

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103910.D
 Acq On : 24 Mar 2018 5:18
 Operator : JU/SJ
 Sample : PB107612BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM

Quant Time: Mar 24 06:46:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127565	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	503063	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	209665	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	318672	20.00	ng	0.00
75) Chrysene-d12	14.17	240	231396	20.00	ng	0.00
86) Perylene-d12	15.71	264	172011	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	690223	82.30	ng	0.01
7) Phenol-d6	6.60	99	849709	82.81	ng	0.00
23) Nitrobenzene-d5	7.54	82	718358	99.58	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	172137	95.49	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1259547	95.83	ng	0.00
78) Terphenyl-d14	13.10	244	931726	93.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	134537	32.578	ng	# 89
3) Pyridine	3.66	79	391901	34.501	ng	88
4) n-Nitrosodimethylamine	3.62	42	153589	36.672	ng	# 72
6) Aniline	6.64	93	252255	17.217	ng	96
8) 2-Chlorophenol	6.76	128	376797	42.887	ng	94
9) Benzaldehyde	6.53	77	99289	14.729	ng	96
10) Phenol	6.61	94	463164	42.479	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	352019	39.109	ng	97
12) 1,3-Dichlorobenzene	6.92	146	386104	38.585	ng	98
13) 1,4-Dichlorobenzene	6.99	146	390170	38.803	ng	100
14) 1,2-Dichlorobenzene	7.15	146	364244	39.037	ng	100
15) Benzyl Alcohol	7.11	79	302037	37.991	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	454381	35.493	ng	92
17) 2-Methylphenol	7.22	107	307556	39.310	ng	96
18) Hexachloroethane	7.49	117	102674	29.029	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	241211	36.681	ng	94
20) 3+4-Methylphenols	7.37	107	382938	38.567	ng	95
22) Acetophenone	7.38	105	480128	37.136	ng	# 96
24) Nitrobenzene	7.56	77	365460	43.152	ng	97
25) Isophorone	7.79	82	680494	40.749	ng	99
26) 2-Nitrophenol	7.87	139	149708	46.764	ng	89
27) 2,4-Dimethylphenol	7.90	122	338232	47.278	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	444849	43.991	ng	99
29) 2,4-Dichlorophenol	8.11	162	297162	45.656	ng	100
30) 1,2,4-Trichlorobenzene	8.20	180	303553	40.211	ng	99
31) Naphthalene	8.28	128	1012806	39.855	ng	100
32) Benzoic acid	8.01	122	175544m	37.505	ng	
33) 4-Chloroaniline	8.32	127	116401	10.918	ng	97
34) Hexachlorobutadiene	8.39	225	164007	39.625	ng	100
35) Caprolactam	8.70	113	98559m	43.976	ng	
36) 4-Chloro-3-methylphenol	8.80	107	307818	42.900	ng	97
37) 2-Methylnaphthalene	8.97	142	657829	40.820	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	276411	46.211	ng	98
40) Hexachlorocyclopentadiene	9.12	237	22344	7.239	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103910.D
 Acq On : 24 Mar 2018 5:18
 Operator : JU/SJ
 Sample : PB107612BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM

Quant Time: Mar 24 06:46:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	187907	49.114	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	192397	44.554	nq	97
45) 1,1'-Biphenyl	9.43	154	760505	43.500	nq	100
46) 2-Chloronaphthalene	9.46	162	590161	42.500	nq	99
47) 2-Nitroaniline	9.56	65	190534	51.819	nq	98
48) Acenaphthylene	9.88	152	868710	40.343	nq	100
49) Dimethylphthalate	9.73	163	720490	45.041	nq	100
50) 2,6-Dinitrotoluene	9.80	165	132609	43.281	nq	92
51) Acenaphthene	10.05	154	515336	40.306	nq	99
52) 3-Nitroaniline	9.97	138	160156	43.567	nq	98
53) 2,4-Dinitrophenol	10.07	184	10982	26.019	nq #	25
54) Dibenzofuran	10.23	168	769898	42.162	nq	99
55) 4-Nitrophenol	10.13	139	219038	75.115	nq	87
56) 2,4-Dinitrotoluene	10.20	165	158330	41.373	nq #	91
57) Fluorene	10.57	166	571036	40.300	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	143724	46.971	nq	92
59) Diethylphthalate	10.43	149	676714	42.623	nq	97
60) 4-Chlorophenyl-phenylether	10.56	204	281675	43.497	nq	95
61) 4-Nitroaniline	10.59	138	164924	46.346	nq	94
62) Azobenzene	10.72	77	585293	36.260	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	9154	16.234	nq	83
65) n-Nitrosodiphenylamine	10.67	169	523635	48.275	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	161804	49.452	nq #	89
67) Hexachlorobenzene	11.12	284	166903	44.694	nq #	85
68) Atrazine	11.20	200	153155	45.644	nq	99
69) Pentachlorophenol	11.32	266	150783	70.231	nq	97
70) Phenanthrene	11.54	178	741357	42.528	nq	98
71) Anthracene	11.59	178	757223	42.769	nq	99
72) Carbazole	11.74	167	709812	41.248	nq	99
73) Di-n-butylphthalate	12.06	149	957654	46.380	nq	99
74) Fluoranthene	12.73	202	732180	40.769	nq	97
76) Benzidine	12.85	184	618580	62.678	nq	98
77) Pyrene	12.96	202	741477	43.633	nq	99
79) Butylbenzylphthalate	13.57	149	358214	47.578	nq	96
80) Benzo(a)anthracene	14.16	228	625860	42.729	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	233592	47.677	nq #	98
82) Chrysene	14.19	228	589087	42.190	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	500426	46.526	nq	99
84) Di-n-octyl phthalate	14.75	149	851677	54.428	nq	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	439951	36.081	nq	98
87) Benzo(b)fluoranthene	15.25	252	477294	43.920	nq	98
88) Benzo(k)fluoranthene	15.28	252	479789	45.929	nq	100
89) Benzo(a)pyrene	15.64	252	436787	44.314	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	370399	43.398	nq	99
91) Benzo(g,h,i)perylene	17.78	276	362441	43.651	nq	96

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

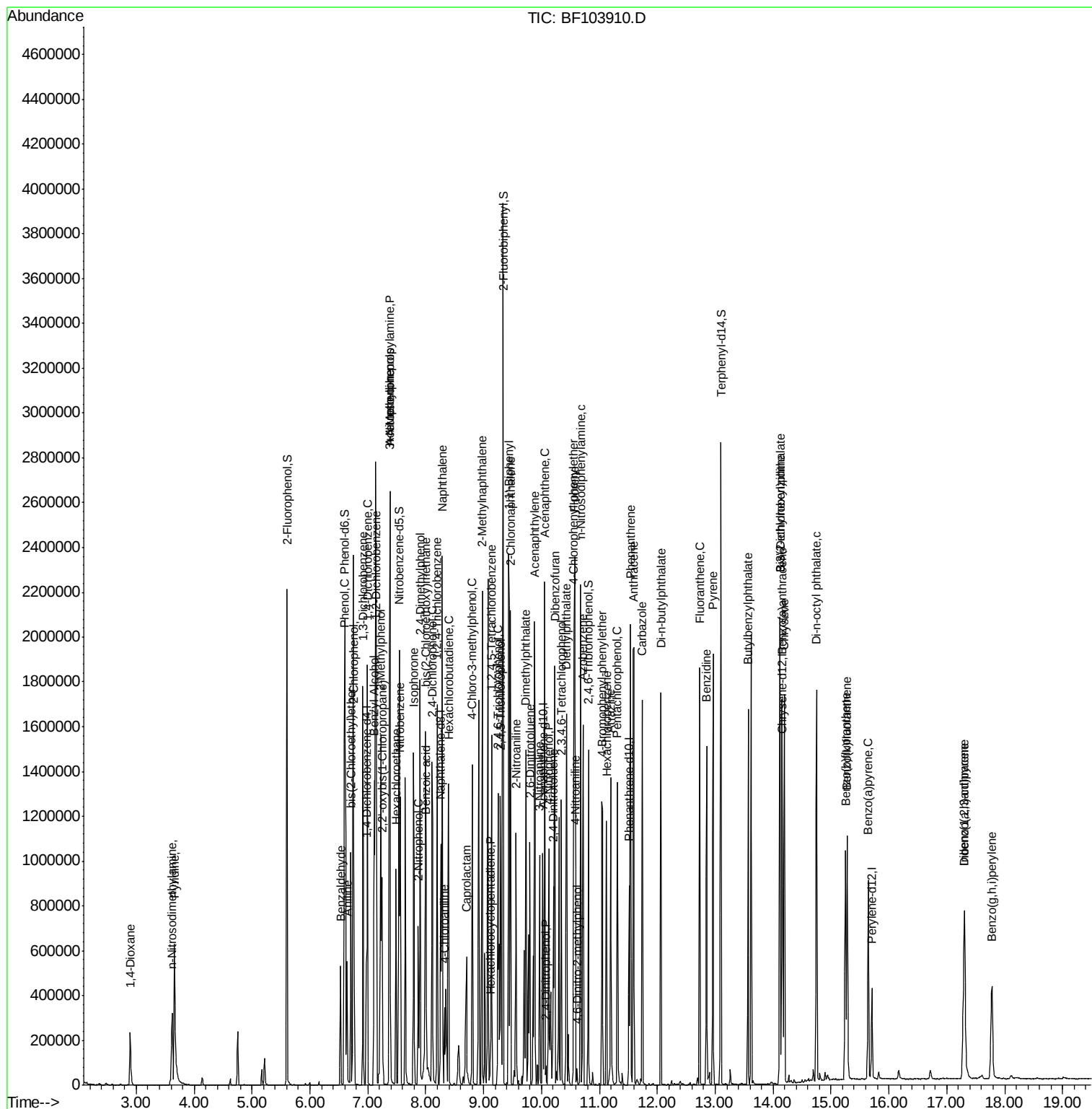
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103910.D
 Acq On : 24 Mar 2018 5:18
 Operator : JU/SJ
 Sample : PB107612BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

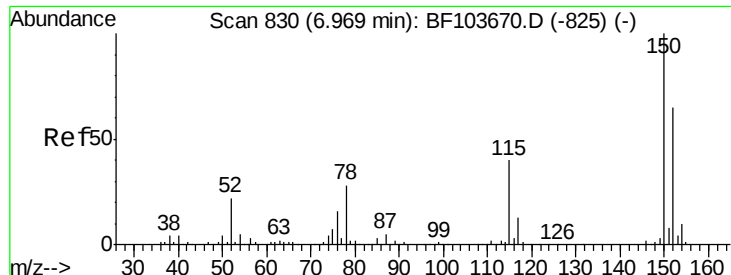
Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM

Quant Time: Mar 24 06:46:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration





#1

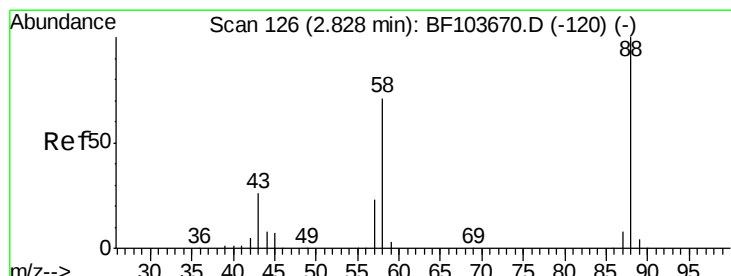
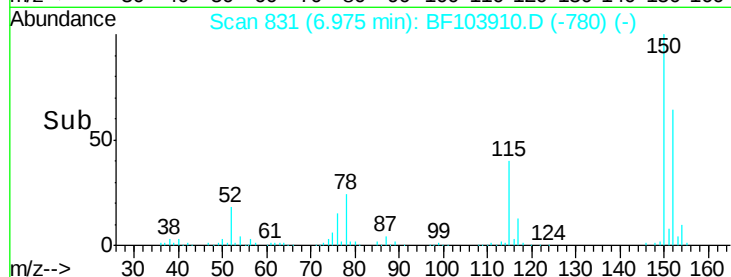
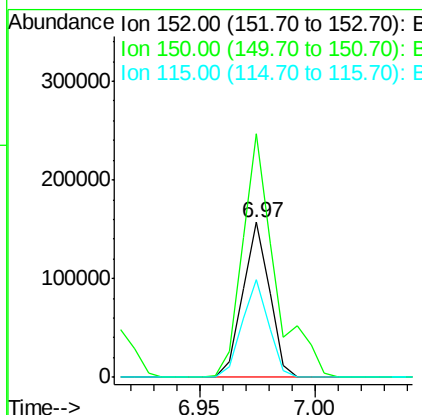
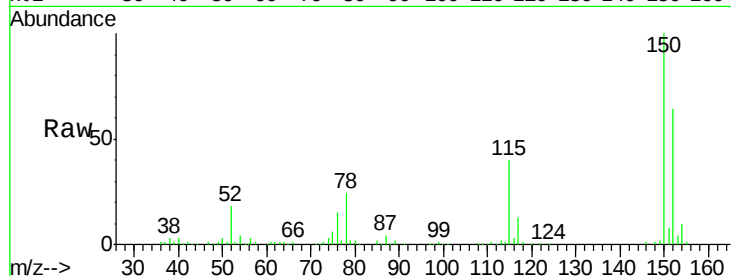
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
APPROVED

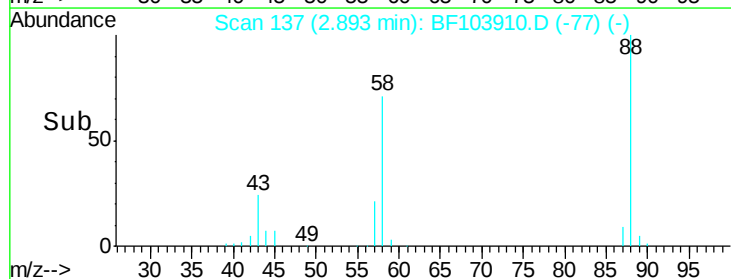
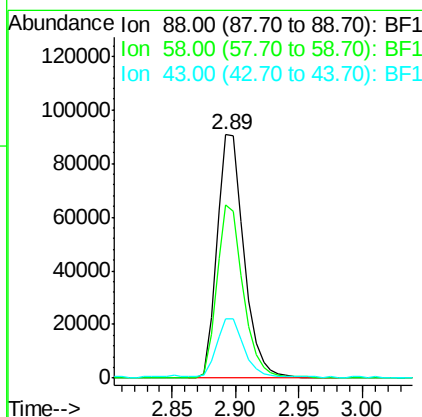
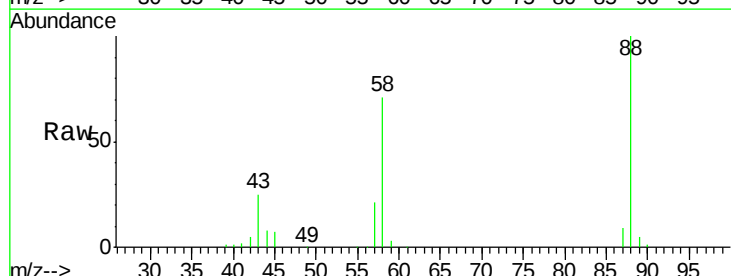
Sohil
3/26/2018 4:33:46 PM

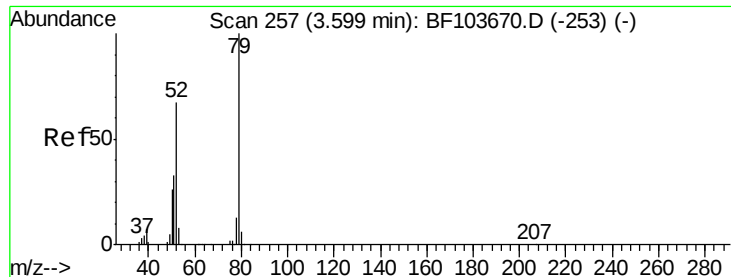


#2

1,4-Dioxane
Concen: 32.578 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.05 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	62.6	93.8
43	24.0	24.6	37.0





#3

Pvridine

Concen: 34.501 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

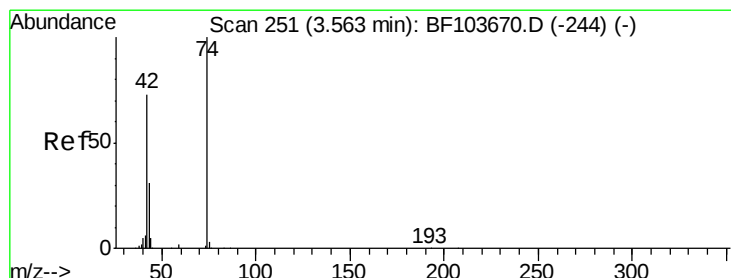
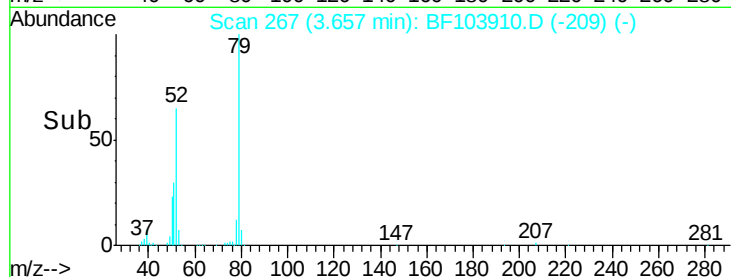
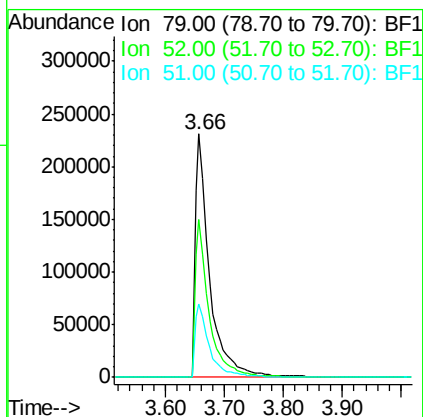
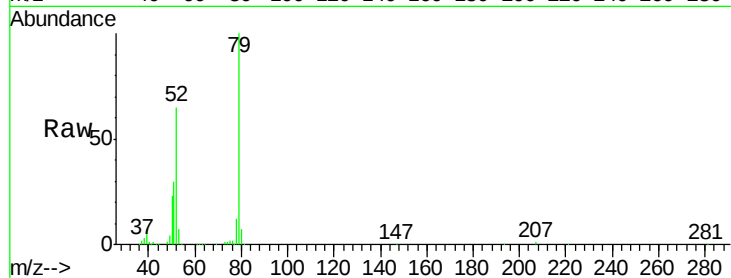
ClientSampleId :

PB107612BSD

Tot Ion:	79	Resp:	391901
Ion Ratio	Lower	Upper	
79	100		
52	64.7	59.8	89.6
51	30.3	29.8	44.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#4

n-Nitrosodimethylamine

Concen: 36.672 ng

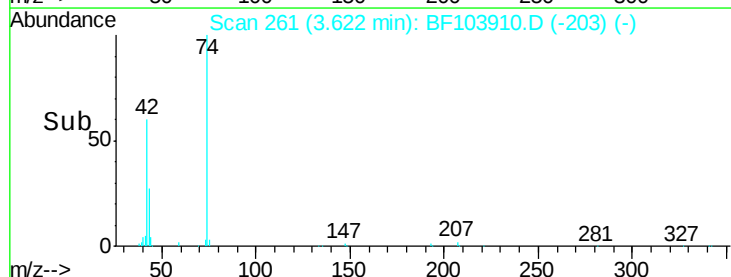
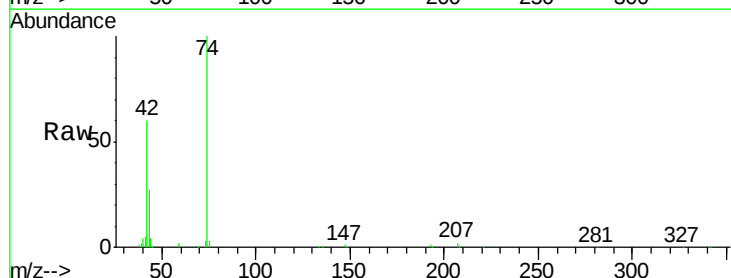
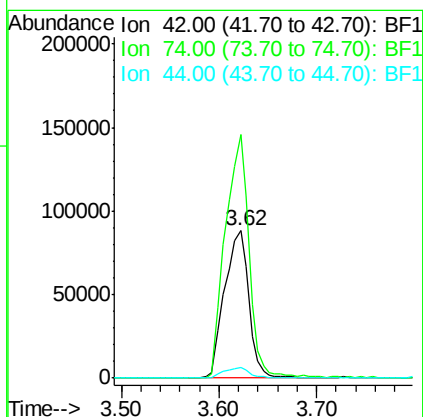
RT: 3.62 min Scan# 261

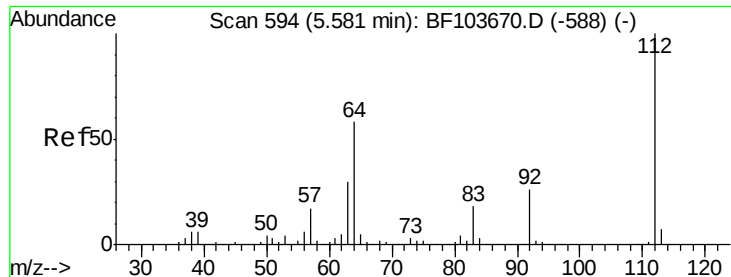
Delta R.T. 0.04 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	42	Resp:	153589
Ion Ratio	Lower	Upper	
42	100		
74	165.5	104.9	157.3#
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 82.297 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

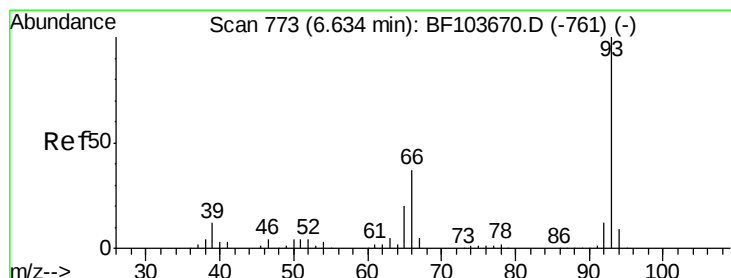
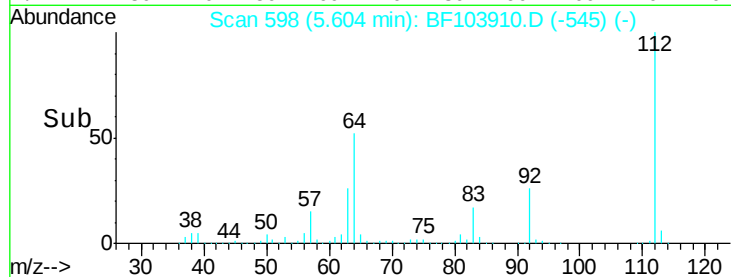
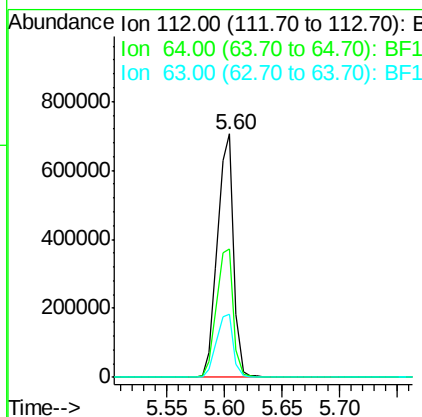
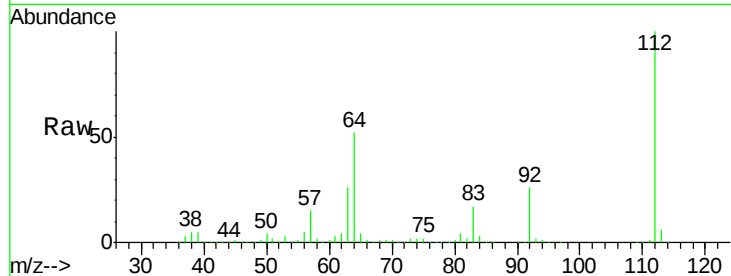
ClientSampleId :

PB107612BSD

Tot Ion:	112	Resp:	690223
Ion Ratio	Lower	Upper	
112	100		
64	52.5	47.9	71.9
63	25.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#6

Aniline

Concen: 17.217 ng

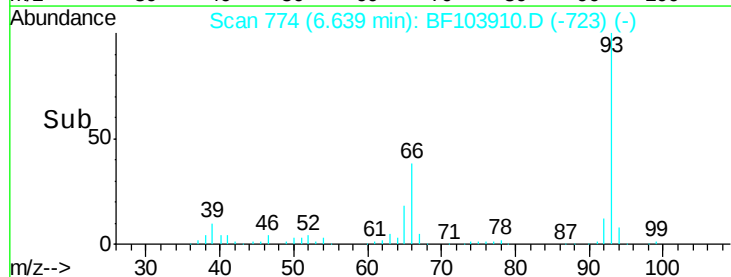
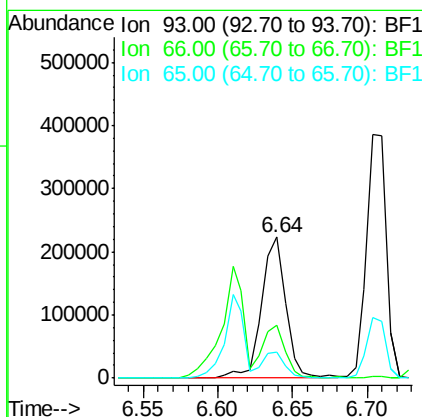
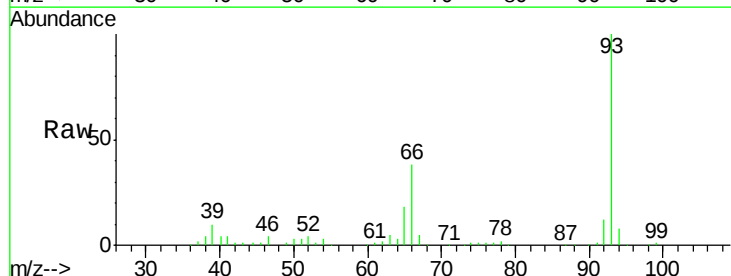
RT: 6.64 min Scan# 774

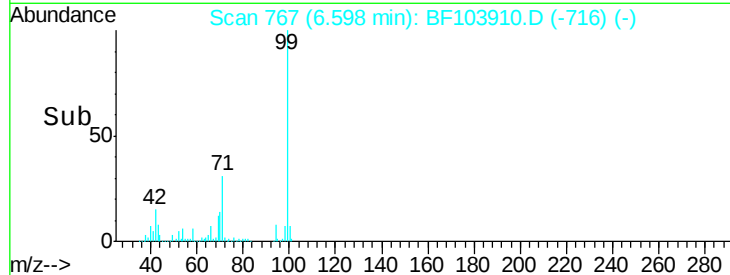
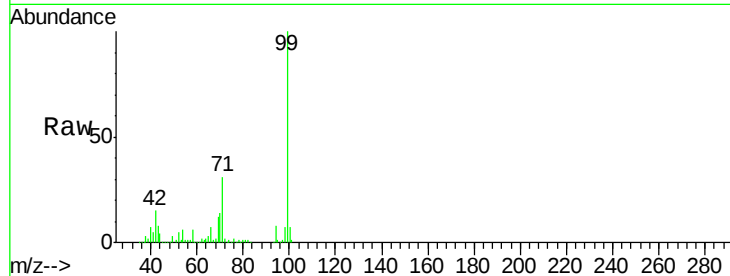
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	93	Resp:	252255
Ion Ratio	Lower	Upper	
93	100		
66	37.8	32.2	48.2
65	18.4	16.4	24.6





#7

Phenol-d6

Concen: 82.811 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103910.D

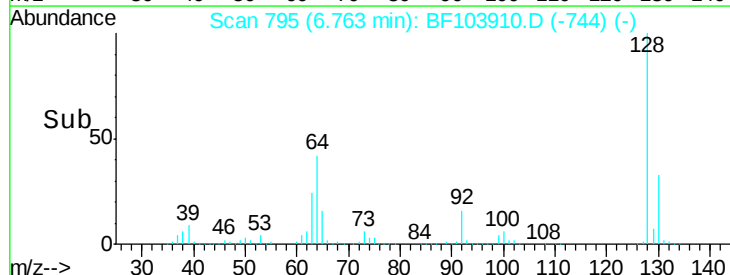
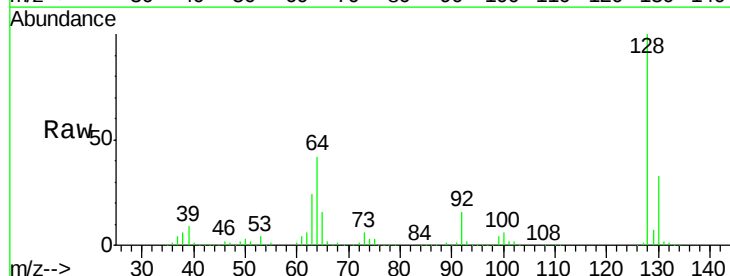
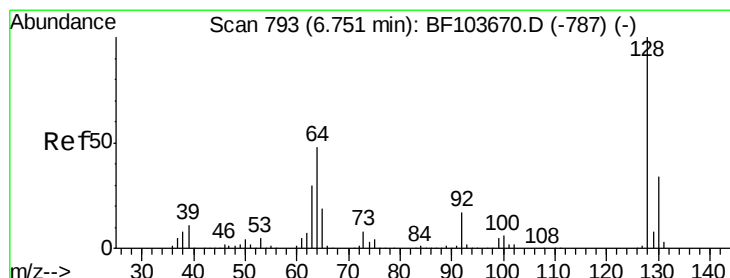
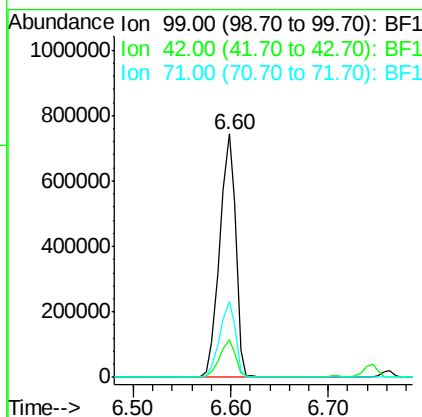
Acq: 24 Mar 2018 5:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		849709		
42	15.4	14.5	21.7		
71	31.3	25.4	38.0		

