

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103826.D
 Acq On : 21 Mar 2018 2:58
 Operator : JU/SJ
 Sample : PB107522BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:58:00 PM

Quant Time: Mar 21 04:46:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151996	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	640312	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	271516	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	474465	20.00	ng	0.01
75) Chrysene-d12	14.17	240	305171	20.00	ng	0.02
86) Perylene-d12	15.72	264	288505	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1136970	113.77	ng	0.02
7) Phenol-d6	6.60	99	1449639	118.57	ng	0.01
23) Nitrobenzene-d5	7.54	82	823671	89.71	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	327713	140.38	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1482176	87.08	ng	0.00
78) Terphenyl-d14	13.10	244	1203259	91.52	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	171086	34.769	ng	# 89
3) Pyridine	3.66	79	485452	35.868	ng	# 87
4) n-Nitrosodimethylamine	3.62	42	178578	35.785	ng	# 73
6) Aniline	6.63	93	263570	15.098	ng	97
8) 2-Chlorophenol	6.76	128	437063	41.750	ng	97
9) Benzaldehyde	6.52	77	138842	17.286	ng	98
10) Phenol	6.61	94	525321	40.436	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	415107	38.706	ng	97
12) 1,3-Dichlorobenzene	6.92	146	438621	36.788	ng	98
13) 1,4-Dichlorobenzene	6.99	146	443468	37.014	ng	97
14) 1,2-Dichlorobenzene	7.15	146	399579	35.941	ng	97
15) Benzyl Alcohol	7.11	79	344606	36.379	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	501750	32.893	ng	93
17) 2-Methylphenol	7.22	107	344015	36.902	ng	98
18) Hexachloroethane	7.48	117	149052	35.368	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	266848	34.057	ng	92
20) 3+4-Methylphenols	7.37	107	422945	35.749	ng	90
22) Acetophenone	7.38	105	536642	32.610	ng	# 93
24) Nitrobenzene	7.56	77	409014	37.943	ng	95
25) Isophorone	7.79	82	766842	36.077	ng	98
26) 2-Nitrophenol	7.87	139	216548	51.855	ng	93
27) 2,4-Dimethylphenol	7.90	122	411117	45.148	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	524567	40.755	ng	99
29) 2,4-Dichlorophenol	8.11	162	355021	42.854	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	360300	37.497	ng	99
31) Naphthalene	8.28	128	1215282	37.572	ng	99
32) Benzoic acid	8.00	122	203297	35.017	ng	95
33) 4-Chloroaniline	8.32	127	110712	8.159	ng	96
34) Hexachlorobutadiene	8.39	225	192342	36.510	ng	99
35) Caprolactam	8.70	113	118060m	41.386	ng	
36) 4-Chloro-3-methylphenol	8.80	107	385638	42.225	ng	98
37) 2-Methylnaphthalene	8.97	142	801616	39.080	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	331830	42.839	ng	99
40) Hexachlorocyclopentadiene	9.12	237	163544	40.917	ng	96

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103826.D
 Acq On : 21 Mar 2018 2:58
 Operator : JU/SJ
 Sample : PB107522BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

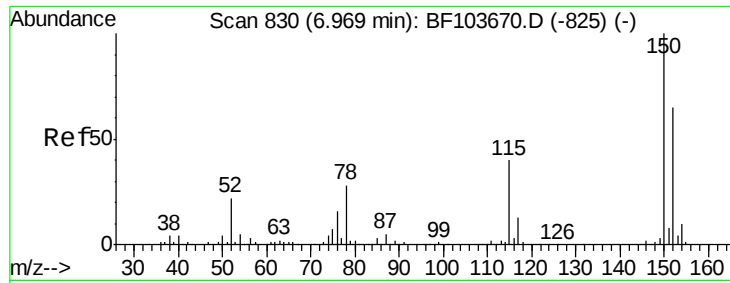
Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:58:00 PM

Quant Time: Mar 21 04:46:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	236457	47.725	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	248755	44.483	ng	98
45) 1,1'-Biphenyl	9.43	154	884901	39.085	ng	100
46) 2-Chloronaphthalene	9.46	162	700451	38.952	ng	98
47) 2-Nitroaniline	9.56	65	210412	45.193	ng	93
48) Acenaphthylene	9.88	152	1069006	38.336	ng	100
49) Dimethylphthalate	9.73	163	834773	40.298	ng	99
50) 2,6-Dinitrotoluene	9.80	165	186278	46.611	ng	90
51) Acenaphthene	10.05	154	666235	40.238	ng	99
52) 3-Nitroaniline	9.96	138	92100	21.467	ng	99
53) 2,4-Dinitrophenol	10.07	184	78449	70.034	ng	# 16
54) Dibenzofuran	10.23	168	945402	39.979	ng	99
55) 4-Nitrophenol	10.13	139	317556	83.499	ng	88
56) 2,4-Dinitrotoluene	10.20	165	242698	47.831	ng	# 91
57) Fluorene	10.57	166	753066	41.039	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	190352	48.038	ng	95
59) Diethylphthalate	10.43	149	839700	40.841	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	351539	41.919	ng	96
61) 4-Nitroaniline	10.59	138	182055	40.059	ng	93
62) Azobenzene	10.72	77	793947	37.982	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	66576	41.243	ng	86
65) n-Nitrosodiphenylamine	10.67	169	691568	42.822	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	212442	43.609	ng	# 87
67) Hexachlorobenzene	11.12	284	222220	39.967	ng	95
68) Atrazine	11.20	200	214938	43.023	ng	99
69) Pentachlorophenol	11.31	266	219052	68.528	ng	97
70) Phenanthrene	11.54	178	994555	38.319	ng	99
71) Anthracene	11.59	178	1044409	39.620	ng	100
72) Carbazole	11.74	167	968616	37.805	ng	99
73) Di-n-butylphthalate	12.06	149	1249144	40.632	ng	100
74) Fluoranthene	12.73	202	908202	33.966	ng	99
76) Benzidine	12.84	184	462316	35.520	ng	99
77) Pyrene	12.96	202	889356	39.683	ng	98
79) Butylbenzylphthalate	13.57	149	451881	45.509	ng	94
80) Benzo(a)anthracene	14.16	228	784679	40.621	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	237351	36.733	ng	97
82) Chrysene	14.20	228	724103	39.323	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	641622	45.232	ng	99
84) Di-n-octyl phthalate	14.76	149	1030791	49.949	ng	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	657886	40.911	ng	98
87) Benzo(b)fluoranthene	15.26	252	728445	39.965	ng	97
88) Benzo(k)fluoranthene	15.29	252	651385	37.177	ng	98
89) Benzo(a)pyrene	15.65	252	684201	41.386	ng	98
90) Dibenzo(a,h)anthracene	17.32	278	556825	38.898	ng	98
91) Benzo(g,h,i)perylene	17.79	276	533746	38.326	ng	95

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



#1

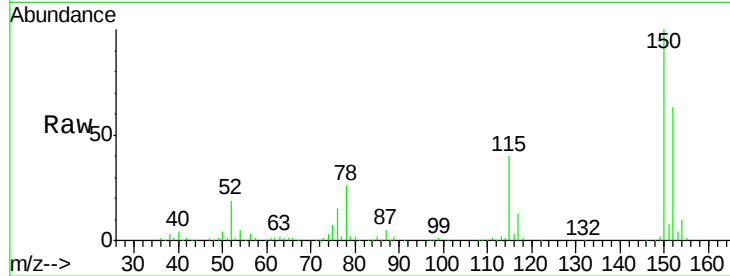
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

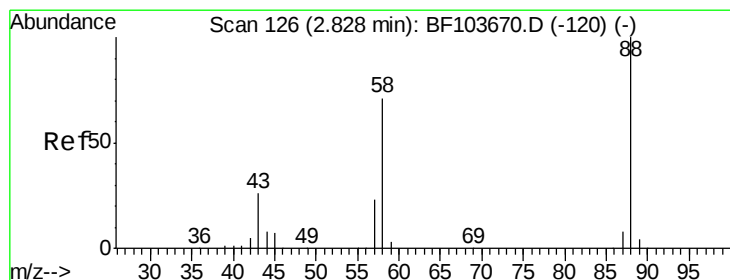
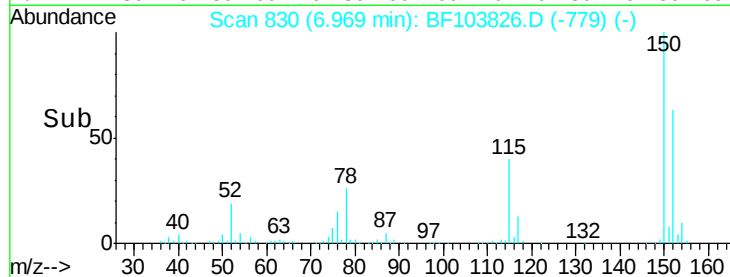
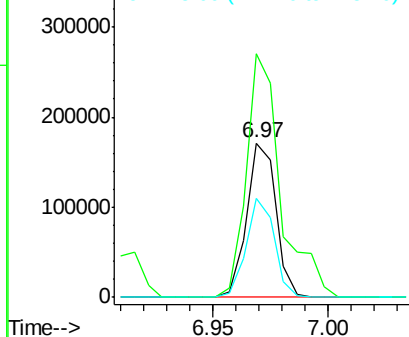
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	63.7	50.1	75.1

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

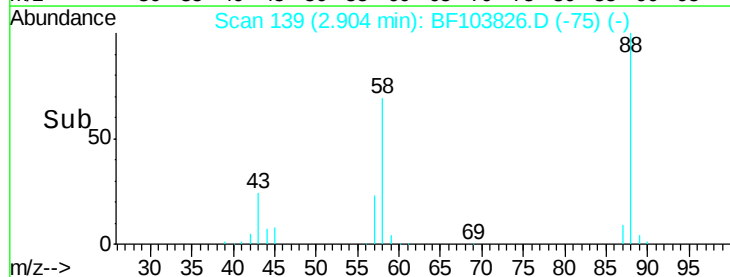
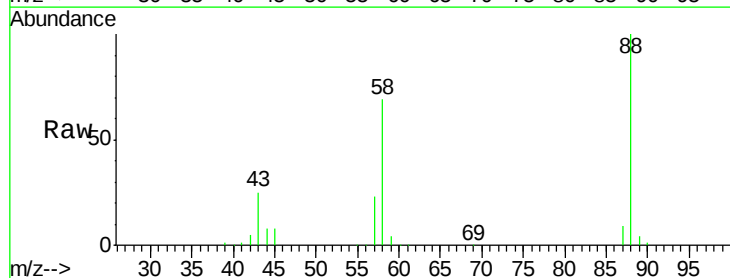
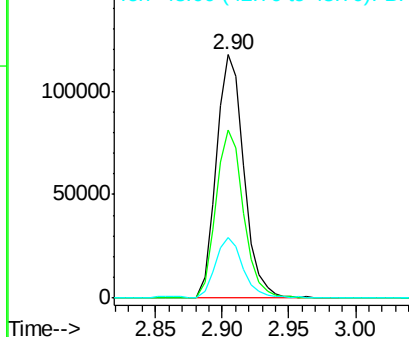


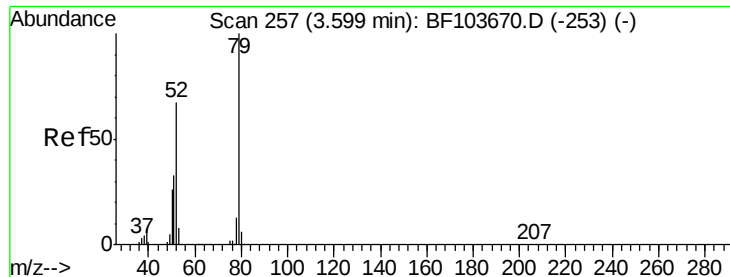
#2

1,4-Dioxane
Concen: 34.769 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.08 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	62.6	93.8
43	24.2	24.6	37.0

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.868 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.06 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

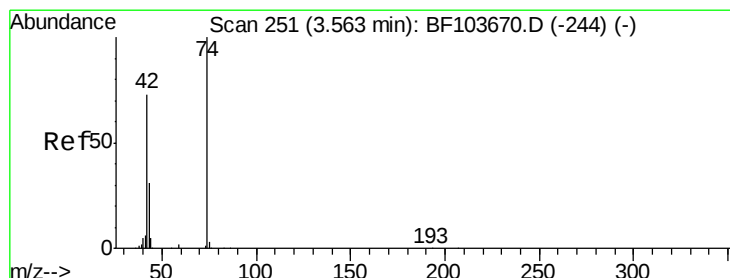
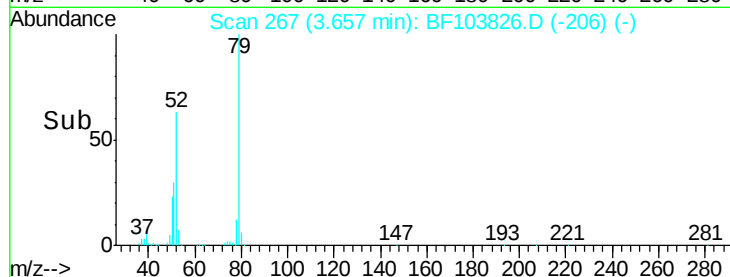
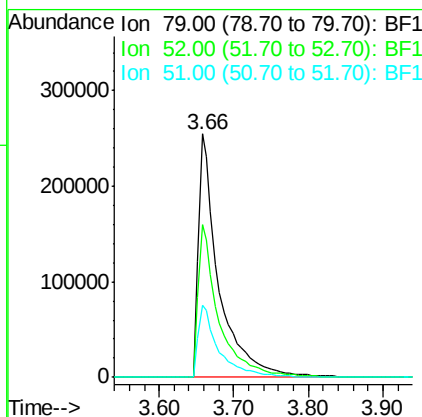
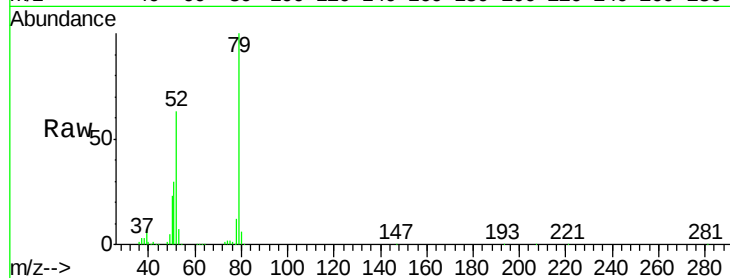
ClientSampleId :

PB107522BS

Tot Ion:	79	Resp:	485452
Ion Ratio		Lower	Upper
79	100		
52	63.0	59.8	89.6
51	29.7	29.8	44.8#

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#4

n-Nitrosodimethylamine

Concen: 35.785 ng

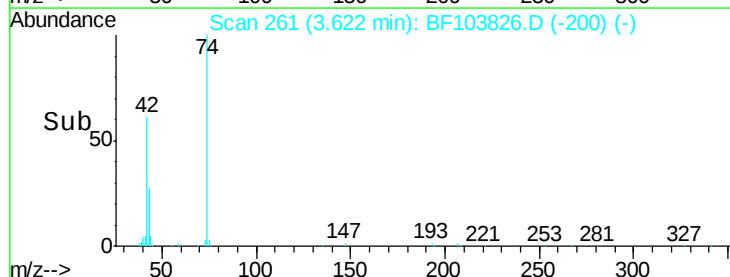
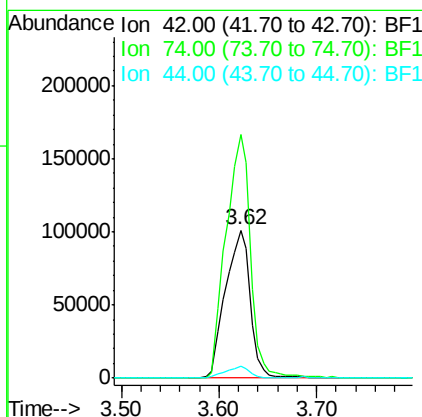
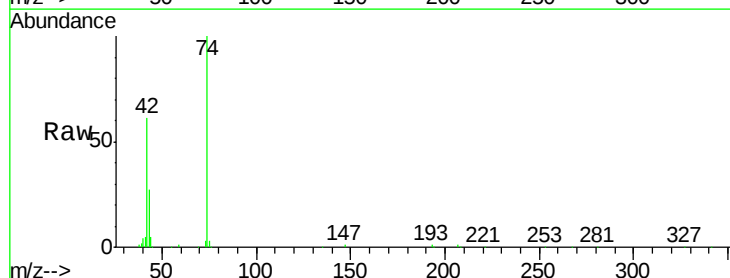
RT: 3.62 min Scan# 261

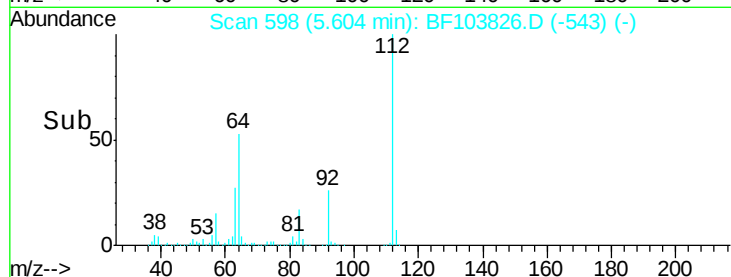
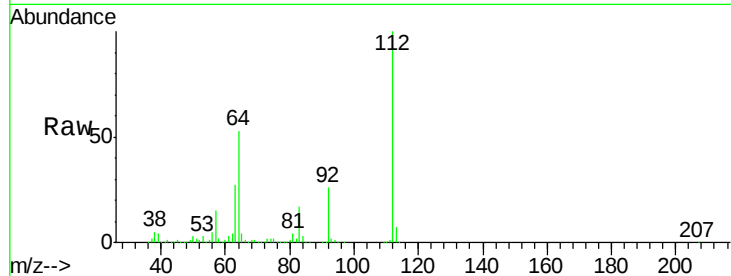
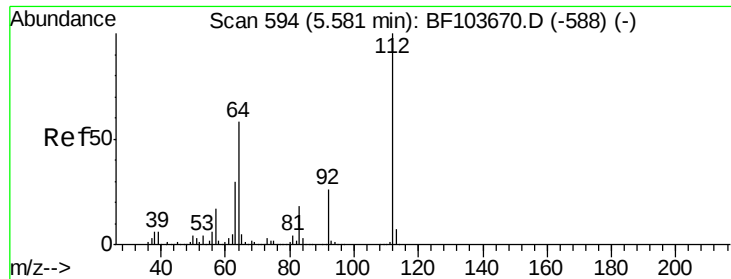
Delta R.T. 0.06 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:	42	Resp:	178578
Ion Ratio		Lower	Upper
42	100		
74	164.4	104.9	157.3#
44	7.8	6.9	10.3





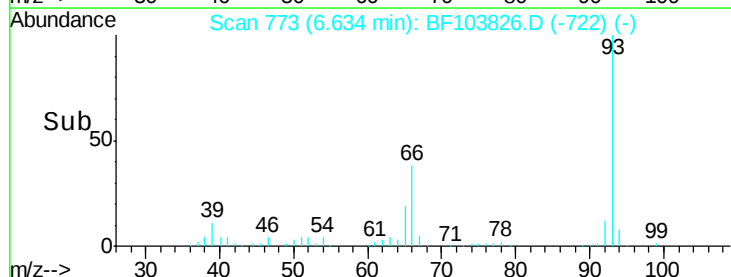
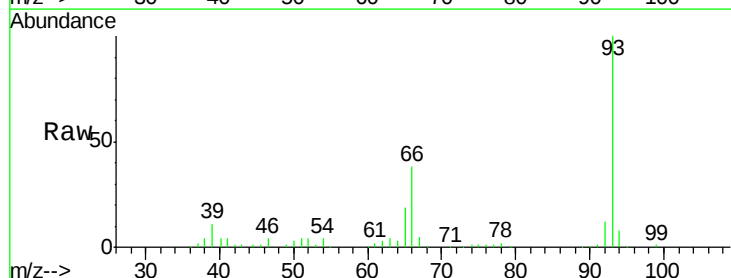
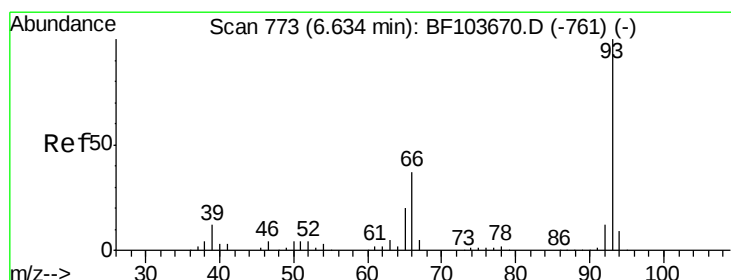
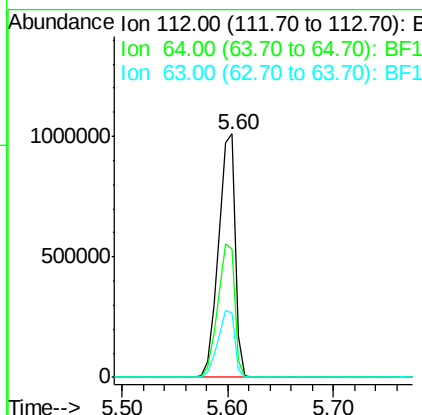
#5
2-Fluorophenol
Concen: 113.774 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tot Ion: 112 Resp: 1136970
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 26.5 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
PB107522BS

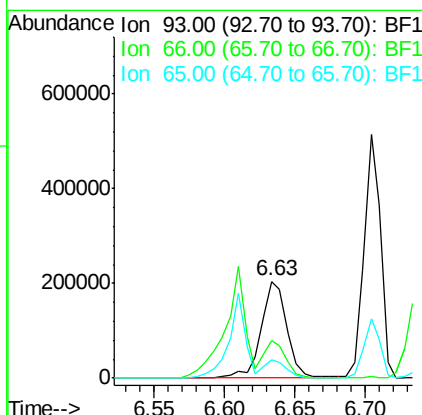
Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#6
Aniline
Concen: 15.098 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion: 93 Resp: 263570
Ion Ratio Lower Upper
93 100
66 38.4 32.2 48.2
65 18.7 16.4 24.6





#7

Phenol-d6

Concen: 118.570 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

PB107522BS

Tot Ion: 99 Resp: 1449639

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

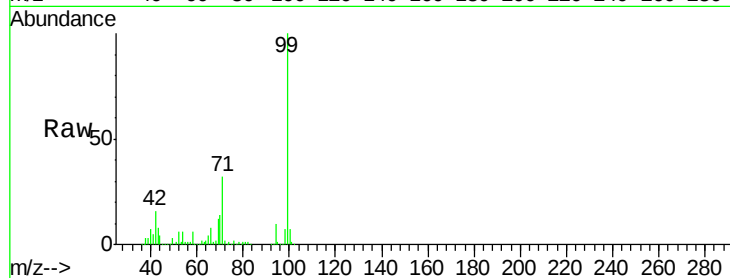
71 32.1 25.4 38.0

Manual Integrations

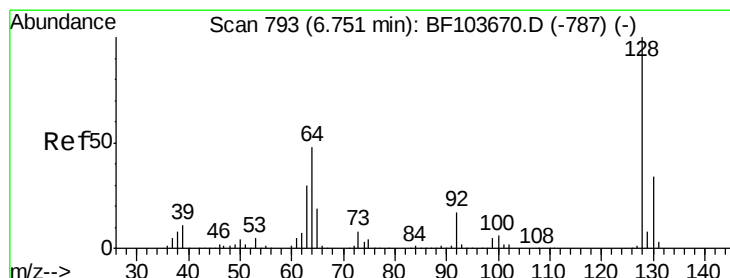
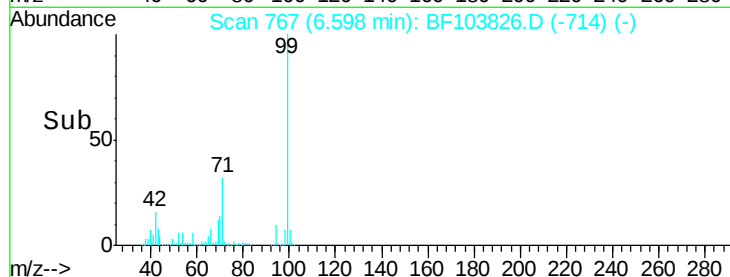
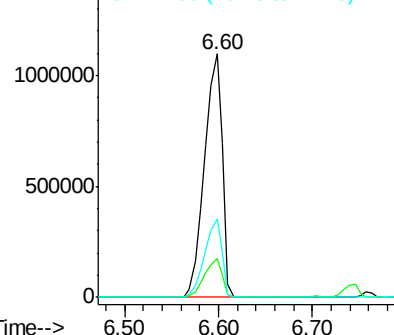
APPROVED

Sohil

3/22/2018 12:58:00 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: 41.750 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

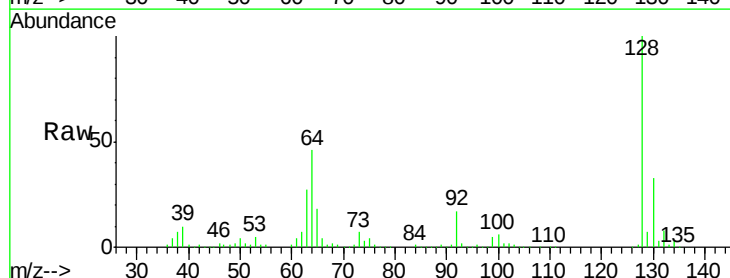
Tgt Ion: 128 Resp: 437063

Ion Ratio Lower Upper

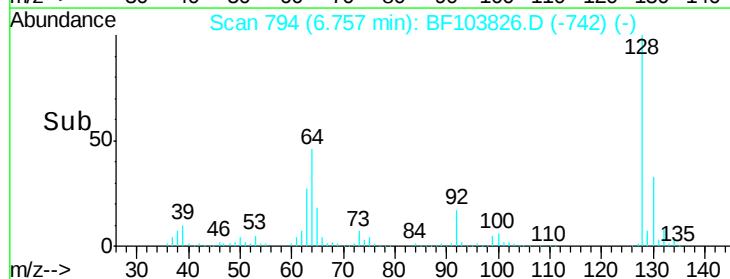
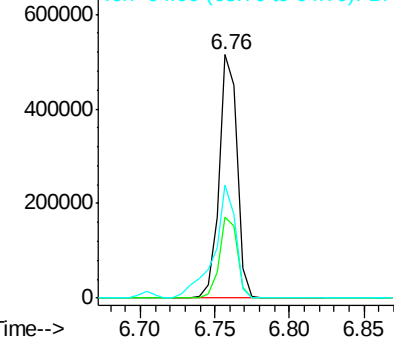
128 100

130 33.0 13.0 53.0

64 46.4 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





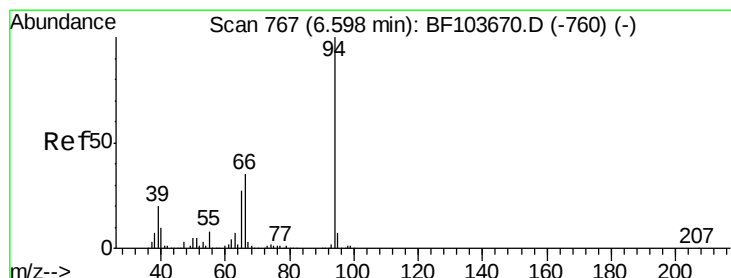
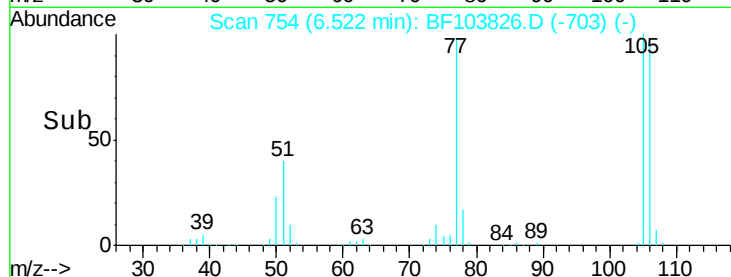
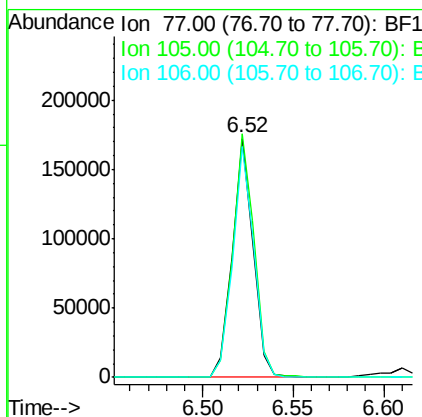
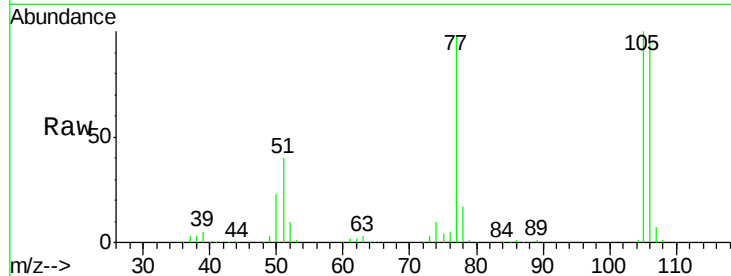
#9
Benzaldehyde
Concen: 17.286 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	96.7	74.5	114.5

