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	897346		
165	99.3	79.8	119.8	
167	13.3	10.6	16.0	

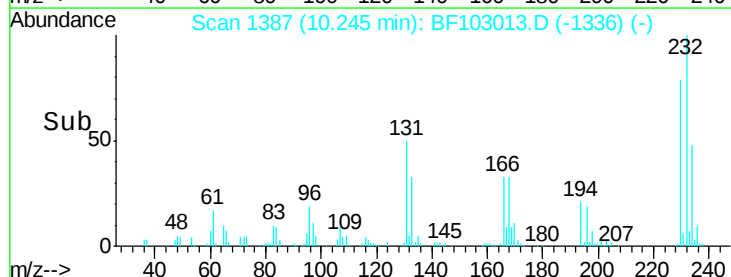
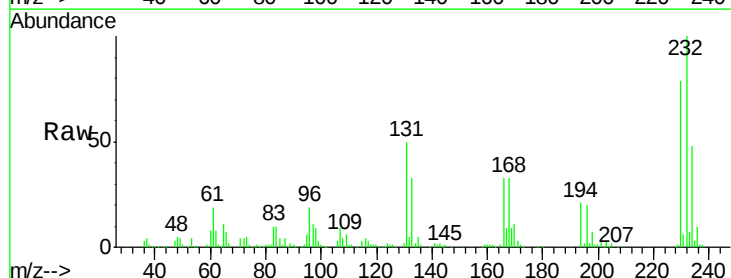
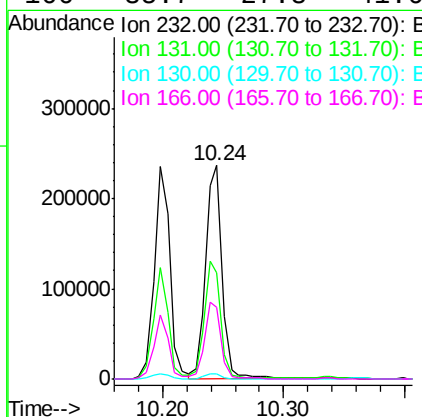
Manual Integrations
 APPROVED

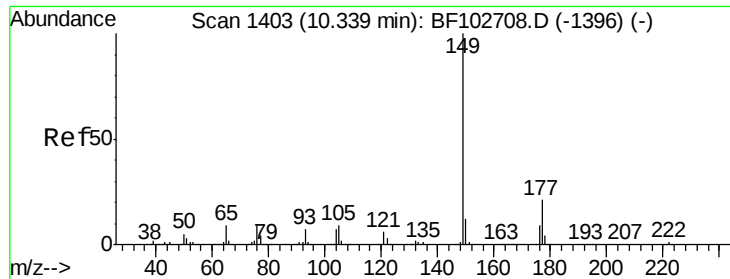
Sohil
 2/16/2018 2:31:11 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.666 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	223530		
131	54.3	43.8	65.8	
130	2.6	2.1	3.1	
166	35.7	27.8	41.6	





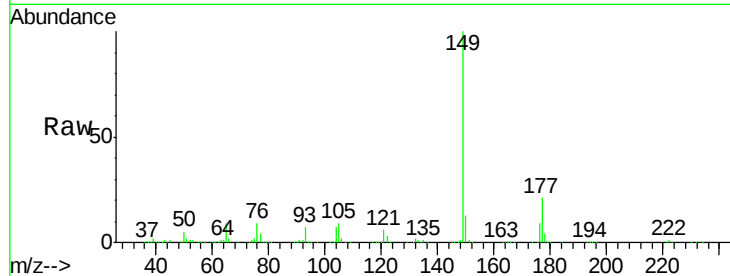
#59
Diethylphthalate
Concen: 40.416 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

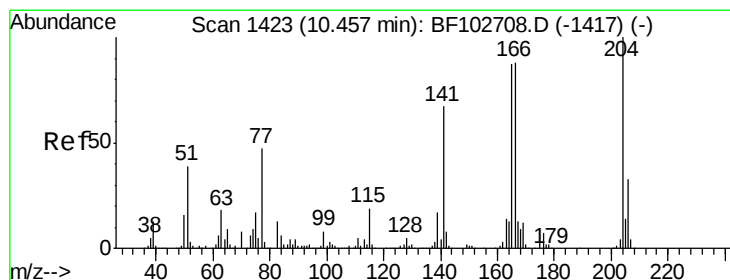
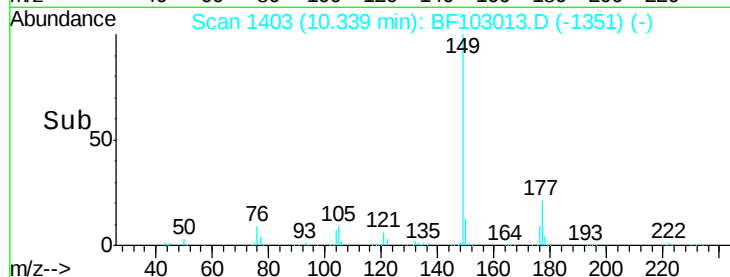
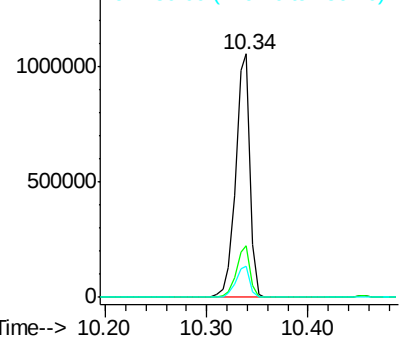
Tgt Ion:149 Resp: 1023009
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.7 10.1 15.1

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM

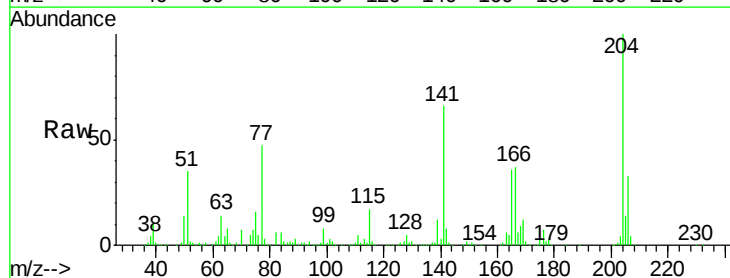


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

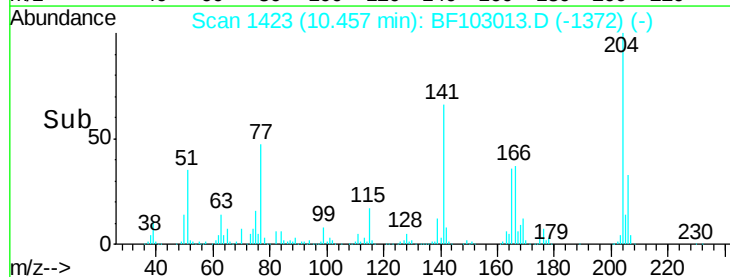
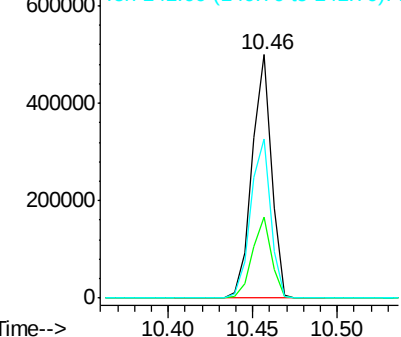


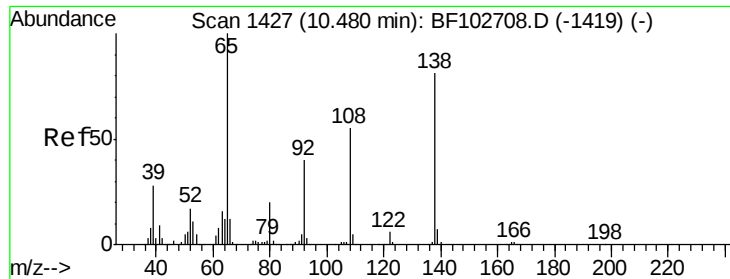
#60
4-Chlorophenyl-phenylether
Concen: 43.399 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion:204 Resp: 398611
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 65.5 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





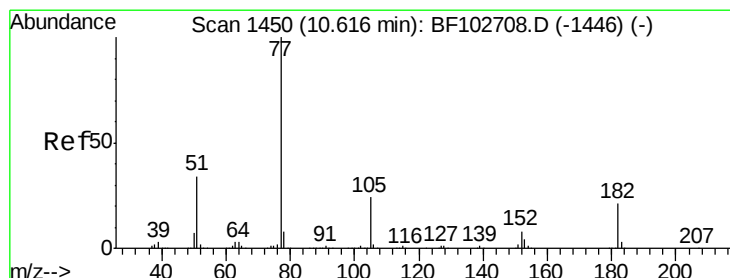
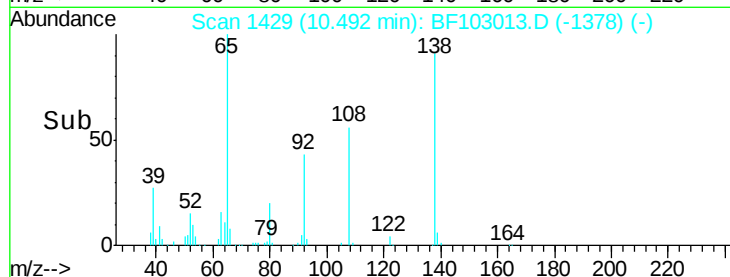
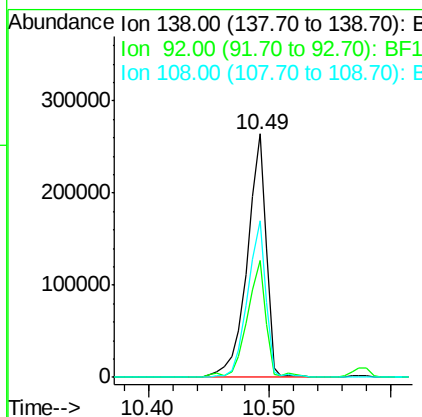
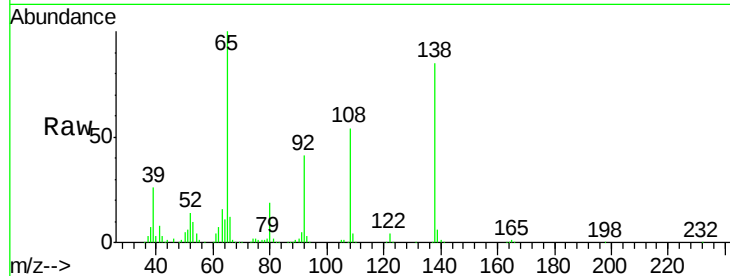
#61
4-Nitroaniline
Concen: 51.244 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	292710		
92	48.0	30.2	70.2	
108	64.2	52.5	92.5	