Instrument :
BNA_F
ClientSampled :
PB107612BSD

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#8

2-Chlorophenol

Concen: 42.887 ng

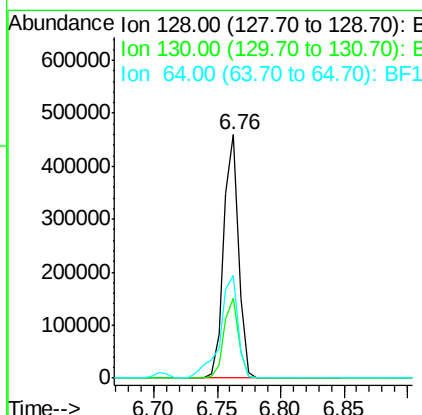
RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		376797		
130	32.8	13.0	53.0		
64	42.2	29.4	69.4		





#9

Benzaldehyde

Concen: 14.729 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

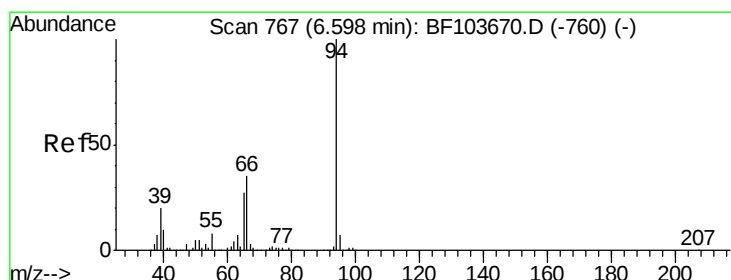
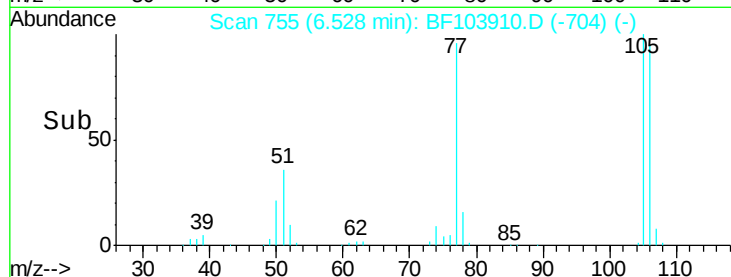
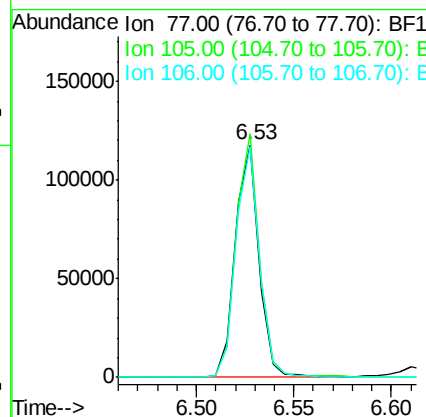
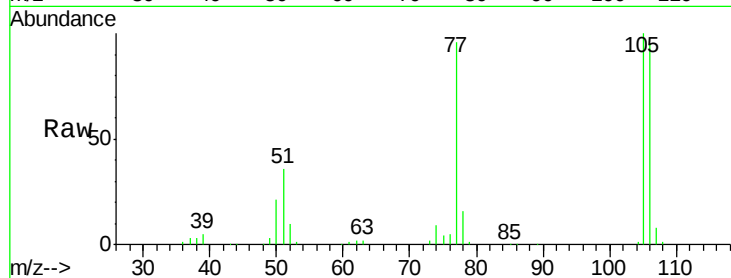
ClientSampleId :

PB107612BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.7	81.1	121.1		
106	99.5	74.5	114.5		

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#10

Phenol

Concen: 42.479 ng

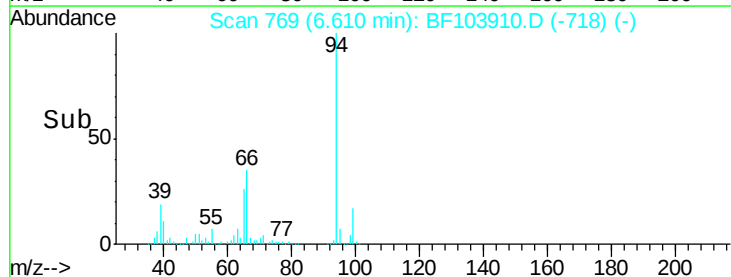
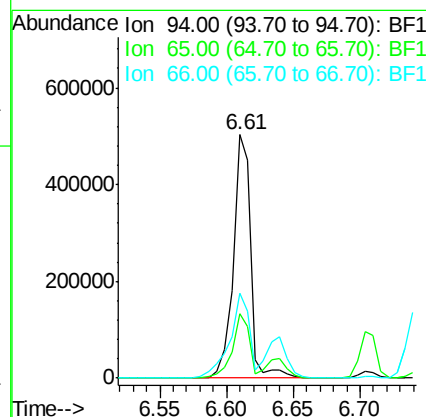
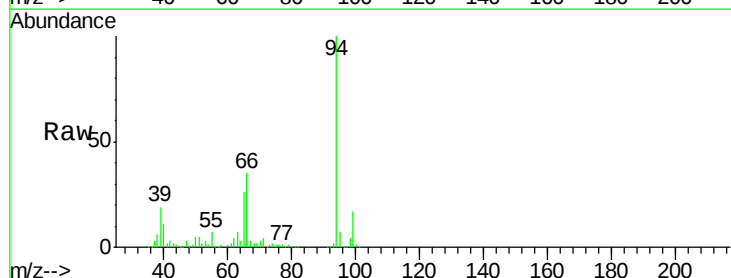
RT: 6.61 min Scan# 769

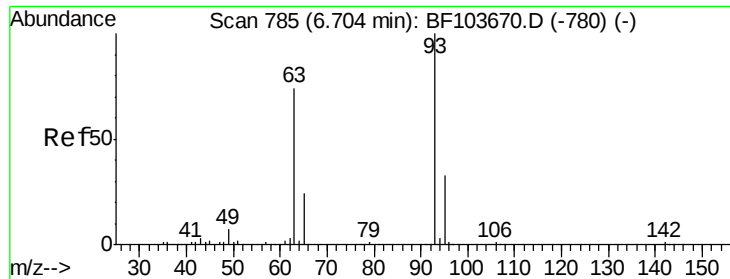
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.4	7.9	47.9		
66	35.0	16.2	56.2		





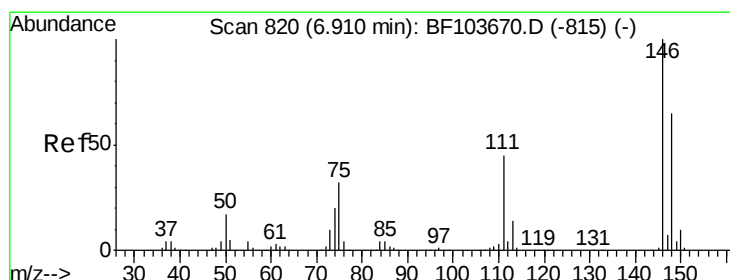
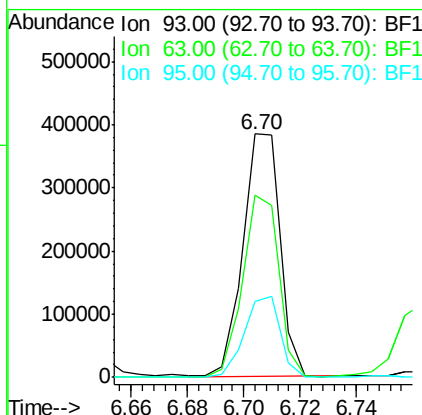
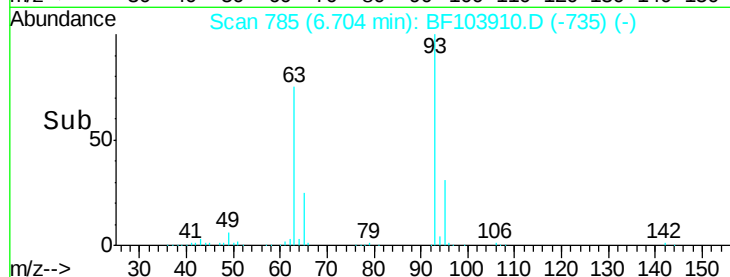
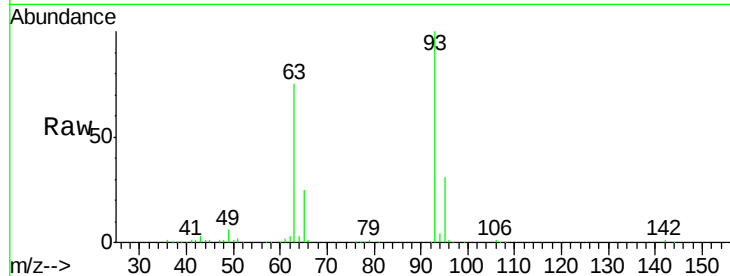
#11
bis(2-Chloroethyl)ether
Concen: 39.109 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion:	93	Resp:	352019
Ion Ratio	Lower	Upper	
93	100		
63	74.6	58.6	98.6
95	31.4	11.8	51.8

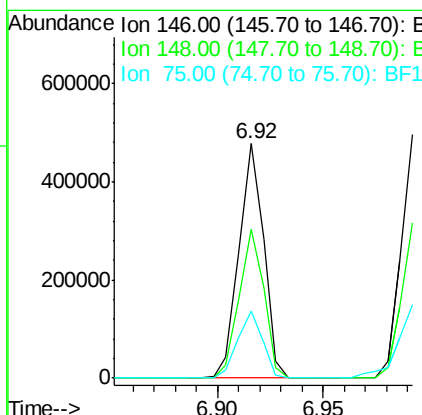
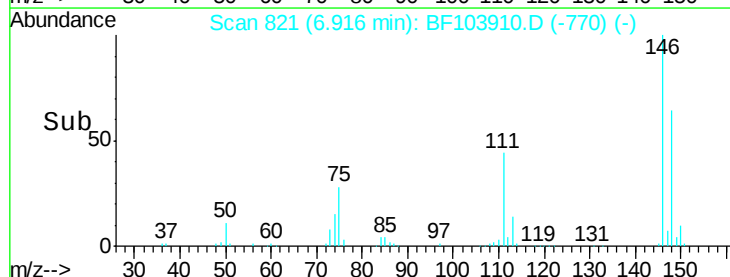
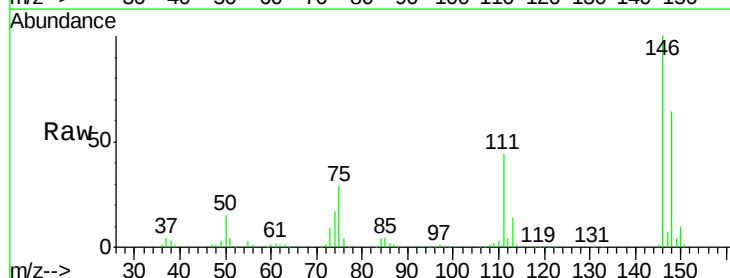
Manual Integrations
APPROVED

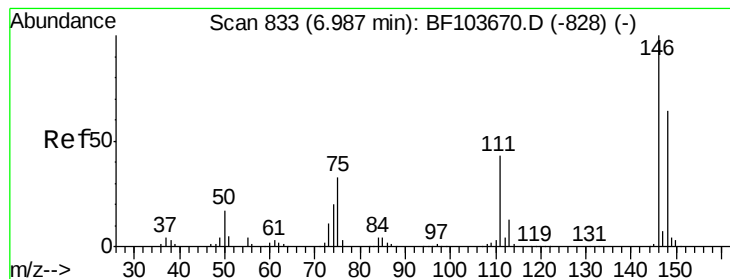
Sohil
3/26/2018 4:33:46 PM



#12
1,3-Dichlorobenzene
Concen: 38.585 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion:	146	Resp:	386104
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	28.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.803 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

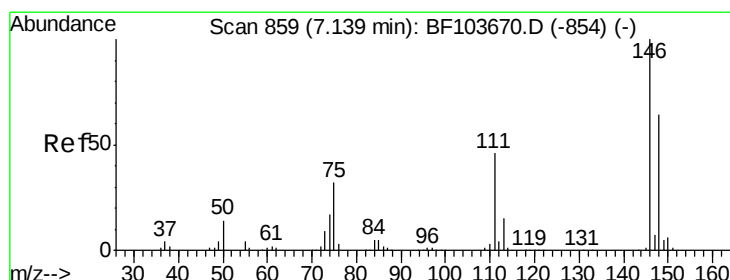
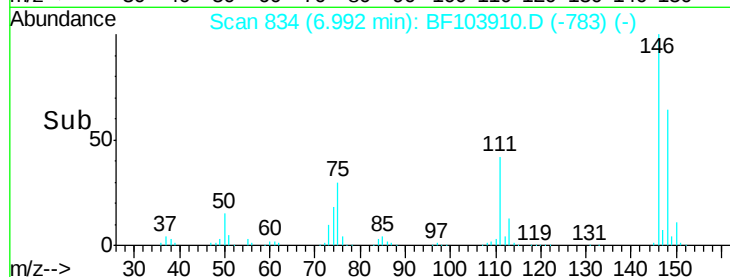
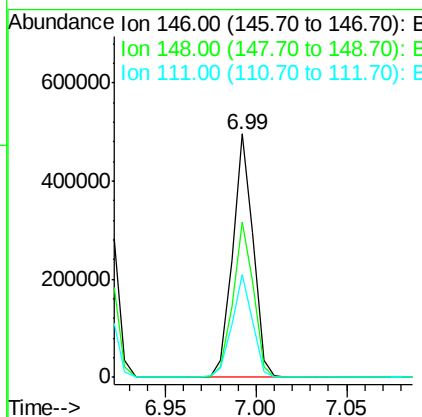
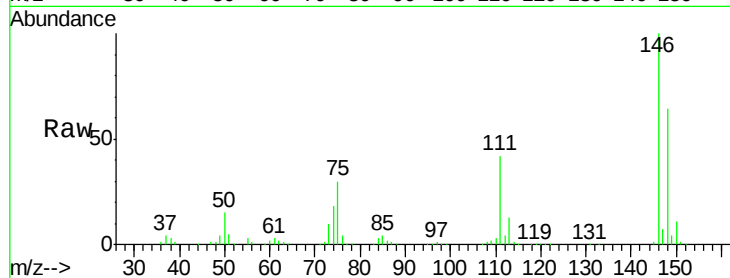
ClientSampleId :

PB107612BSD

Tot Ion:	146	Resp:	390170
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	42.4	34.2	51.2

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#14

1,2-Dichlorobenzene

Concen: 39.037 ng

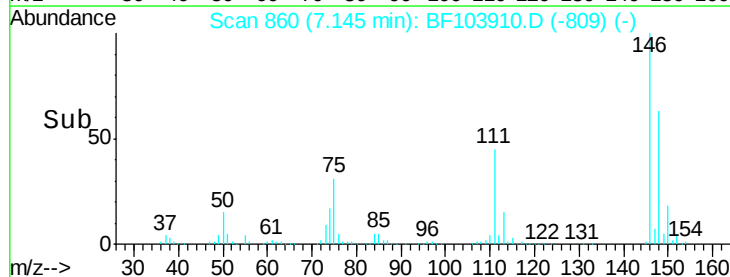
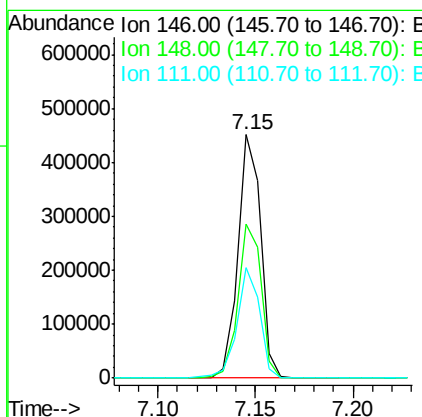
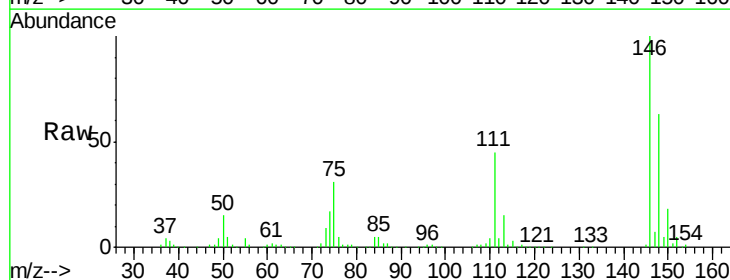
RT: 7.15 min Scan# 860

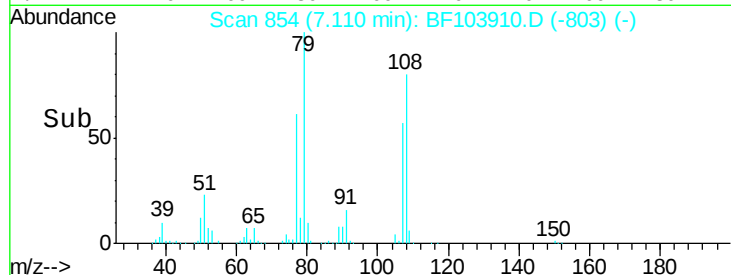
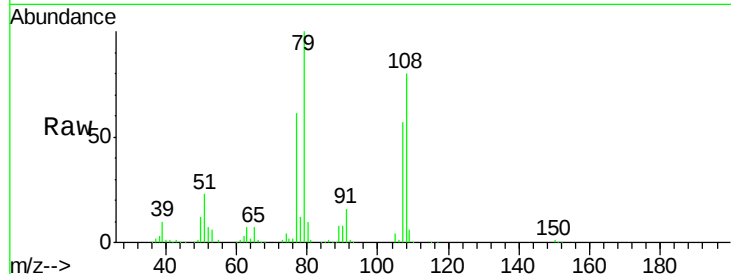
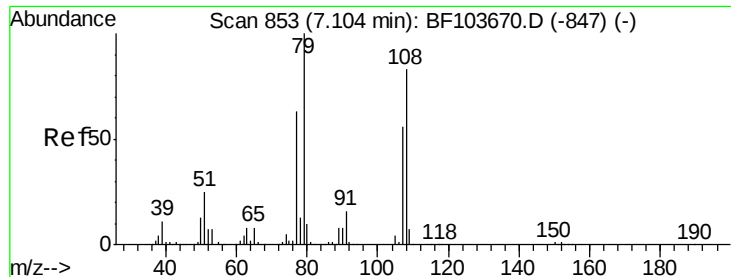
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	146	Resp:	364244
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	45.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.991 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tot Ion:	79	Resp:	302037
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.1	97.7
77	61.1	50.6	75.8

Instrument :

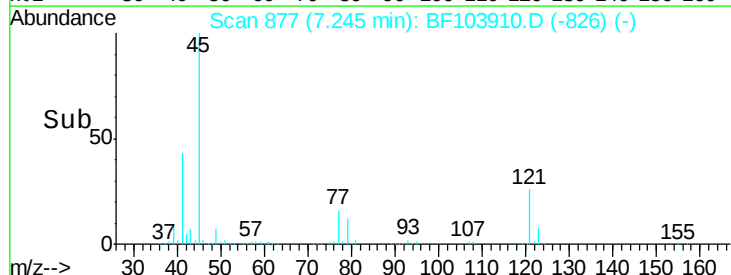
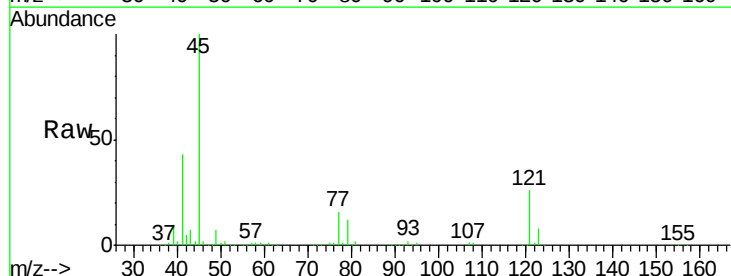
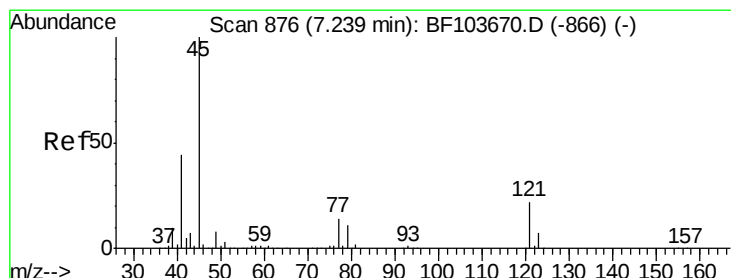
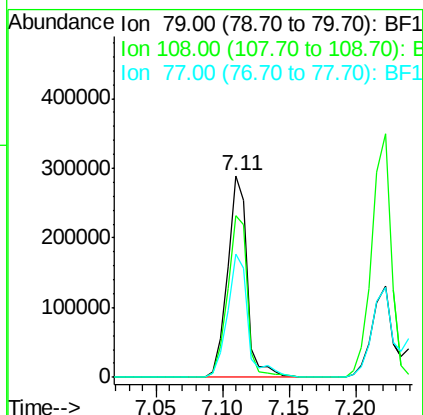
BNA_F

ClientSampleId :

PB107612BSD

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.493 ng

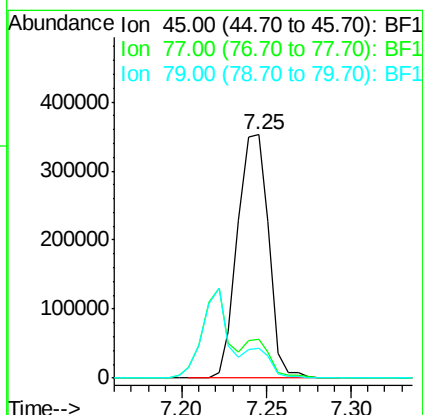
RT: 7.25 min Scan# 877

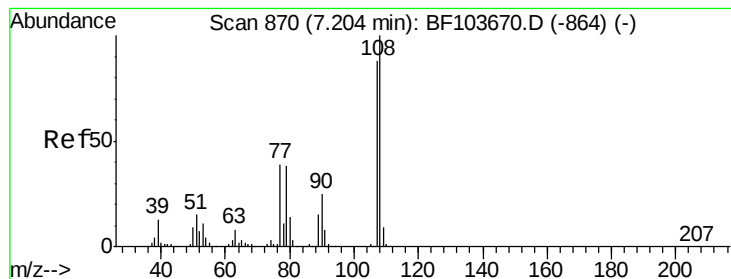
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	45	Resp:	454381
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	32.9
79	12.4	0.0	29.6





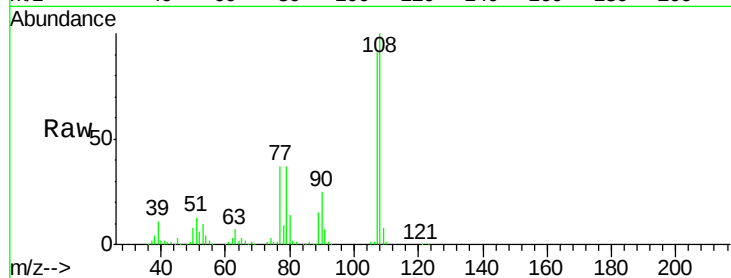
#17
2-Methylphenol
Concen: 39.310 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleID :
PB107612BSD

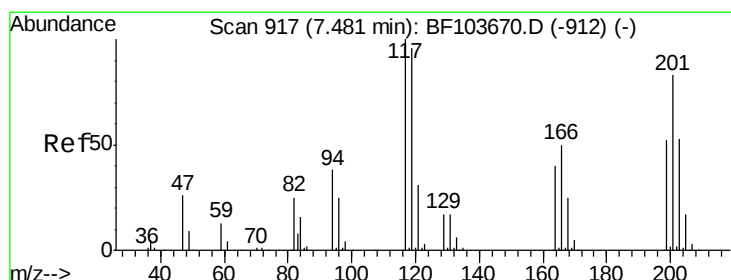
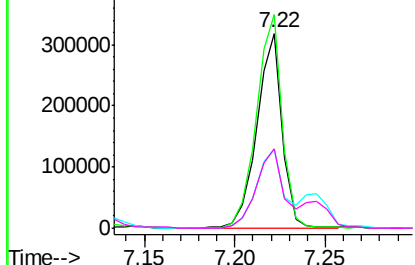
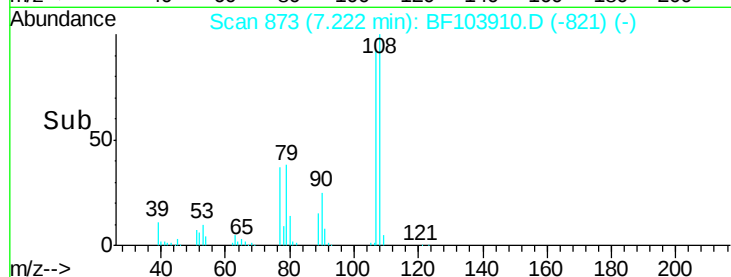
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	91.7	137.5	
77	40.8	33.8	50.8	
79	40.9	33.8	50.8	

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM

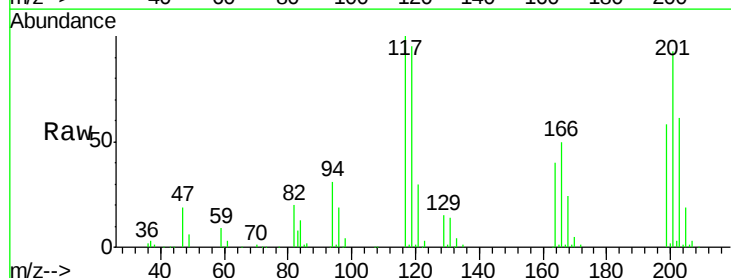


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

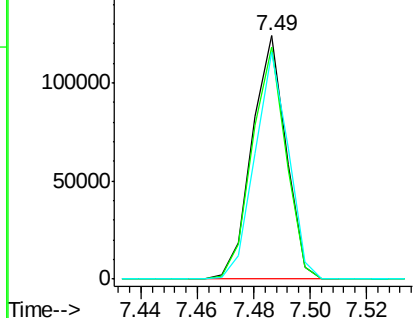
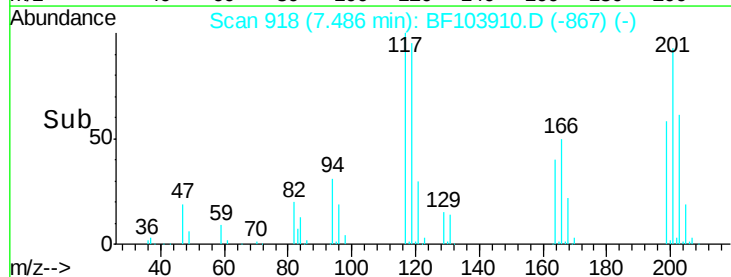


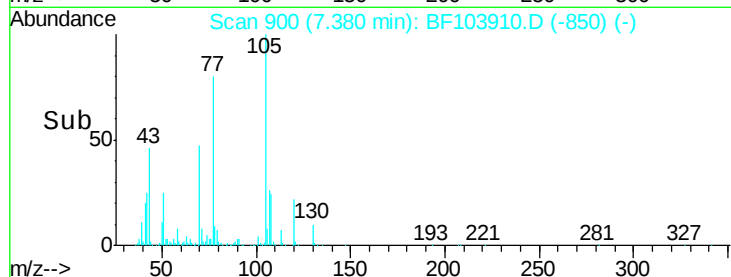
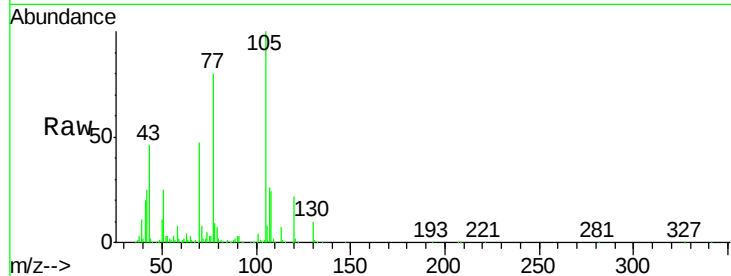
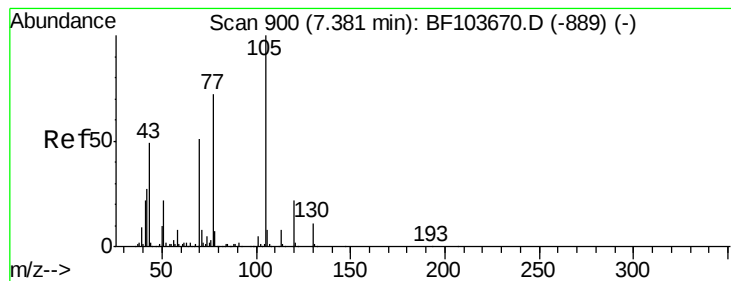
#18
Hexachloroethane
Concen: 29.029 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	93.3	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.681 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

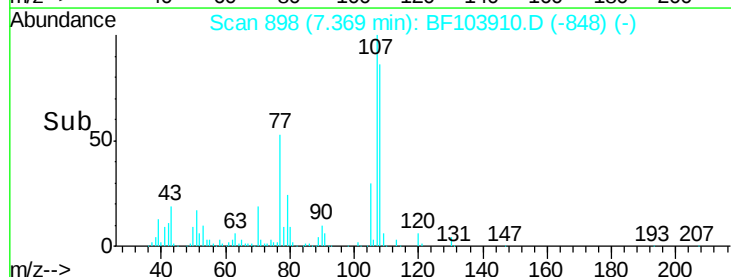
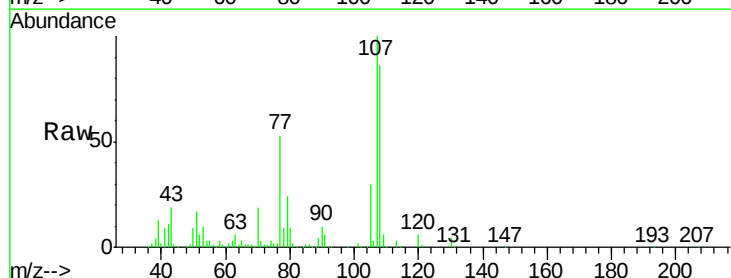
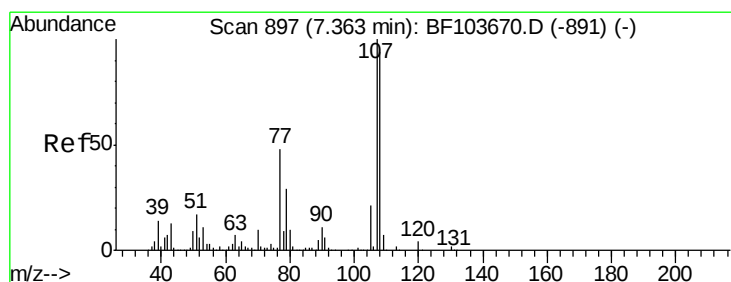
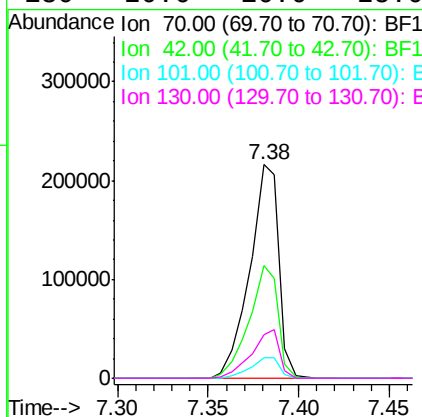
ClientSampleId :