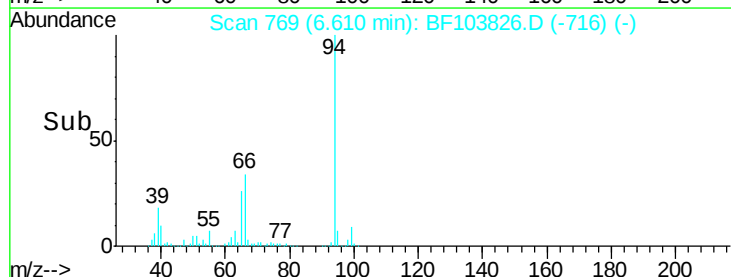
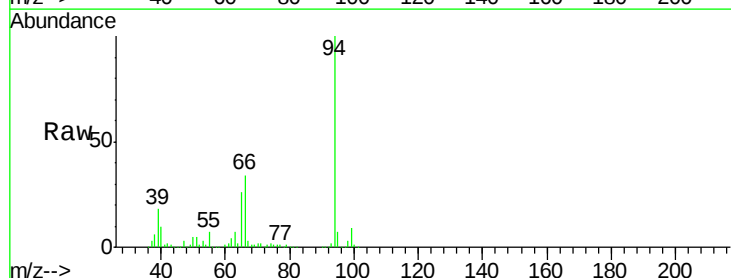
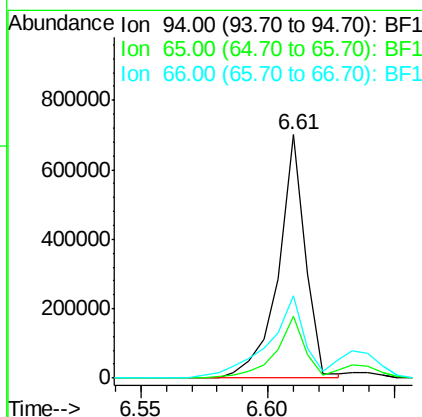
Manual Integrations
APPROVED

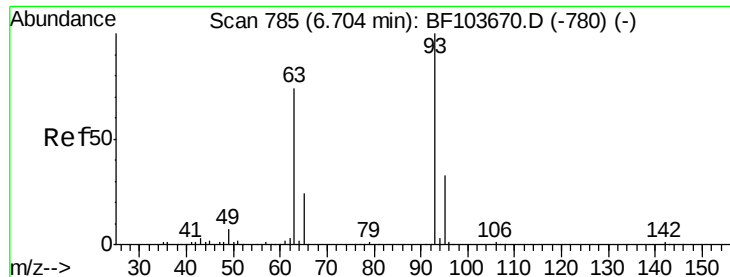
Sohil
3/22/2018 12:58:00 PM



#10
Phenol
Concen: 40.436 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	33.8	16.2	56.2





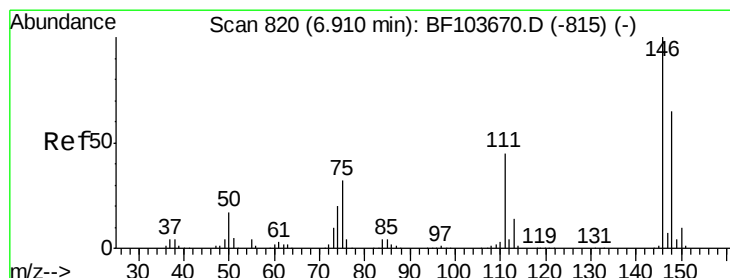
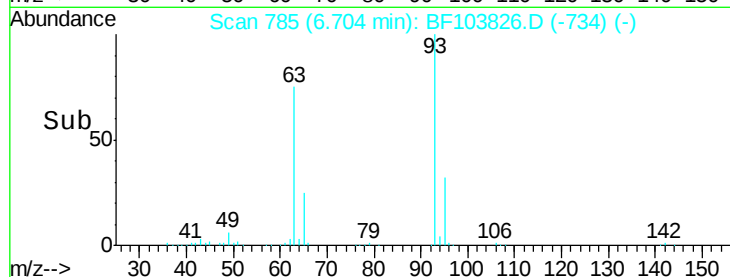
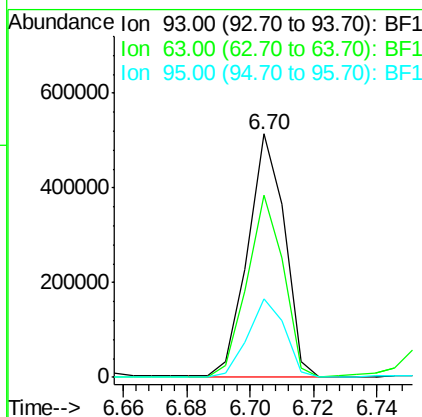
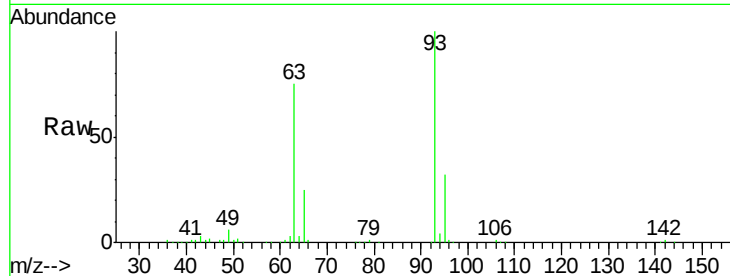
#11
bis(2-Chloroethyl)ether
Concen: 38.706 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion:	93	Resp:	415107
Ion Ratio	Lower	Upper	
93	100		
63	75.0	58.6	98.6
95	32.4	11.8	51.8

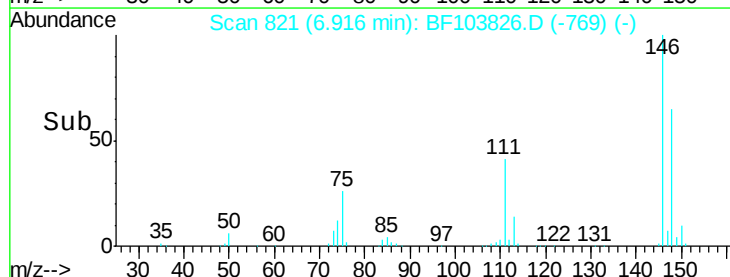
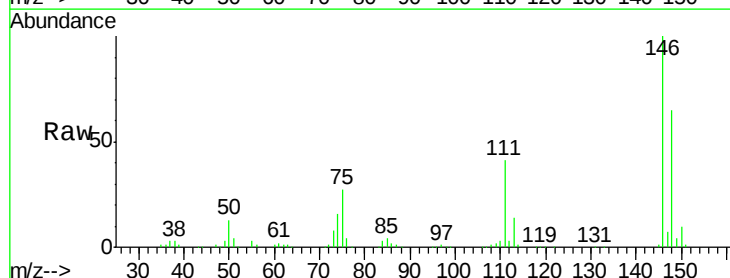
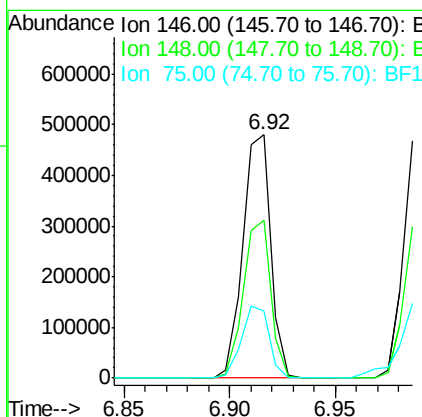
Manual Integrations
APPROVED

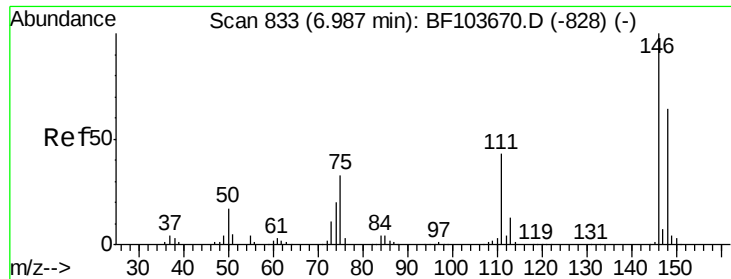
Sohil
3/22/2018 12:58:00 PM



#12
1,3-Dichlorobenzene
Concen: 36.788 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:	146	Resp:	438621
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
75	27.3	24.2	36.4





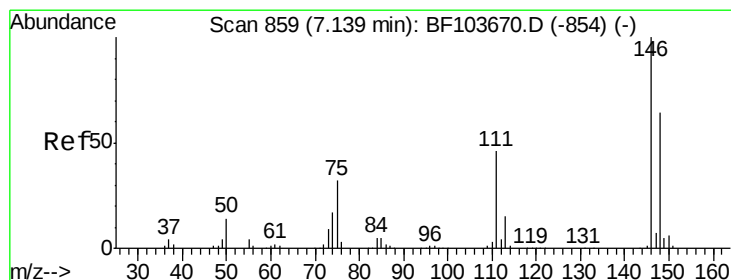
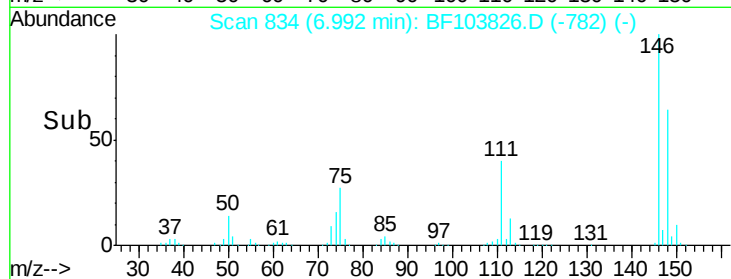
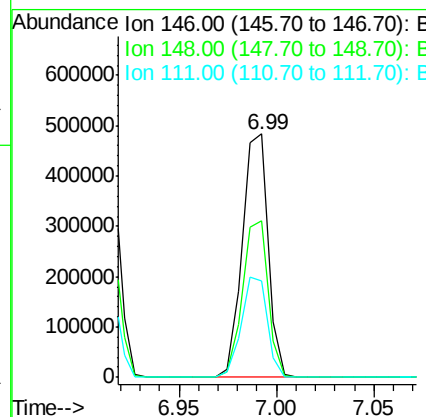
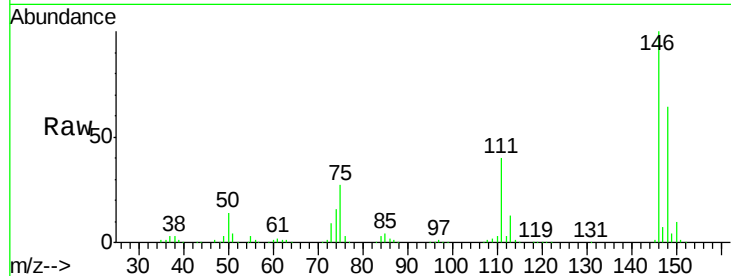
#13
 1,4-Dichlorobenzene
 Concen: 37.014 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.6	34.2	51.2

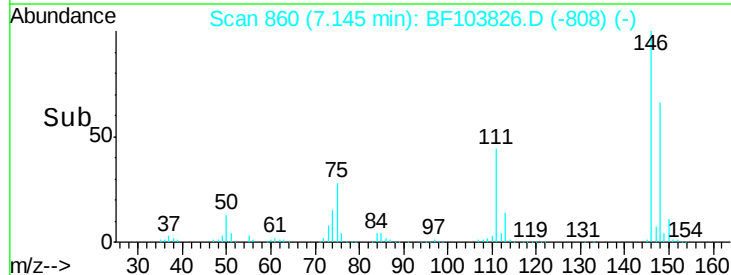
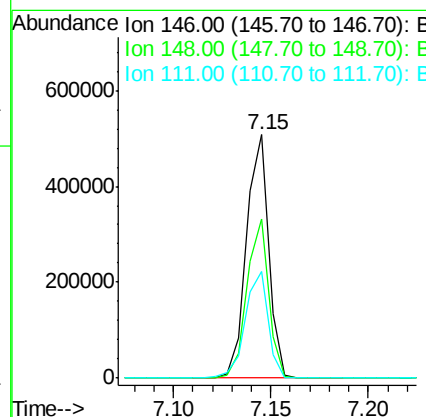
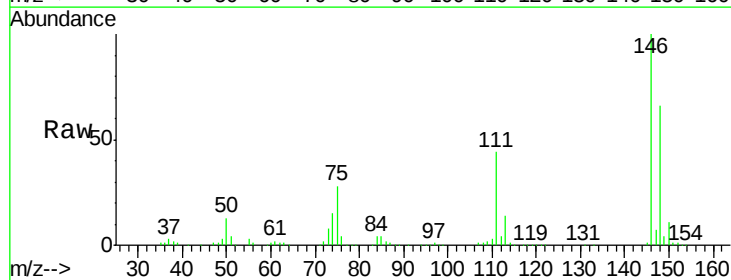
Manual Integrations
 APPROVED

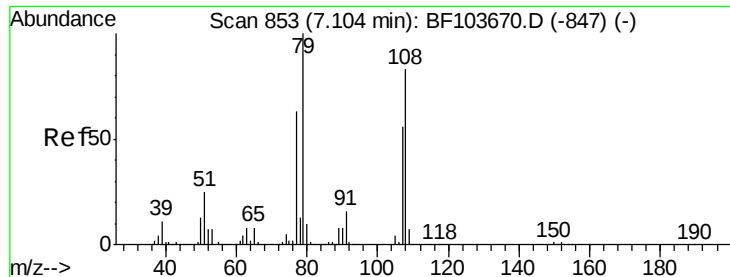
Sohil
 3/22/2018 12:58:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.941 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.379 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

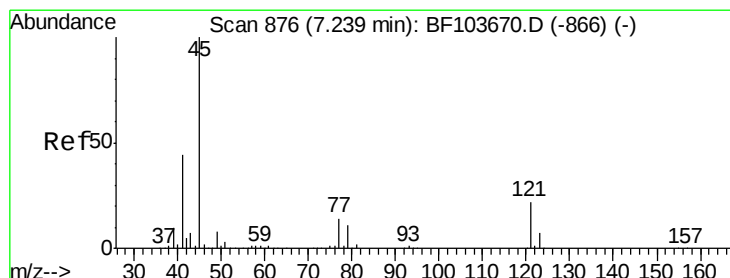
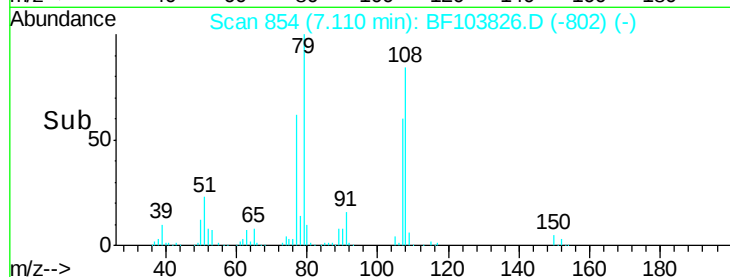
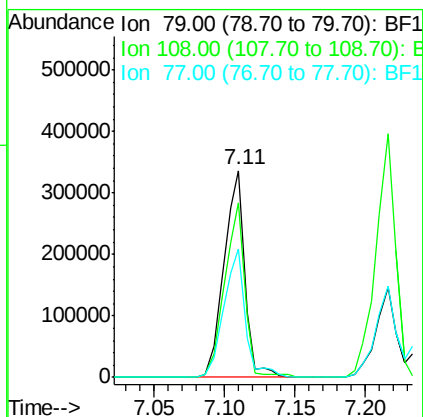
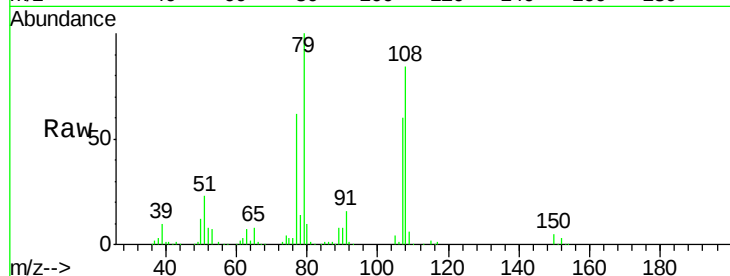
ClientSampled :

PB107522BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.2	65.1	97.7
77	62.0	50.6	75.8

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.893 ng

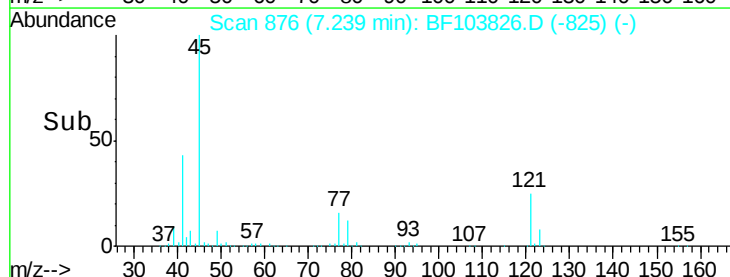
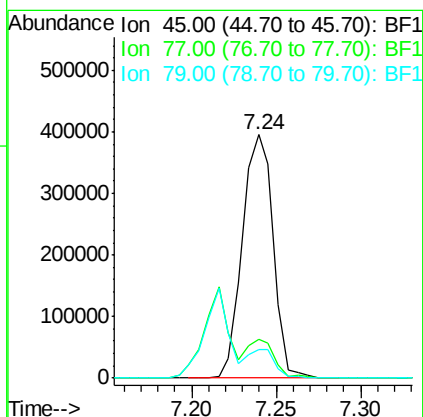
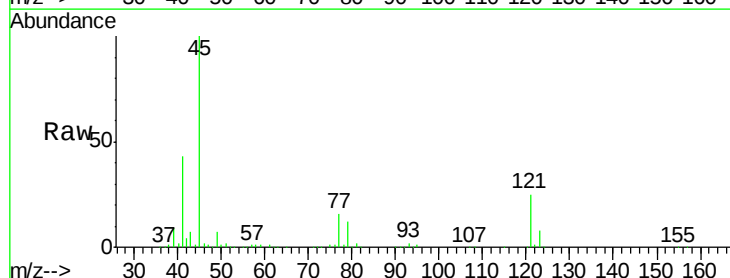
RT: 7.24 min Scan# 876

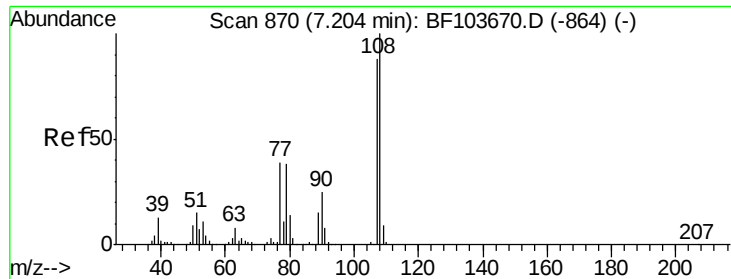
Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	32.9
79	11.8	0.0	29.6





#17

2-Methylphenol

Concen: 36.902 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

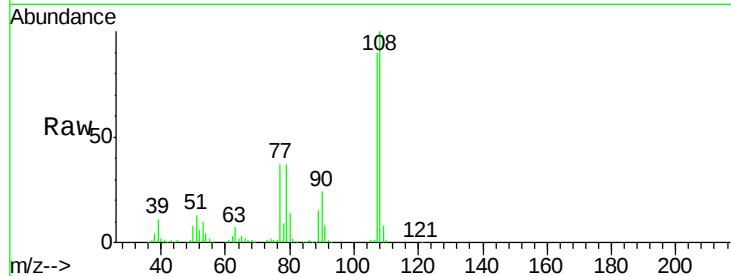
ClientSampleId :

PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	41.4	33.8	50.8	
79	41.1	33.8	50.8	

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM

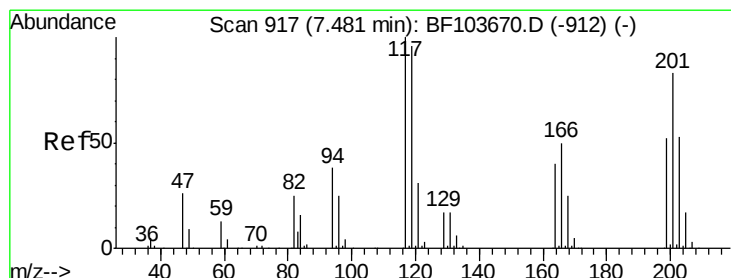
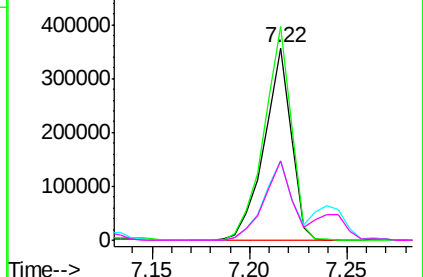
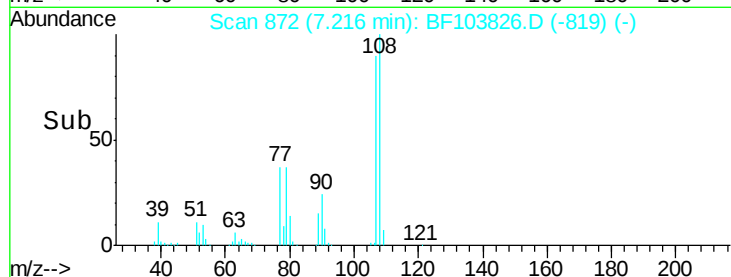


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.368 ng

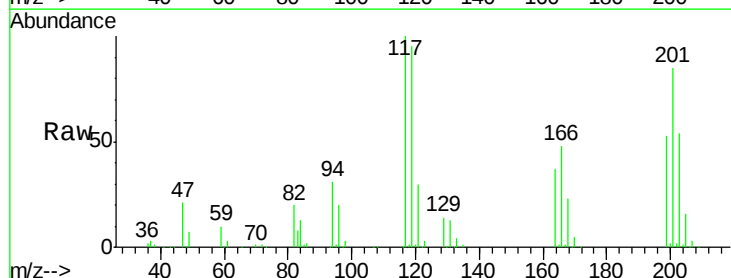
RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

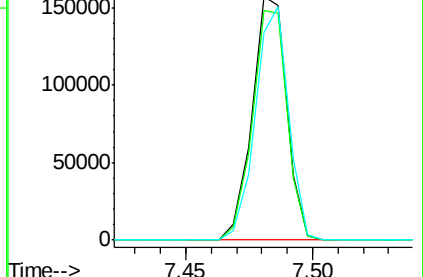
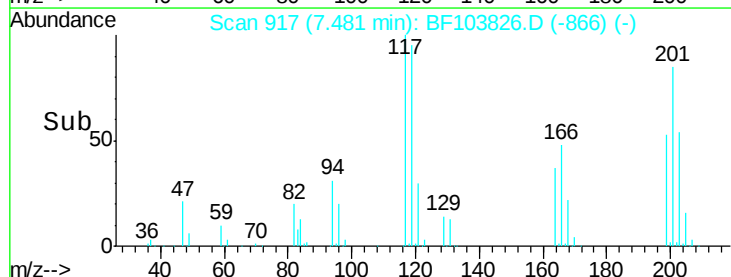
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.8	113.8	
201	85.5	75.7	113.5	

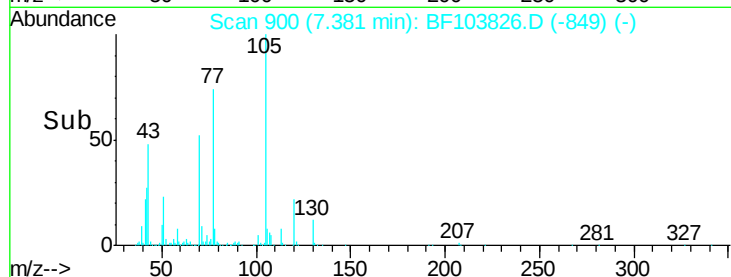
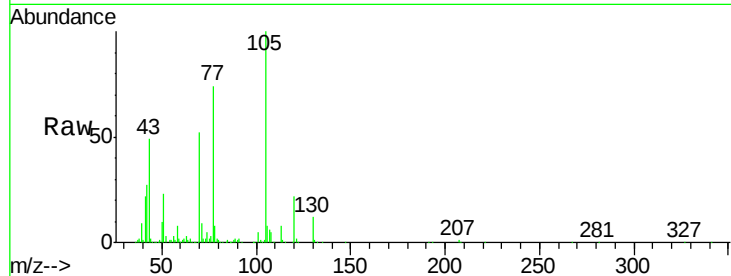
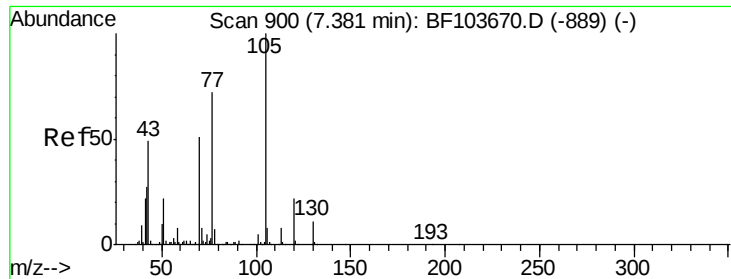


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





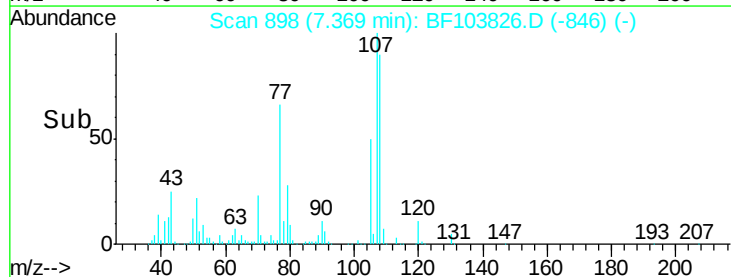
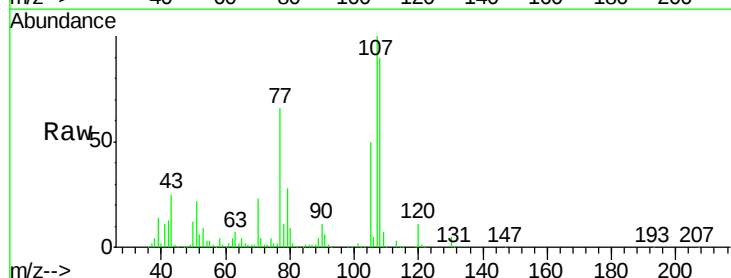
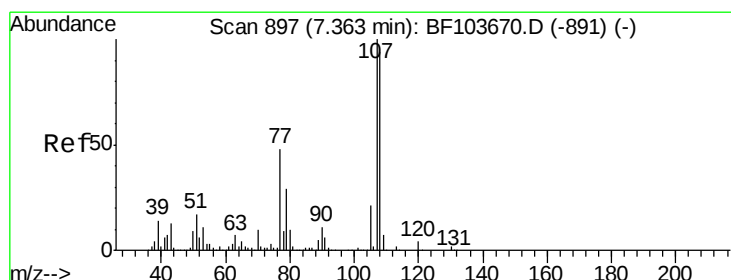
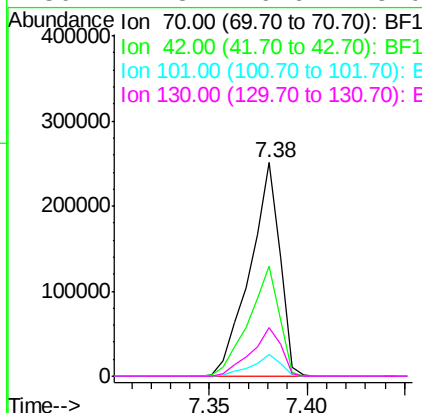
#19
n-Nitroso-di-n-propylamine
Concen: 34.057 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	70	Resp	266848
Ion Ratio	Lower	Upper	
70	100		
42	51.6	47.5	71.3
101	10.0	7.4	11.2
130	22.8	16.6	25.0

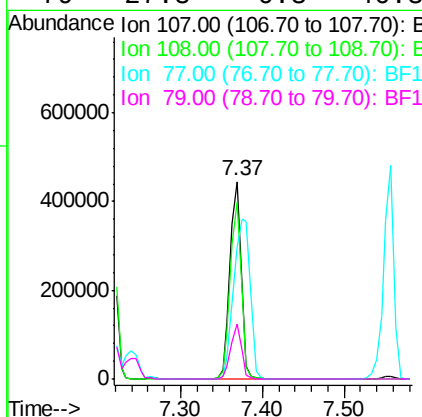
Manual Integrations
APPROVED

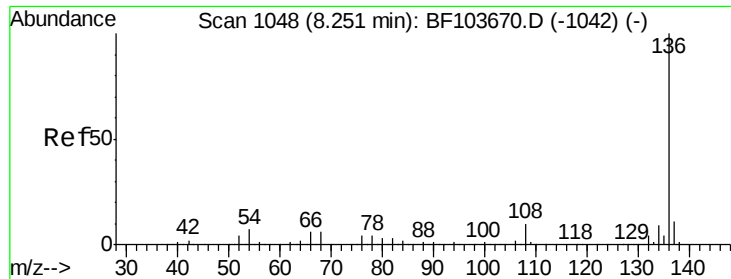
Sohil
3/22/2018 12:58:00 PM



#20
3+4-Methylphenols
Concen: 35.749 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	107	Resp	422945
Ion Ratio	Lower	Upper	
107	100		
108	89.7	68.2	108.2
77	66.5	26.7	66.7
79	27.8	6.3	46.3





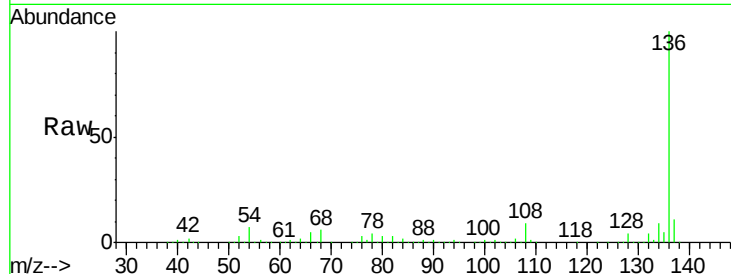
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampled :
PB107522BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



