

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102468.D
 Acq On : 26 Jan 2018 15:06
 Operator : SJ/JU
 Sample : J1257-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Manual Integrations
 APPROVED

Sohil
 1/27/2018 1:46:44 PM

Quant Time: Jan 26 16:57:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152820	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	617602	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	249453	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	287304	20.00	ng	0.02
75) Chrysene-d12	13.95	240	109108	20.00	ng	0.07
86) Perylene-d12	15.41	264	140787	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	207292	20.57	ng	0.00
7) Phenol-d6	6.37	99	248967	20.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	142860	13.29	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	32750	13.25	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	253456	14.94	ng	0.00
78) Terphenyl-d14	12.86	244	98458	20.34	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	161104	33.642	ng	97
3) Pyridine	3.06	79	453851	36.266	ng	95
4) n-Nitrosodimethylamine	3.02	42	226904	46.249	ng	98
6) Aniline	6.43	93	395741m	24.623	ng	
8) 2-Chlorophenol	6.51	128	457744	43.326	ng	97
9) Benzaldehyde	6.27	77	226470	31.228	ng	# 72
10) Phenol	6.38	94	613611	46.257	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	440013	43.612	ng	98
12) 1,3-Dichlorobenzene	6.66	146	469496	37.365	ng	98
13) 1,4-Dichlorobenzene	6.74	146	470612	37.389	ng	98
14) 1,2-Dichlorobenzene	6.89	146	452534	39.306	ng	100
15) Benzyl Alcohol	6.87	79	355454	41.461	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	631897	37.343	ng	60
17) 2-Methylphenol	6.99	107	341294	37.195	ng	# 88
18) Hexachloroethane	7.23	117	135400	30.870	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	307154	41.306	ng	99
20) 3+4-Methylphenols	7.15	107	451697	41.856	ng	96
22) Acetophenone	7.13	105	620199	42.126	ng	99
24) Nitrobenzene	7.31	77	429880	39.086	ng	94
25) Isophorone	7.55	82	811931	42.378	ng	98
26) 2-Nitrophenol	7.62	139	119057	20.568	ng	98
27) 2,4-Dimethylphenol	7.67	122	385922	45.915	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	523368	44.220	ng	# 90
29) 2,4-Dichlorophenol	7.87	162	369635	43.173	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	345101	37.602	ng	98
31) Naphthalene	8.03	128	1536736	49.836	ng	99
32) Benzoic acid	7.77	122	16964	2.409	ng	# 27
33) 4-Chloroaniline	8.10	127	310345	23.934	ng	100
34) Hexachlorobutadiene	8.14	225	180076	36.736	ng	99
35) Caprolactam	8.46	113	114037	40.330	ng	# 69
36) 4-Chloro-3-methylphenol	8.58	107	353148	39.131	ng	97
37) 2-Methylnaphthalene	8.72	142	968438	47.158	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	297263	39.608	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	203587	40.522	ng	98

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102468.D
 Acq On : 26 Jan 2018 15:06
 Operator : SJ/JU
 Sample : J1257-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

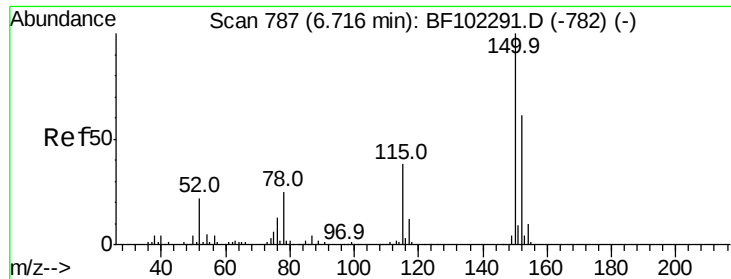
Manual Integrations
 APPROVED

Sohil
 1/27/2018 1:46:44 PM

Quant Time: Jan 26 16:57:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	207737	36.724	nq	96
45) 1,1'-Biphenyl	9.19	154	930291	41.707	nq	99
46) 2-Chloronaphthalene	9.21	162	659361	38.031	nq	99
47) 2-Nitroaniline	9.32	65	251396	46.510	nq	98
48) Acenaphthylene	9.62	152	1156244	42.807	nq	97
49) Dimethylphthalate	9.49	163	1022488	49.590	nq	100
50) 2,6-Dinitrotoluene	9.56	165	119204	26.815	nq #	84
51) Acenaphthene	9.80	154	807560	51.192	nq	100
52) 3-Nitroaniline	9.73	138	200556	38.137	nq	92
53) 2,4-Dinitrophenol	9.84	184	108	3.747	nq #	1
54) Dibenzofuran	9.97	168	1189941	55.736	nq	96
55) 4-Nitrophenol	9.90	139	204604	58.940	nq	95
56) 2,4-Dinitrotoluene	9.96	165	114883	21.015	nq #	88
57) Fluorene	10.32	166	1093734	64.651	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	133539	33.063	nq	99
59) Diethylphthalate	10.19	149	715376	35.704	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	265015	36.132	nq	98
61) 4-Nitroaniline	10.34	138	193945	36.959	nq	94
62) Azobenzene	10.46	77	782447	42.653	nq	88
65) n-Nitrosodiphenylamine	10.42	169	572910	54.329	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	146216	47.276	nq	98
67) Hexachlorobenzene	10.87	284	139191	40.241	nq	98
68) Atrazine	10.98	200	147304	47.297	nq	92
69) Pentachlorophenol	11.07	266	117404	64.612	nq	98
70) Phenanthrene	11.30	178	3689030	220.348	nq	99
71) Anthracene	11.35	178	2011047	117.686	nq	99
72) Carbazole	11.50	167	882582	52.941	nq	97
73) Di-n-butylphthalate	11.82	149	803562	38.562	nq	98
74) Fluoranthene	12.51	202	3567010	208.932	nq	98
77) Pyrene	12.74	202	2845163	337.271	nq	98
79) Butylbenzylphthalate	13.33	149	206319	49.145	nq	93
80) Benzo(a)anthracene	13.93	228	1698416	252.837	nq #	93
81) 3,3'-Dichlorobenzidine	13.89	252	42718	17.336	nq #	72
82) Chrysene	13.98	228	997995	146.302	nq #	95
83) Bis(2-ethylhexyl)phthalate	13.90	149	378533	67.094	nq #	96
84) Di-n-octyl phthalate	14.52	149	408696	44.544	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.86	276	1235457	219.300	nq #	92
87) Benzo(b)fluoranthene	15.00	252	2109863m	231.215	nq	
88) Benzo(k)fluoranthene	15.03	252	147466m	17.105	nq	
89) Benzo(a)pyrene	15.37	252	1290384m	156.793	nq	
90) Dibenzo(a,h)anthracene	16.86	278	499255	74.889	nq #	89
91) Benzo(g,h,i)perylene	17.29	276	1108186	168.353	nq	95

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



#1

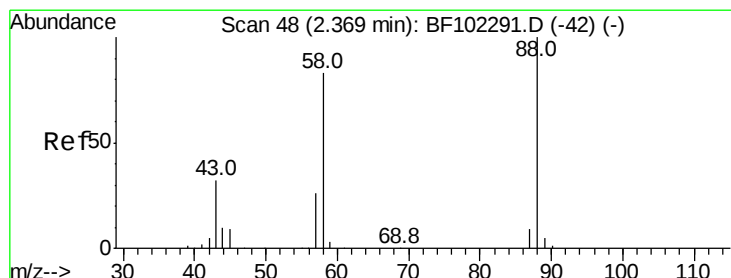
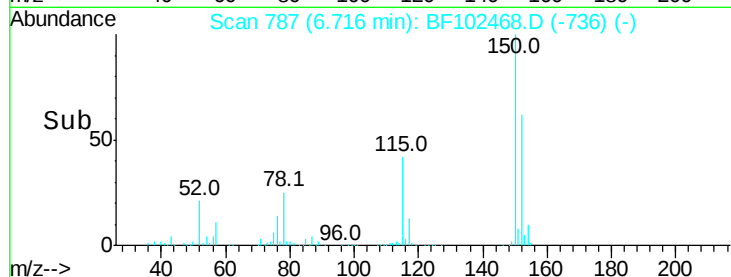
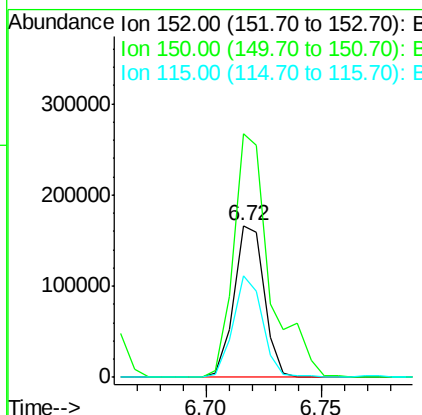
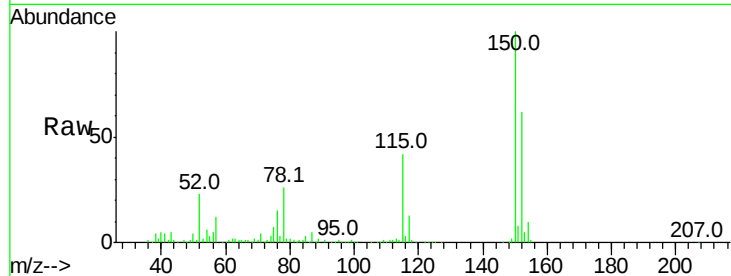
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	67.4	50.1	75.1

Manual Integrations
APPROVED

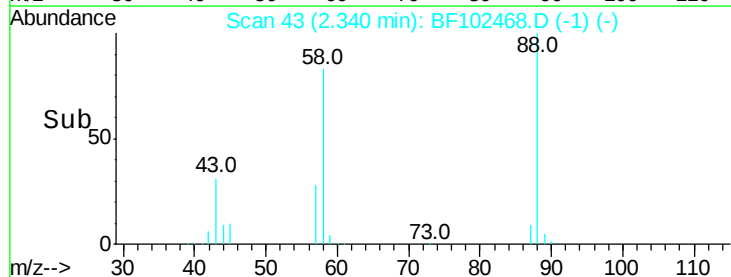
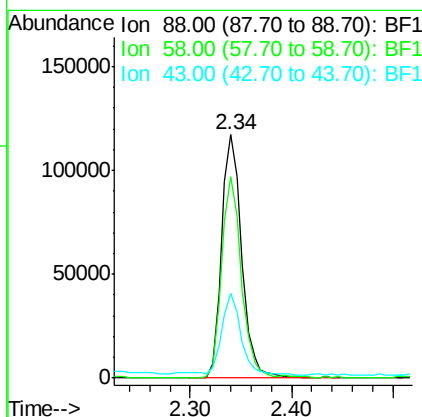
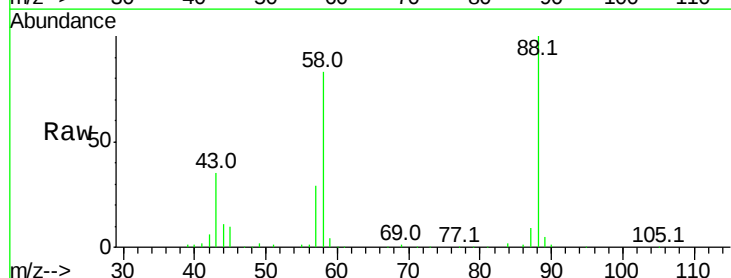
Sohil
1/27/2018 1:46:44 PM

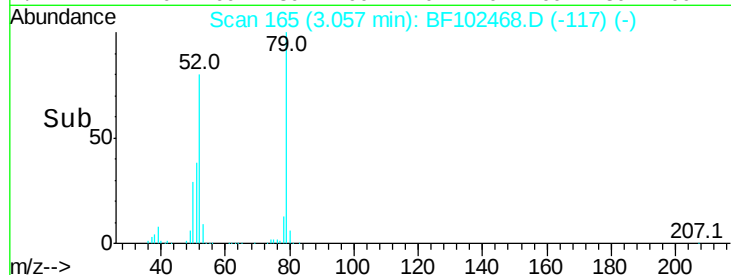
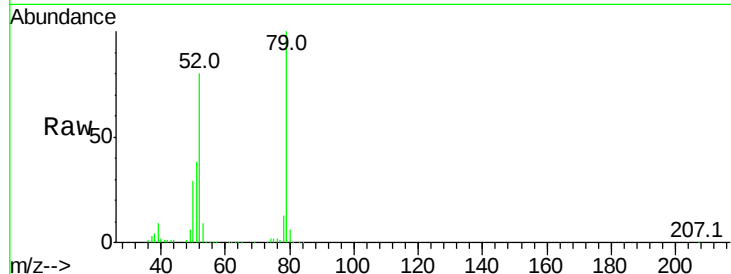
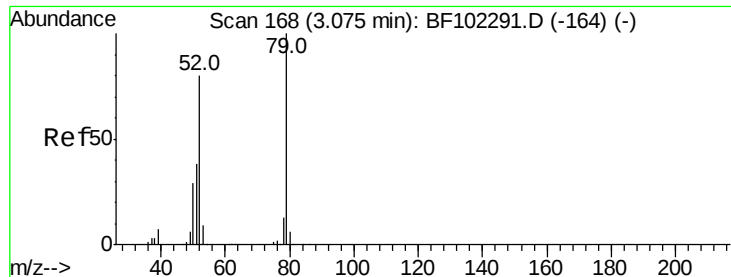


#2

1,4-Dioxane
Concen: 33.642 ng
RT: 2.34 min Scan# 43
Delta R.T. -0.03 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.6	93.8
43	32.4	24.6	37.0





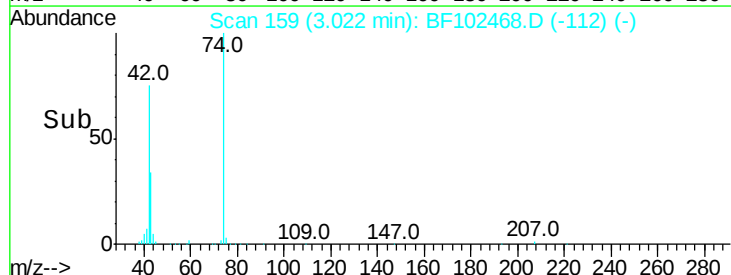
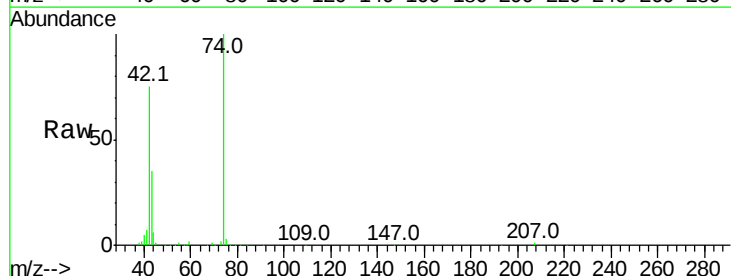
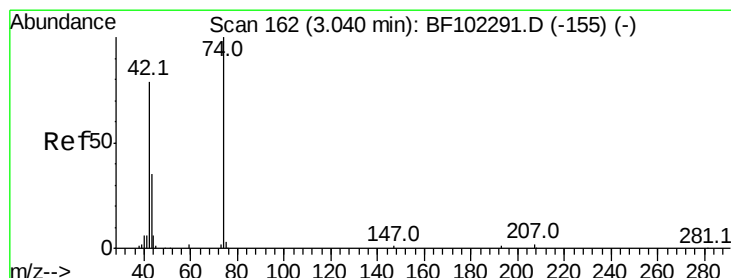
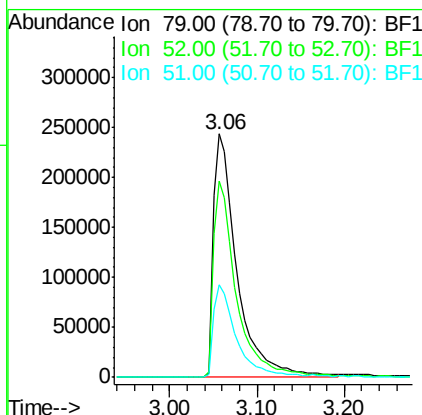
#3
Pvridine
Concen: 36.266 ng
RT: 3.06 min Scan# 165
Delta R.T. -0.02 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.4	59.8	89.6
51	37.9	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

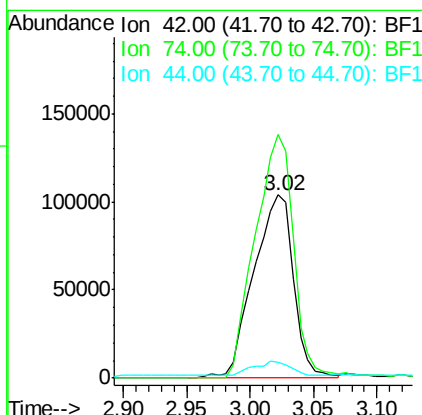
Manual Integrations
APPROVED

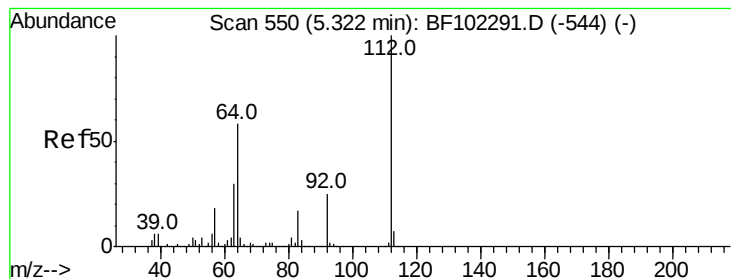
Sohil
1/27/2018 1:46:44 PM



#4
n-Nitrosodimethylamine
Concen: 46.249 ng
RT: 3.02 min Scan# 159
Delta R.T. -0.02 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.0	104.9	157.3
44	8.3	6.9	10.3





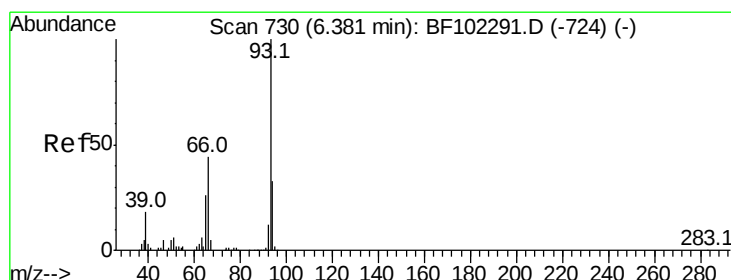
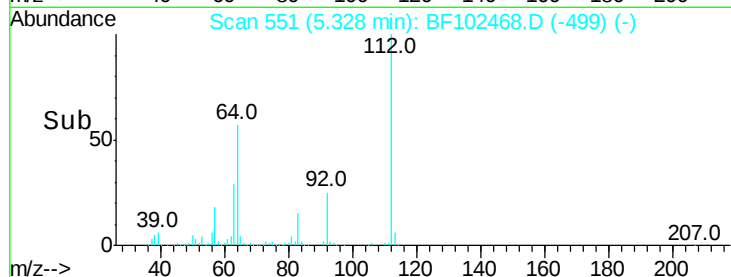
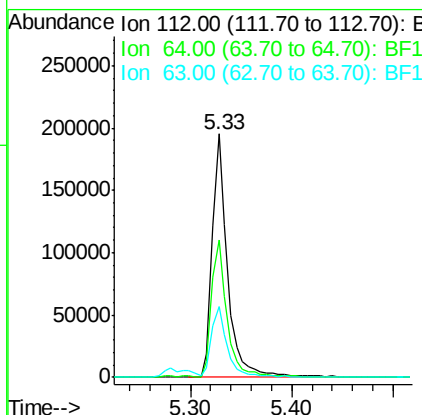
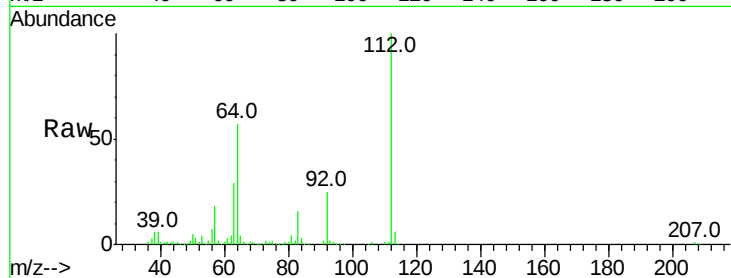
#5
2-Fluorophenol
Concen: 20.567 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	207292		
64	56.5	47.9	71.9	
63	29.1	23.7	35.5	

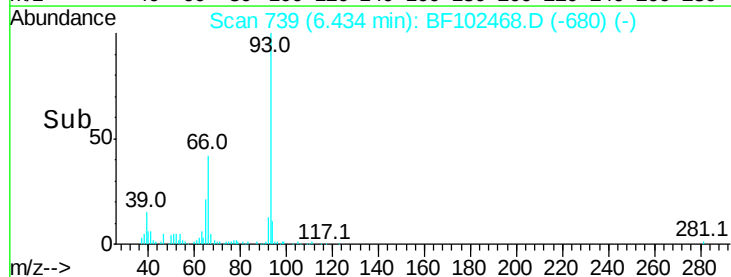
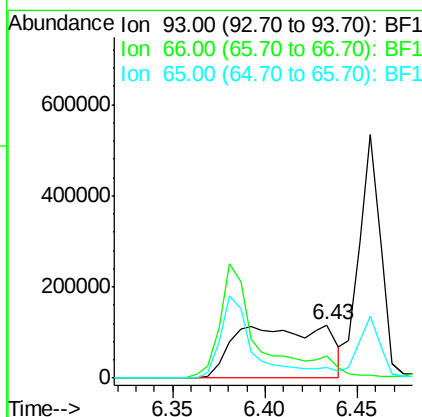
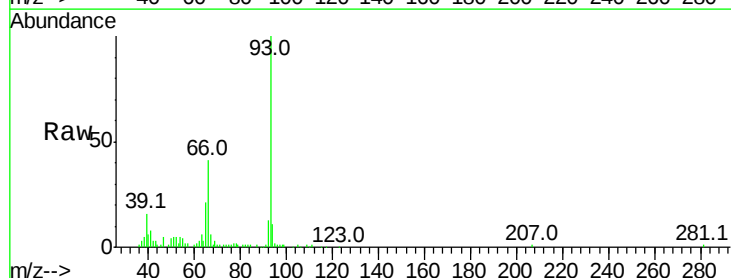
Manual Integrations
APPROVED

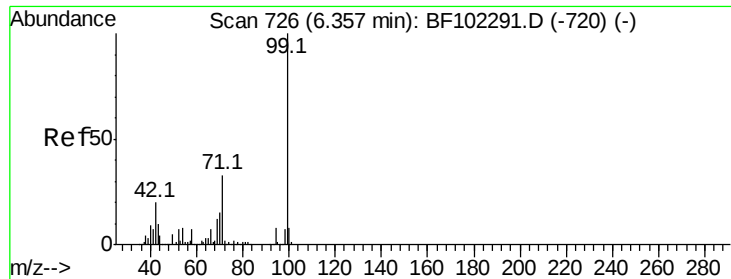
Sohil
1/27/2018 1:46:44 PM



#6
Aniline
Concen: 24.623 ng m
RT: 6.43 min Scan# 739
Delta R.T. 0.05 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395741		
66	41.4	32.2	48.2	
65	20.9	16.4	24.6	





#7

Phenol-d6

Concen: 20.490 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

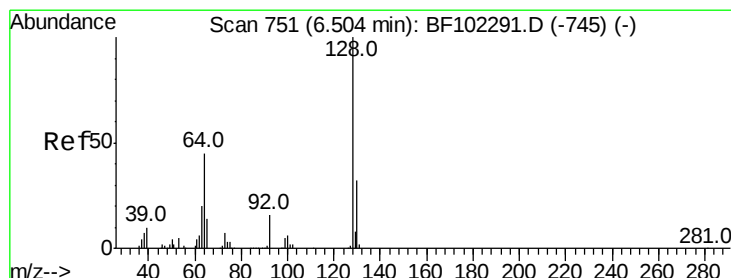
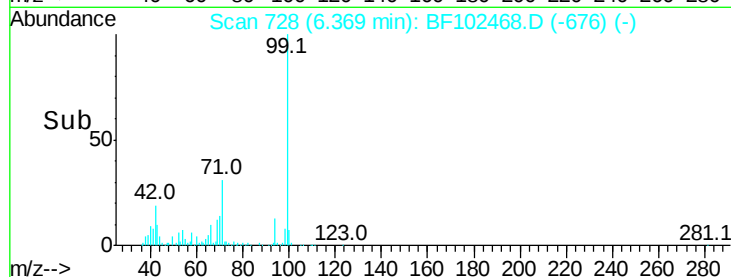
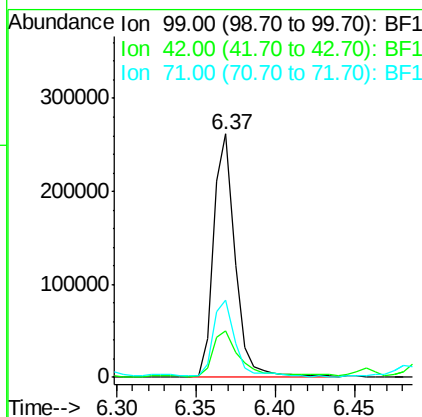
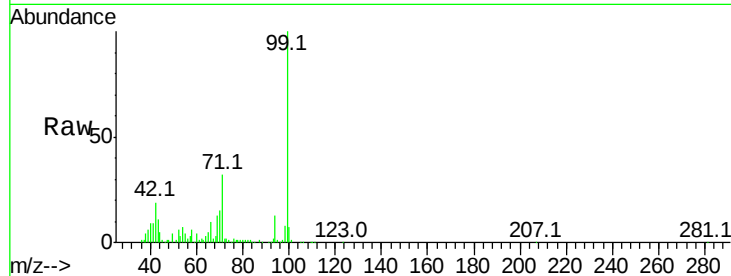
ClientSampleId :

WC-11(0-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		248967		
42	19.1	14.5	21.7		
71	31.7	25.4	38.0		

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#8

2-Chlorophenol

Concen: 43.326 ng

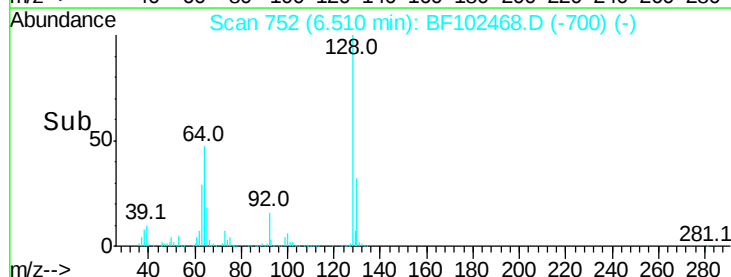
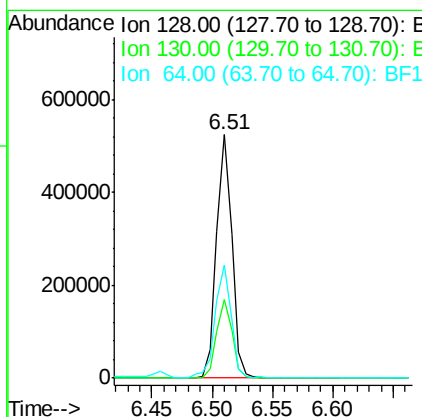
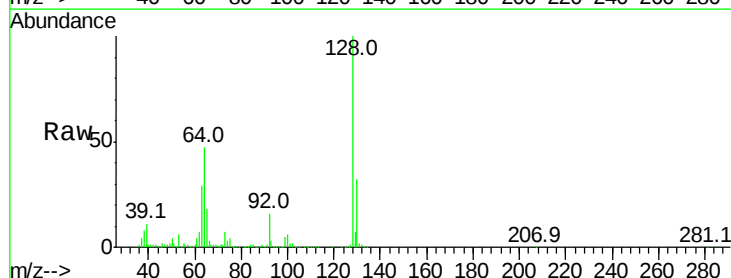
RT: 6.51 min Scan# 752

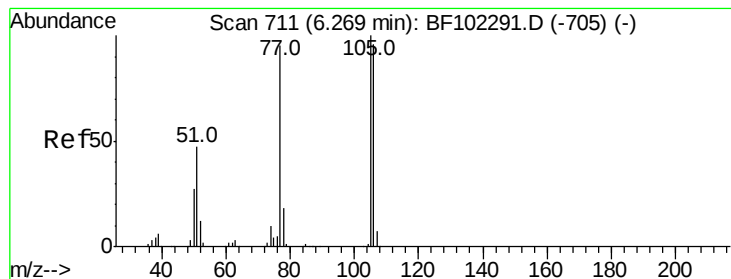
Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		457744		
130	32.1	13.0	53.0		
64	46.6	29.4	69.4		





#9

Benzaldehyde

Concen: 31.228 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

WC-11(0-5)MS

Tot Ion: 77 Resp: 226470

Ion Ratio Lower Upper

77 100

105 149.0 81.1 121.1#

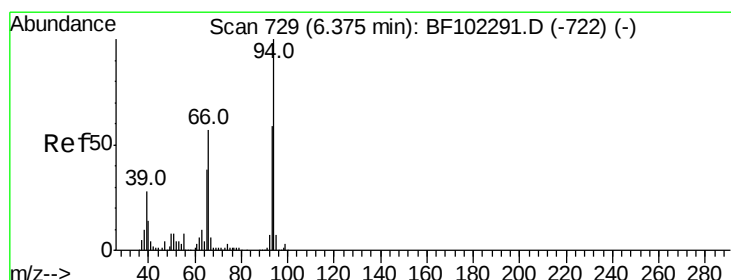
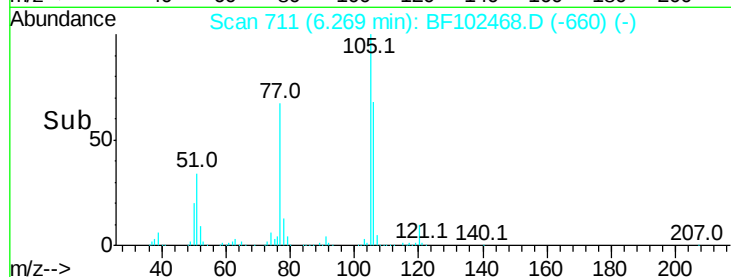
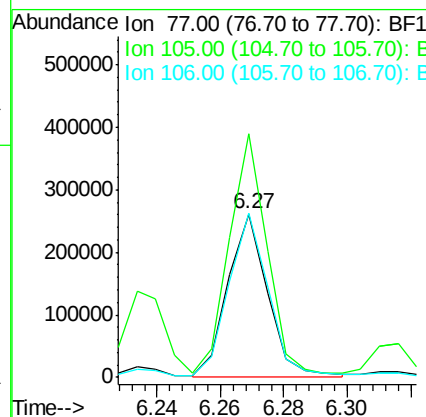
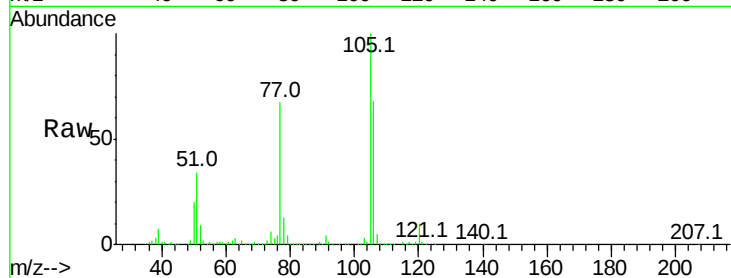
106 100.7 74.5 114.5