PB107612BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	9.4	7.4	11.2
130	20.6	16.6	25.0

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#20

3+4-Methylphenols

Concen: 38.567 ng

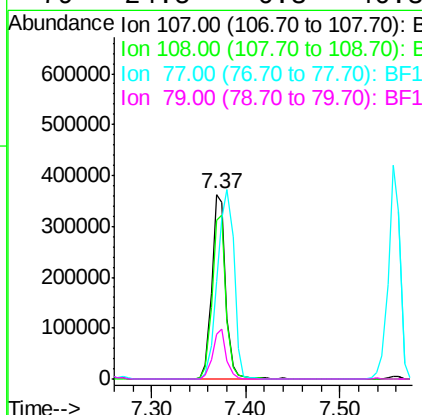
RT: 7.37 min Scan# 898

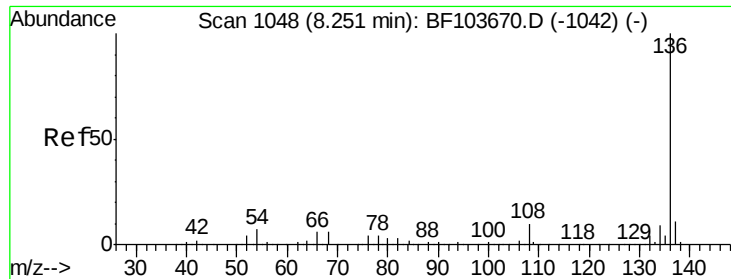
Delta R.T. -0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	52.7	26.7	66.7
79	24.5	6.3	46.3





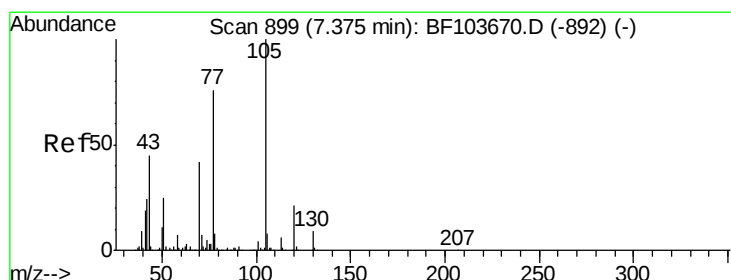
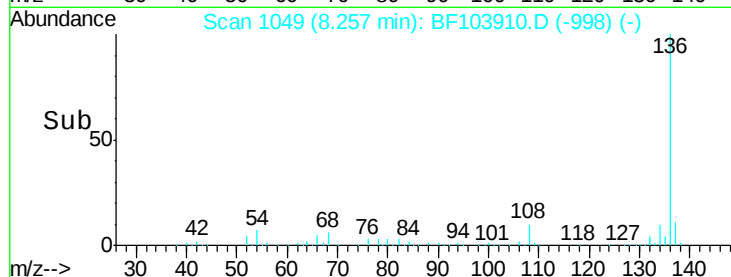
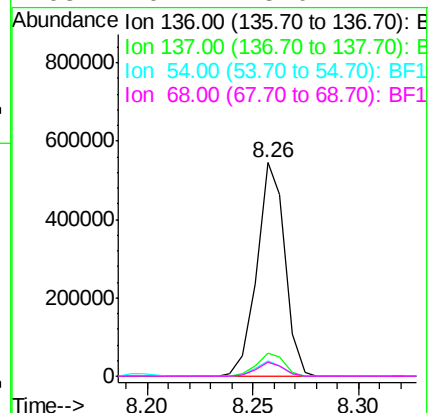
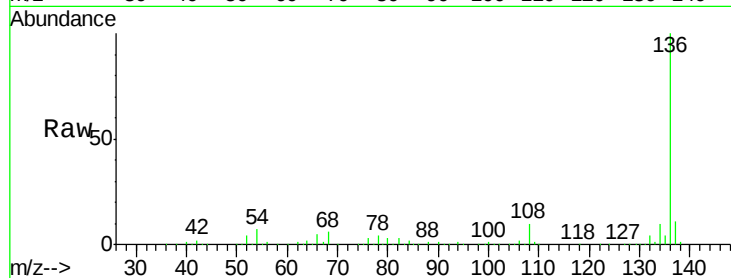
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	6.4	5.0	7.4

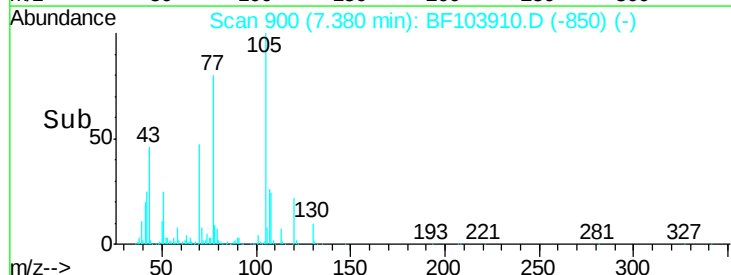
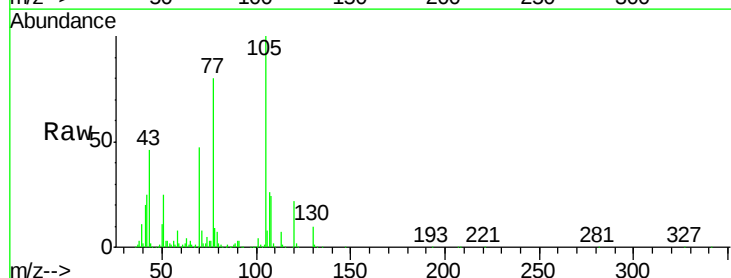
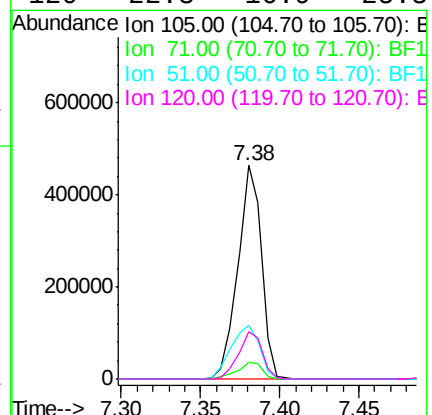
Manual Integrations
APPROVED

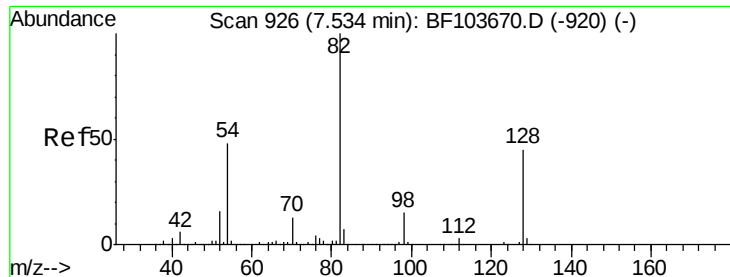
Sohil
3/26/2018 4:33:46 PM



#22
Acetophenone
Concen: 37.136 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.7	4.4	6.6#
51	25.0	22.3	33.5
120	22.3	16.9	25.3





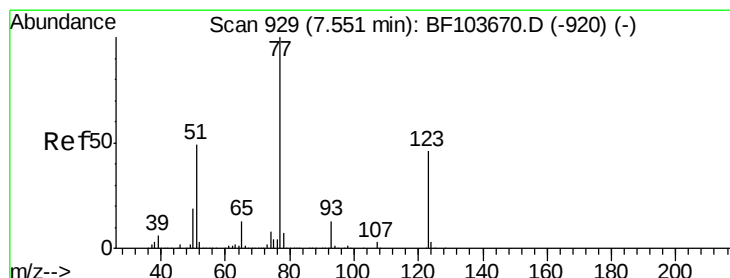
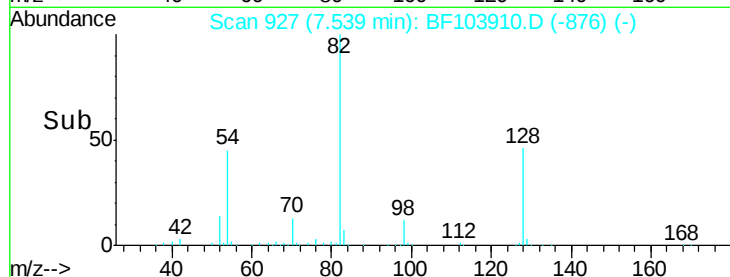
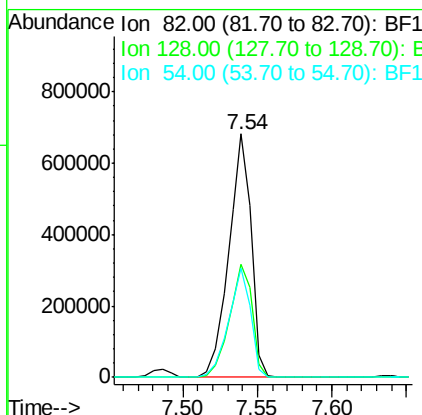
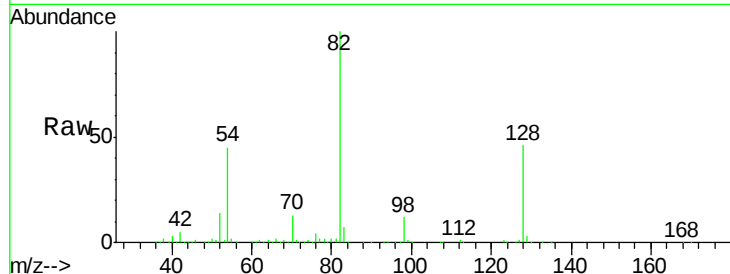
#23
 Nitrobenzene-d5
 Concen: 99.581 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion	82	Resp	718358
Ion Ratio	100	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	44.7	41.4	62.2

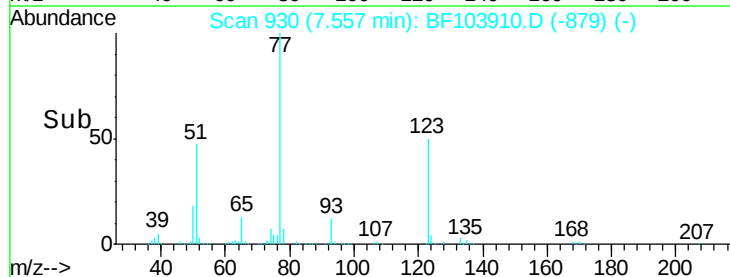
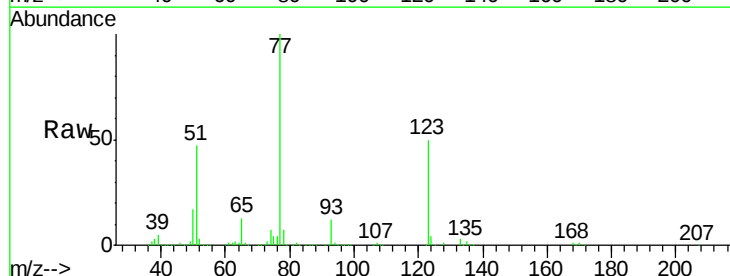
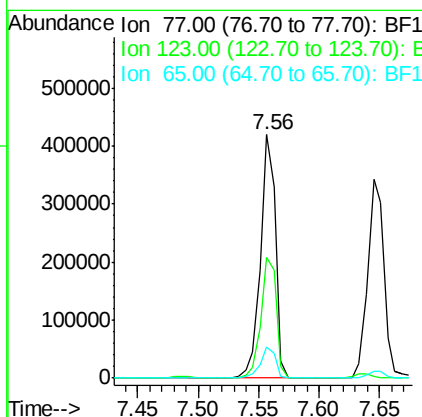
Manual Integrations
 APPROVED

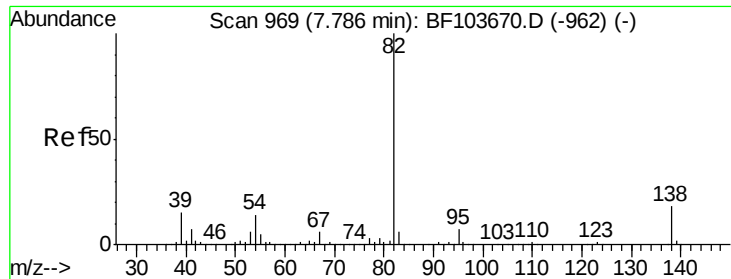
Sohil
 3/26/2018 4:33:46 PM



#24
 Nitrobenzene
 Concen: 43.152 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Tgt Ion	77	Resp	365460
Ion Ratio	100	Lower	Upper
77	100		
123	49.7	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 40.749 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

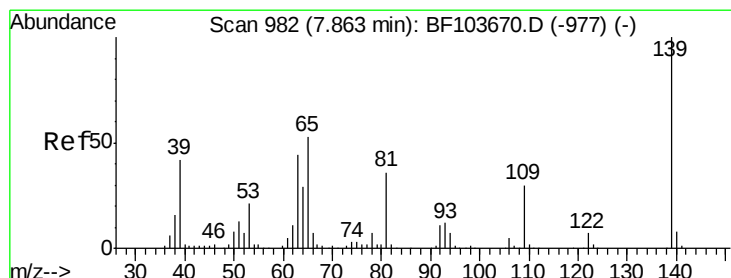
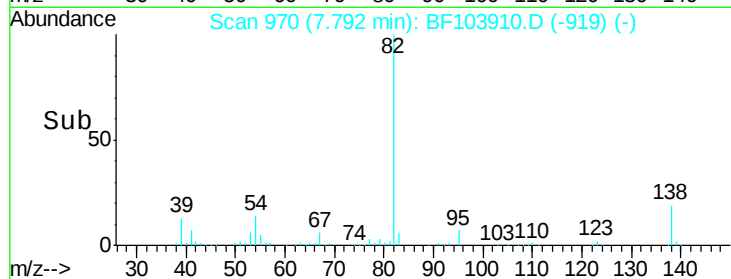
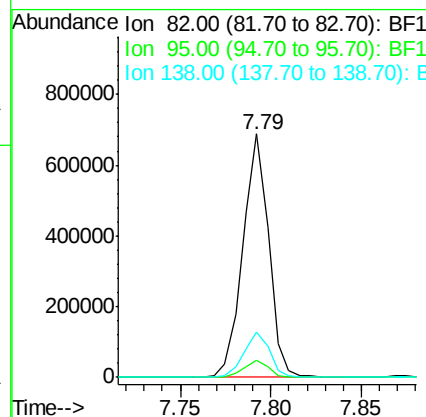
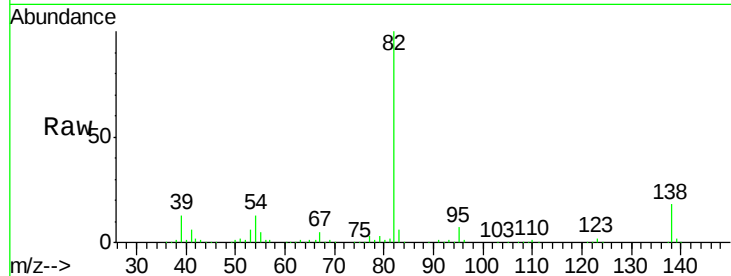
ClientSampleId :

PB107612BSD

Tot Ion:	82	Resp:	680494
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#26

2-Nitrophenol

Concen: 46.764 ng

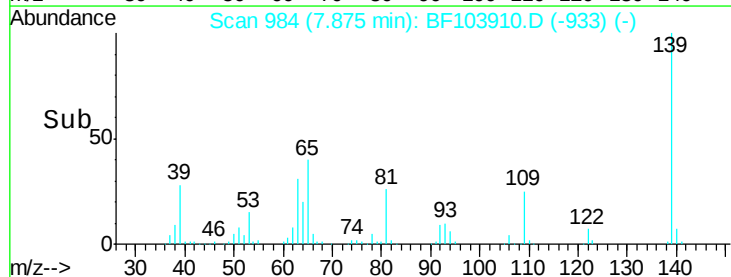
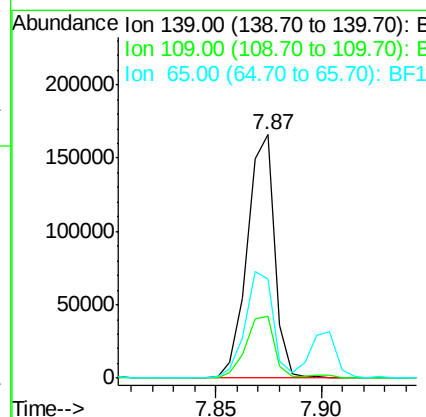
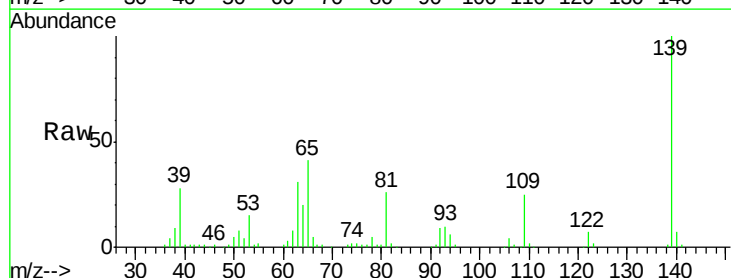
RT: 7.87 min Scan# 984

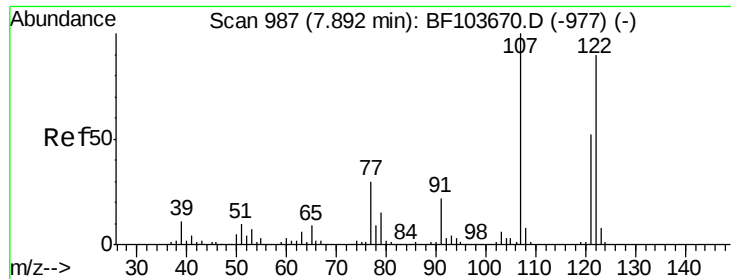
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	139	Resp:	149708
Ion Ratio	Lower	Upper	
139	100		
109	25.4	22.7	34.1
65	40.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 47.278 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

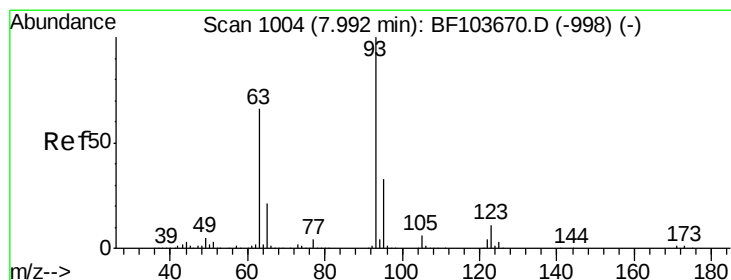
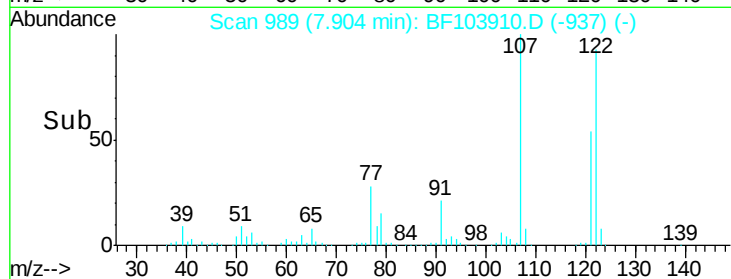
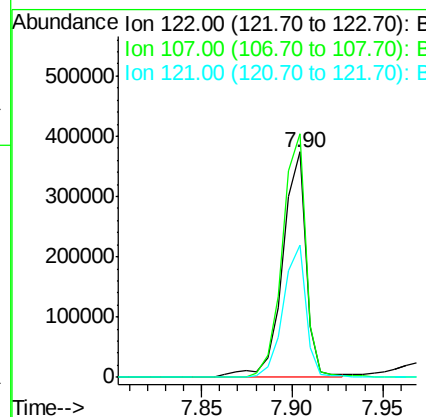
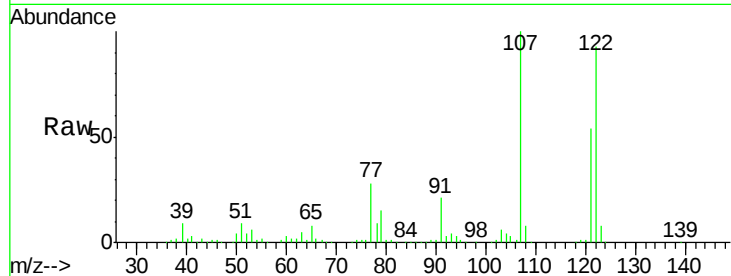
ClientSampleId :

PB107612BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.0	91.2	136.8
121	58.4	47.2	70.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.991 ng

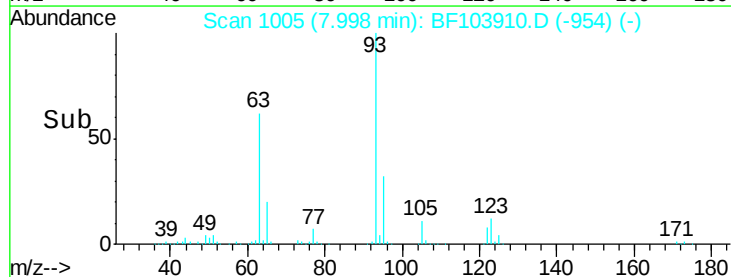
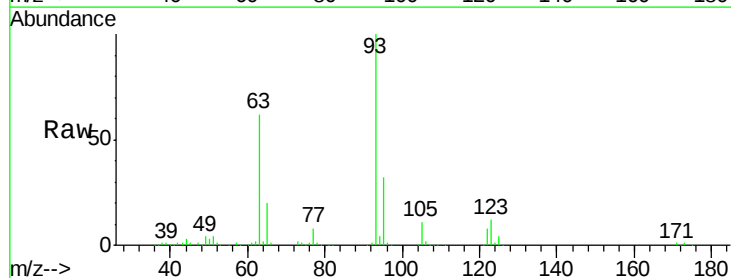
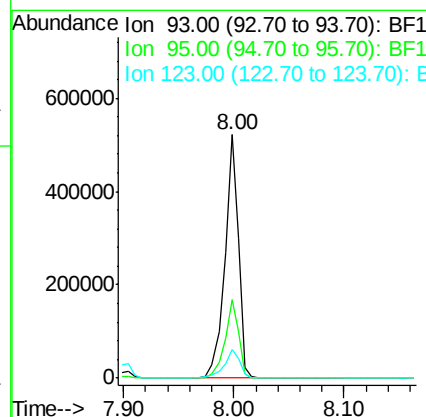
RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.7	9.8	14.6





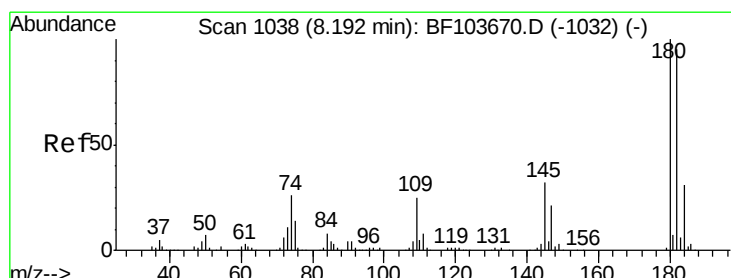
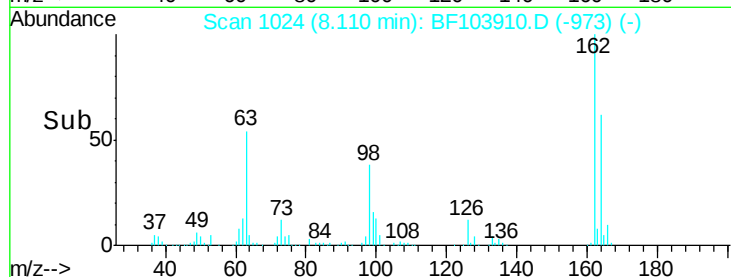
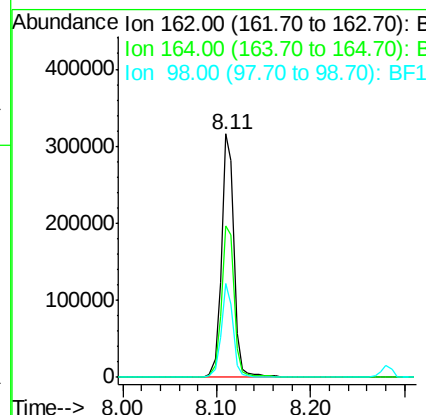
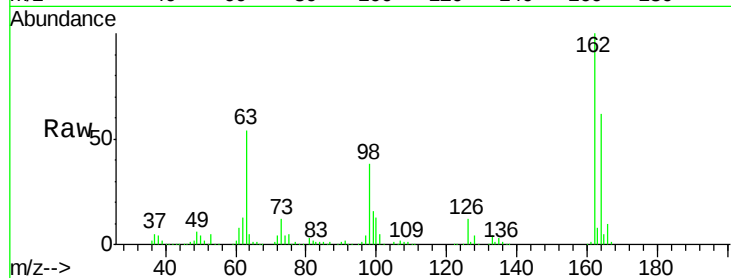
#29
 2,4-Dichlorophenol
 Concen: 45.656 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion:	162	Resp:	297162
Ion Ratio	Lower	Upper	
162	100		
164	62.4	42.7	82.7
98	38.4	18.1	58.1

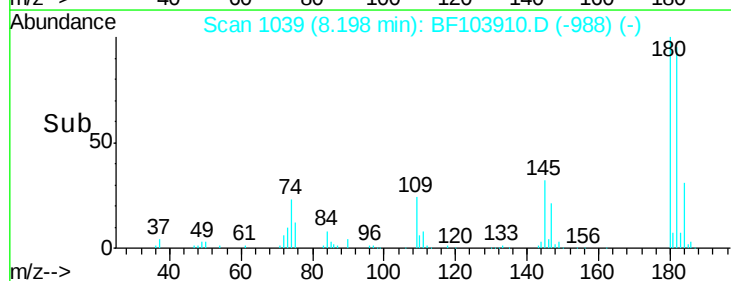
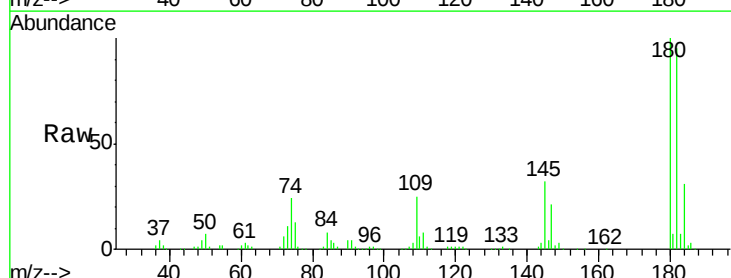
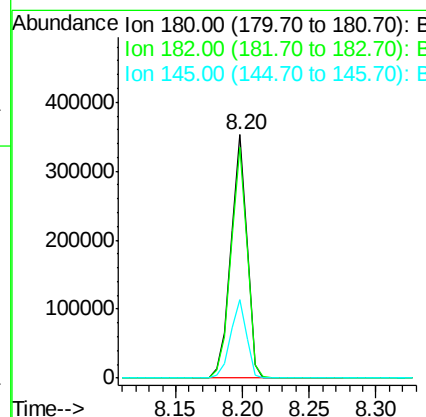
Manual Integrations
 APPROVED

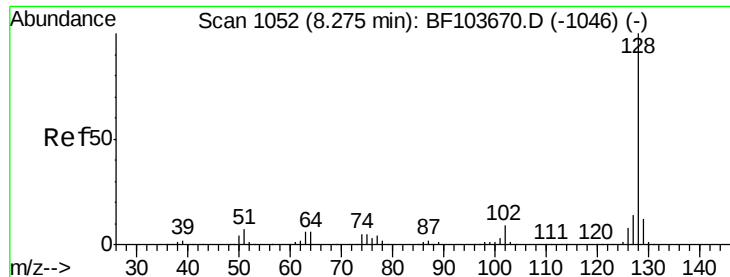
Sohil
 3/26/2018 4:33:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.211 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Tgt Ion:	180	Resp:	303553
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 39.855 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

ClientSampleId :

PB107612BSD

Tot Ion:128 Resp: 1012806

Ion Ratio Lower Upper

128 100

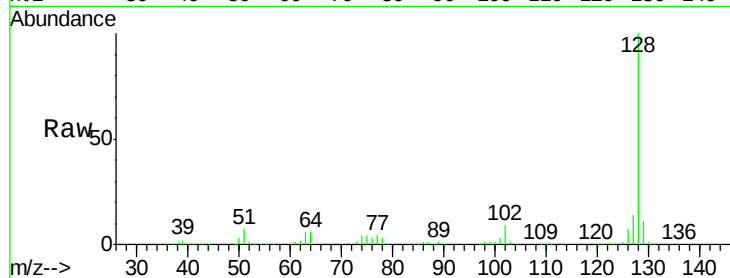
129 11.4 8.8 13.2

127 13.6 10.9 16.3

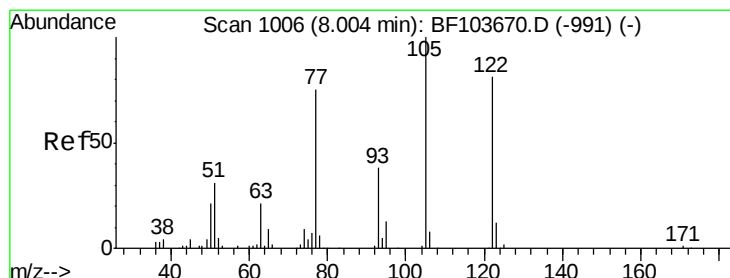
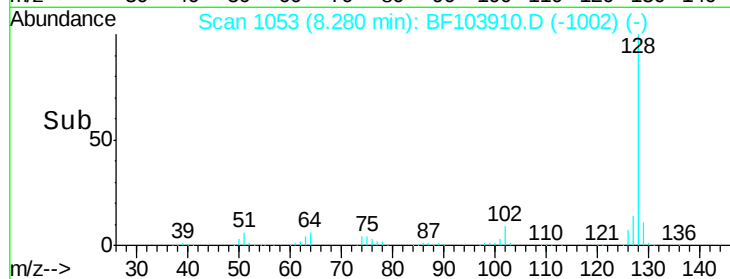
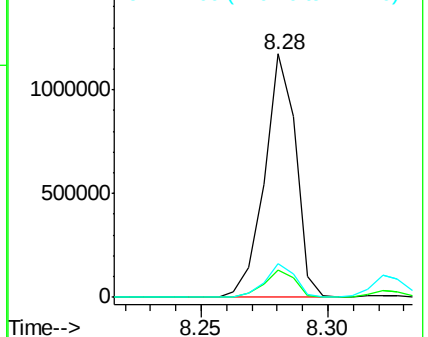
Manual Integrations
APPROVED