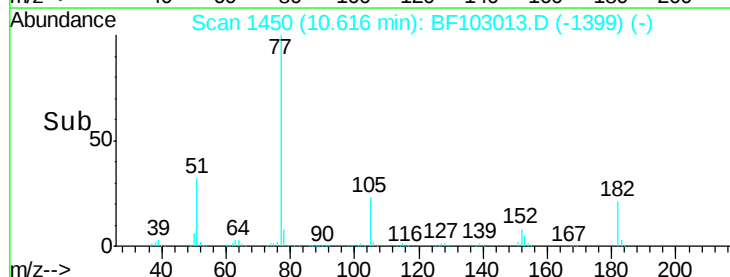
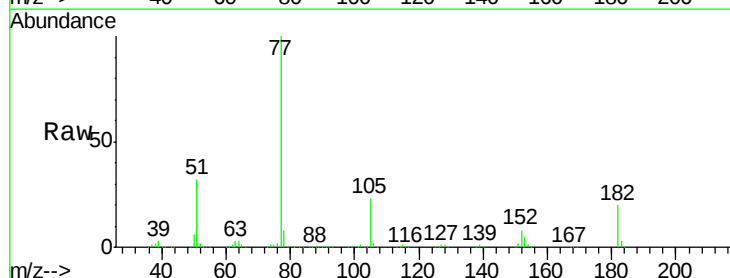
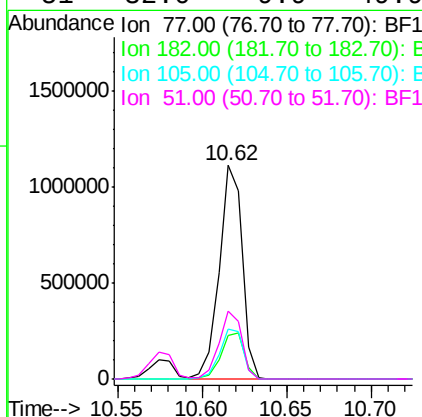
Manual Integrations
APPROVED

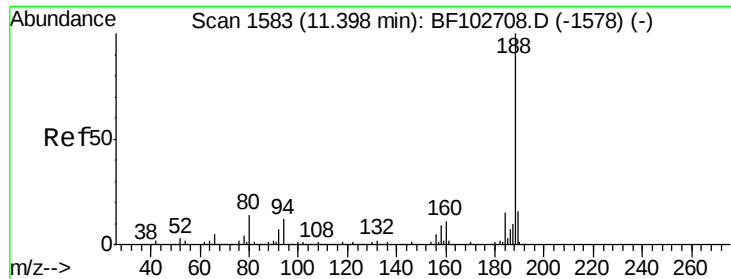
Sohil
2/16/2018 2:31:11 PM



#62
Azobenzene
Concen: 41.885 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1059145		
182	20.5	1.7	41.7	
105	23.4	3.0	43.0	
51	32.0	9.9	49.9	





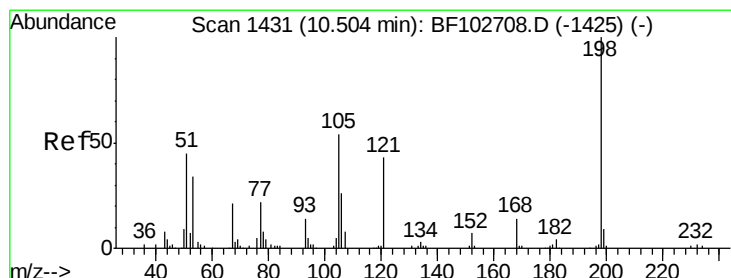
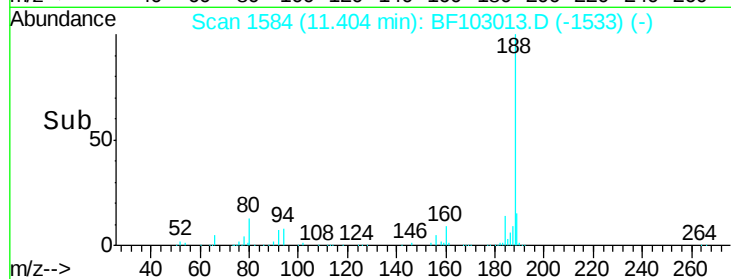
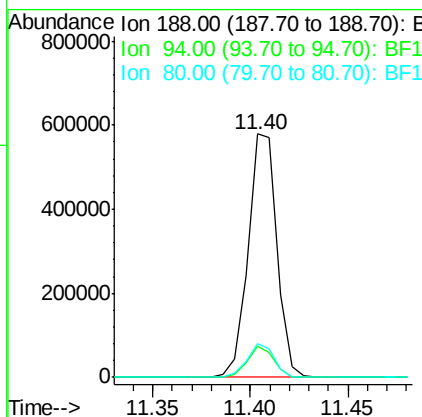
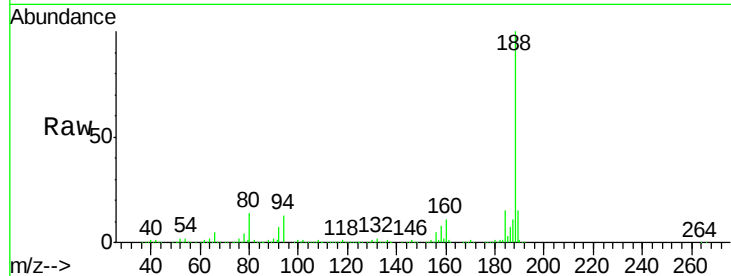
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	589202		
94	12.7	8.5	12.7#	
80	14.0	9.2	13.8#	

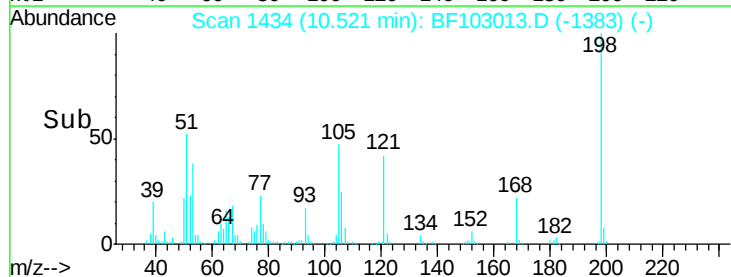
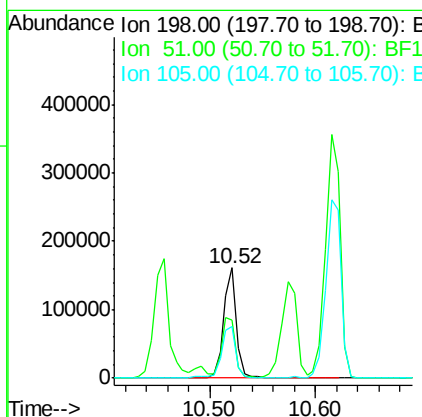
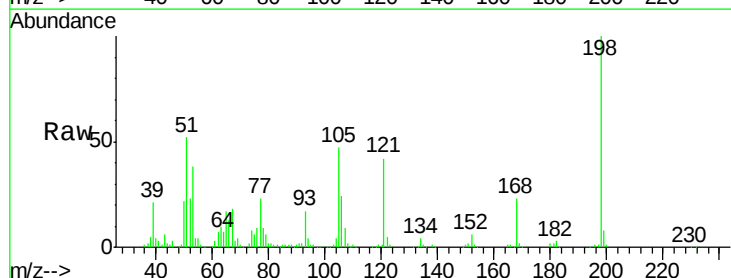
Manual Integrations
APPROVED

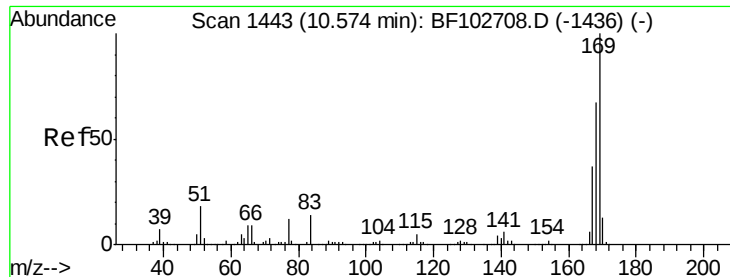
Sohil
2/16/2018 2:31:11 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 53.519 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136495		
51	52.2	37.7	77.7	
105	46.9	36.3	76.3	





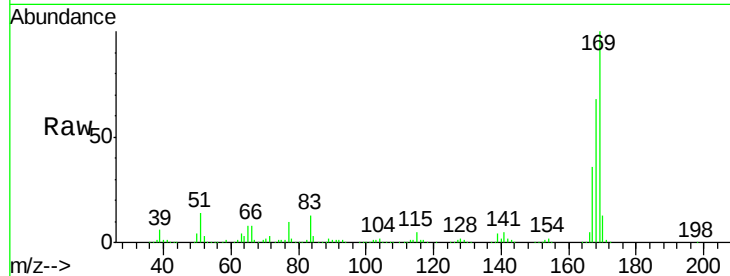
#65
n-Nitrosodiphenylamine
Concen: 40.367 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	838946		
168	68.0	54.4	81.6	
167	36.5	29.8	44.6	

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM

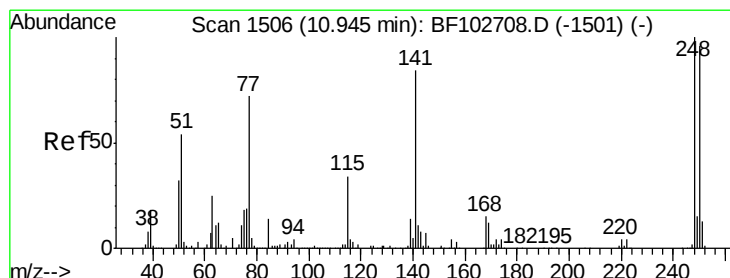
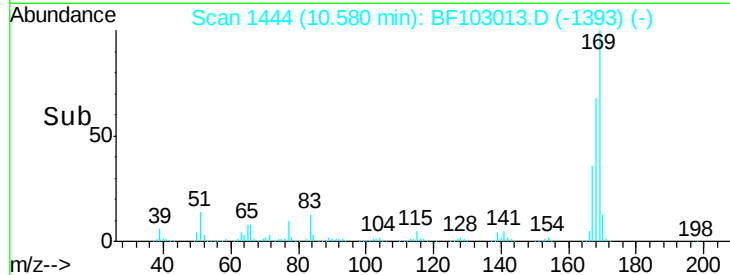
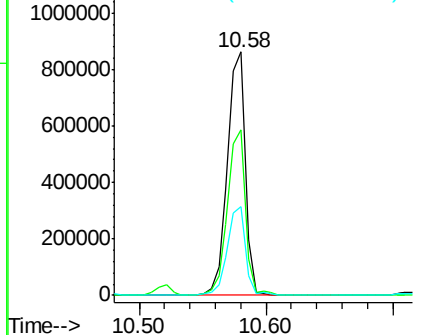


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 41.558 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