Manual Integrations

APPROVED

Sohil

1/27/2018 1:46:44 PM



#10

Phenol

Concen: 46.257 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

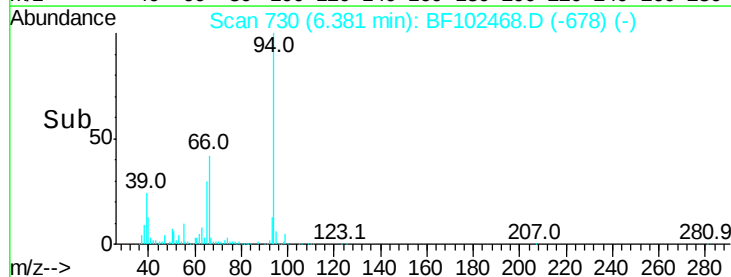
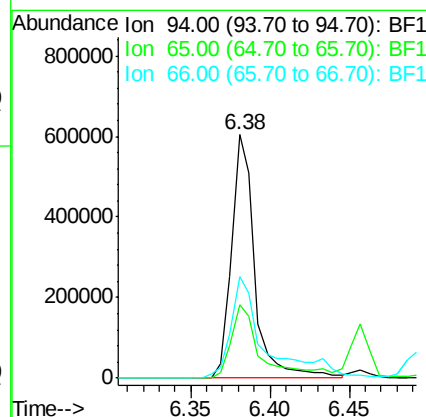
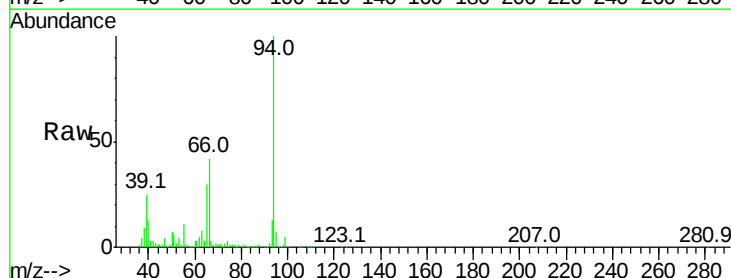
Tgt Ion: 94 Resp: 613611

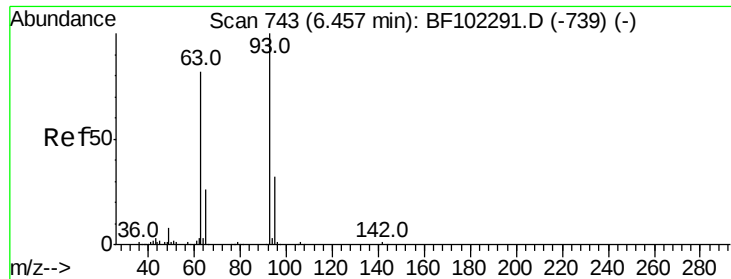
Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

66 41.6 16.2 56.2





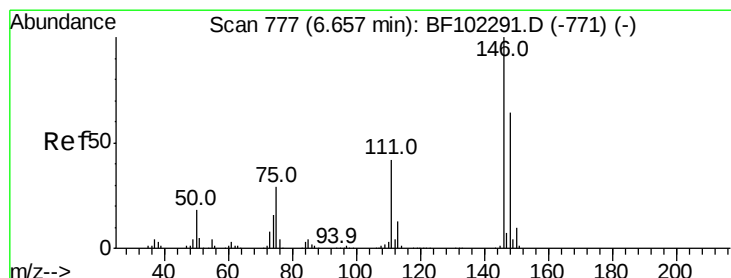
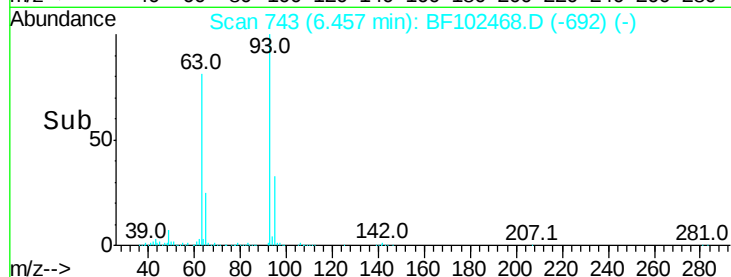
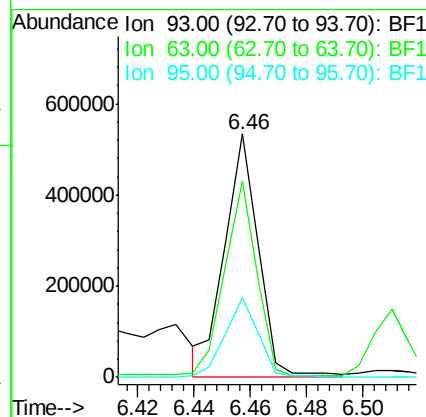
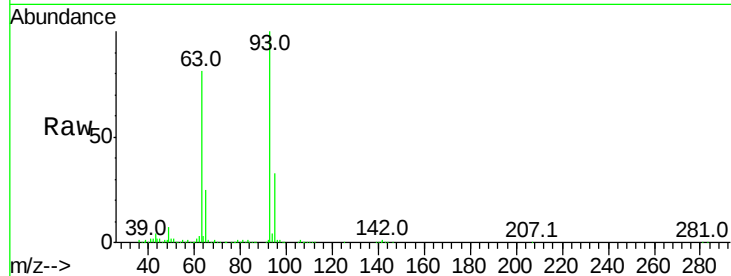
#11
bis(2-Chloroethyl)ether
Concen: 43.612 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	58.6	98.6
95	32.7	11.8	51.8

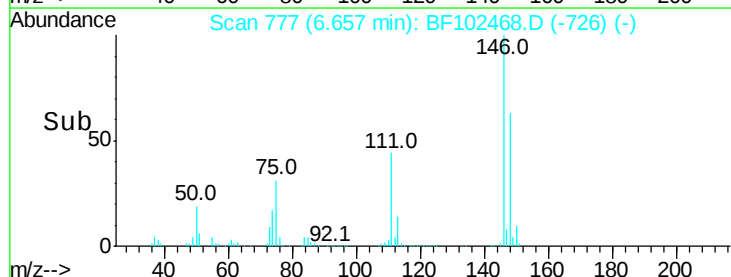
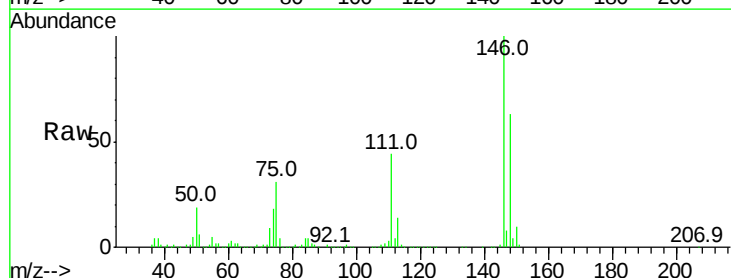
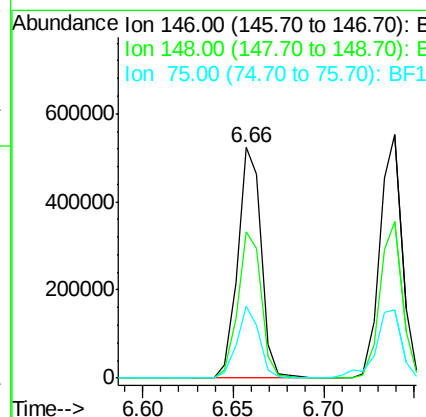
Manual Integrations
APPROVED

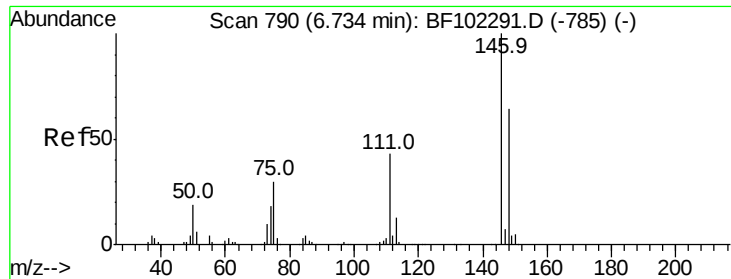
Sohil
1/27/2018 1:46:44 PM



#12
1,3-Dichlorobenzene
Concen: 37.365 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	31.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.389 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

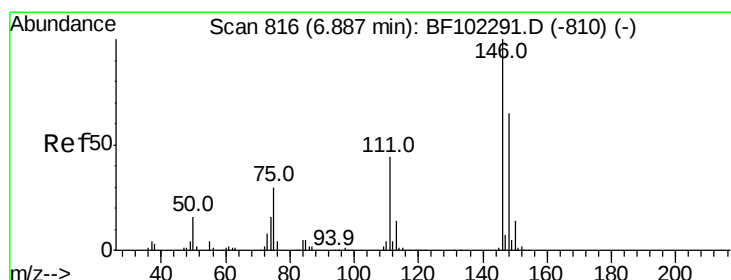
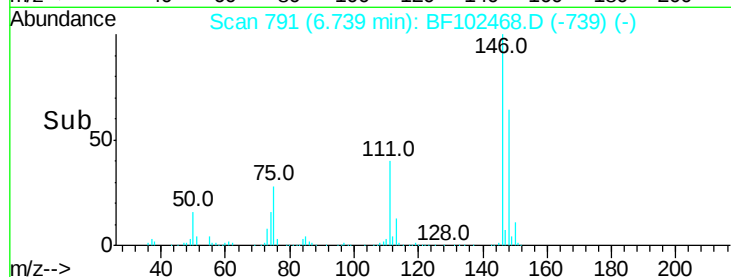
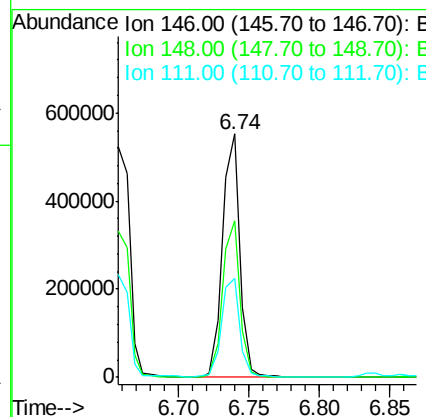
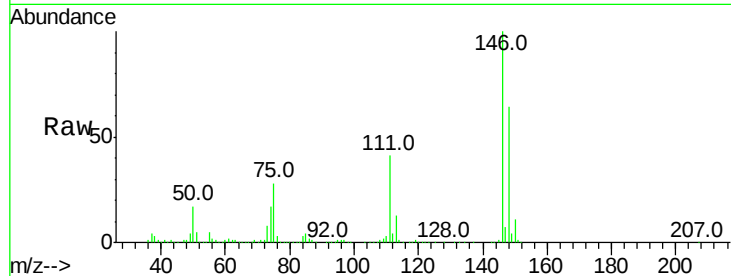
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	146	Resp:	470612
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	40.5	34.2	51.2

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#14

1,2-Dichlorobenzene

Concen: 39.306 ng

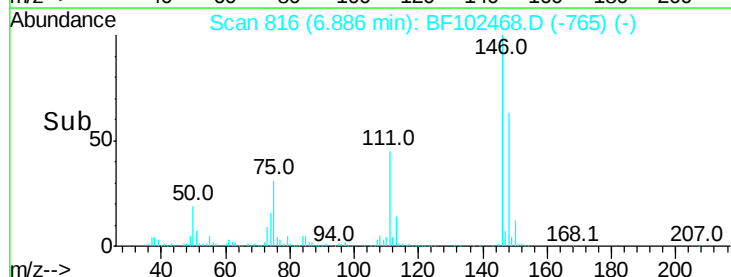
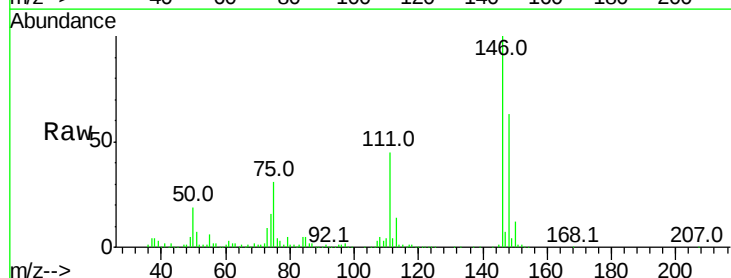
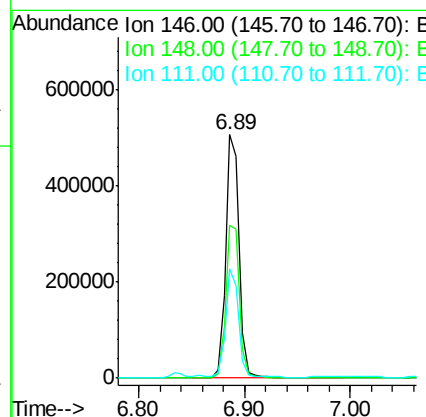
RT: 6.89 min Scan# 816

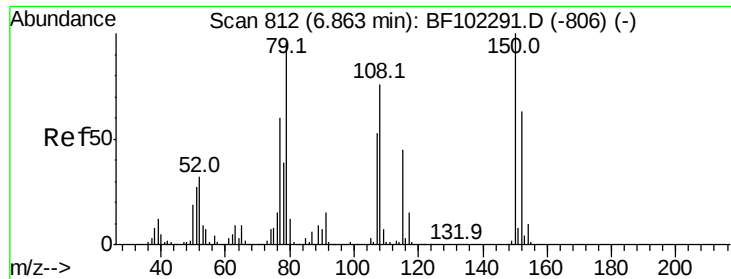
Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	146	Resp:	452534
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	45.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.461 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

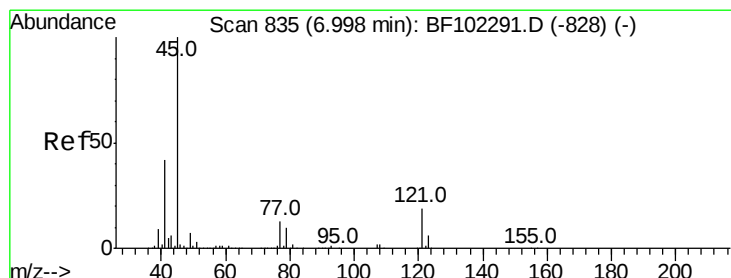
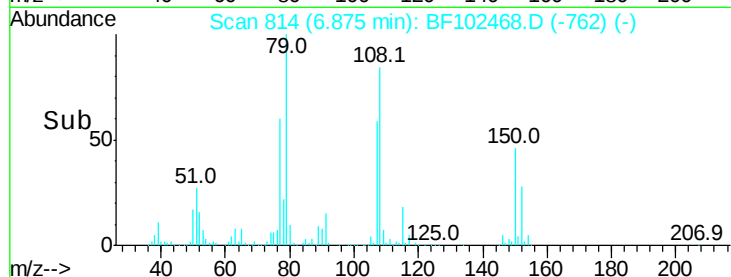
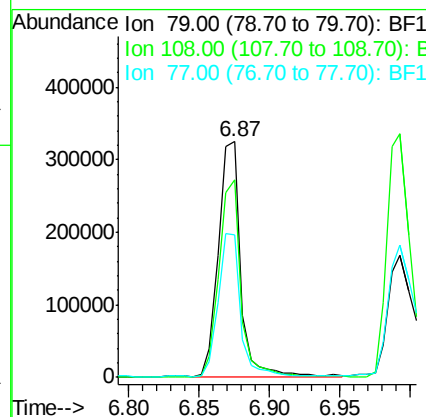
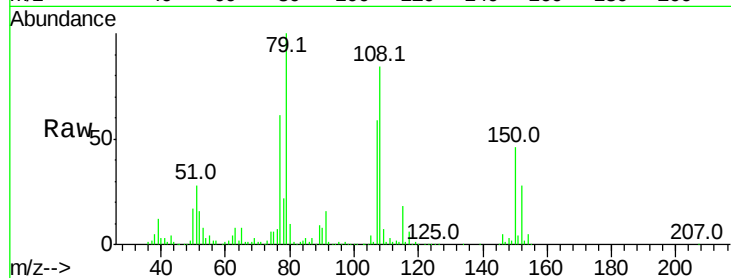
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	79	Resp:	355454
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	60.6	50.6	75.8

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.343 ng

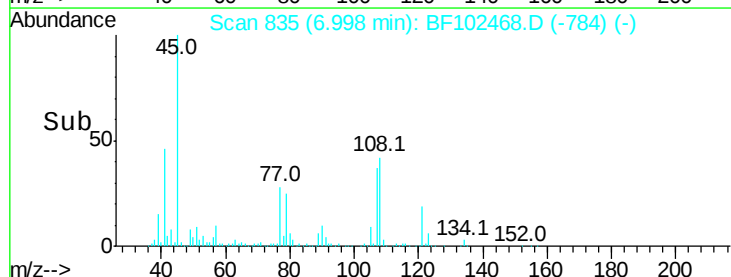
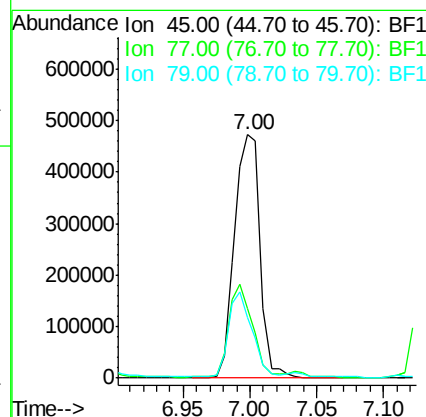
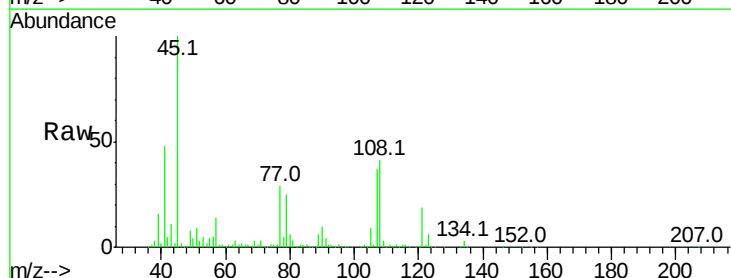
RT: 7.00 min Scan# 835

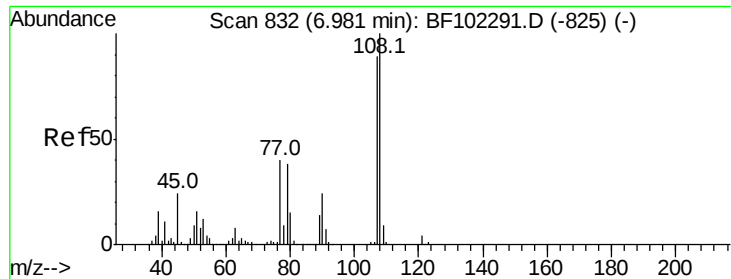
Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	45	Resp:	631897
Ion Ratio	Lower	Upper	
45	100		
77	28.5	0.0	32.9
79	25.0	0.0	29.6





#17

2-Methylphenol

Concen: 37.195 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

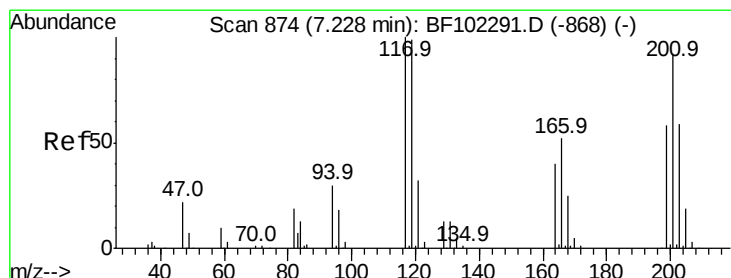
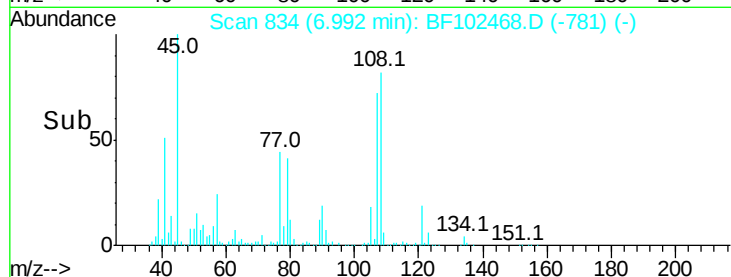
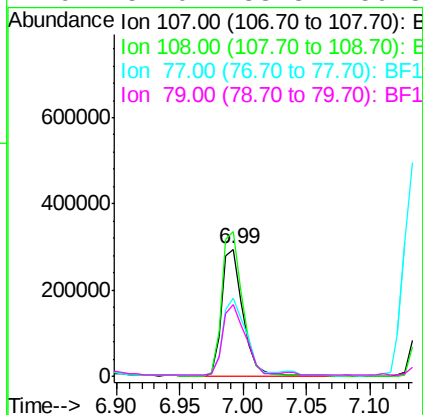
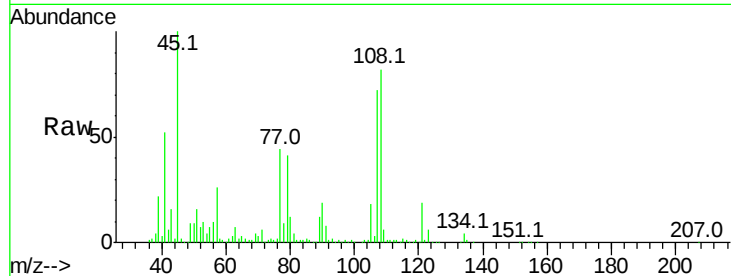
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	107	Resp:	341294
Ion Ratio	Lower	Upper	
107	100		
108	114.1	91.7	137.5
77	61.7	33.8	50.8#
79	57.0	33.8	50.8#

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#18

Hexachloroethane

Concen: 30.870 ng

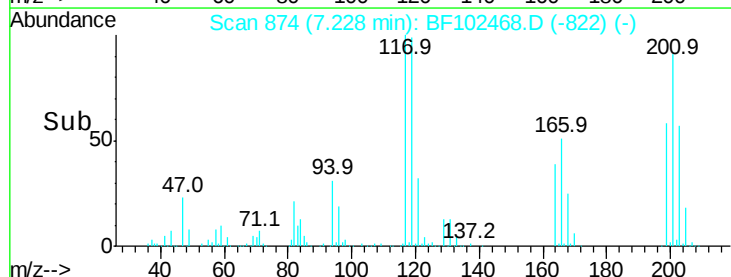
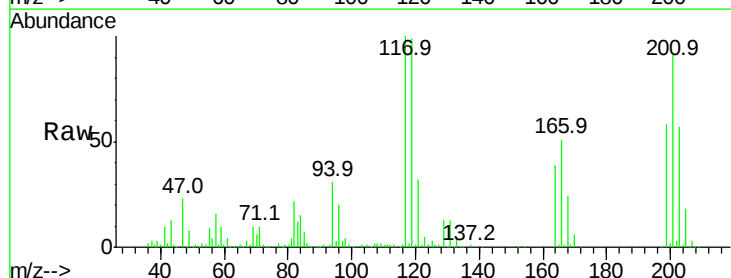
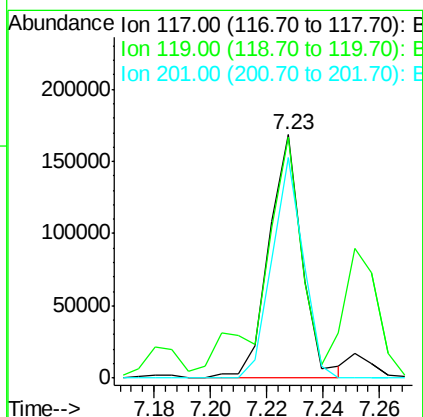
RT: 7.23 min Scan# 874

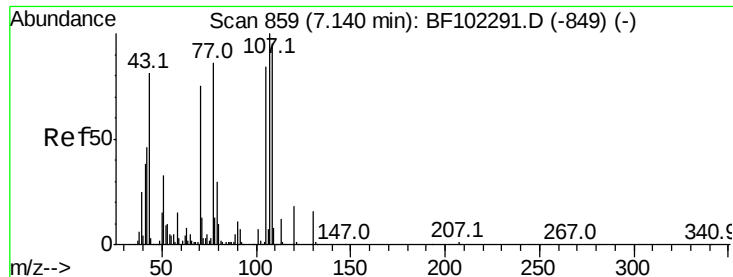
Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	117	Resp:	135400
Ion Ratio	Lower	Upper	
117	100		
119	99.2	75.8	113.8
201	90.7	75.7	113.5





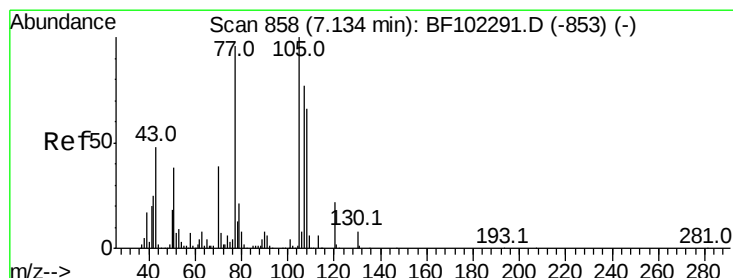
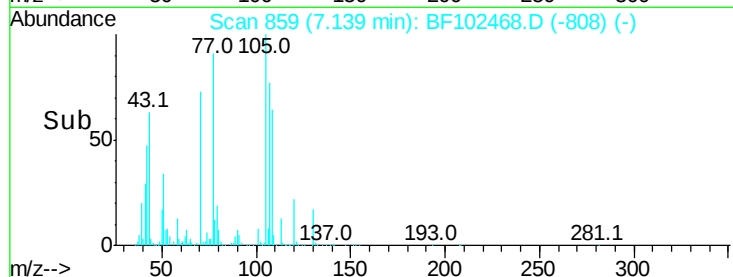
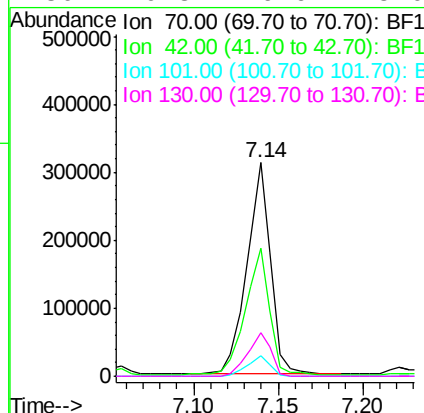
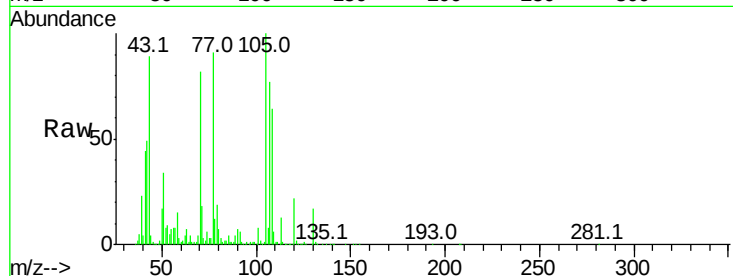
#19
n-Nitroso-di-n-propylamine
Concen: 41.306 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.5	71.3
101	9.5	7.4	11.2
130	20.3	16.6	25.0

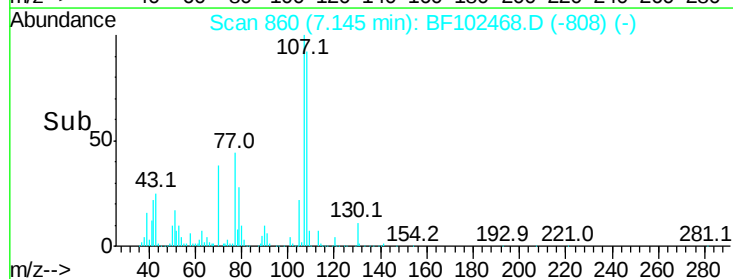
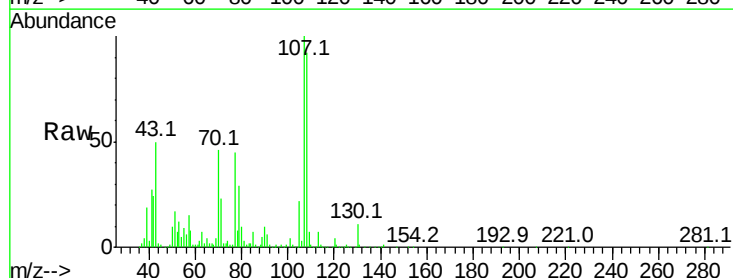
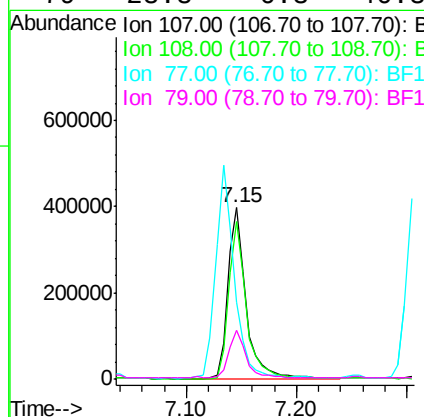
Manual Integrations
APPROVED