Sohil

3/26/2018 4:33:46 PM



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



#32

Benzoic acid

Concen: 37.505 ng m

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

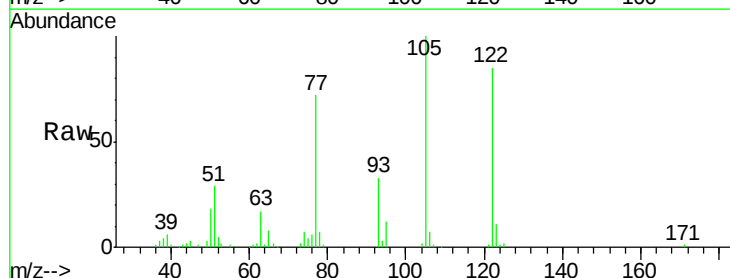
Tgt Ion:122 Resp: 175544

Ion Ratio Lower Upper

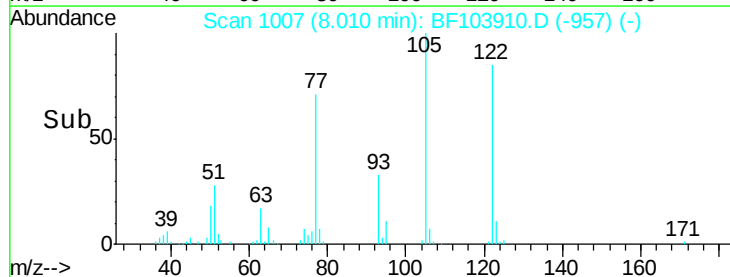
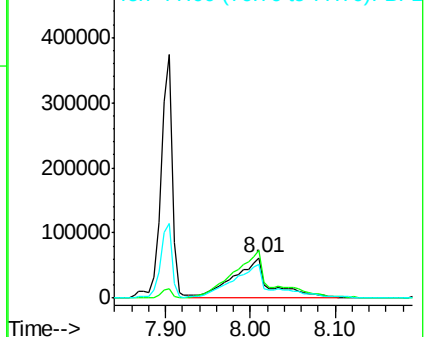
122 100

105 118.3 101.1 141.1

77 85.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





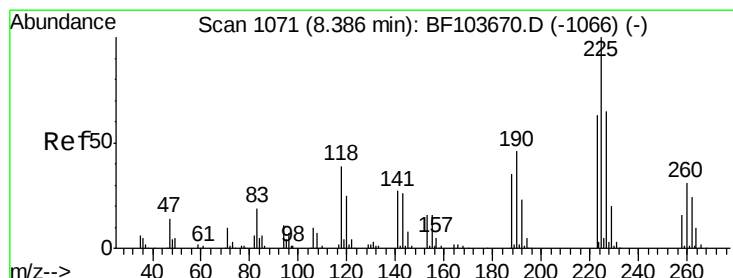
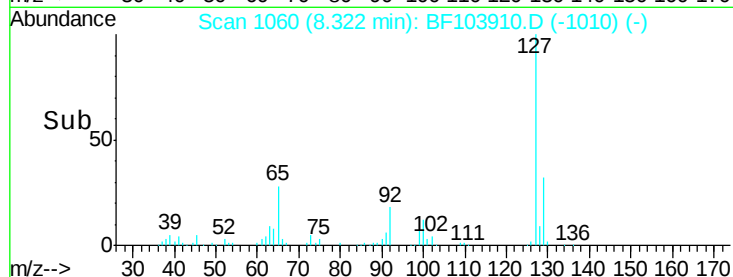
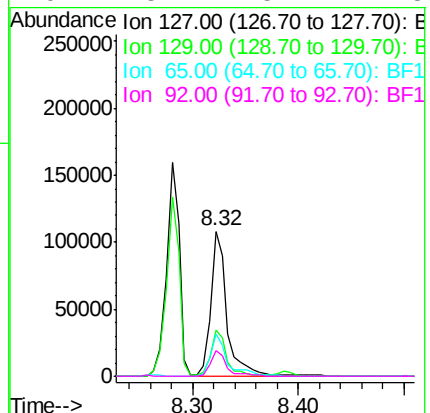
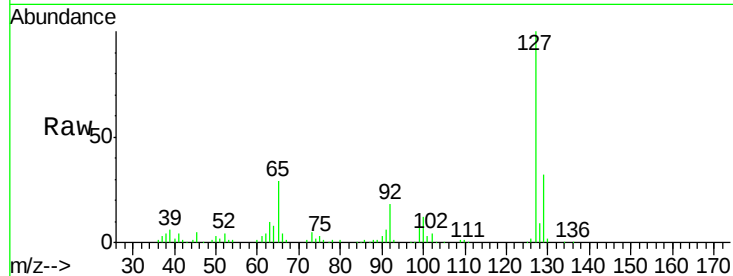
#33
4-Chloroaniline
Concen: 10.918 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	28.9	25.0	37.4
92	18.1	15.2	22.8

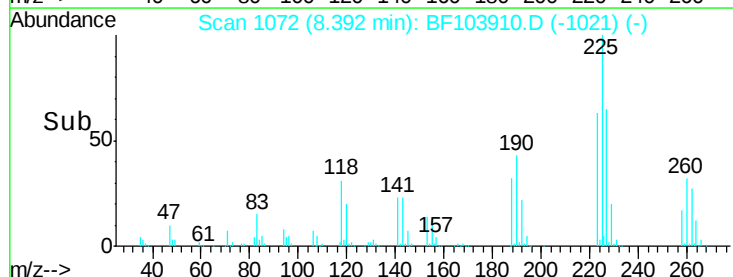
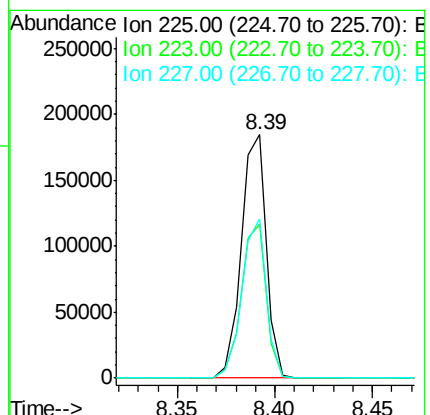
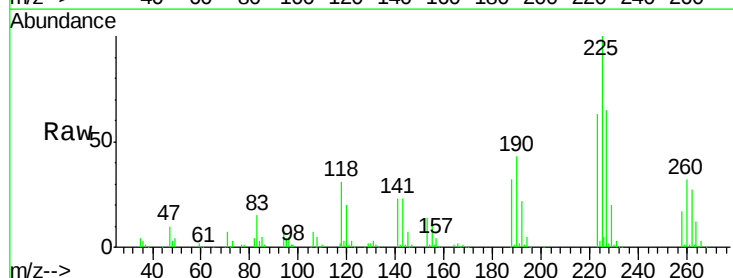
Manual Integrations
APPROVED

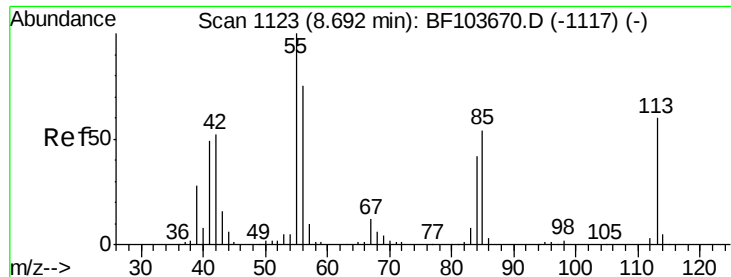
Sohil
3/26/2018 4:33:46 PM



#34
Hexachlorobutadiene
Concen: 39.625 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	65.2	51.9	77.9





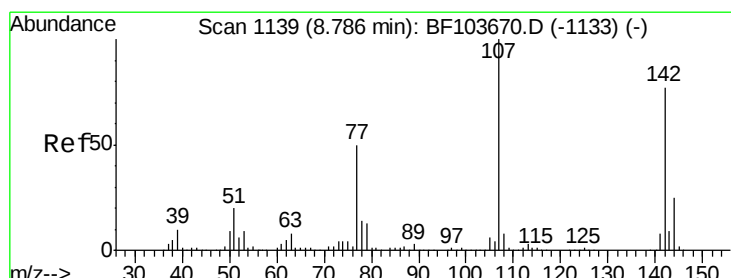
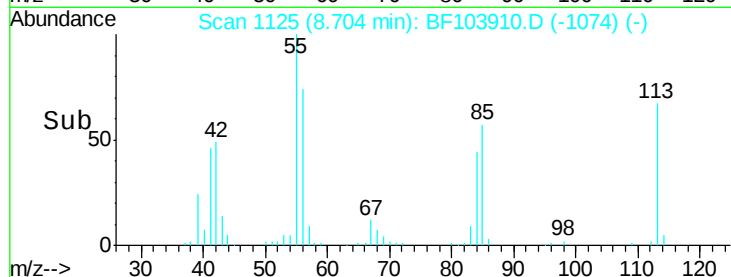
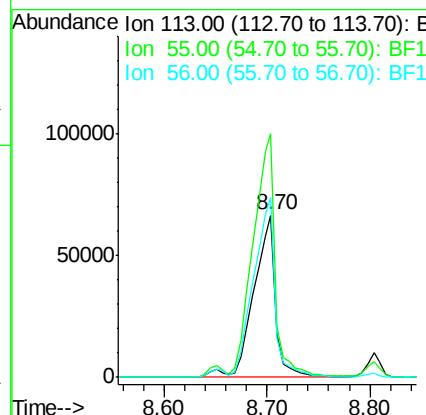
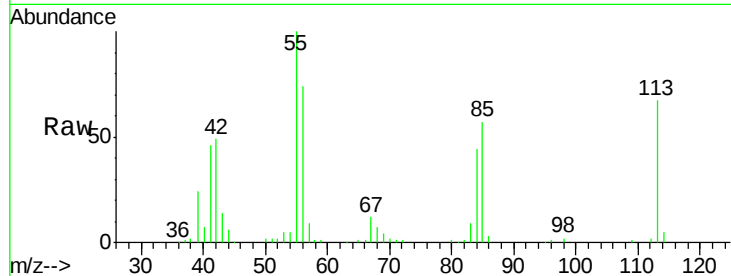
#35
Caprolactam
Concen: 43.976 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleID :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.2	163.3	203.3#
56	110.6	115.7	155.7#

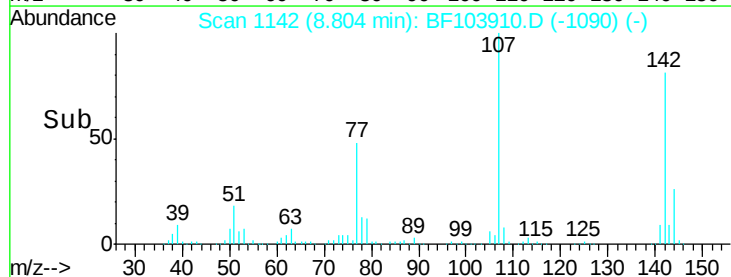
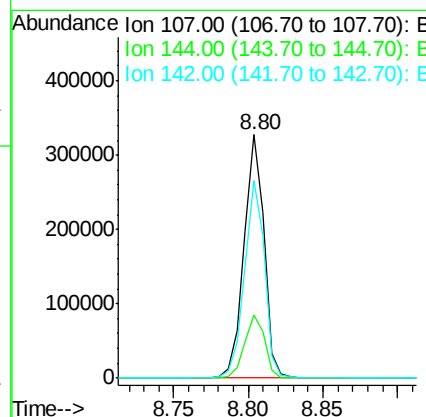
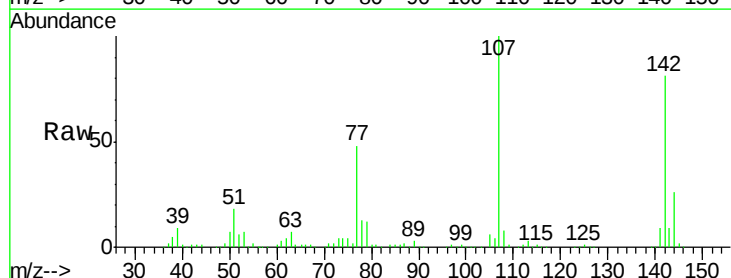
Manual Integrations
APPROVED

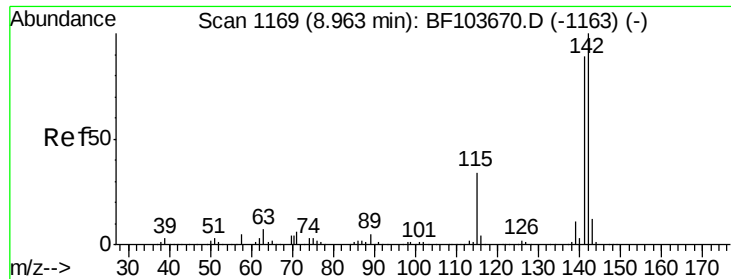
Sohil
3/26/2018 4:33:46 PM



#36
4-Chloro-3-methylphenol
Concen: 42.900 ng/ml
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	81.1	62.0	93.0





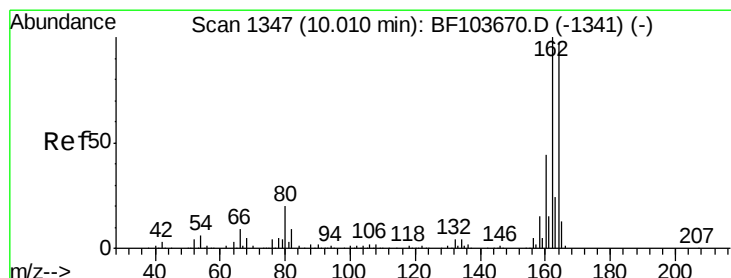
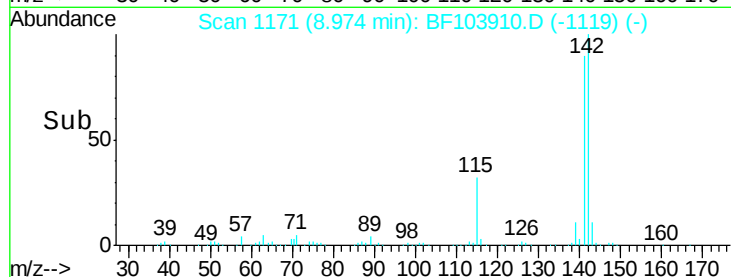
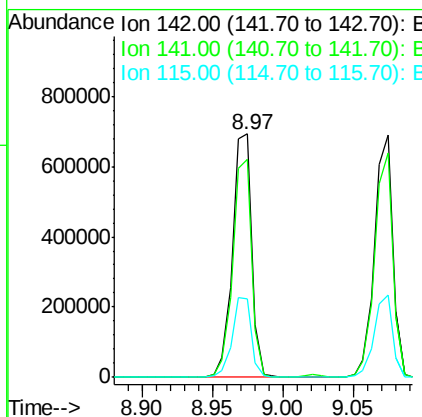
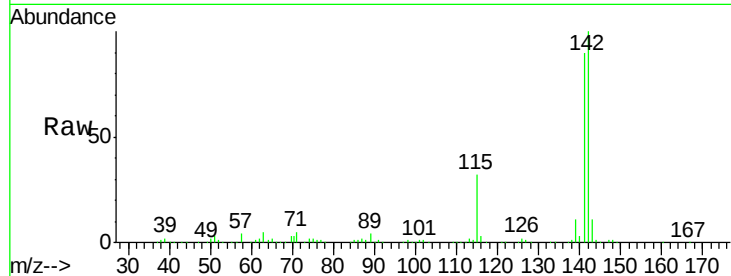
#37
2-Methylnaphthalene
Concen: 40.820 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.1	26.1	39.1

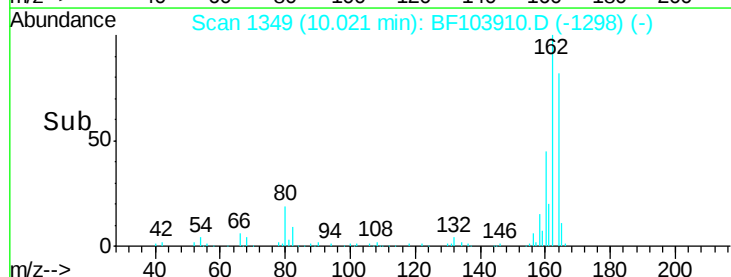
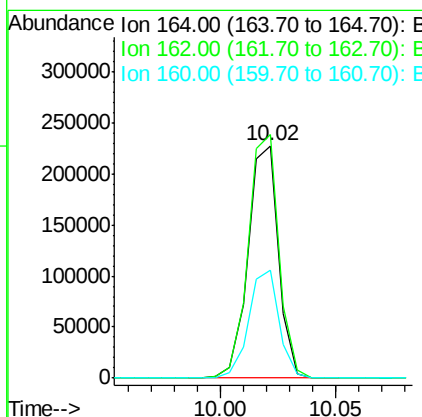
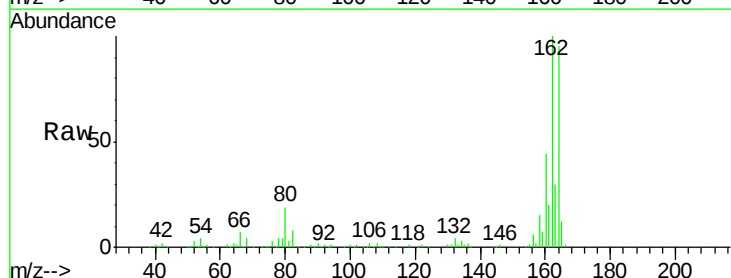
Manual Integrations
APPROVED

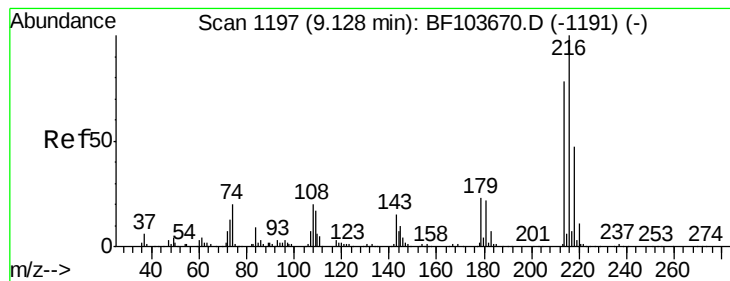
Sohil
3/26/2018 4:33:46 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.211 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

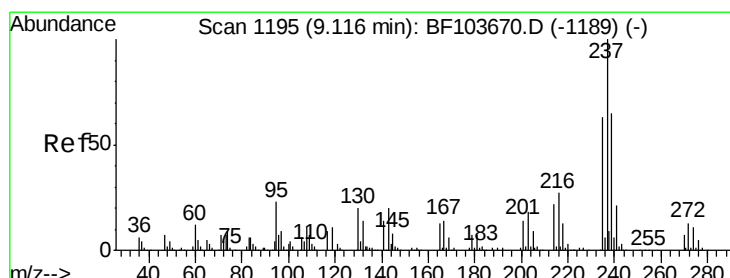
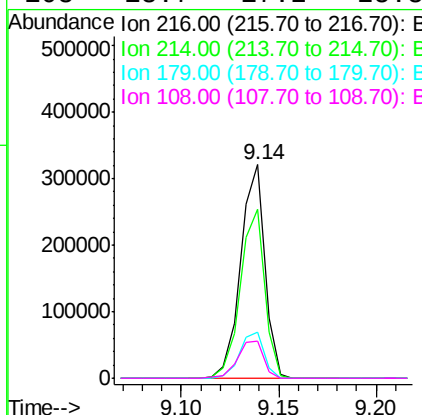
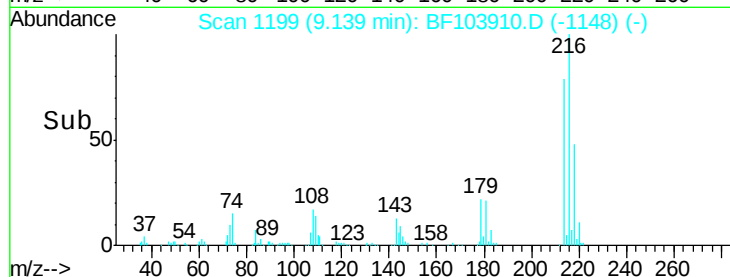
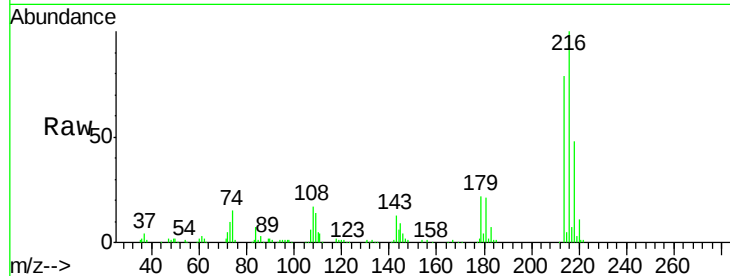
ClientSampleId :

PB107612BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		276411		
214	79.7		63.0	94.4	
179	22.0		18.1	27.1	
108	18.7		17.2	25.8	

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#40

Hexachlorocyclopentadiene

Concen: 7.239 ng

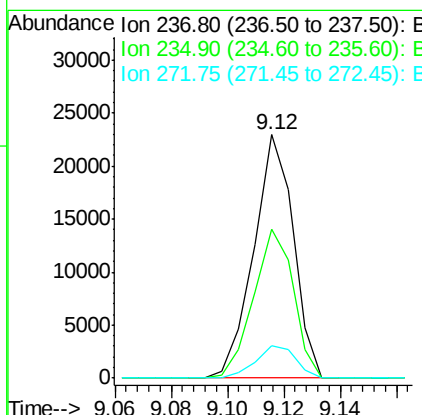
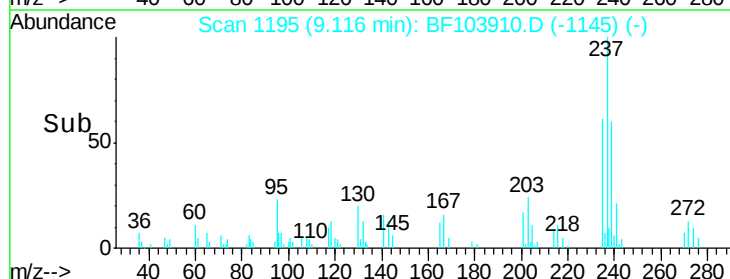
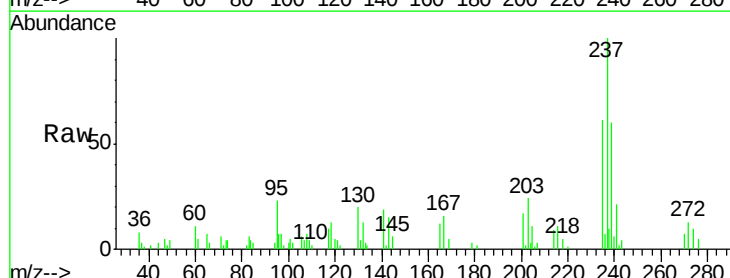
RT: 9.12 min Scan# 1195

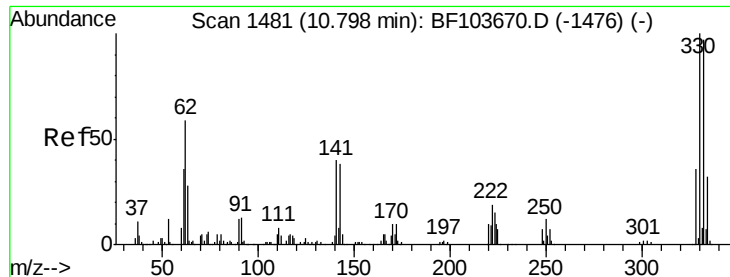
Delta R.T. -0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		22344		
235	61.0		44.8	84.8	
272	13.1		0.0	33.3	





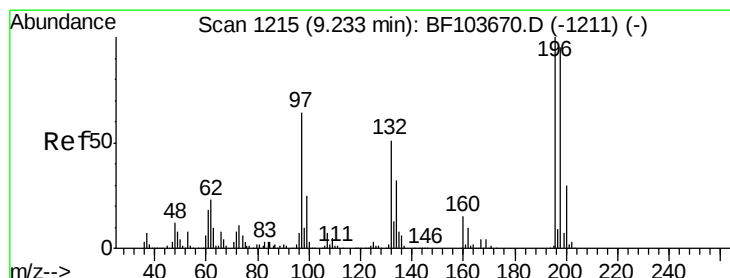
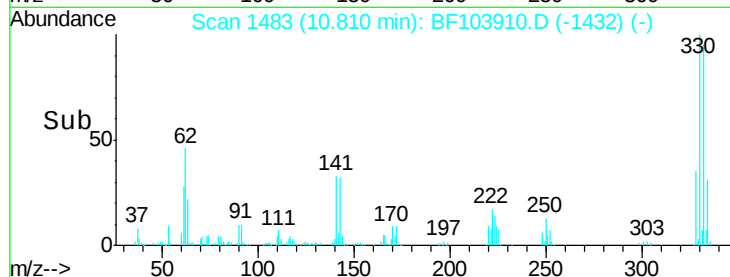
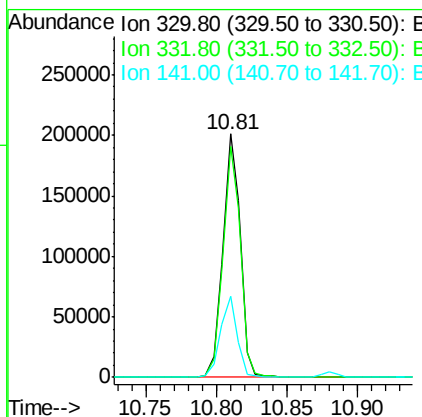
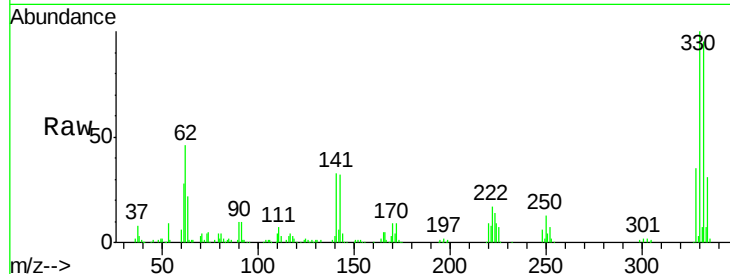
#41
 2,4,6-Tribromophenol
 Concen: 95.488 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleID :
 PB107612BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	31.9	29.9	44.9

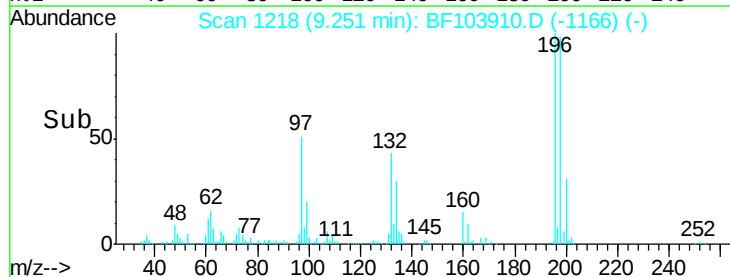
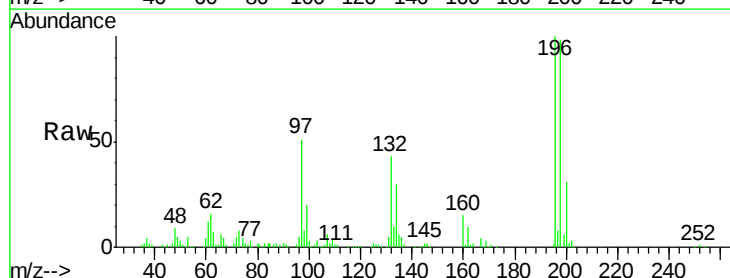
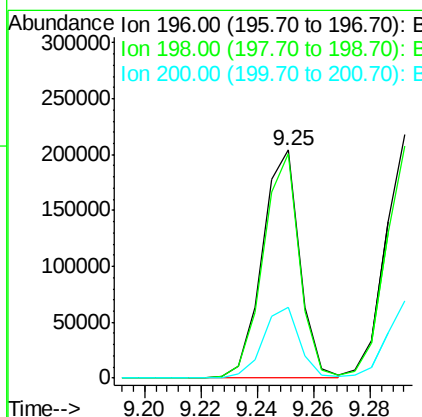
Manual Integrations
 APPROVED

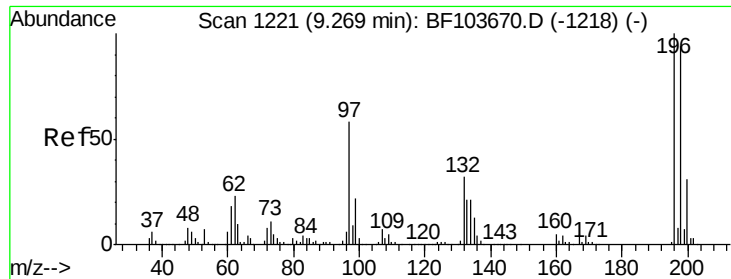
Sohil
 3/26/2018 4:33:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.114 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.7	113.5
200	31.1	24.5	36.7