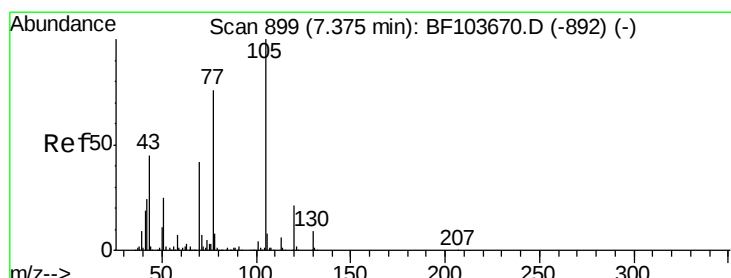
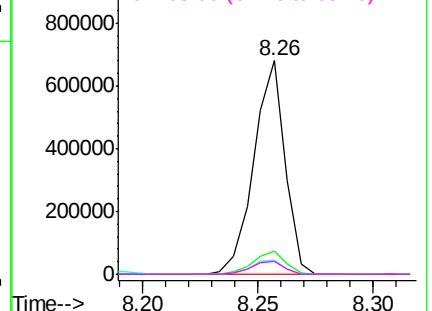
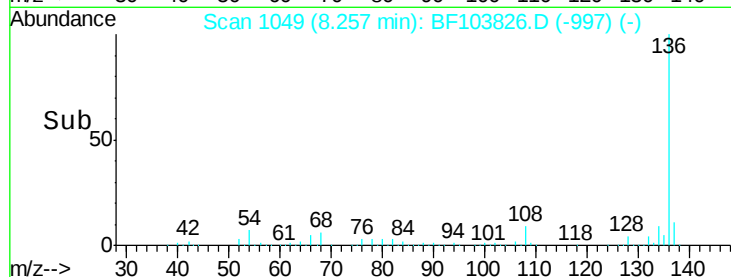
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

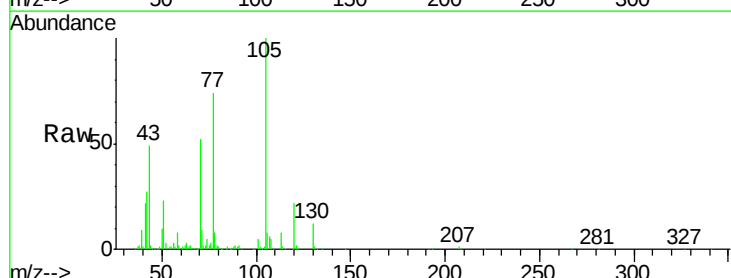
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 32.610 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	22.9	22.3	33.5
120	22.3	16.9	25.3



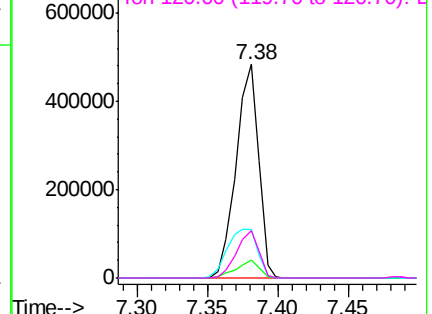
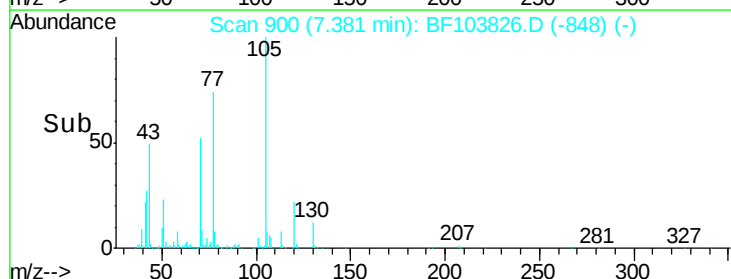
Abundance

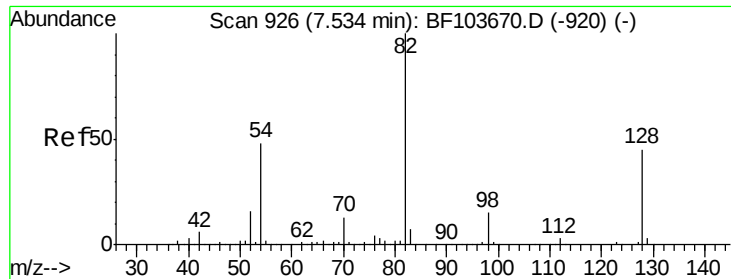
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





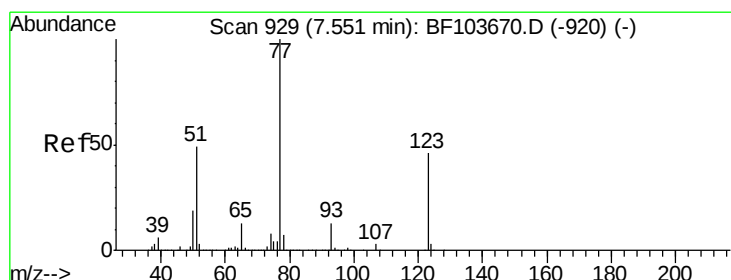
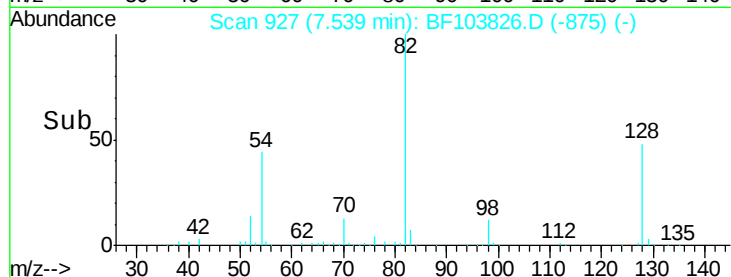
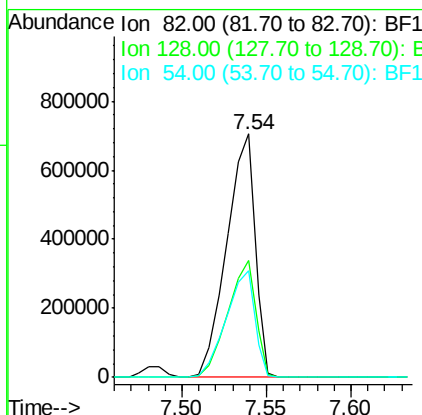
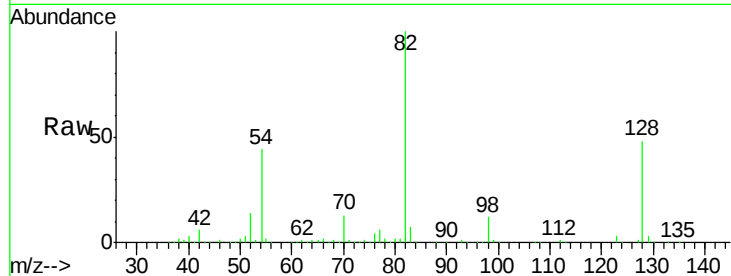
#23
Nitrobenzene-d5
Concen: 89.705 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	43.9	41.4	62.2

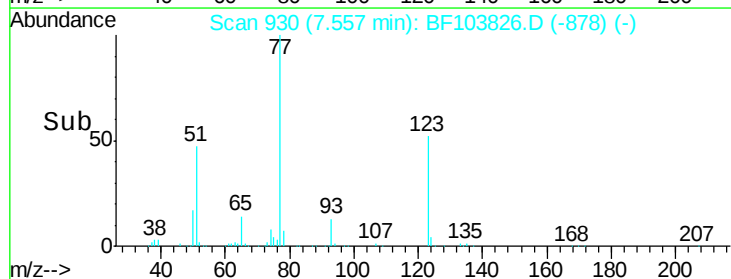
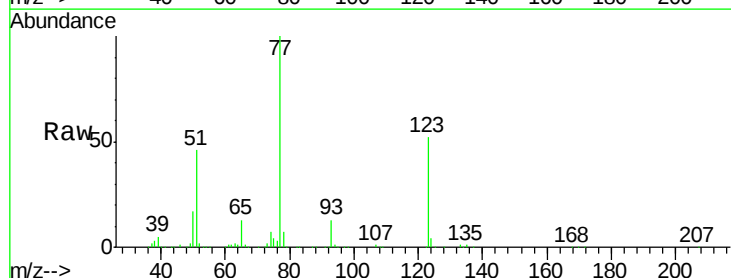
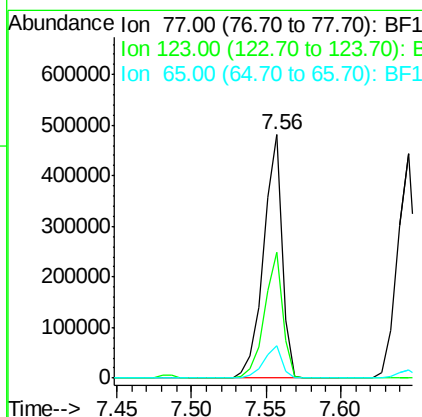
Manual Integrations
APPROVED

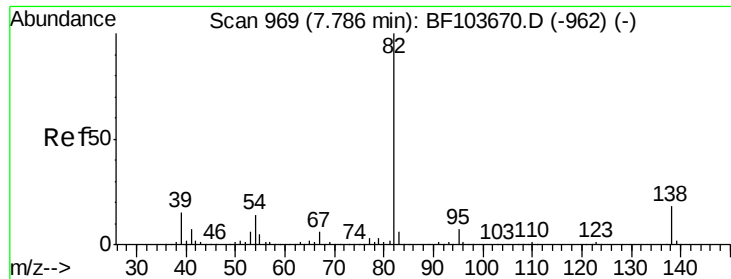
Sohil
3/22/2018 12:58:00 PM



#24
Nitrobenzene
Concen: 37.943 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 36.077 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

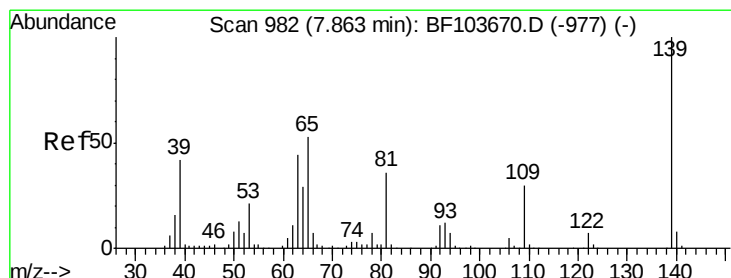
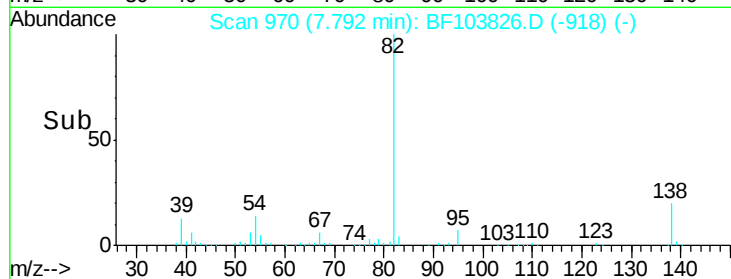
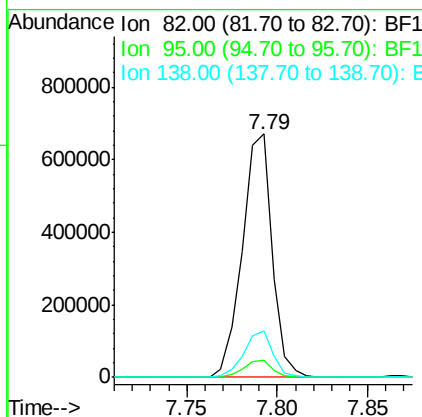
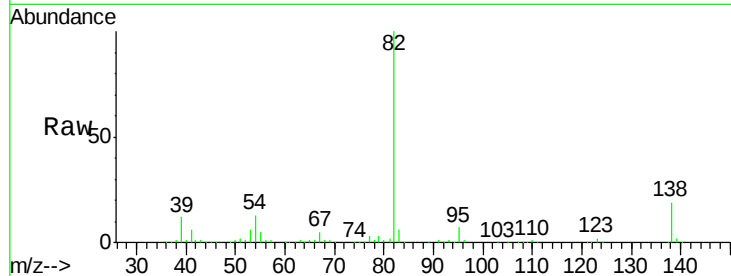
ClientSampleId :

PB107522BS

Tot Ion:	82	Resp:	766842
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	19.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#26

2-Nitrophenol

Concen: 51.855 ng

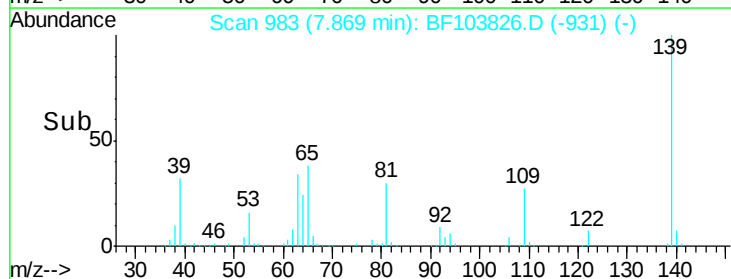
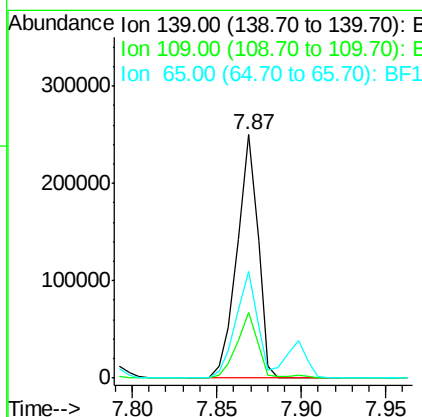
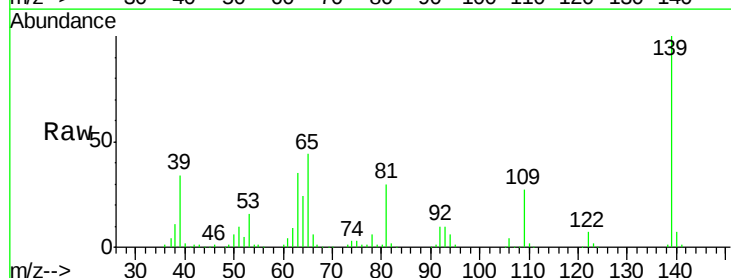
RT: 7.87 min Scan# 983

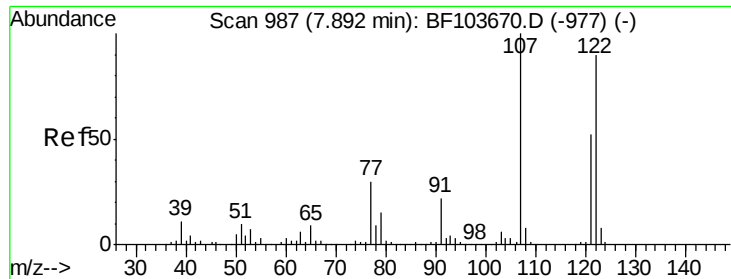
Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:	139	Resp:	216548
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	43.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.148 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

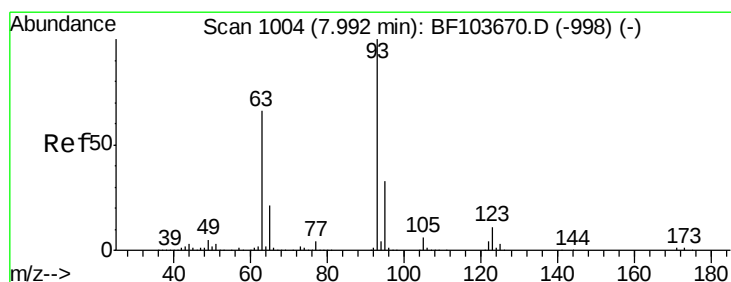
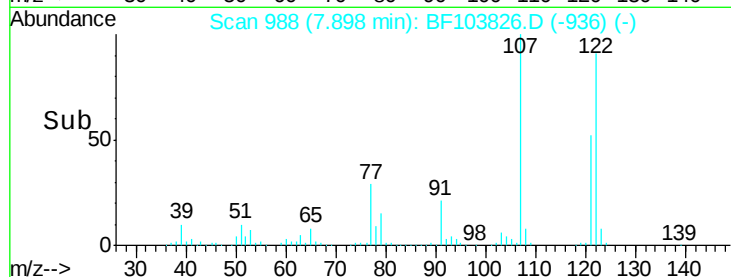
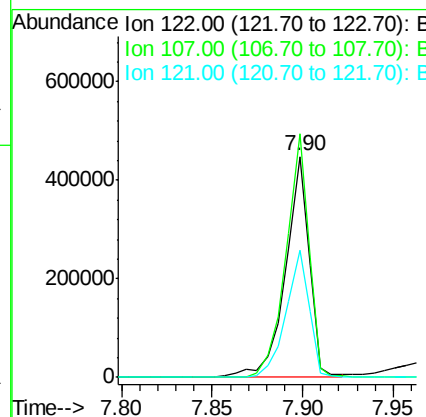
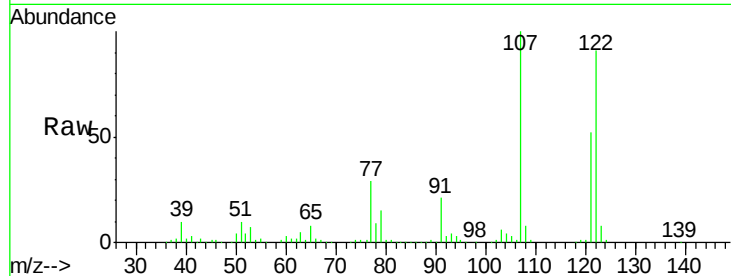
ClientSampleId :

PB107522BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	91.2	136.8
121	57.5	47.2	70.8

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.755 ng

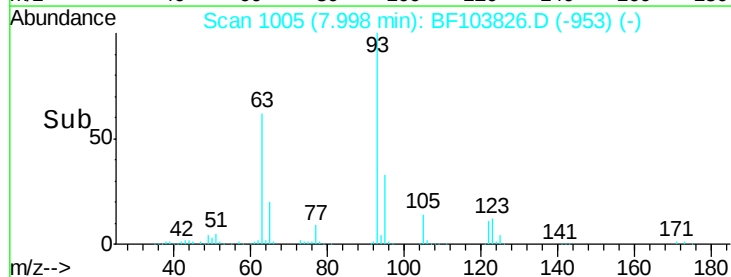
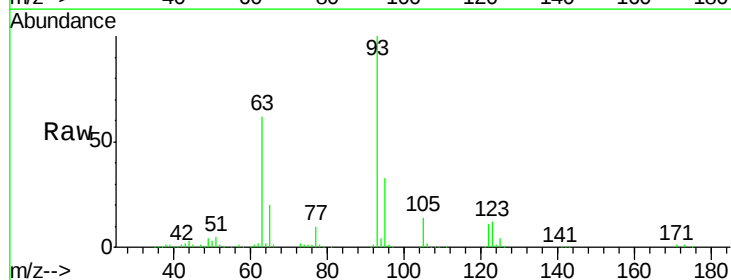
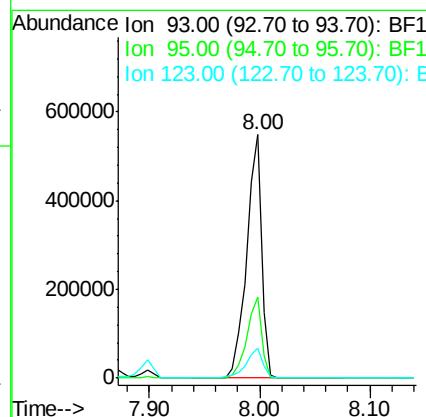
RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	12.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.854 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

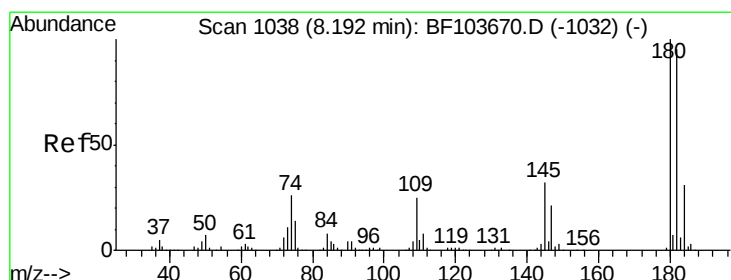
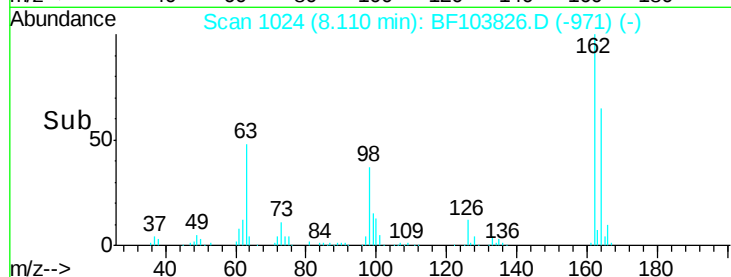
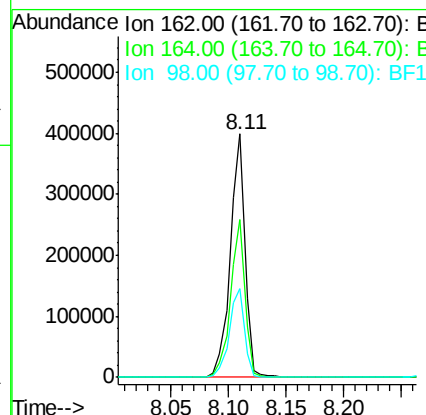
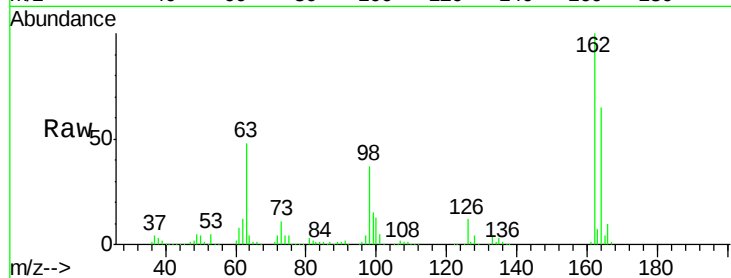
ClientSampleID :

PB107522BS

Tot Ion:	162	Resp:	355021
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	36.7	18.1	58.1

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#30

1,2,4-Trichlorobenzene

Concen: 37.497 ng

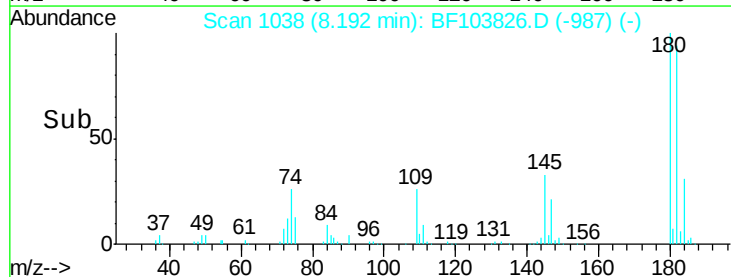
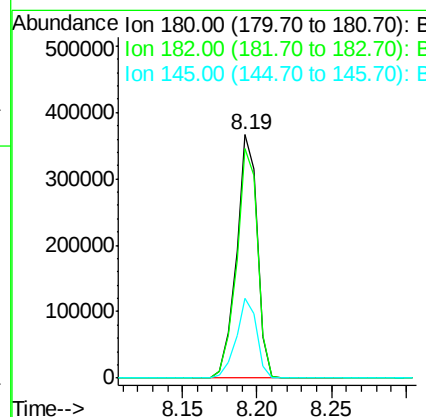
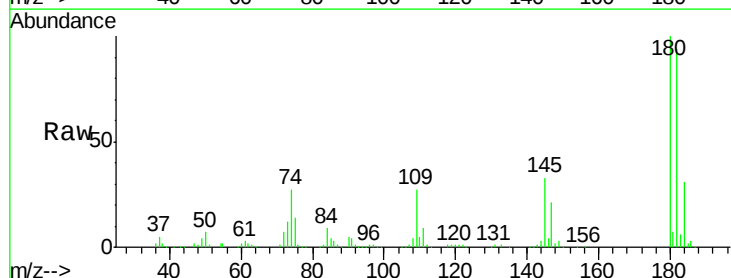
RT: 8.19 min Scan# 1038

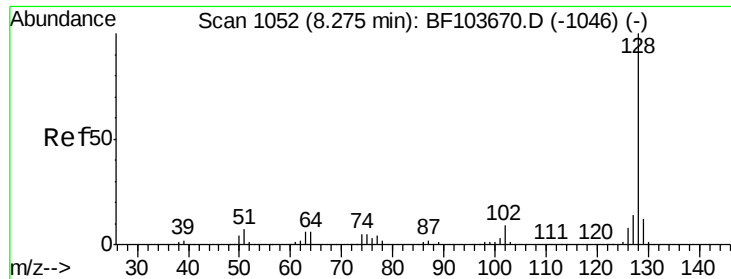
Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:	180	Resp:	360300
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.8	115.2
145	33.0	26.5	39.7





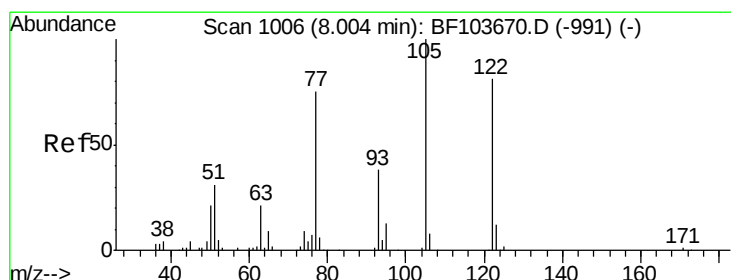
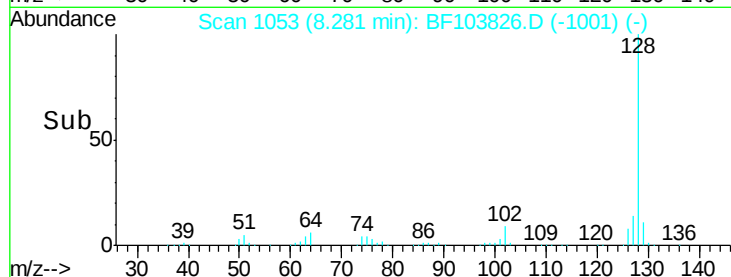
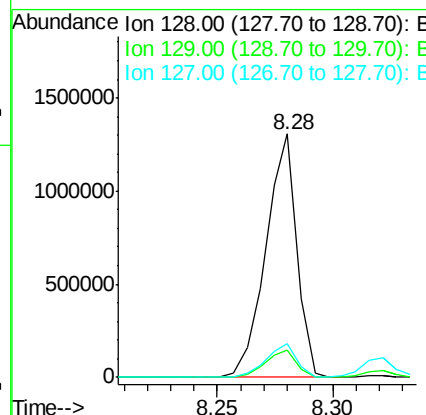
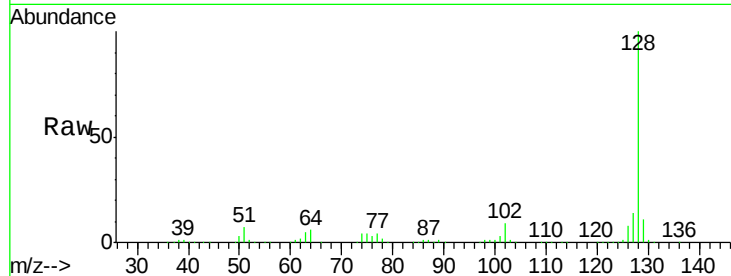
#31
Naphthalene
Concen: 37.572 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.9	16.3

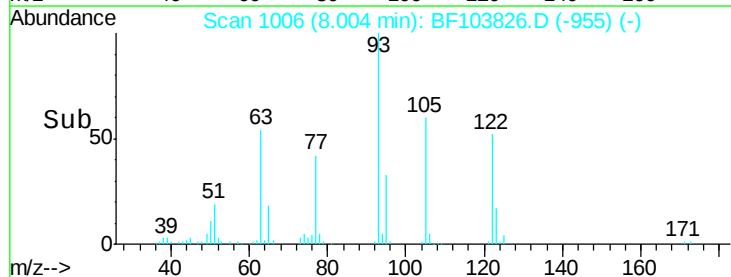
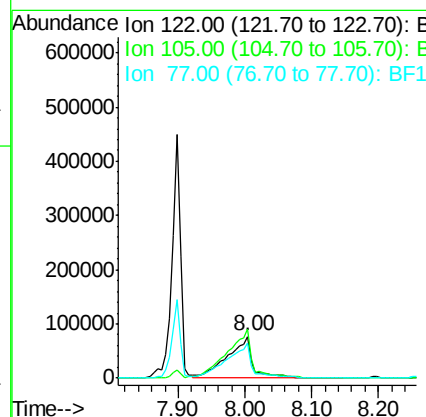
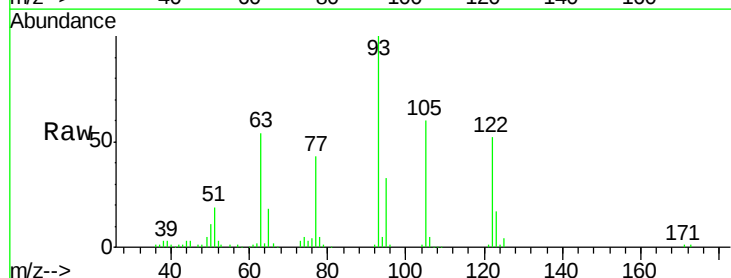
Manual Integrations
APPROVED

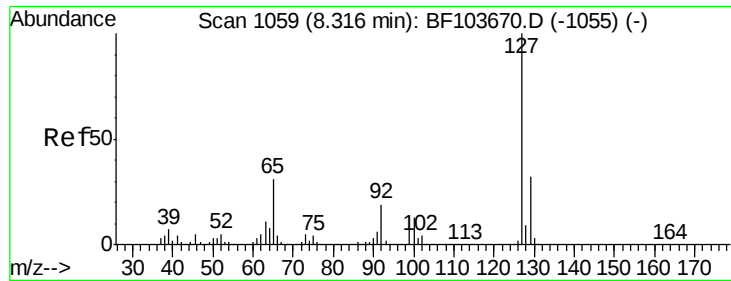
Sohil
3/22/2018 12:58:00 PM



#32
Benzoic acid
Concen: 35.017 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	101.1	141.1
77	83.9	70.7	110.7