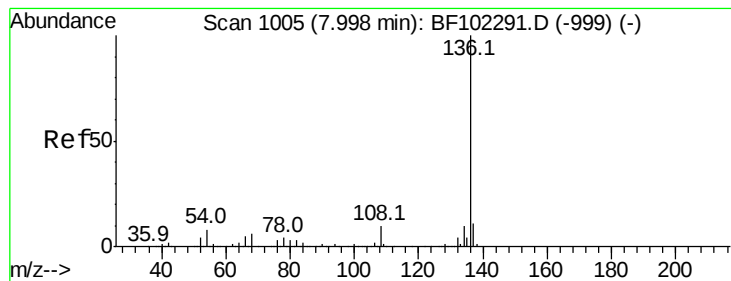
Sohil
1/27/2018 1:46:44 PM



#20
3+4-Methylphenols
Concen: 41.856 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	44.6	26.7	66.7
79	28.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

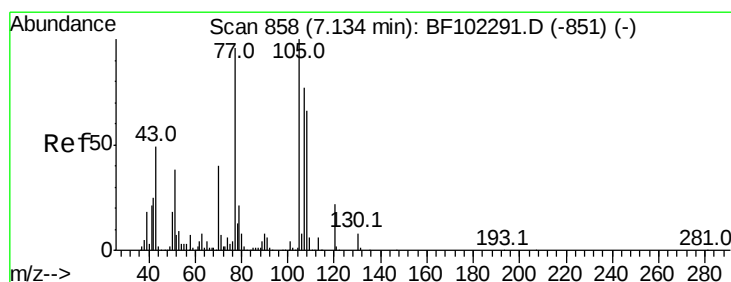
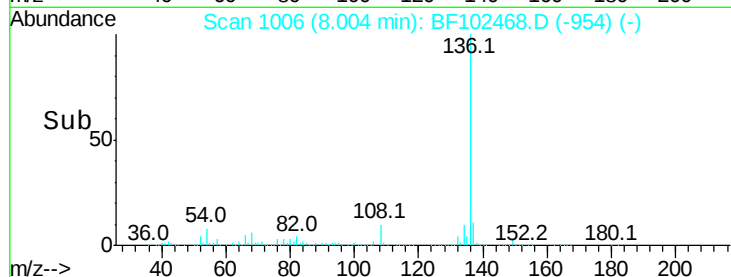
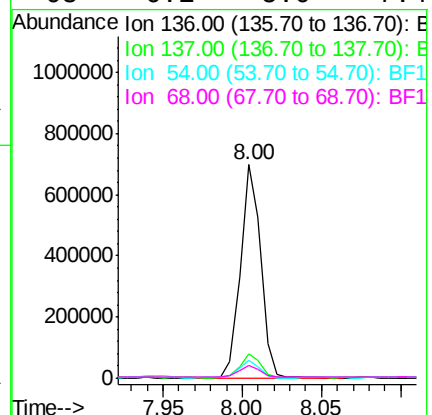
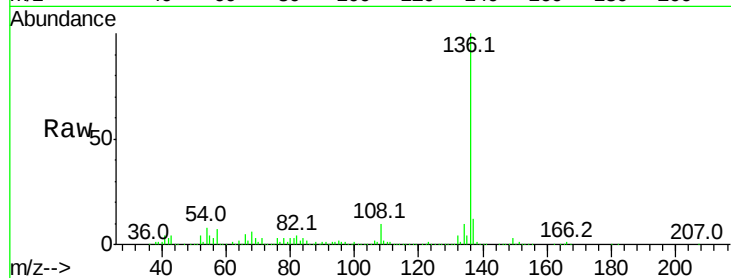
ClientSampleId :

WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	8.3	6.6	9.8	
68	6.1	5.0	7.4	

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#22

Acetophenone

Concen: 42.126 ng

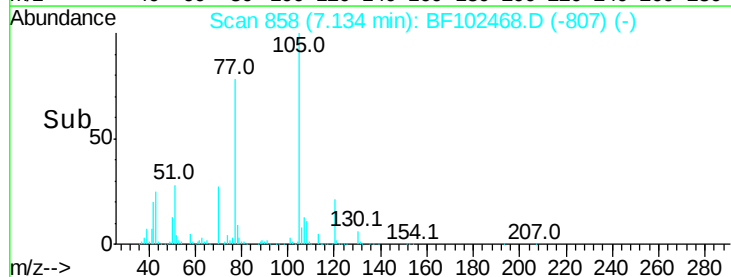
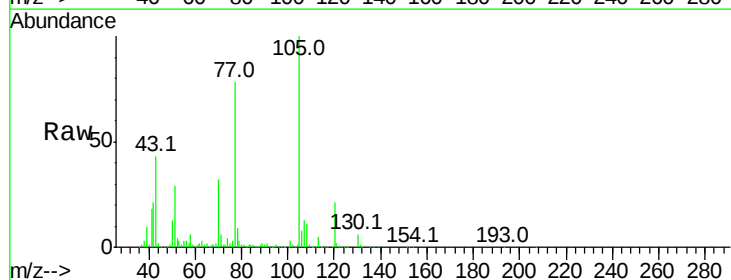
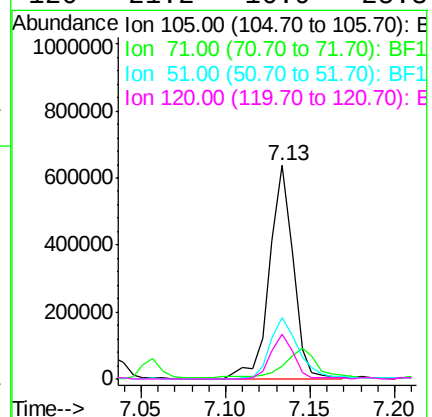
RT: 7.13 min Scan# 858

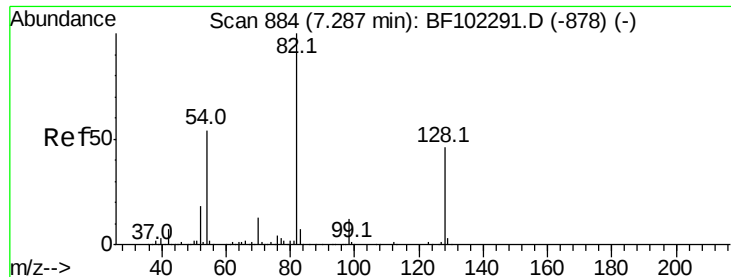
Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.0	4.4	6.6	
51	28.5	22.3	33.5	
120	21.2	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 13.293 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

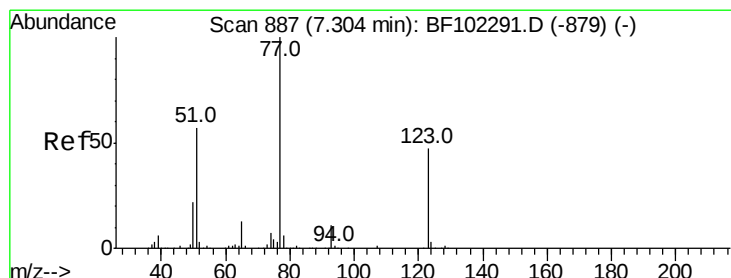
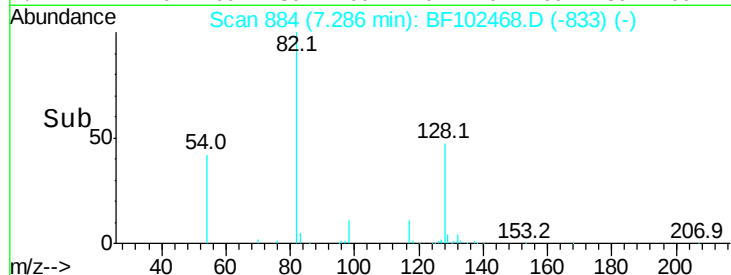
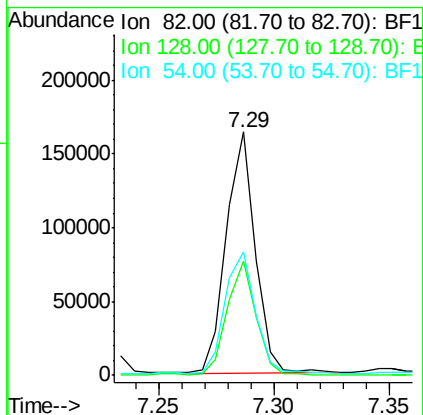
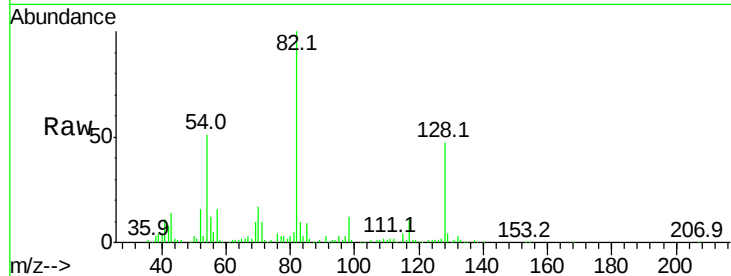
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	82	Resp:	142860
Ion Ratio	Lower	Upper	
82	100		
128	46.7	36.1	54.1
54	50.6	41.4	62.2

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#24

Nitrobenzene

Concen: 39.086 ng

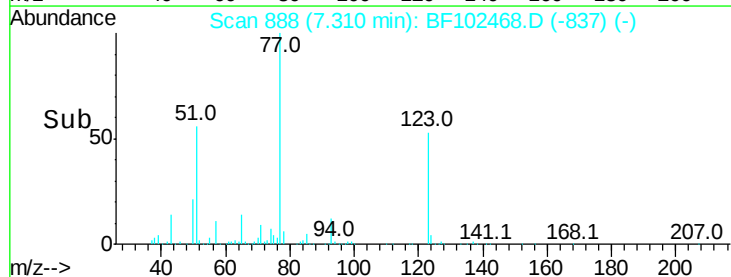
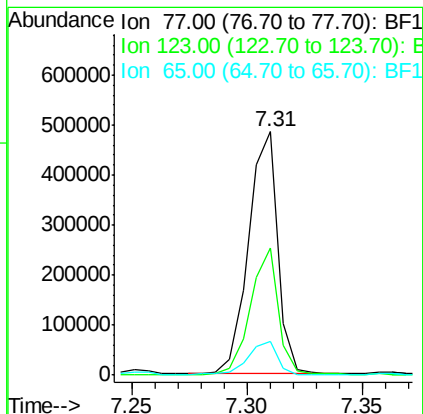
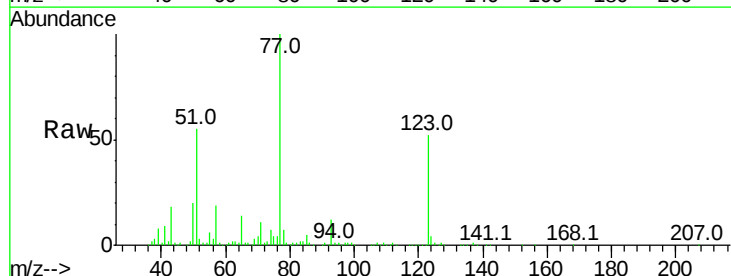
RT: 7.31 min Scan# 888

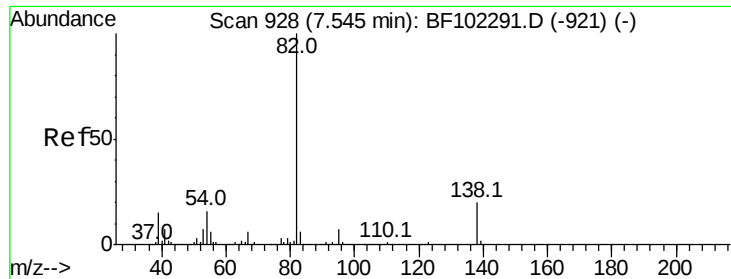
Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	77	Resp:	429880
Ion Ratio	Lower	Upper	
77	100		
123	52.4	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 42.378 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

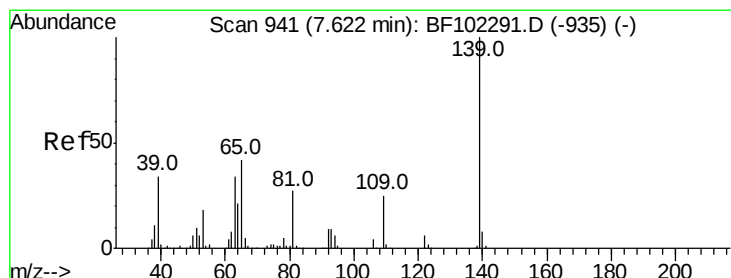
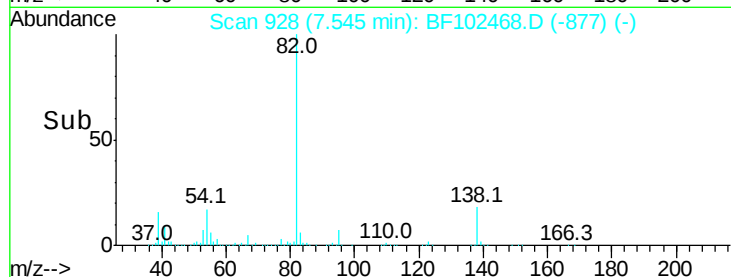
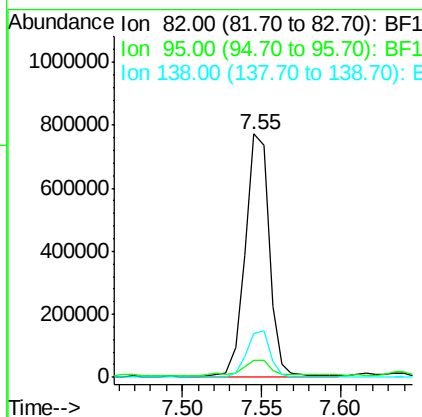
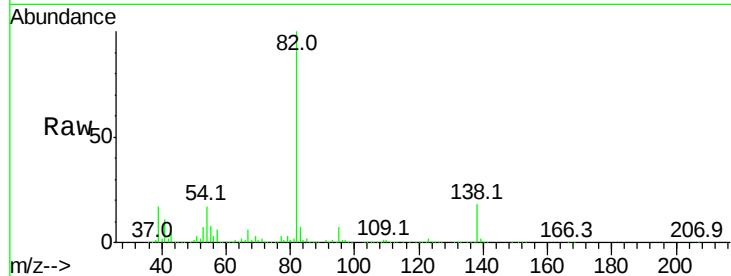
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	82	Resp:	811931
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.9	14.9	22.3

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#26

2-Nitrophenol

Concen: 20.568 ng

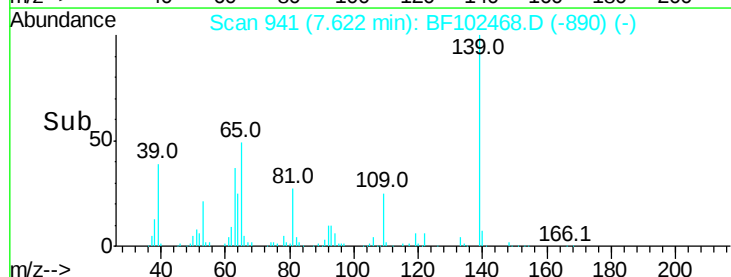
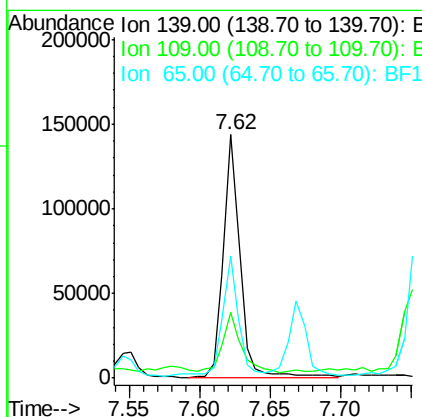
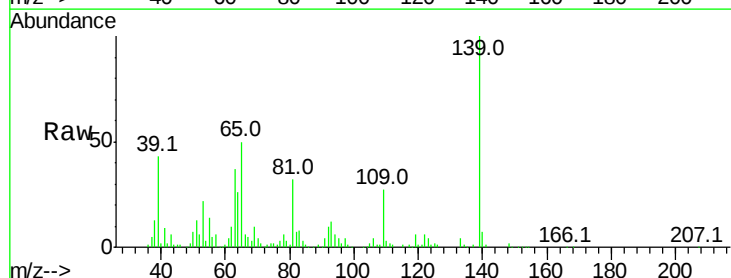
RT: 7.62 min Scan# 941

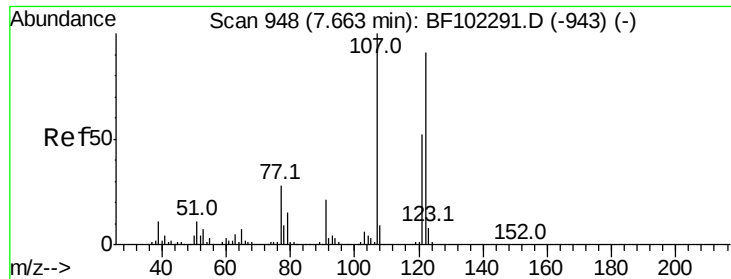
Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	139	Resp:	119057
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	50.0	40.5	60.7





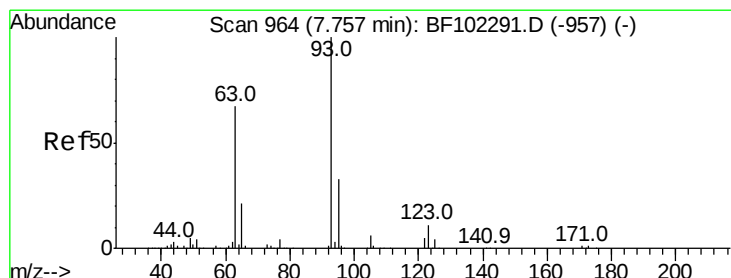
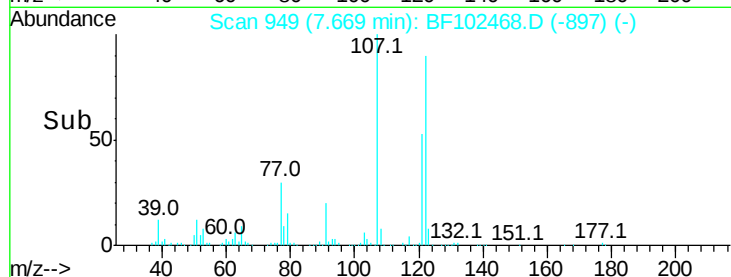
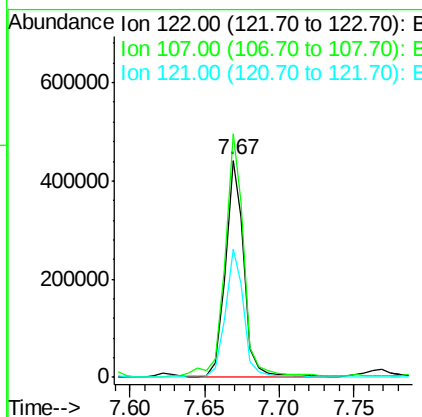
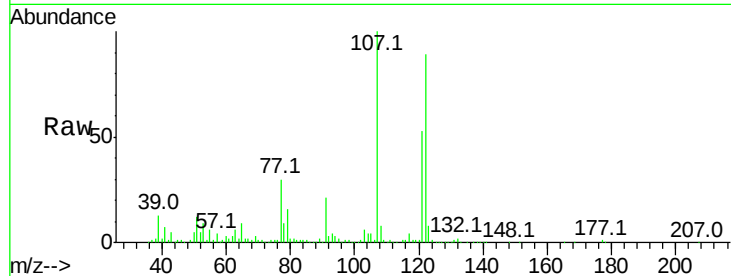
#27
 2,4-Dimethylphenol
 Concen: 45.915 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	385922		
107	112.3	91.2	136.8	
121	59.5	47.2	70.8	

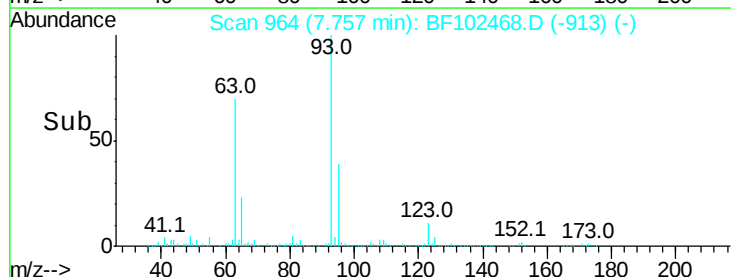
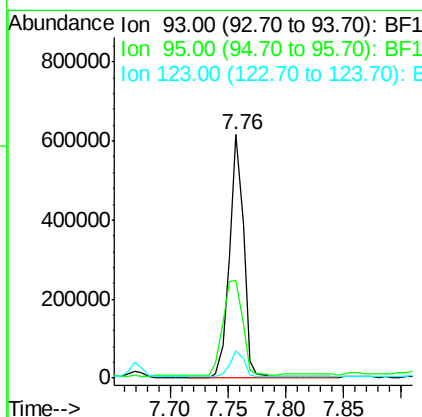
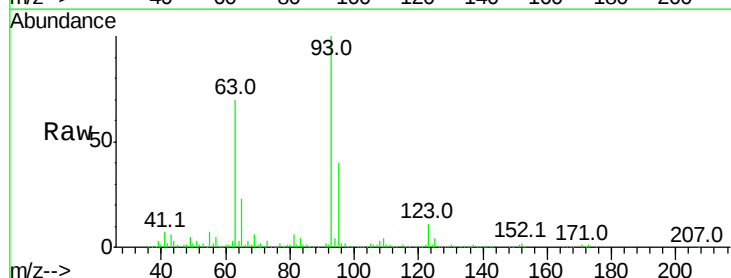
Manual Integrations
 APPROVED

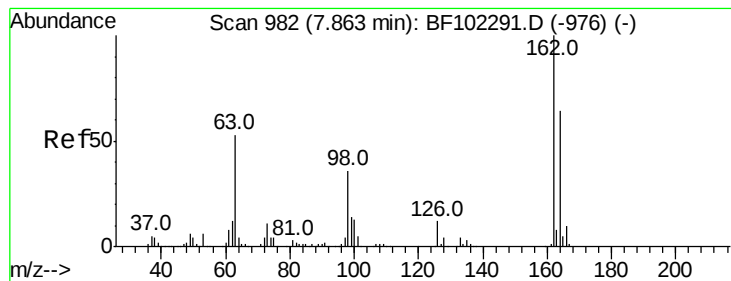
Sohil
 1/27/2018 1:46:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.220 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	523368		
95	40.4	26.3	39.5#	
123	11.1	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 43.173 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

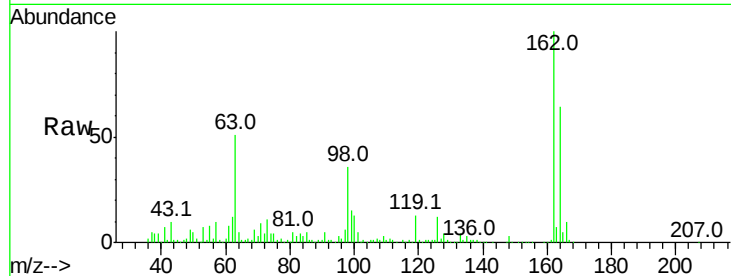
ClientSampleId :

WC-11(0-5)MS

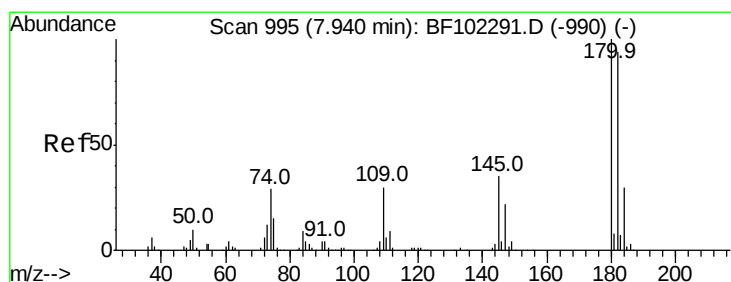
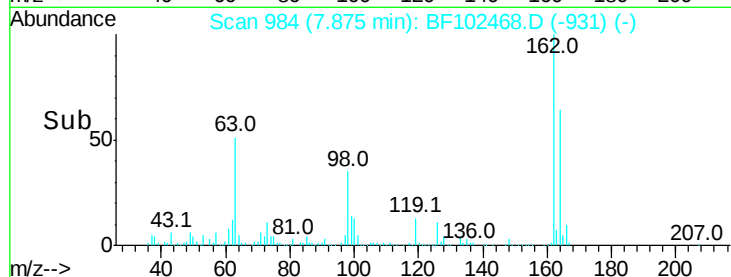
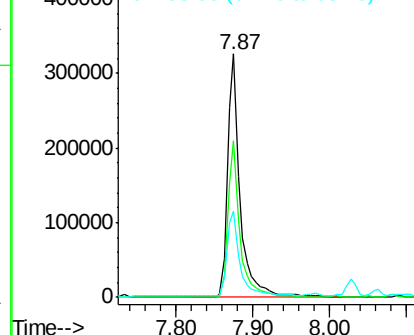
Tot Ion:	162	Resp:	369635
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	35.5	18.1	58.1

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.602 ng

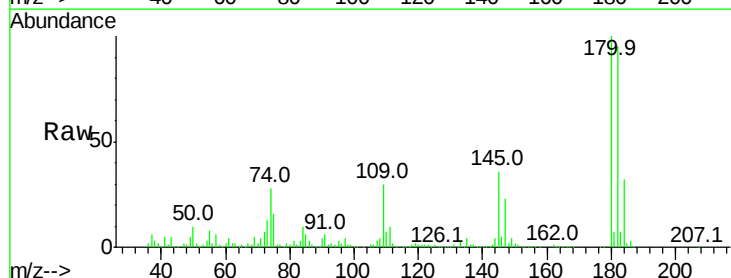
RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

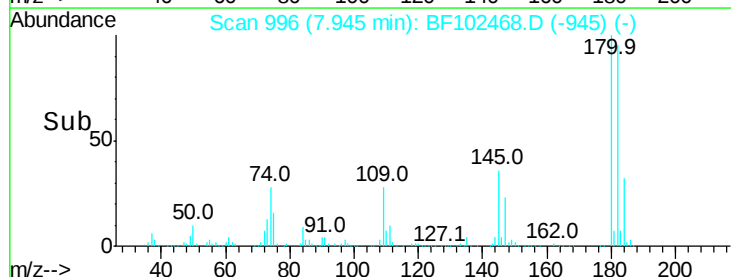
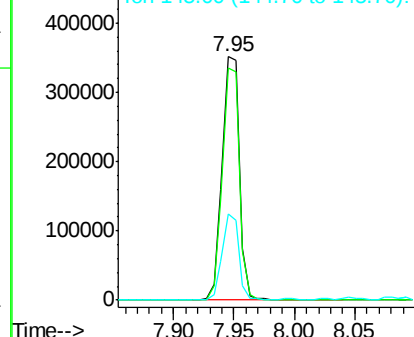
Lab File: BF102468.D

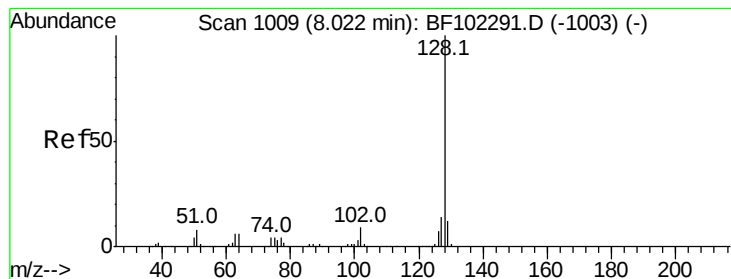
Acq: 26 Jan 2018 15:06

Tgt Ion:	180	Resp:	345101
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.8	115.2
145	35.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.836 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MS

Tot Ion:128 Resp: 1536736

Ion Ratio Lower Upper

128 100

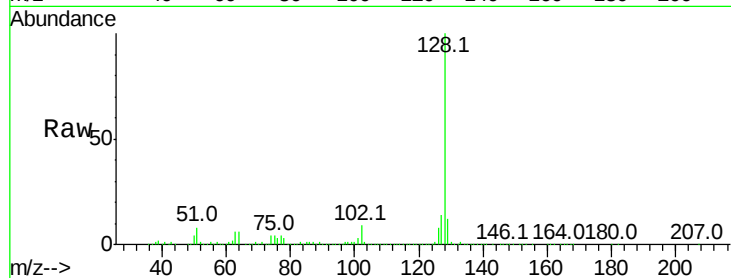
129 11.7 8.8 13.2

127 13.6 10.9 16.3

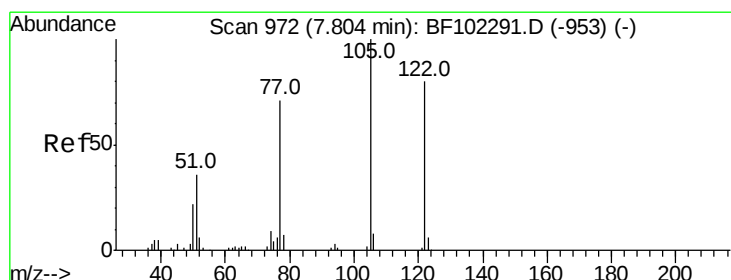
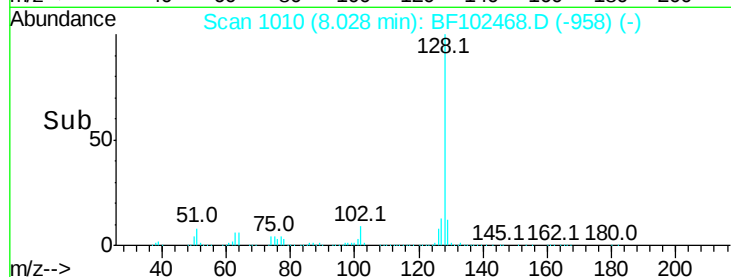
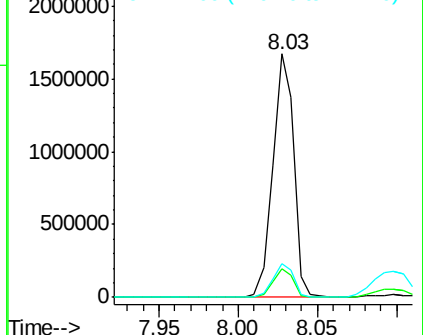
Manual Integrations
APPROVED

Sohil

1/27/2018 1:46:44 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: 2.409 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