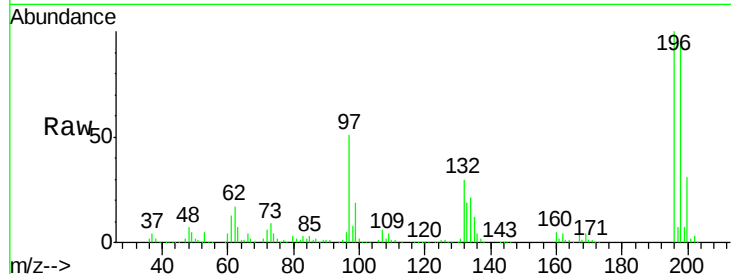
#43
 2,4,5-Trichlorophenol
 Concen: 44.554 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192397		
198	95.4	74.6	112.0	
97	50.7	42.9	64.3	
132	29.9	26.3	39.5	

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM



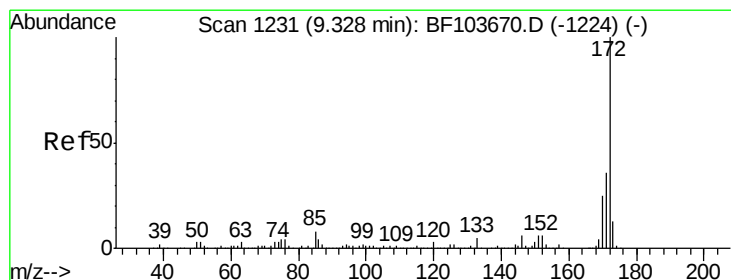
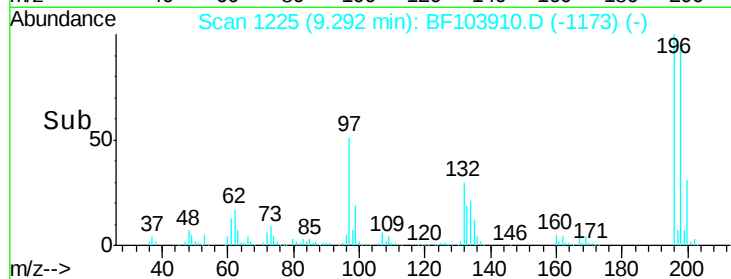
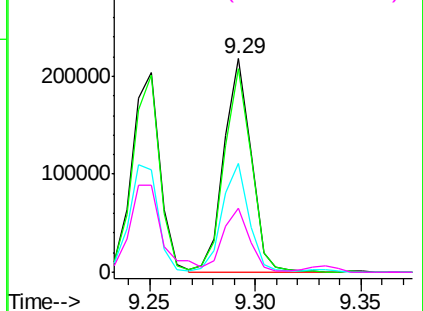
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.827 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

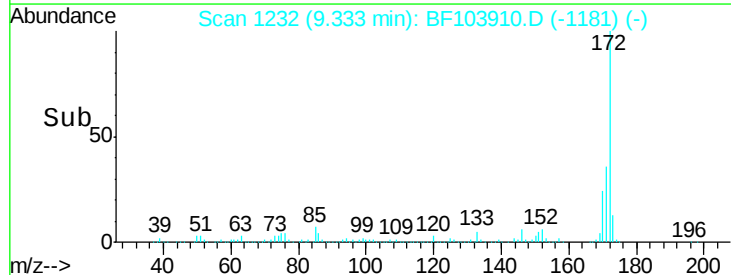
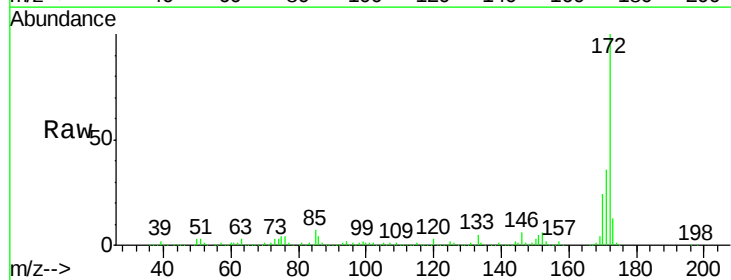
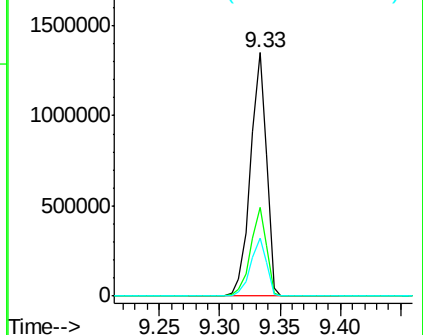
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1259547		
171	36.4	29.7	44.5	
170	23.8	19.6	29.4	

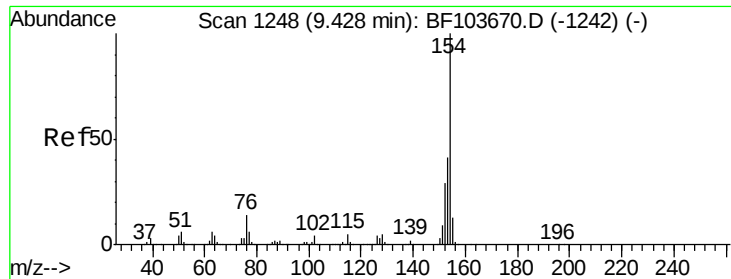
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.500 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

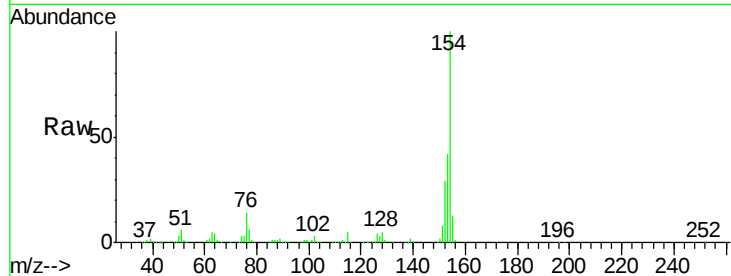
ClientSampled :

PB107612BSD

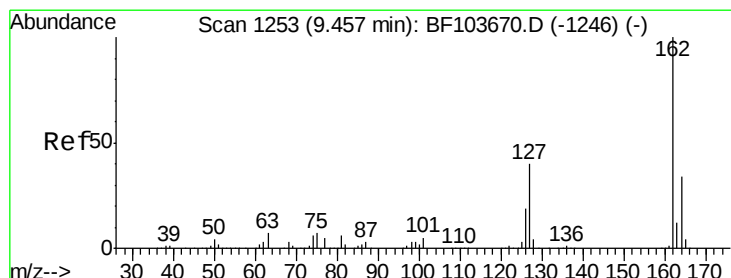
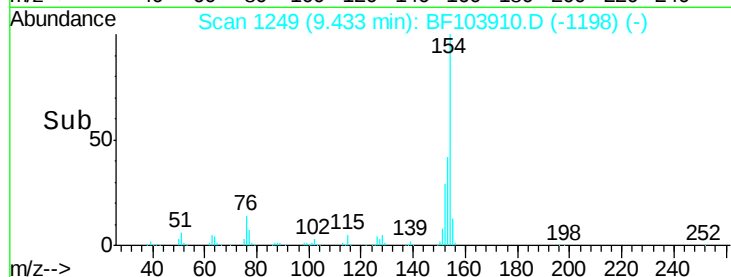
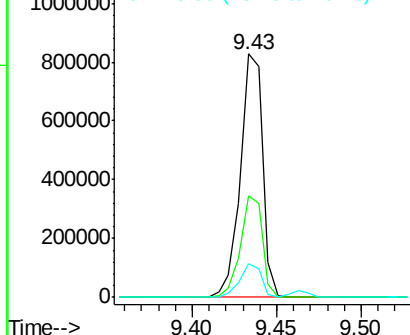
Tot Ion:	154	Resp:	760505
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	14.1	0.0	34.0

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 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: 42.500 ng

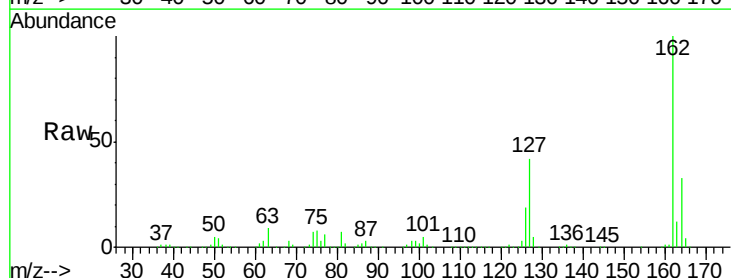
RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

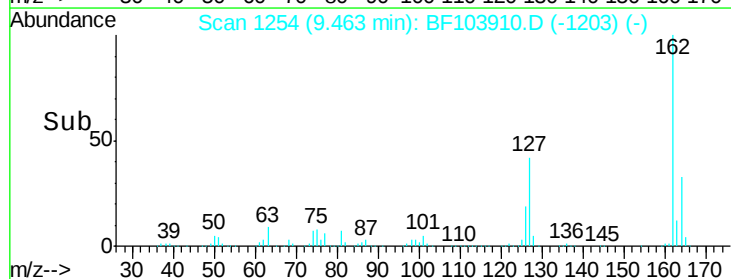
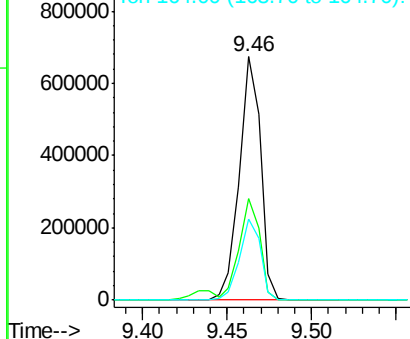
Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	162	Resp:	590161
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	33.2	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





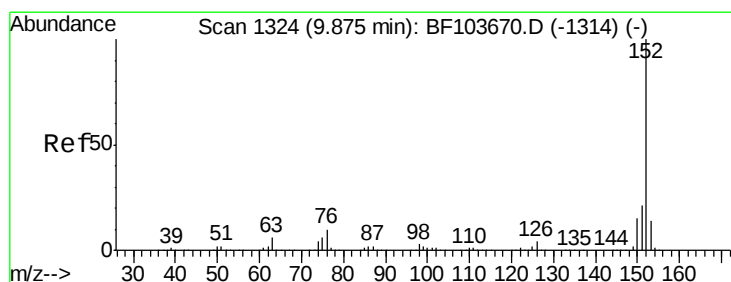
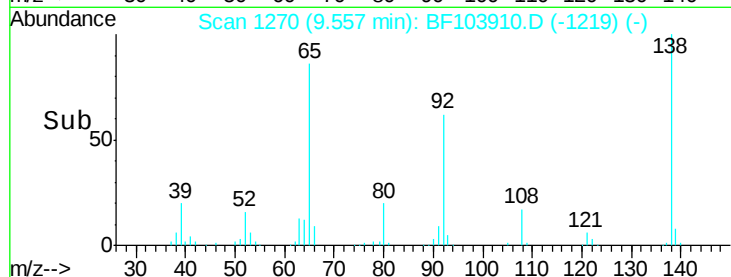
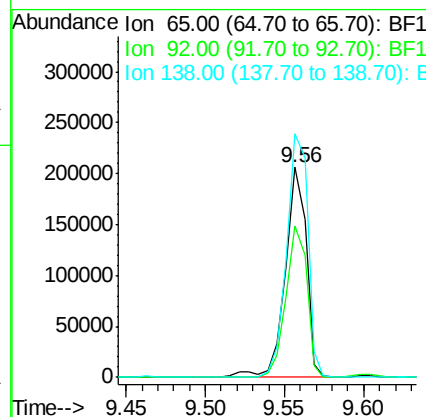
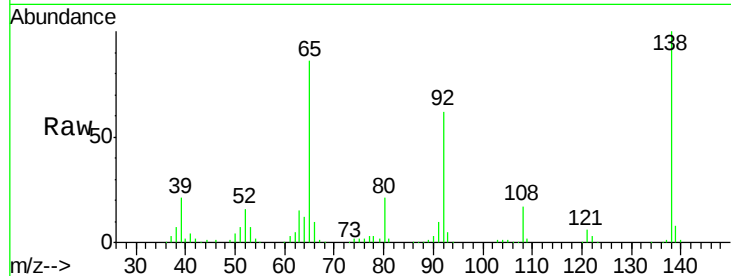
#47
2-Nitroaniline
Concen: 51.819 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	55.8	83.6
138	116.1	91.2	136.8

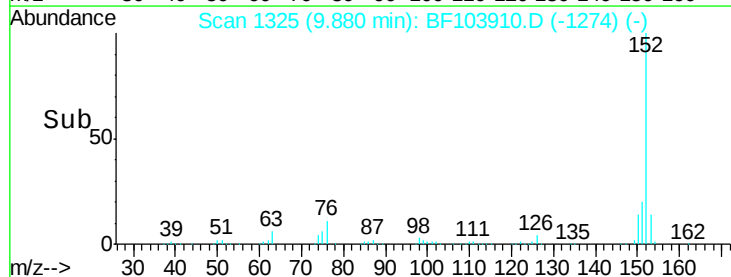
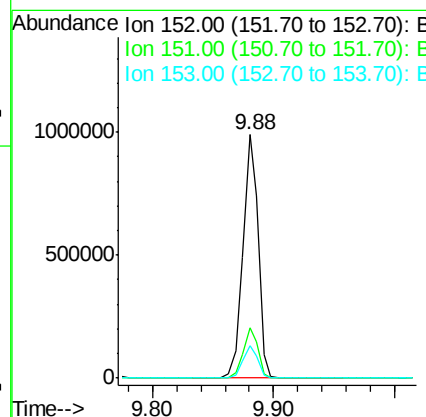
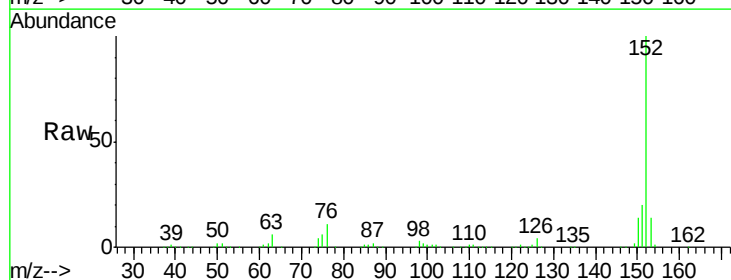
Manual Integrations
APPROVED

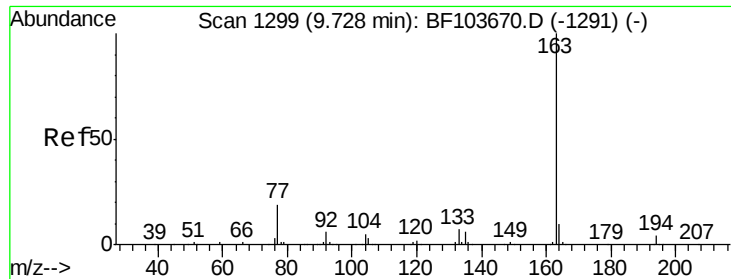
Sohil
3/26/2018 4:33:46 PM



#48
Acenaphthylene
Concen: 40.343 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.7	16.1





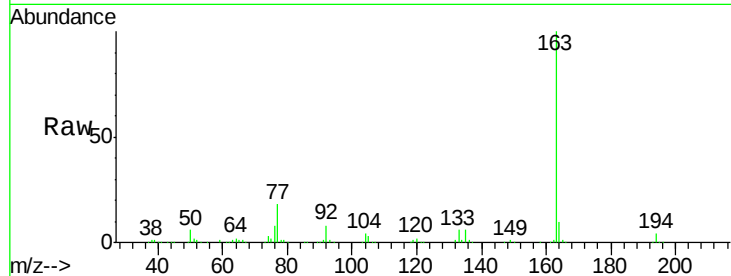
#49
Dimethylphthalate
Concen: 45.041 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleID :
PB107612BSD

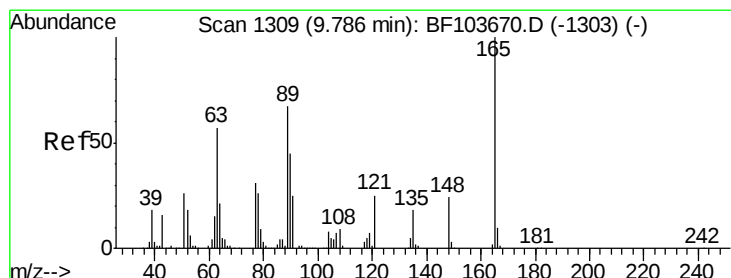
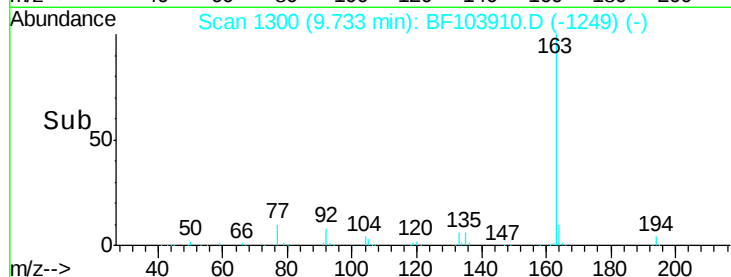
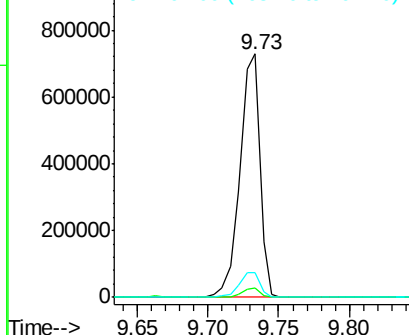
Tot Ion	Ratio	Resp	Lower	Upper
163	100	720490		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



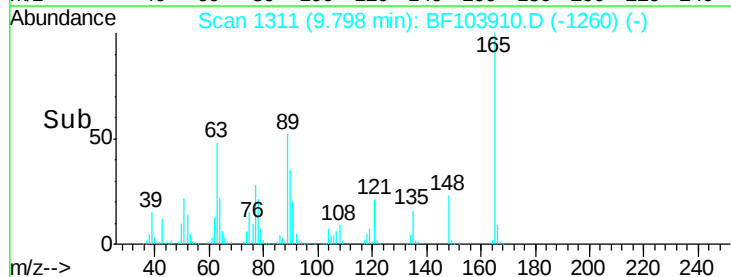
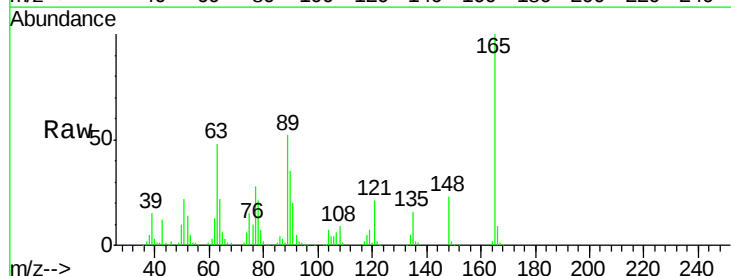
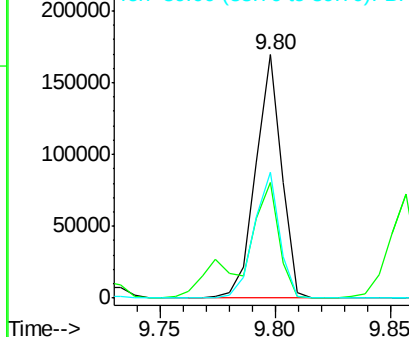
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.281 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132609		
63	47.6		44.7	67.1
89	51.9		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: 40.306 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

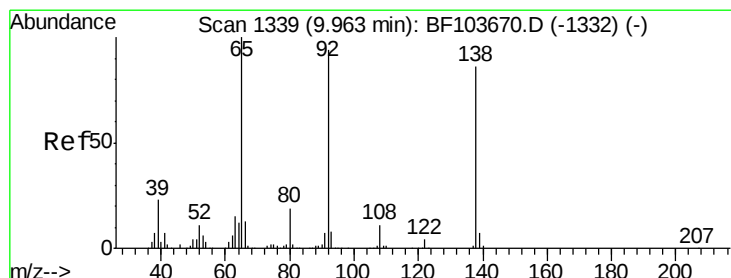
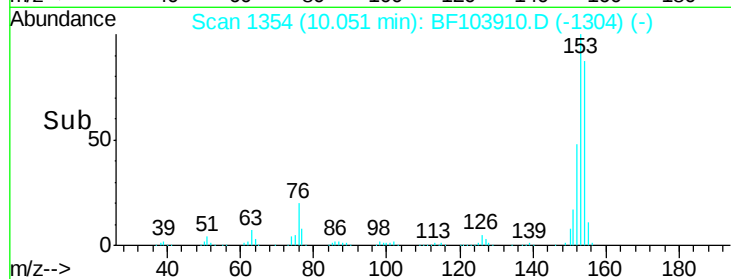
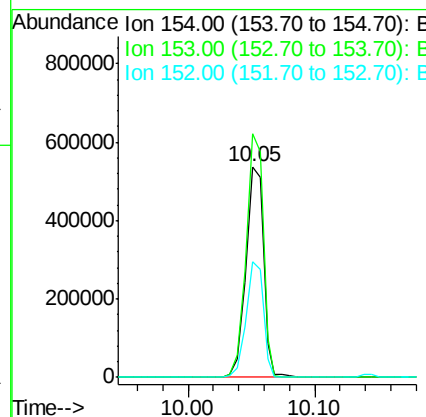
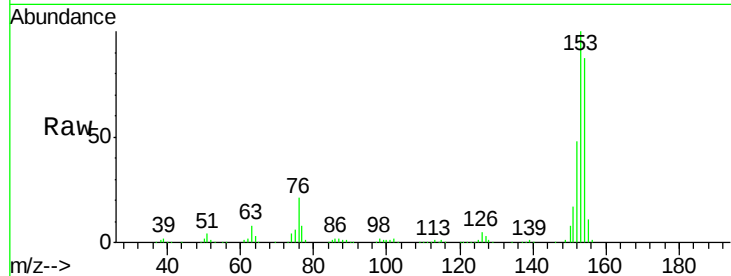
ClientSampleId :

PB107612BSD

Tot Ion:	154	Resp:	515336
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.2	136.8
152	55.0	43.8	65.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#52

3-Nitroaniline

Concen: 43.567 ng

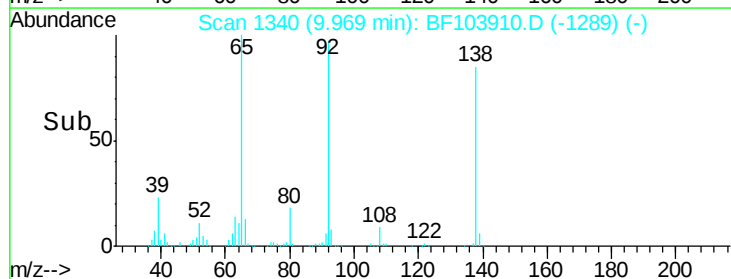
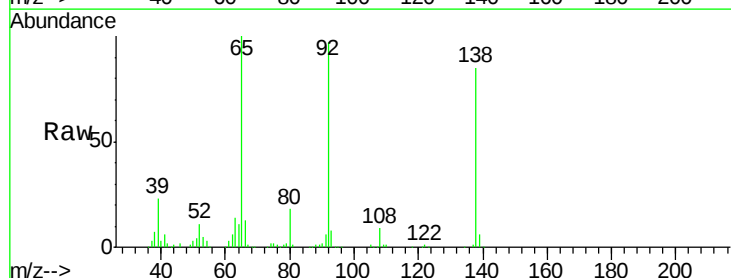
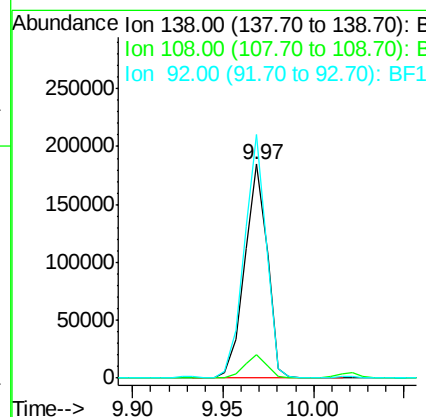
RT: 9.97 min Scan# 1340

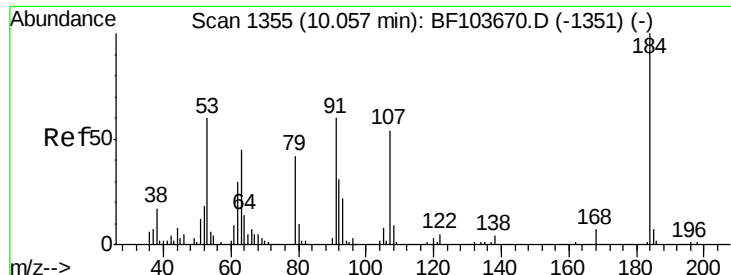
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	138	Resp:	160156
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	113.8	89.4	134.2





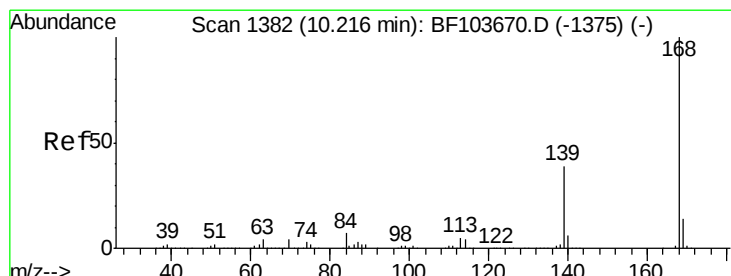
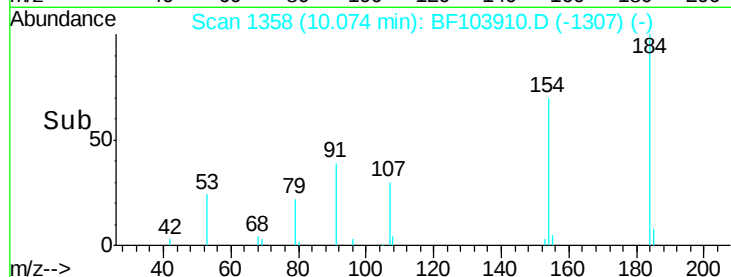
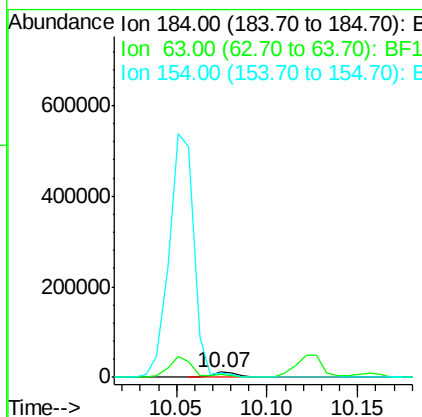
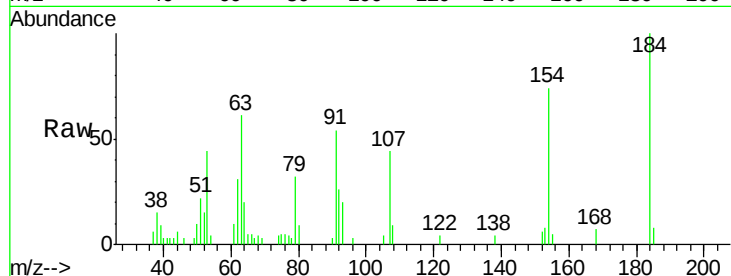
#53
2,4-Dinitrophenol
Concen: 26.019 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.9	54.2	81.2
154	73.5	184.0	276.0#

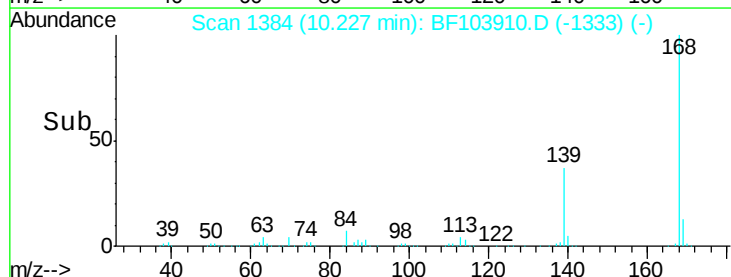
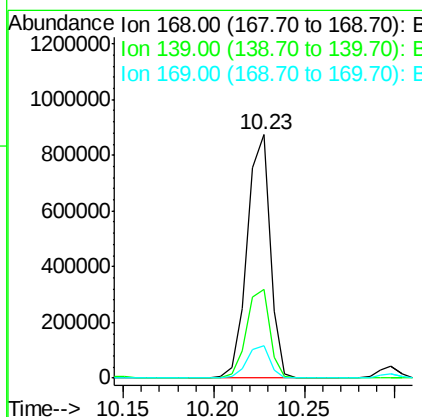
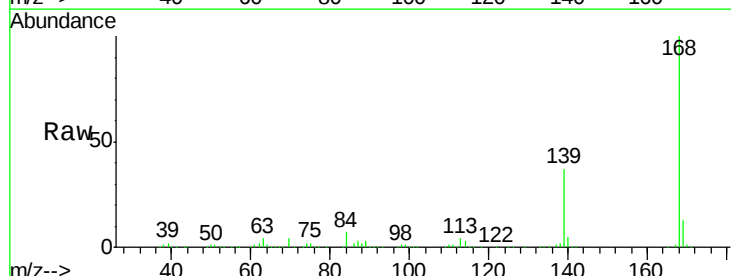
Manual Integrations
APPROVED

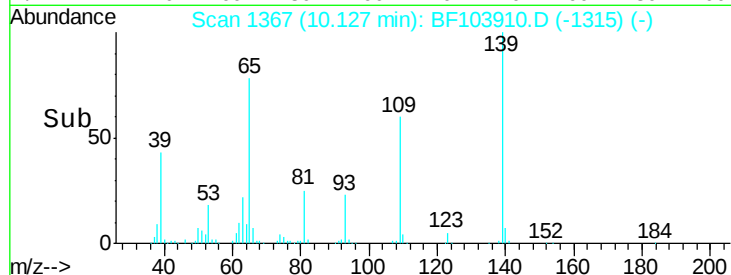
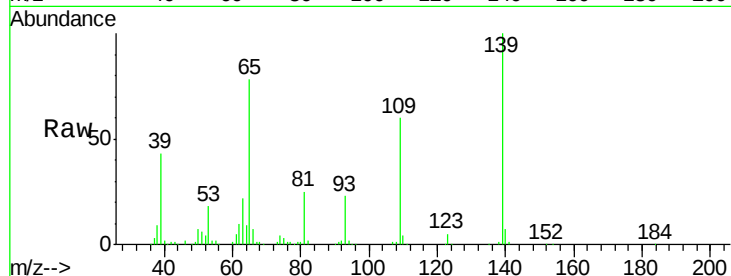
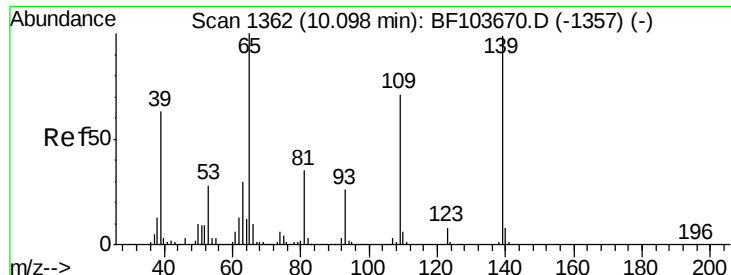
Sohil
3/26/2018 4:33:46 PM