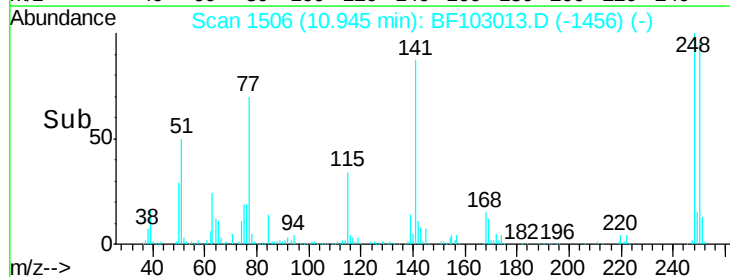
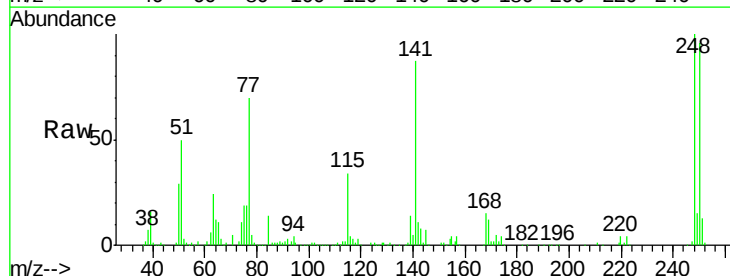
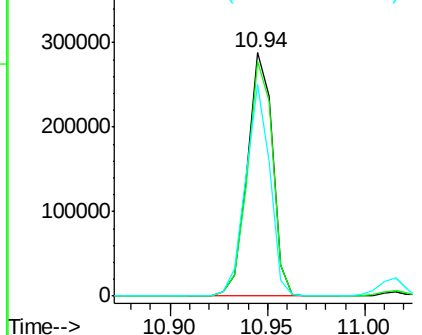
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259015		
250	96.3	76.9	115.3	
141	87.0	74.4	111.6	

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





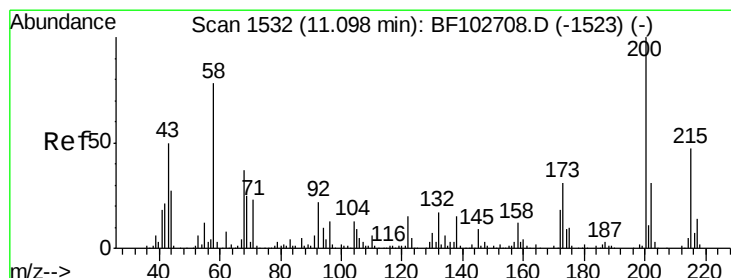
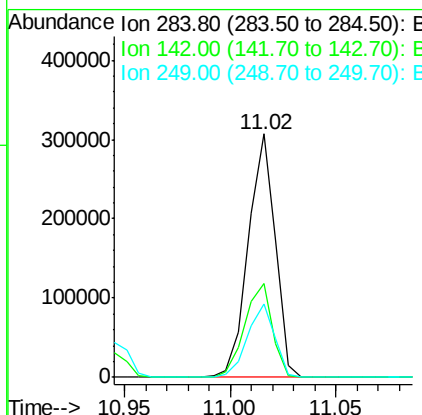
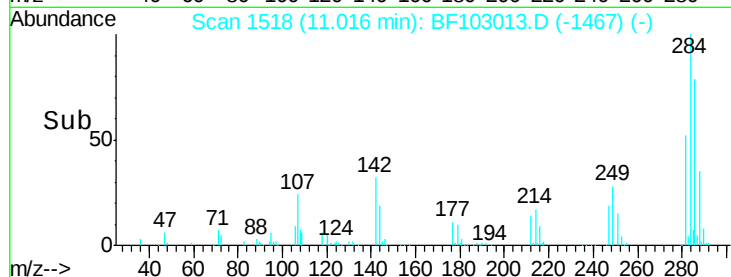
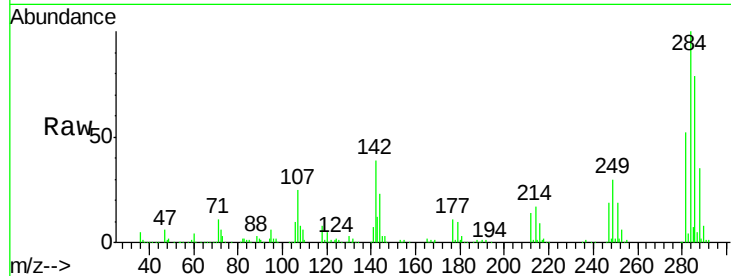
#67
Hexachlorobenzene
Concen: 39.577 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	272121		
142	38.8	34.6	52.0	
249	30.3	24.8	37.2	

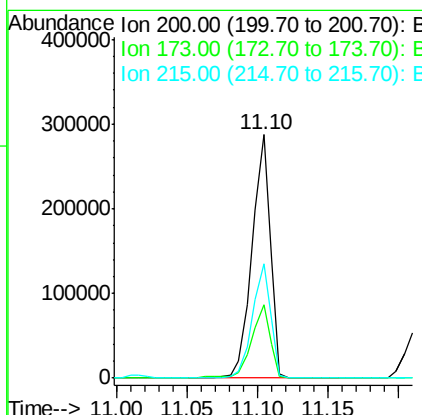
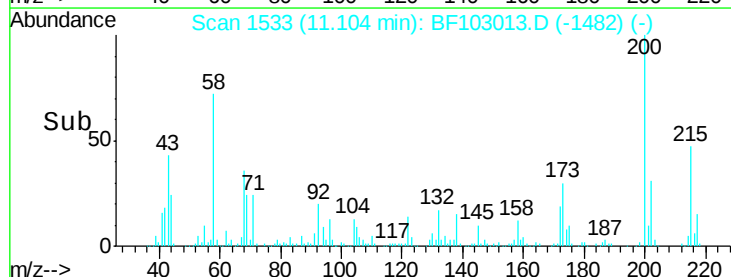
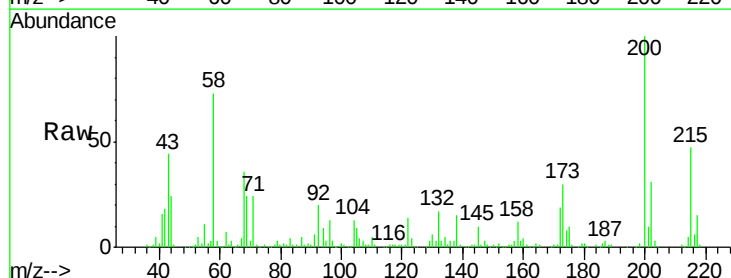
Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#68
Atrazine
Concen: 42.960 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	263396		
173	30.0	8.6	48.6	
215	47.0	25.1	65.1	





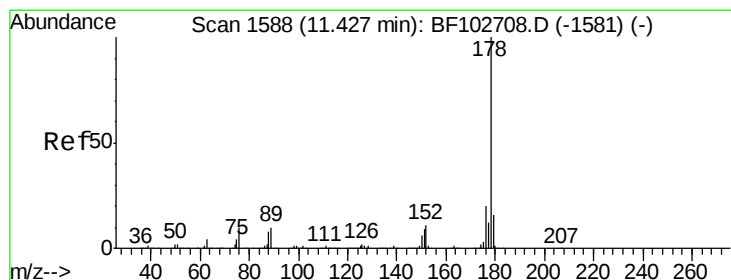
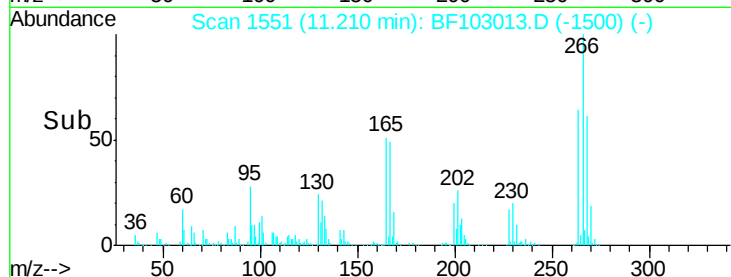
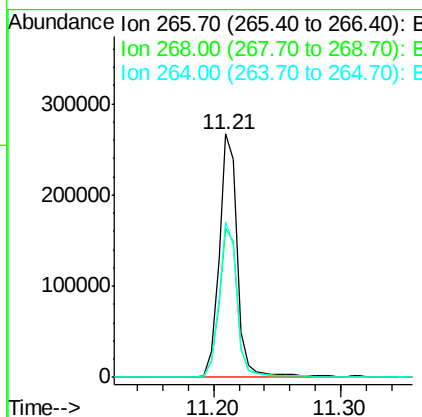
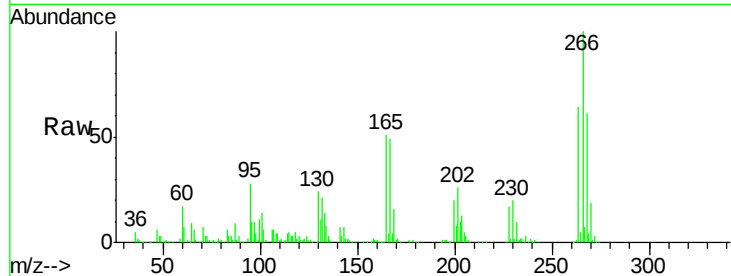
#69
 Pentachlorophenol
 Concen: 66.688 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	269168		
268	61.3	51.1	76.7	
264	63.8	49.5	74.3	

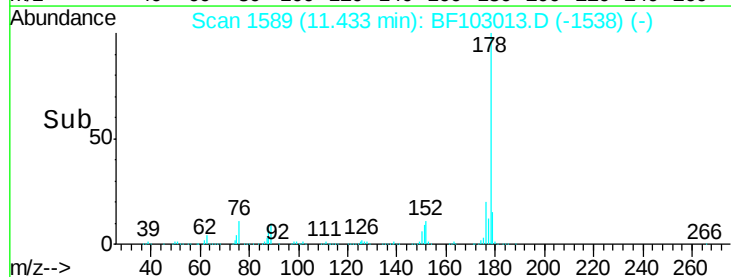
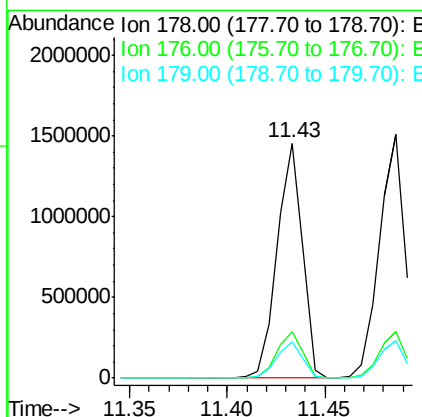
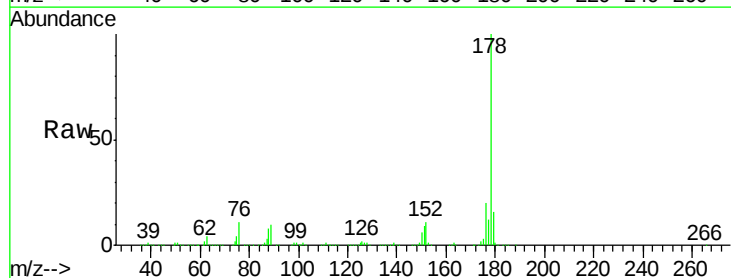
Manual Integrations
 APPROVED