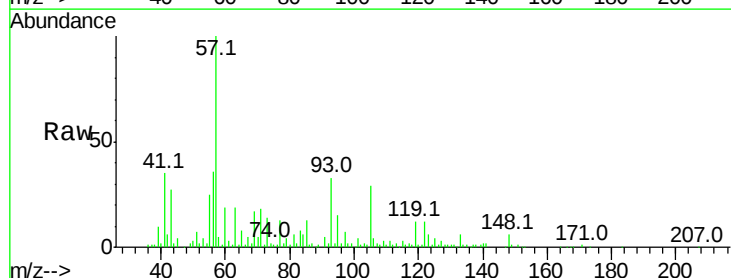
Tgt Ion:122 Resp: 16964

Ion Ratio Lower Upper

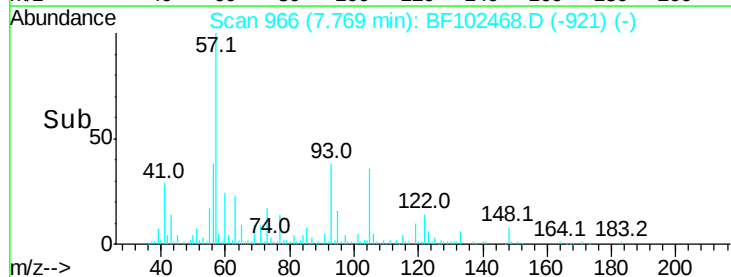
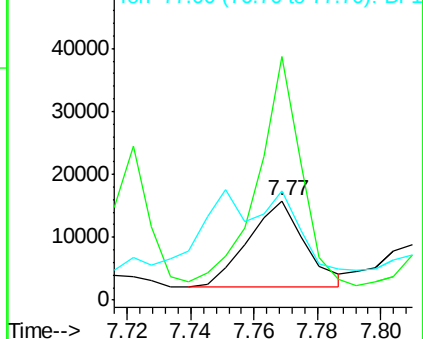
122 100

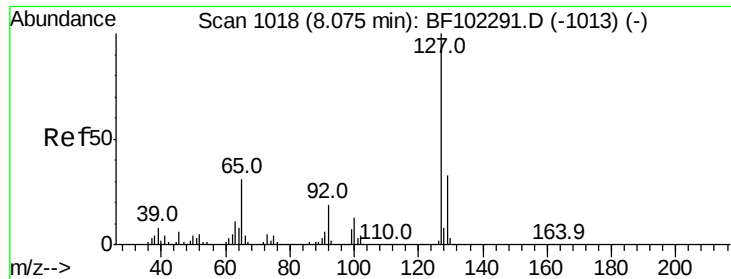
105 245.6 101.1 141.1#

77 110.6 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





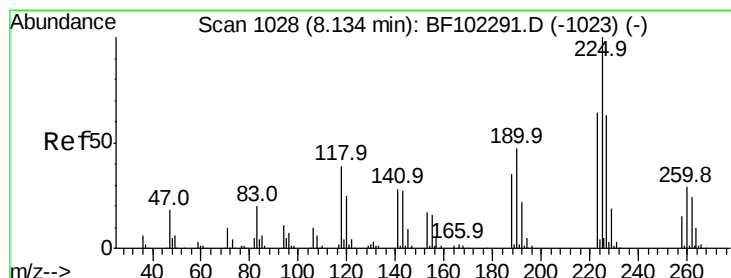
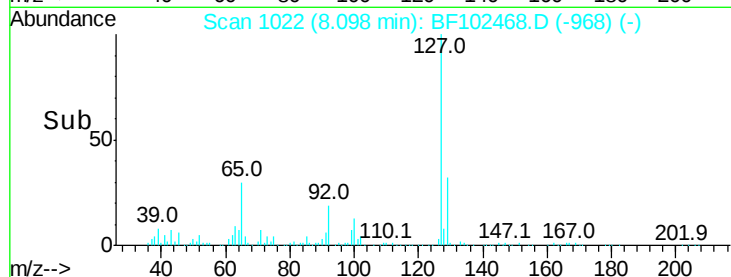
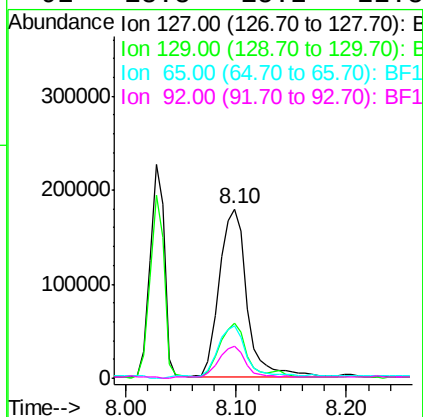
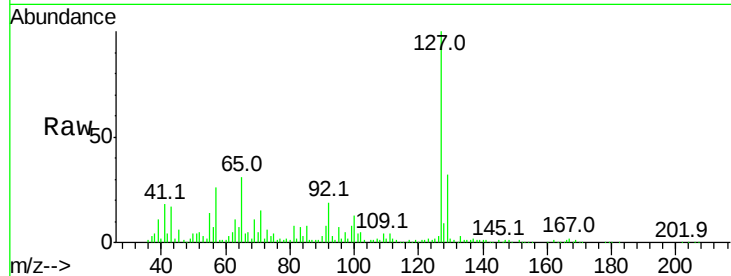
#33
4-Chloroaniline
Concen: 23.934 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	30.8	25.0	37.4	
92	18.8	15.2	22.8	

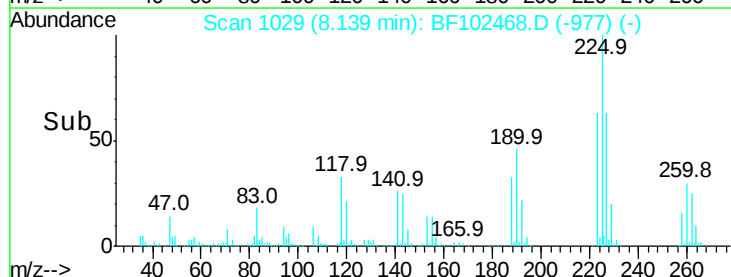
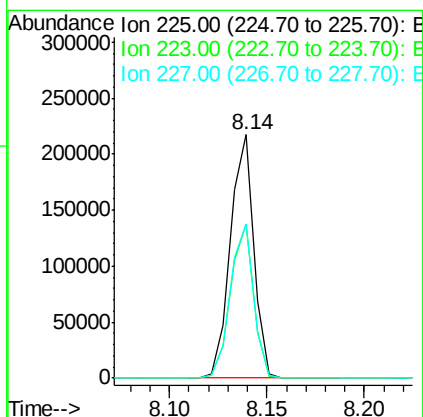
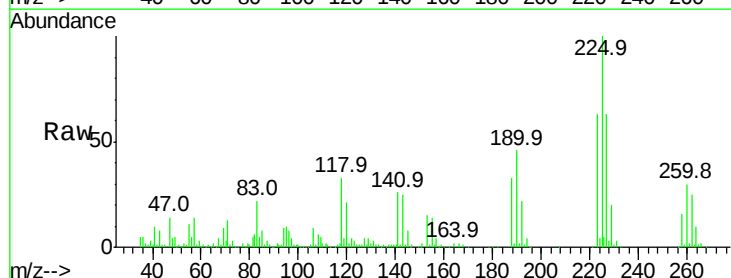
Manual Integrations
APPROVED

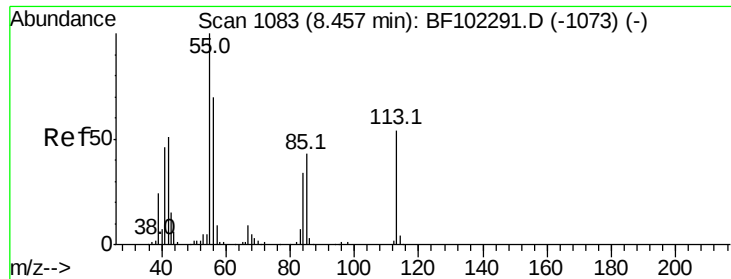
Sohil
1/27/2018 1:46:44 PM



#34
Hexachlorobutadiene
Concen: 36.736 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	63.2	51.9	77.9	





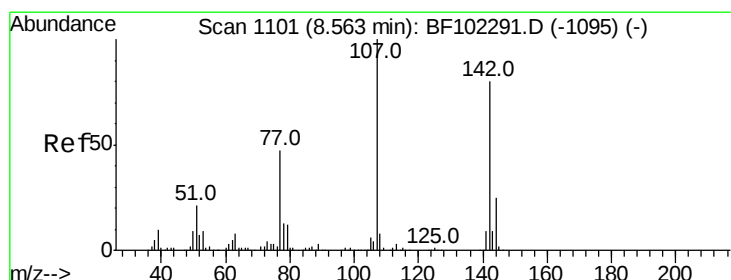
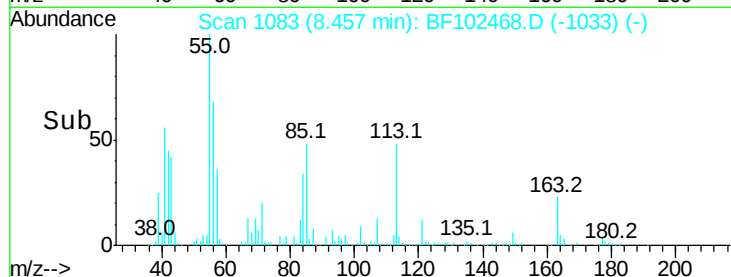
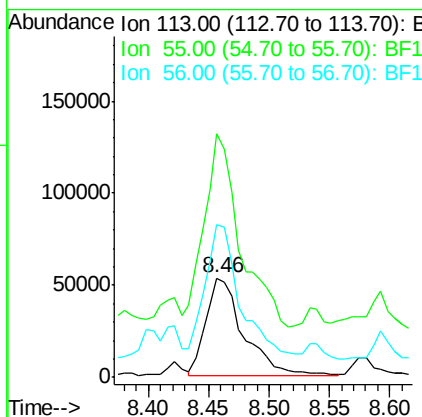
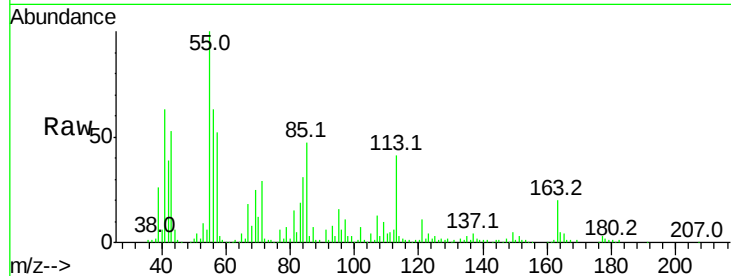
#35
 Caprolactam
 Concen: 40.330 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	245.5	163.3	203.3#
56	153.8	115.7	155.7

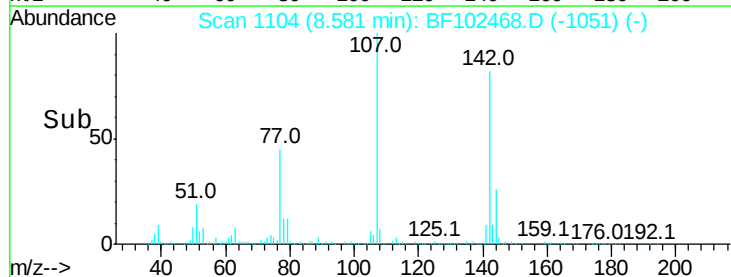
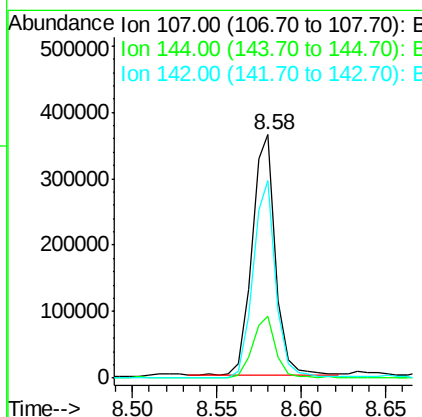
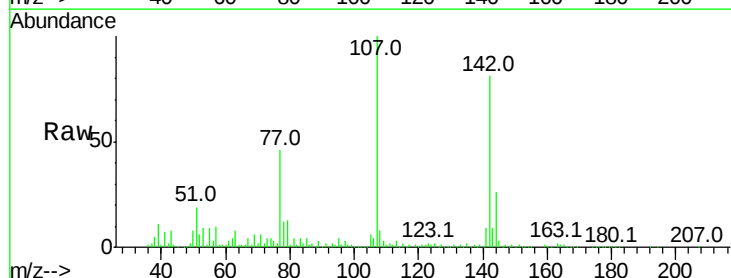
Manual Integrations
 APPROVED

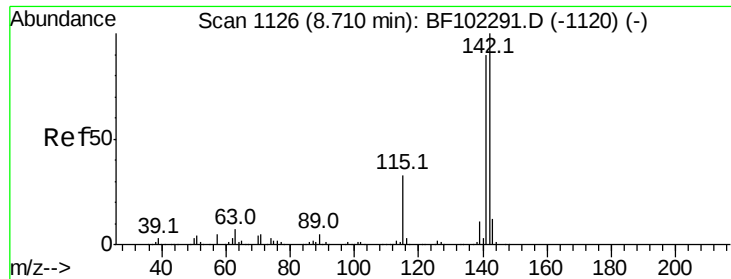
Sohil
 1/27/2018 1:46:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.131 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	81.1	62.0	93.0





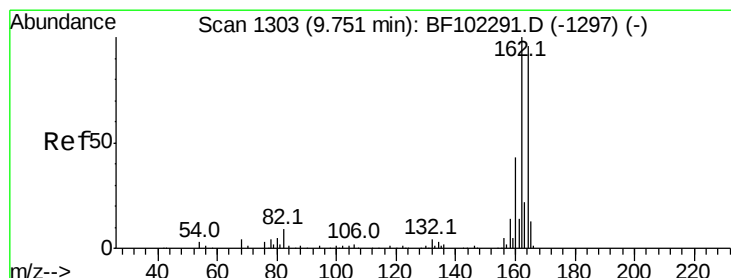
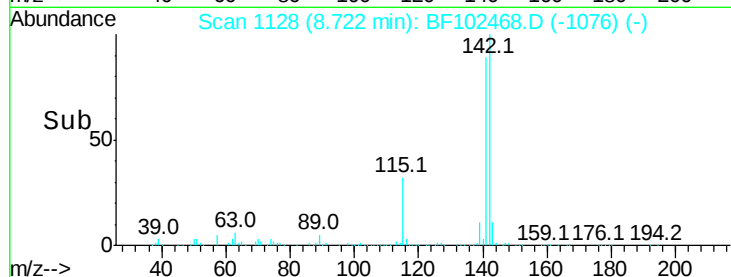
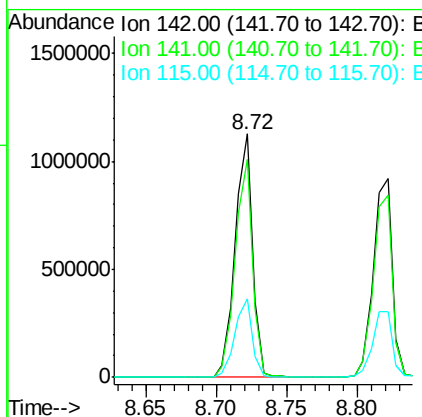
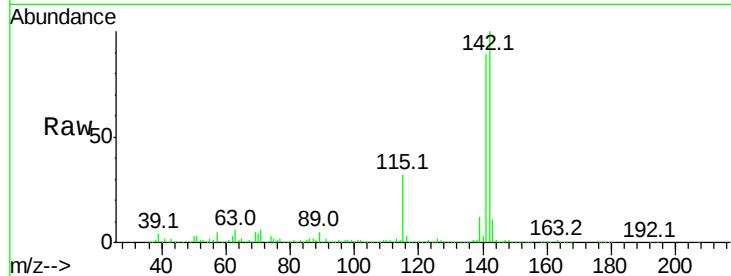
#37
2-Methylnaphthalene
Concen: 47.158 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	32.4	26.1	39.1

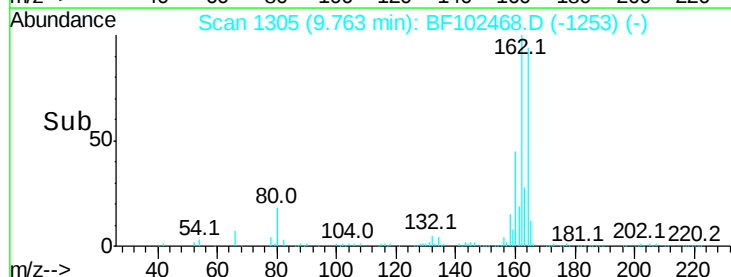
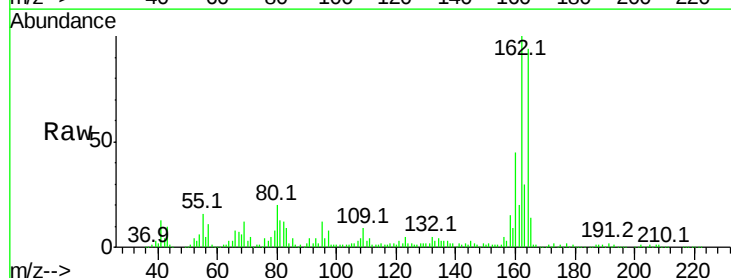
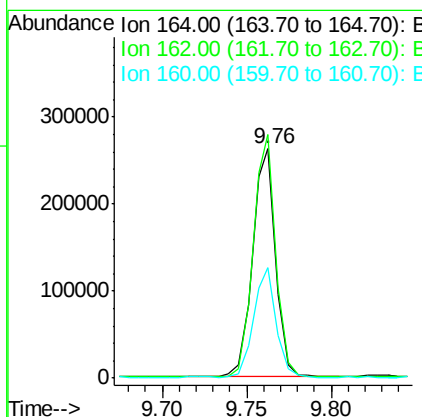
Manual Integrations
APPROVED

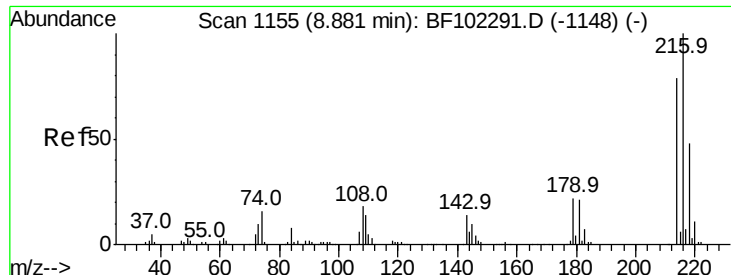
Sohil
1/27/2018 1:46:44 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.0	38.3	57.5





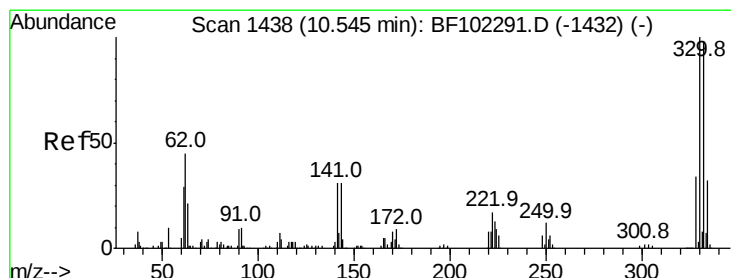
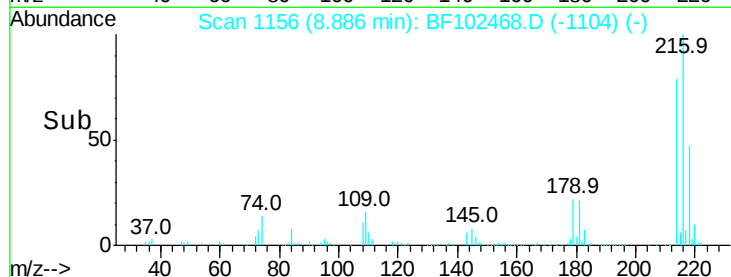
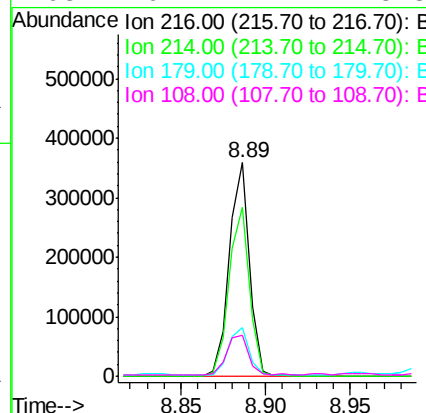
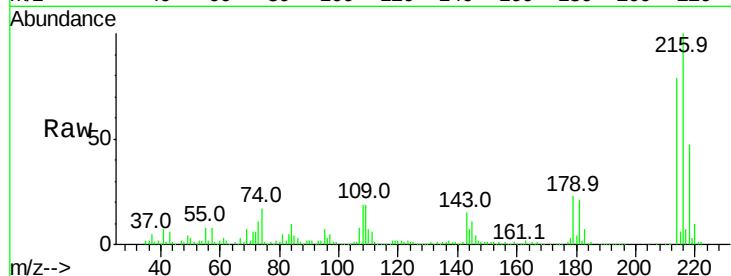
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.608 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	297263		
214	80.5	63.0	94.4	
179	23.0	18.1	27.1	
108	20.1	17.2	25.8	

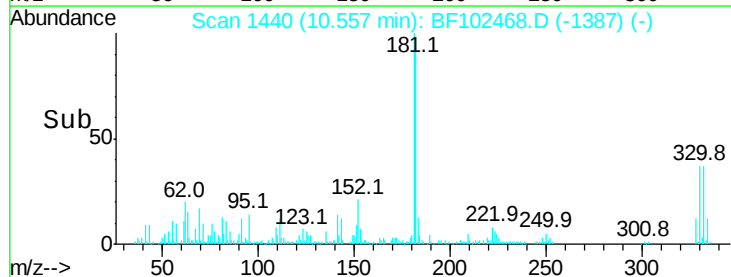
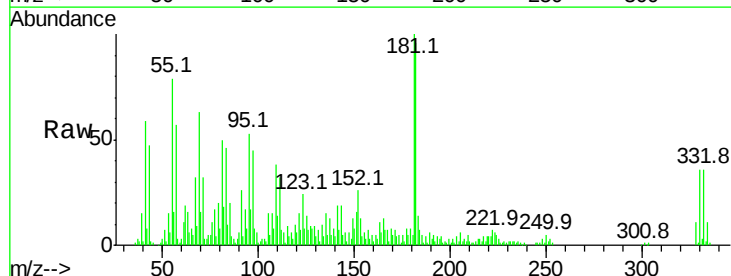
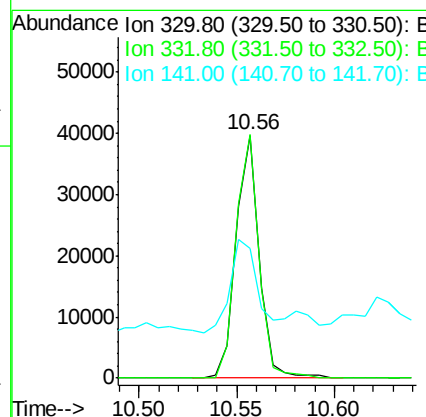
Manual Integrations
 APPROVED

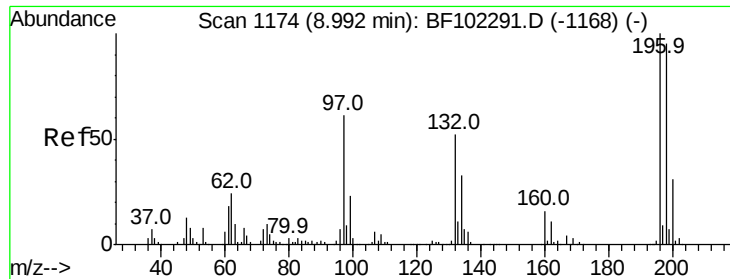
Sohil
 1/27/2018 1:46:44 PM



#41
 2,4,6-Tribromophenol
 Concen: 13.250 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	32750		
332	99.3	77.0	115.6	
141	44.3	29.9	44.9	





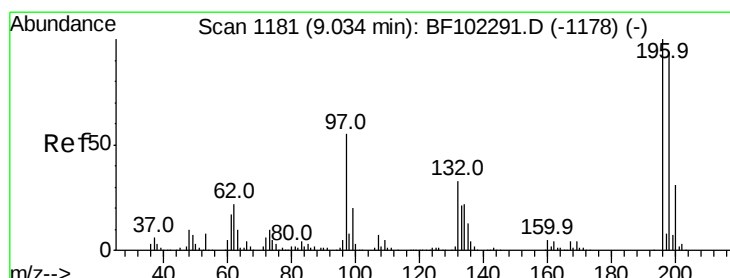
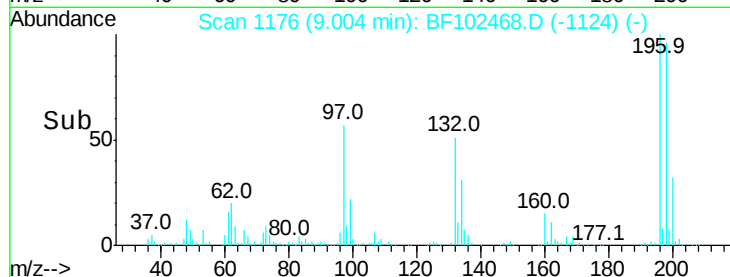
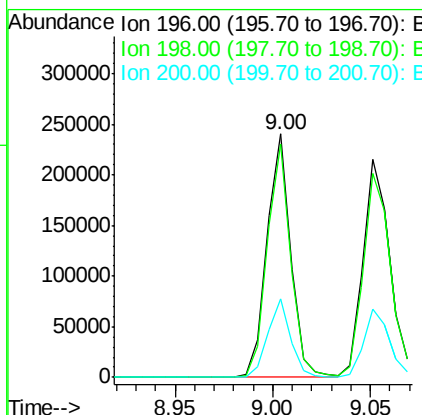
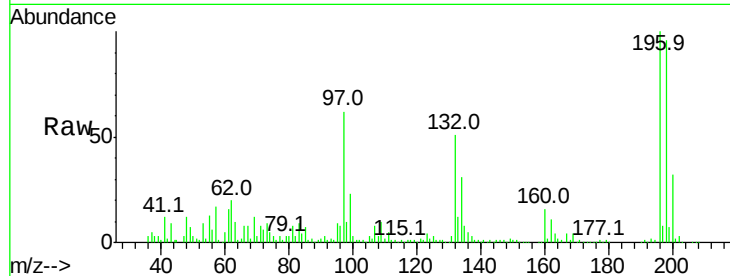
#42
 2,4,6-Trichlorophenol
 Concen: 40.522 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203587		
198	96.0	75.7	113.5	
200	32.0	24.5	36.7	

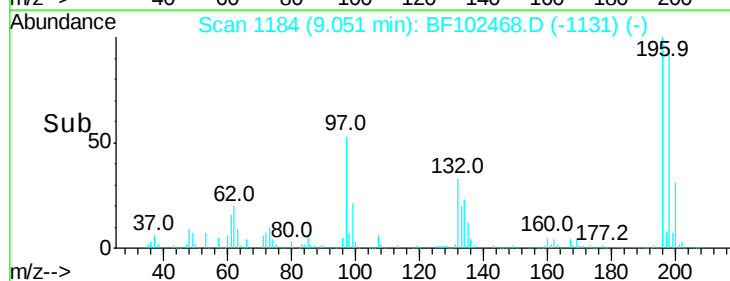
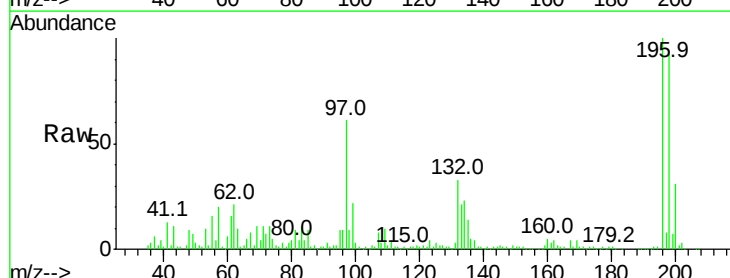
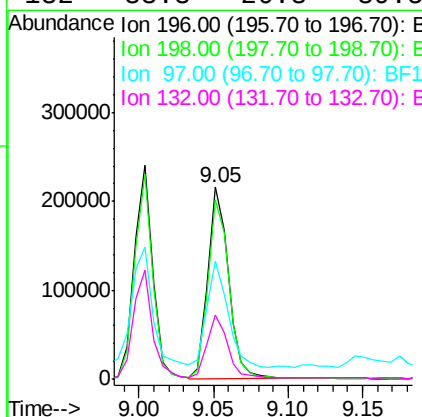
Manual Integrations
 APPROVED

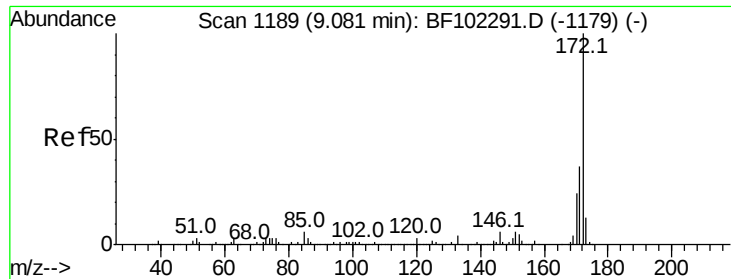
Sohil
 1/27/2018 1:46:44 PM



#43
 2,4,5-Trichlorophenol
 Concen: 36.724 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207737		
198	93.6	74.6	112.0	
97	61.4	42.9	64.3	
132	33.3	26.3	39.5	