#54
Dibenzofuran
Concen: 42.162 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.3	10.9	16.3





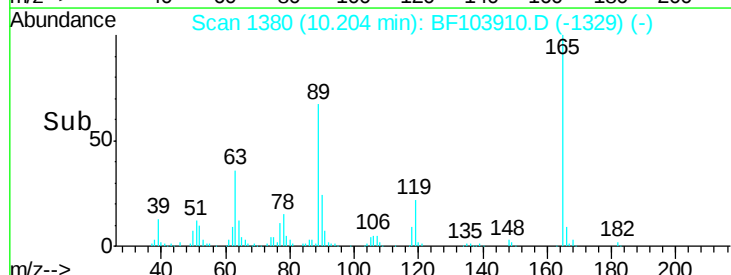
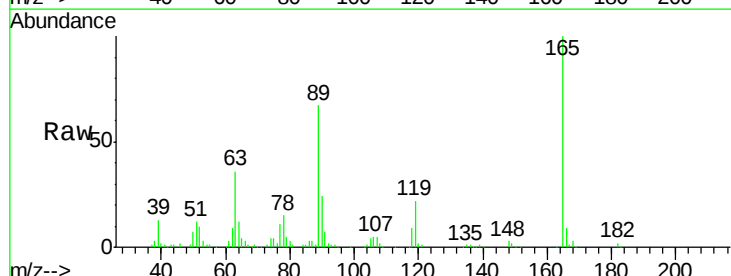
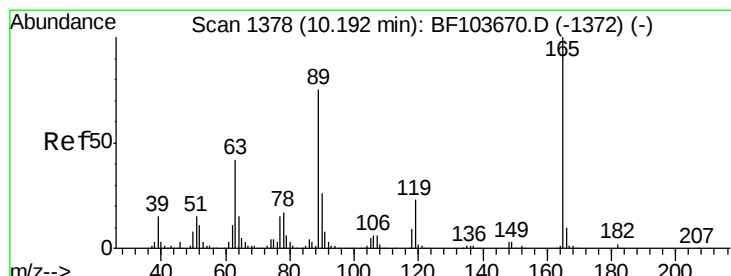
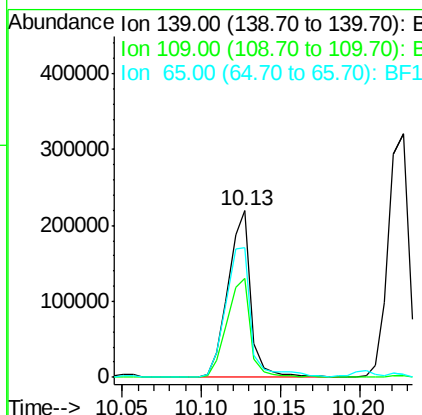
#55
4-Nitrophenol
Concen: 75.115 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	219038		
109	59.5	48.4	88.4	
65	78.1	72.6	112.6	

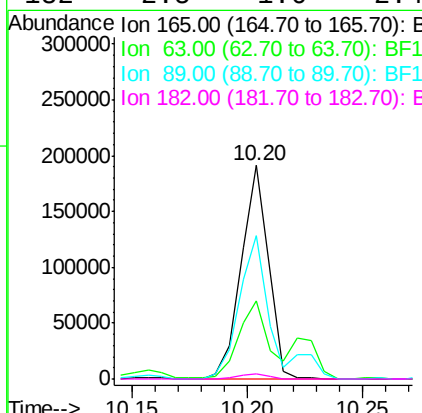
Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#56
2,4-Dinitrotoluene
Concen: 41.373 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158330		
63	36.4	36.4	54.6	
89	66.9	57.8	86.6	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 40.300 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

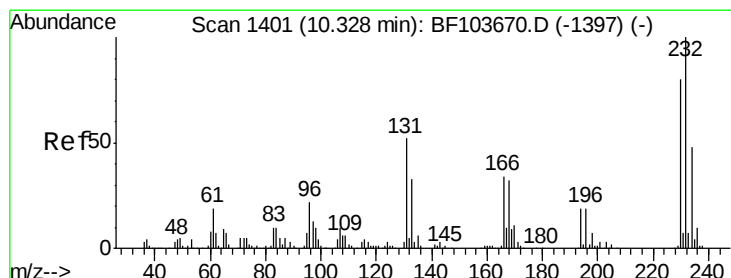
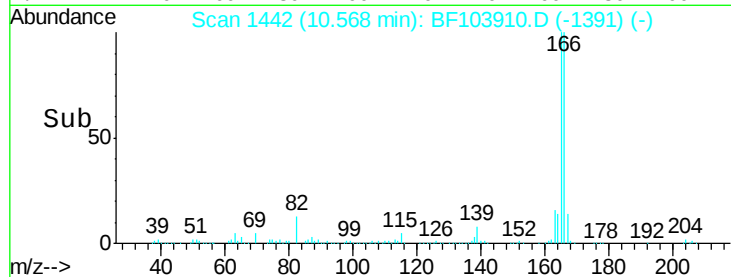
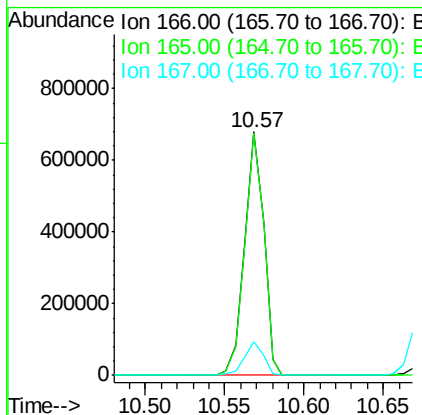
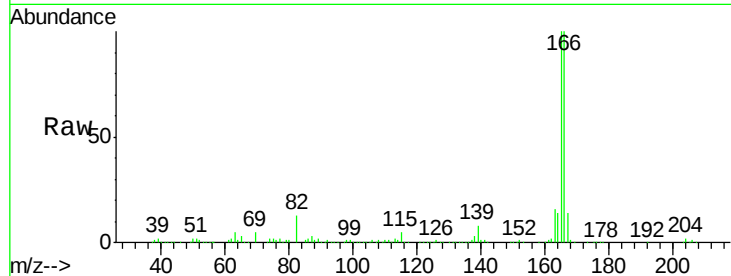
ClientSampleId :

PB107612BSD

Tot Ion:	166	Resp:	571036
Ion Ratio		Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.971 ng

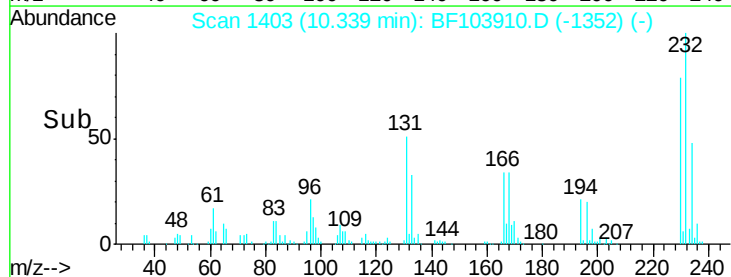
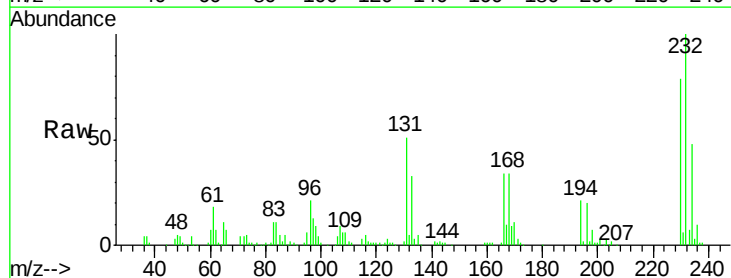
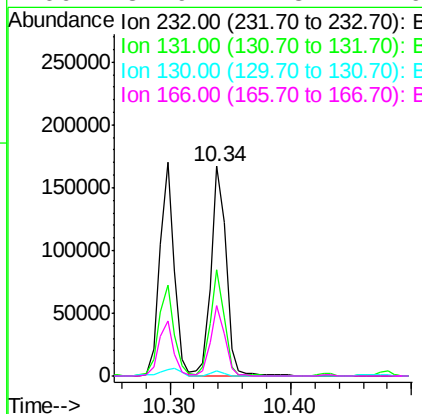
RT: 10.34 min Scan# 1403

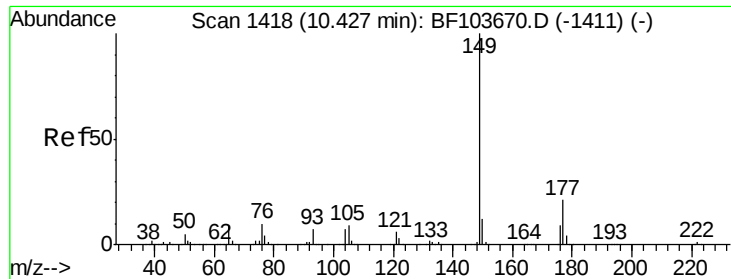
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	232	Resp:	143724
Ion Ratio		Lower	Upper
232	100		
131	47.4	43.8	65.8
130	2.3	2.1	3.1
166	31.9	27.8	41.6





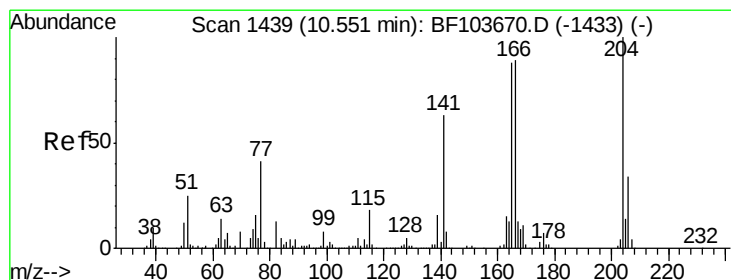
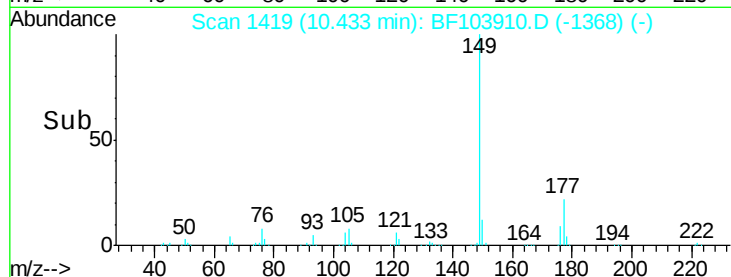
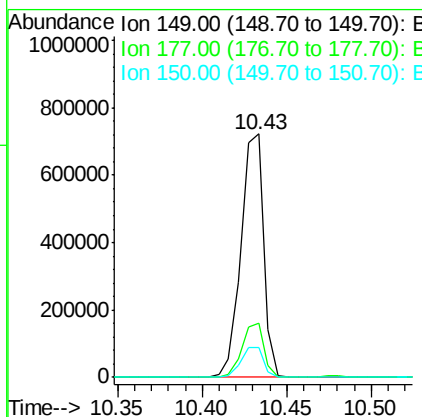
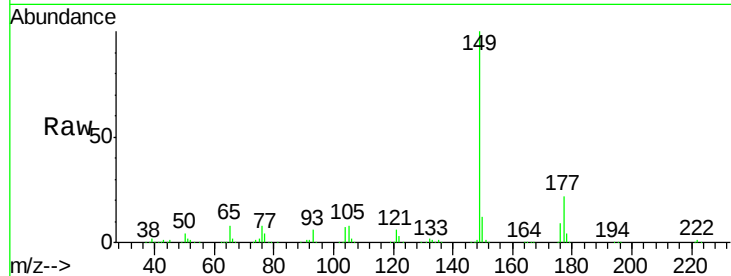
#59
Diethylphthalate
Concen: 42.623 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		676714		
177	22.2	16.1	24.1		
150	12.4	10.1	15.1		

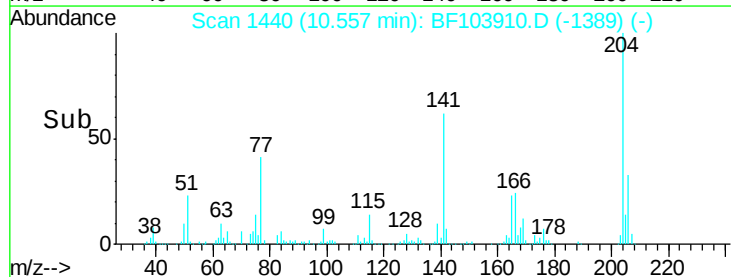
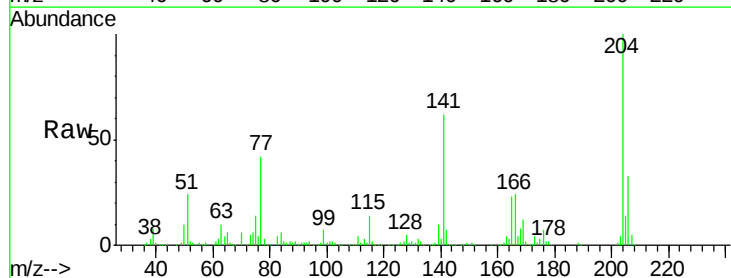
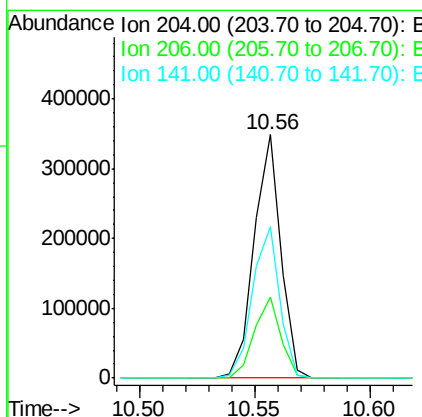
Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.497 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		281675		
206	33.1	26.5	39.7		
141	62.1	54.6	81.8		





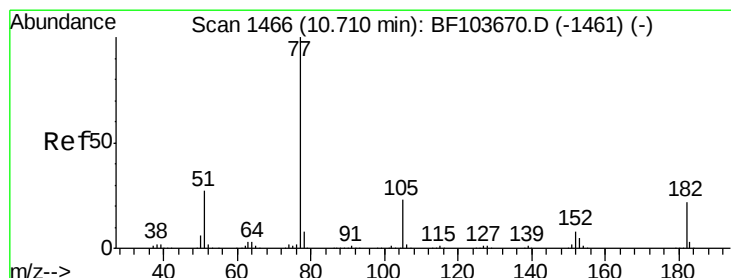
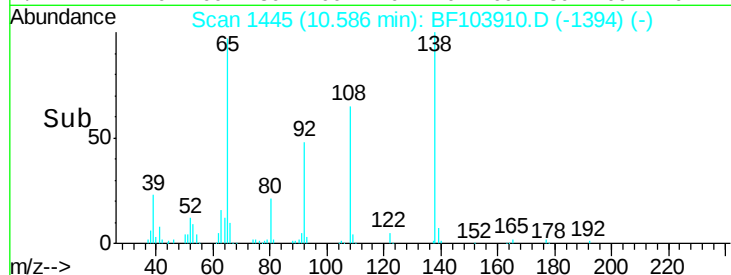
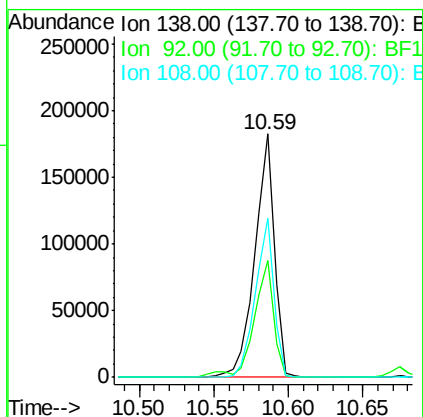
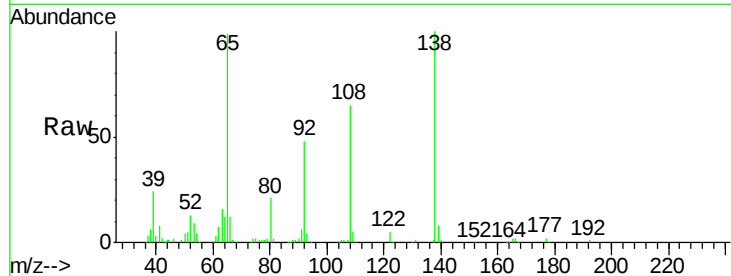
#61
4-Nitroaniline
Concen: 46.346 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.2	70.2
108	65.3	52.5	92.5

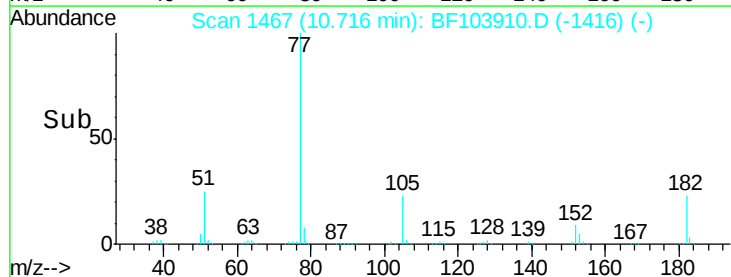
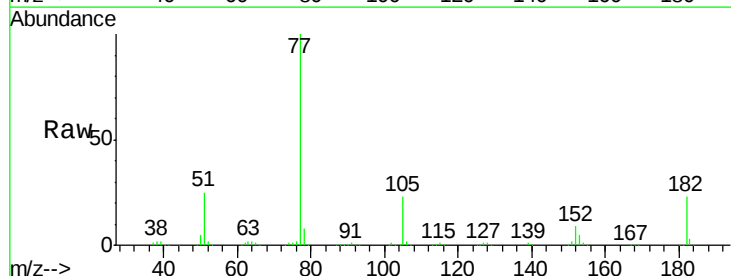
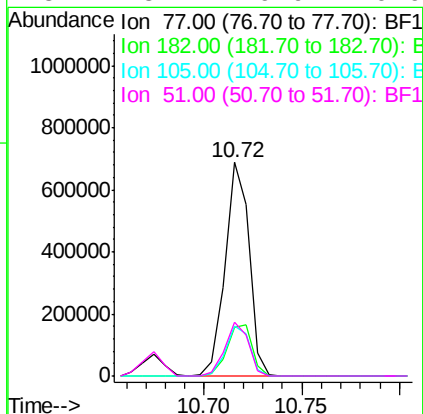
Manual Integrations
APPROVED

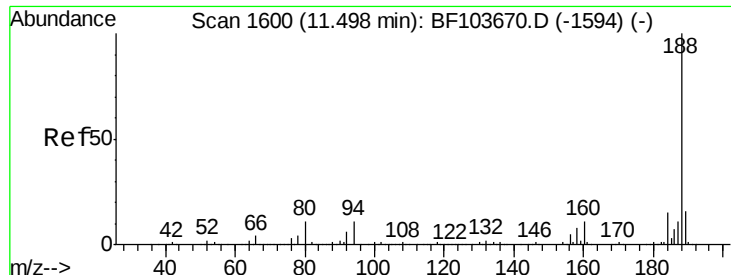
Sohil
3/26/2018 4:33:46 PM



#62
Azobenzene
Concen: 36.260 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.7	41.7
105	23.3	3.0	43.0
51	25.4	9.9	49.9





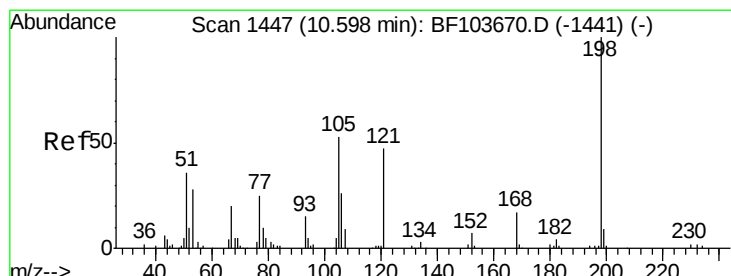
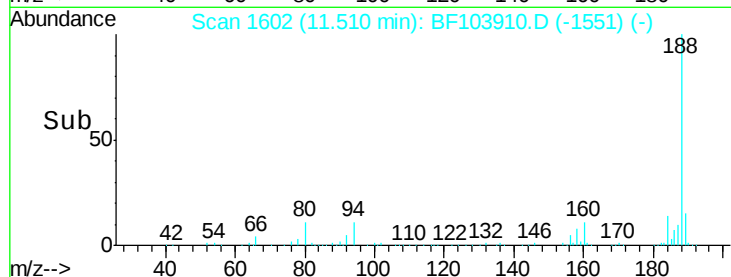
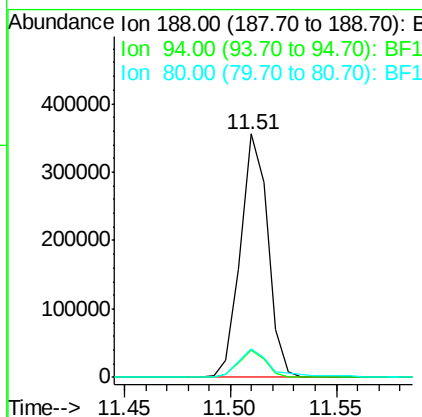
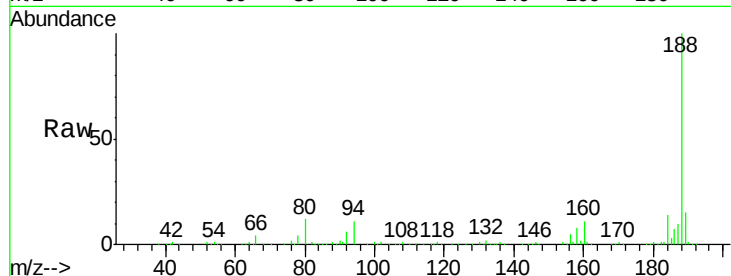
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	318672		
94	11.2		8.5	12.7
80	11.8		9.2	13.8

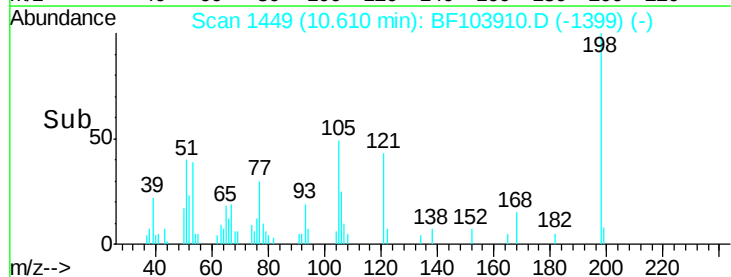
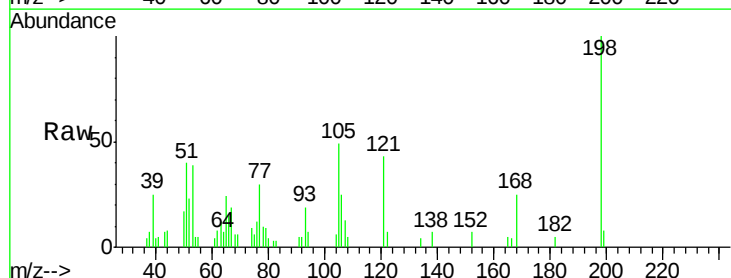
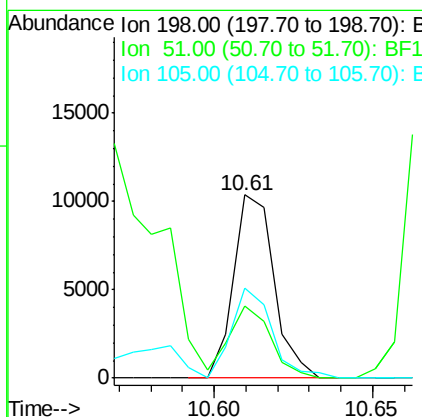
Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 16.234 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	9154		
51	39.6		37.7	77.7
105	49.0		36.3	76.3





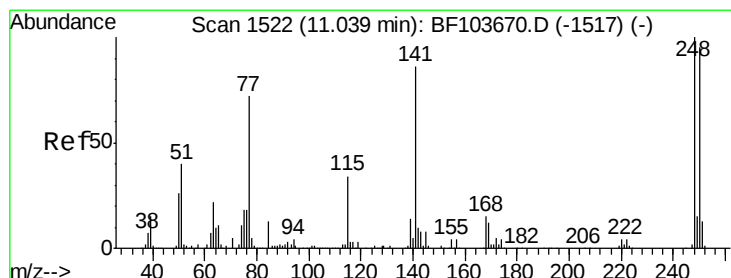
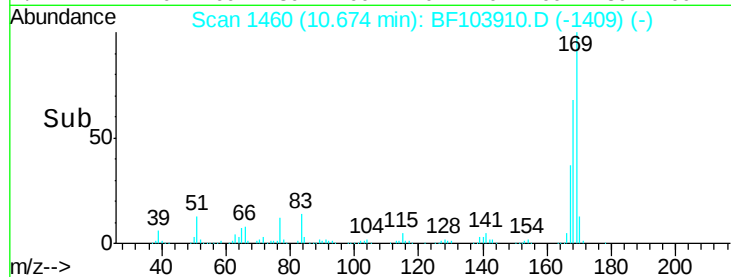
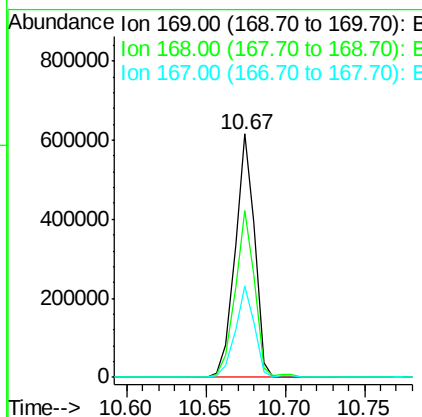
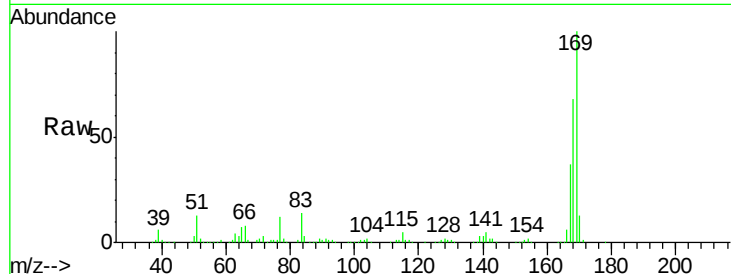
#65
 n-Nitrosodiphenylamine
 Concen: 48.275 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion	Ratio	Resp Lower	Upper
169	100		
168	68.5	54.4	81.6
167	37.4	29.8	44.6

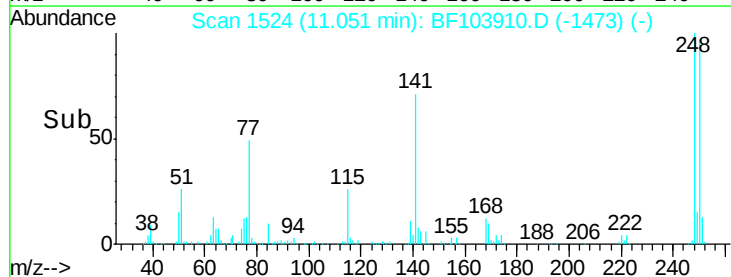
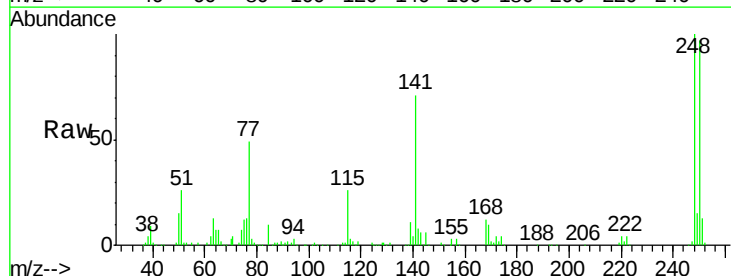
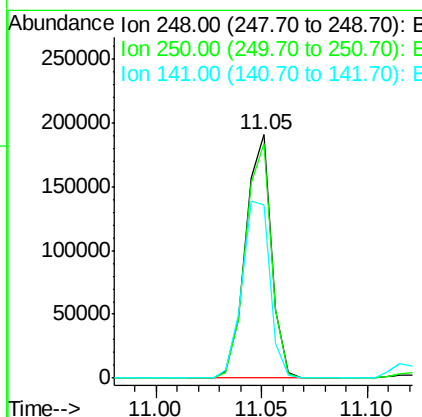
Manual Integrations
 APPROVED

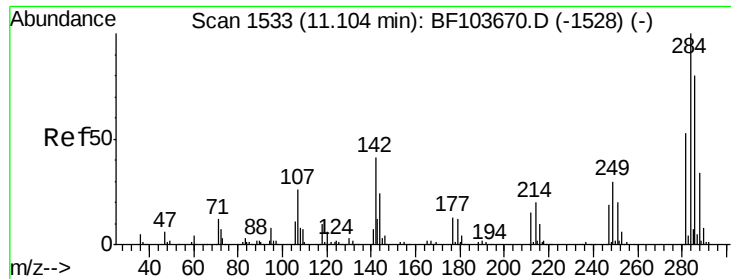
Sohil
 3/26/2018 4:33:46 PM



#66
 4-Bromophenyl-phenylether
 Concen: 49.452 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	96.6	76.9	115.3
141	71.2	74.4	111.6#





