

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103314.D
 Acq On : 1 Mar 2018 00:44
 Operator : SJ/JU
 Sample : J1721-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM

Quant Time: Mar 01 01:34:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155939	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	633070	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	249886	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350319	20.00	ng	0.00
75) Chrysene-d12	14.06	240	239777	20.00	ng	0.00
86) Perylene-d12	15.56	264	199761	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1053892	102.22	ng	0.01
7) Phenol-d6	6.52	99	1252595	99.28	ng	0.00
23) Nitrobenzene-d5	7.45	82	843041	76.05	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	165224	78.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1058079	69.88	ng	0.00
78) Terphenyl-d14	12.99	244	667111	66.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	183194	33.641	ng	94
3) Pyridine	3.48	79	502168	34.541	ng	98
4) n-Nitrosodimethylamine	3.42	42	281533	48.016	ng	# 85
6) Aniline	6.54	93	336608	18.487	ng	# 86
8) 2-Chlorophenol	6.66	128	393390	36.728	ng	91
9) Benzaldehyde	6.43	77	199417	23.013	ng	93
10) Phenol	6.53	94	535872	36.587	ng	87
11) bis(2-Chloroethyl)ether	6.61	93	416973	37.510	ng	92
12) 1,3-Dichlorobenzene	6.82	146	421558	34.441	ng	97
13) 1,4-Dichlorobenzene	6.89	146	421595	34.355	ng	99
14) 1,2-Dichlorobenzene	7.05	146	386706	34.175	ng	99
15) Benzyl Alcohol	7.02	79	352218	37.048	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	673931	35.305	ng	90
17) 2-Methylphenol	7.13	107	338275	34.753	ng	# 94
18) Hexachloroethane	7.38	117	139681	31.267	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	283220	36.070	ng	94
20) 3+4-Methylphenols	7.29	107	407365	34.332	ng	# 52
22) Acetophenone	7.29	105	527472	35.696	ng	# 87
24) Nitrobenzene	7.46	77	463150	37.948	ng	97
25) Isophorone	7.70	82	832512	38.131	ng	96
26) 2-Nitrophenol	7.77	139	195609	34.045	ng	91
27) 2,4-Dimethylphenol	7.81	122	359706	40.957	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	514969	40.118	ng	99
29) 2,4-Dichlorophenol	8.02	162	328463	39.064	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	306350	34.214	ng	99
31) Naphthalene	8.18	128	1114190	35.949	ng	99
32) Benzoic acid	7.90	122	9848m	8.207	ng	
33) 4-Chloroaniline	8.23	127	175971	13.157	ng	97
34) Hexachlorobutadiene	8.29	225	157730	33.828	ng	99
35) Caprolactam	8.60	113	107669	36.434	ng	# 76
36) 4-Chloro-3-methylphenol	8.72	107	344927	36.369	ng	99
37) 2-Methylnaphthalene	8.87	142	696338	34.764	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	253602	37.123	ng	98
40) Hexachlorocyclopentadiene	9.02	237	6543	11.297	ng	97

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103314.D
 Acq On : 1 Mar 2018 00:44
 Operator : SJ/JU
 Sample : J1721-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

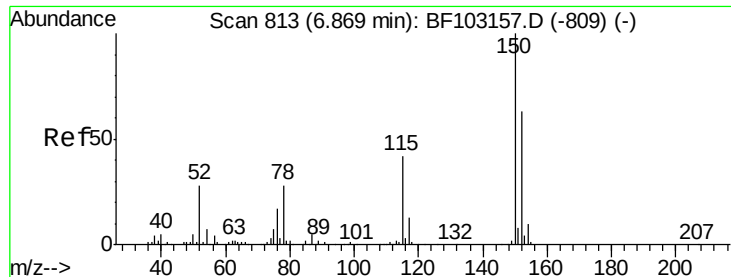
Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM

Quant Time: Mar 01 01:34:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	179186	38.982	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	186023	35.186	nq	98
45) 1,1'-Biphenyl	9.33	154	768134	36.684	nq	99
46) 2-Chloronaphthalene	9.36	162	598660	36.138	nq	99
47) 2-Nitroaniline	9.46	65	254327	41.447	nq	84
48) Acenaphthylene	9.78	152	896660	35.180	nq	99
49) Dimethylphthalate	9.63	163	808326	40.323	nq	99
50) 2,6-Dinitrotoluene	9.70	165	147290	35.013	nq	89
51) Acenaphthene	9.95	154	520228	35.003	nq	99
52) 3-Nitroaniline	9.87	138	155039	29.049	nq	98
53) 2,4-Dinitrophenol	10.01	184	432	9.871	nq #	76
54) Dibenzofuran	10.12	168	756480	37.078	nq	95
55) 4-Nitrophenol	10.05	139	182556	55.188	nq	89
56) 2,4-Dinitrotoluene	10.11	165	168293	31.631	nq #	79
57) Fluorene	10.47	166	578410	33.280	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	114957	32.368	nq #	92
59) Diethylphthalate	10.33	149	684703	35.713	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	257926	34.996	nq	95
61) 4-Nitroaniline	10.49	138	157957	29.630	nq	95
62) Azobenzene	10.62	77	697133	35.722	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	4754	6.946	nq #	68
65) n-Nitrosodiphenylamine	10.57	169	497373	40.776	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	137454	37.666	nq	96
67) Hexachlorobenzene	11.02	284	131081	33.094	nq	94
68) Atrazine	11.10	200	143868	39.242	nq	98
69) Pentachlorophenol	11.22	266	99237	51.816	nq	97
70) Phenanthrene	11.43	178	920400	47.741	nq	99
71) Anthracene	11.49	178	758958	38.390	nq	100
72) Carbazole	11.64	167	669919	34.028	nq	98
73) Di-n-butylphthalate	11.96	149	917482	37.244	nq	99
74) Fluoranthene	12.63	202	974047	50.278	nq	99
76) Benzidine	12.75	184	321304	35.843	nq	98
77) Pyrene	12.86	202	958220	51.257	nq	99
79) Butylbenzylphthalate	13.46	149	352644	35.703	nq	90
80) Benzo(a)anthracene	14.05	228	739528	47.535	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	171017	30.802	nq	98
82) Chrysene	14.09	228	675667	44.728	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	484991	36.387	nq #	99
84) Di-n-octyl phthalate	14.63	149	849716	39.457	nq	96
85) Indeno(1,2,3-cd)pyrene	17.09	276	432409	36.157	nq	99
87) Benzo(b)fluoranthene	15.12	252	647493	49.299	nq	98
88) Benzo(k)fluoranthene	15.14	252	519998	42.044	nq	99
89) Benzo(a)pyrene	15.50	252	533094	45.452	nq	97
90) Dibenzo(a,h)anthracene	17.10	278	324695	35.827	nq	99
91) Benzo(g,h,i)perylene	17.55	276	362714	40.949	nq	96

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



#1

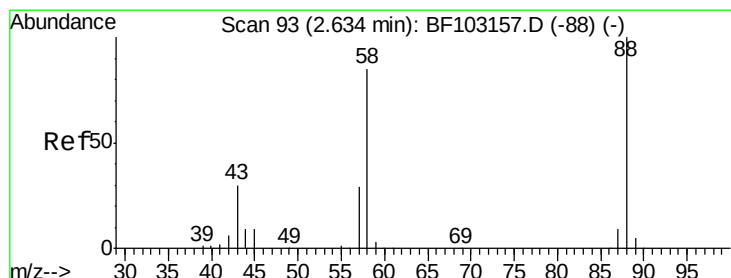
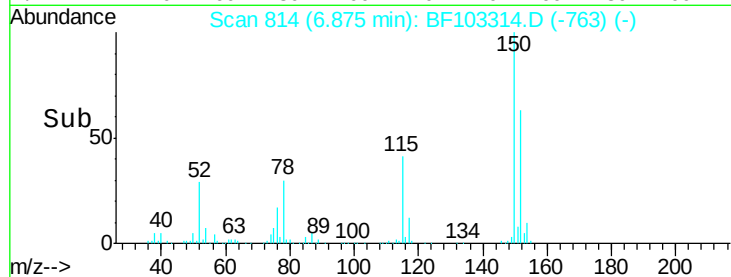
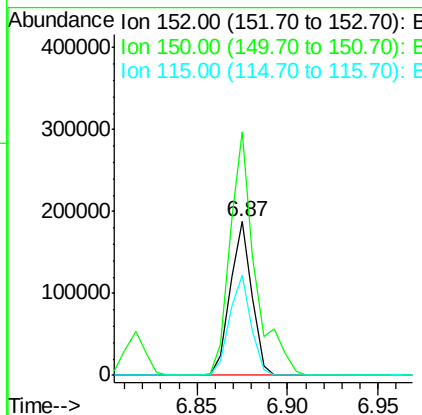
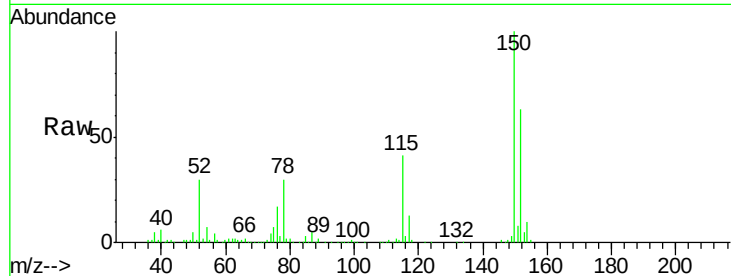
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	65.5	50.1	75.1