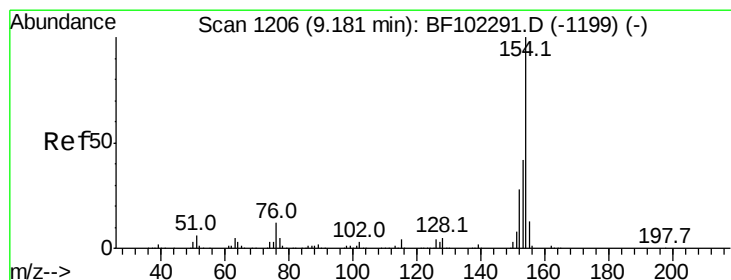
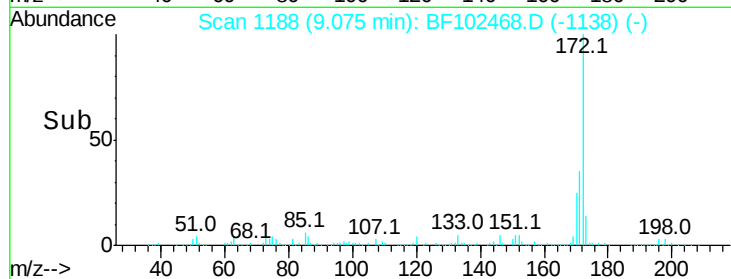
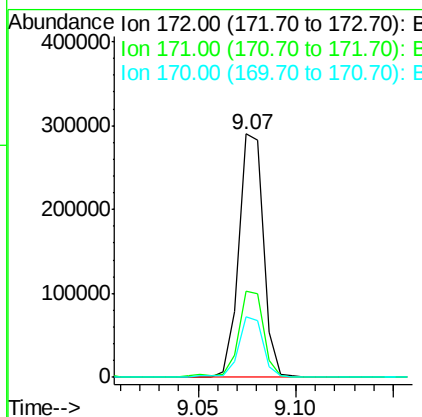
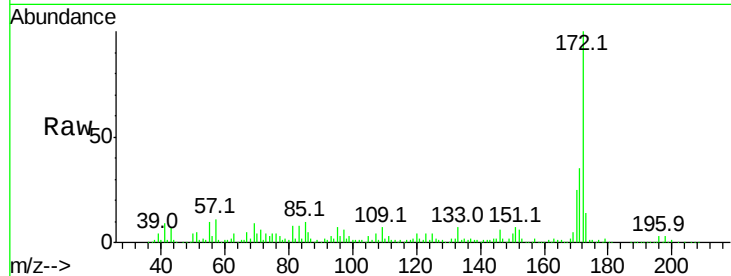
#44
2-Fluorobiphenyl
Concen: 14.939 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	253456		
171	35.5		29.7	44.5
170	24.7		19.6	29.4

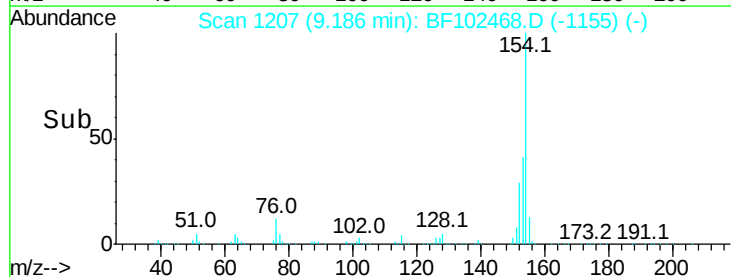
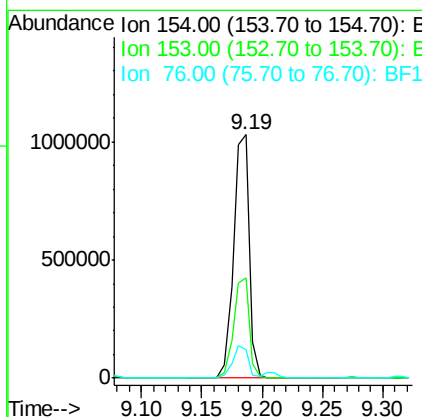
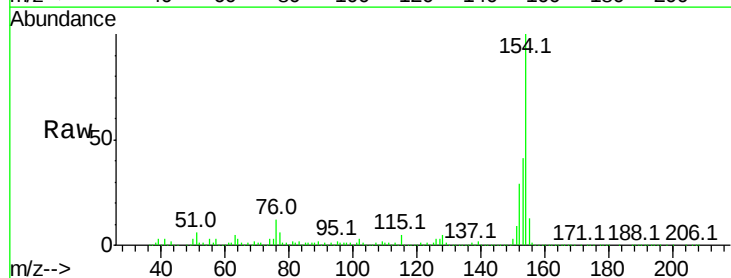
Manual Integrations
APPROVED

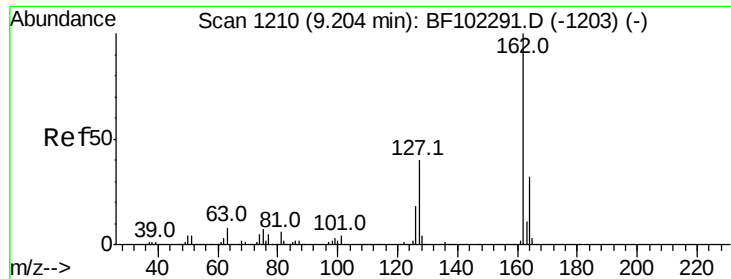
Sohil
1/27/2018 1:46:44 PM



#45
1,1'-Biphenyl
Concen: 41.707 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	930291		
153	41.3		21.3	61.3
76	12.0		0.0	34.0





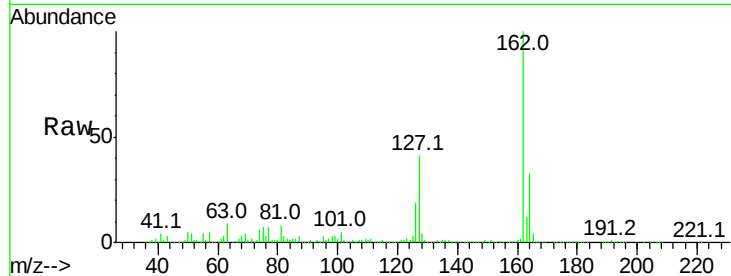
#46
2-Chloronaphthalene
Concen: 38.031 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampled :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	33.0	26.5	39.7

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM

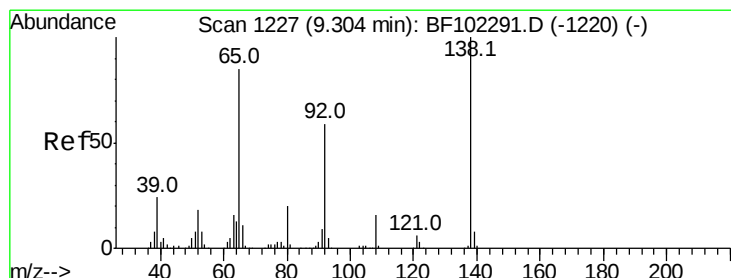
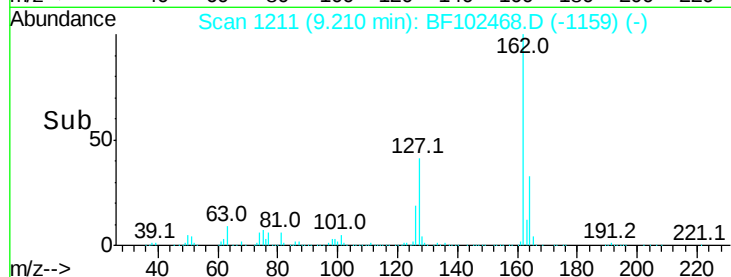
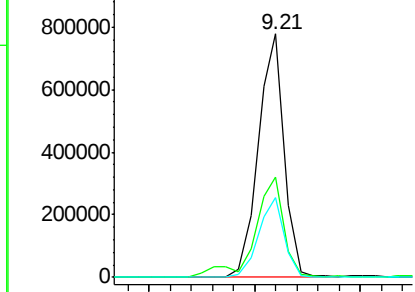


Abundance

Ion 162.00 (161.70 to 162.70): E

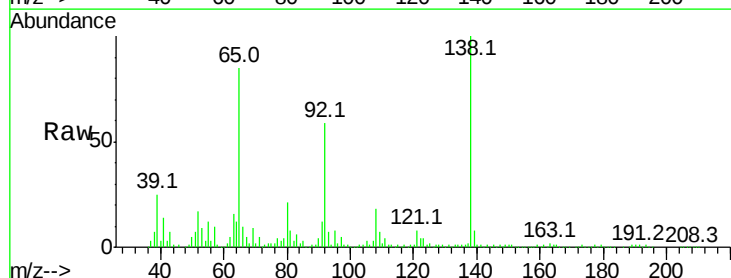
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
2-Nitroaniline
Concen: 46.510 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	117.7	91.2	136.8

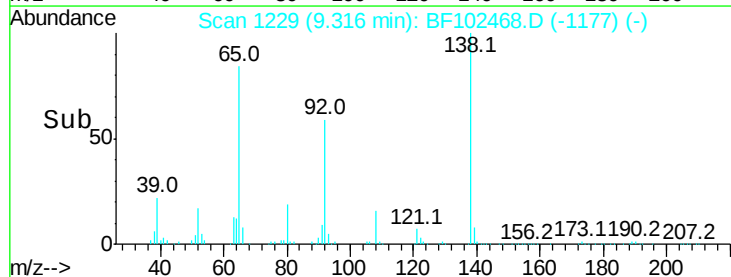
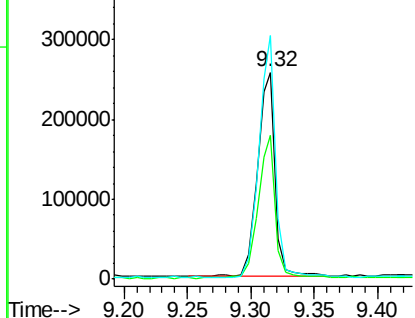


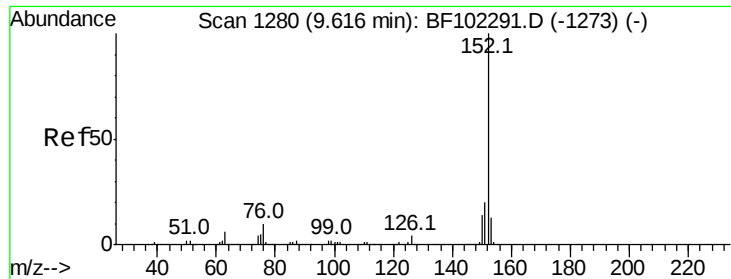
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.807 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MS

Tot Ion:152 Resp: 1156244

Ion Ratio Lower Upper

152 100

151 21.8 16.3 24.5

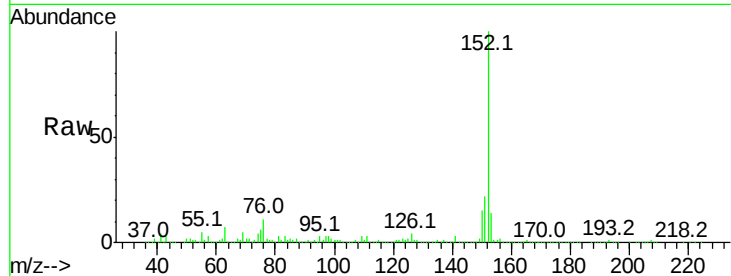
153 14.1 10.7 16.1

Manual Integrations

APPROVED

Sohil

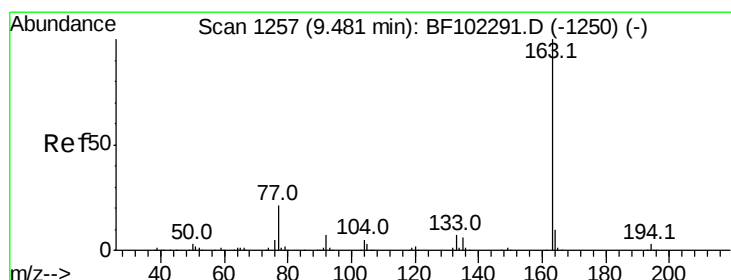
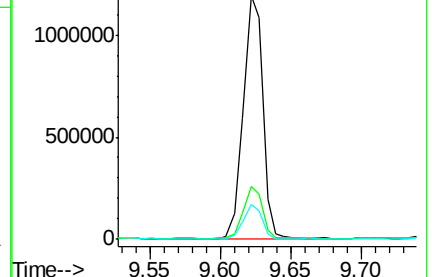
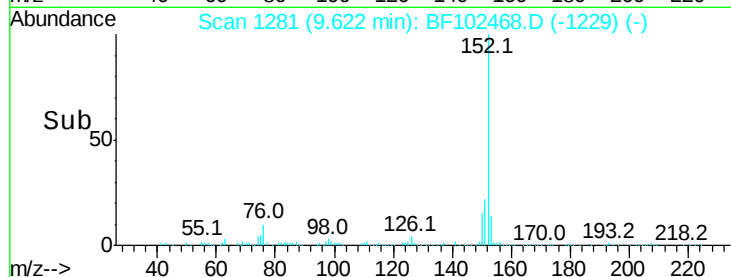
1/27/2018 1:46:44 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.590 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

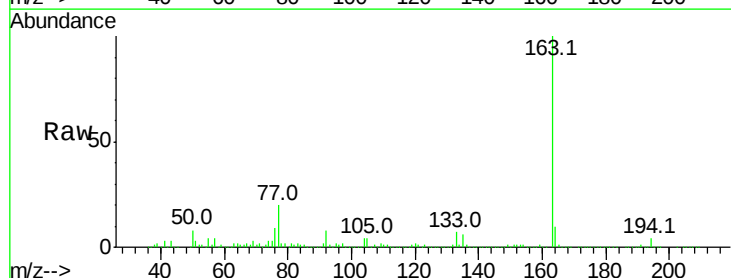
Tgt Ion:163 Resp: 1022488

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

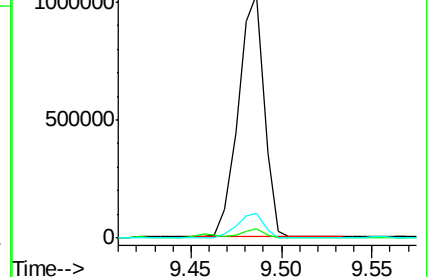
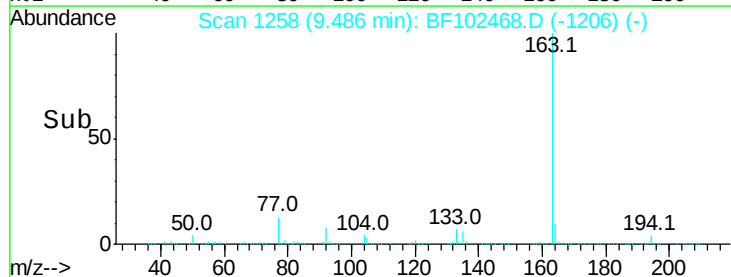
164 10.3 8.2 12.2

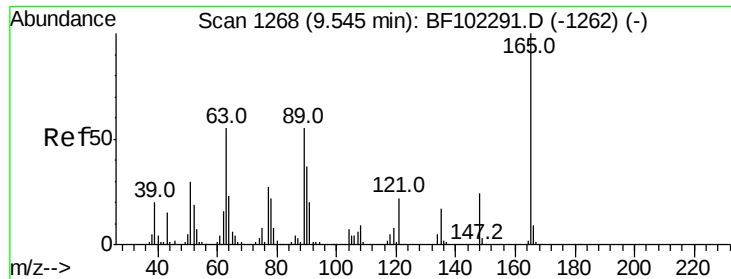


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





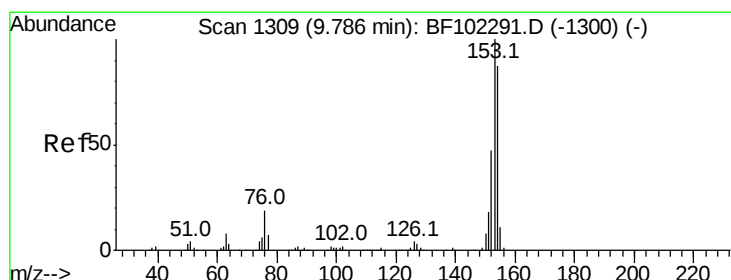
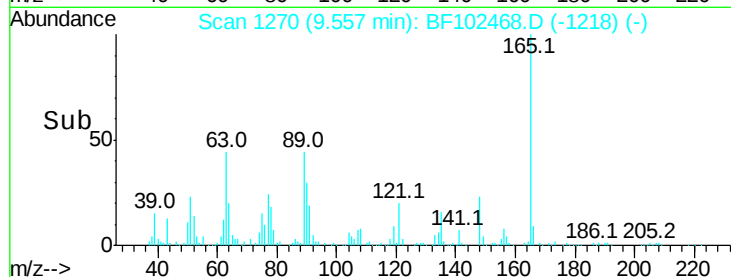
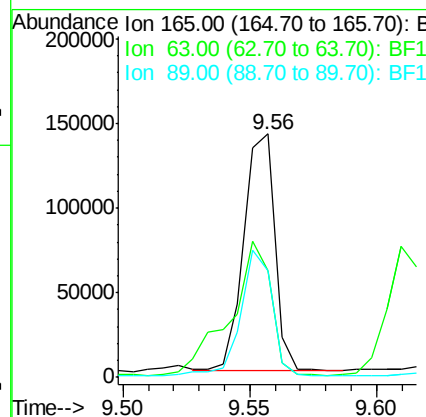
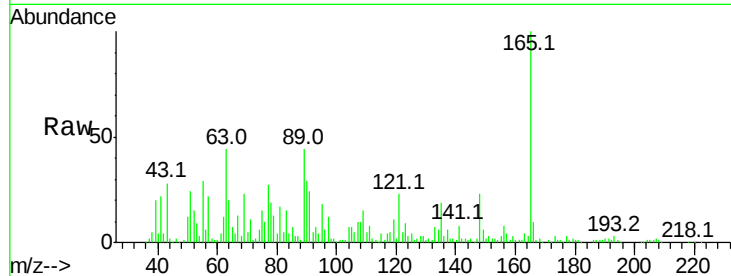
#50
2,6-Dinitrotoluene
Concen: 26.815 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	44.7	67.1#	
89	43.8	44.0	66.0#	

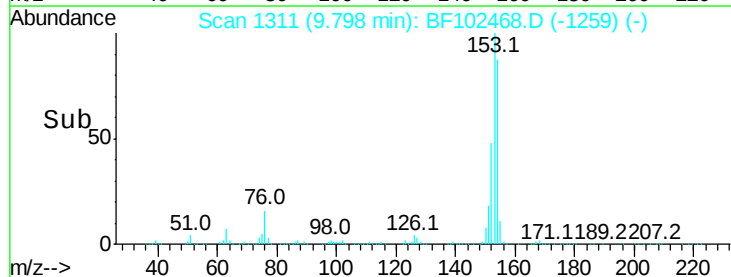
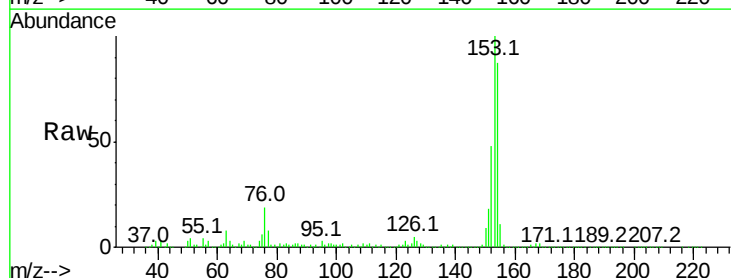
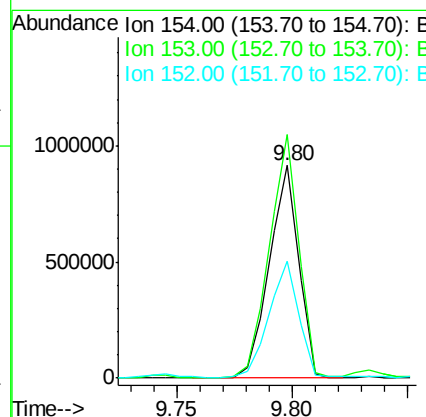
Manual Integrations
APPROVED

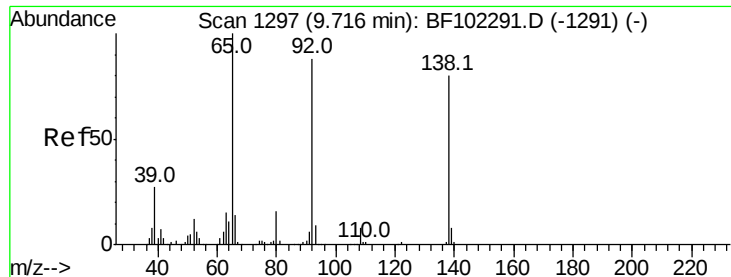
Sohil
1/27/2018 1:46:44 PM



#51
Acenaphthene
Concen: 51.192 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.4	91.2	136.8	
152	55.1	43.8	65.8	





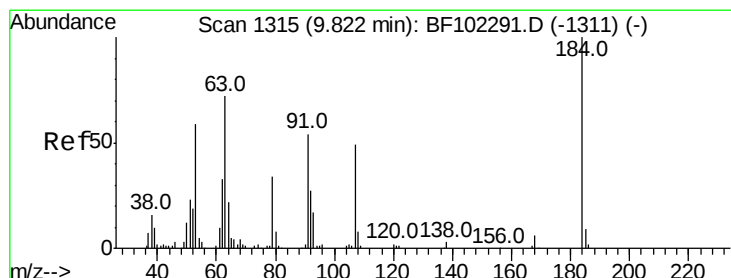
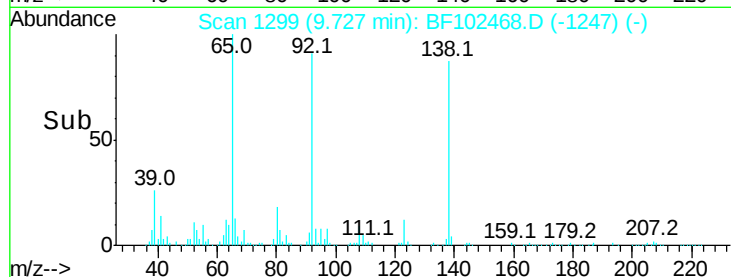
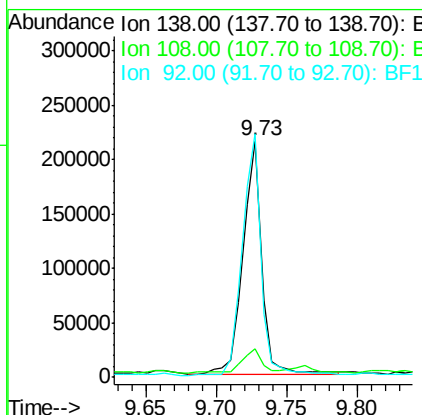
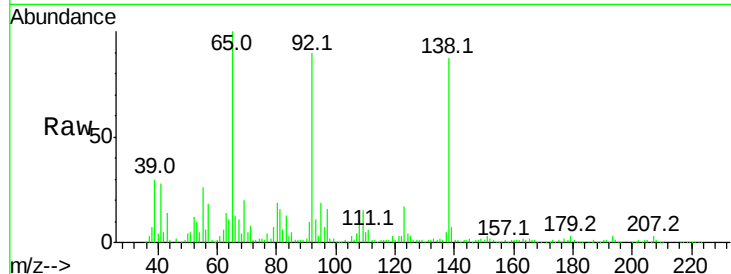
#52
3-Nitroaniline
Concen: 38.137 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.4	14.0
92	102.9	89.4	134.2

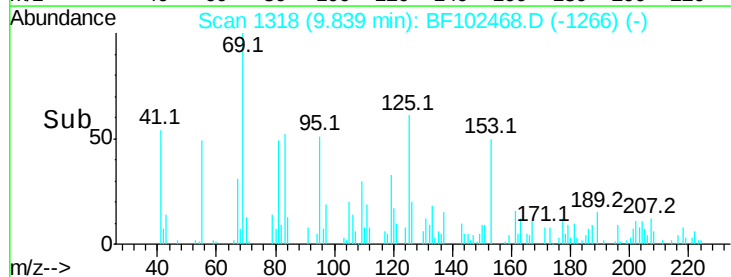
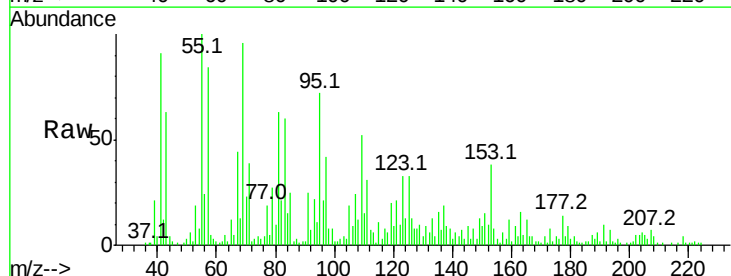
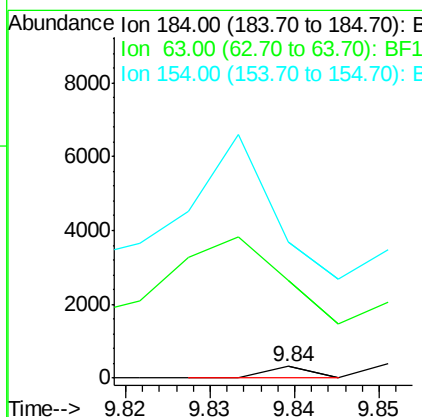
Manual Integrations
APPROVED

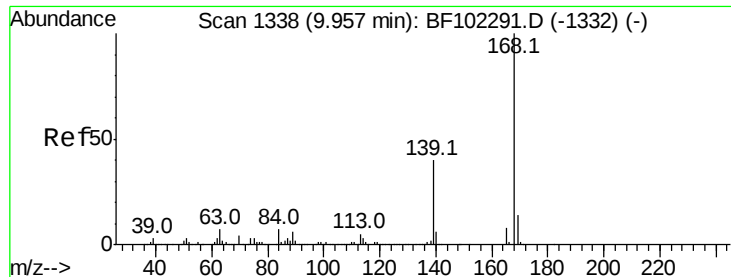
Sohil
1/27/2018 1:46:44 PM



#53
2,4-Dinitrophenol
Concen: 3.747 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	857.7	54.2	81.2#
154	1206.5	184.0	276.0#





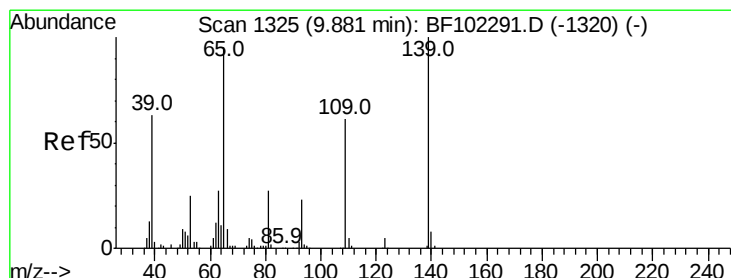
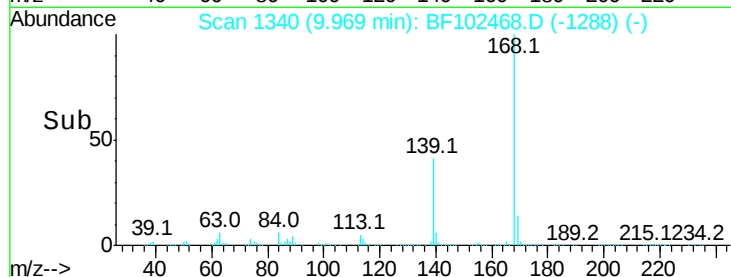
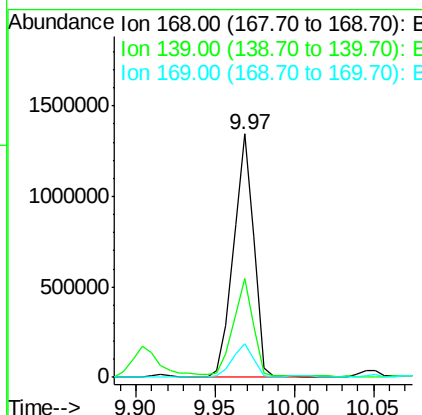
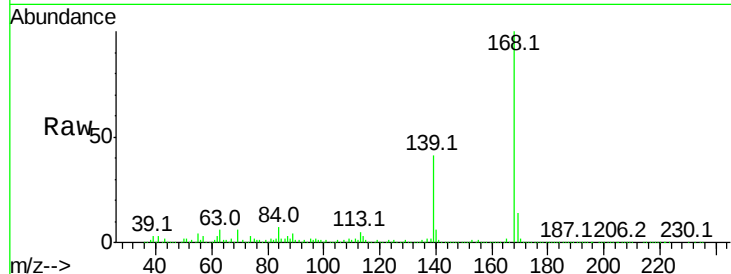
#54
Dibenzofuran
Concen: 55.736 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.1	45.1
169	13.9	10.9	16.3

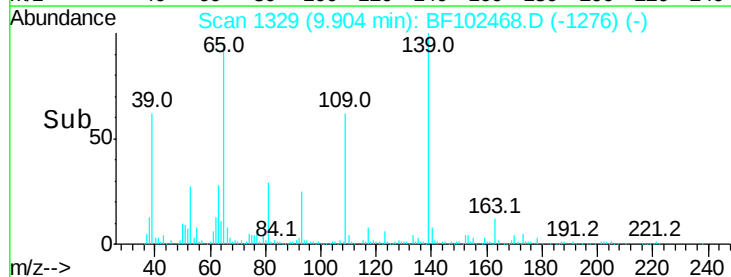
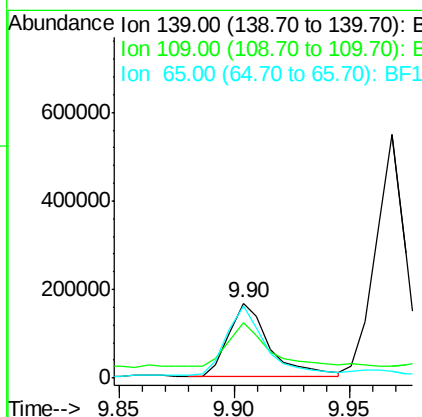
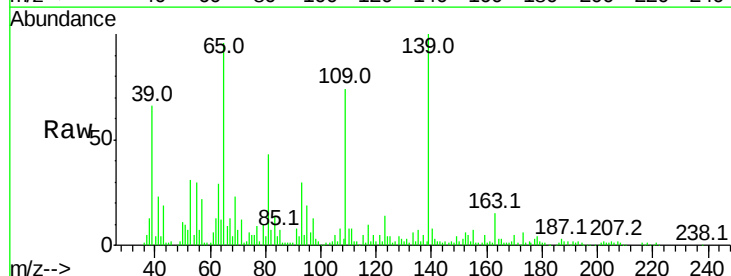
Manual Integrations
APPROVED