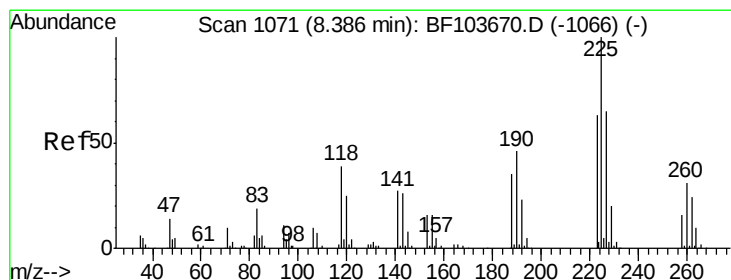
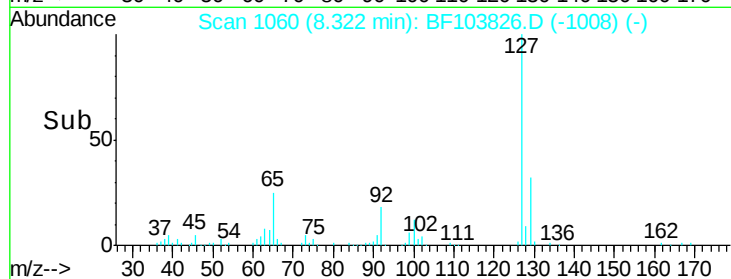
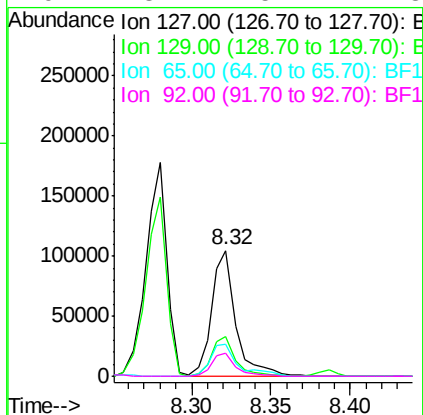
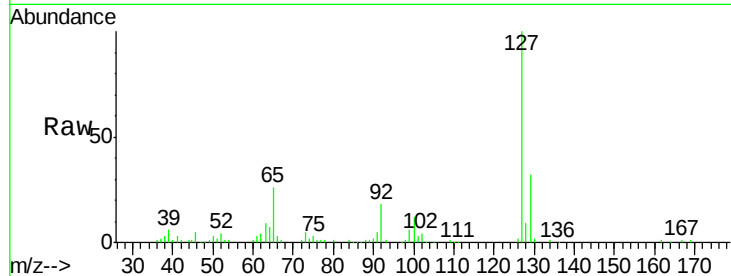
#33
4-Chloroaniline
Concen: 8.159 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	25.8	25.0	37.4		
92	18.2	15.2	22.8		

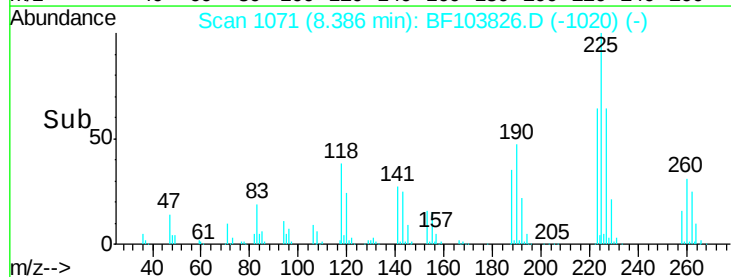
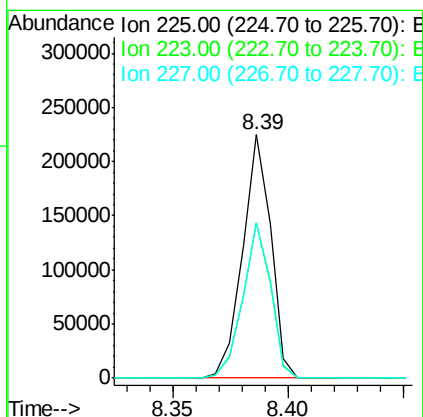
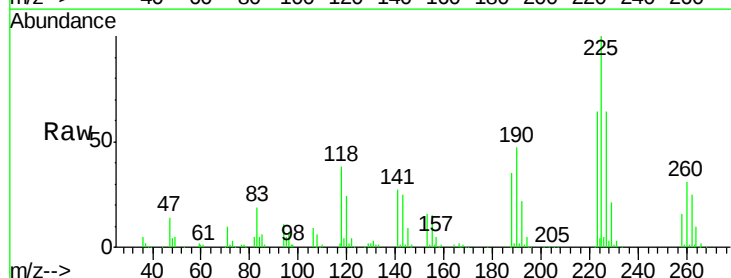
Manual Integrations
APPROVED

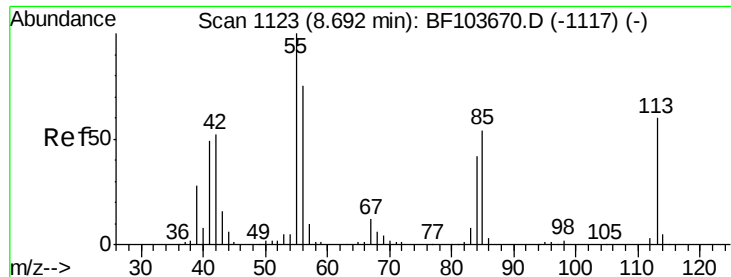
Sohil
3/22/2018 12:58:00 PM



#34
Hexachlorobutadiene
Concen: 36.510 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.6	76.0		
227	64.0	51.9	77.9		





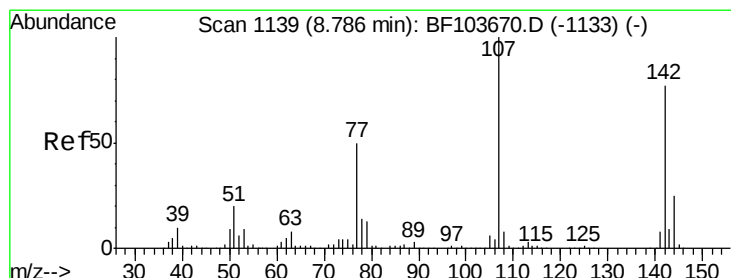
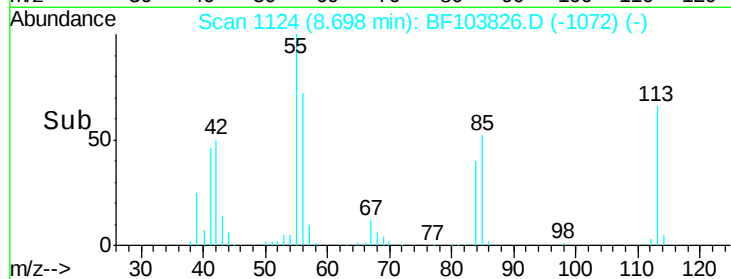
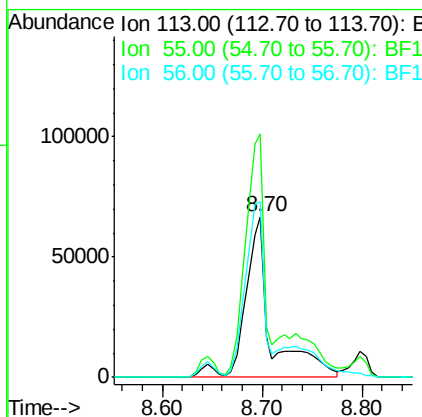
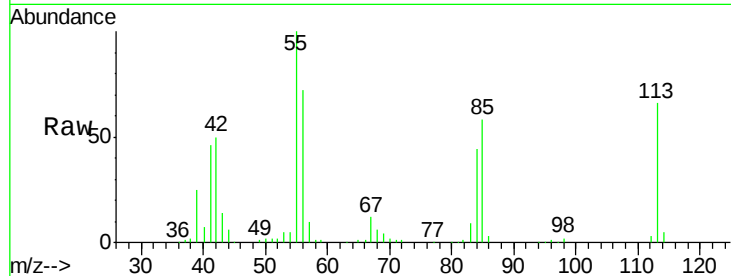
#35
Caprolactam
Concen: 41.386 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleID :
PB107522BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.7	163.3	203.3#
56	109.8	115.7	155.7#

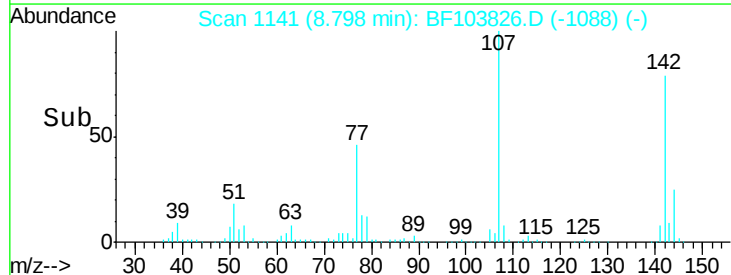
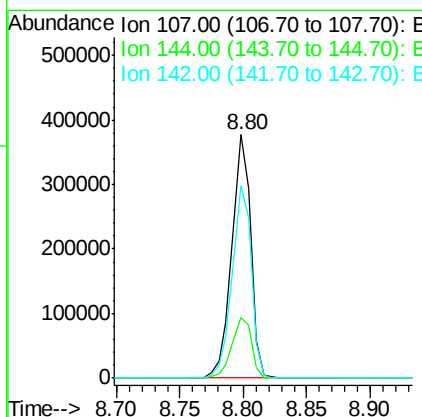
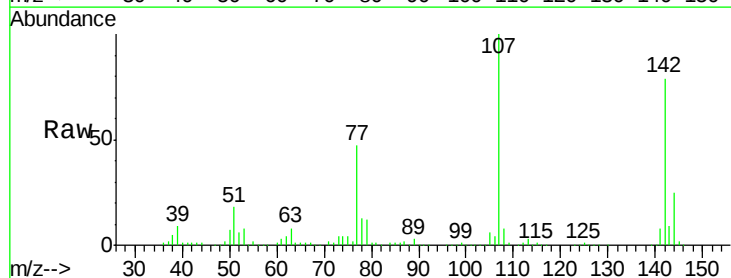
Manual Integrations
APPROVED

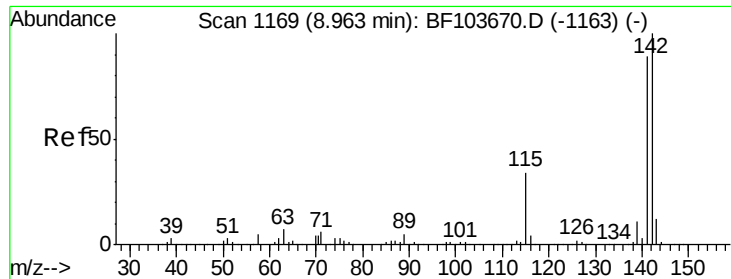
Sohil
3/22/2018 12:58:00 PM



#36
4-Chloro-3-methylphenol
Concen: 42.225 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	79.3	62.0	93.0





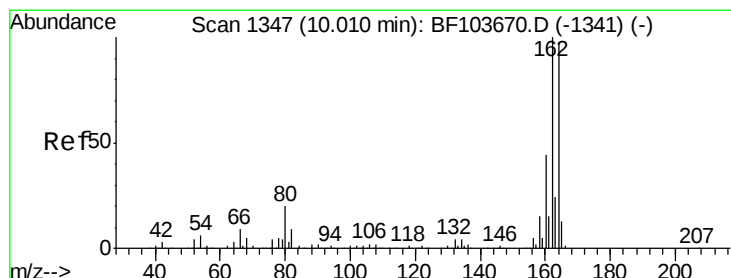
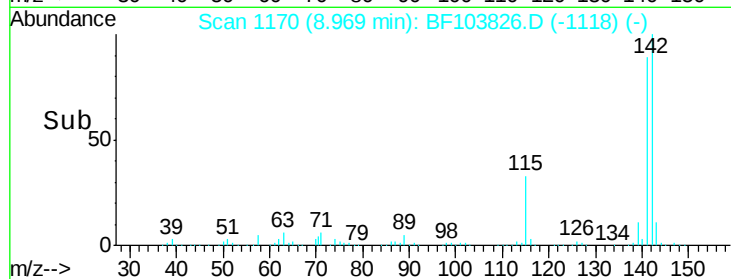
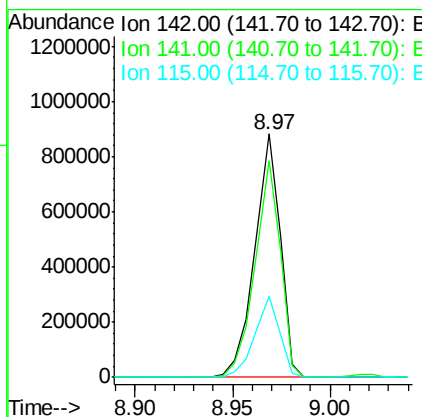
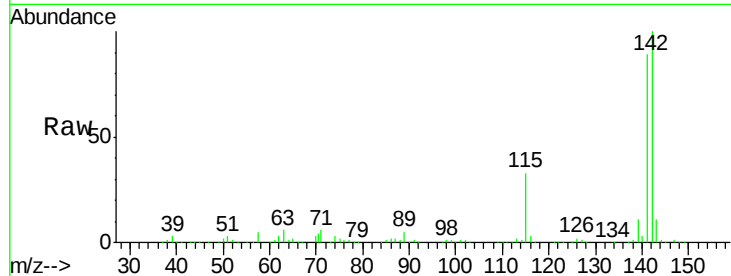
#37
2-Methylnaphthalene
Concen: 39.080 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	33.5	26.1	39.1

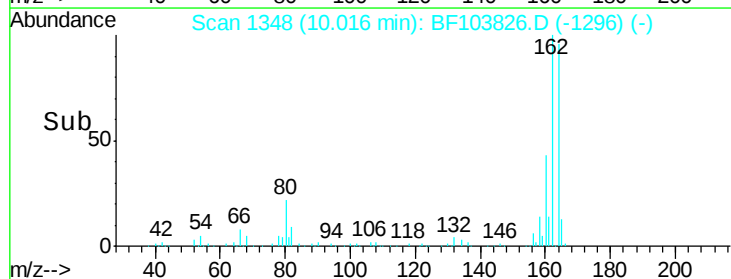
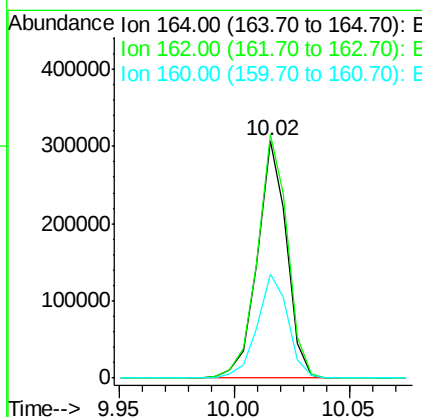
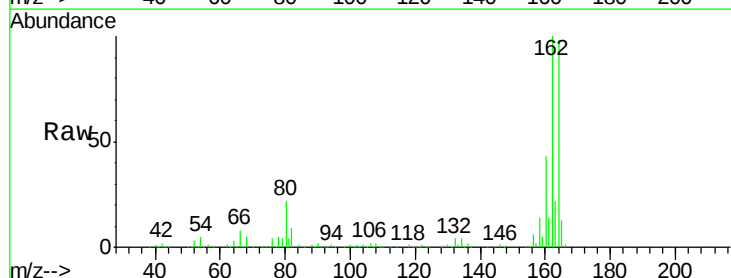
Manual Integrations
APPROVED

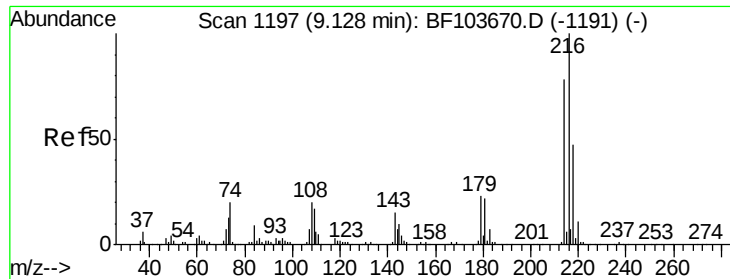
Sohil
3/22/2018 12:58:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	44.0	38.3	57.5





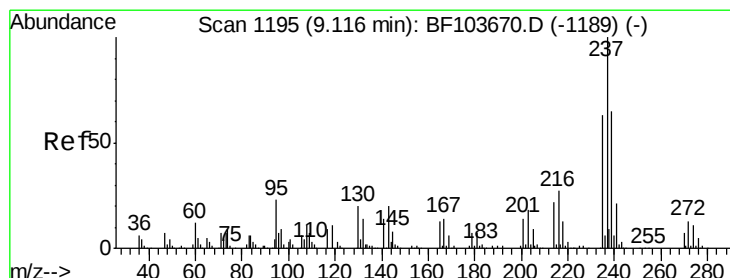
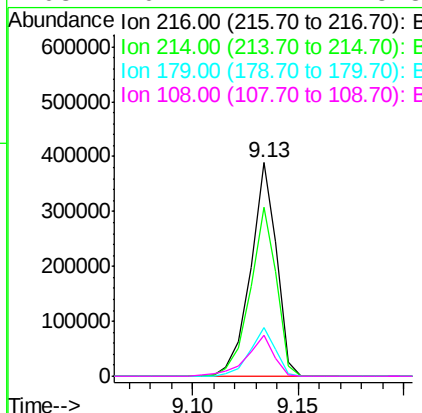
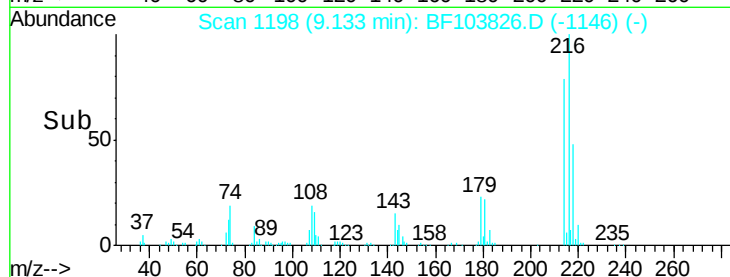
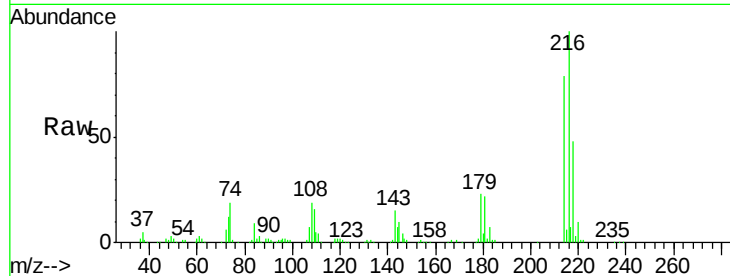
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.839 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3		63.0	94.4	
179	22.4		18.1	27.1	
108	20.1		17.2	25.8	

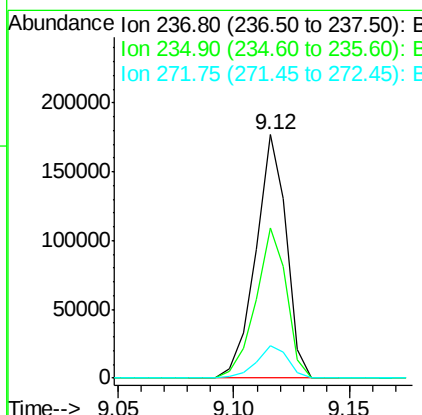
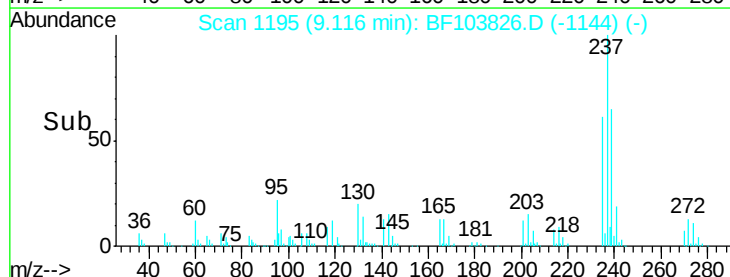
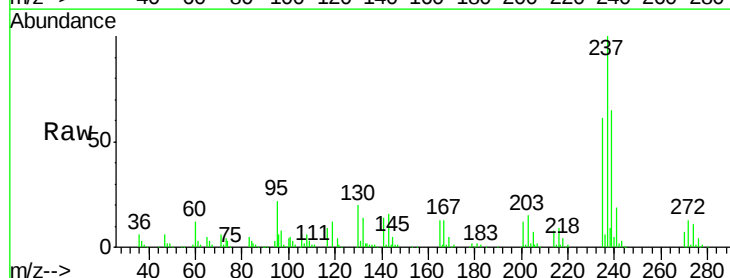
Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:58:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 40.917 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.4		44.8	84.8	
272	13.3		0.0	33.3	





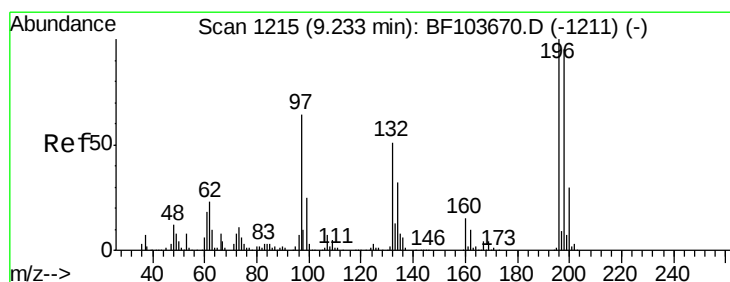
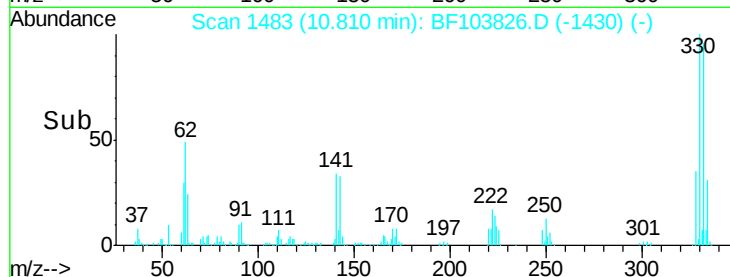
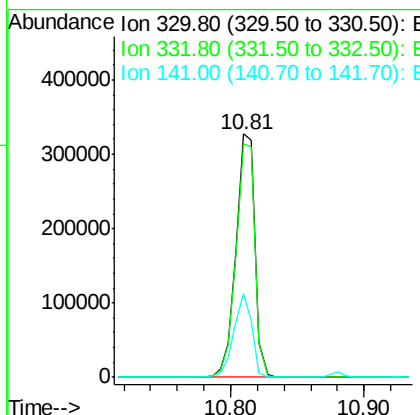
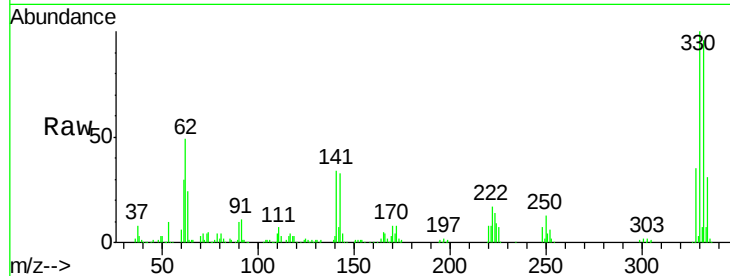
#41
 2,4,6-Tribromophenol
 Concen: 140.378 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	327713		
332	96.8	77.0	115.6	
141	32.9	29.9	44.9	

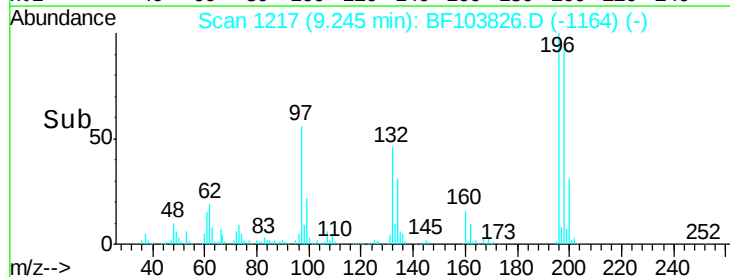
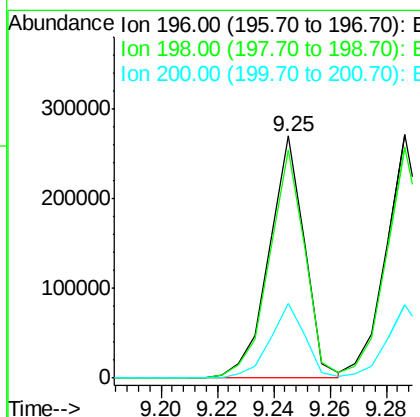
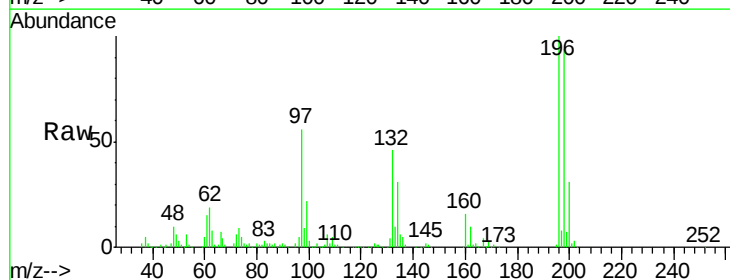
Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:58:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.725 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	236457		
198	94.3	75.7	113.5	
200	30.6	24.5	36.7	





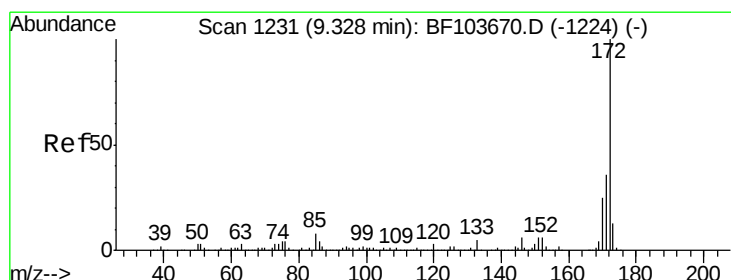
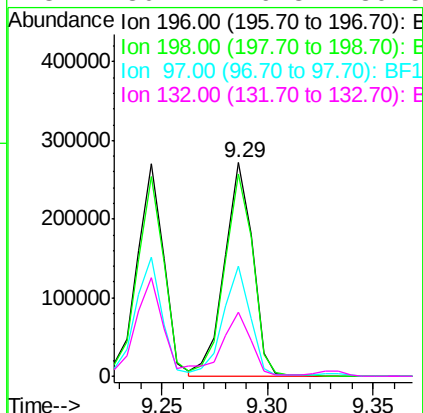
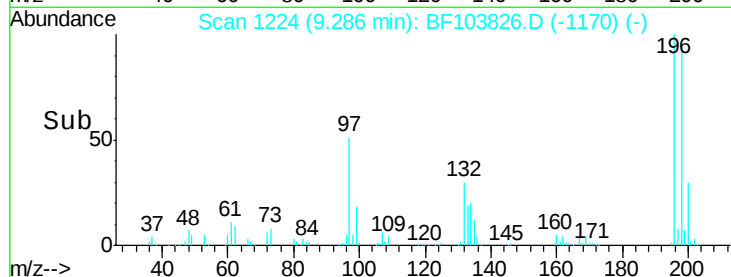
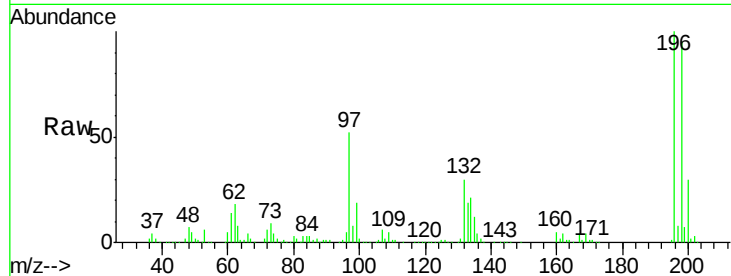
#43
 2,4,5-Trichlorophenol
 Concen: 44.483 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		248755		
198	94.6	74.6	112.0		
97	51.6	42.9	64.3		
132	30.2	26.3	39.5		

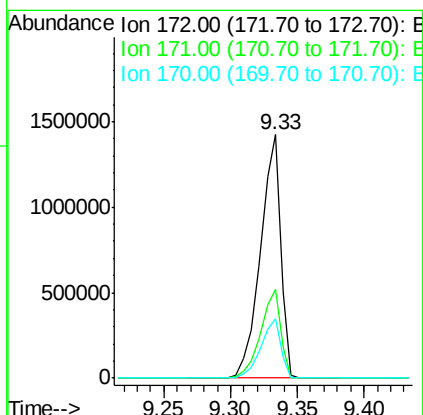
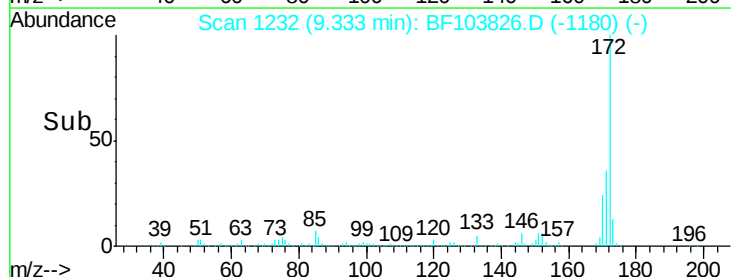
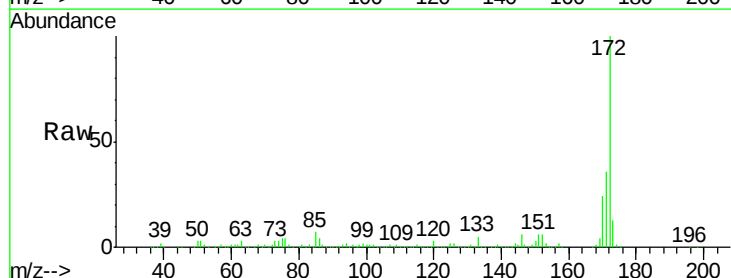
Manual Integrations
 APPROVED