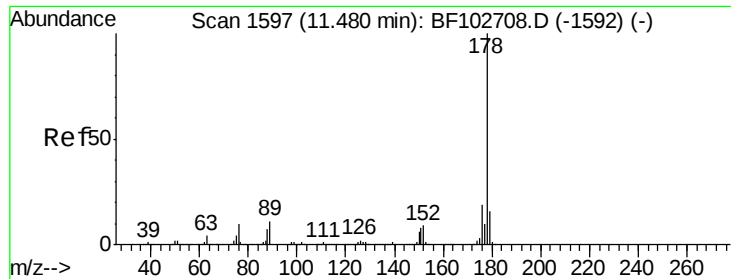
Sohil
 2/16/2018 2:31:11 PM



#70
 Phenanthrene
 Concen: 39.760 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1304728		
176	19.8	15.8	23.8	
179	15.5	13.0	19.6	





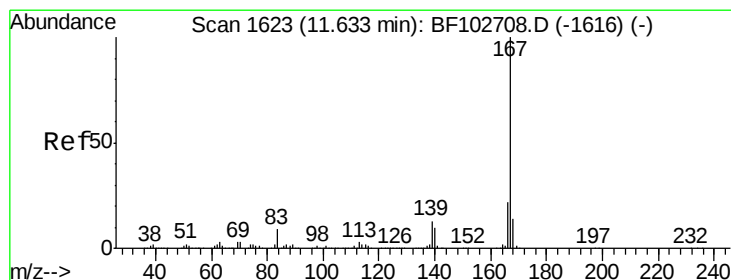
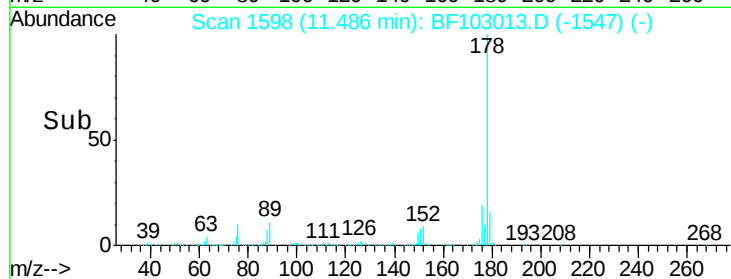
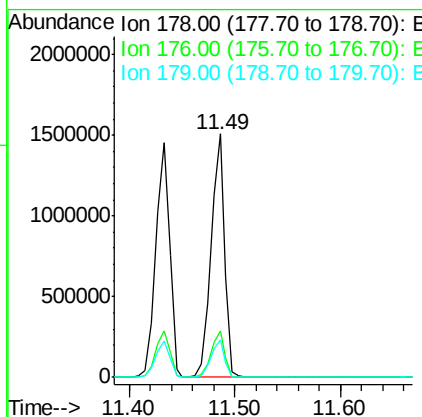
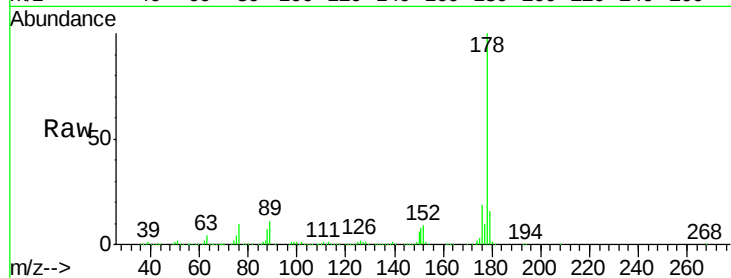
#71
 Anthracene
 Concen: 40.926 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion:178 Resp: 1365928
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

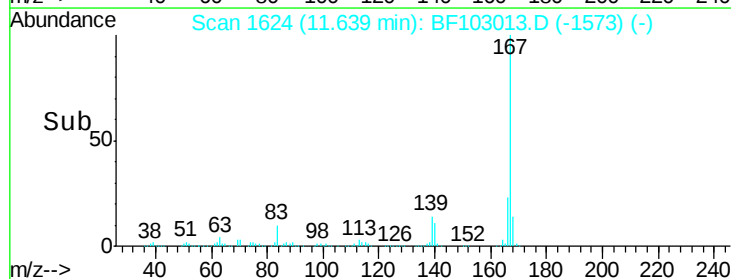
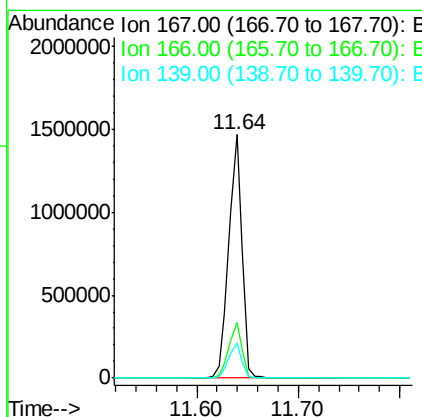
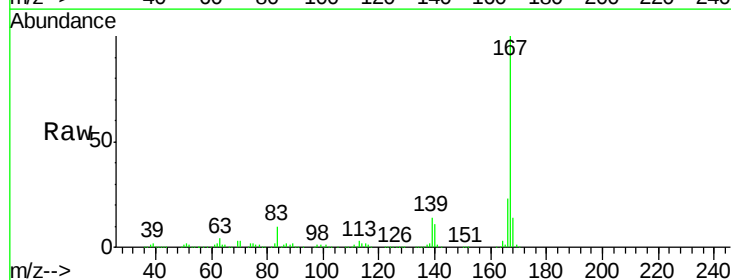
Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM



#72
 Carbazole
 Concen: 41.172 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion:167 Resp: 1346220
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.785 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

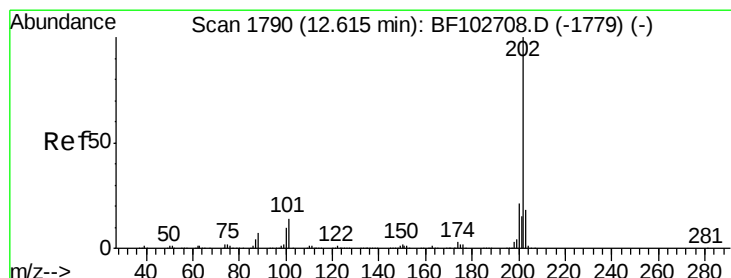
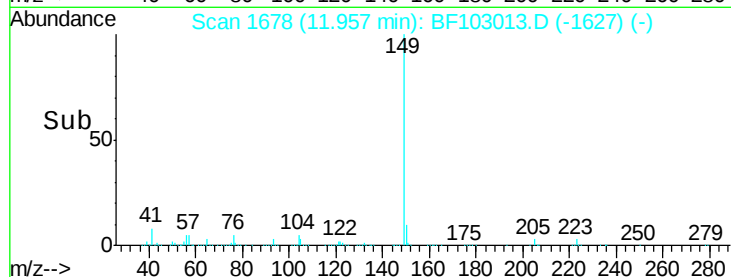
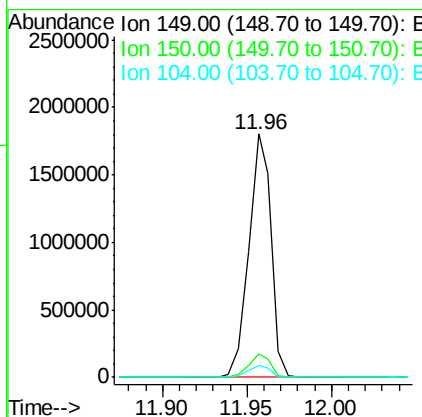
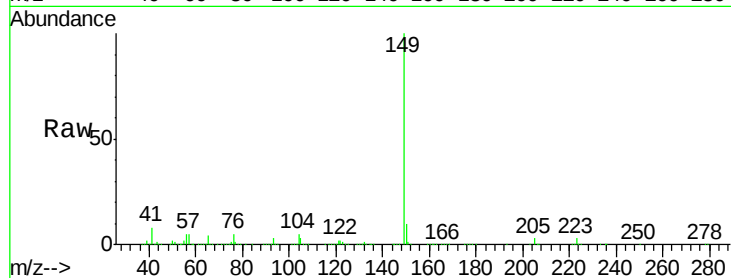
ClientSampleId :

PB106525BS

Tgt Ion:	149	Resp:	1659665
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM



#74

Fluoranthene

Concen: 42.231 ng

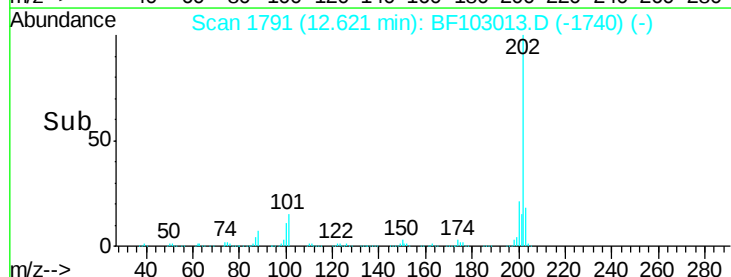
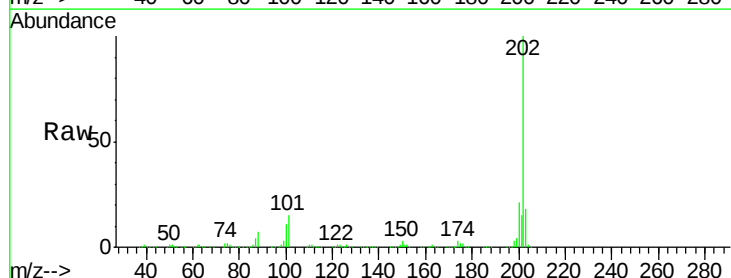
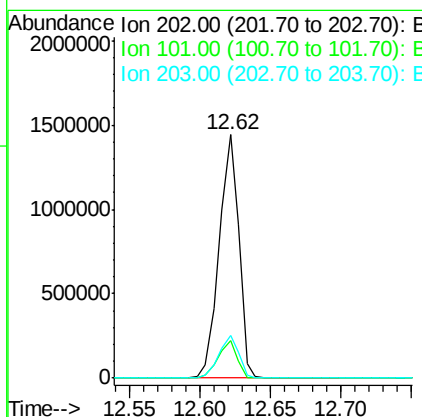
RT: 12.62 min Scan# 1791