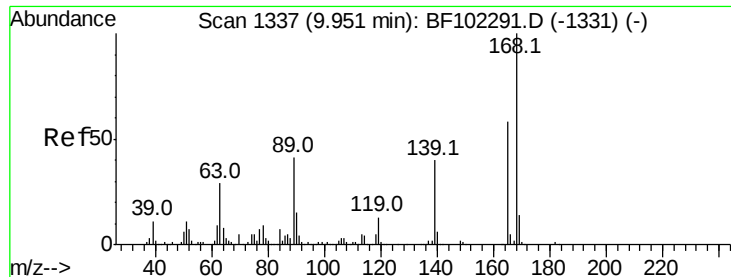
Sohil
1/27/2018 1:46:44 PM



#55
4-Nitrophenol
Concen: 58.940 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	48.4	88.4
65	96.2	72.6	112.6





#56

2,4-Dinitrotoluene

Concen: 21.015 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102468.D

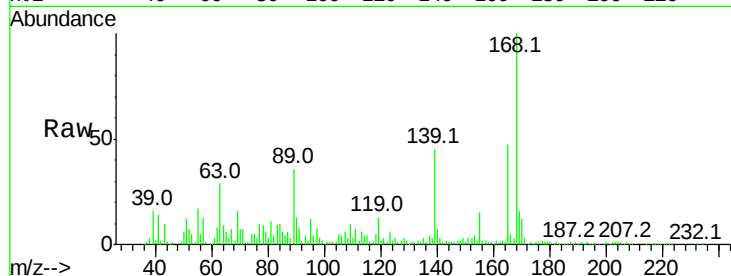
Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MS



Tot Ion:165 Resp: 114883

Ion Ratio Lower Upper

165 100

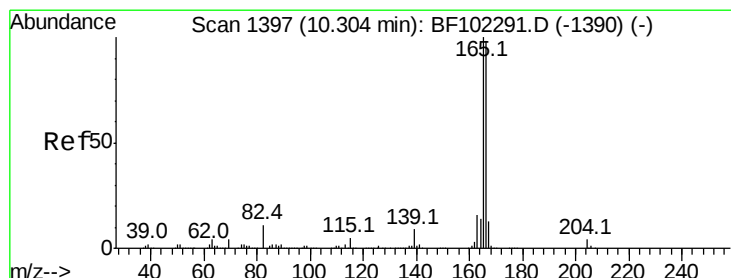
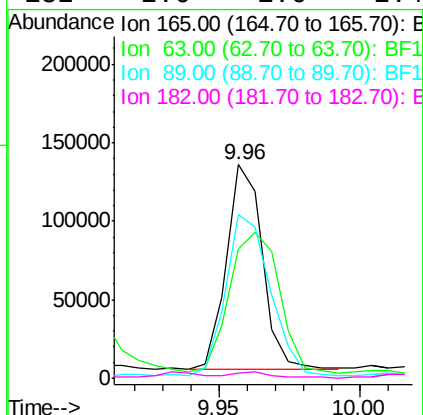
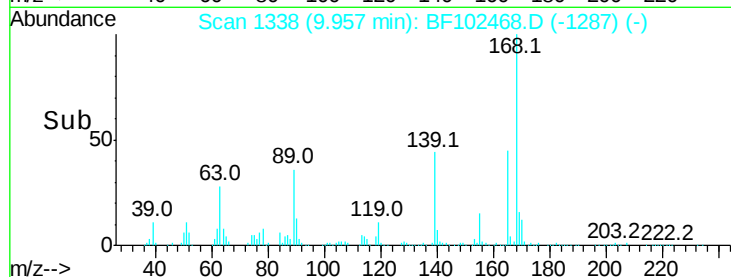
63 60.8 36.4 54.6#

89 76.9 57.8 86.6

182 2.6 1.6 2.4#

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#57

Fluorene

Concen: 64.651 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

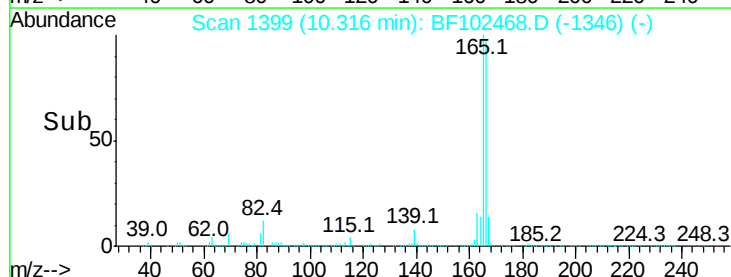
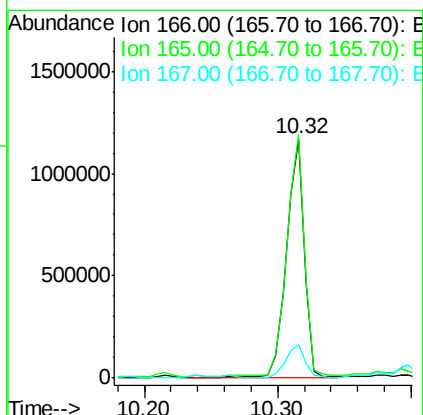
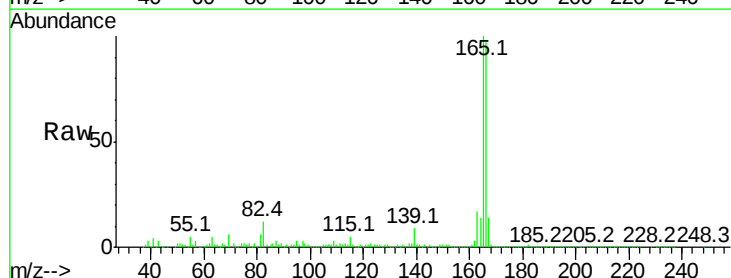
Tgt Ion:166 Resp: 1093734

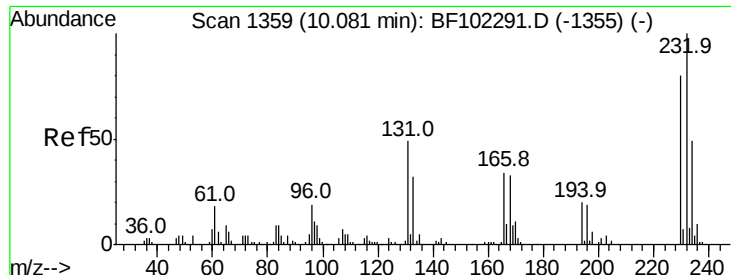
Ion Ratio Lower Upper

166 100

165 102.0 79.8 119.8

167 14.1 10.6 16.0





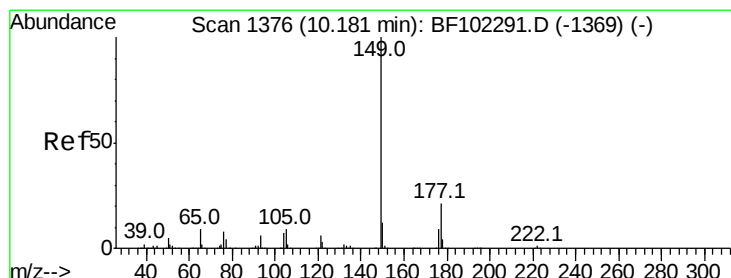
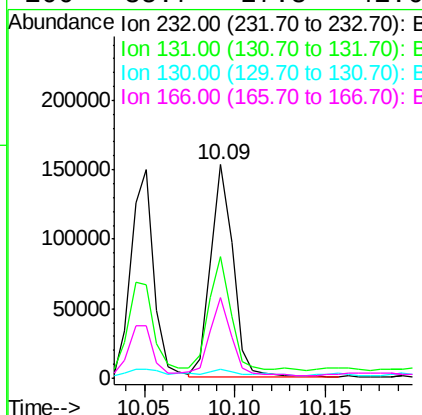
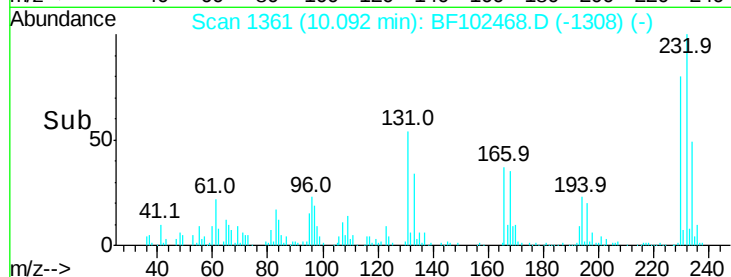
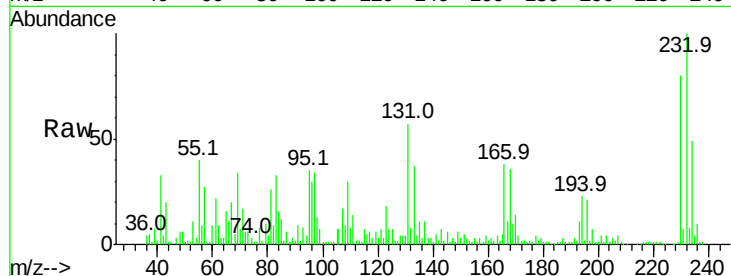
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.063 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.9	43.8	65.8
130	2.3	2.1	3.1
166	35.7	27.8	41.6

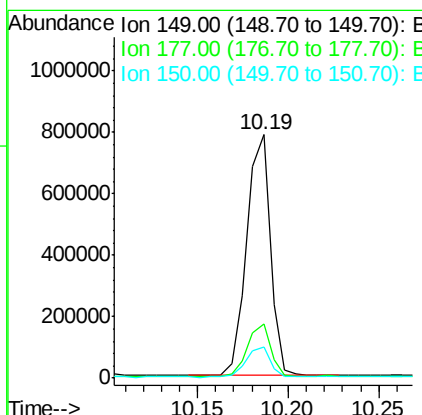
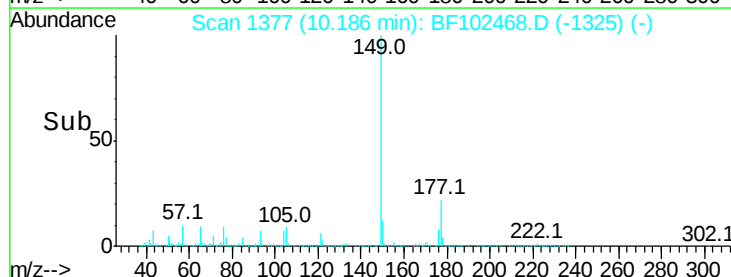
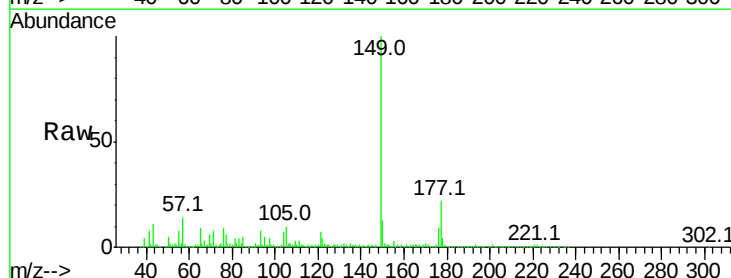
Manual Integrations
 APPROVED

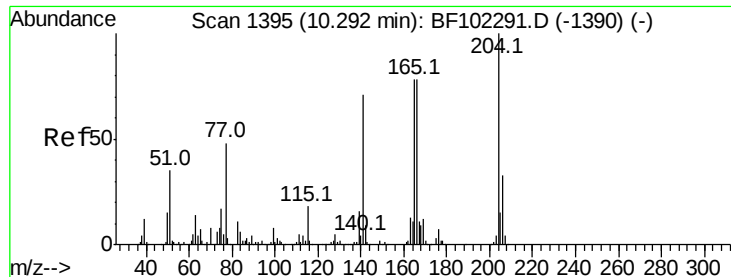
Sohil
 1/27/2018 1:46:44 PM



#59
 Diethylphthalate
 Concen: 35.704 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.8	10.1	15.1





#60

4-Chlorophenyl-phenylether

Concen: 36.132 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

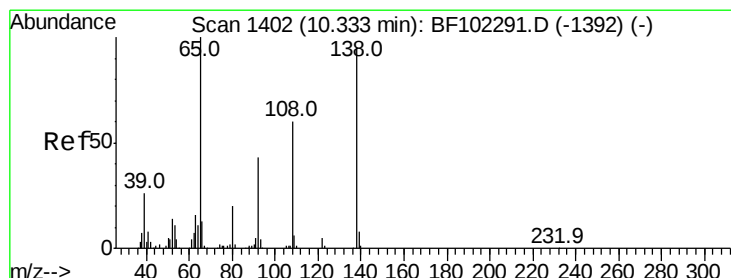
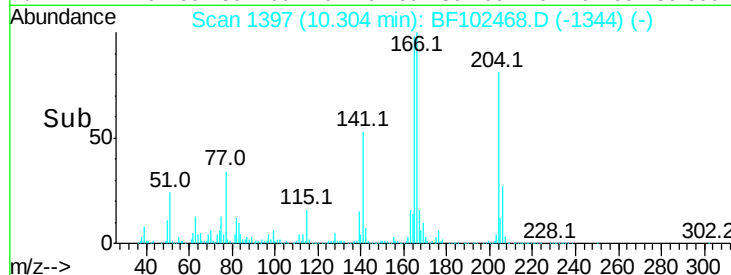
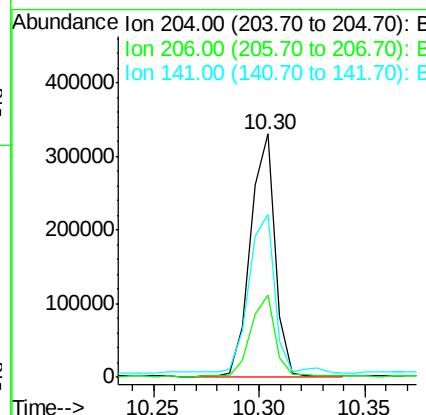
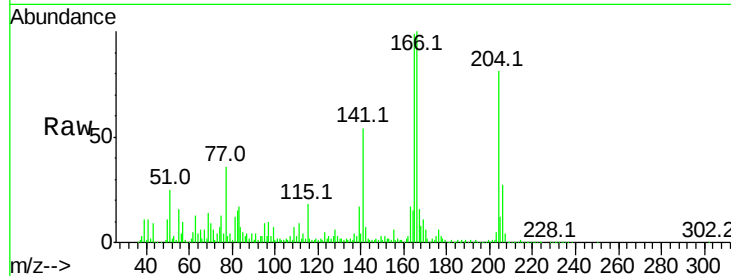
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	204	Resp:	265015
Ion Ratio	Lower	Upper	
204	100		
206	33.8	26.5	39.7
141	66.7	54.6	81.8

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#61

4-Nitroaniline

Concen: 36.959 ng

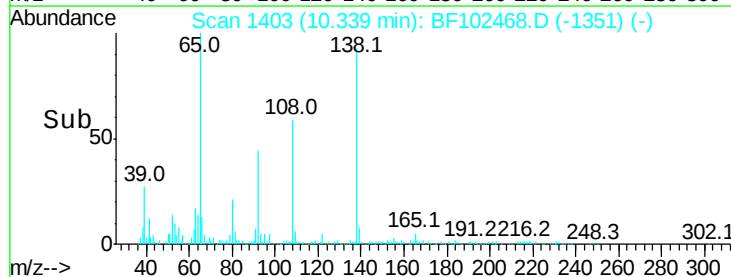
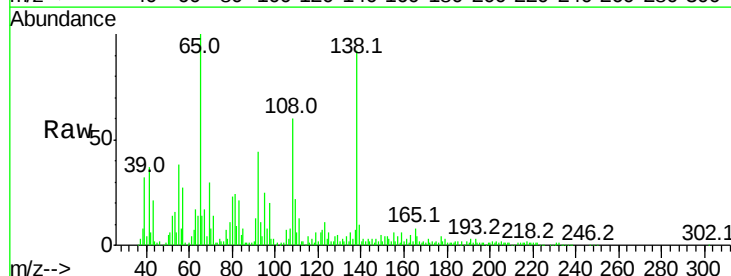
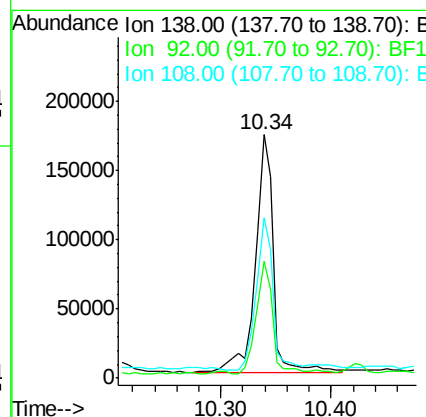
RT: 10.34 min Scan# 1403

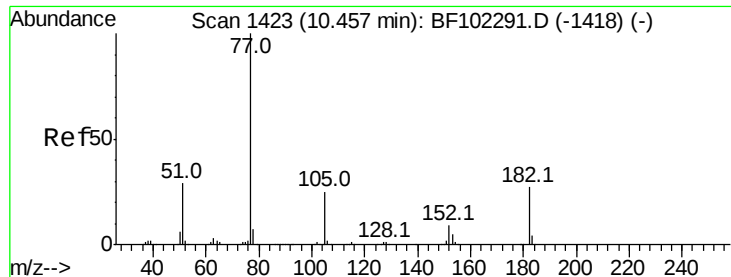
Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	138	Resp:	193945
Ion Ratio	Lower	Upper	
138	100		
92	47.9	30.2	70.2
108	65.8	52.5	92.5





#62

Azobenzene

Concen: 42.653 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

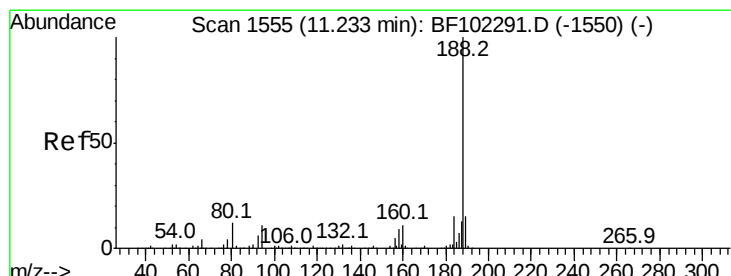
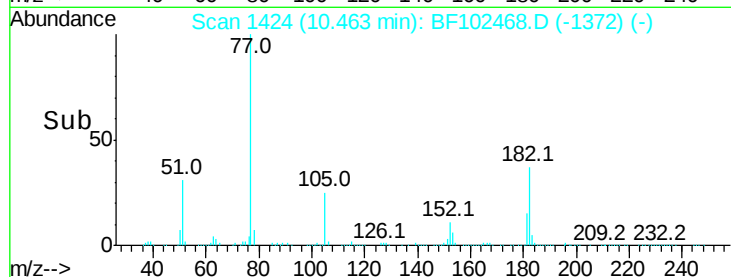
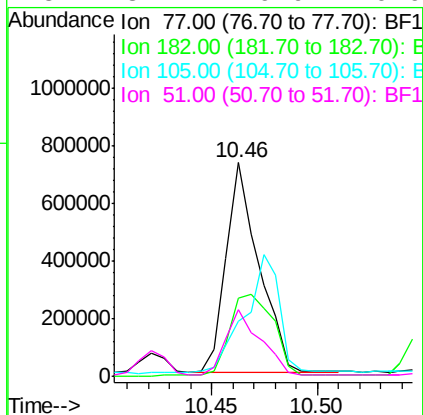
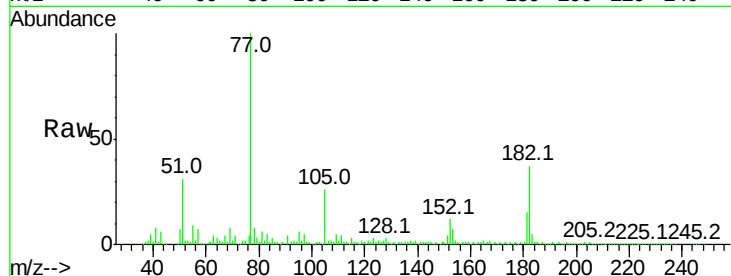
ClientSampleId :

WC-11(0-5)MS

Tot Ion	77	Resp	782447
Ion Ratio	Lower	Upper	
77	100		
182	36.6	1.7	41.7
105	25.9	3.0	43.0
51	31.1	9.9	49.9

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

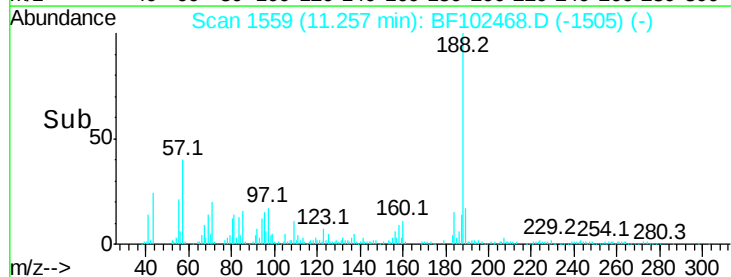
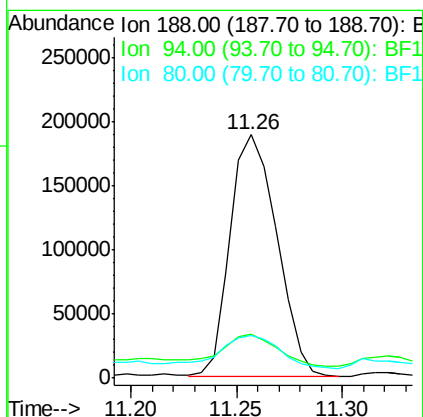
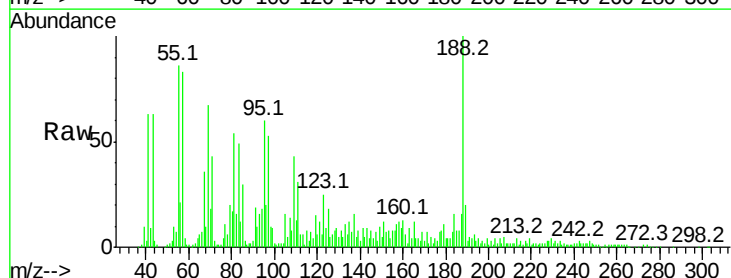
RT: 11.26 min Scan# 1559

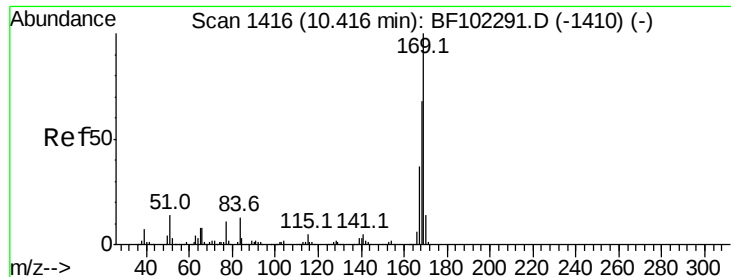
Delta R.T. 0.02 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion	188	Resp	287304
Ion Ratio	Lower	Upper	
188	100		
94	18.3	8.5	12.7#
80	17.4	9.2	13.8#





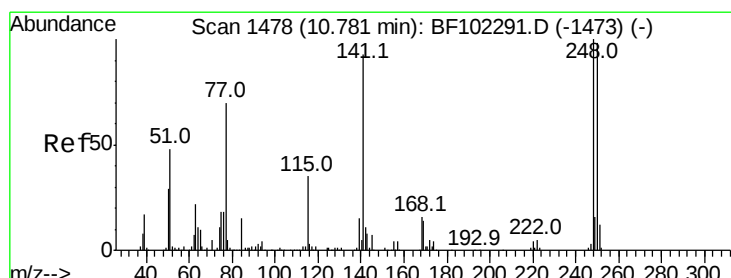
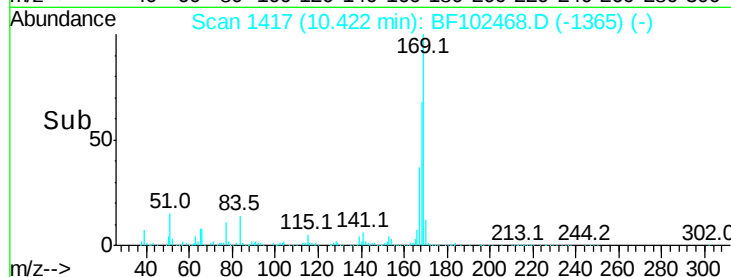
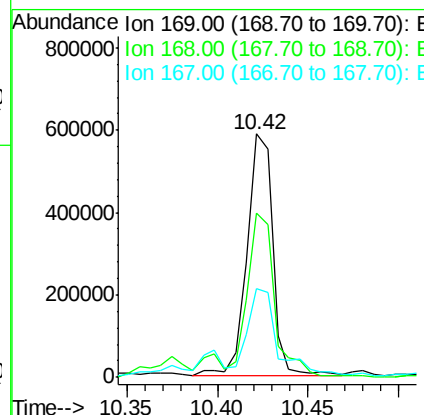
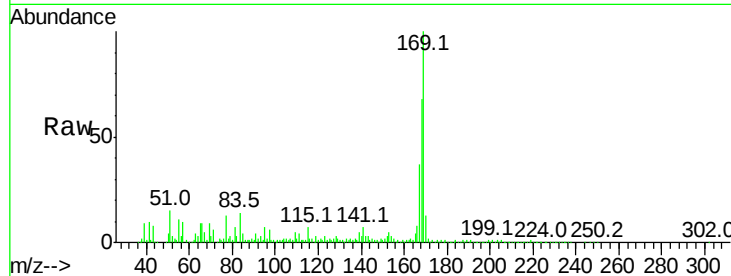
#65
n-Nitrosodiphenylamine
Concen: 54.329 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	572910		
168	67.7		54.4	81.6
167	36.7		29.8	44.6

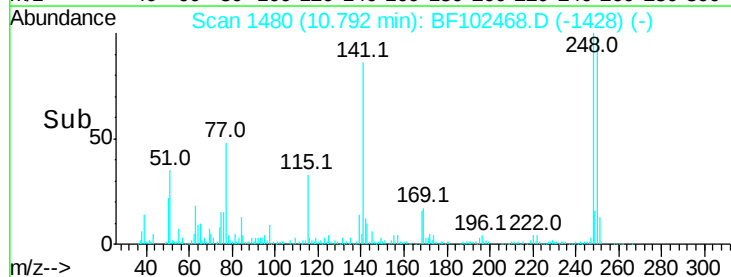
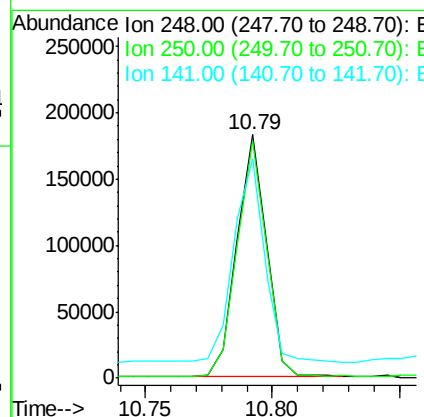
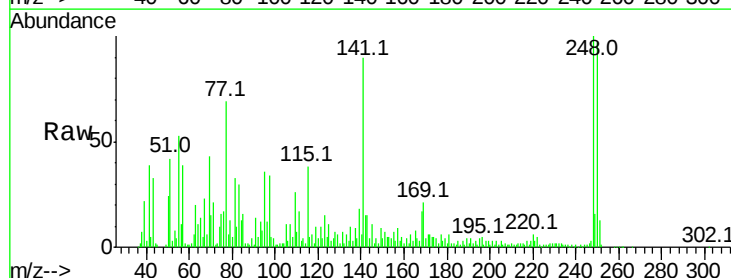
Manual Integrations
APPROVED

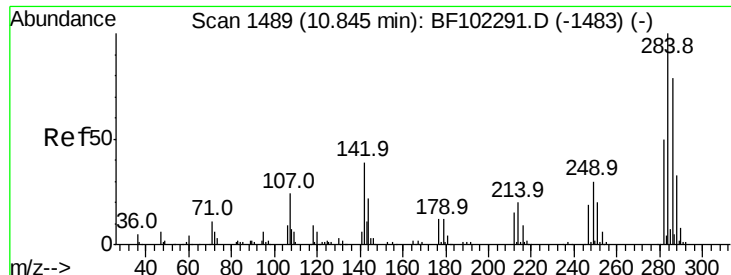
Sohil
1/27/2018 1:46:44 PM



#66
4-Bromophenyl-phenylether
Concen: 47.276 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146216		
250	97.4		76.9	115.3
141	90.1		74.4	111.6





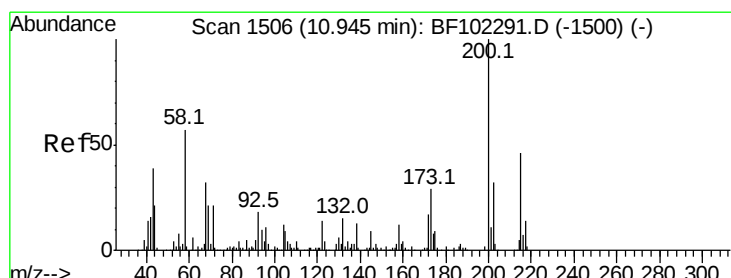
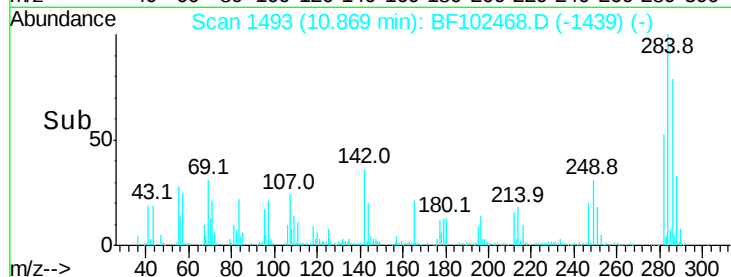
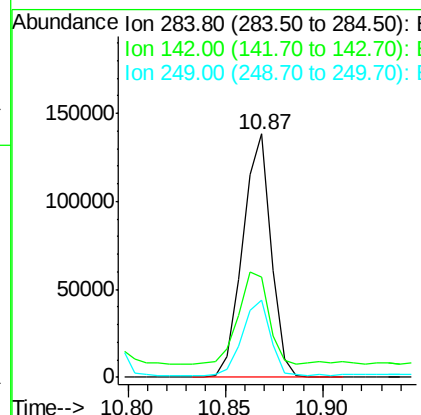
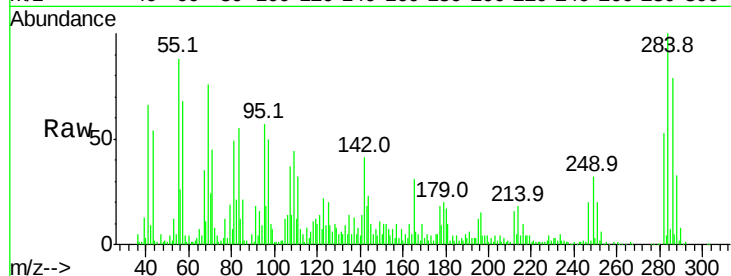
#67
Hexachlorobenzene
Concen: 40.241 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	139191		
142	41.0	34.6	52.0	
249	31.6	24.8	37.2	