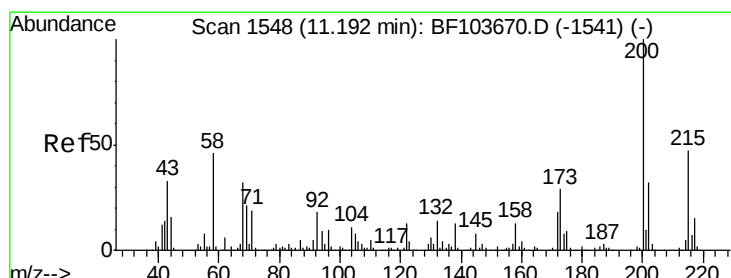
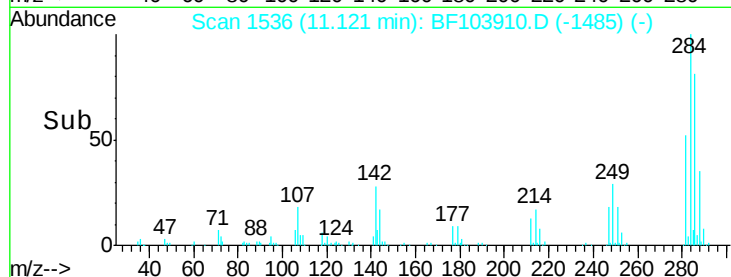
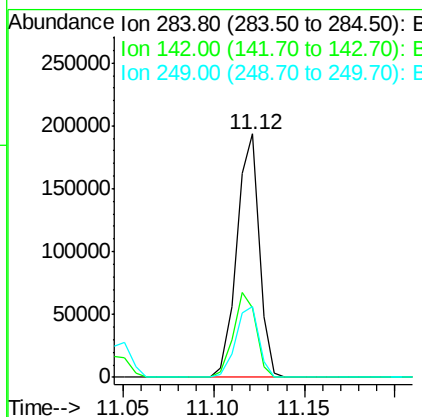
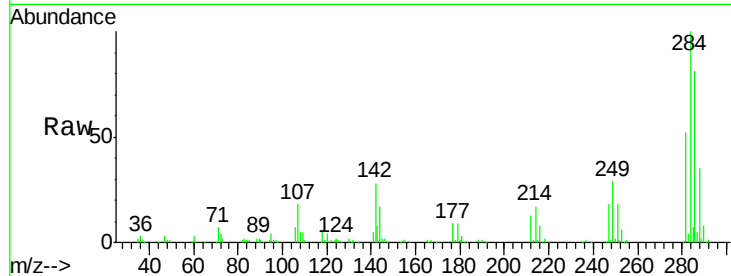
#67
Hexachlorobenzene
Concen: 44.694 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampled :
PB107612BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	166903		
142	28.4	34.6	52.0#	
249	29.2	24.8	37.2	

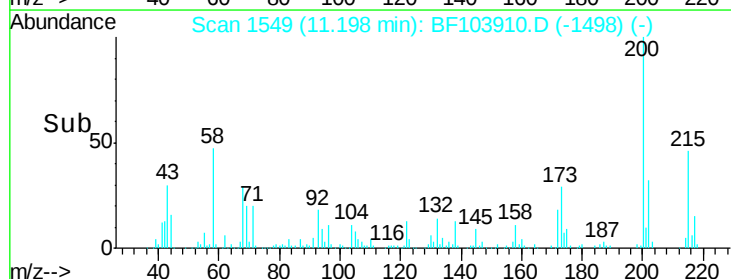
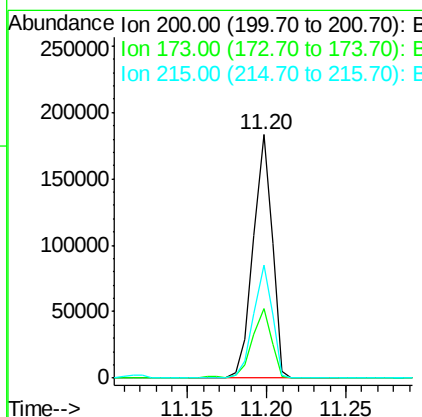
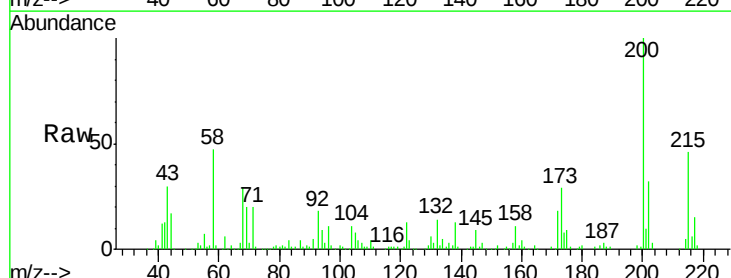
Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#68
Atrazine
Concen: 45.644 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	153155		
173	28.5	8.6	48.6	
215	46.3	25.1	65.1	





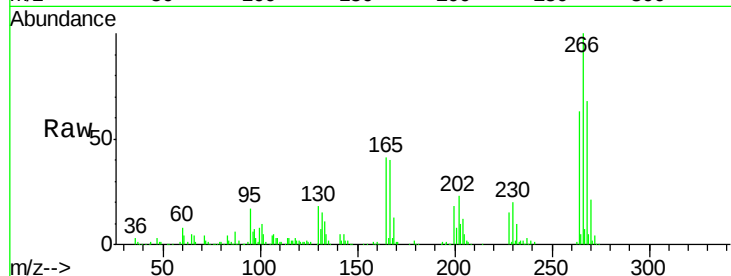
#69
 Pentachlorophenol
 Concen: 70.231 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.0	51.1	76.7
264	62.6	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM

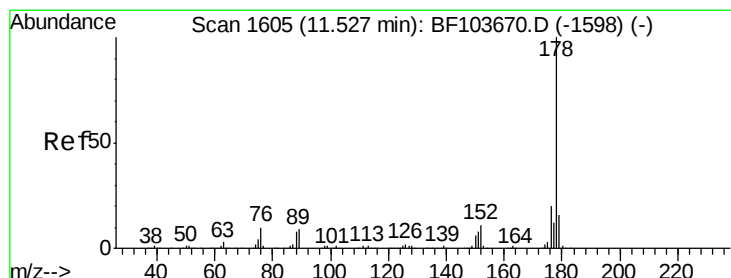
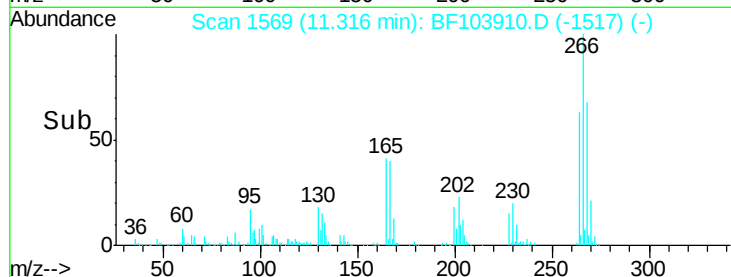
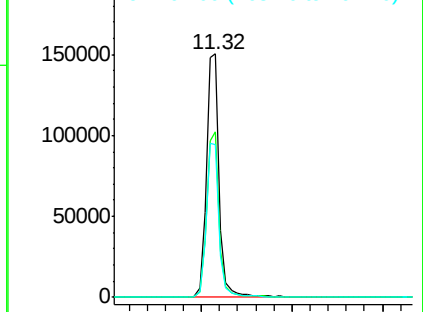


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.528 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

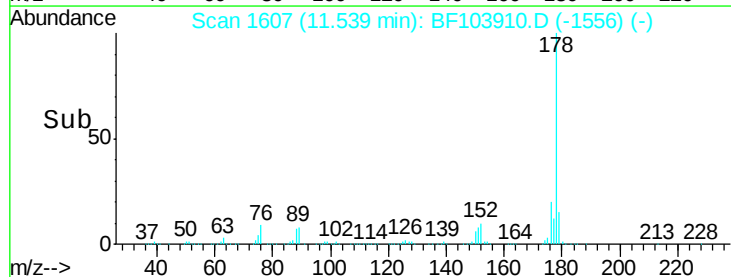
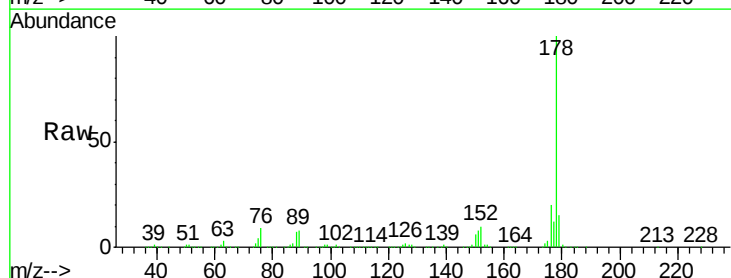
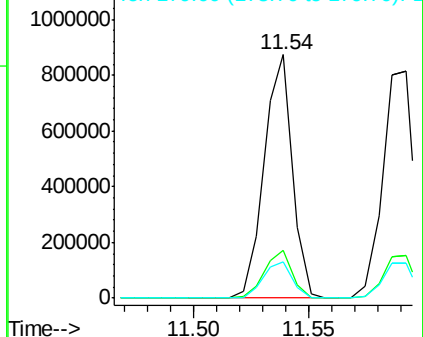
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.1	13.0	19.6

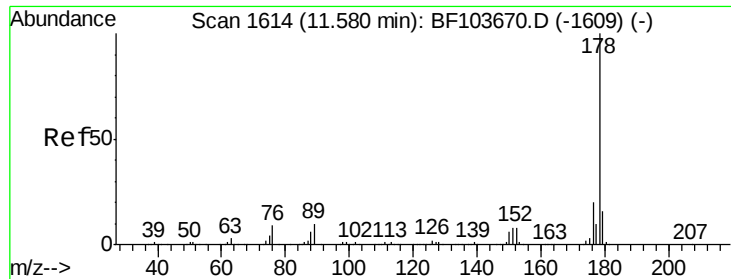
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





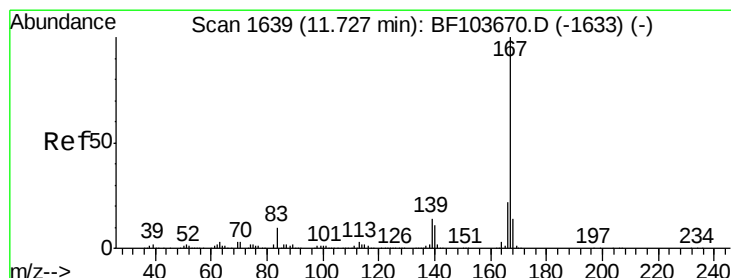
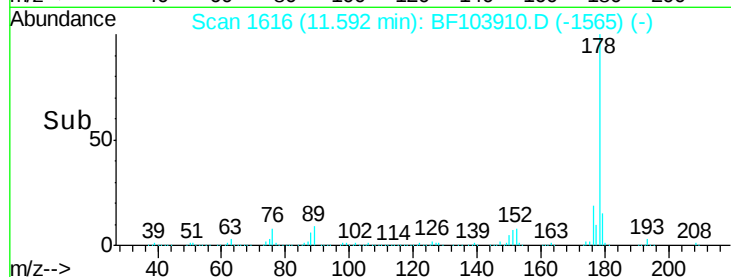
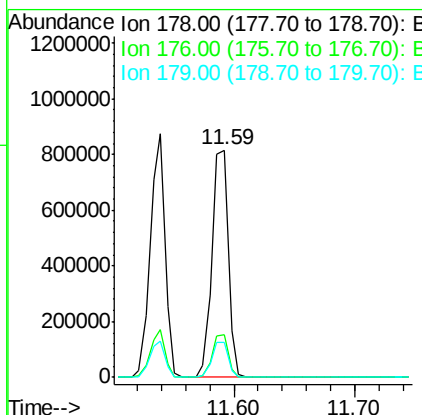
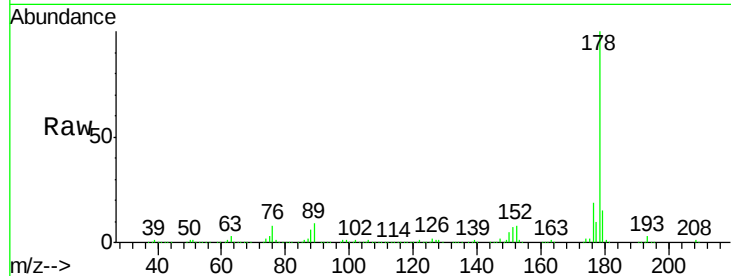
#71
 Anthracene
 Concen: 42.769 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

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

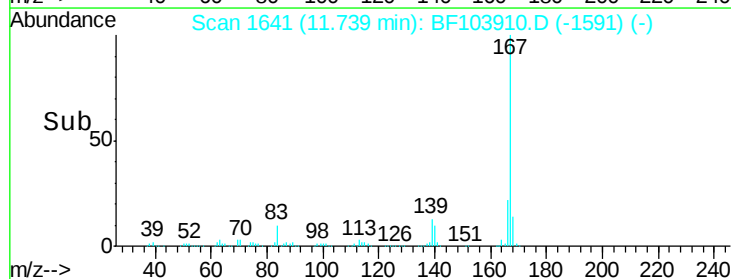
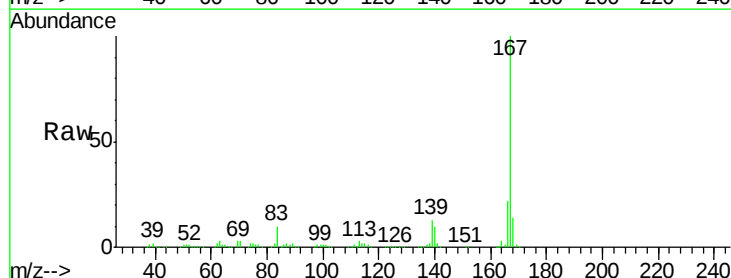
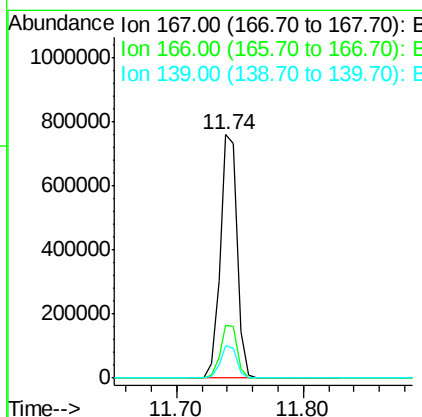
Manual Integrations
 APPROVED

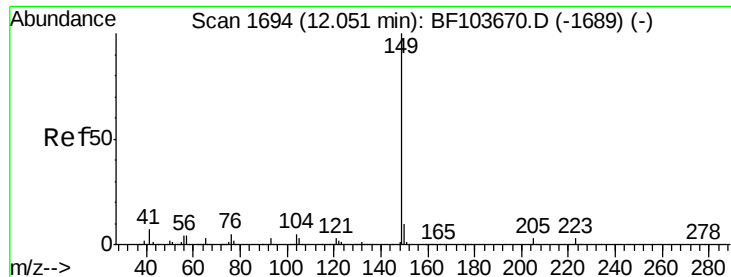
Sohil
 3/26/2018 4:33:46 PM



#72
 Carbazole
 Concen: 41.248 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.380 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

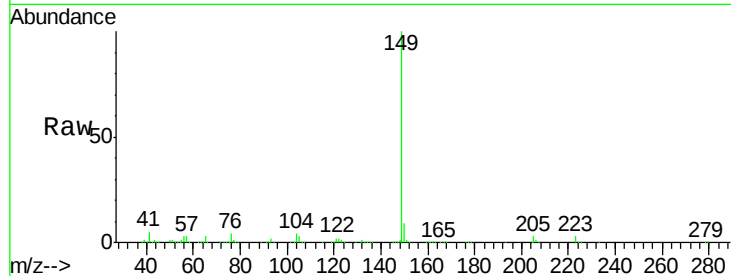
ClientSampleId :

PB107612BSD

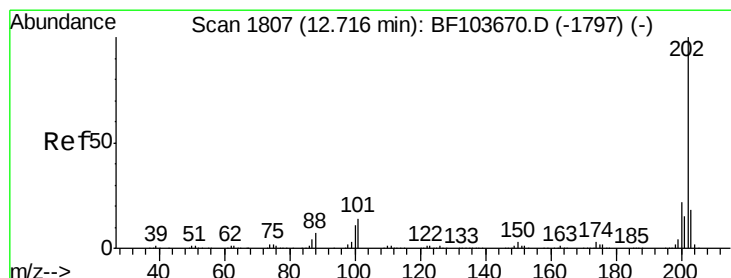
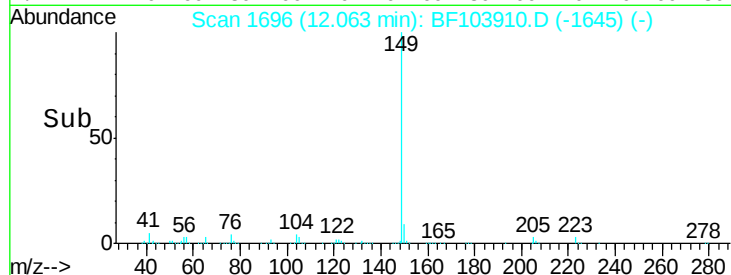
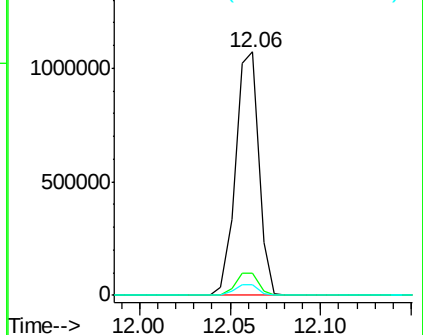
Tot Ion:	149	Resp:	957654
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 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: 40.769 ng

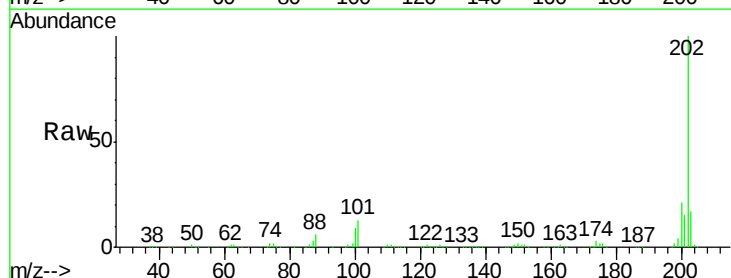
RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

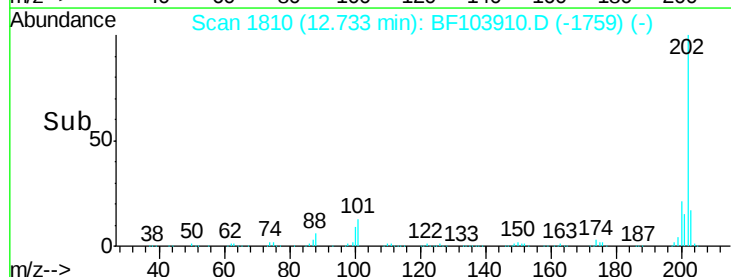
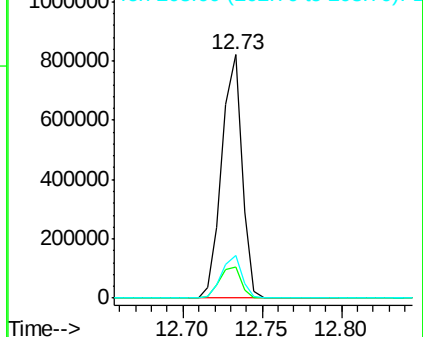
Lab File: BF103910.D

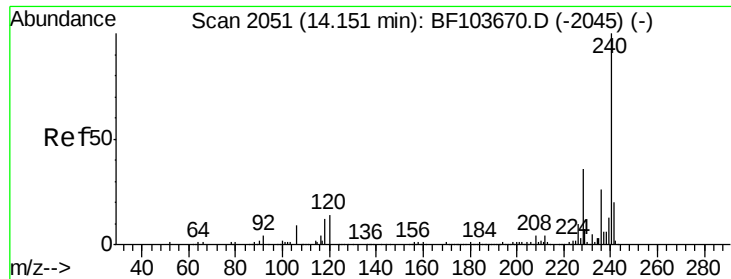
Acq: 24 Mar 2018 5:18

Tgt Ion:	202	Resp:	732180
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	34.1
203	17.3	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. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

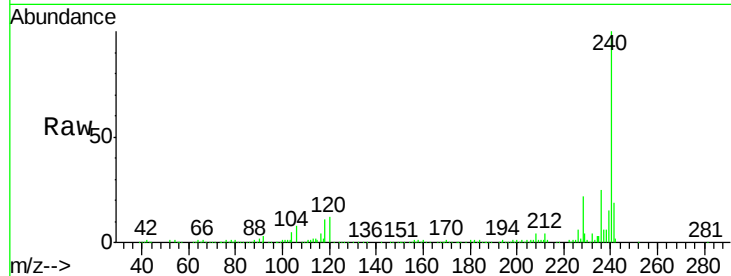
ClientSampleId :

PB107612BSD

Tot Ion:	240	Resp:	231396
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
APPROVED

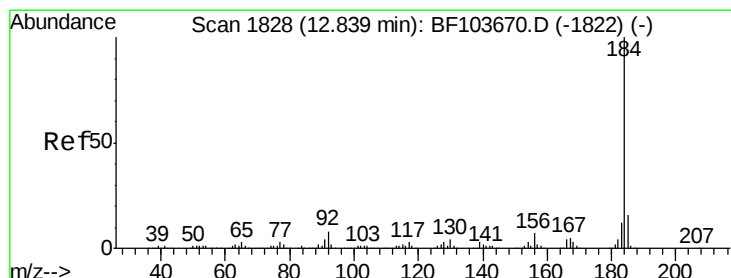
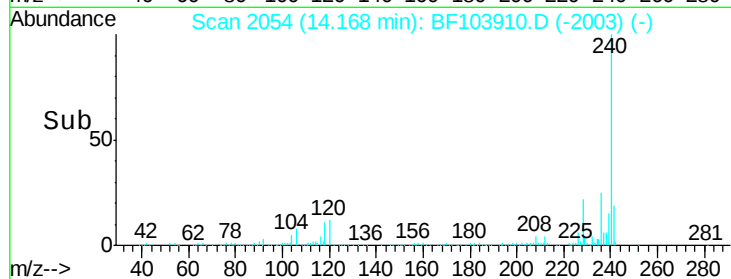
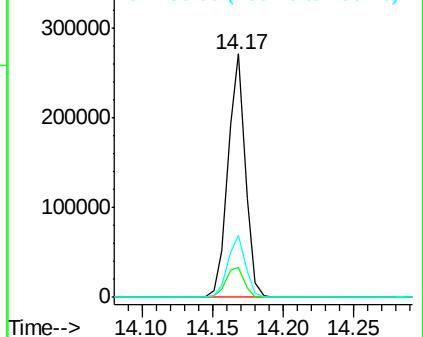
Sohil
3/26/2018 4:33:46 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 62.678 ng

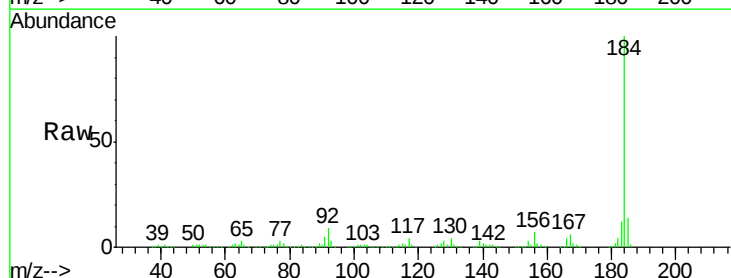
RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

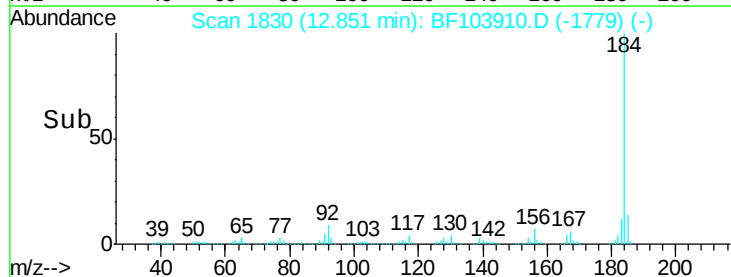
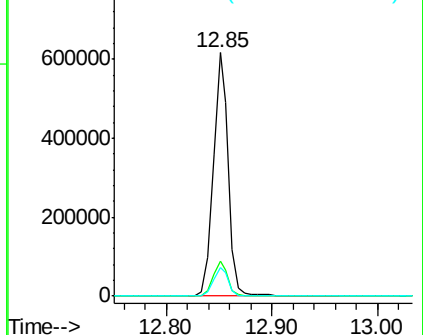
Tgt Ion:	184	Resp:	618580
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.8	9.3	13.9

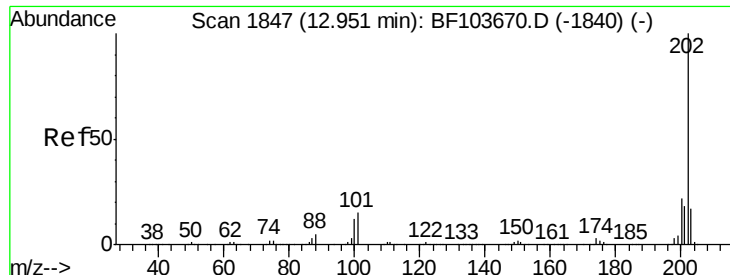


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.633 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

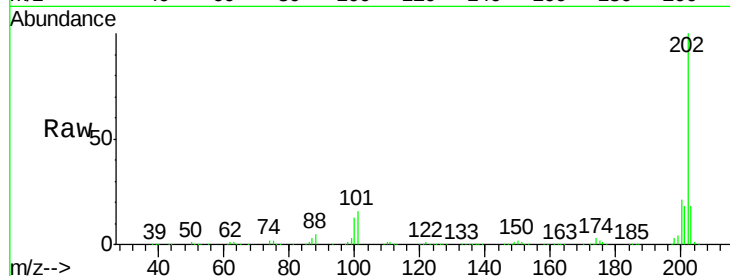
ClientSampleId :

PB107612BSD

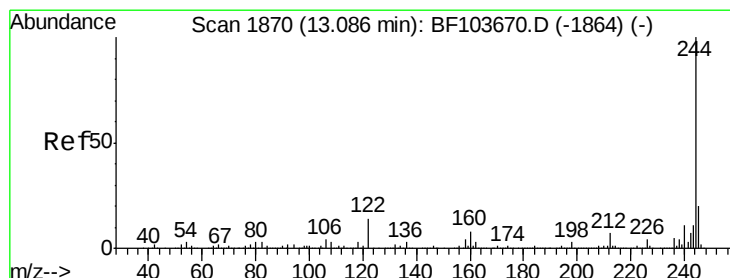
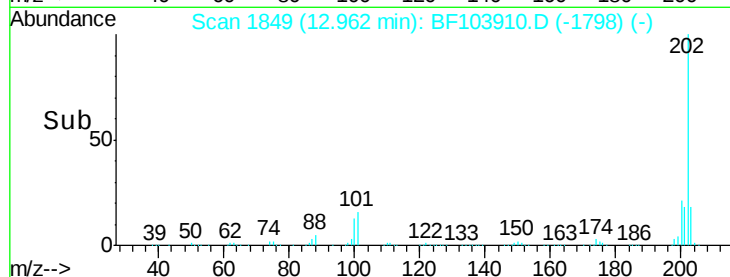
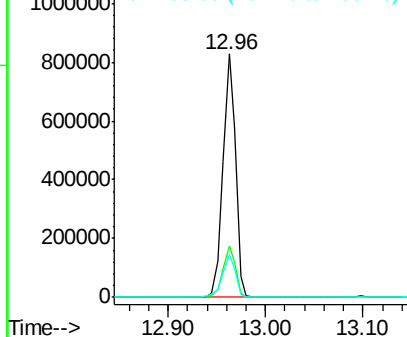
Tot Ion:	202	Resp:	741477
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.462 ng

RT: 13.10 min Scan# 1872

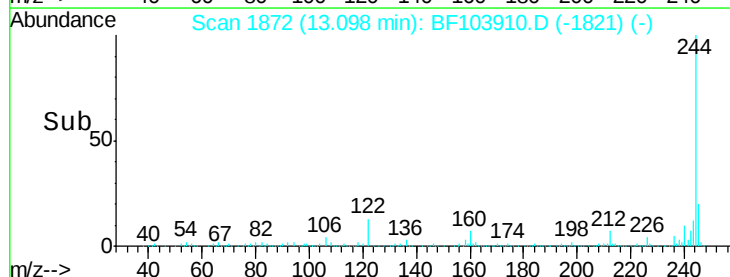
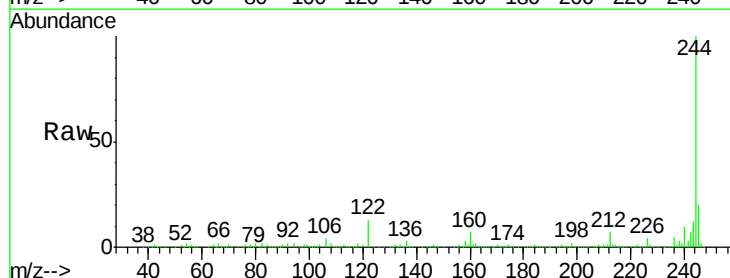
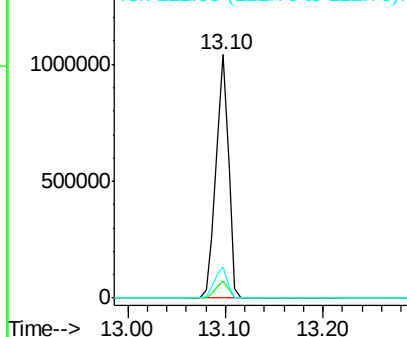
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	244	Resp:	931726
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