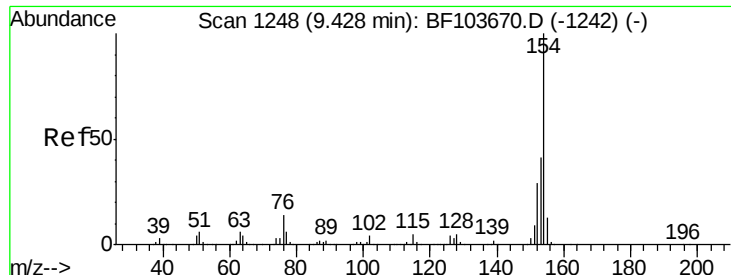
Sohil
 3/22/2018 12:58:00 PM



#44
 2-Fluorobiphenyl
 Concen: 87.077 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1482176		
171	36.3	29.7	44.5		
170	24.3	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 39.085 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

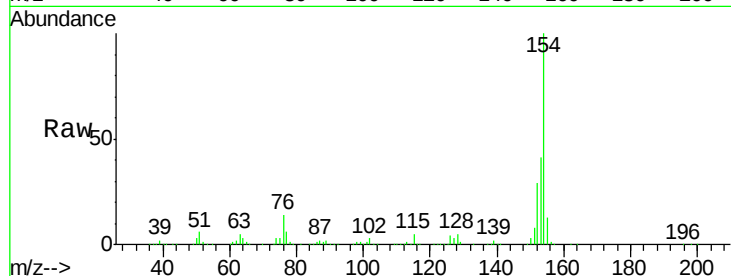
ClientSampled :

PB107522BS

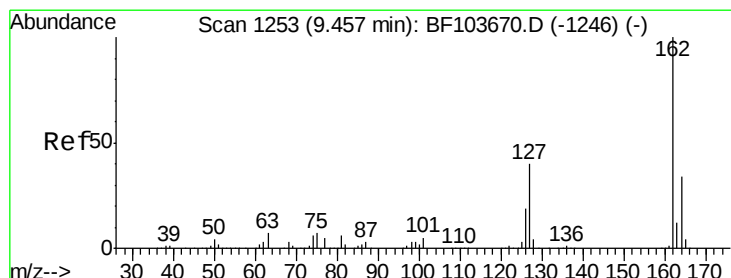
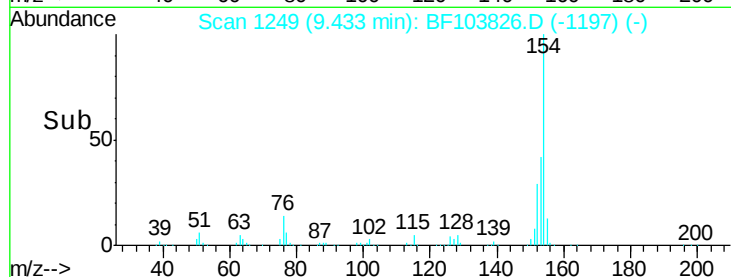
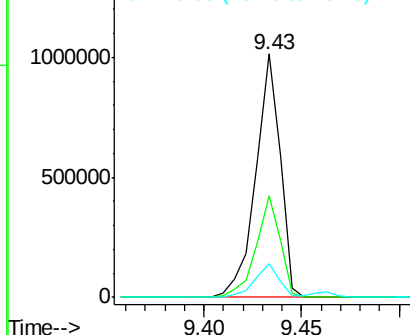
Tot Ion:	154	Resp:	884901
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	13.7	0.0	34.0

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



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



#46

2-Chloronaphthalene

Concen: 38.952 ng

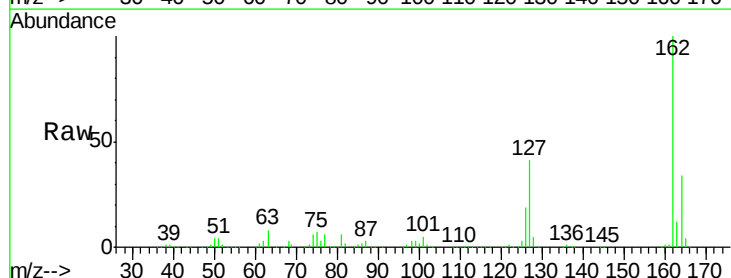
RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

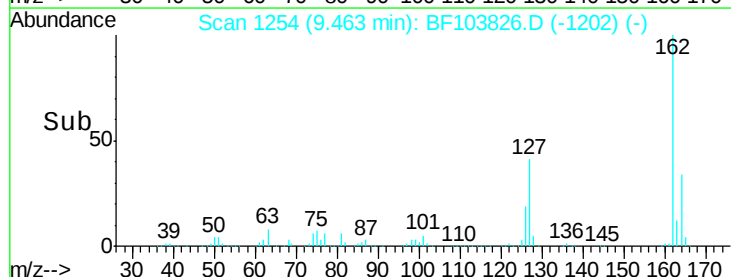
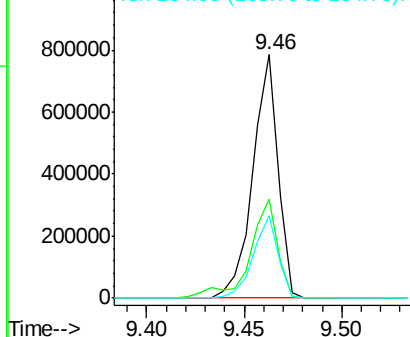
Lab File: BF103826.D

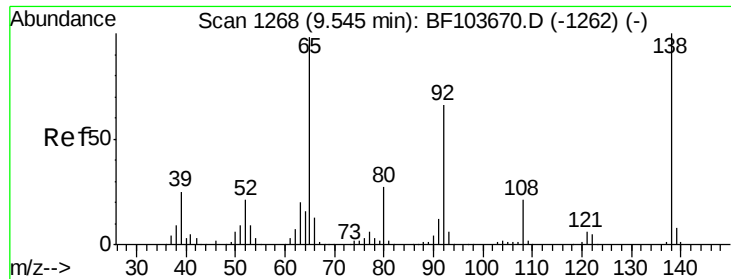
Acq: 21 Mar 2018 2:58

Tgt Ion:	162	Resp:	700451
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	33.7	26.5	39.7



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





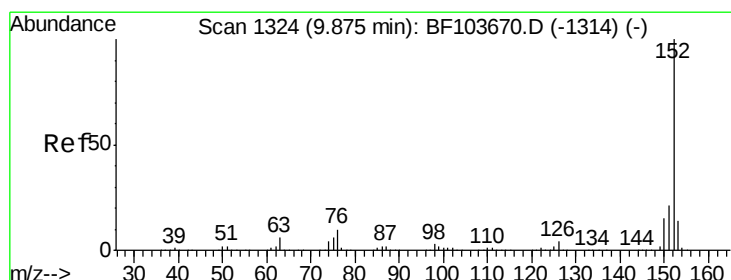
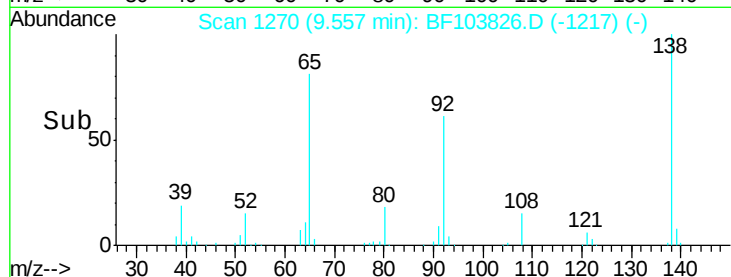
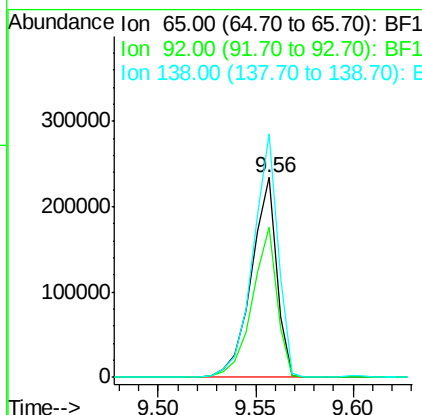
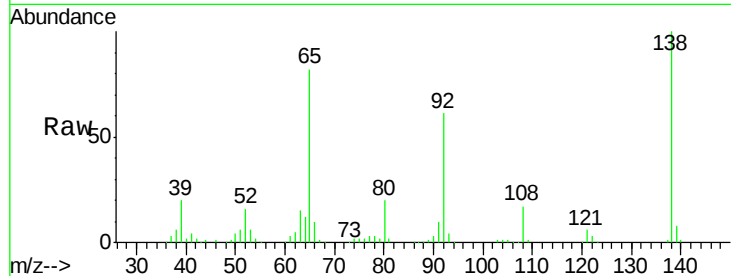
#47
2-Nitroaniline
Concen: 45.193 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	55.8	83.6
138	121.9	91.2	136.8

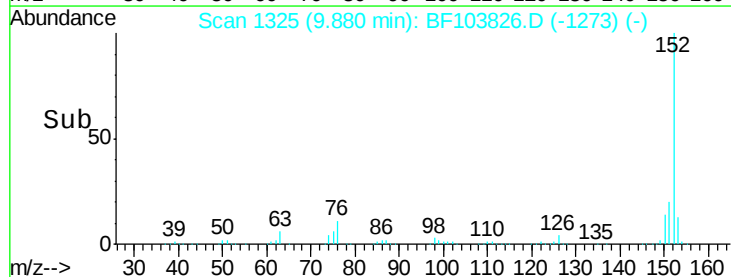
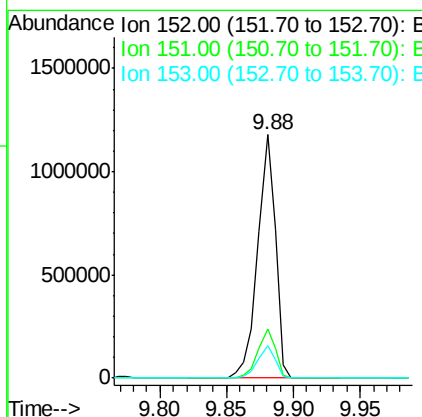
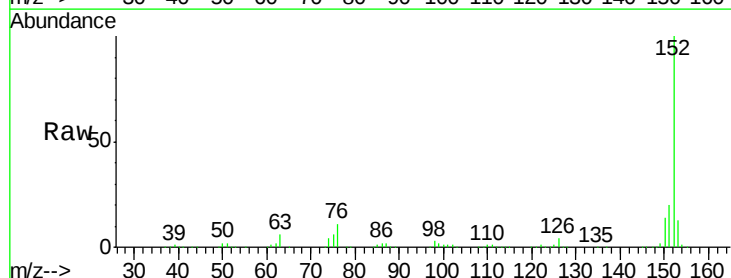
Manual Integrations
APPROVED

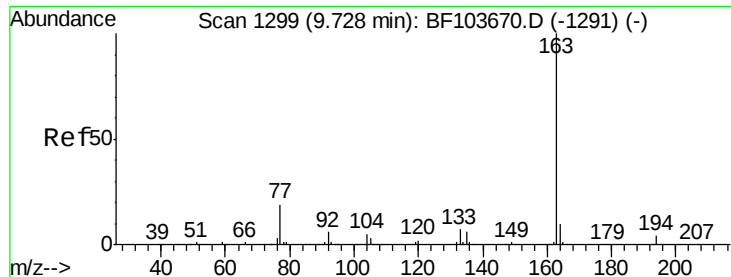
Sohil
3/22/2018 12:58:00 PM



#48
Acenaphthylene
Concen: 38.336 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.7	16.1





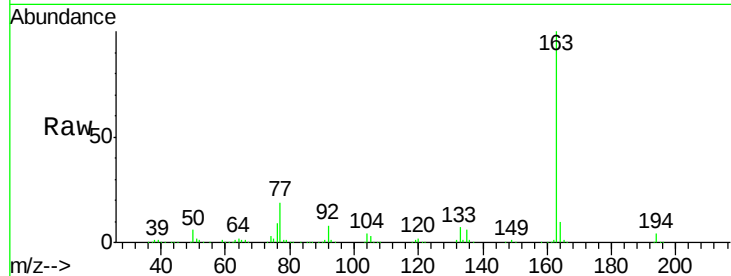
#49
Dimethylphthalate
Concen: 40.298 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

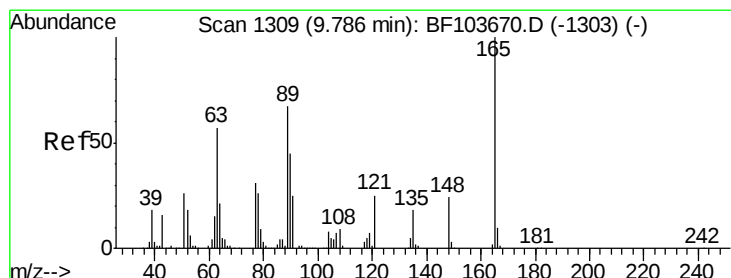
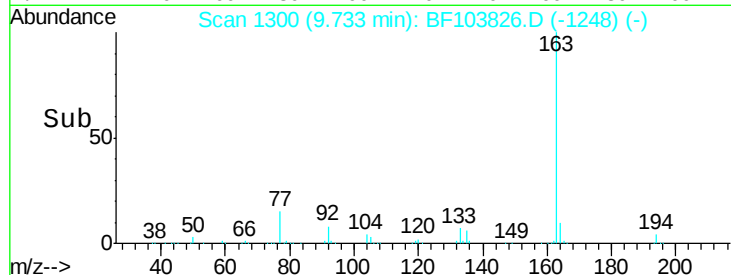
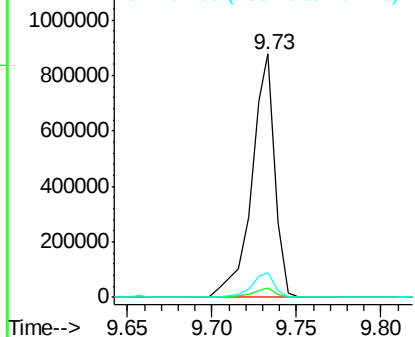
Tot Ion	Ratio	Resp	Lower	Upper
163	100	834773		
194	3.7		2.7	4.1
164	10.0		8.2	12.2

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM

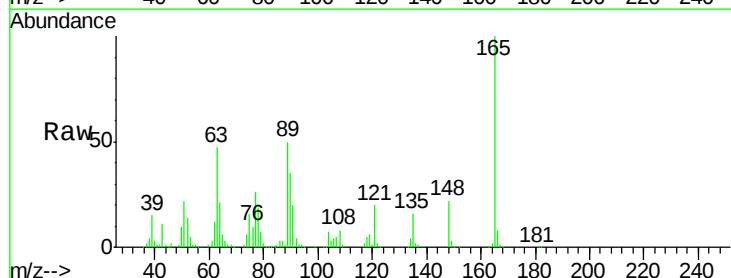


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

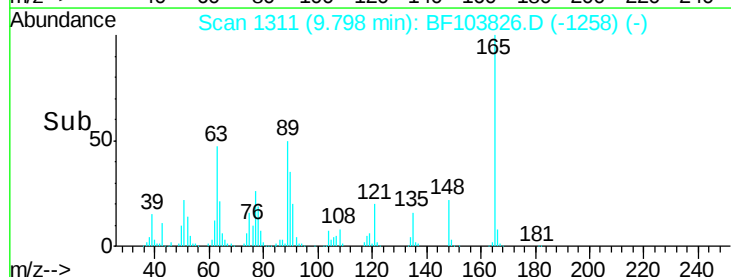
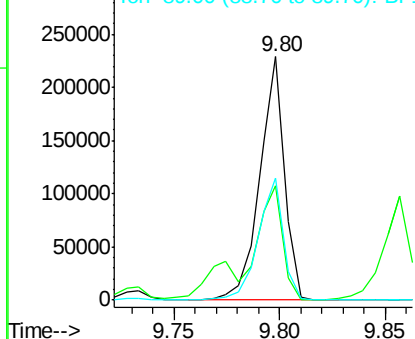


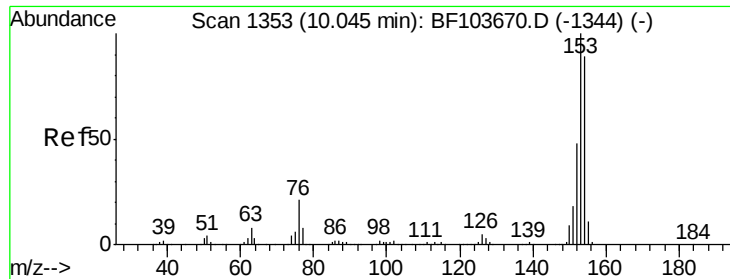
#50
2,6-Dinitrotoluene
Concen: 46.611 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186278		
63	47.1		44.7	67.1
89	50.0		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: 40.238 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

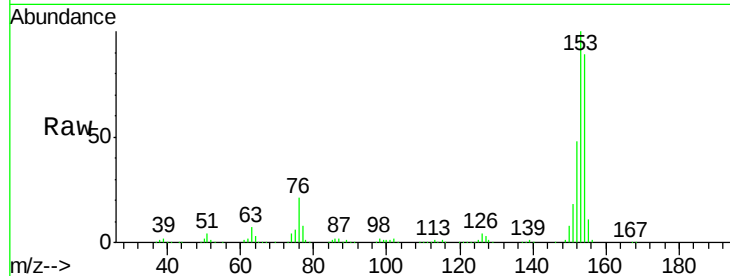
ClientSampleId :

PB107522BS

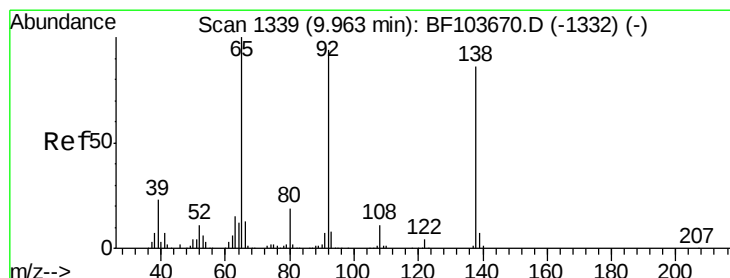
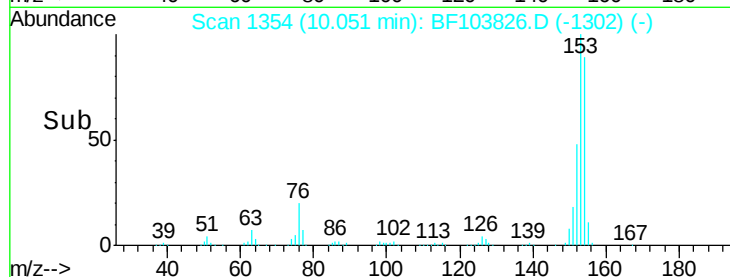
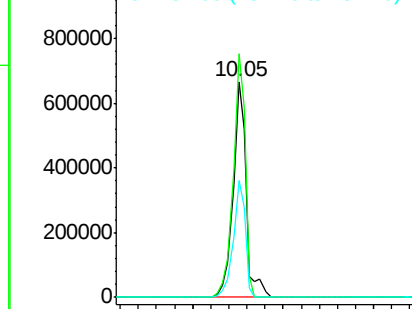
Tot Ion:	154	Resp:	666235
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	54.5	43.8	65.8

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.467 ng

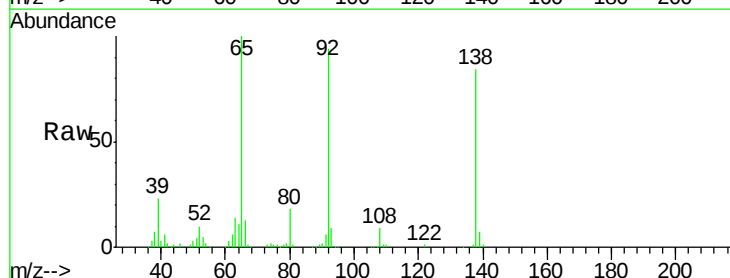
RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

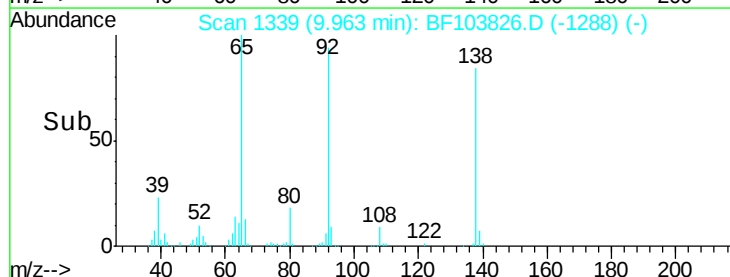
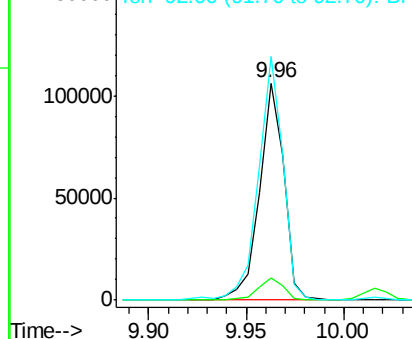
Lab File: BF103826.D

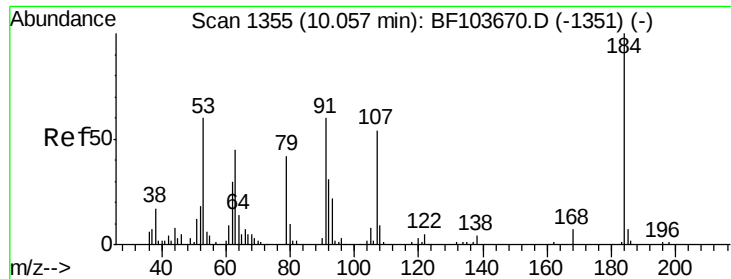
Acq: 21 Mar 2018 2:58

Tgt Ion:	138	Resp:	92100
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	112.1	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





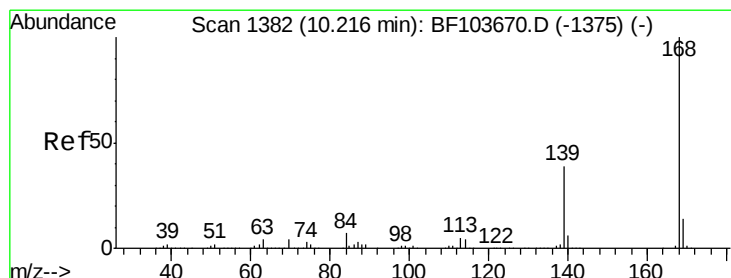
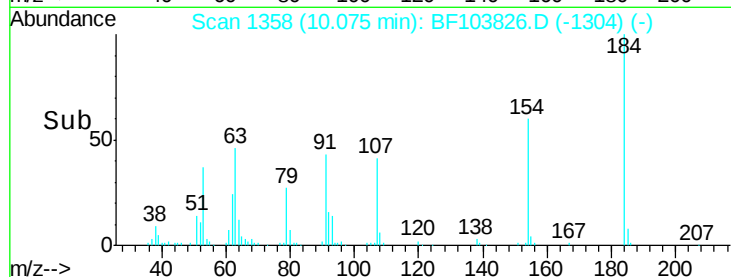
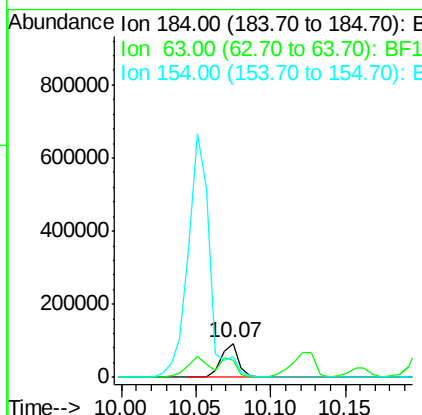
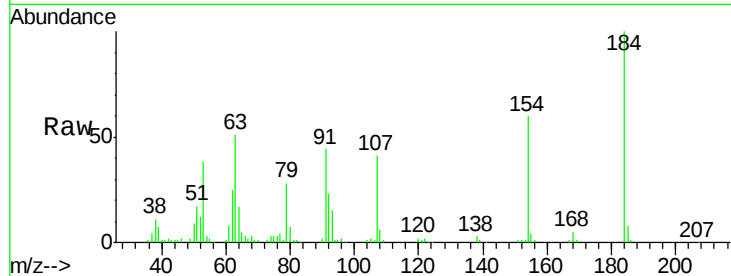
#53
2,4-Dinitrophenol
Concen: 70.034 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	50.9	54.2	81.2	#
154	59.8	184.0	276.0	#

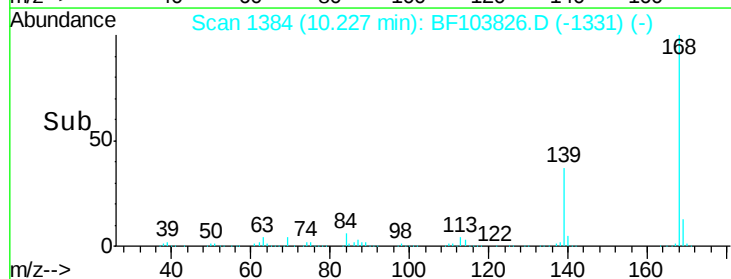
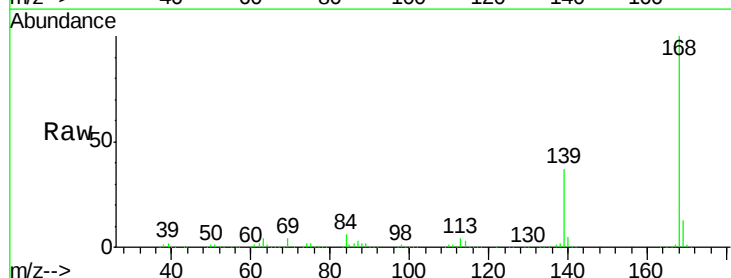
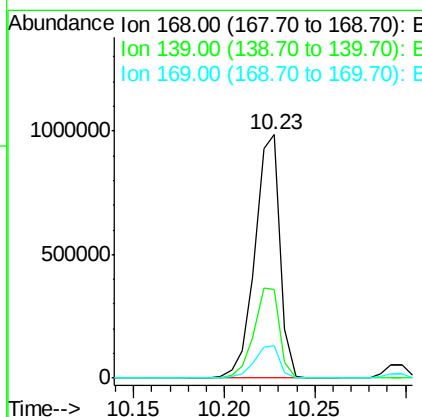
Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#54
Dibenzofuran
Concen: 39.979 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	36.6	30.1	45.1	
169	13.2	10.9	16.3	





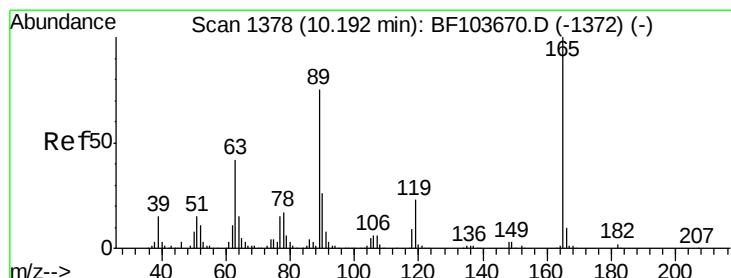
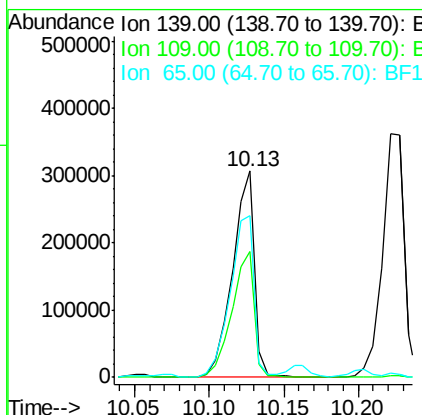
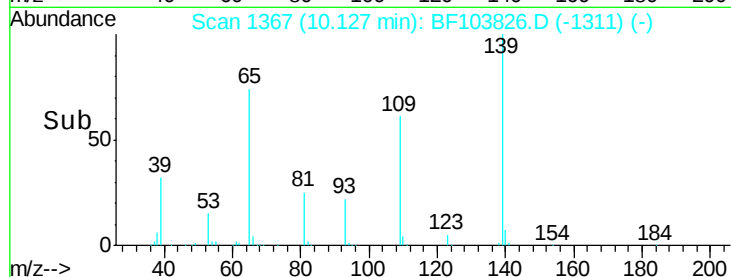
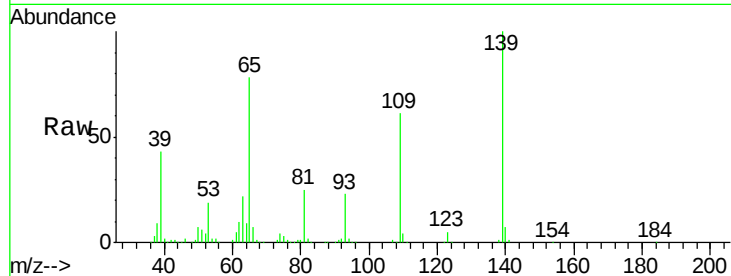
#55
4-Nitrophenol
Concen: 83.499 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.03 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.1	48.4	88.4	
65	78.3	72.6	112.6	