Manual Integrations
APPROVED

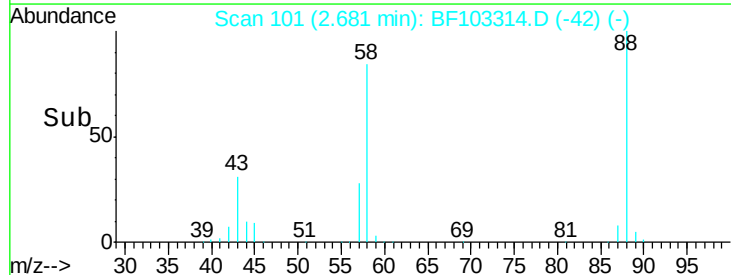
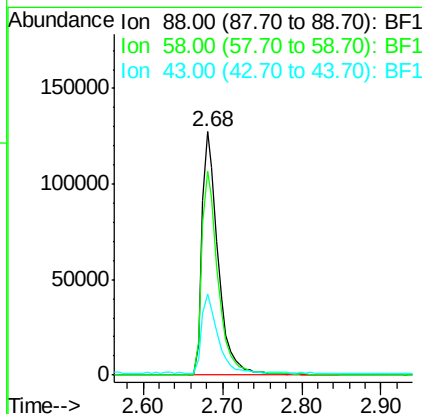
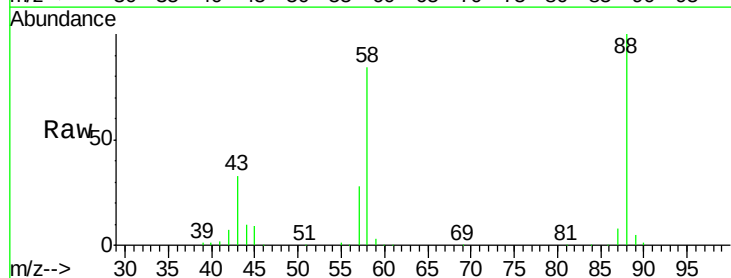
Sohil
3/1/2018 11:43:38 AM

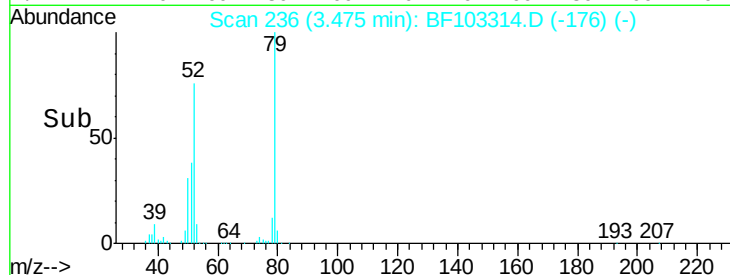
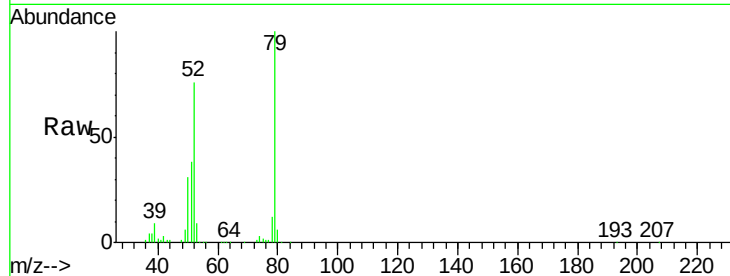
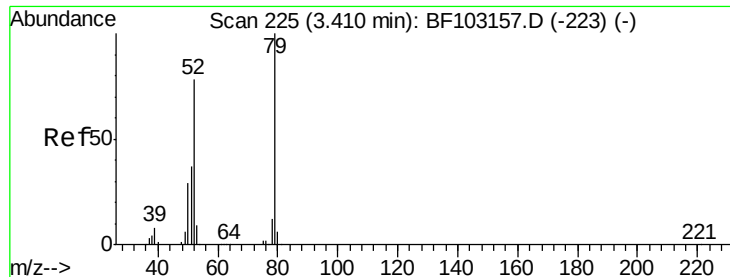


#2

1,4-Dioxane
Concen: 33.641 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	62.6	93.8
43	32.1	24.6	37.0





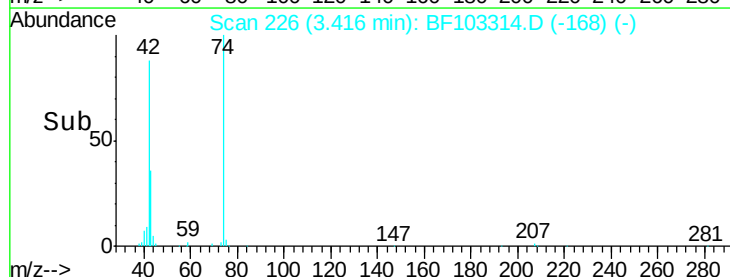
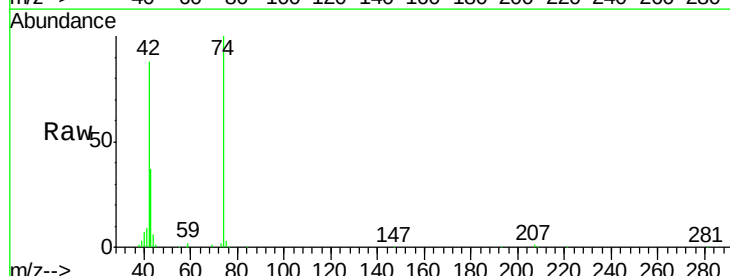
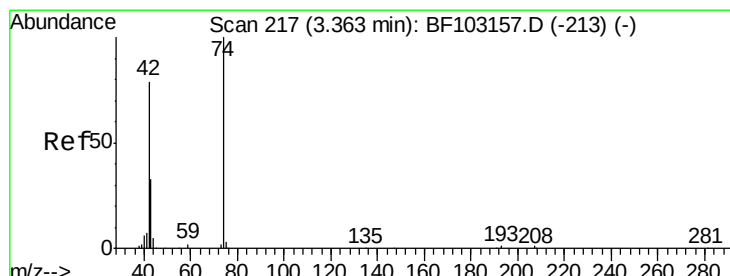
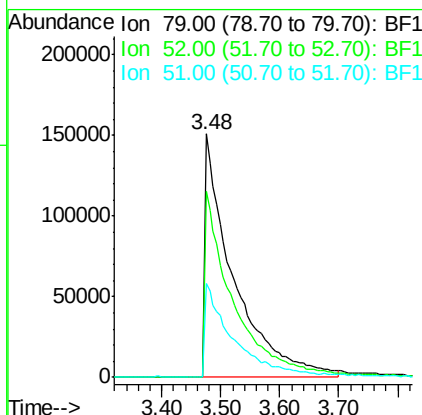
#3
 Pvridine
 Concen: 34.541 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.05 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tot Ion:	79	Resp:	502168
Ion Ratio	Lower	Upper	
79	100		
52	76.3	59.8	89.6
51	38.5	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

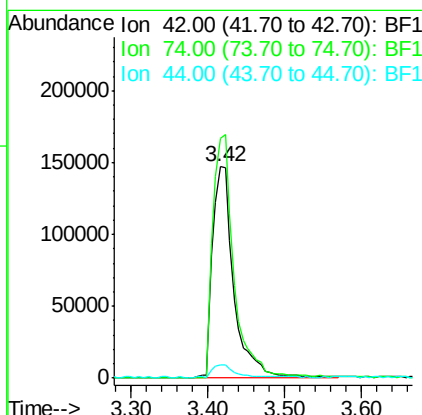
Manual Integrations
 APPROVED

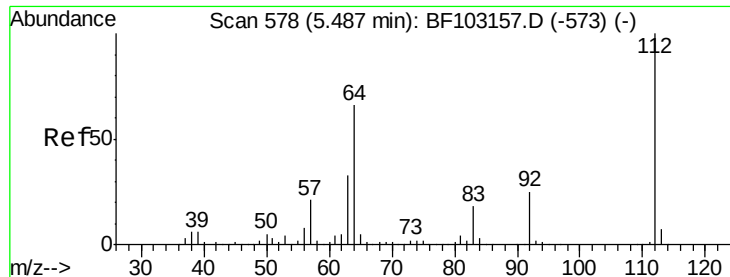
Sohil
 3/1/2018 11:43:38 AM



#4
 n-Nitrosodimethylamine
 Concen: 48.016 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.04 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tgt Ion:	42	Resp:	281533
Ion Ratio	Lower	Upper	
42	100		
74	113.5	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 102.215 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