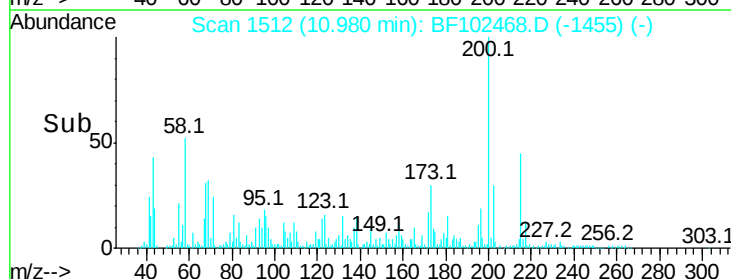
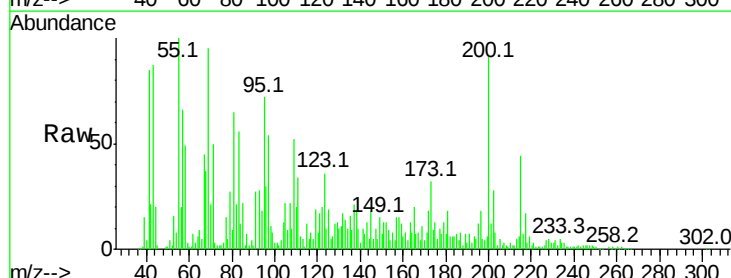
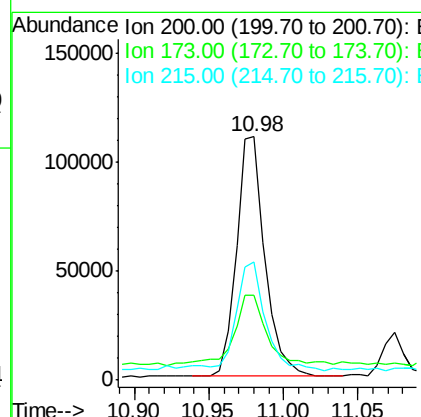
Manual Integrations
APPROVED

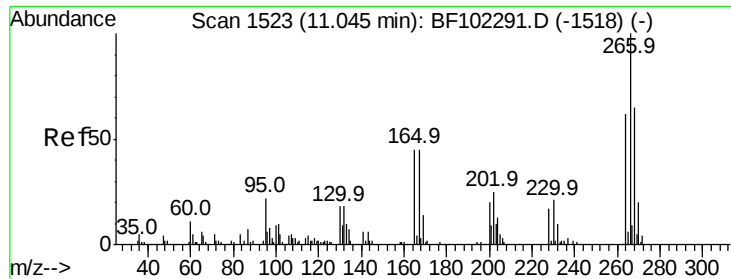
Sohil
1/27/2018 1:46:44 PM



#68
Atrazine
Concen: 47.297 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.04 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	147304		
173	35.0	8.6	48.6	
215	48.3	25.1	65.1	





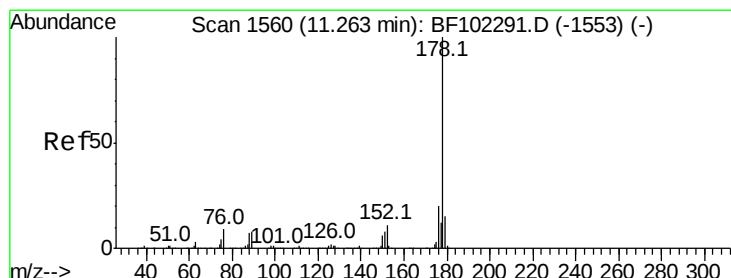
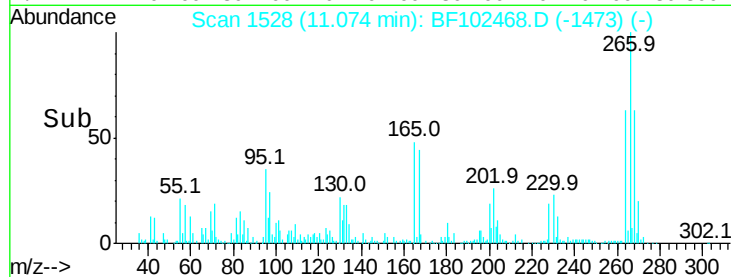
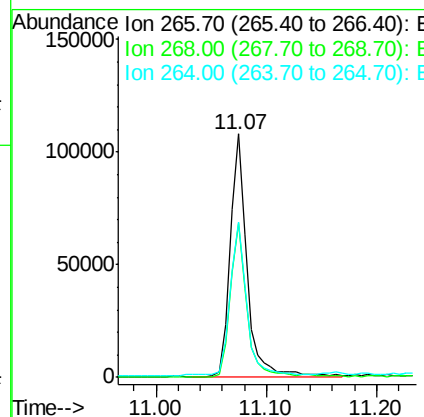
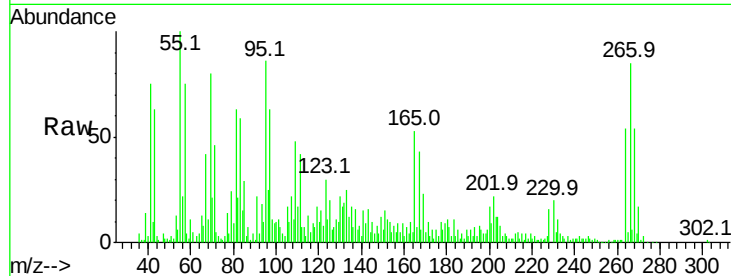
#69
 Pentachlorophenol
 Concen: 64.612 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.02 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.7	49.5	74.3

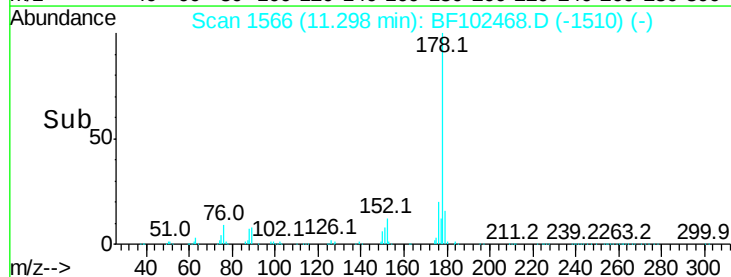
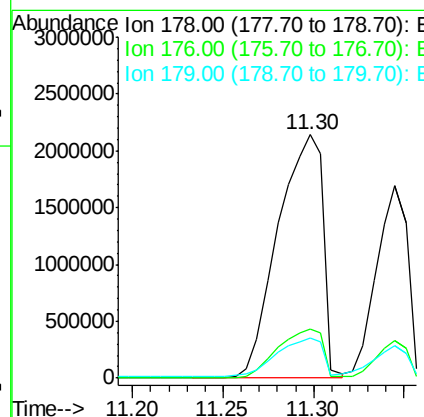
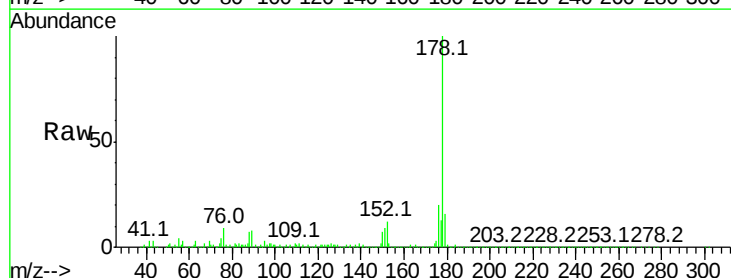
Manual Integrations
 APPROVED

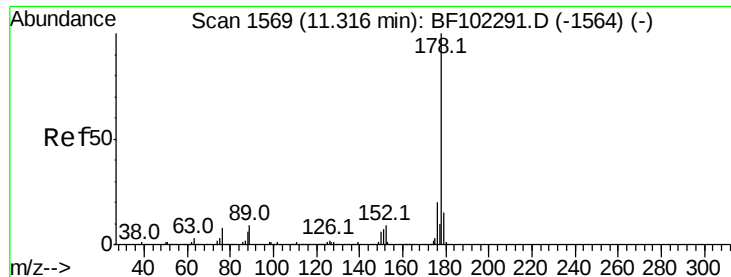
Sohil
 1/27/2018 1:46:44 PM



#70
 Phenanthrene
 Concen: 220.348 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.03 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.4	13.0	19.6





#71
 Anthracene
 Concen: 117.686 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.03 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

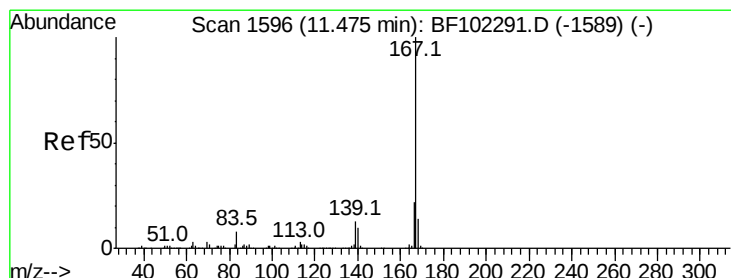
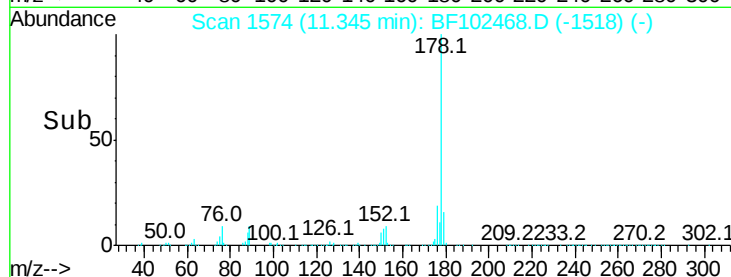
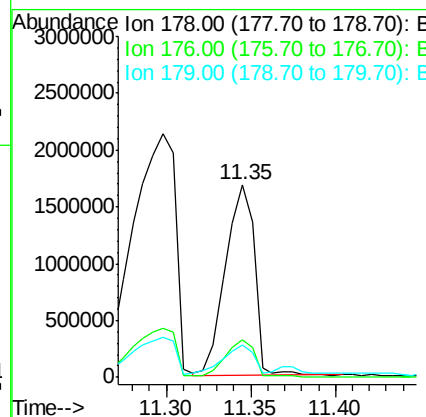
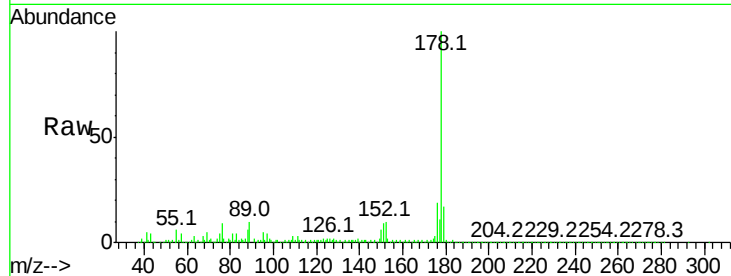
Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MS

Tot Ion:178 Resp: 2011047

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.5	12.6	19.0

Manual Integrations
 APPROVED

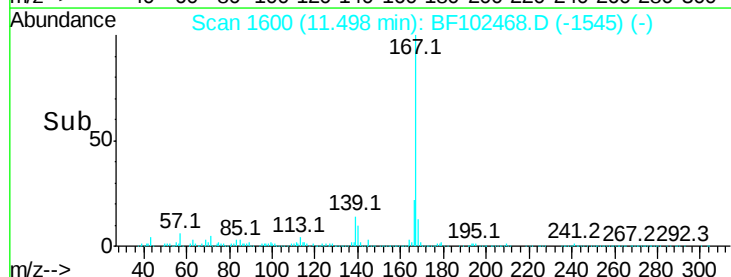
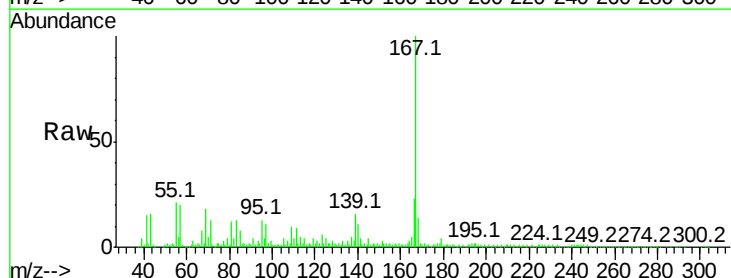
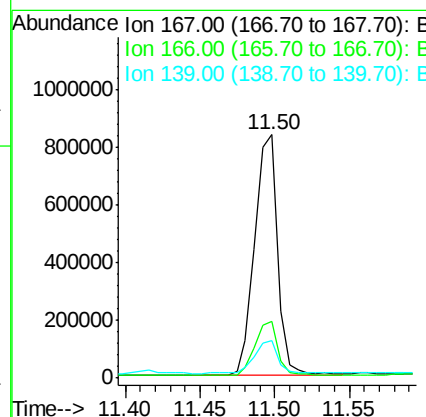
Sohil
 1/27/2018 1:46:44 PM

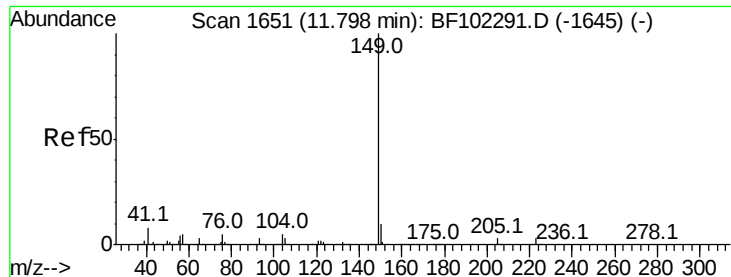


#72
 Carbazole
 Concen: 52.941 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion:167 Resp: 882582

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	15.6	10.9	16.3





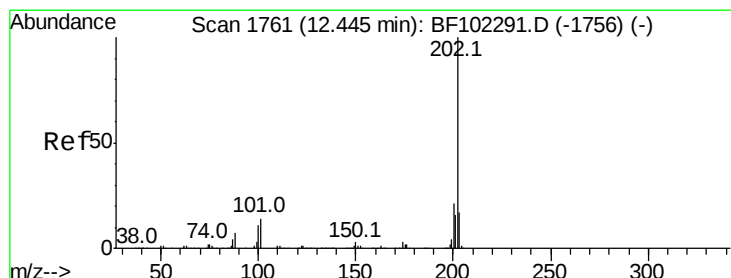
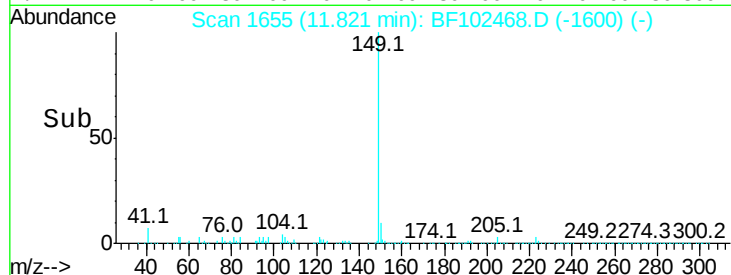
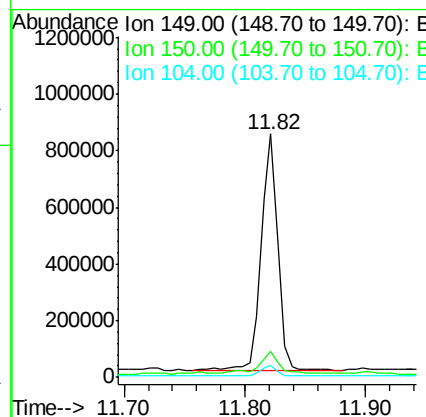
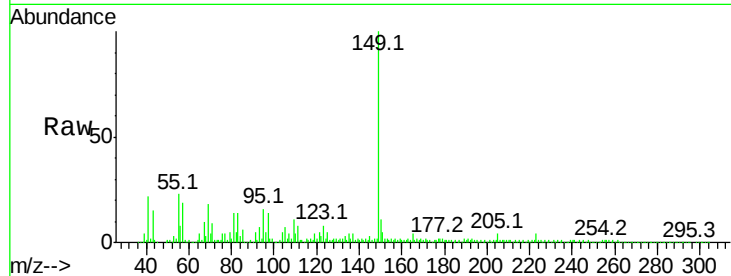
#73
Di-n-butylphthalate
Concen: 38.562 ng
RT: 11.82 min Scan# 1655
Delta R.T. 0.02 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	4.8	3.8	5.8

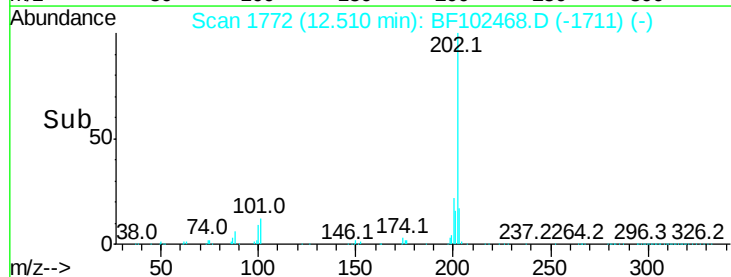
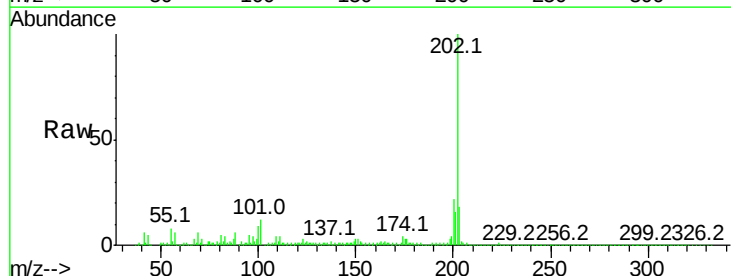
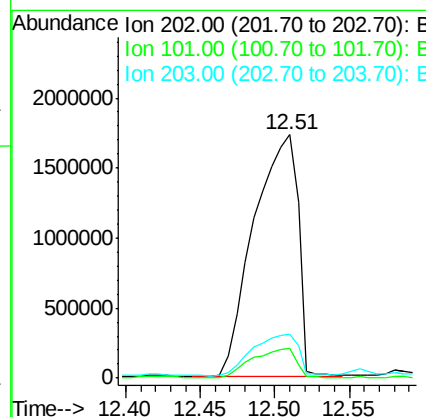
Manual Integrations
APPROVED

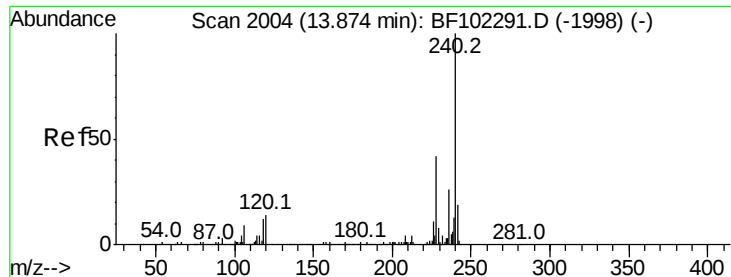
Sohil
1/27/2018 1:46:44 PM



#74
Fluoranthene
Concen: 208.932 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.06 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.07 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MS

Tot Ion:240 Resp: 109108
Ion Ratio Lower Upper

240 100

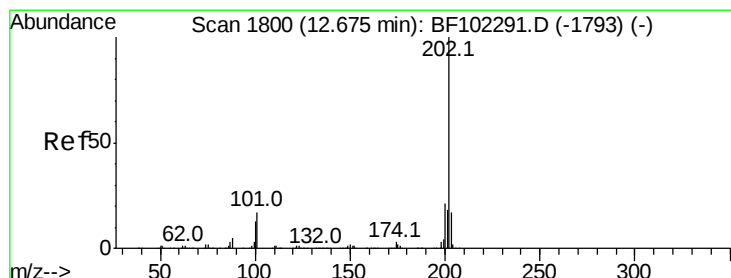
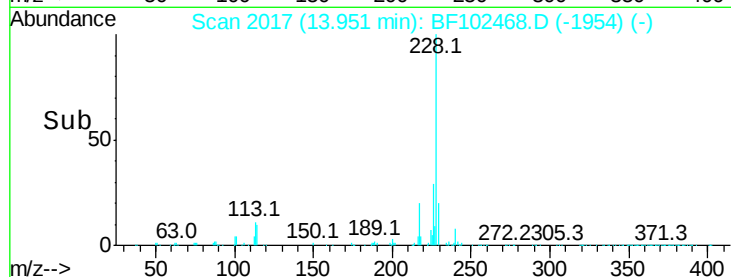
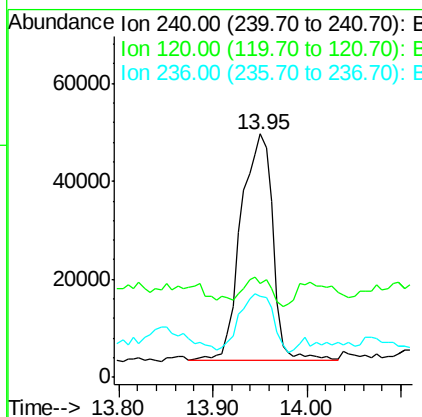
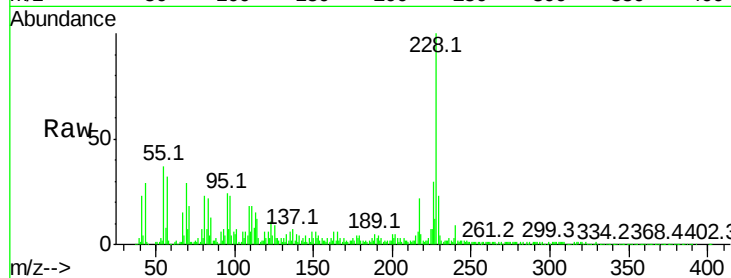
120 38.3 9.5 14.3#

236 33.4 20.7 31.1#

Manual Integrations
APPROVED

Sohil

1/27/2018 1:46:44 PM



#77

Pyrene

Concen: 337.271 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.06 min

Lab File: BF102468.D

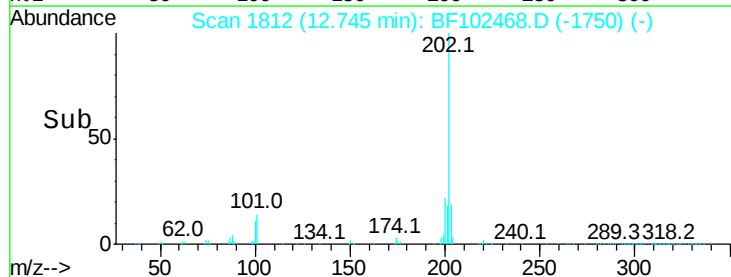
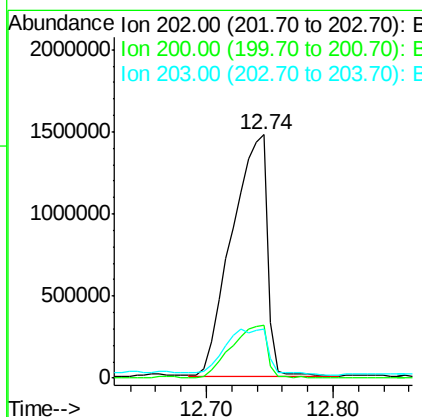
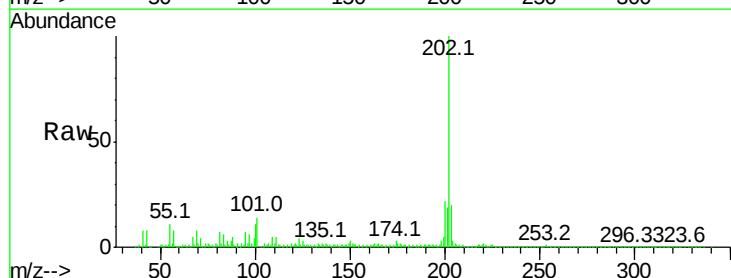
Acq: 26 Jan 2018 15:06

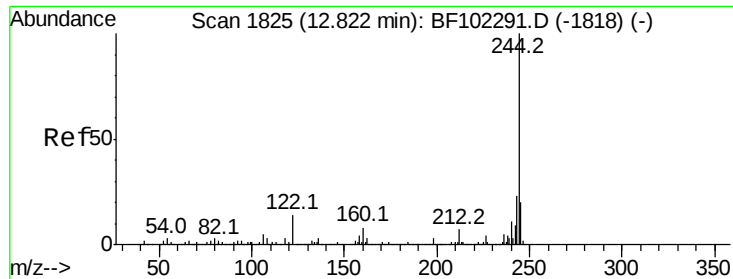
Tgt Ion:202 Resp: 2845163
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 20.1 14.3 21.5





#78

Terphenyl-d14

Concen: 20.343 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.03 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MS

Tot Ion:244 Resp: 98458

Ion Ratio Lower Upper

244 100

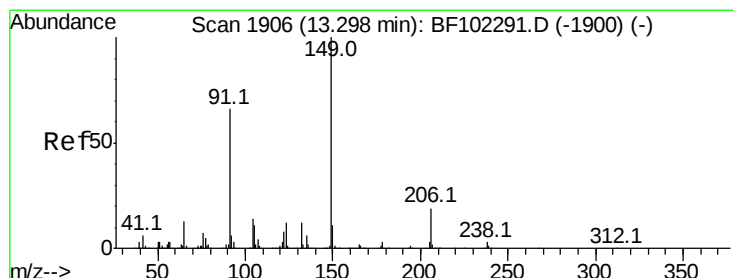
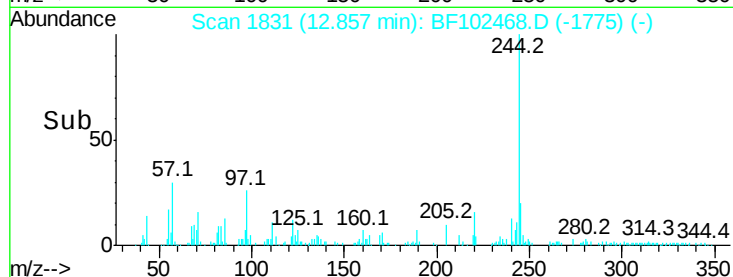
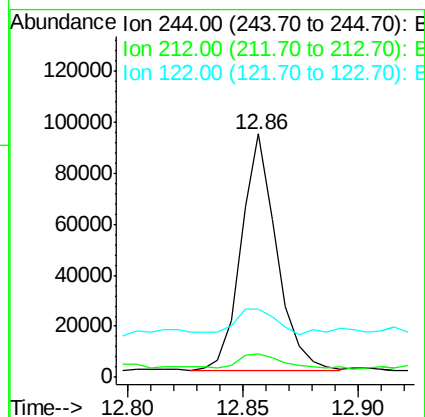
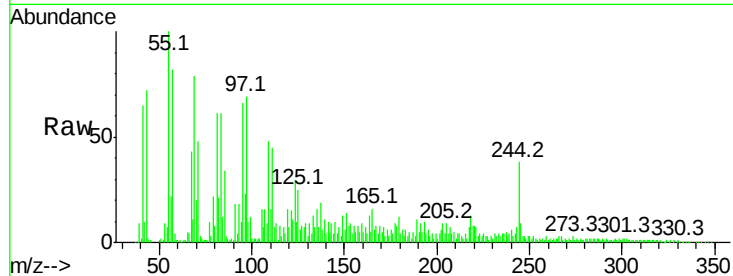
212 9.4 5.4 8.0#

122 28.1 11.0 16.4#

Manual Integrations
APPROVED

Sohil

1/27/2018 1:46:44 PM



#79

Butylbenzylphthalate

Concen: 49.145 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.04 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

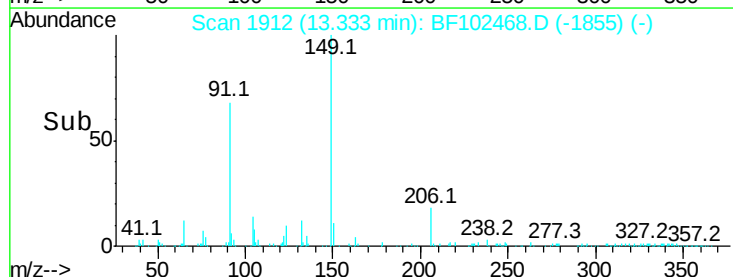
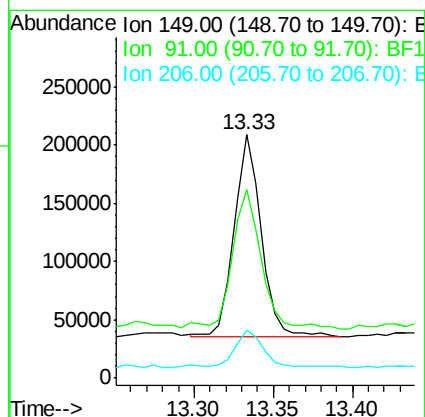
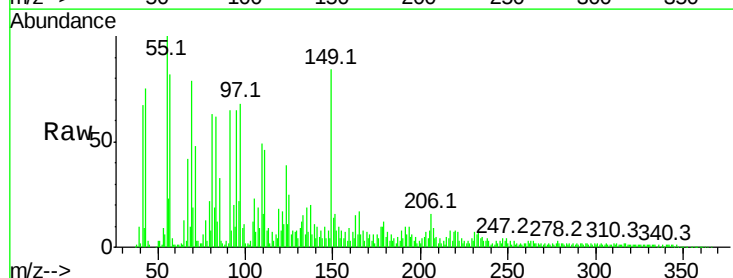
Tgt Ion:149 Resp: 206319