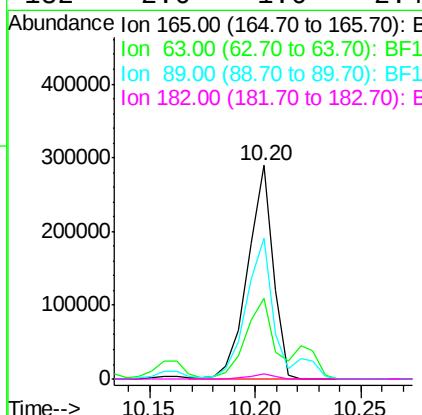
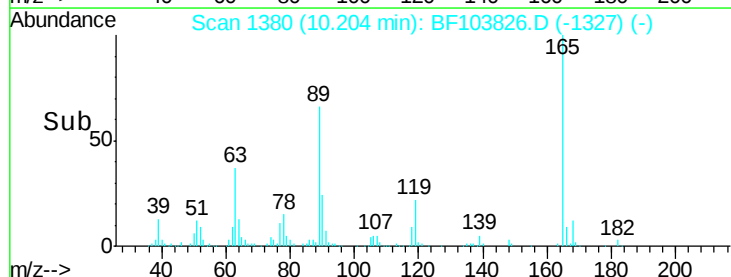
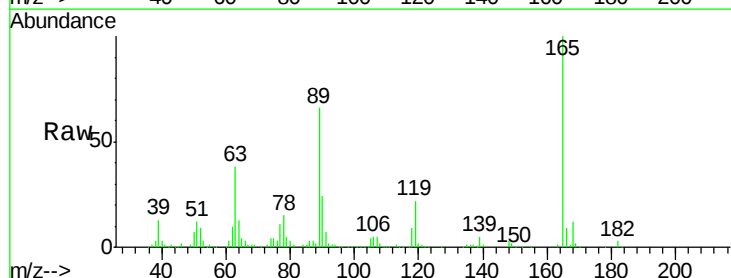
Manual Integrations
APPROVED

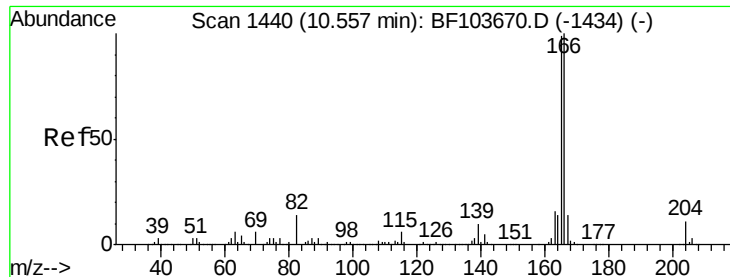
Sohil
3/22/2018 12:58:00 PM



#56
2,4-Dinitrotoluene
Concen: 47.831 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.7	36.4	54.6	
89	66.1	57.8	86.6	
182	2.6	1.6	2.4#	





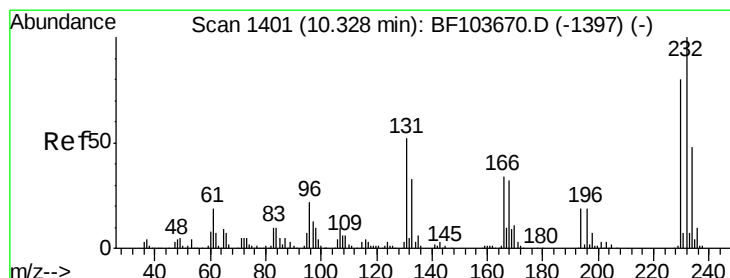
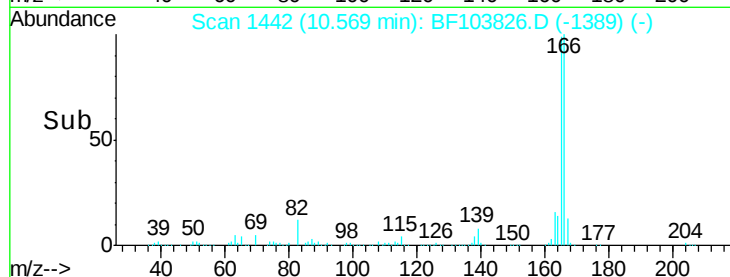
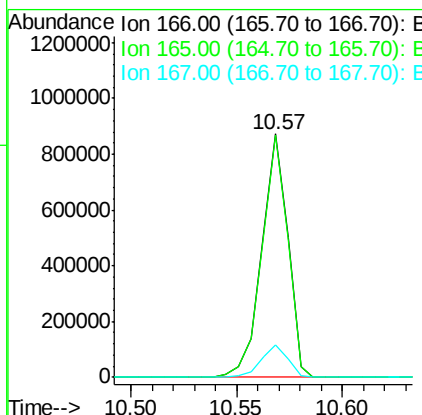
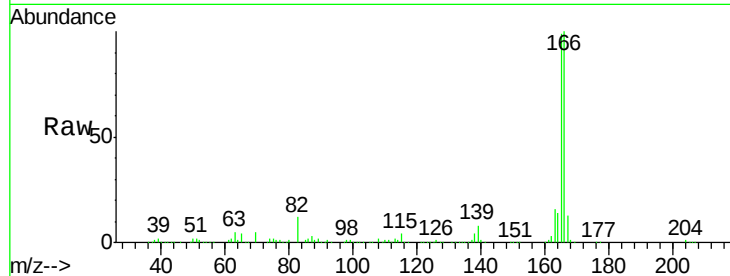
#57
 Fluorene
 Concen: 41.039 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.4	79.8	119.8	
167	13.4	10.6	16.0	

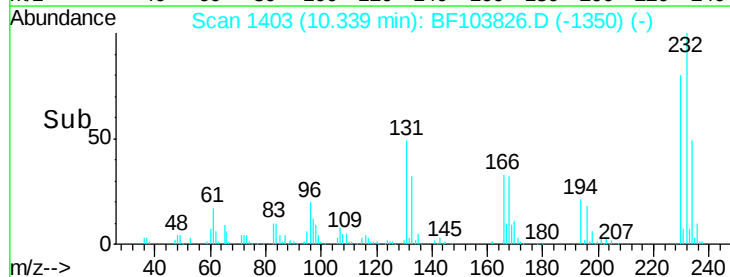
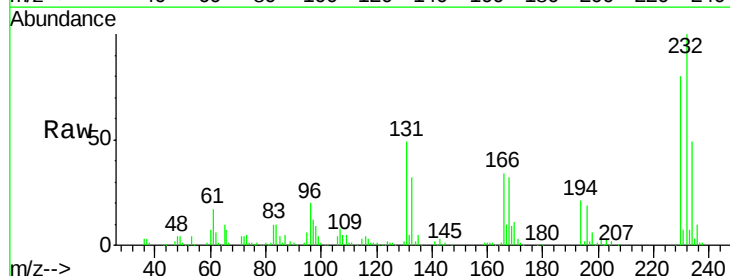
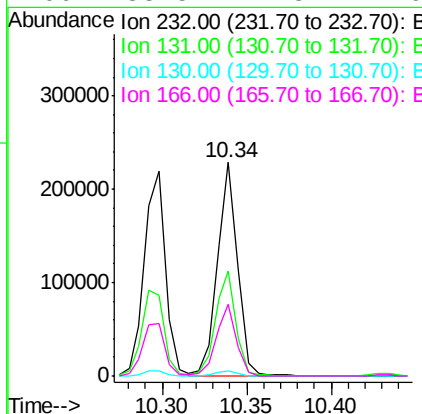
Manual Integrations
 APPROVED

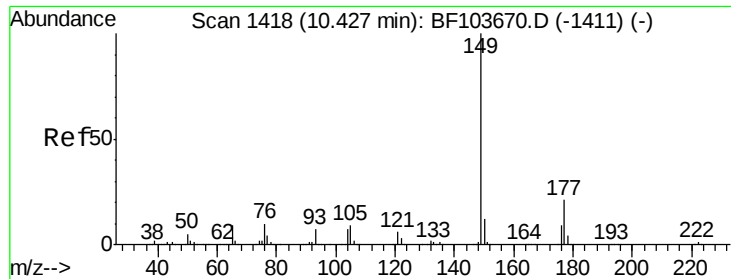
Sohil
 3/22/2018 12:58:00 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.038 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.6	43.8	65.8	
130	2.5	2.1	3.1	
166	33.5	27.8	41.6	





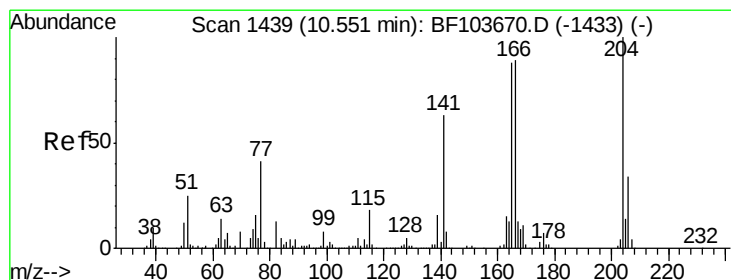
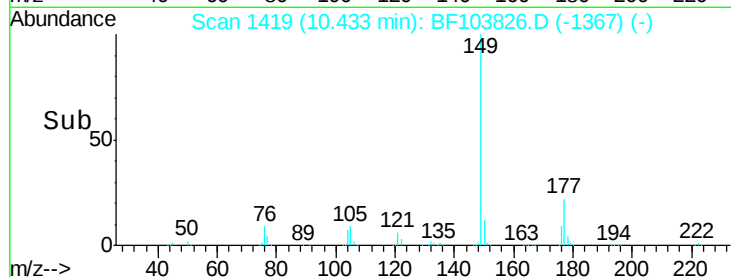
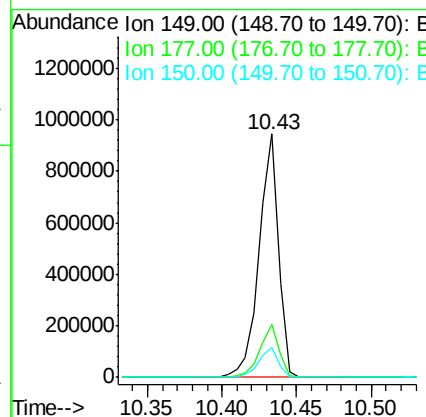
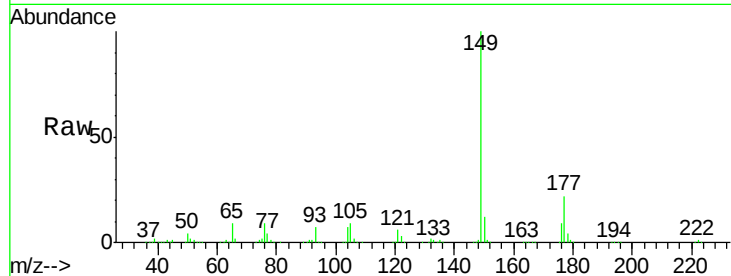
#59
Diethylphthalate
Concen: 40.841 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1

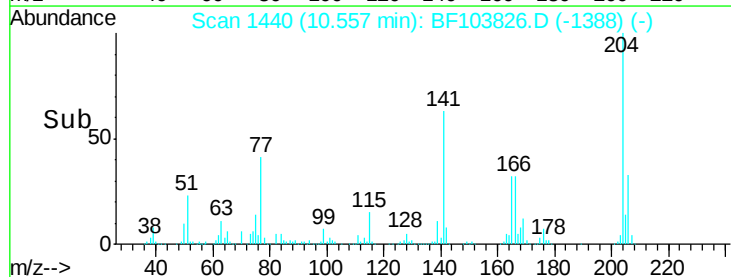
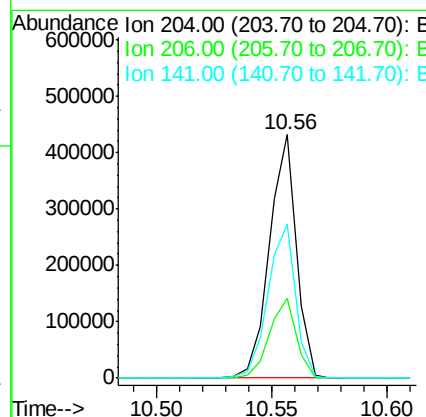
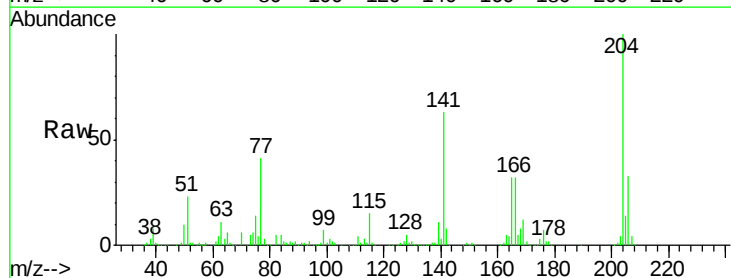
Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	63.1	54.6	81.8





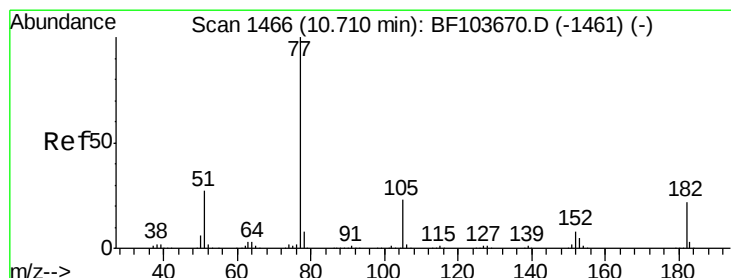
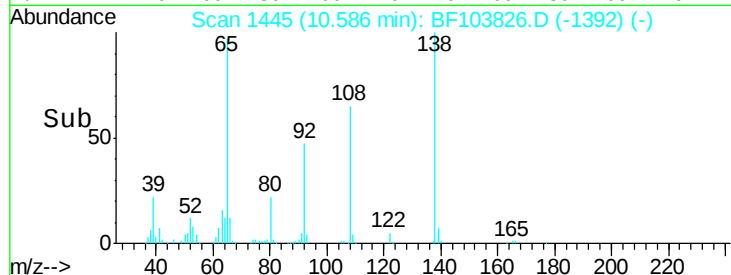
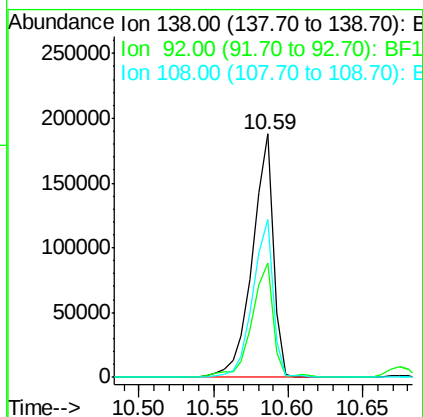
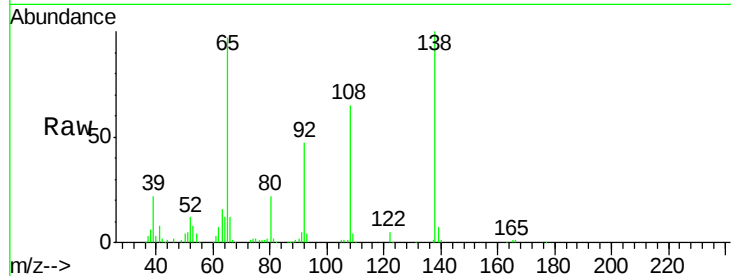
#61
4-Nitroaniline
Concen: 40.059 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampled :
PB107522BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	65.0	52.5	92.5

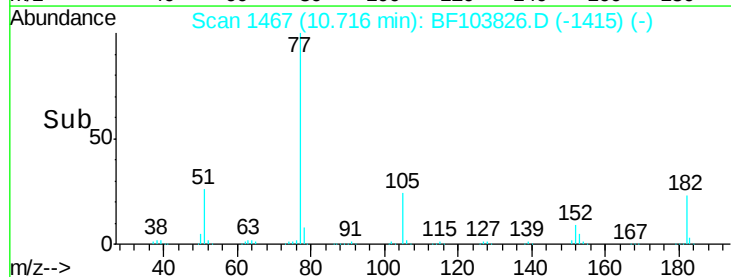
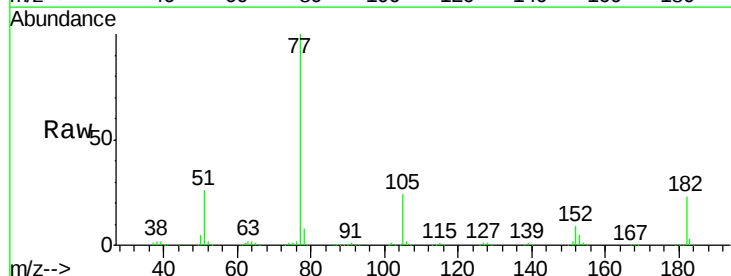
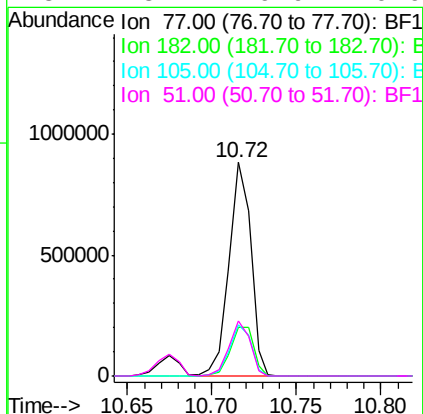
Manual Integrations
APPROVED

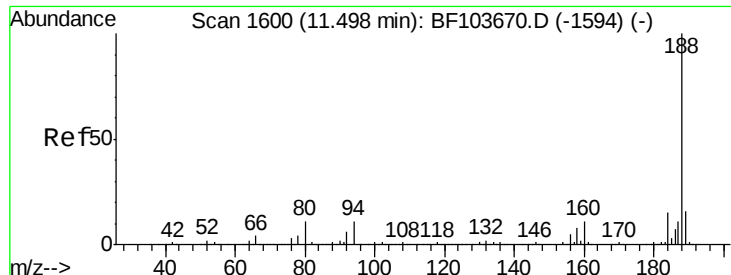
Sohil
3/22/2018 12:58:00 PM



#62
Azobenzene
Concen: 37.982 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.7	41.7
105	24.2	3.0	43.0
51	25.7	9.9	49.9





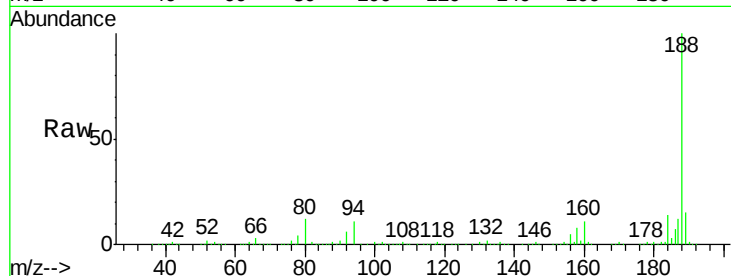
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	474465		
94	10.8		8.5	12.7
80	12.2		9.2	13.8

Manual Integrations
APPROVED

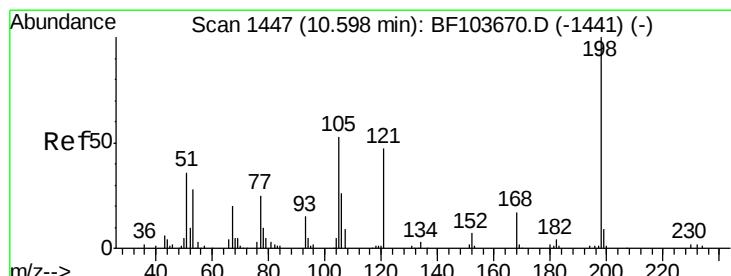
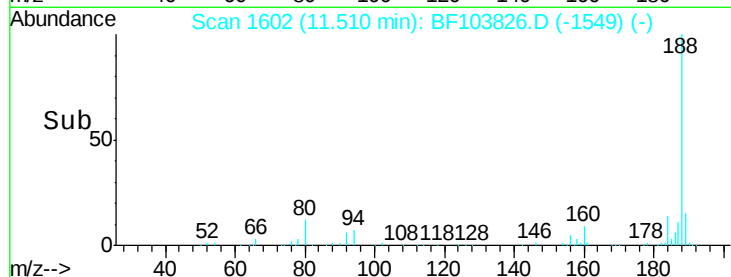
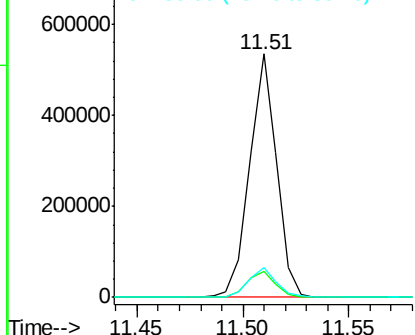
Sohil
3/22/2018 12:58:00 PM



Abundance Ion 188.00 (187.70 to 188.70): E

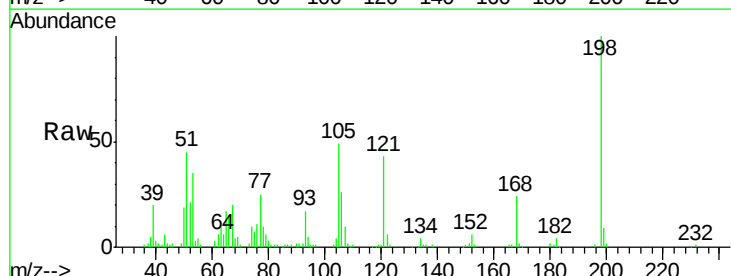
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 41.243 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

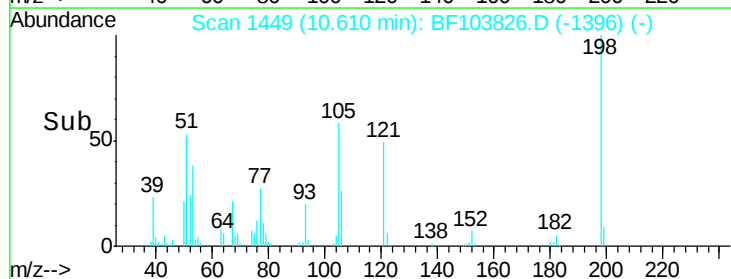
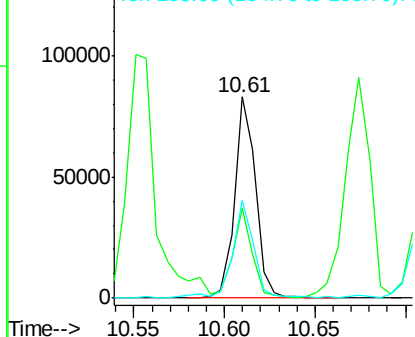
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	66576		
51	45.1		37.7	77.7
105	48.7		36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





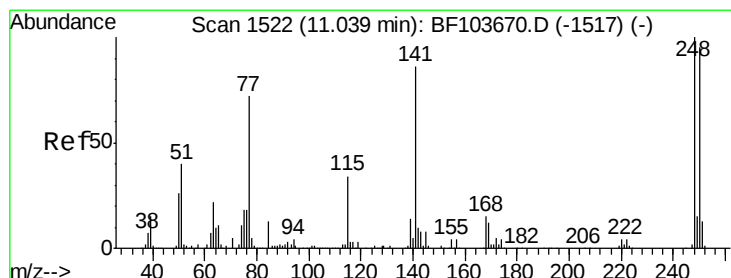
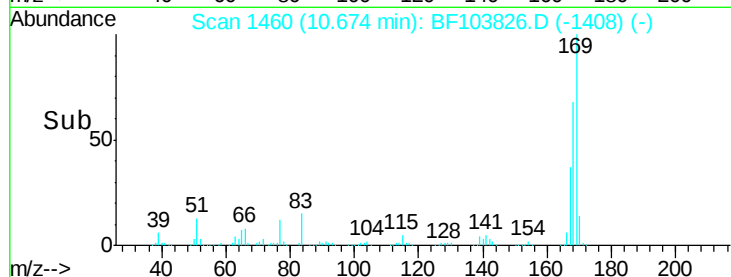
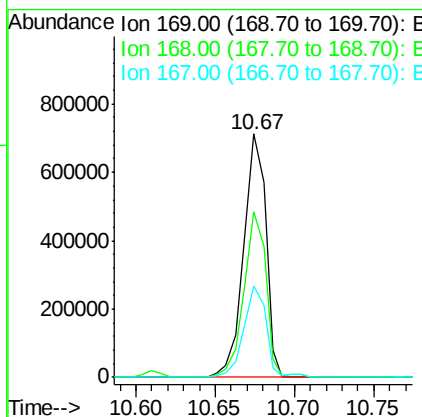
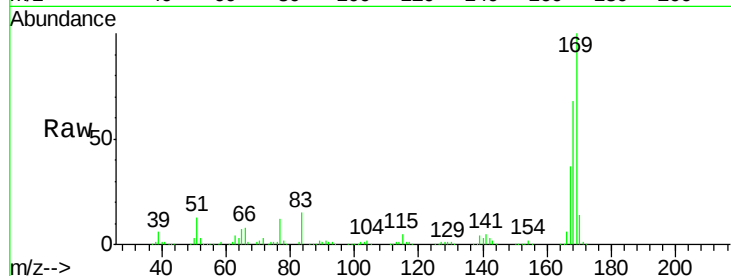
#65
n-Nitrosodiphenylamine
Concen: 42.822 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	691568		
168	68.0		54.4	81.6
167	37.3		29.8	44.6

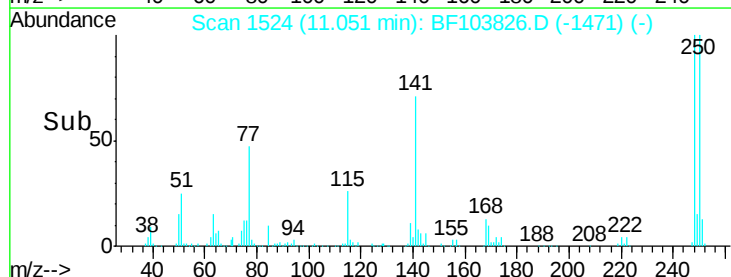
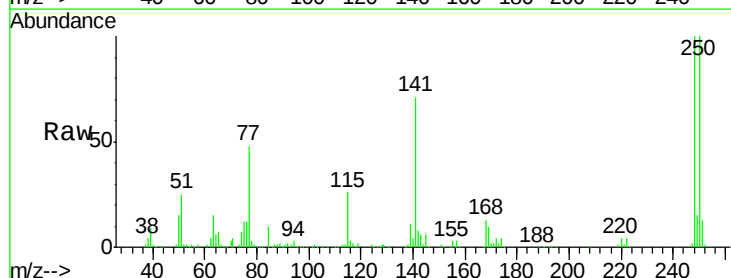
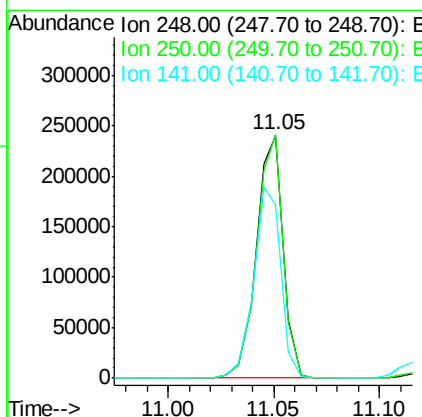
Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#66
4-Bromophenyl-phenylether
Concen: 43.609 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	212442		
250	100.3		76.9	115.3
141	71.3		74.4	111.6#





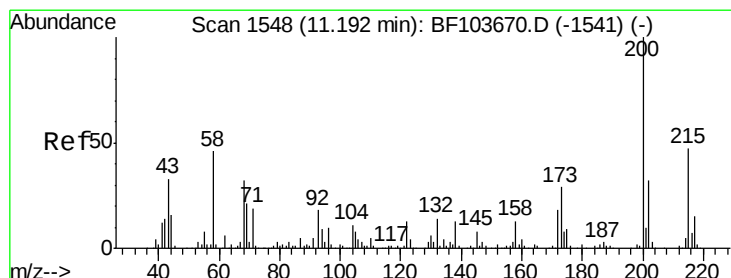
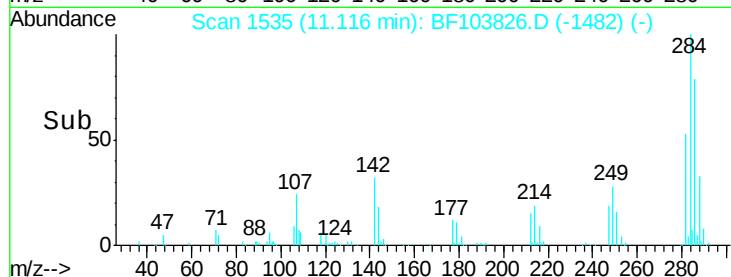
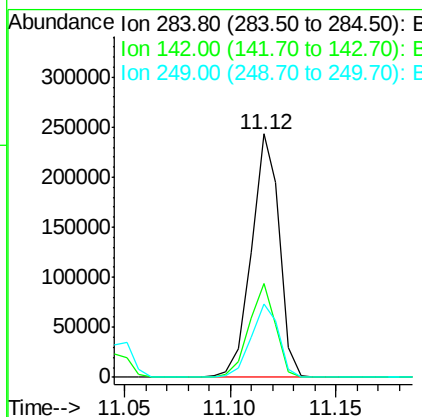
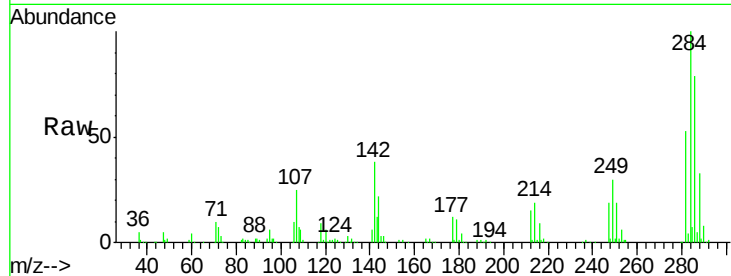
#67
Hexachlorobenzene
Concen: 39.967 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	222220		
142	38.3	34.6	52.0	
249	30.1	24.8	37.2	