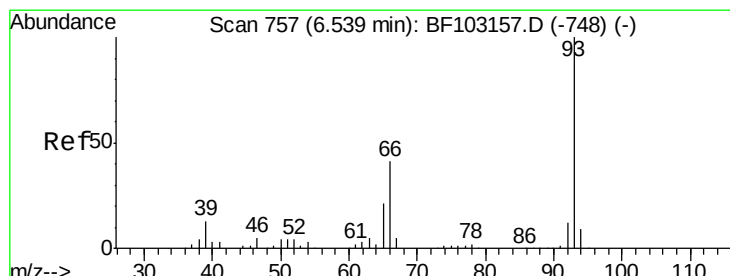
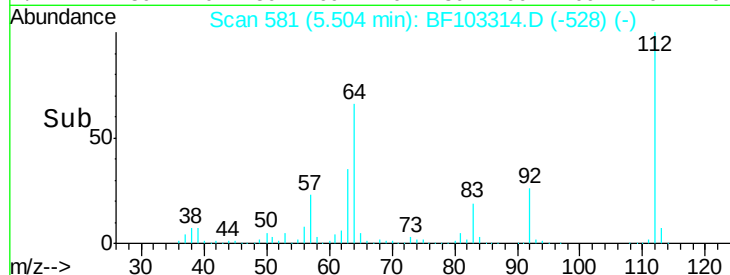
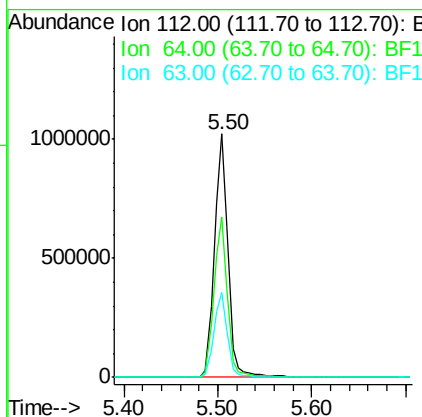
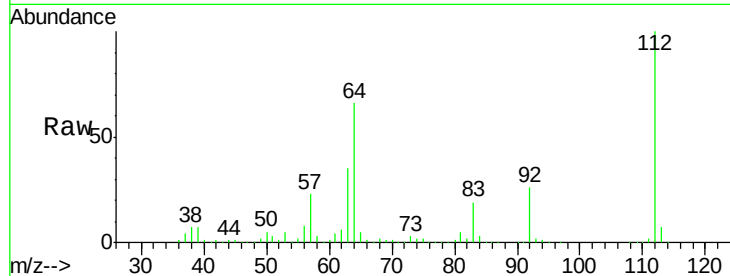
ClientSampled :

SP-28MSD

Tot Ion:	112	Resp:	1053892
Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	34.7	23.7	35.5

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#6

Aniline

Concen: 18.487 ng

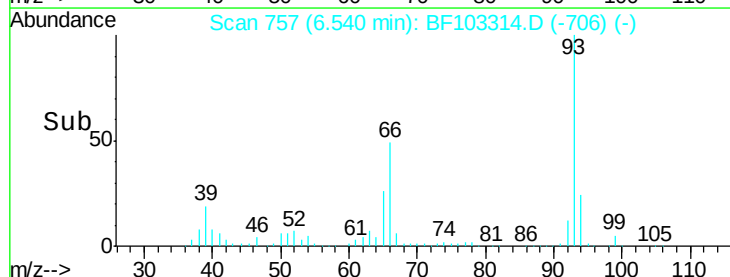
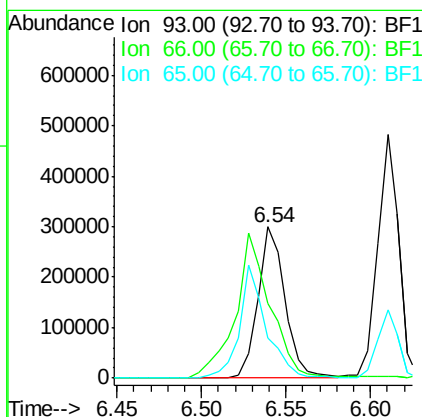
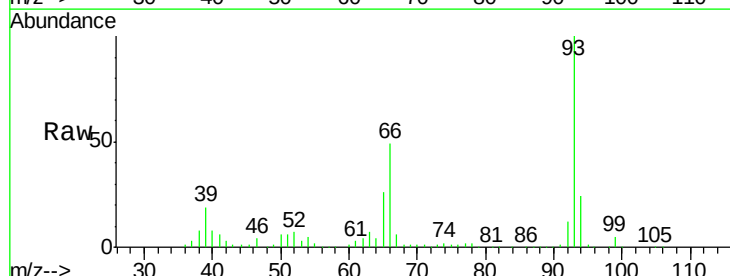
RT: 6.54 min Scan# 757

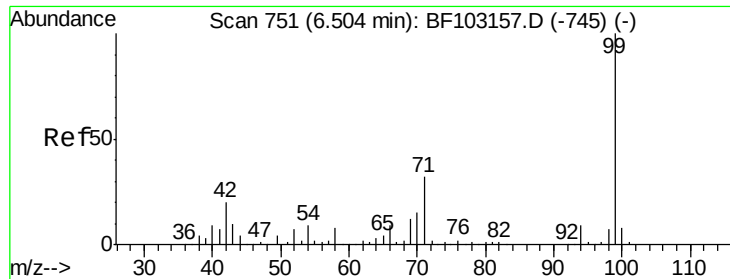
Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	93	Resp:	336608
Ion	Ratio	Lower	Upper
93	100		
66	49.4	32.2	48.2#
65	26.5	16.4	24.6#





#7

Phenol-d6

Concen: 99.283 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

ClientSampled :

SP-28MSD

Tot Ion: 99 Resp: 1252595

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

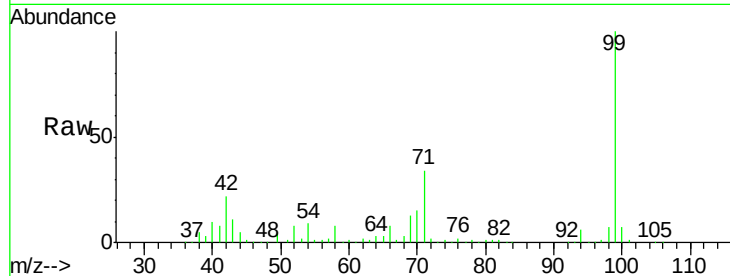
71 34.1 25.4 38.0

Manual Integrations

APPROVED

Sohil

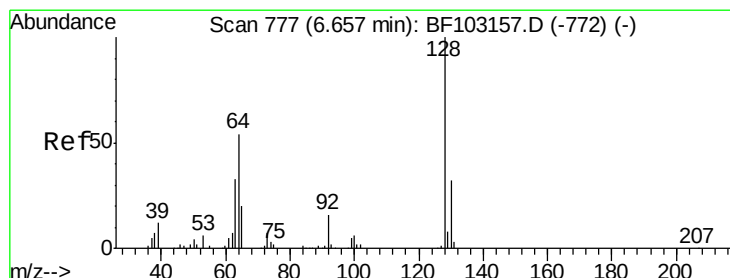
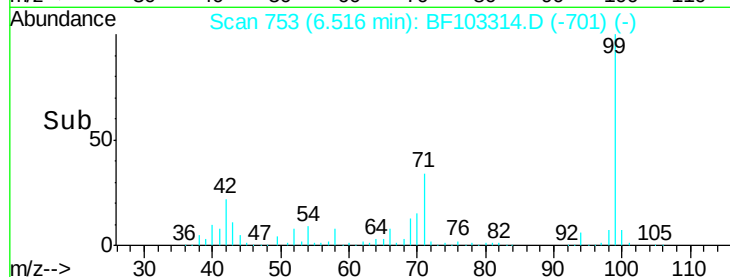
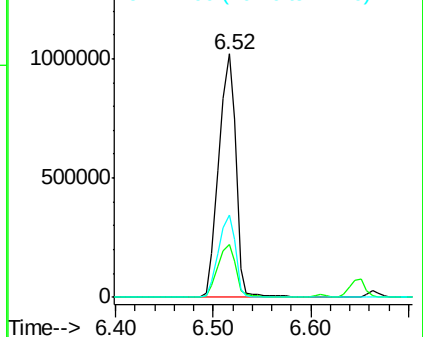
3/1/2018 11:43:38 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.728 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