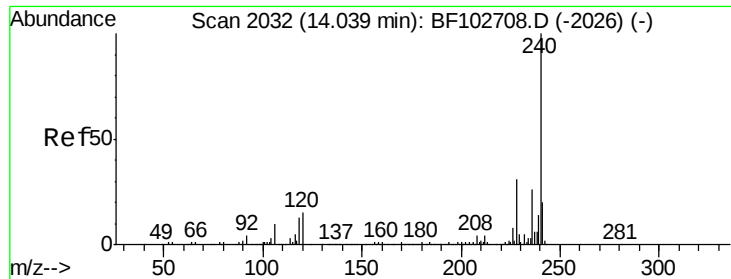
Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Tgt Ion:	202	Resp:	1394273
Ion Ratio	Lower	Upper	
202	100		
101	15.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

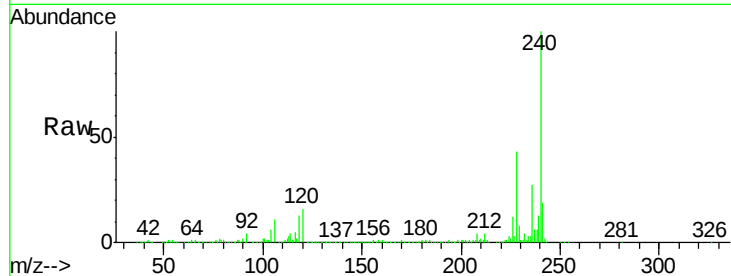
ClientSampleId :

PB106525BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	455886		
120	16.4	9.5	14.3#	
236	26.7	20.7	31.1	

Manual Integrations
APPROVED

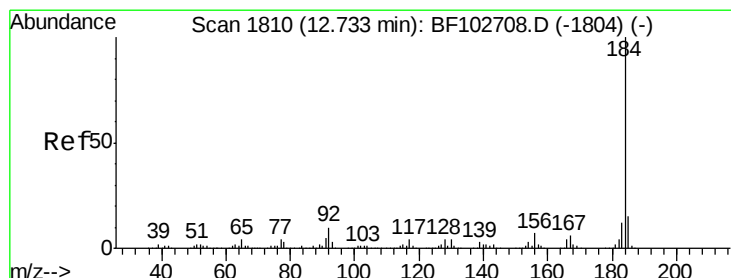
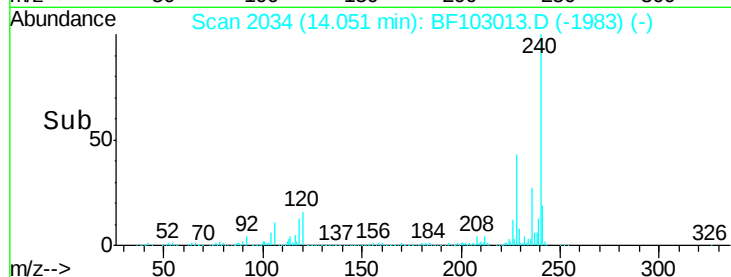
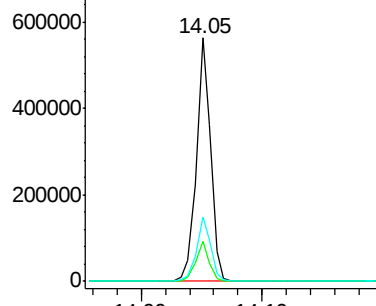
Sohil
2/16/2018 2:31:11 PM



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: 25.615 ng

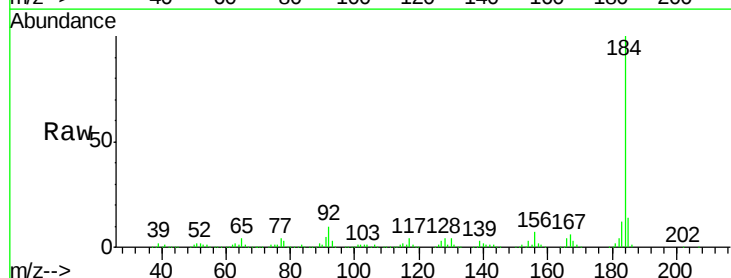
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

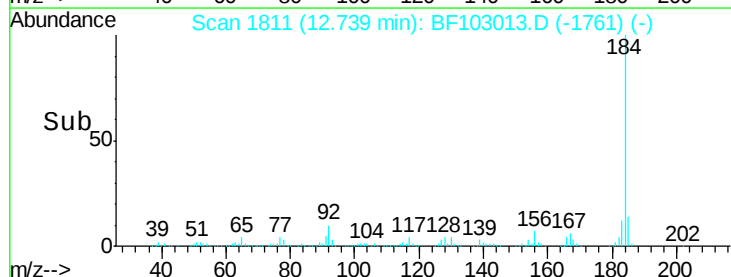
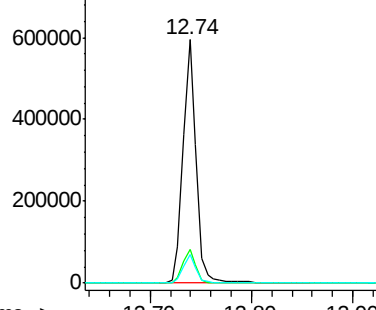
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	536704		
185	14.1	12.6	18.8	
183	11.8	9.3	13.9	



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.769 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106525BS

Tgt Ion:202 Resp: 1421674

Ion Ratio Lower Upper

202 100

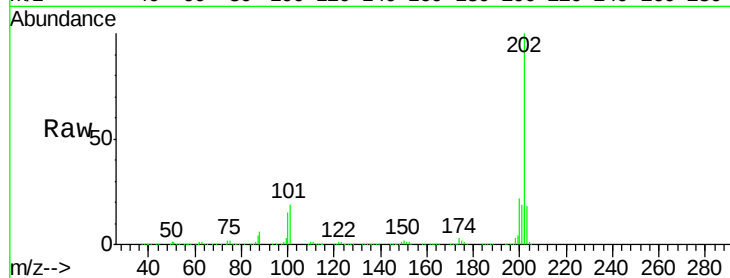
200 22.5 17.4 26.2

203 18.0 14.3 21.5

Manual Integrations
APPROVED

Sohil

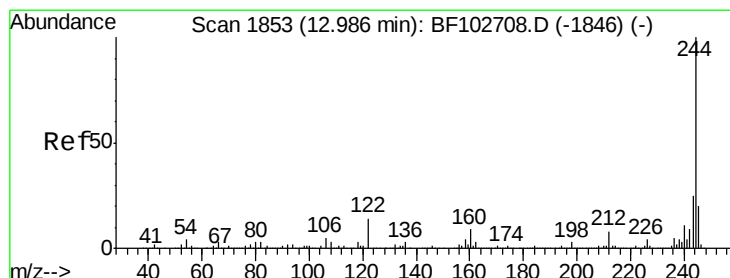
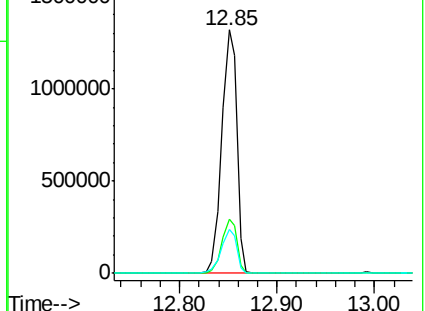
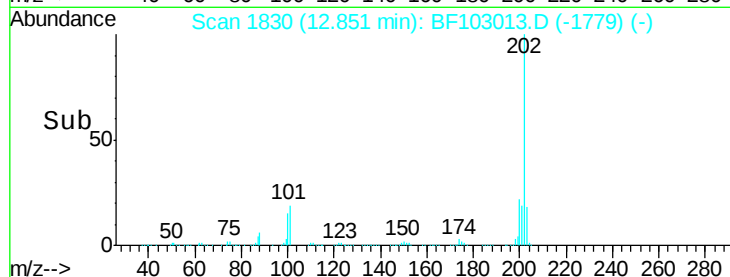
2/16/2018 2:31:11 PM



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: 83.671 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103013.D

Acq: 15 Feb 2018 13:09

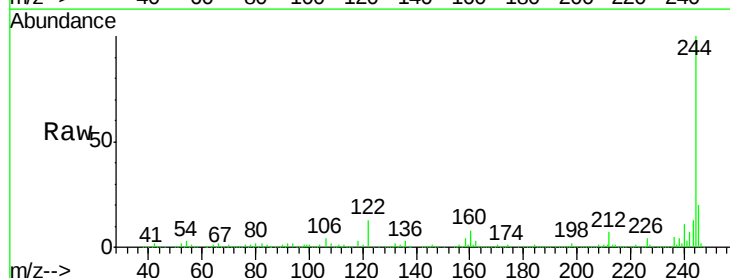
Tgt Ion:244 Resp: 1610983

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

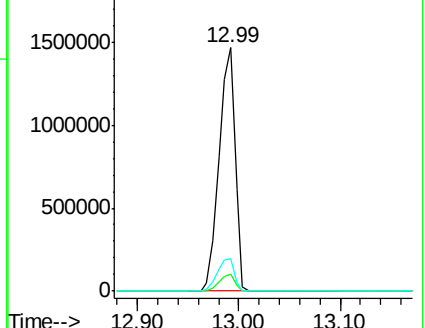
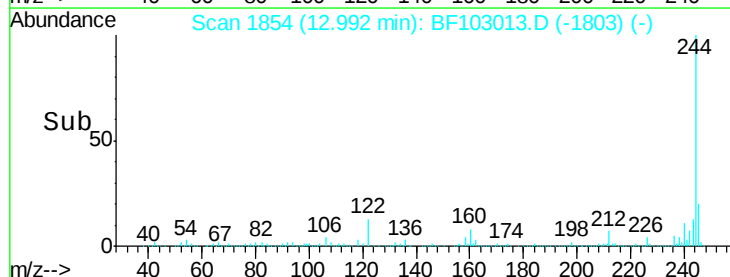
122 13.4 11.0 16.4