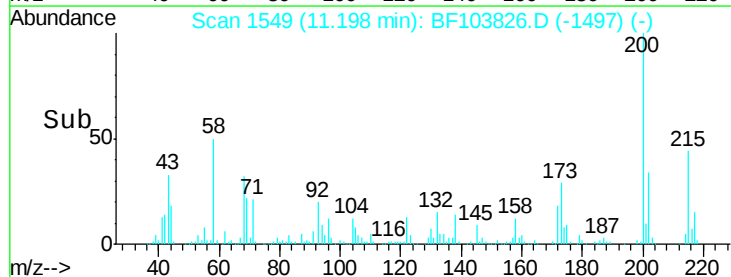
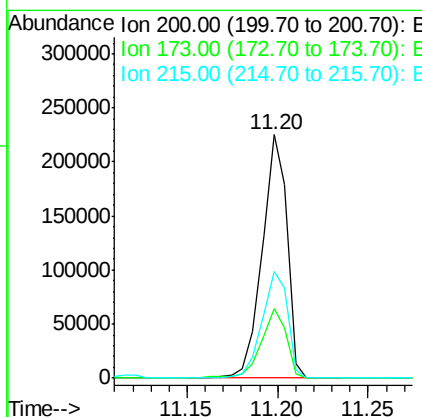
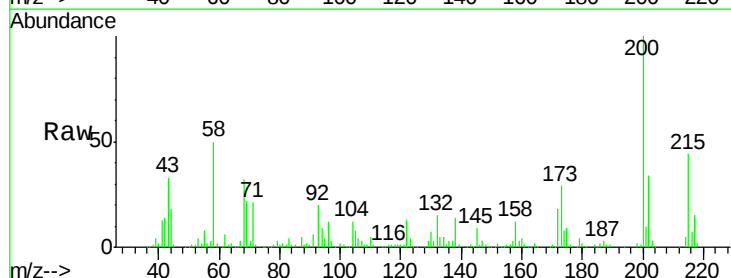
Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#68
Atrazine
Concen: 43.023 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	214938		
173	28.8	8.6	48.6	
215	43.7	25.1	65.1	





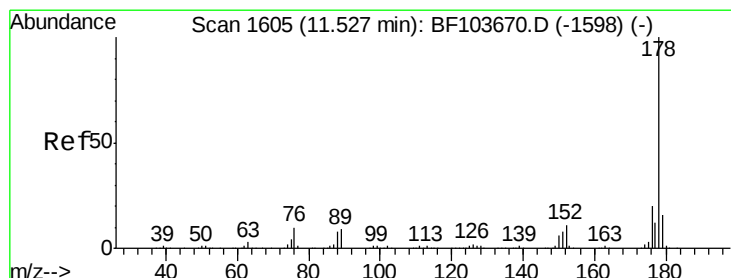
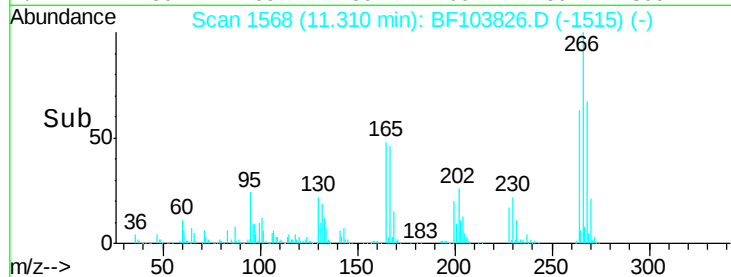
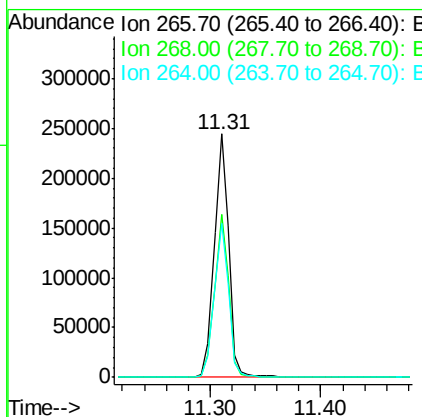
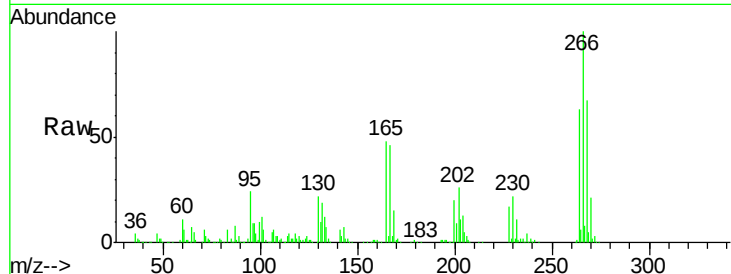
#69
 Pentachlorophenol
 Concen: 68.528 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	63.0	49.5	74.3

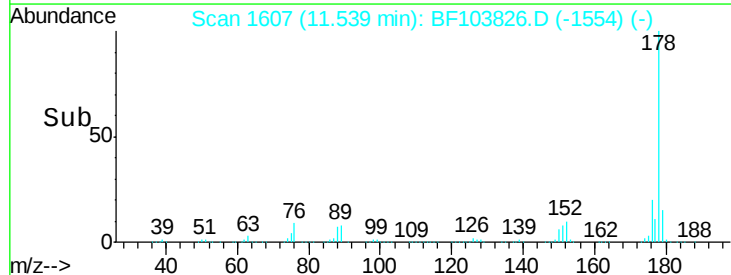
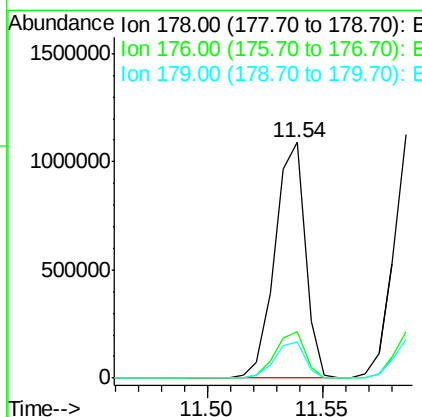
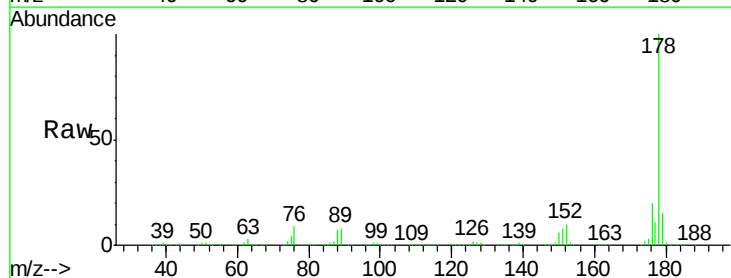
Manual Integrations
 APPROVED

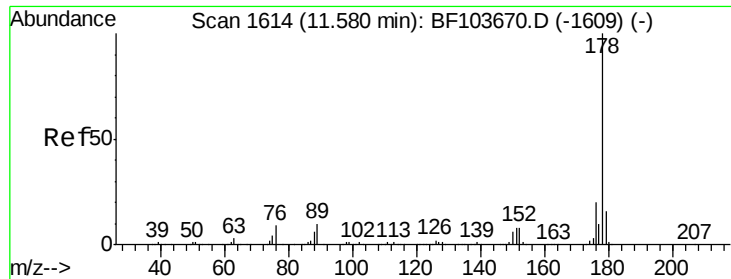
Sohil
 3/22/2018 12:58:00 PM



#70
 Phenanthrene
 Concen: 38.319 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6





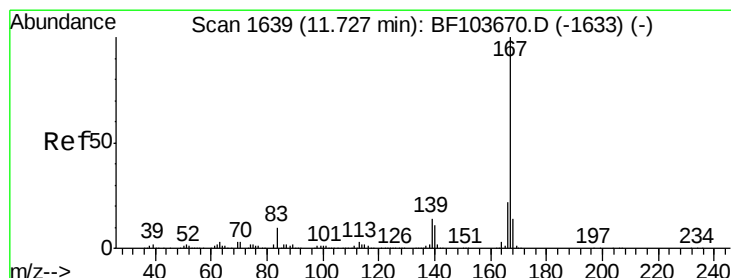
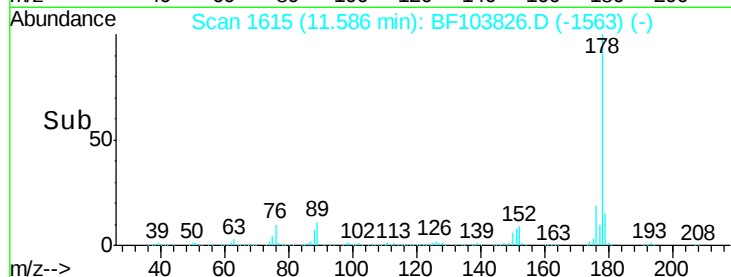
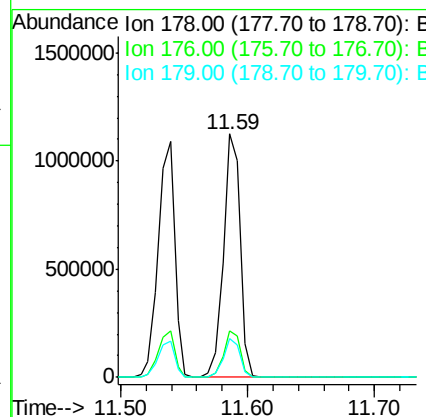
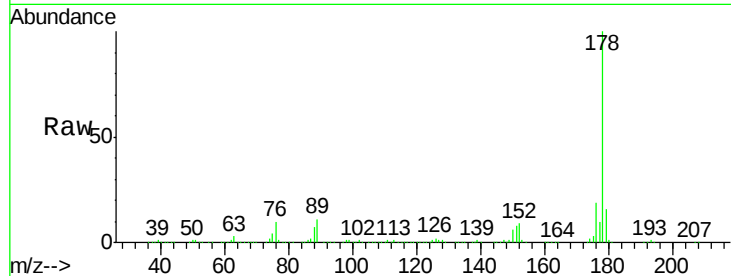
#71
 Anthracene
 Concen: 39.620 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampled :
 PB107522BS

Tot Ion:178 Resp: 1044409
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 12.6 19.0

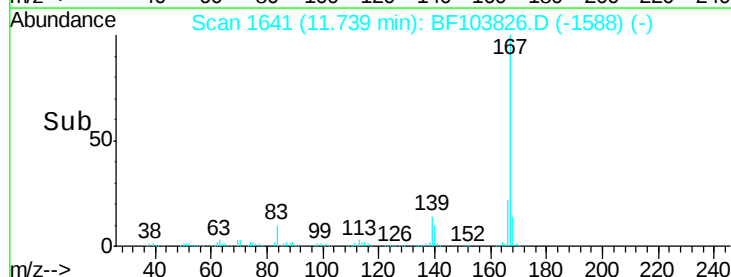
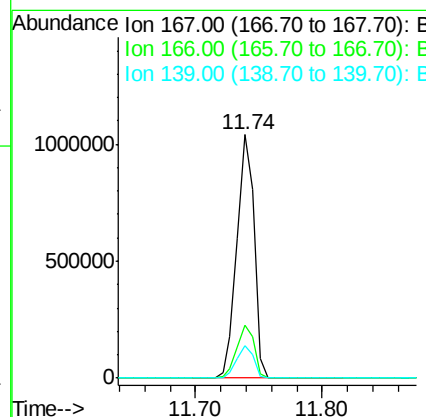
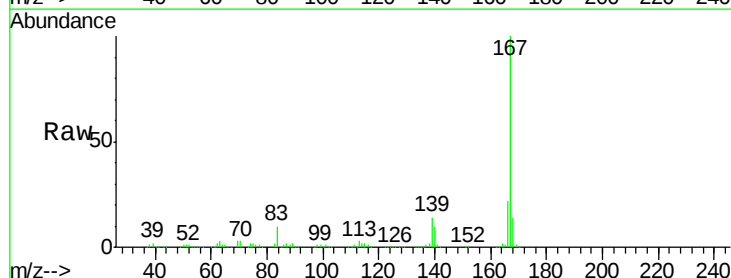
Manual Integrations
 APPROVED

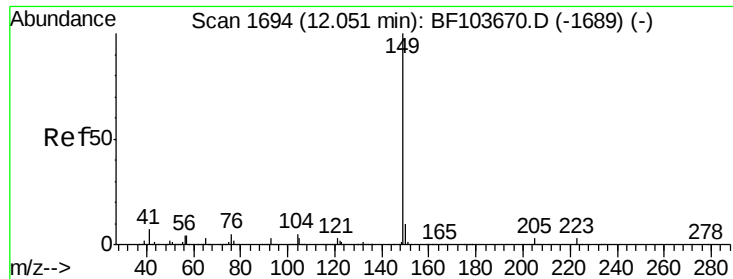
Sohil
 3/22/2018 12:58:00 PM



#72
 Carbazole
 Concen: 37.805 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:167 Resp: 968616
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.632 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

PB107522BS

Tot Ion:149 Resp: 1249144

Ion Ratio Lower Upper

149 100

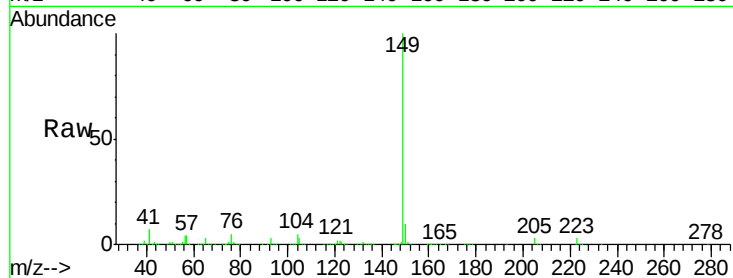
150 9.7 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
APPROVED

Sohil

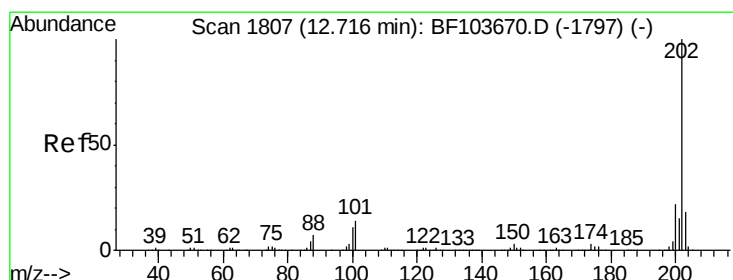
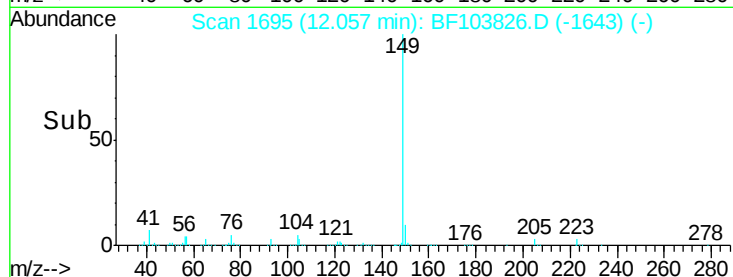
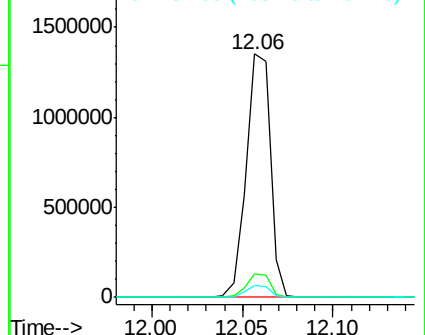
3/22/2018 12:58:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.966 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

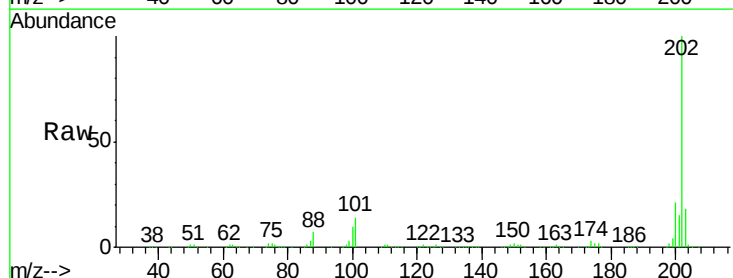
Tgt Ion:202 Resp: 908202

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

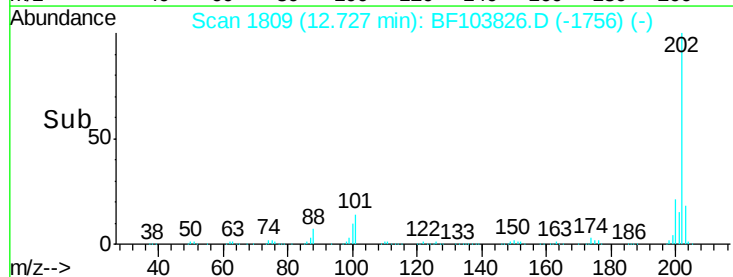
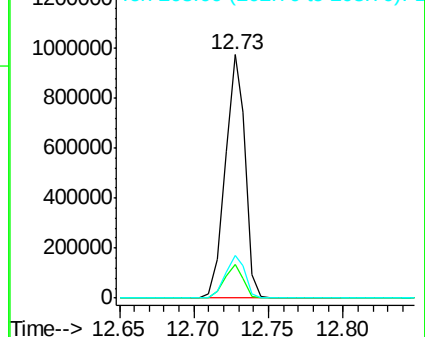
203 17.7 0.0 38.1

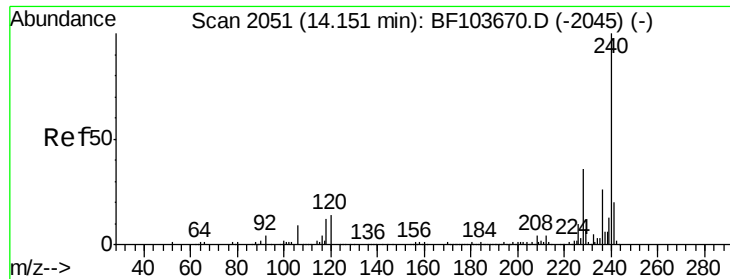


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

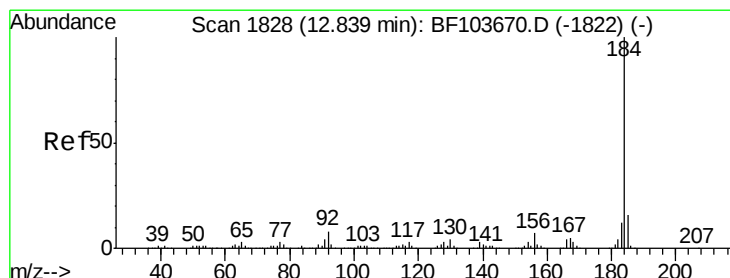
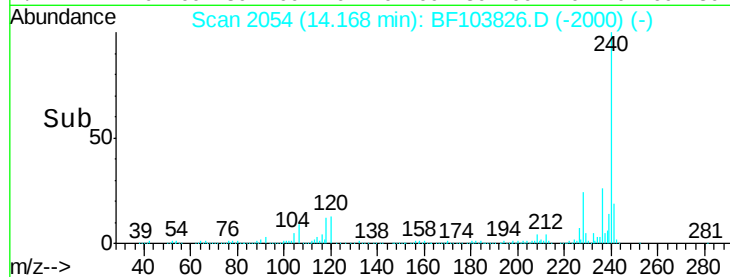
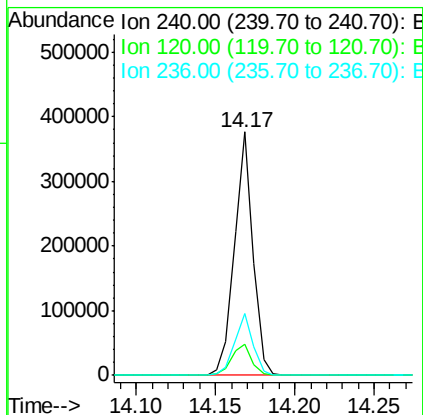
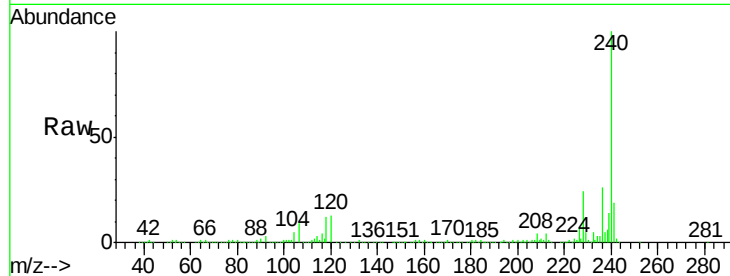
ClientSampleId :

PB107522BS

Tot Ion:	240	Resp:	305171
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#76

Benzidine

Concen: 35.520 ng

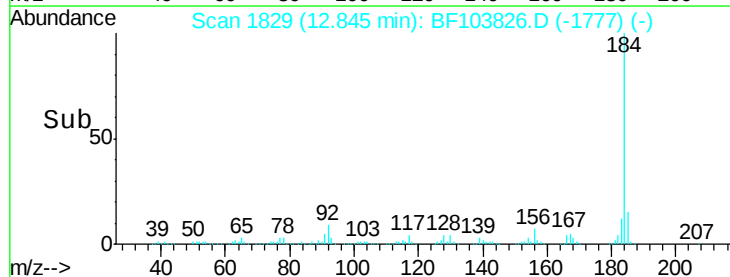
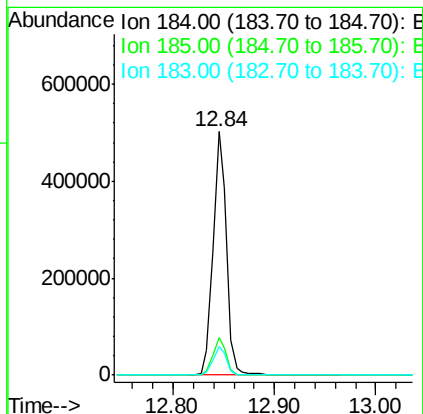
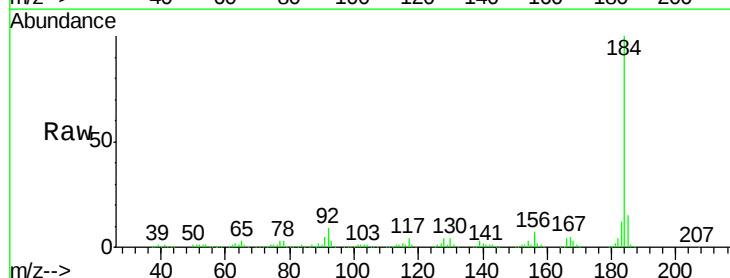
RT: 12.84 min Scan# 1829

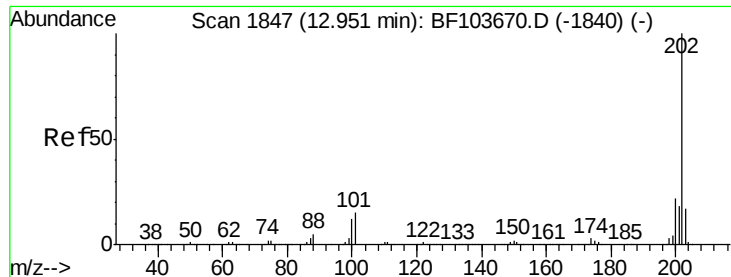
Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:	184	Resp:	462316
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	11.8	9.3	13.9





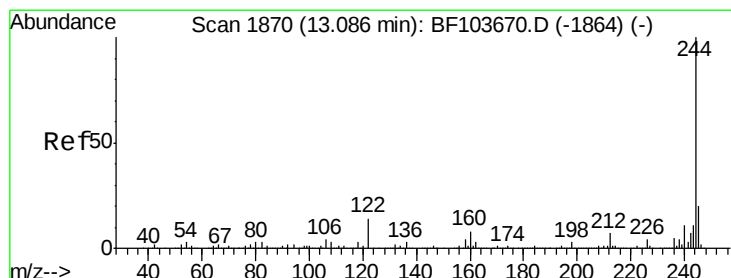
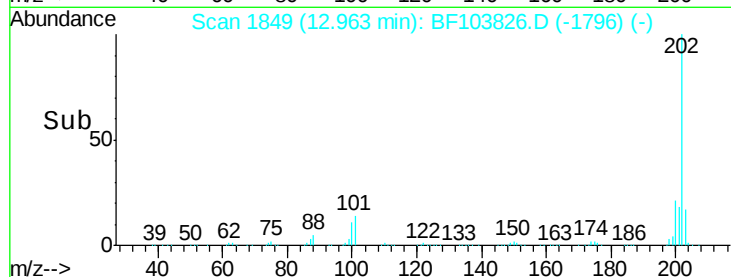
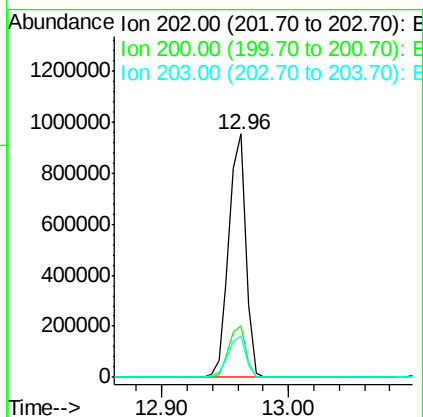
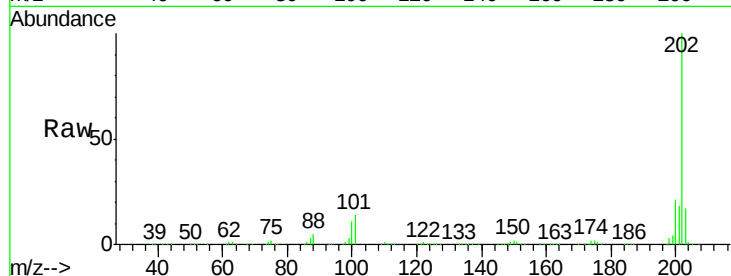
#77
Pvrene
Concen: 39.683 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	889356		
200	21.2		17.4	26.2
203	17.0		14.3	21.5

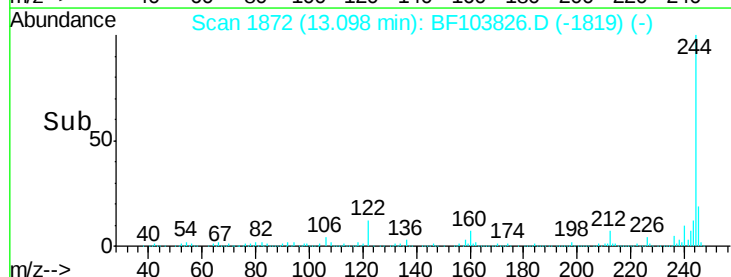
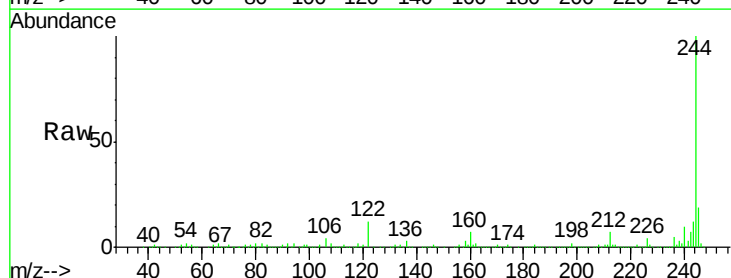
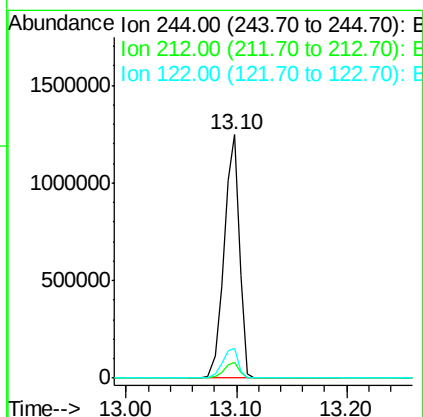
Manual Integrations
APPROVED

Sohil
3/22/2018 12:58:00 PM



#78
Terphenyl-d14
Concen: 91.520 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1203259		
212	6.7		5.4	8.0
122	12.4		11.0	16.4





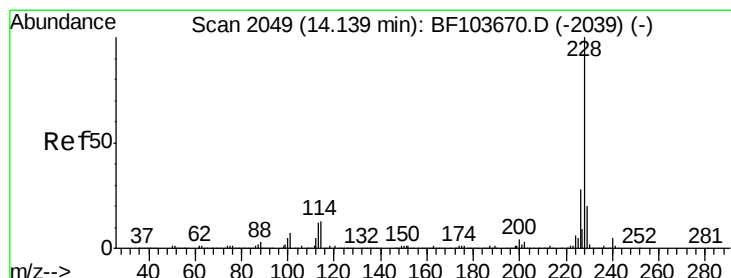
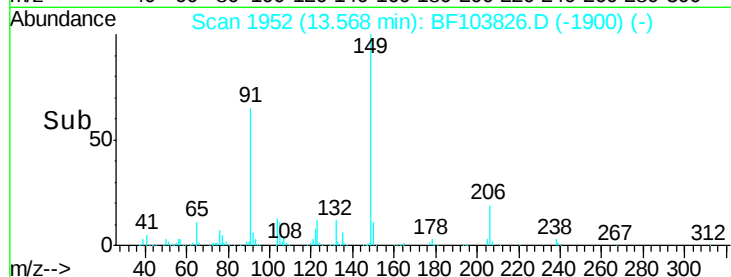
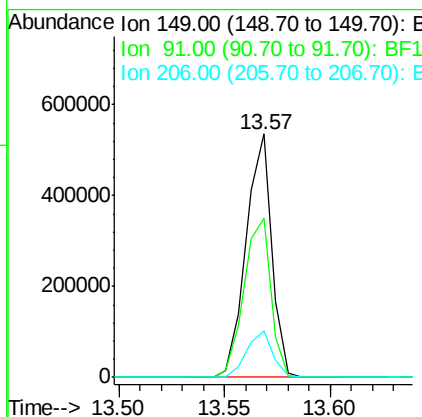
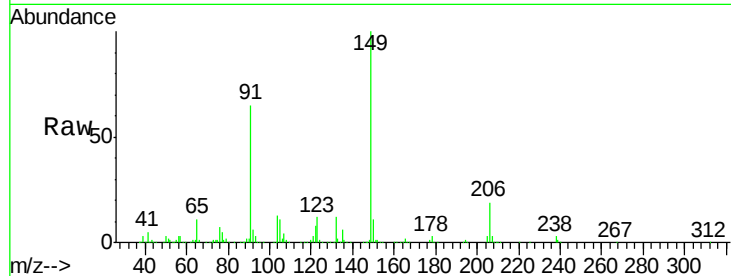
#79
Butylbenzylphthalate
Concen: 45.509 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	451881		
91	65.2	56.8	85.2	
206	19.3	14.1	21.1	