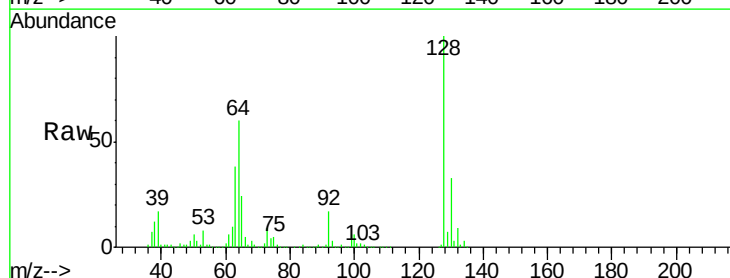
Tgt Ion:128 Resp: 393390

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

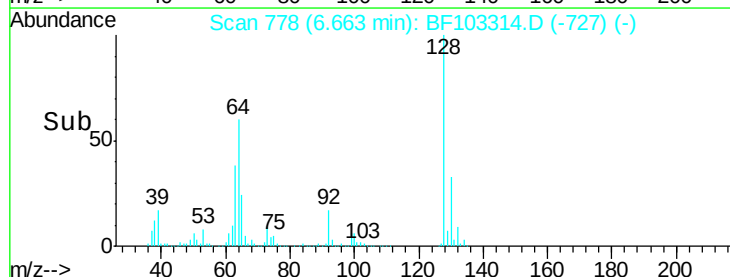
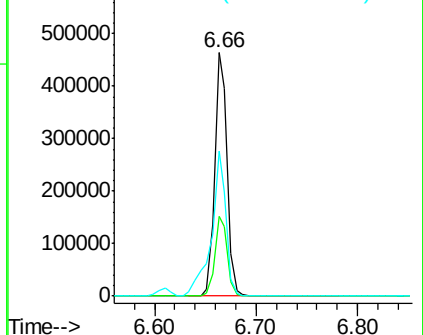
64 59.8 29.4 69.4

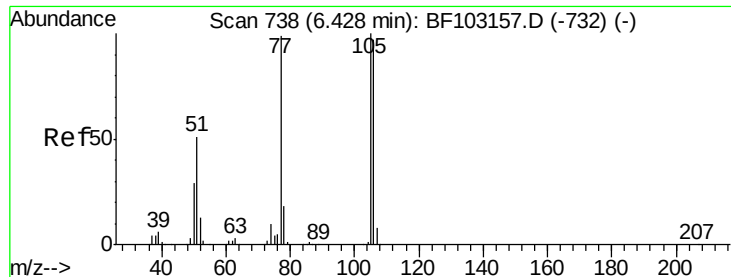


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.013 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

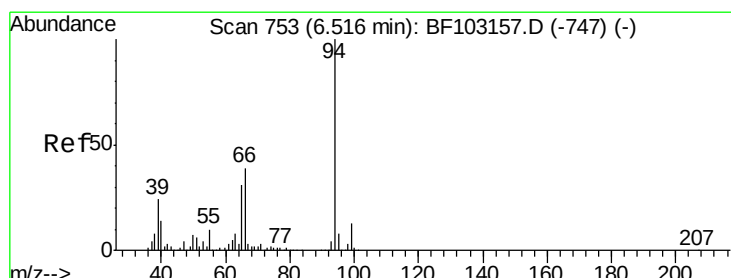
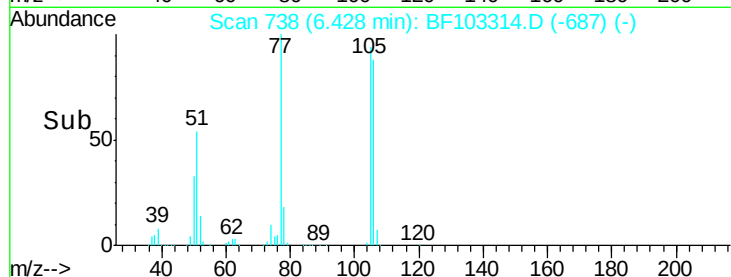
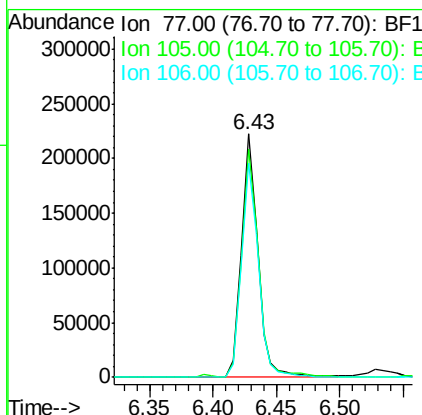
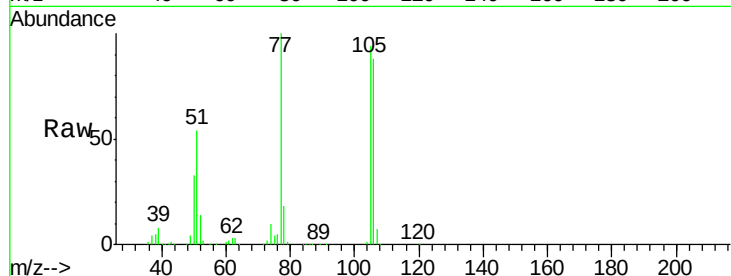
ClientSampleId :

SP-28MSD

Tot Ion:	77	Resp:	199417
Ion Ratio	Lower	Upper	
77	100		
105	93.6	81.1	121.1
106	87.9	74.5	114.5

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#10

Phenol

Concen: 36.587 ng

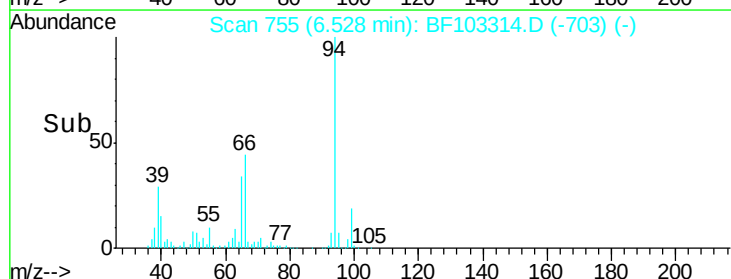
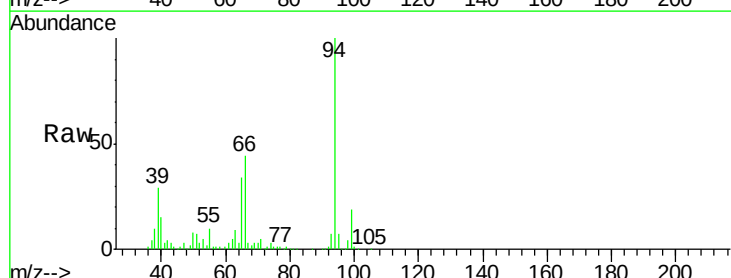
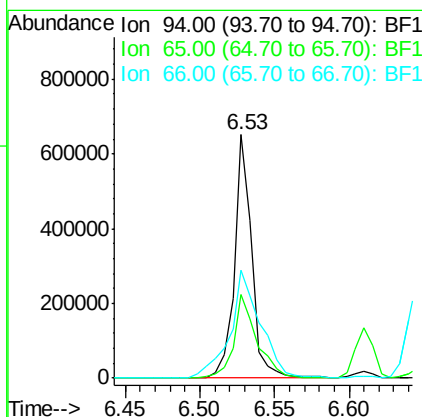
RT: 6.53 min Scan# 755

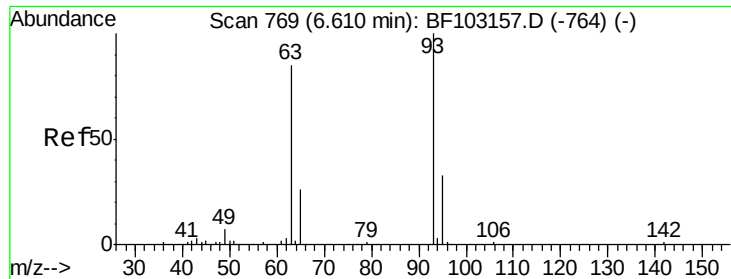
Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	94	Resp:	535872
Ion Ratio	Lower	Upper	
94	100		
65	34.3	7.9	47.9
66	44.1	16.2	56.2