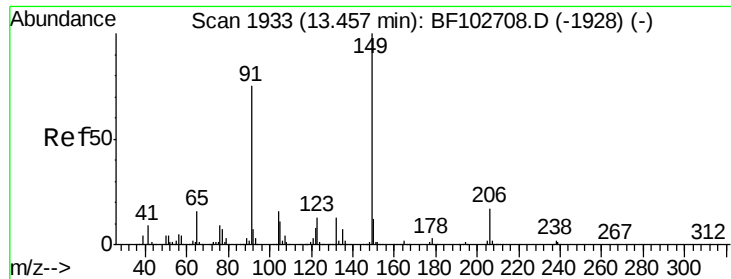


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





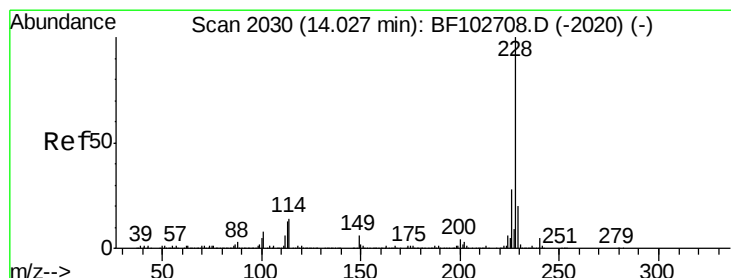
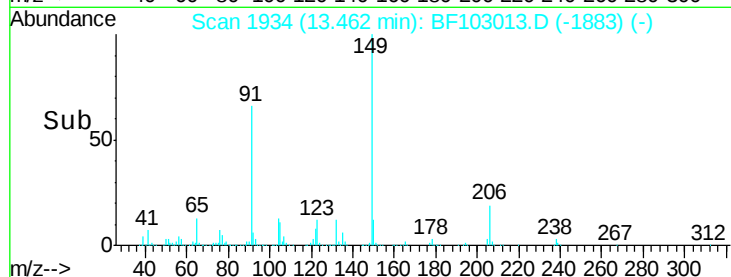
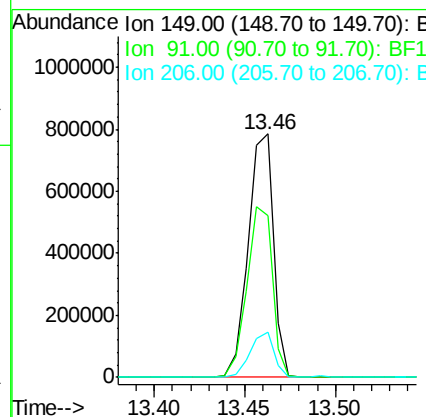
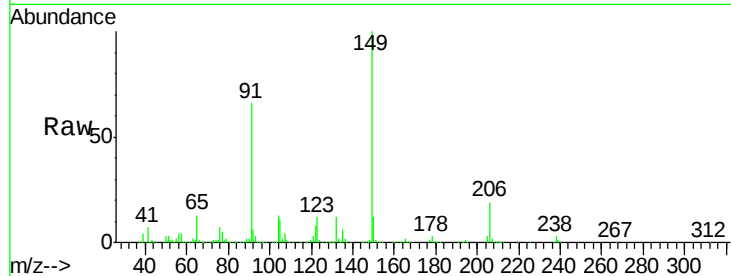
#79
Butylbenzylphthalate
Concen: 44.459 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	56.8	85.2
206	18.7	14.1	21.1

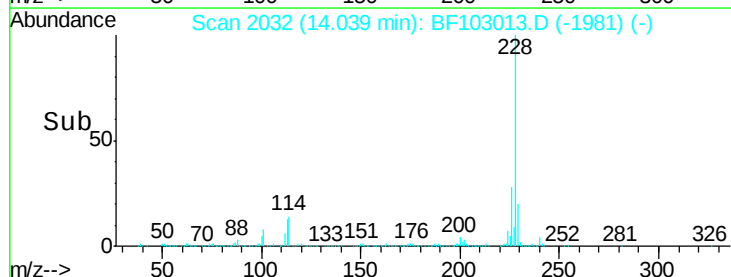
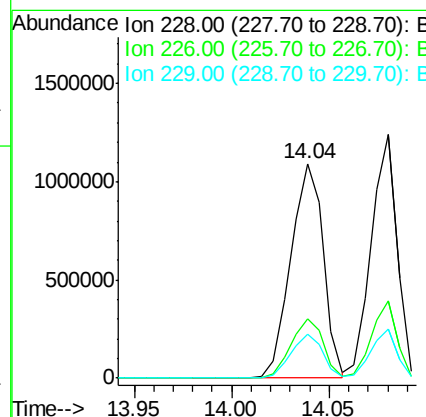
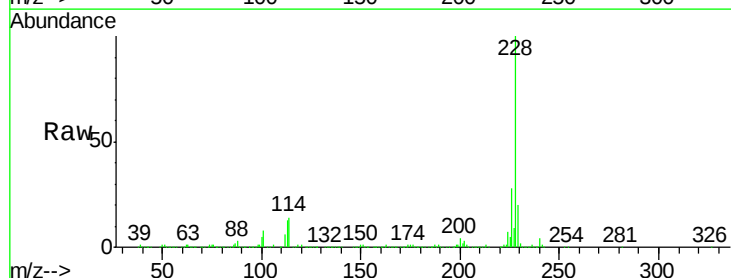
Manual Integrations
APPROVED

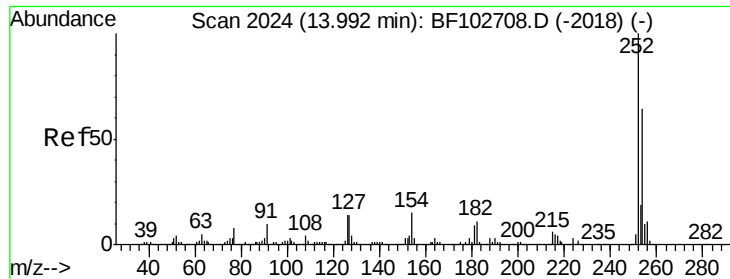
Sohil
2/16/2018 2:31:11 PM



#80
Benzo(a)anthracene
Concen: 43.780 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6





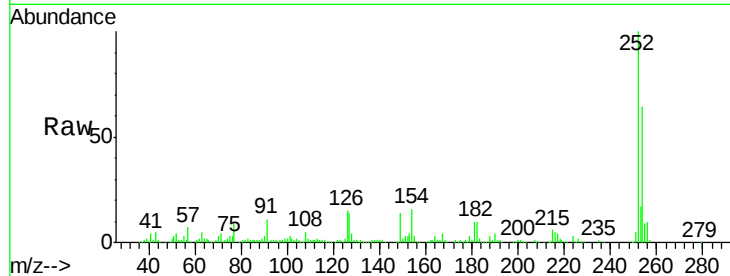
#81
 3,3'-Dichlorobenzidine
 Concen: 23.567 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

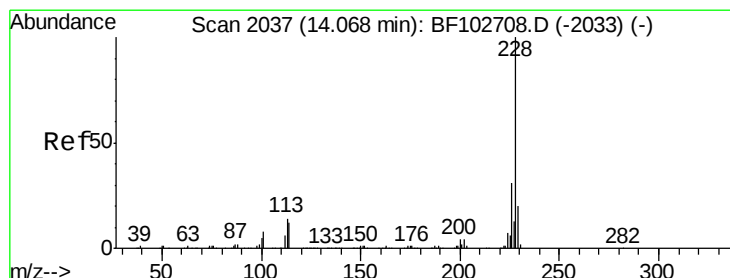
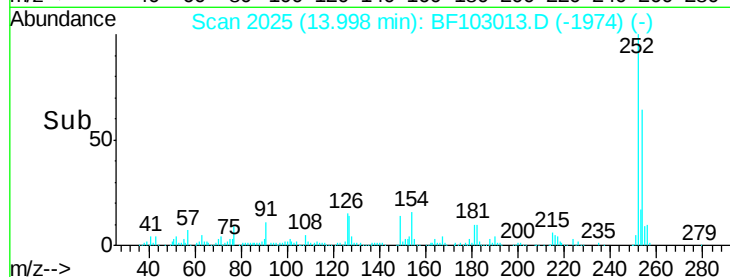
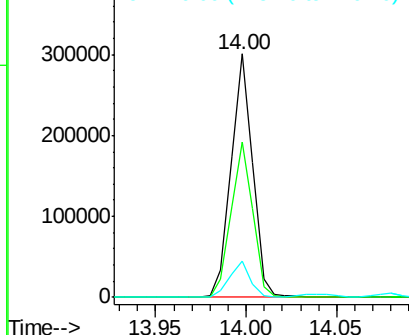
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	50.4	75.6
126	14.9	11.3	16.9

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:11 PM



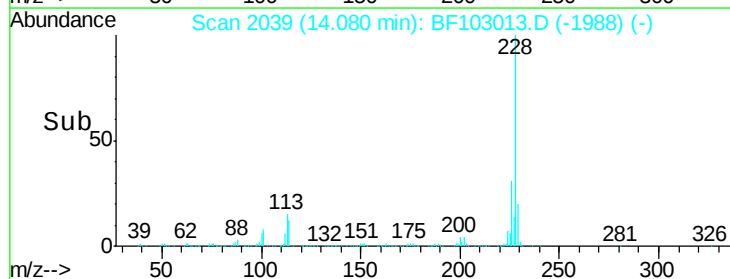
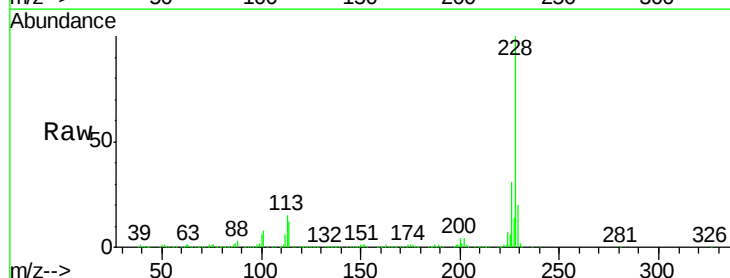
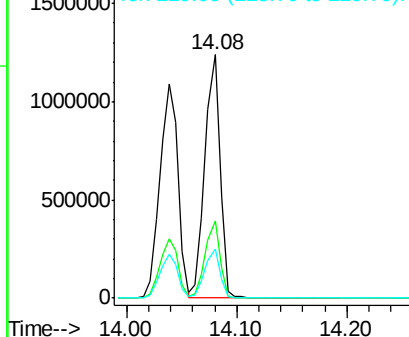
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

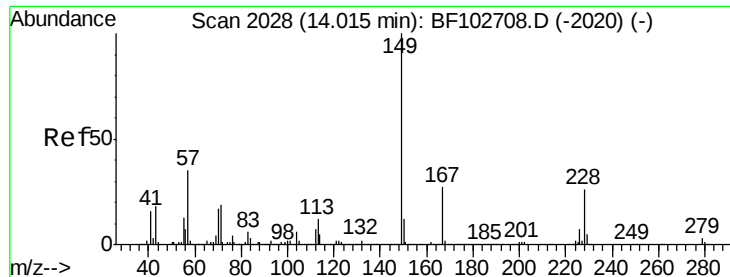


#82
 Chrysene
 Concen: 39.717 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	25.0	37.6
229	20.3	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