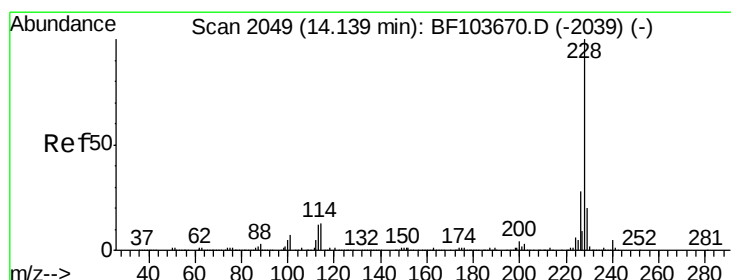
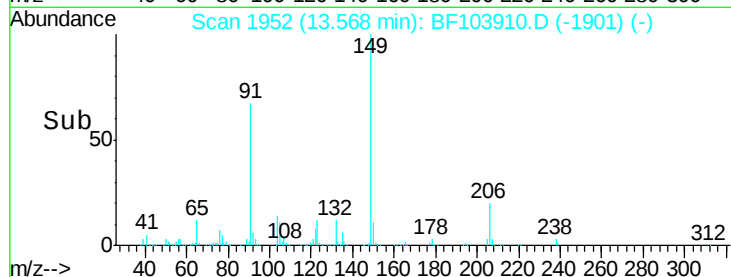
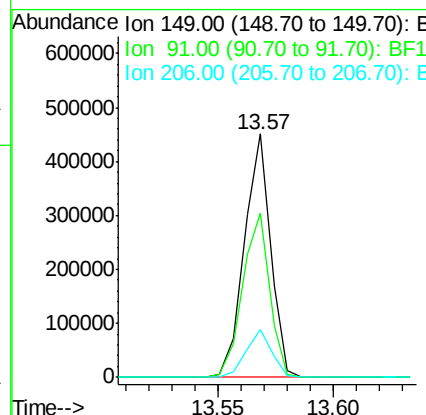
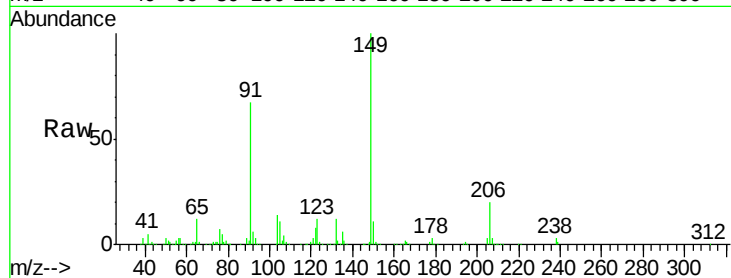
#79
Butylbenzylphthalate
Concen: 47.578 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	358214		
91	67.3	56.8	85.2	
206	19.5	14.1	21.1	

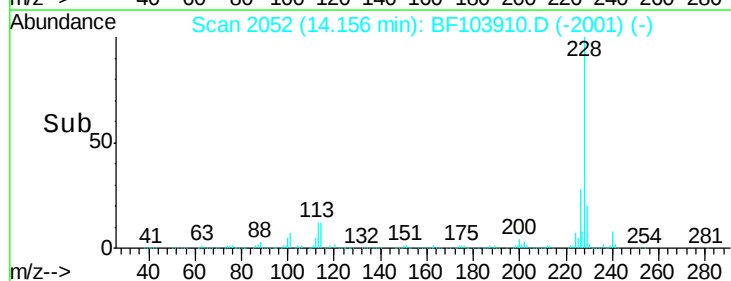
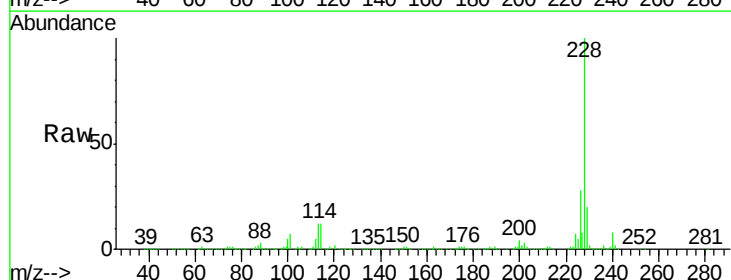
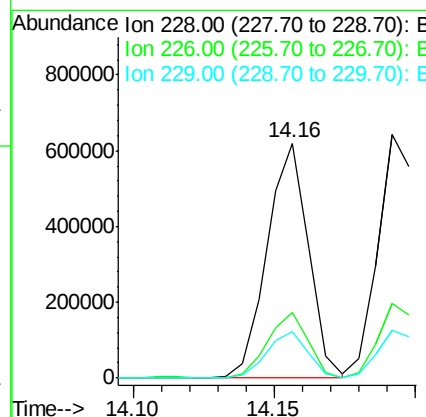
Manual Integrations
APPROVED

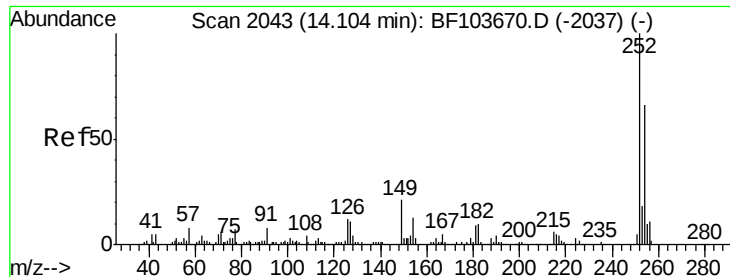
Sohil
3/26/2018 4:33:46 PM



#80
Benzo(a)anthracene
Concen: 42.729 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	625860		
226	27.8	22.6	33.8	
229	19.9	15.8	23.6	





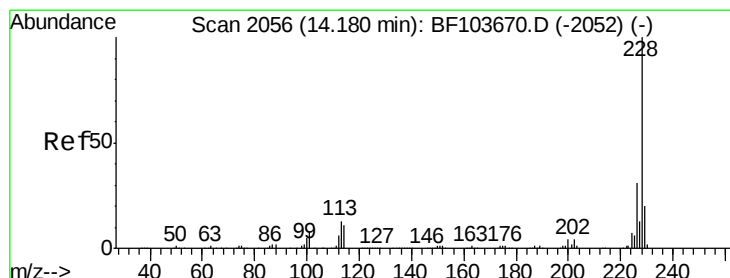
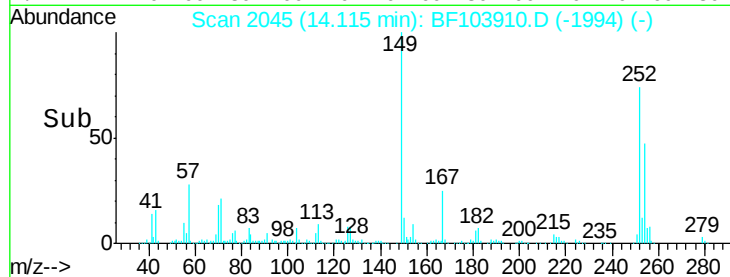
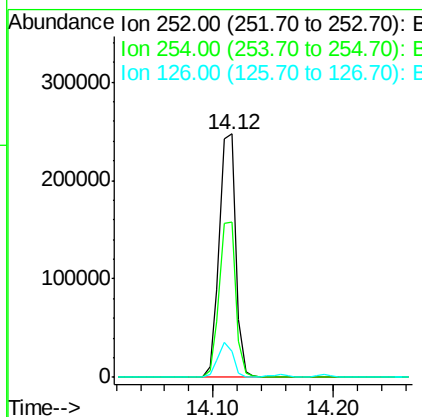
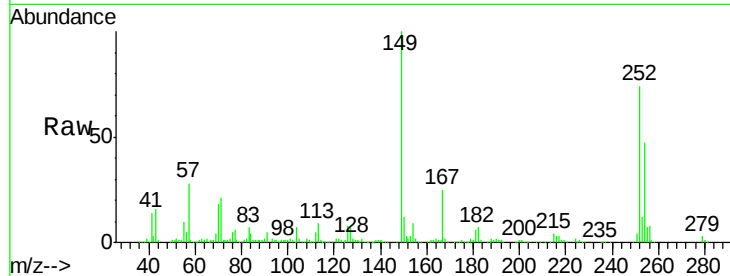
#81
 3,3'-Dichlorobenzidine
 Concen: 47.677 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.4	75.6
126	10.6	11.3	16.9

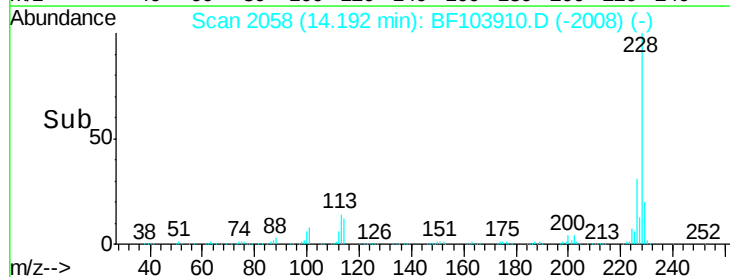
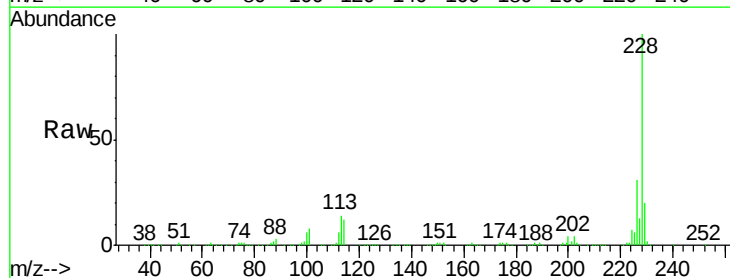
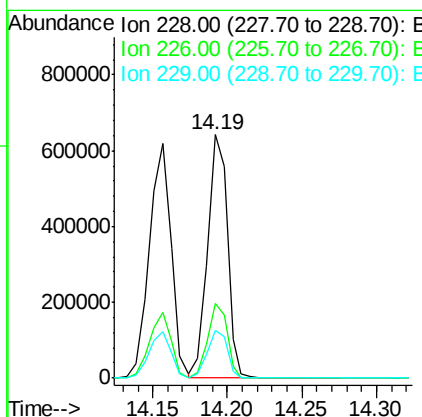
Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM



#82
 Chrysene
 Concen: 42.190 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.526 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

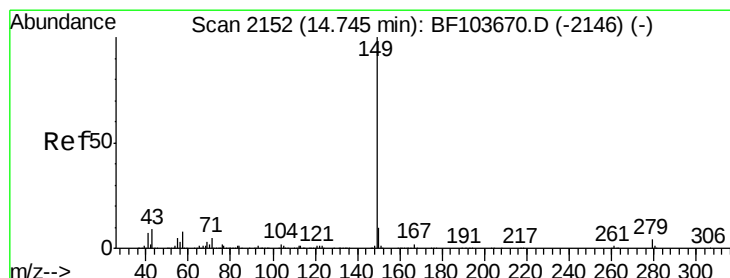
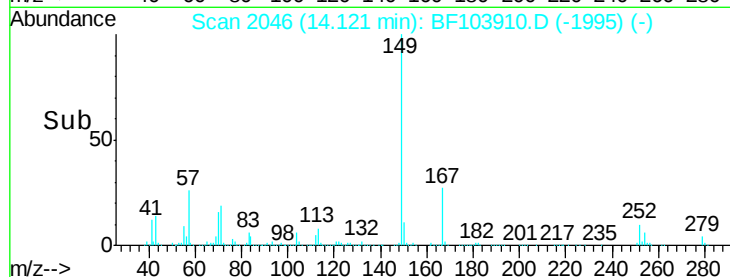
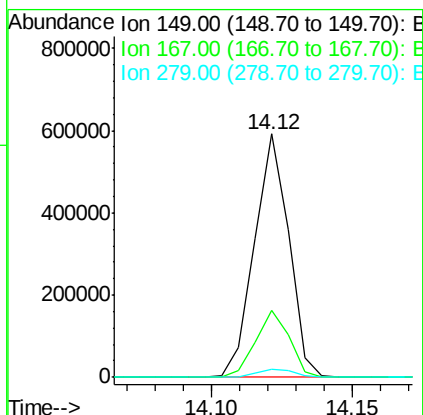
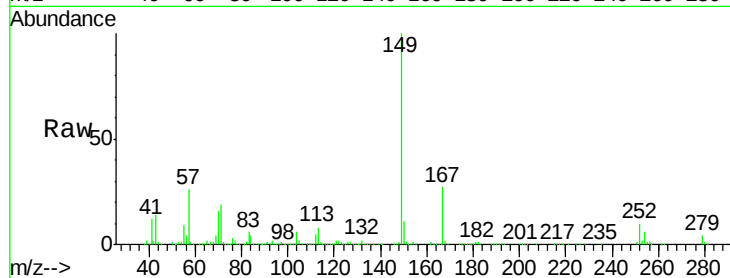
ClientSampleId :

PB107612BSD

Tot Ion:	149	Resp:	500426
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#84

Di-n-octyl phthalate

Concen: 54.428 ng

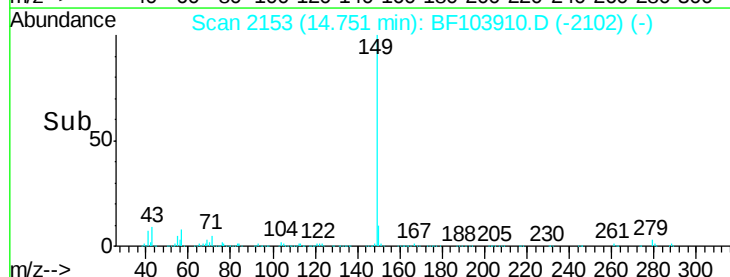
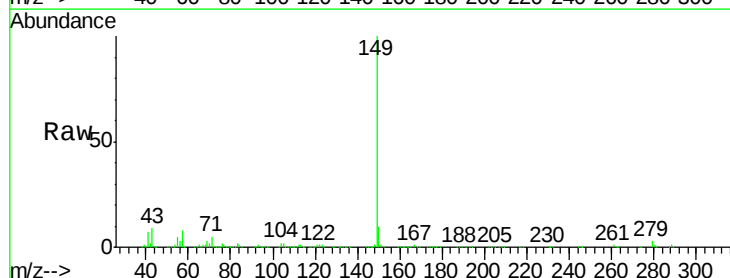
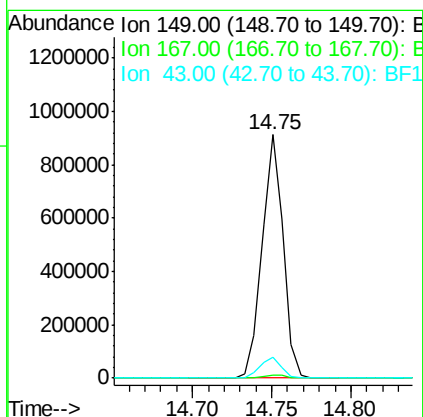
RT: 14.75 min Scan# 2153

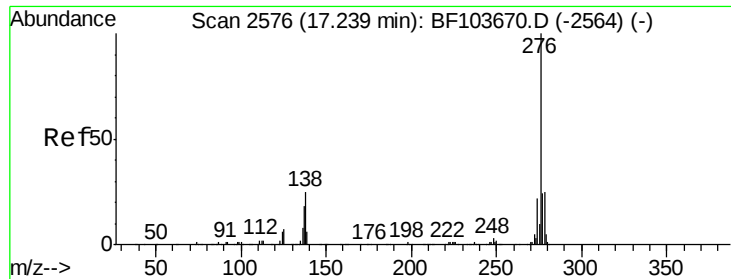
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	149	Resp:	851677
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.6	8.4	12.6





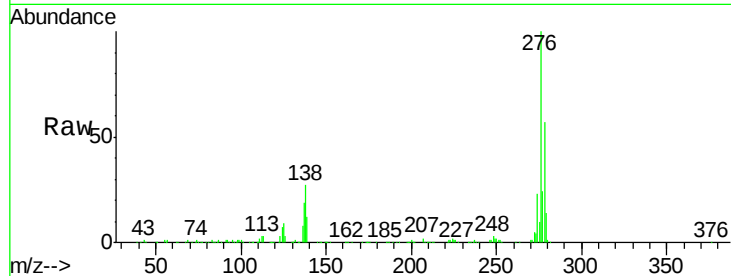
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.081 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

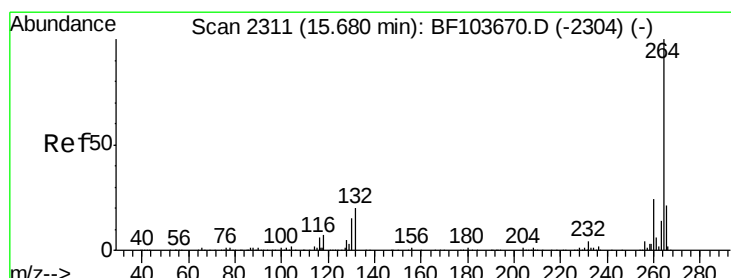
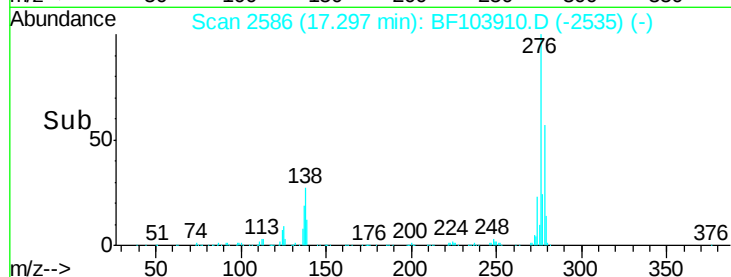
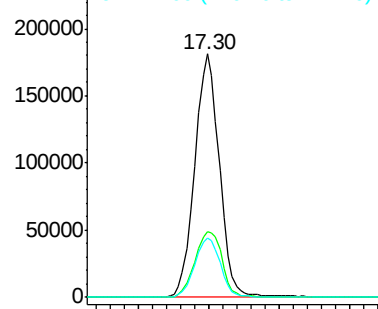
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	25.5	20.1	30.1

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM

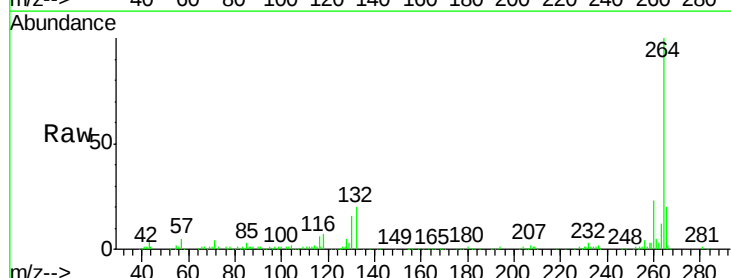


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

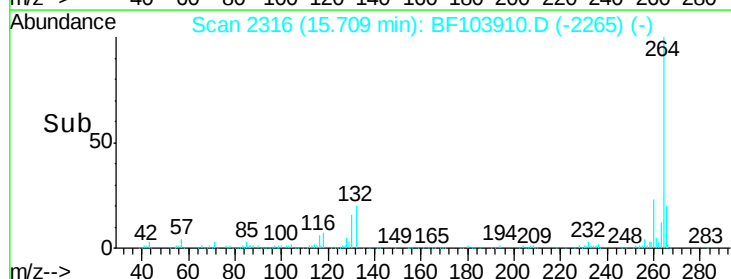
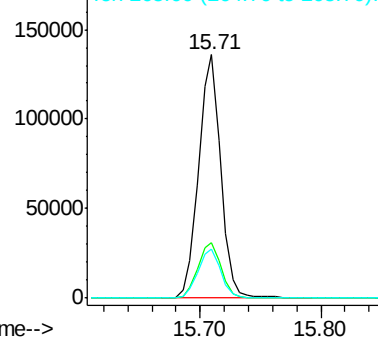


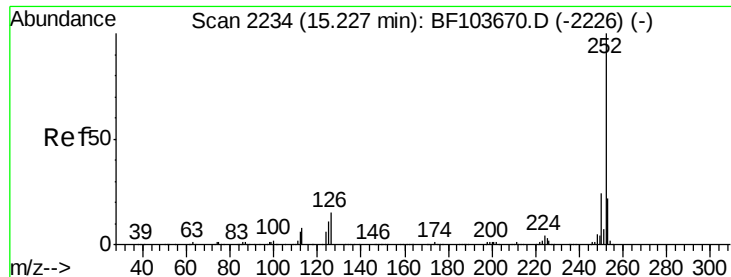
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.0	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 43.920 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Instrument :

BNA_F

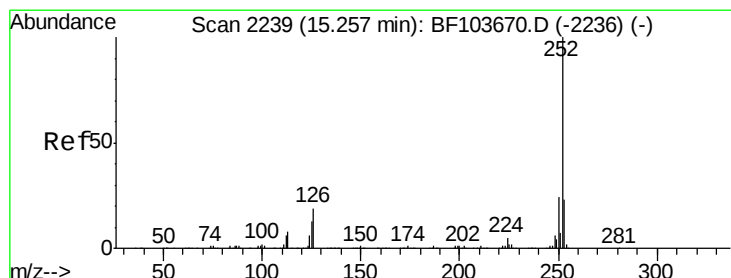
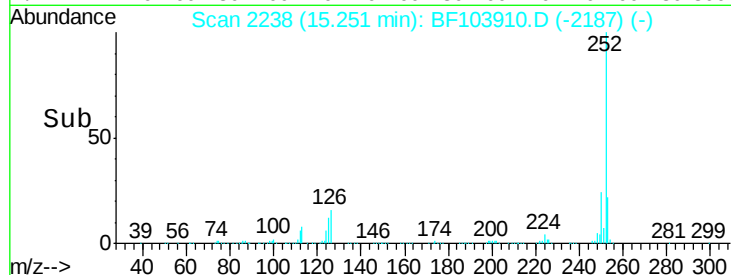
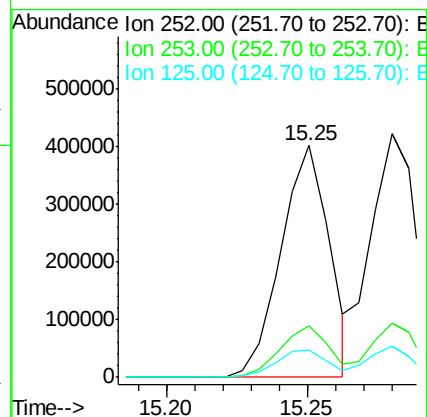
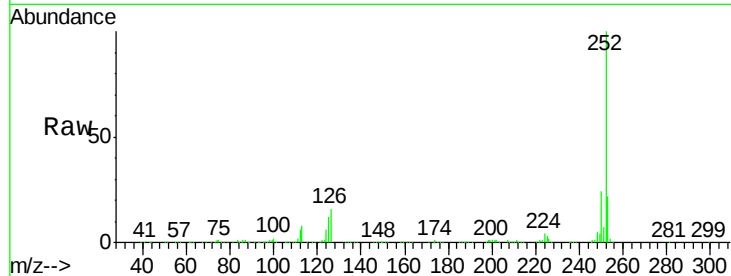
ClientSampleId :

PB107612BSD

Tot Ion:	252	Resp:	477294
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	11.7	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:46 PM



#88

Benzo(k)fluoranthene

Concen: 45.929 ng

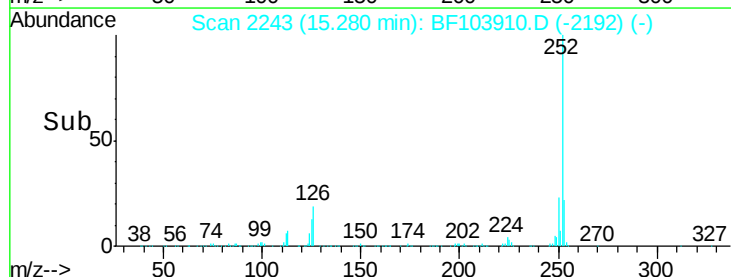
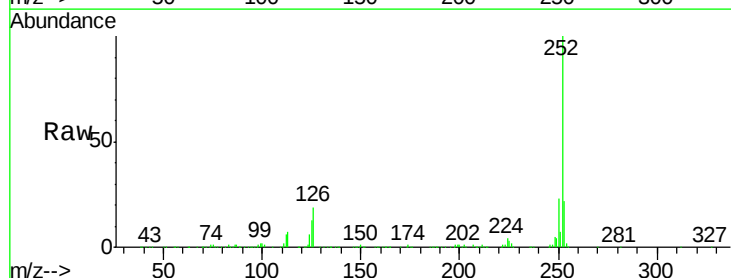
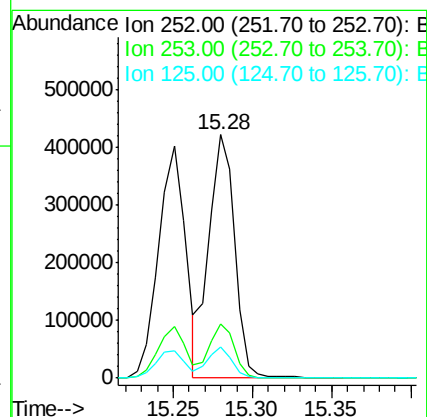
RT: 15.28 min Scan# 2243

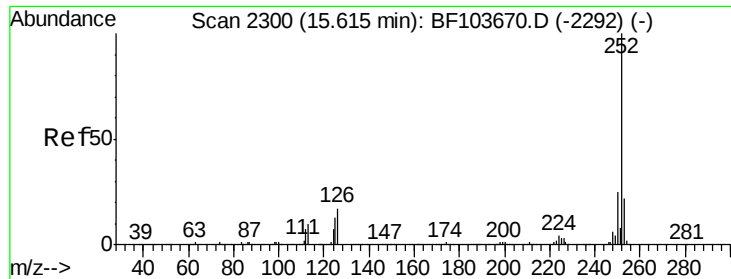
Delta R.T. -0.00 min

Lab File: BF103910.D

Acq: 24 Mar 2018 5:18

Tgt Ion:	252	Resp:	479789
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	12.6	10.2	15.2





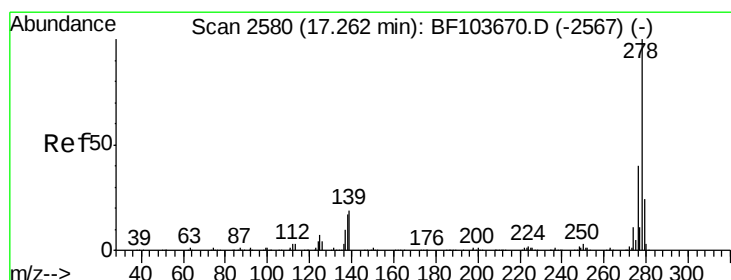
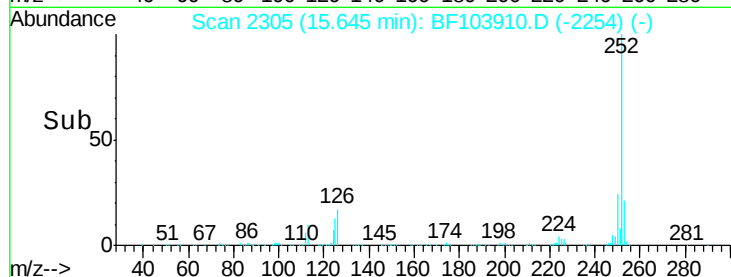
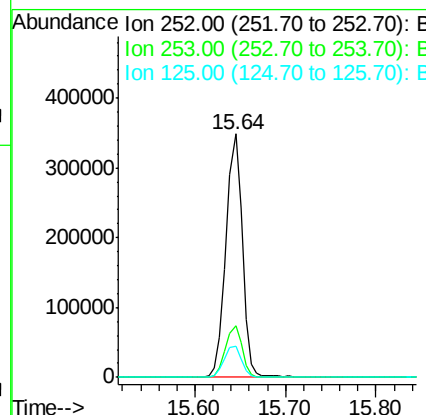
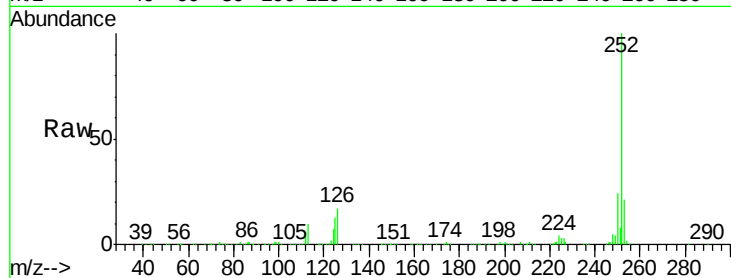
#89
Benzo(a)pyrene
Concen: 44.314 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Instrument :
BNA_F
ClientSampleId :
PB107612BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	13.0	9.8	14.6

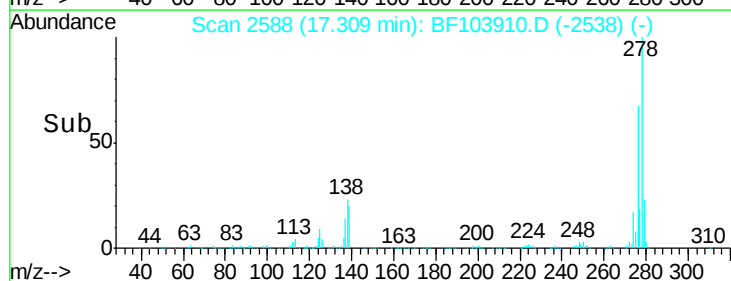
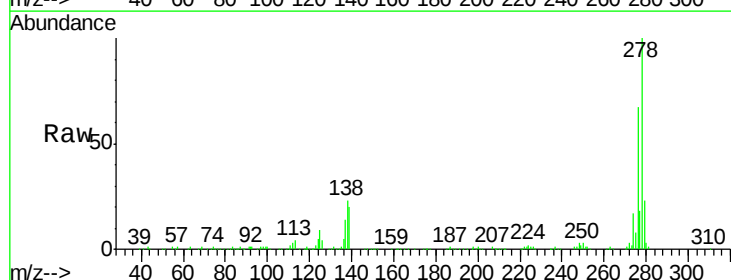
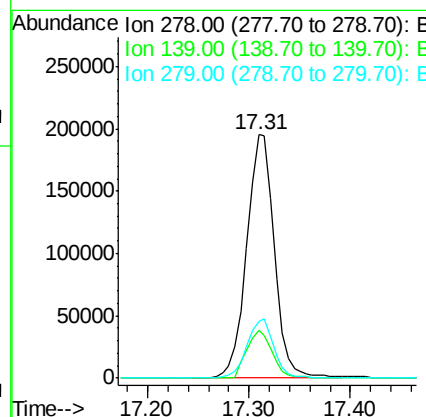
Manual Integrations
APPROVED

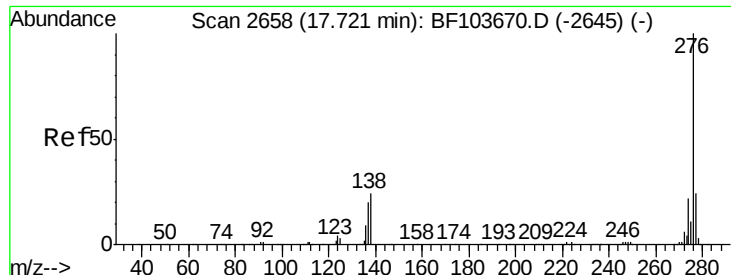
Sohil
3/26/2018 4:33:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.398 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103910.D
Acq: 24 Mar 2018 5:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.651 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: BF103910.D
 Acq: 24 Mar 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:46 PM