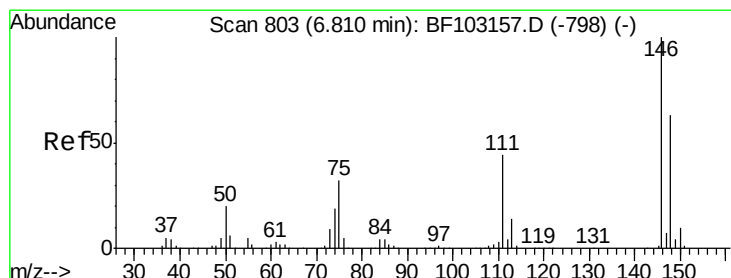
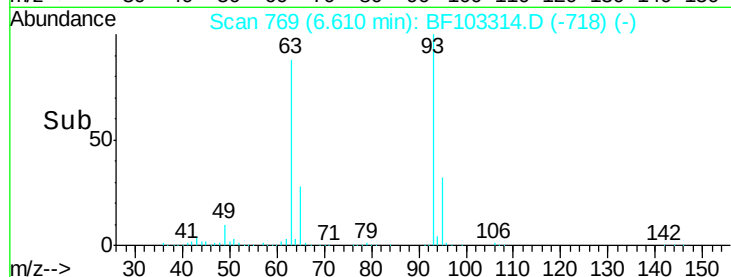
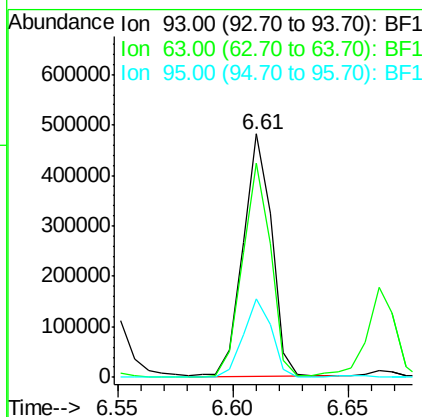
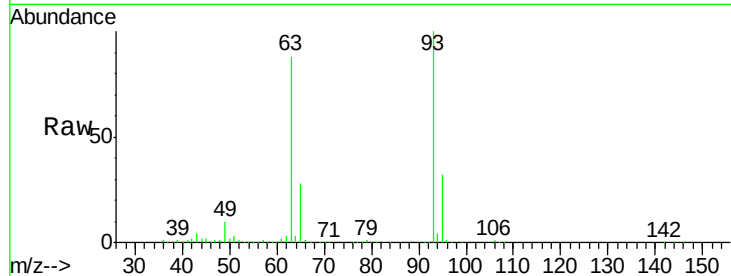
#11
bis(2-Chloroethyl)ether
Concen: 37.510 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	58.6	98.6
95	32.4	11.8	51.8

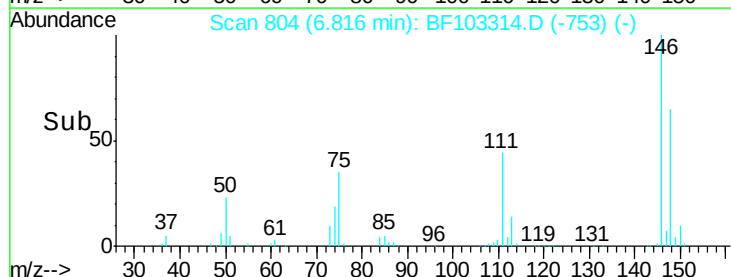
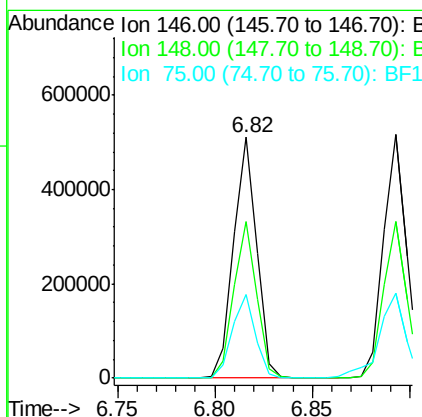
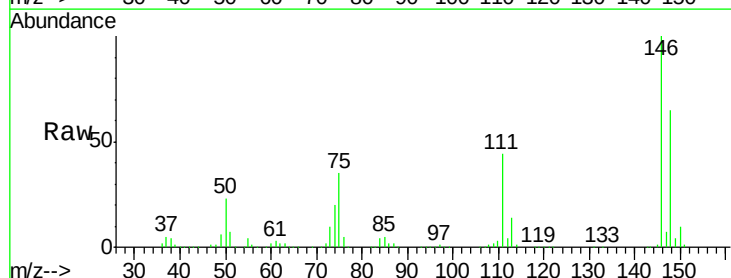
Manual Integrations
APPROVED

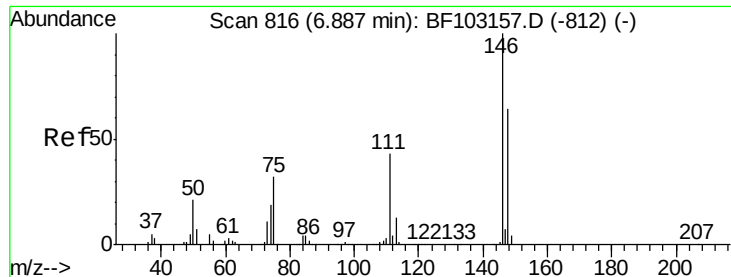
Sohil
3/1/2018 11:43:38 AM



#12
1,3-Dichlorobenzene
Concen: 34.441 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	34.9	24.2	36.4





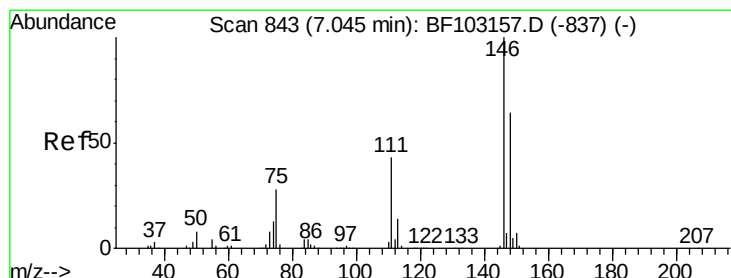
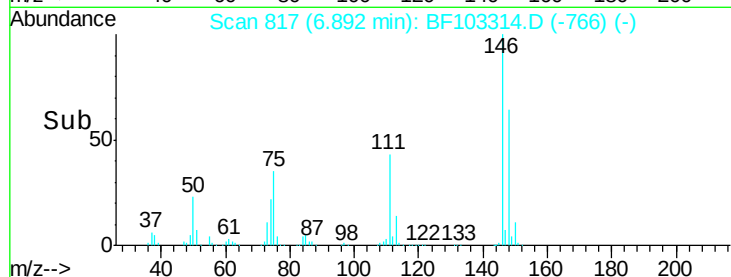
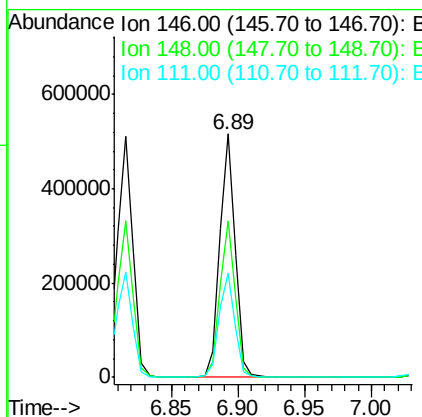
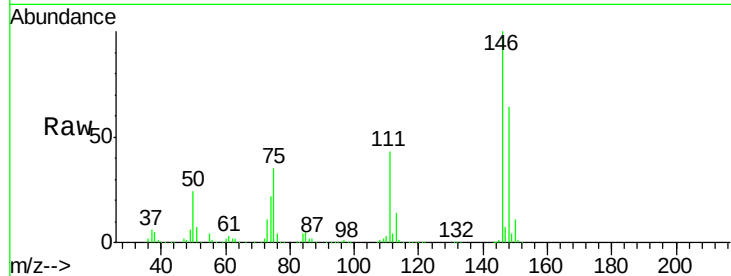
#13
1,4-Dichlorobenzene
Concen: 34.355 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	42.6	34.2	51.2

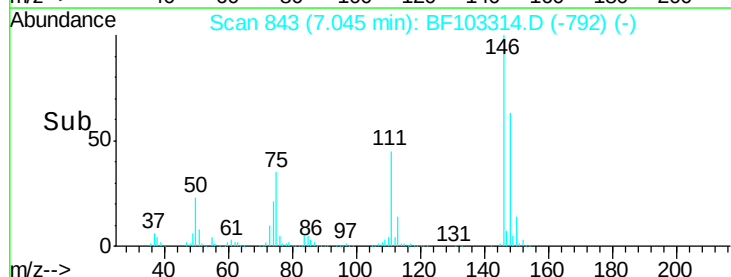
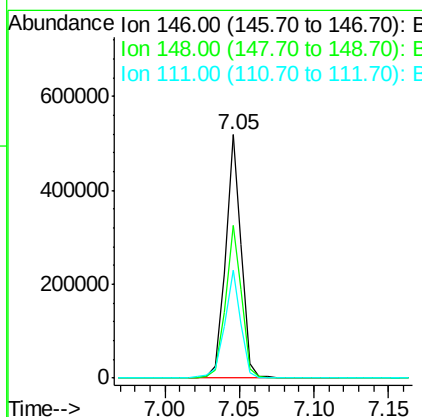
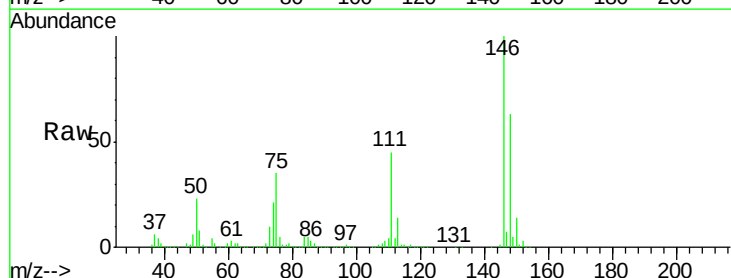
Manual Integrations
APPROVED