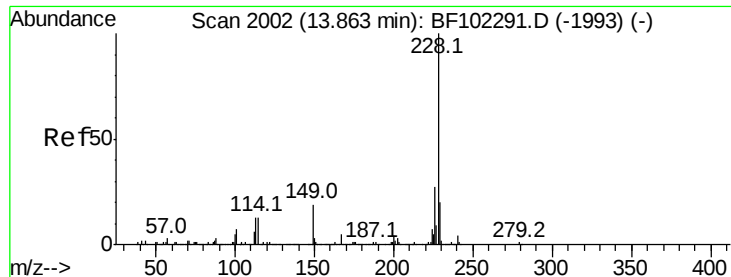
Ion Ratio Lower Upper

149 100

91 77.7 56.8 85.2

206 19.4 14.1 21.1





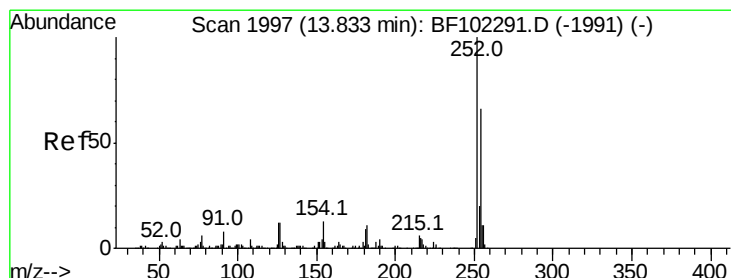
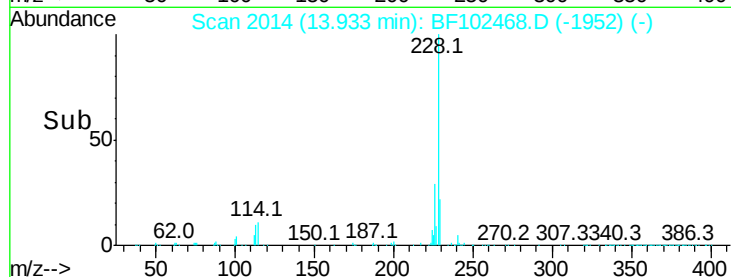
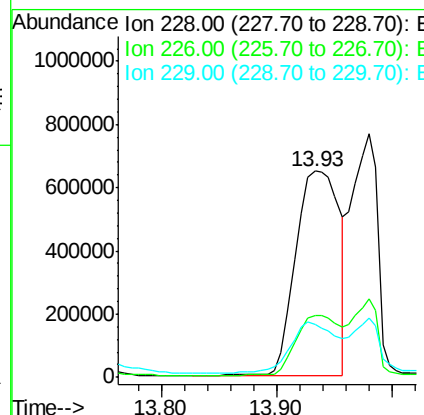
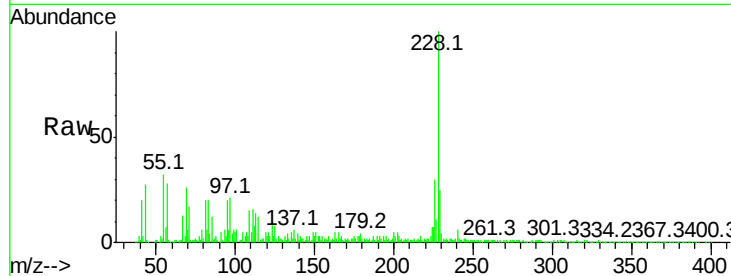
#80
Benzo(a)anthracene
Concen: 252.837 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.06 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion:228 Resp: 1698416
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 25.4 15.8 23.6#

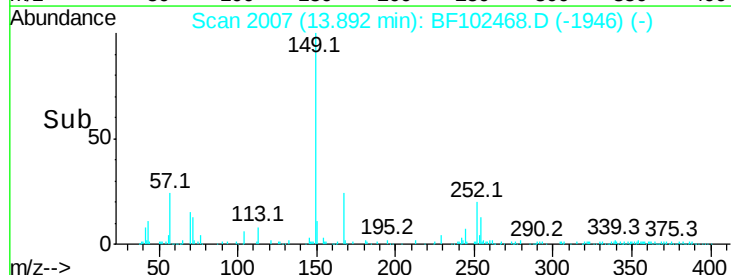
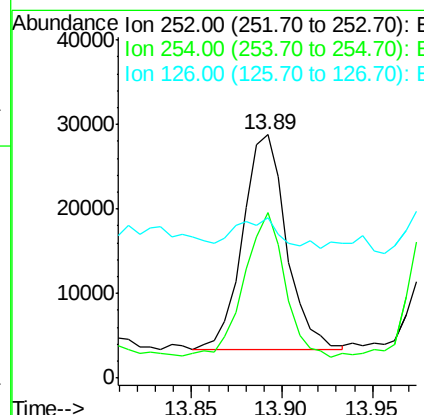
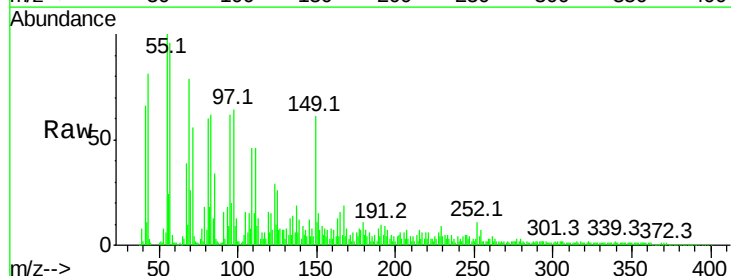
Manual Integrations
APPROVED

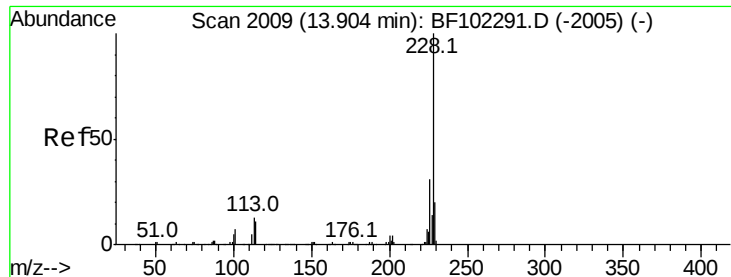
Sohil
1/27/2018 1:46:44 PM



#81
3,3'-Dichlorobenzidine
Concen: 17.336 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.06 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:252 Resp: 42718
Ion Ratio Lower Upper
252 100
254 67.8 50.4 75.6
126 65.7 11.3 16.9#





#82

Chrysene

Concen: 146.302 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.07 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

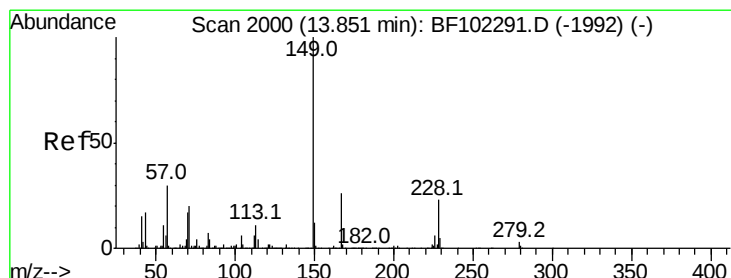
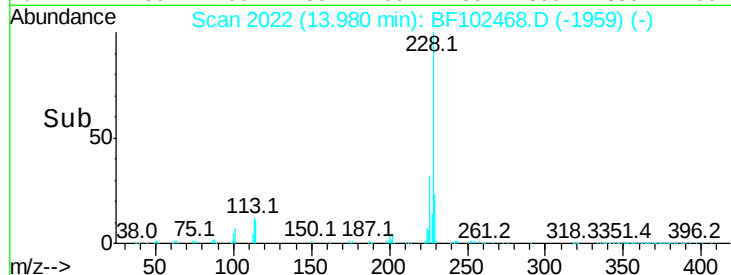
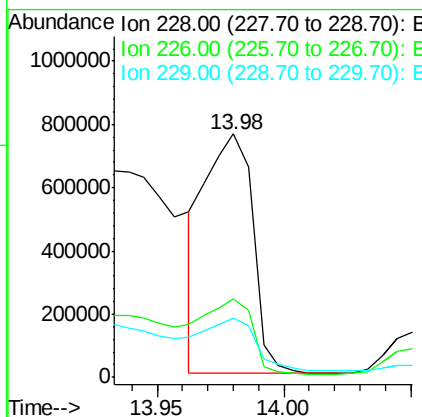
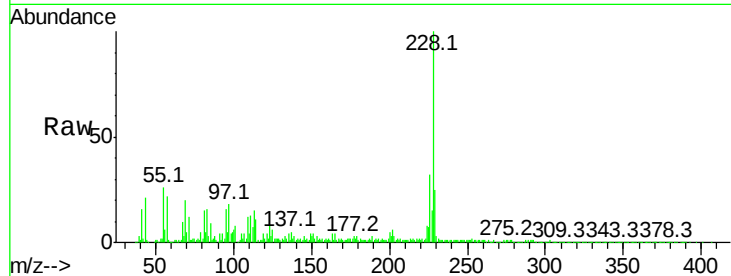
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	228	Resp:	997995
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.0	37.6
229	24.6	16.2	24.4#

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 67.094 ng

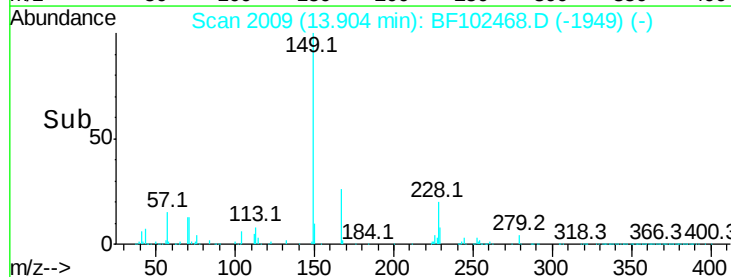
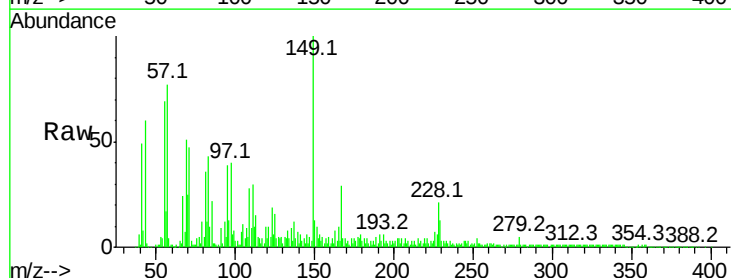
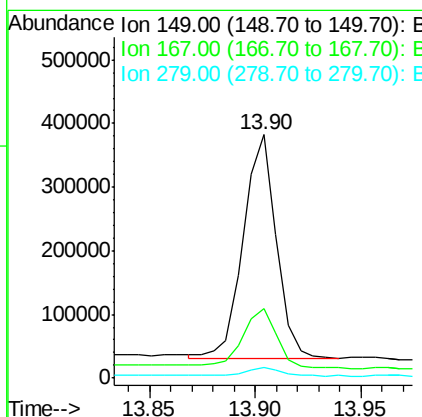
RT: 13.90 min Scan# 2009

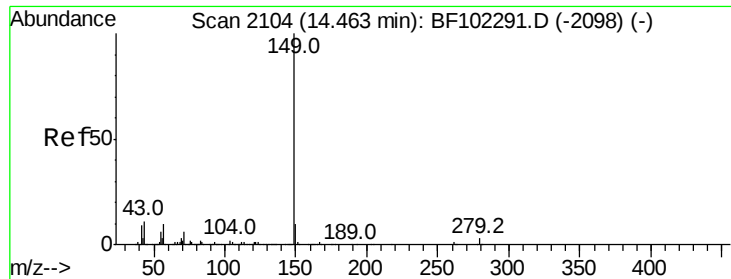
Delta R.T. 0.05 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	149	Resp:	378533
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.3	31.9
279	4.6	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 44.544 ng

RT: 14.52 min Scan# 2113

Delta R.T. 0.05 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

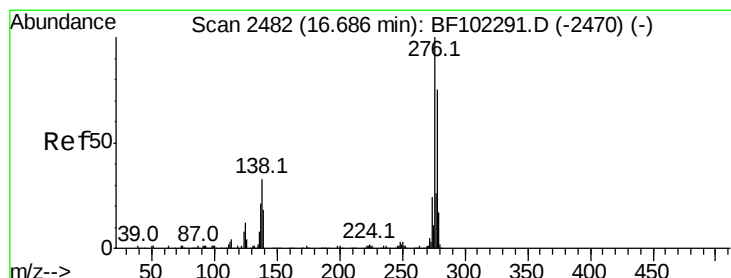
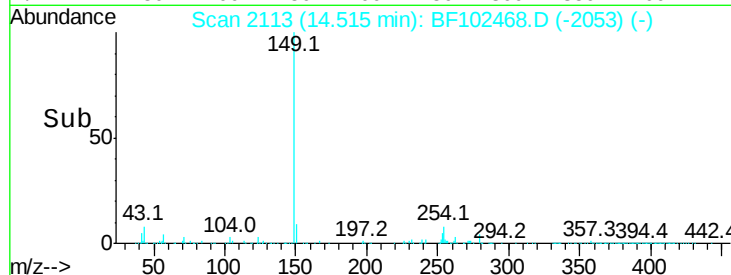
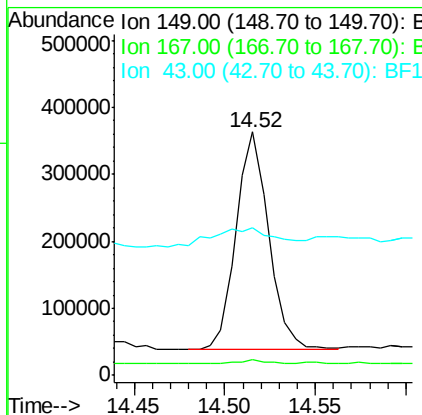
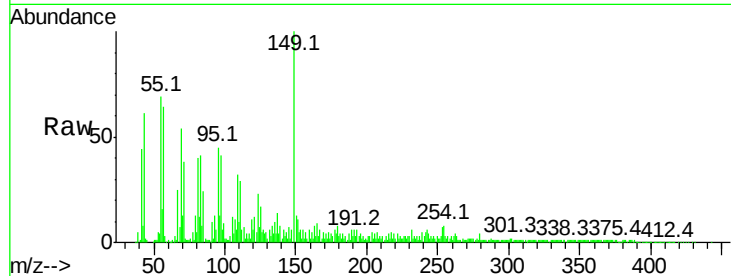
ClientSampleId :

WC-11(0-5)MS

Tot Ion:	149	Resp:	408696
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.2	1.8
43	17.5	8.4	12.6#

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 219.300 ng

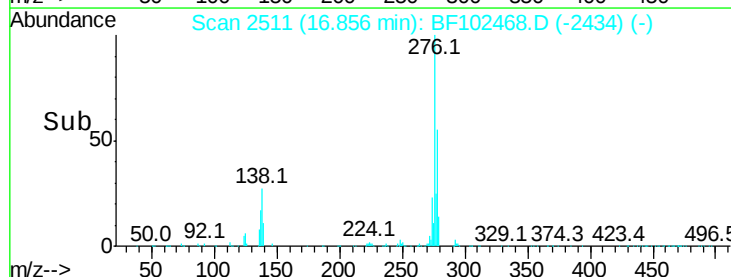
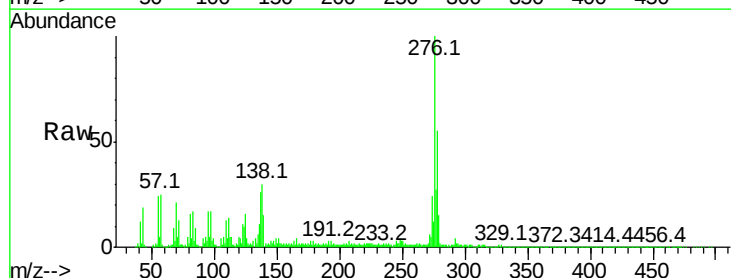
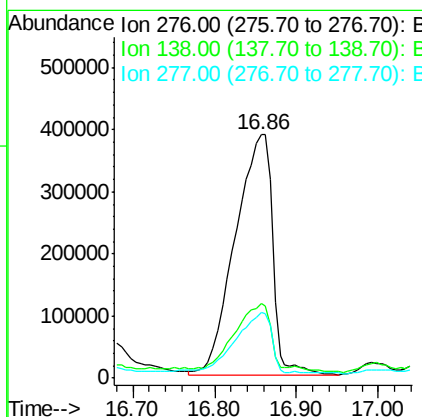
RT: 16.86 min Scan# 2511

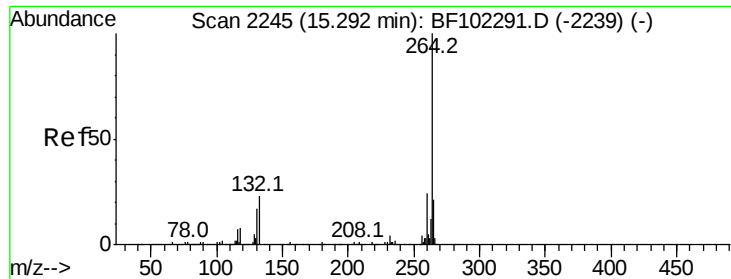
Delta R.T. 0.15 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:	276	Resp:	1235457
Ion Ratio	Lower	Upper	
276	100		
138	24.8	25.0	37.6#
277	23.8	20.1	30.1





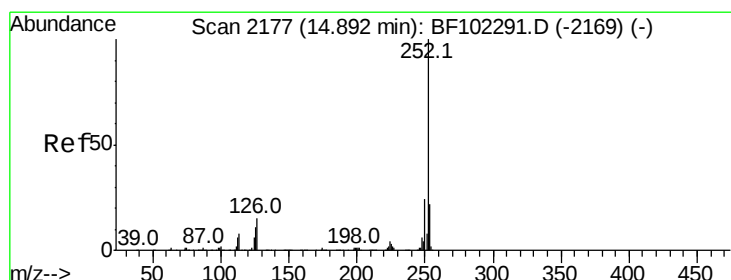
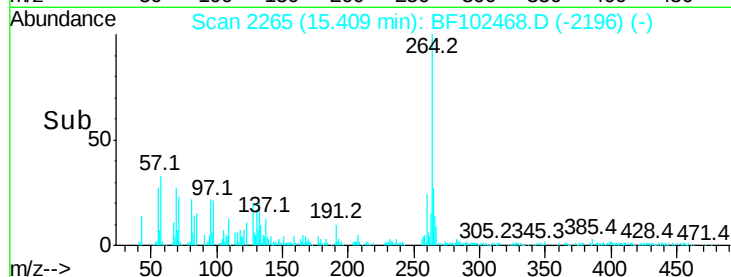
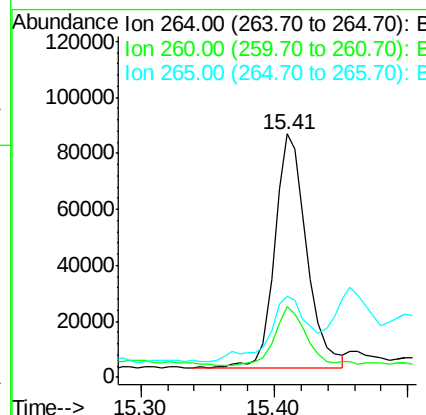
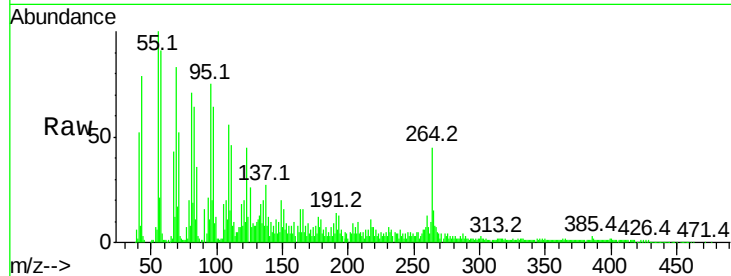
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.11 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.8	19.2	28.8#
265	33.3	17.5	26.3#

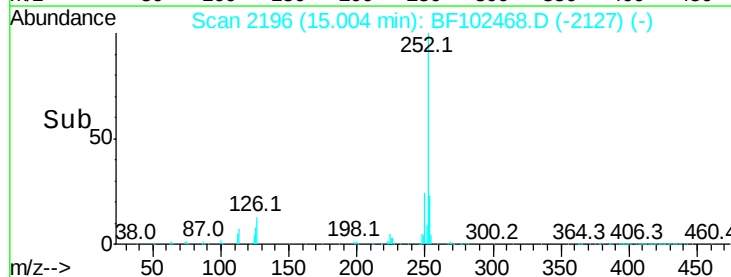
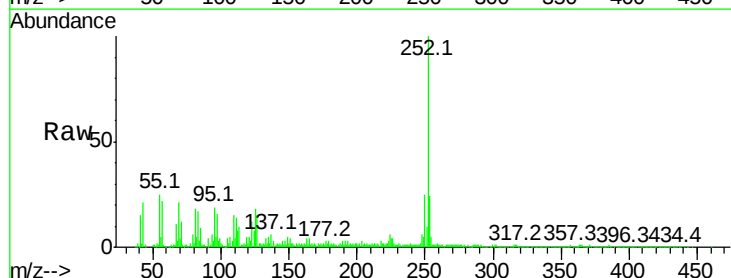
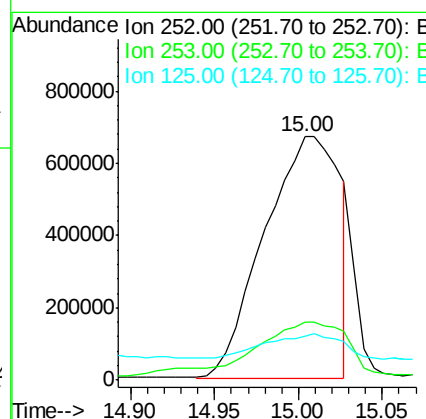
Manual Integrations
APPROVED

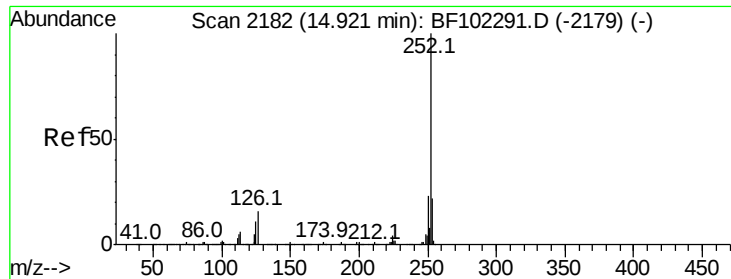
Sohil
1/27/2018 1:46:44 PM



#87
Benzo(b)fluoranthene
Concen: 231.215 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.11 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	17.9	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 17.105 ng m

RT: 15.03 min Scan# 2200

Delta R.T. 0.10 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

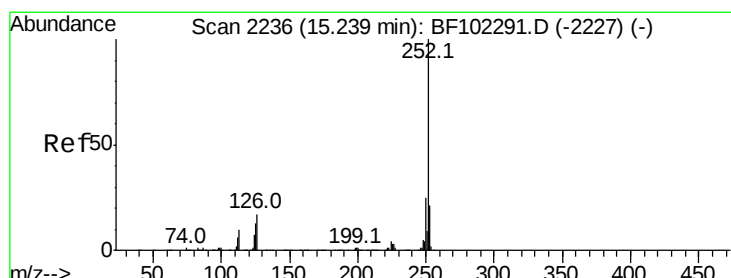
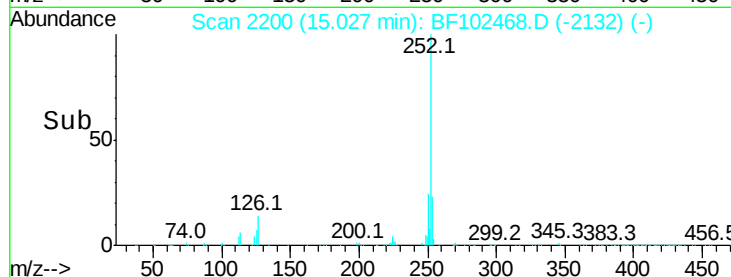
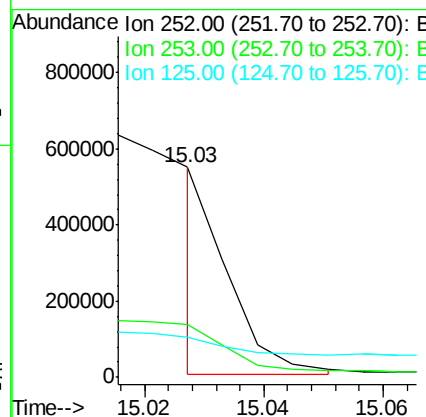
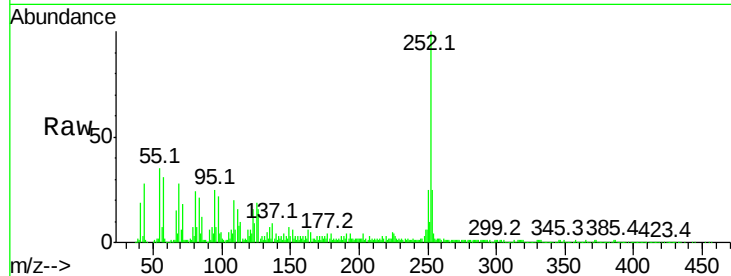
ClientSampleId :

WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	19.3	10.2	15.2

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#89

Benzo(a)pyrene

Concen: 156.793 ng m

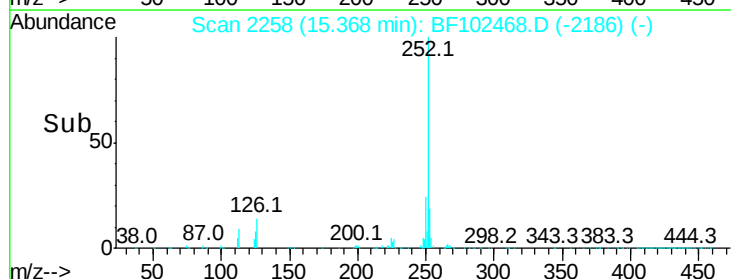
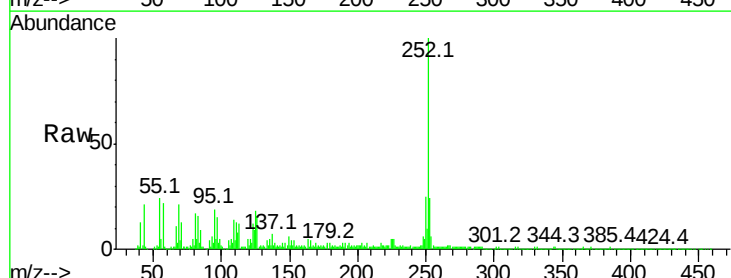
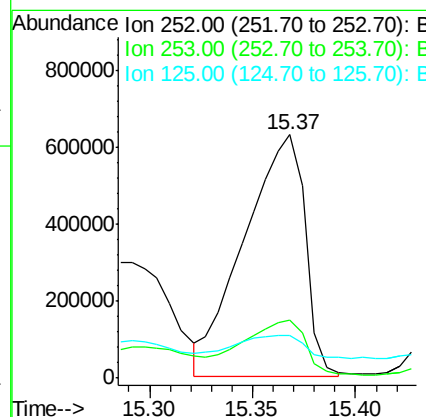
RT: 15.37 min Scan# 2258

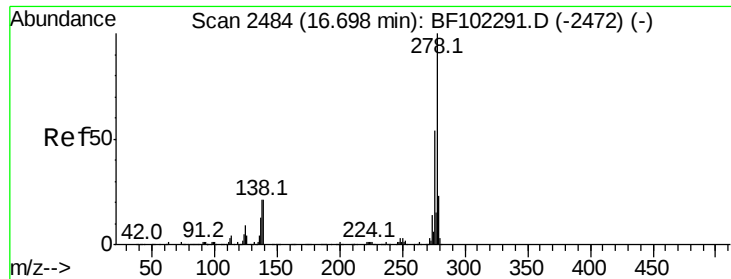
Delta R.T. 0.12 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	17.6	9.8	14.6





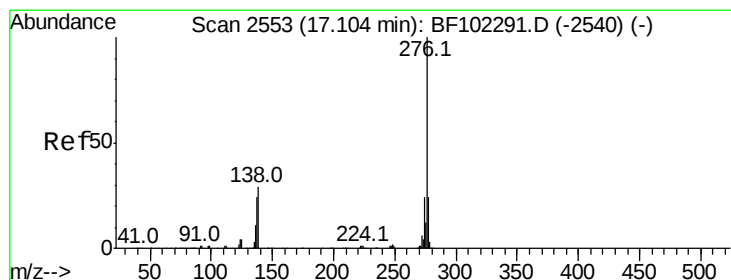
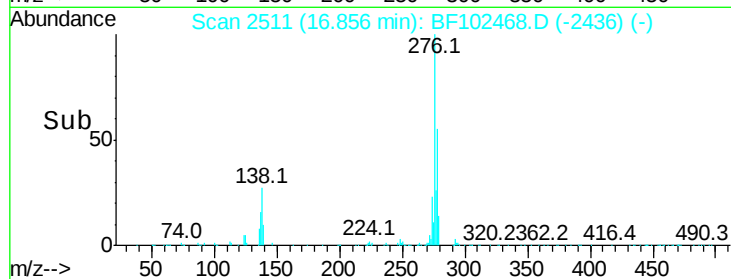
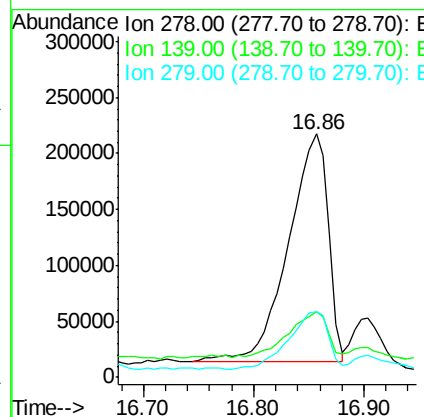
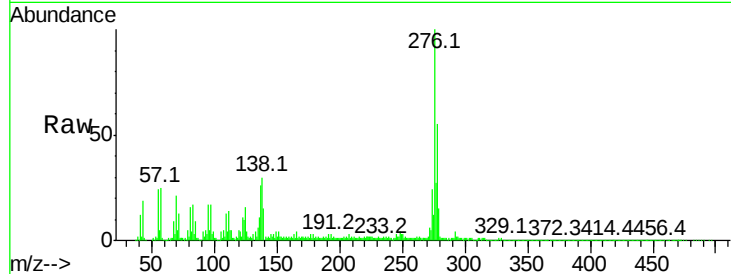
#90
Dibenzo(a,h)anthracene
Concen: 74.889 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.14 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.9	23.9
279	27.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/27/2018 1:46:44 PM



#91
Benzo(g,h,i)perylene
Concen: 168.353 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.16 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	29.4	21.8	32.8