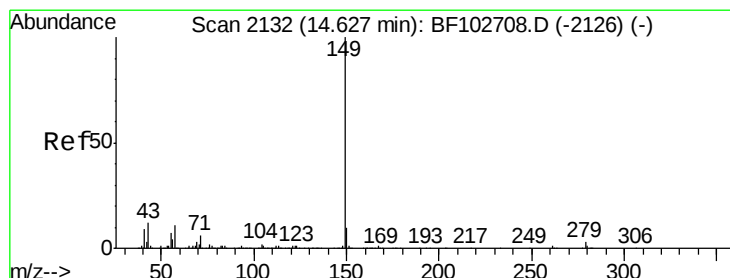
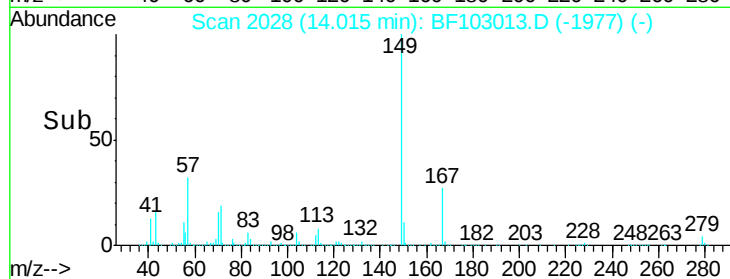
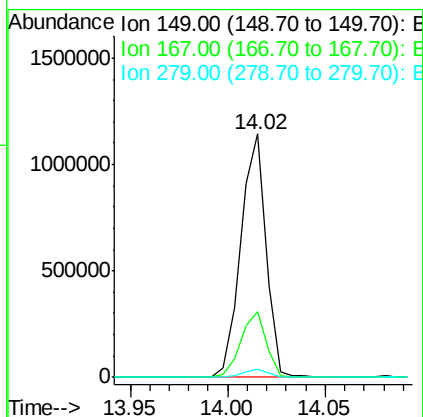
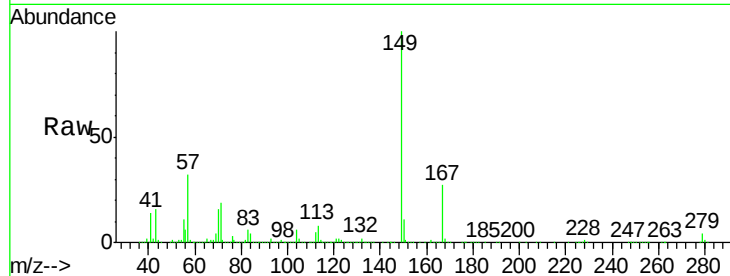
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.783 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion:149 Resp: 1024508
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.5 3.0 4.4

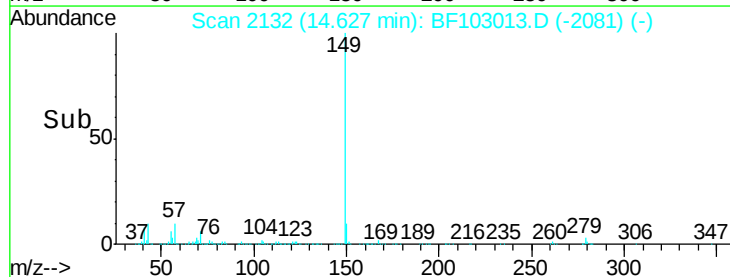
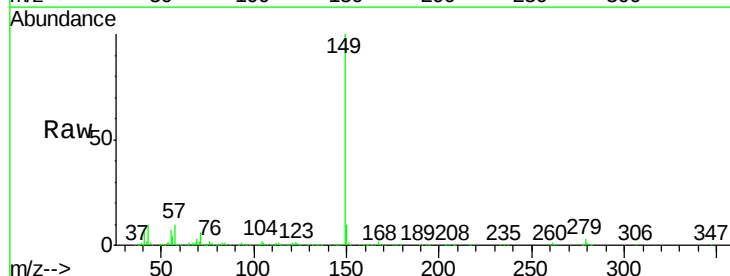
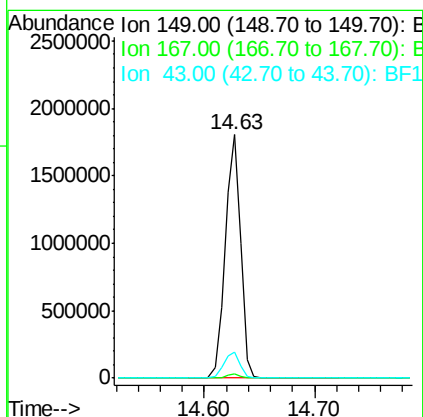
Manual Integrations
 APPROVED

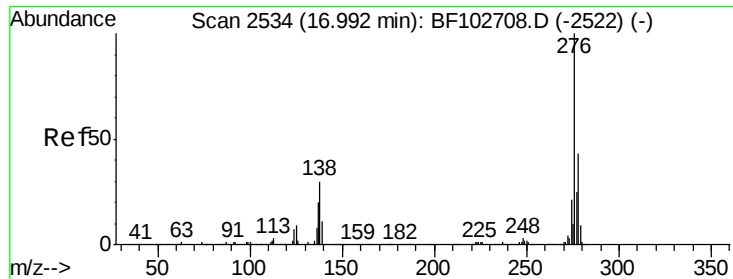
Sohil
 2/16/2018 2:31:11 PM



#84
 Di-n-octyl phthalate
 Concen: 53.235 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion:149 Resp: 1750497
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.0 8.4 12.6





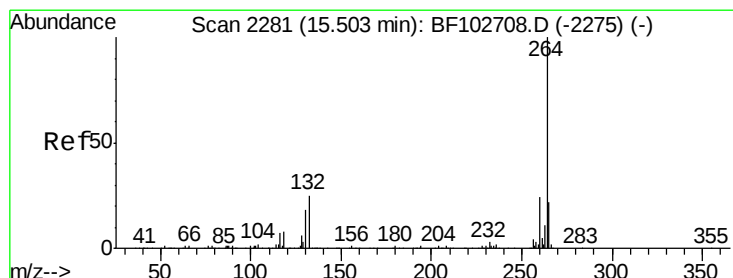
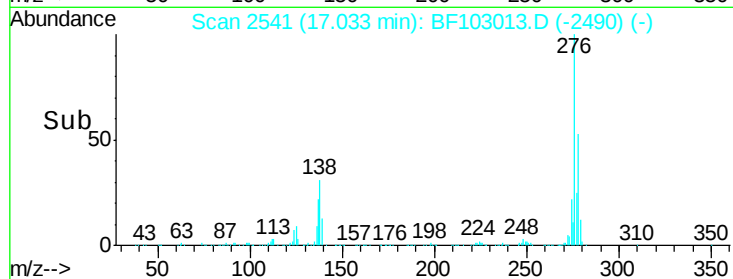
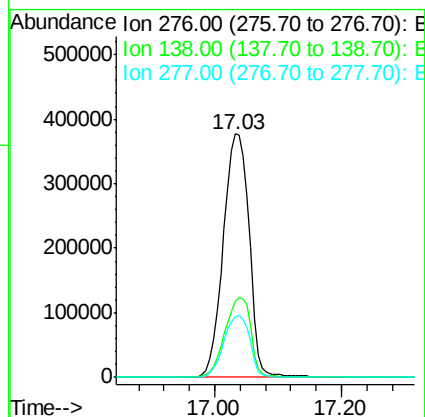
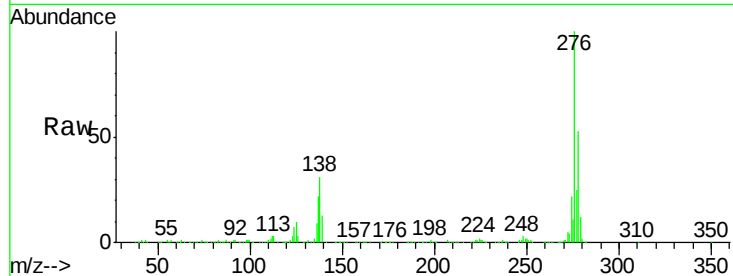
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.461 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.6	20.1	30.1

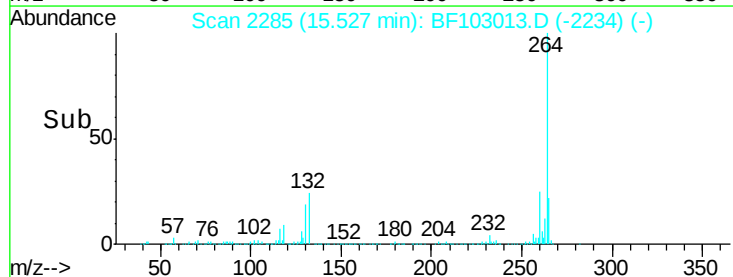
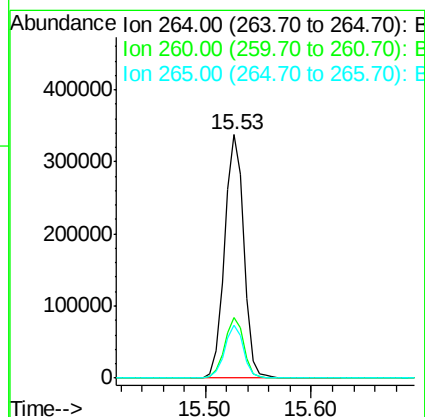
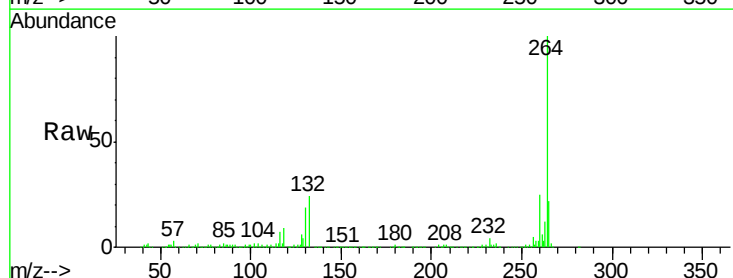
Manual Integrations
 APPROVED

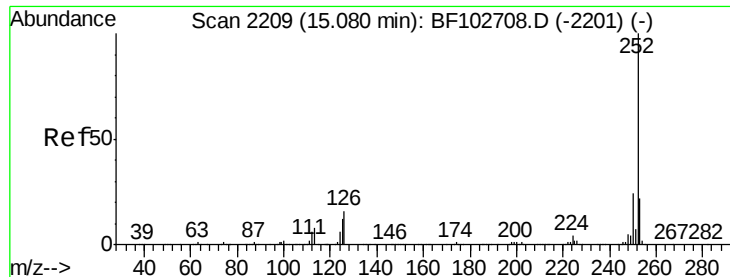
Sohil
 2/16/2018 2:31:11 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF103013.D
 Acq: 15 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.7	17.5	26.3