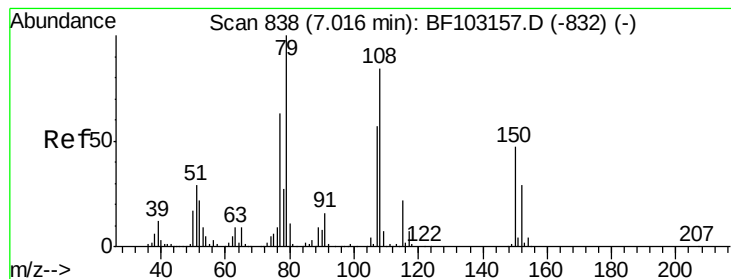
Sohil
3/1/2018 11:43:38 AM



#14
1,2-Dichlorobenzene
Concen: 34.175 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.048 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

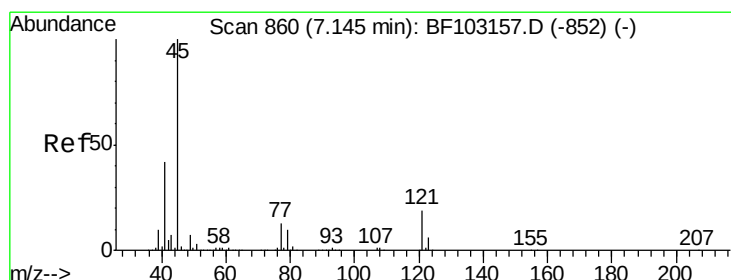
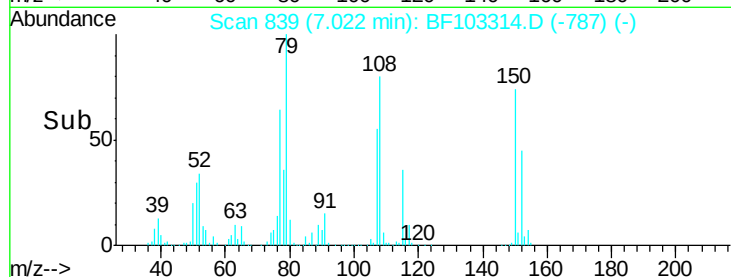
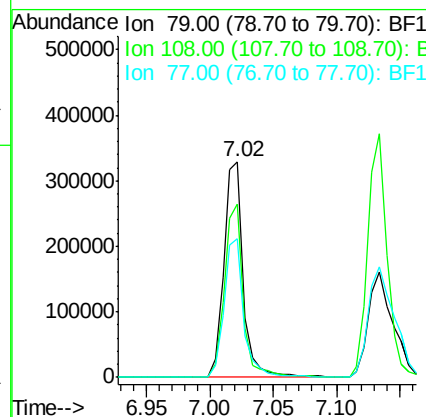
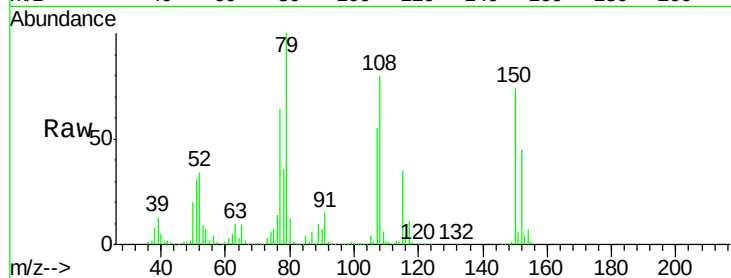
ClientSampled :

SP-28MSD

Tot Ion:	79	Resp:	352218
Ion Ratio	Lower	Upper	
79	100		
108	80.4	65.1	97.7
77	64.3	50.6	75.8

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.305 ng

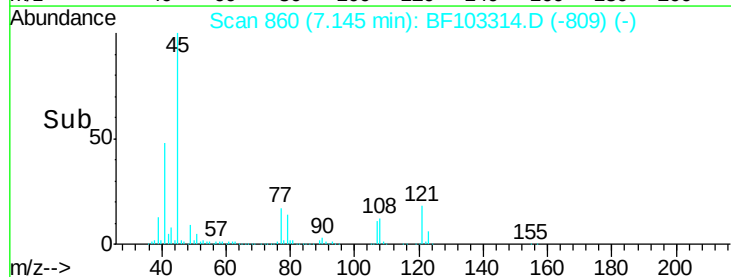
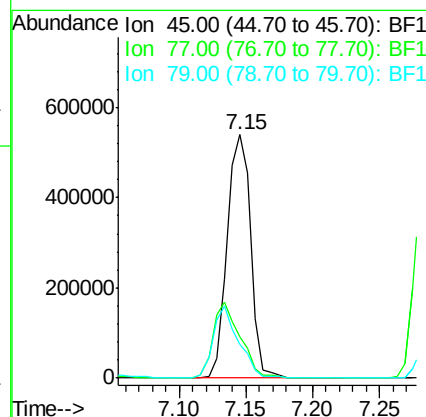
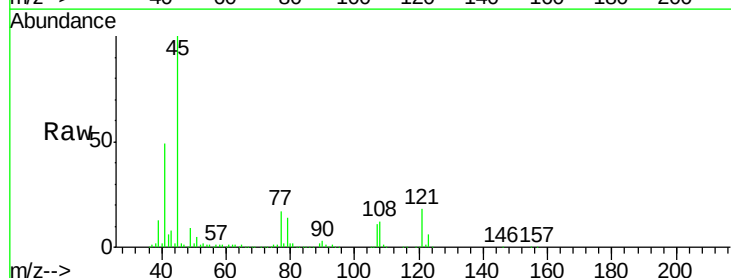
RT: 7.15 min Scan# 860

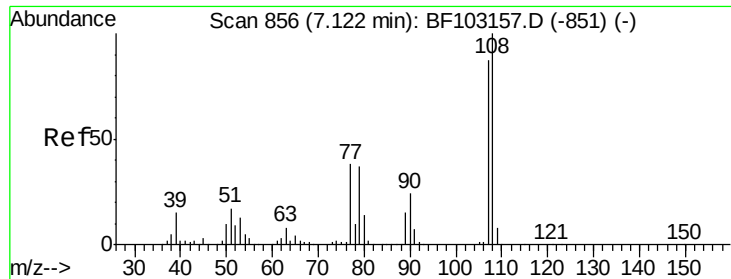
Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	45	Resp:	673931
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	32.9
79	13.8	0.0	29.6





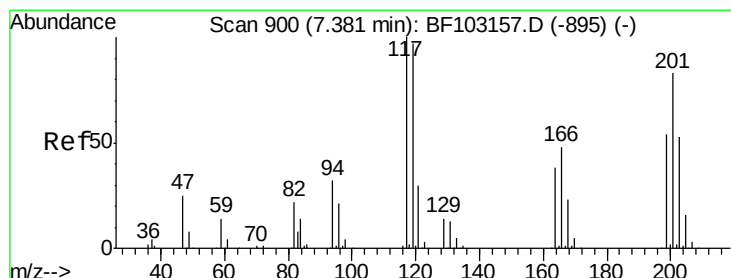
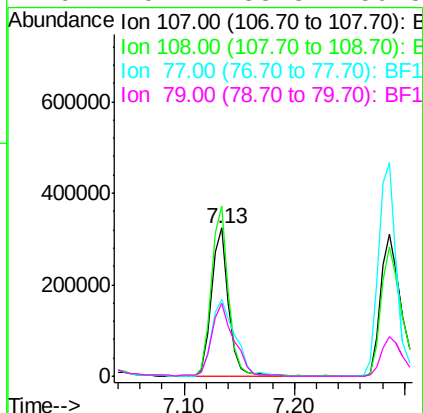
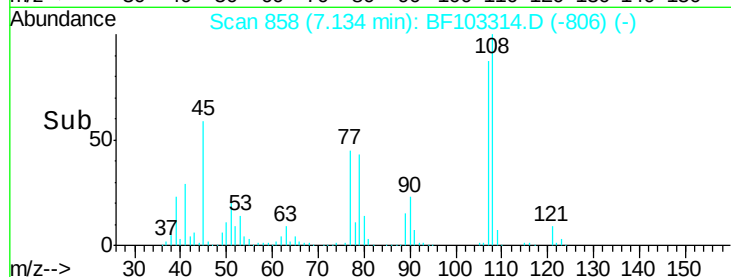
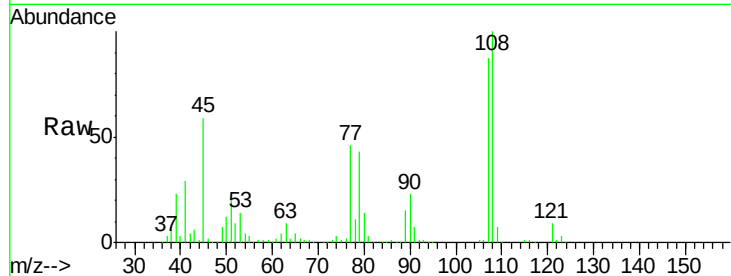
#17
2-Methylphenol
Concen: 34.753 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	338275		
108	114.8	91.7	137.5	
77	52.3	33.8	50.8	
79	49.7	33.8	50.8	