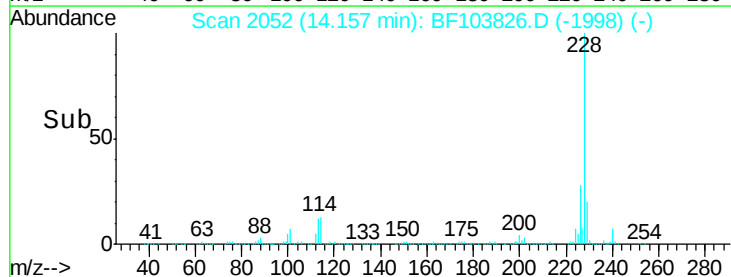
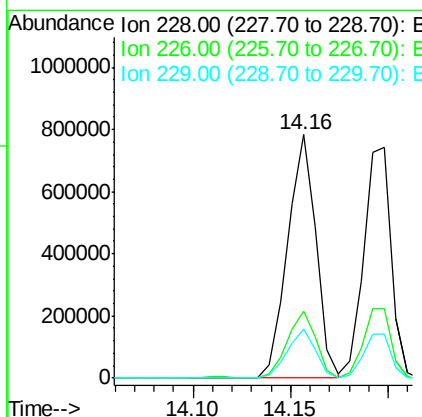
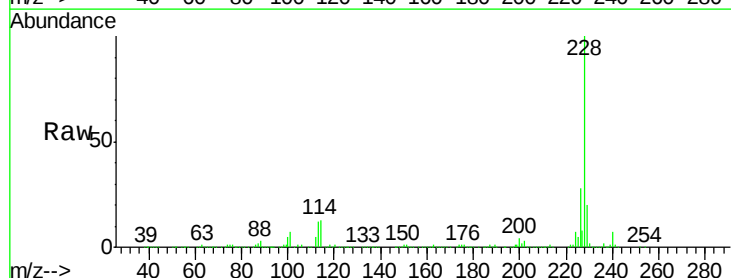
Manual Integrations
APPROVED

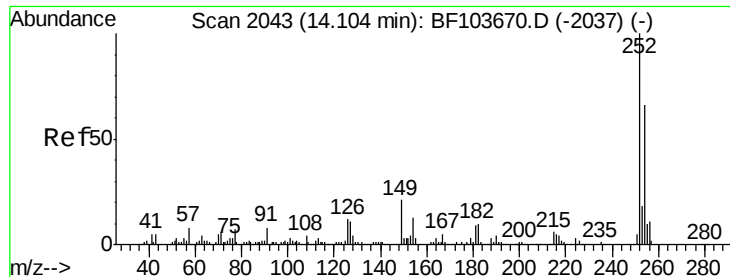
Sohil
3/22/2018 12:58:00 PM



#80
Benzo(a)anthracene
Concen: 40.621 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	784679		
226	27.5	22.6	33.8	
229	19.9	15.8	23.6	





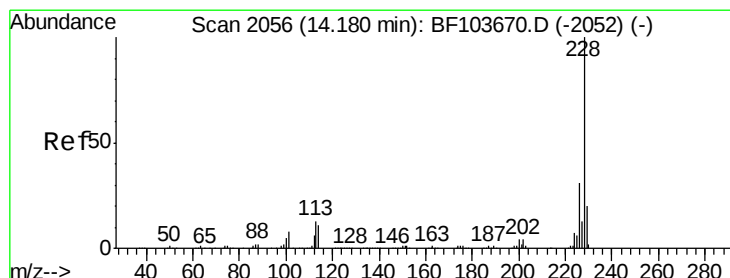
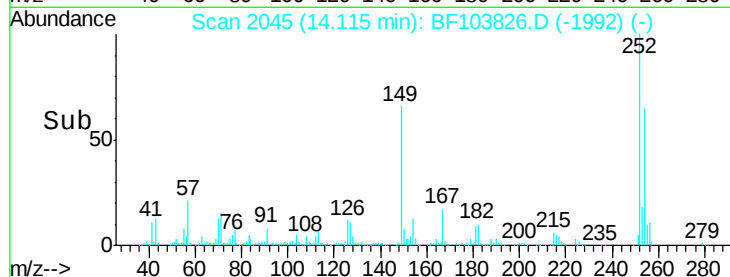
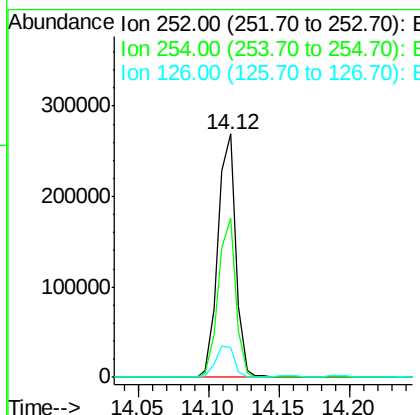
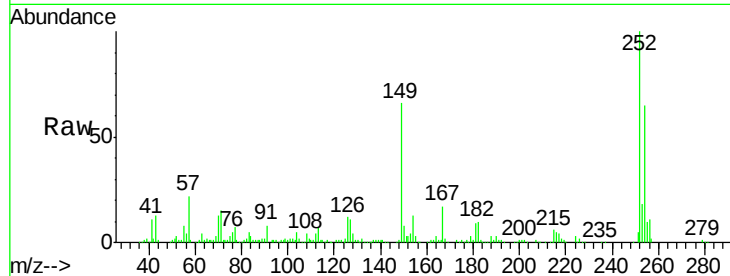
#81
 3,3'-Dichlorobenzidine
 Concen: 36.733 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	50.4	75.6
126	12.1	11.3	16.9

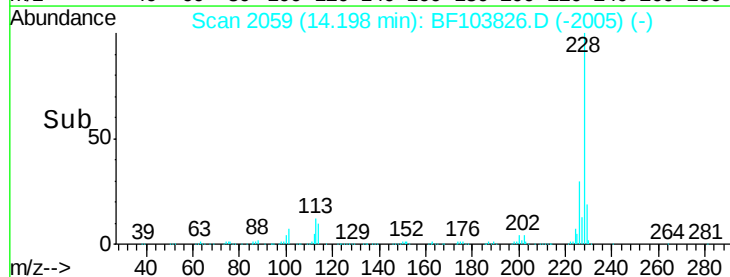
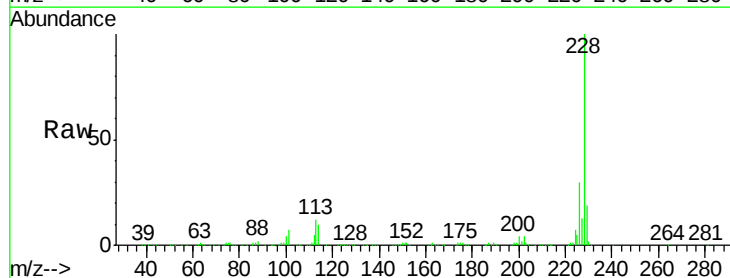
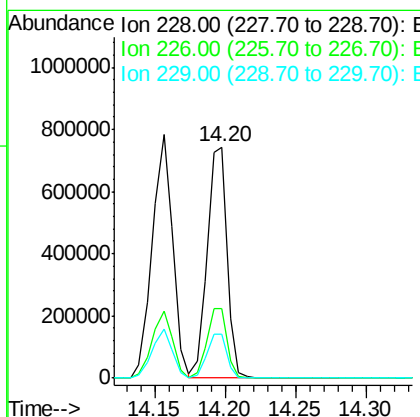
Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:58:00 PM



#82
 Chrysene
 Concen: 39.323 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.02 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	25.0	37.6
229	19.2	16.2	24.4





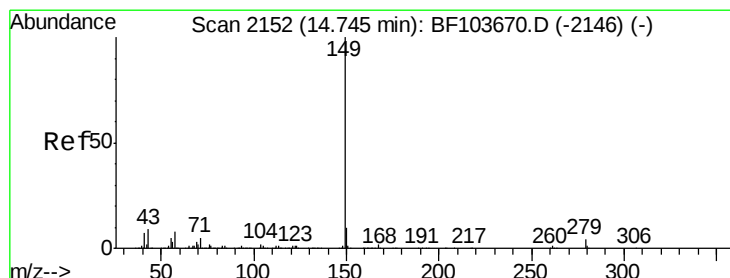
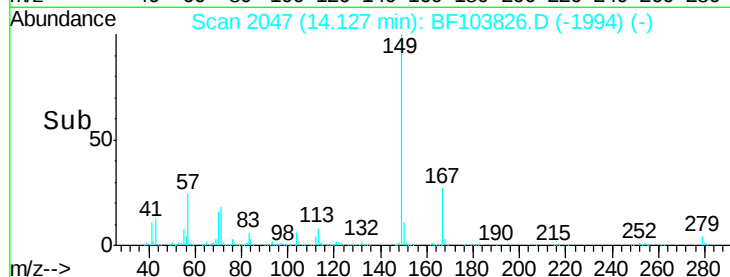
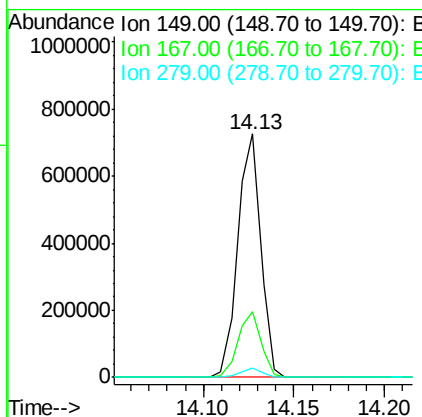
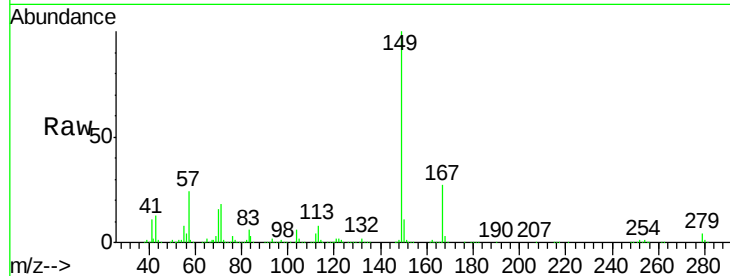
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.232 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.8	3.0	4.4

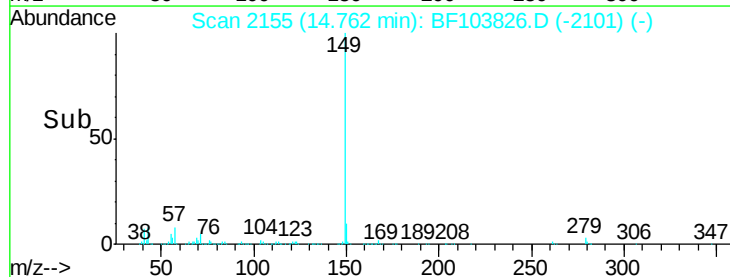
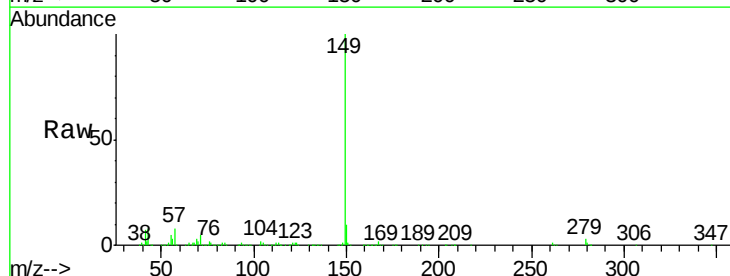
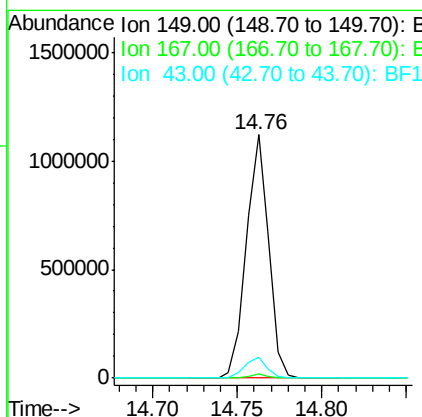
Manual Integrations
 APPROVED

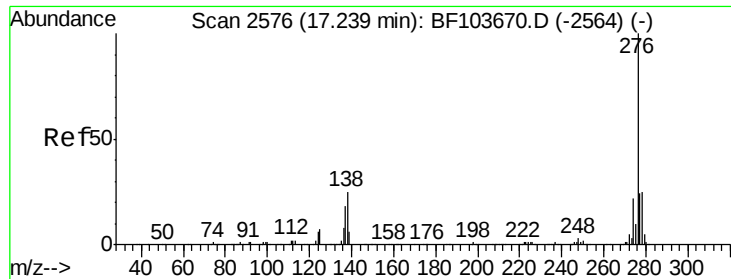
Sohil
 3/22/2018 12:58:00 PM



#84
 Di-n-octyl phthalate
 Concen: 49.949 ng
 RT: 14.76 min Scan# 2155
 Delta R.T. 0.02 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.4	12.6





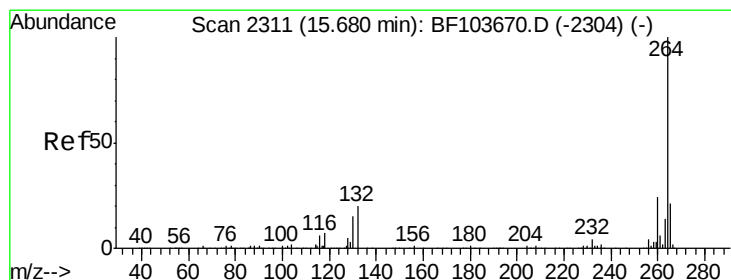
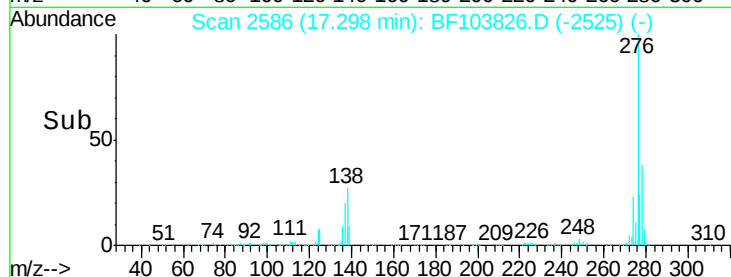
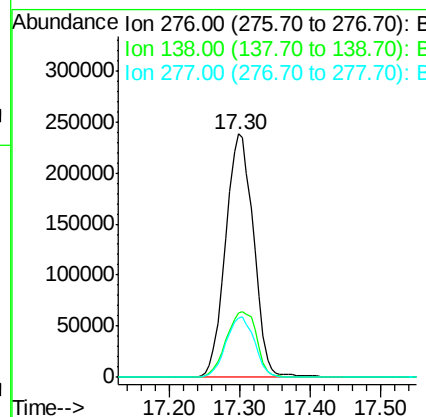
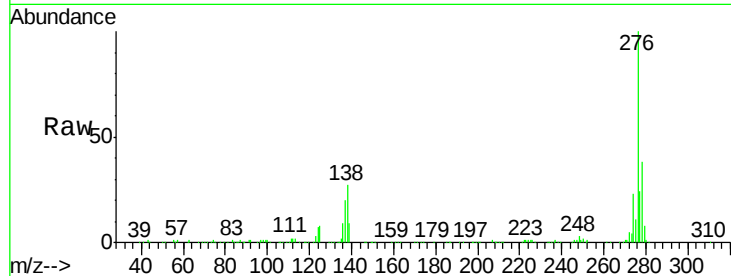
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.911 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.06 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.3	20.1	30.1

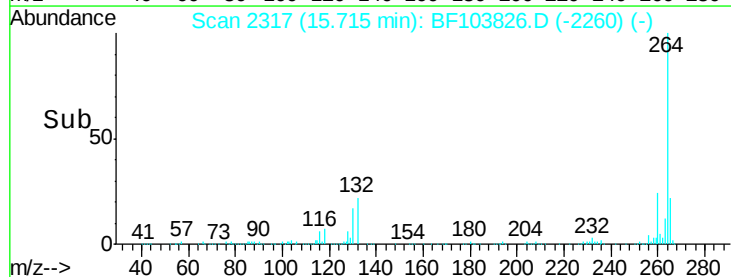
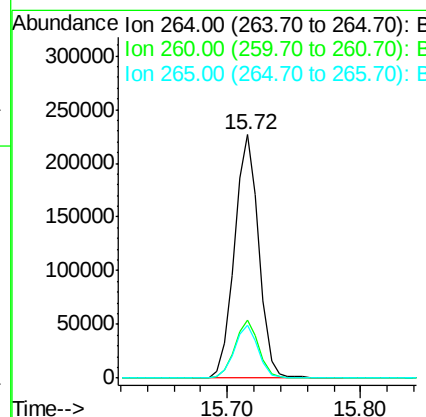
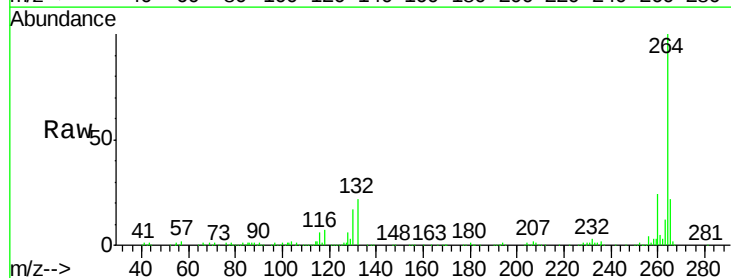
Manual Integrations
APPROVED

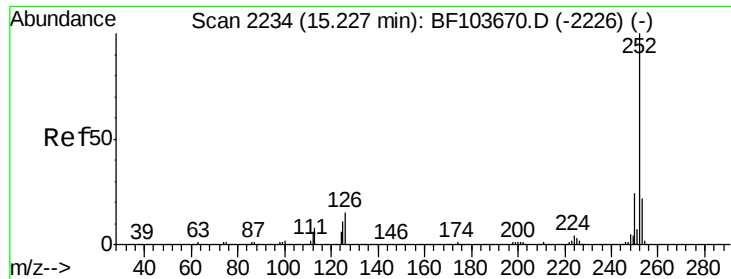
Sohil
3/22/2018 12:58:00 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.04 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3





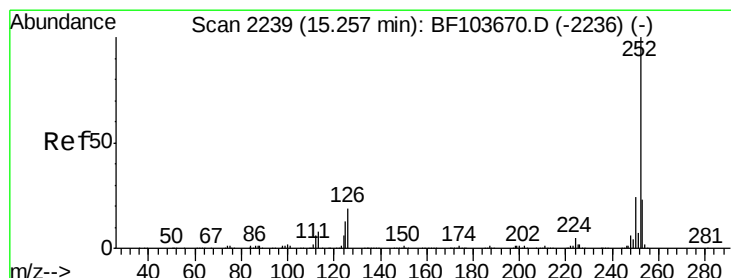
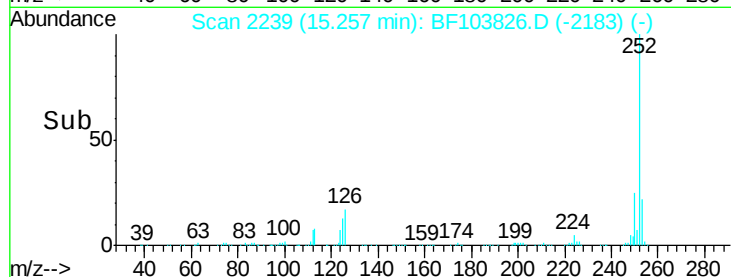
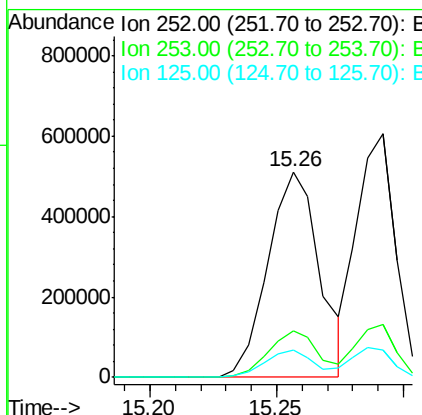
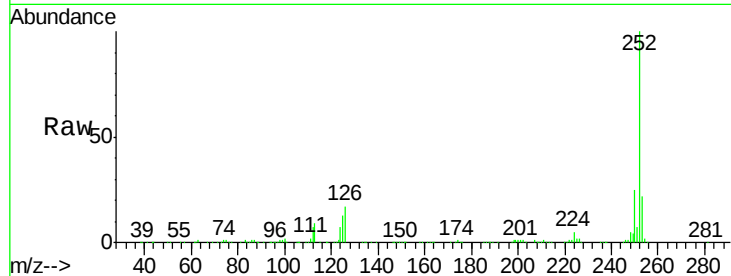
#87
Benzo(b)fluoranthene
Concen: 39.965 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.03 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.0	9.0	13.6

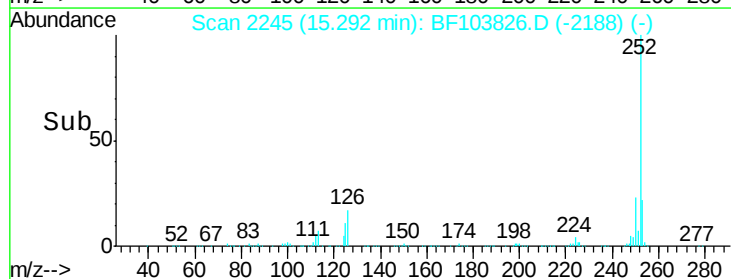
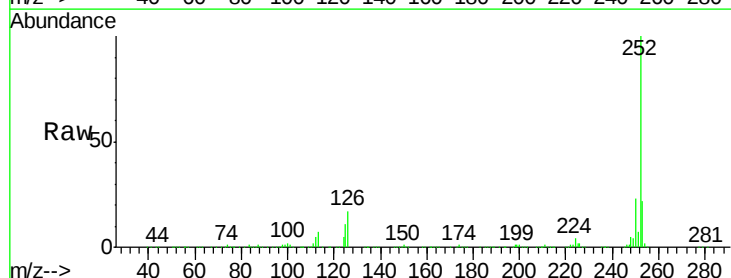
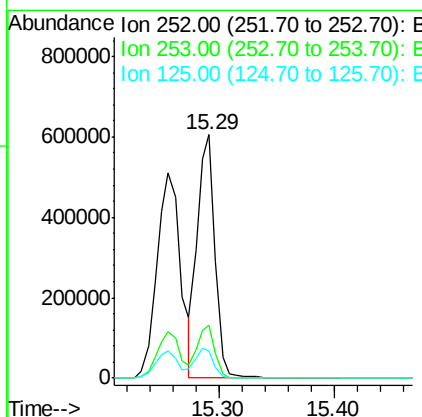
Manual Integrations
APPROVED

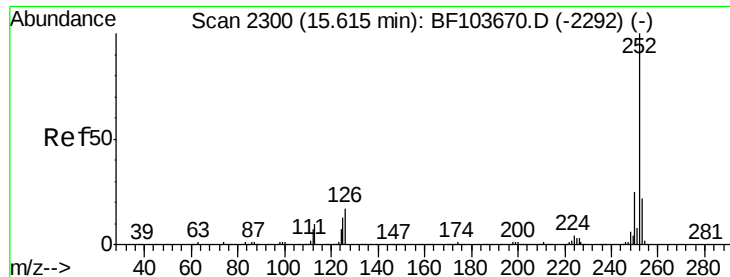
Sohil
3/22/2018 12:58:00 PM



#88
Benzo(k)fluoranthene
Concen: 37.177 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.04 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.3	10.2	15.2





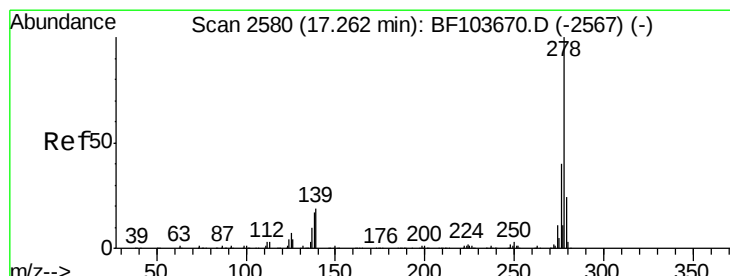
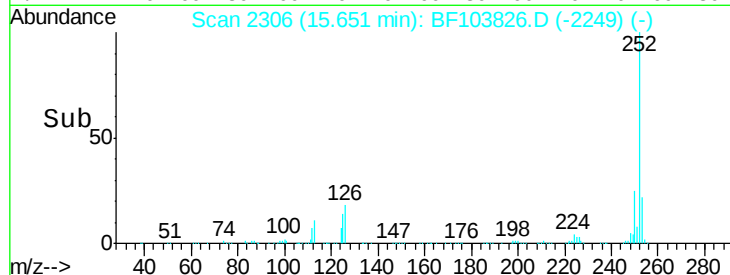
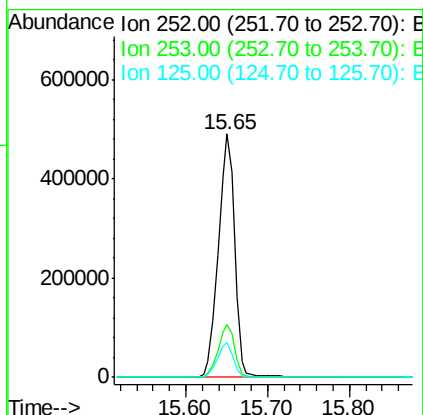
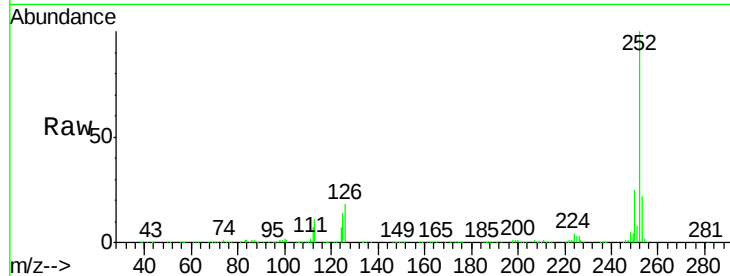
#89
Benzo(a)pyrene
Concen: 41.386 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.04 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.1	9.8	14.6

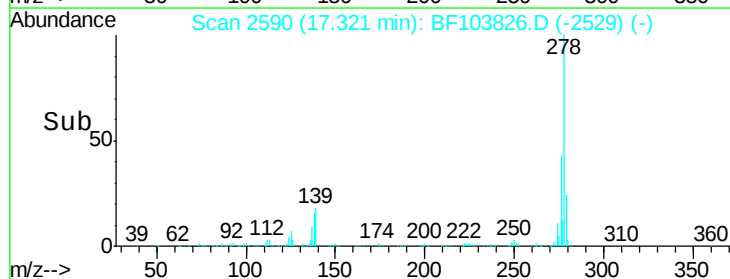
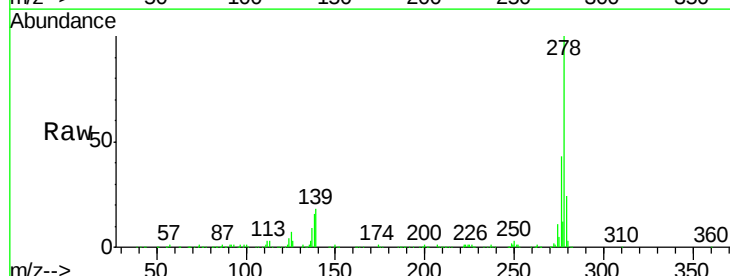
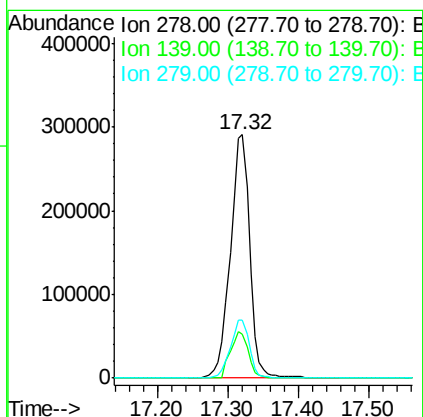
Manual Integrations
APPROVED

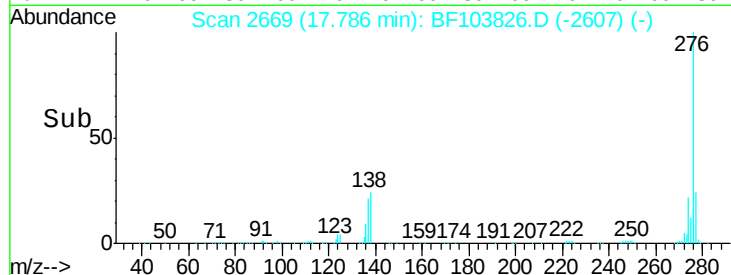
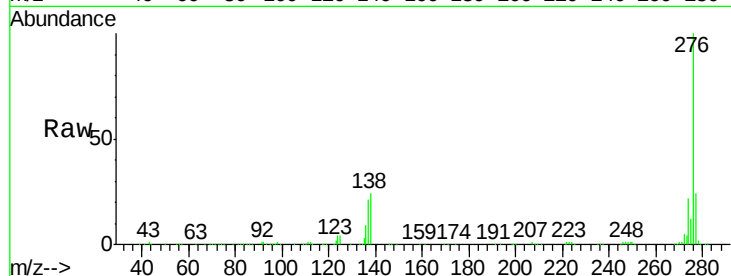
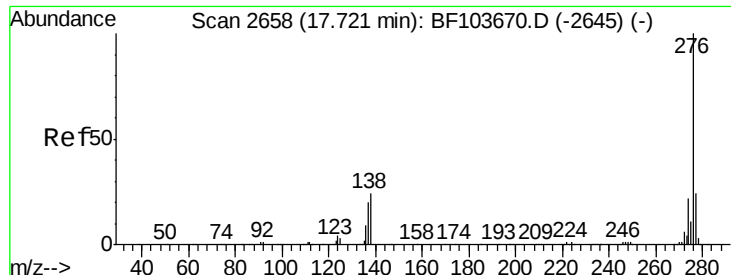
Sohil
3/22/2018 12:58:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.898 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.06 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.326 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.06 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:58:00 PM