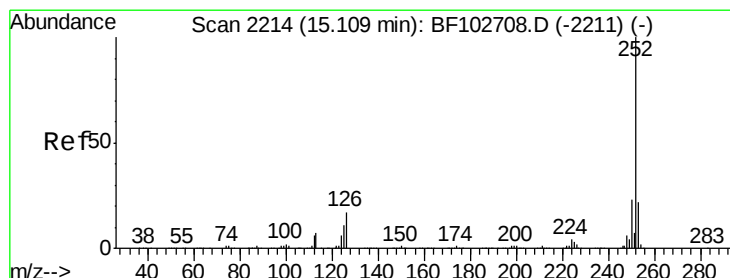
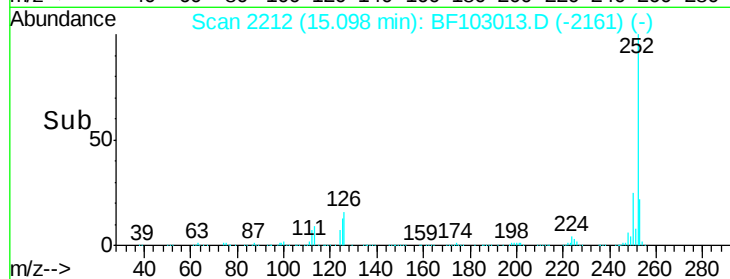
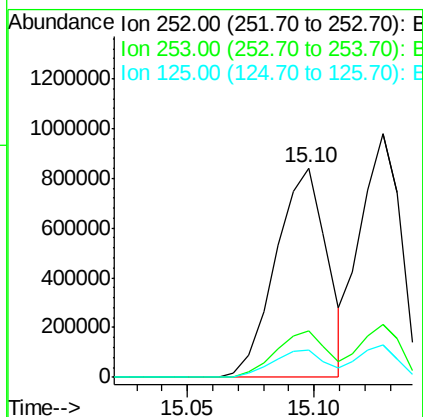
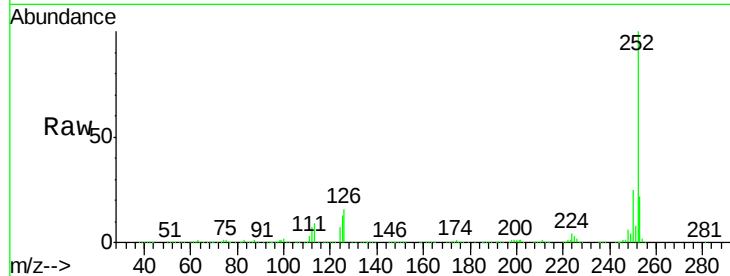
#87
Benzo(b)fluoranthene
Concen: 42.379 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion:252 Resp: 1180468
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.8 9.0 13.6

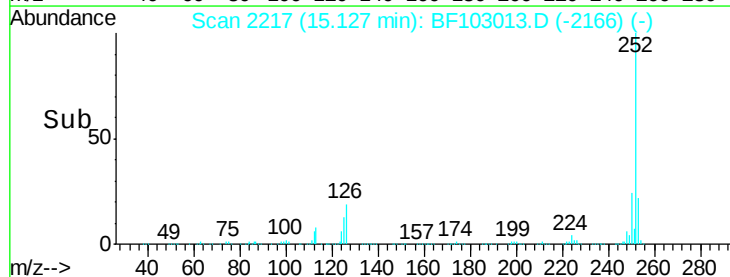
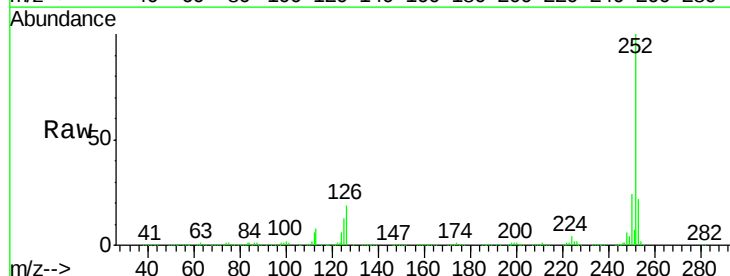
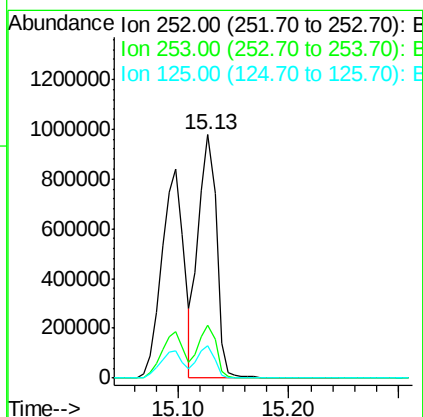
Manual Integrations
APPROVED

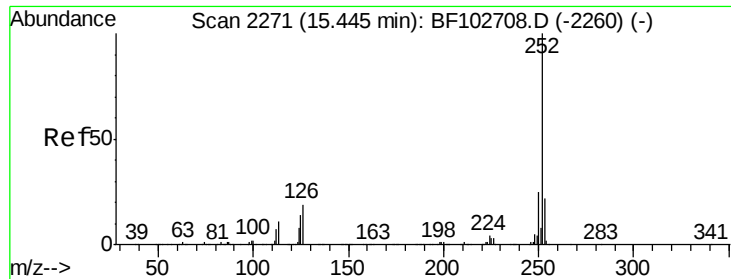
Sohil
2/16/2018 2:31:11 PM



#88
Benzo(k)fluoranthene
Concen: 41.137 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion:252 Resp: 1094872
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 13.1 10.2 15.2





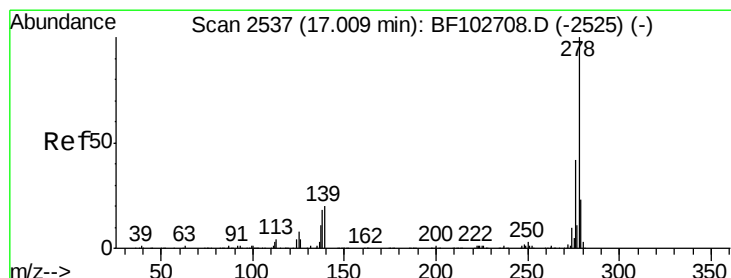
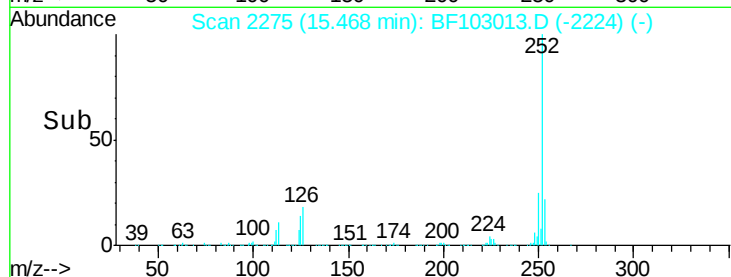
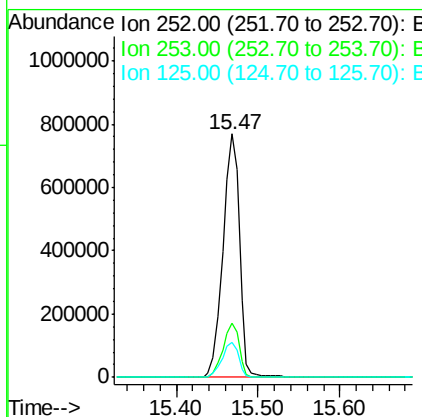
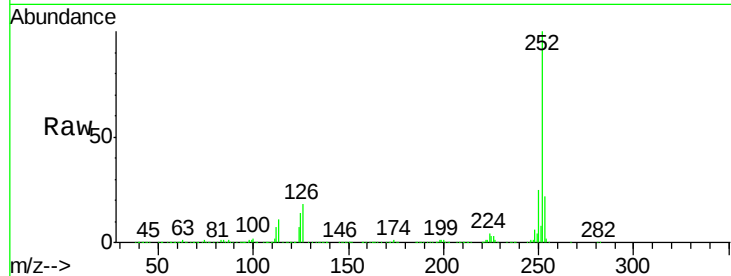
#89
Benzo(a)pyrene
Concen: 43.023 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106525BS

Tgt Ion: 252 Resp: 1078714
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.2 9.8 14.6

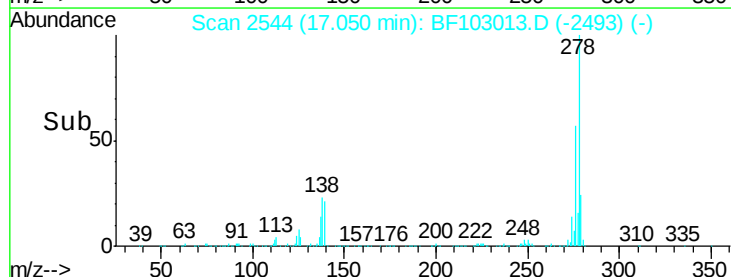
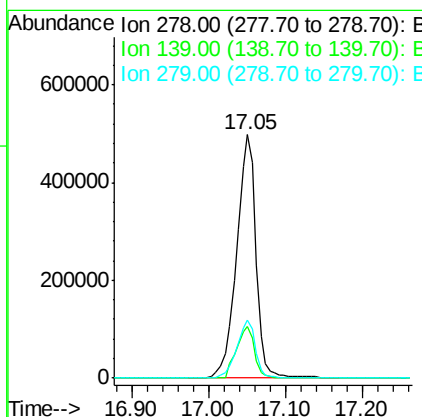
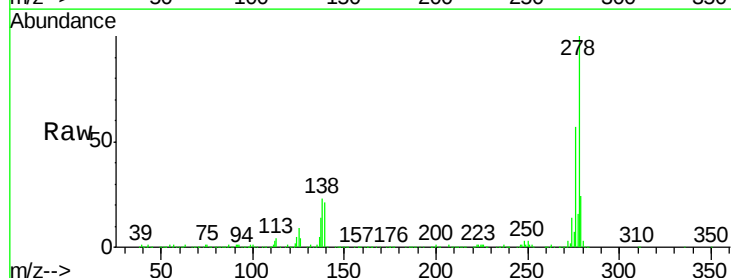
Manual Integrations
APPROVED

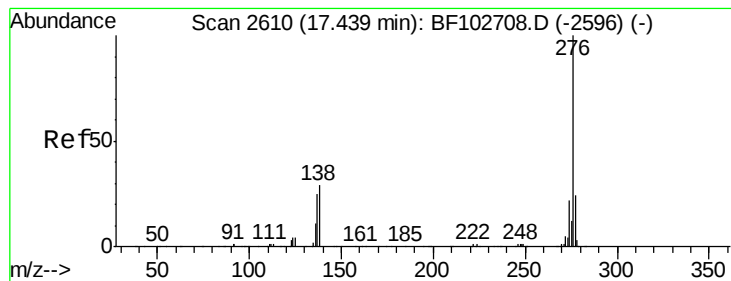
Sohil
2/16/2018 2:31:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.179 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BF103013.D
Acq: 15 Feb 2018 13:09

Tgt Ion: 278 Resp: 878729
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 45.588 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF103013.D

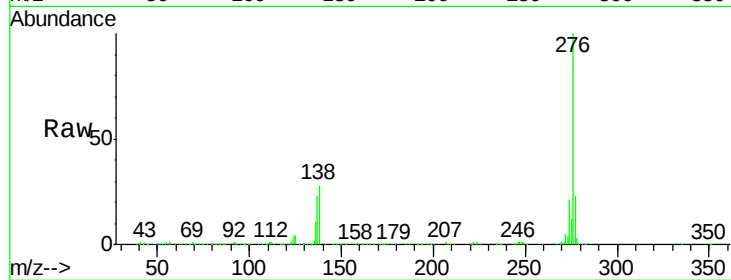
Acq: 15 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106525BS



Tgt Ion:	276	Resp:	908070
Ion Ratio		Lower	Upper
276	100		
277	23.3	17.9	26.9
138	27.7	21.8	32.8

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:11 PM