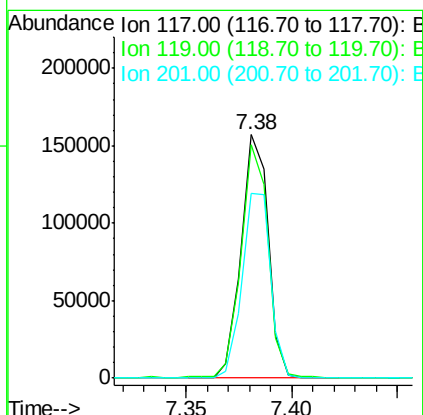
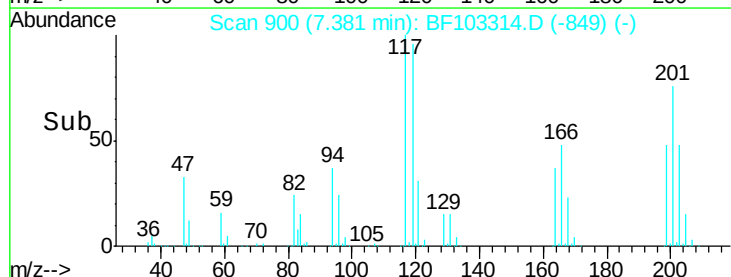
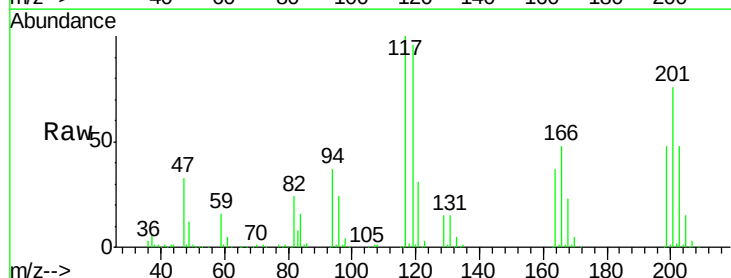
Manual Integrations
APPROVED

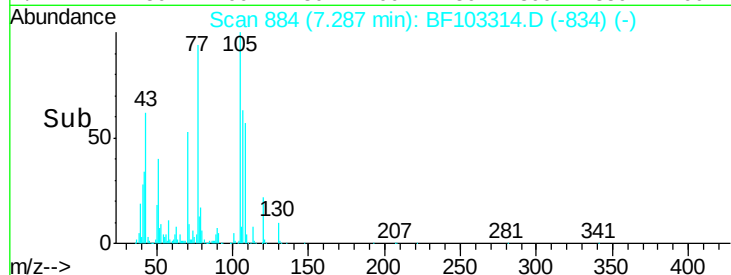
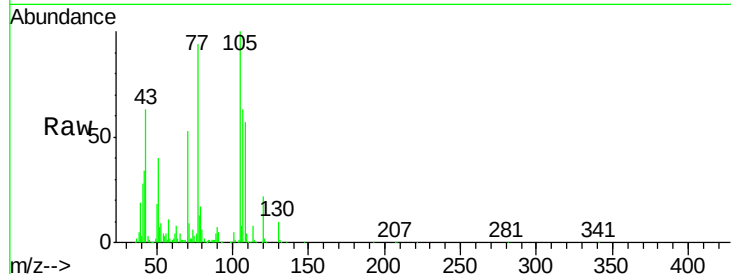
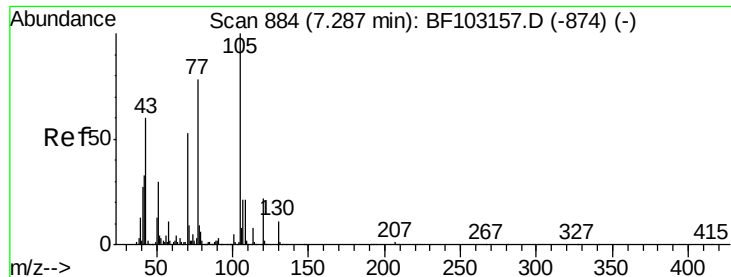
Sohil
3/1/2018 11:43:38 AM



#18
Hexachloroethane
Concen: 31.267 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139681		
119	95.8	75.8	113.8	
201	75.7	75.7	113.5	





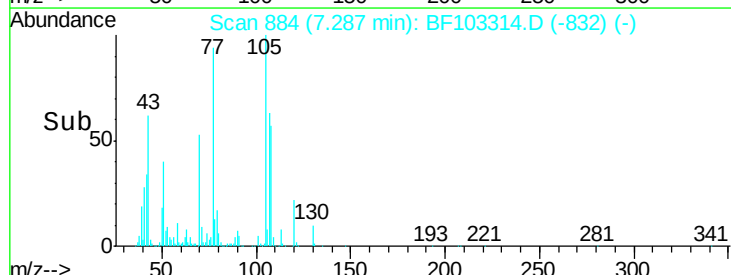
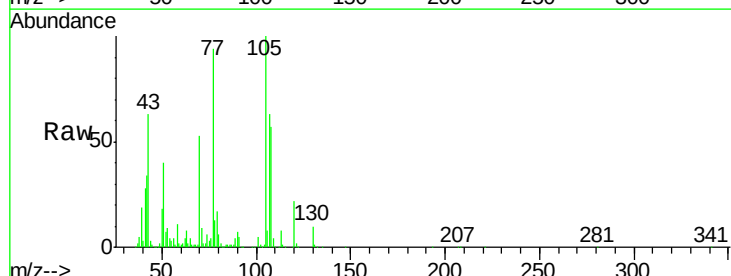
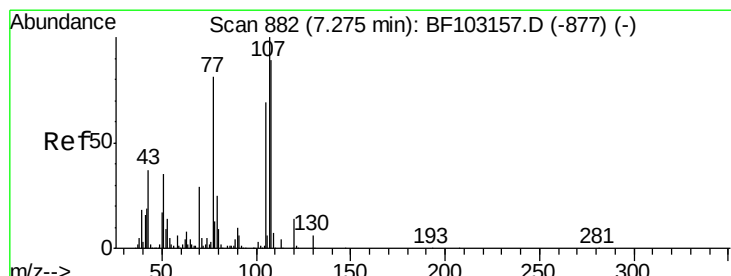
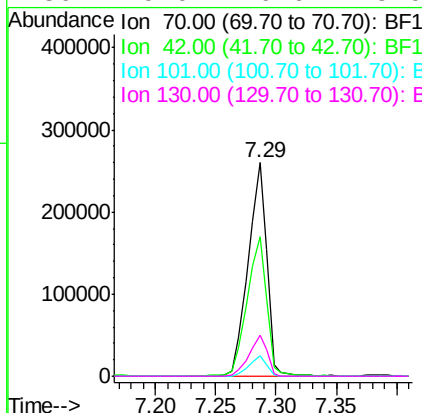
#19
n-Nitroso-di-n-propylamine
Concen: 36.070 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.6	47.5	71.3	
101	9.5	7.4	11.2	
130	19.0	16.6	25.0	

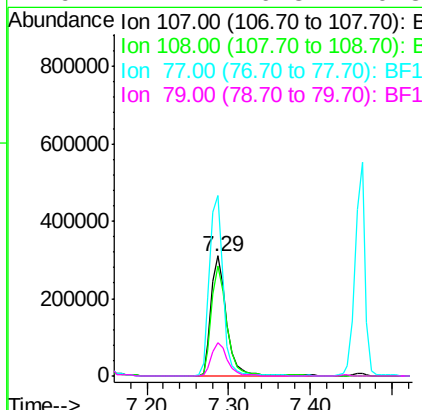
Manual Integrations
APPROVED

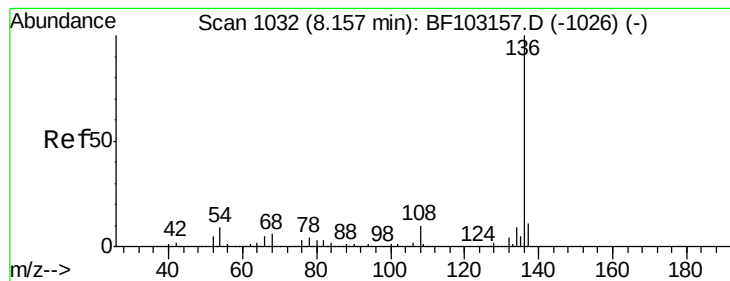
Sohil
3/1/2018 11:43:38 AM



#20
3+4-Methylphenols
Concen: 34.332 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	68.2	108.2	
77	150.6	26.7	66.7#	
79	27.7	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

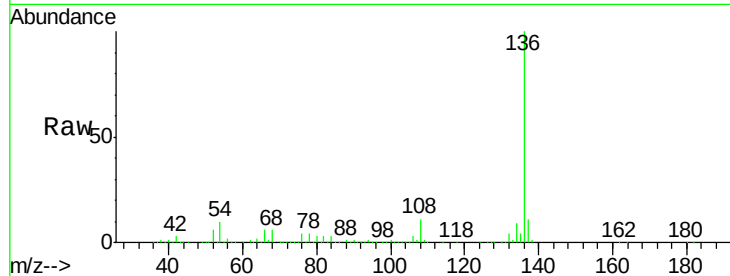
ClientSampleId :

SP-28MSD

Tot Ion	136	Resp	633070
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	6.4	5.0	7.4

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



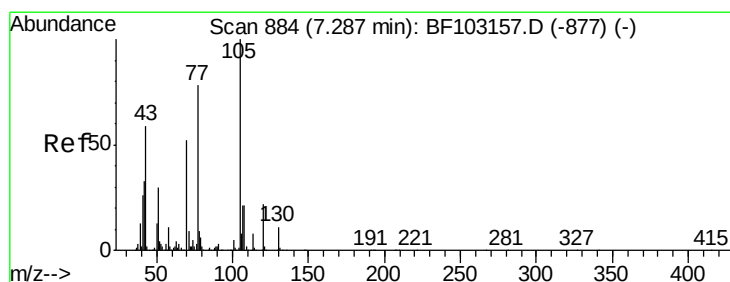
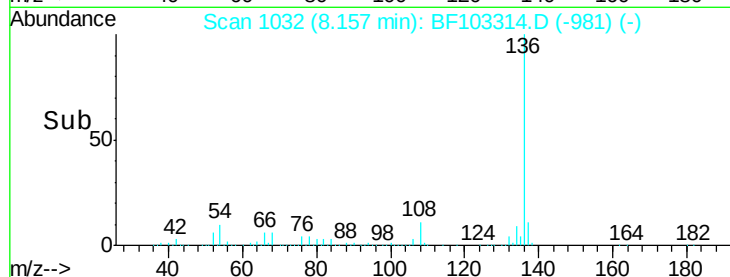
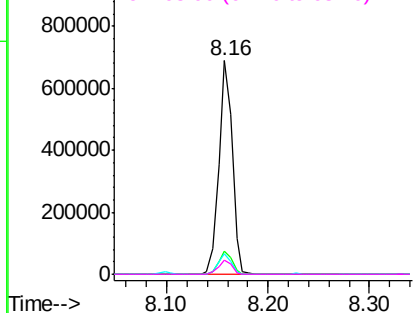
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.696 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion	105	Resp	527472
Ion Ratio	Lower	Upper	
105	100		
71	8.8	4.4	6.6#
51	39.8	22.3	33.5#
120	21.9	16.9	25.3

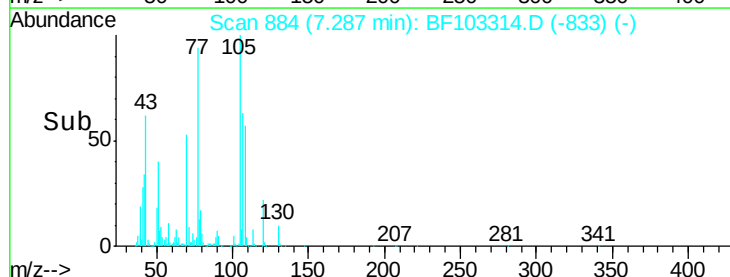
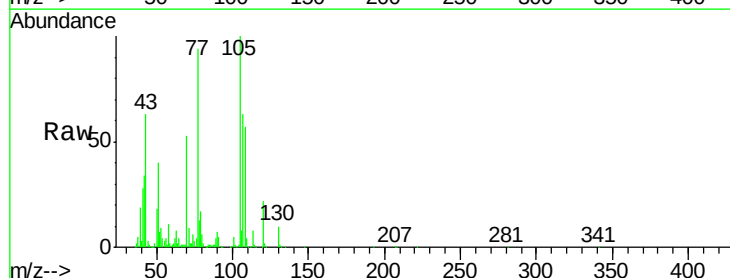
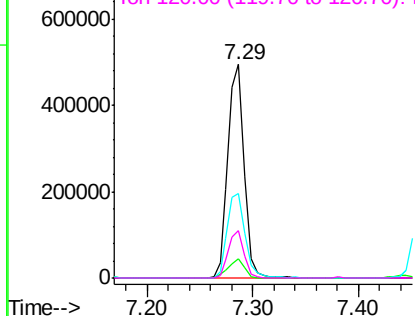
Abundance

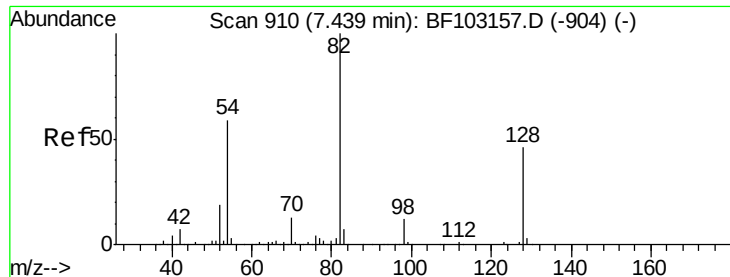
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





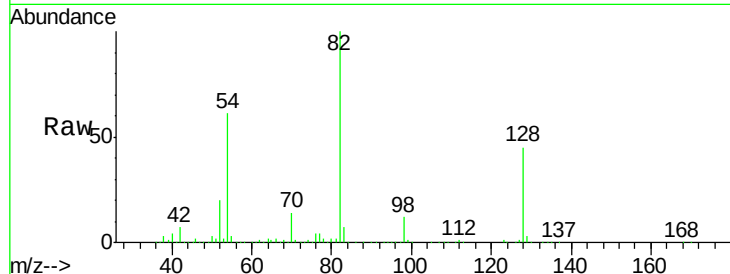
#23
Nitrobenzene-d5
Concen: 76.050 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampled :
SP-28MSD

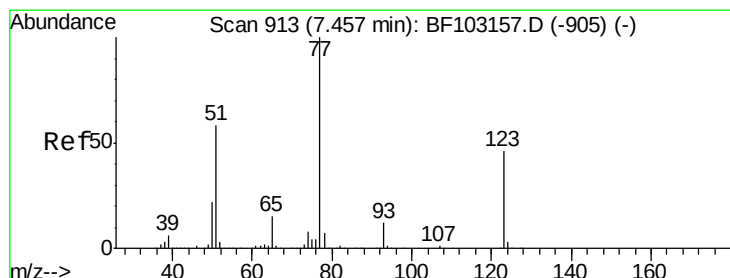
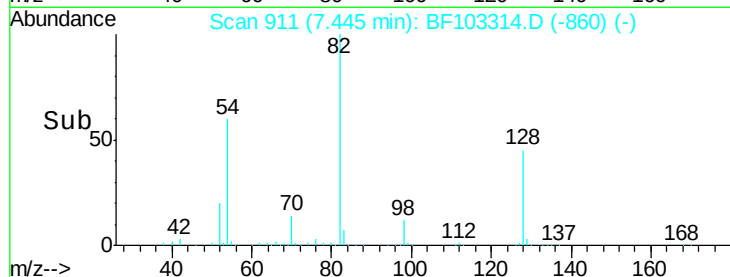
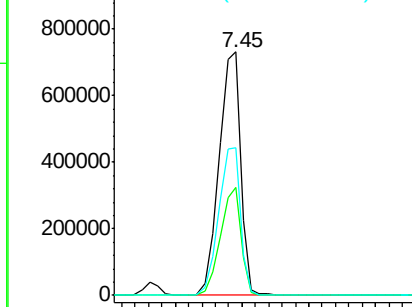
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	60.5	41.4	62.2

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



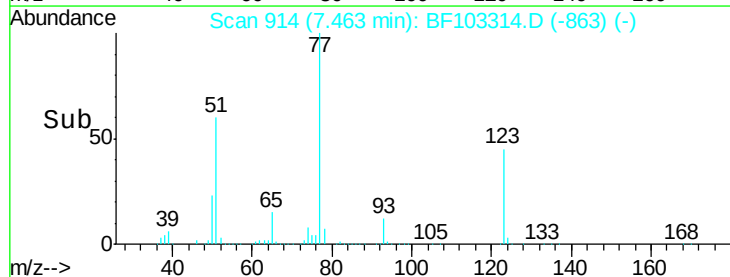
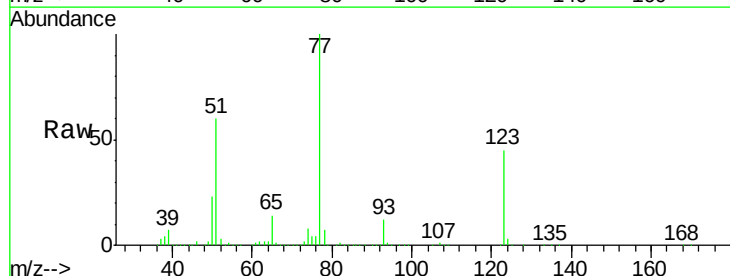
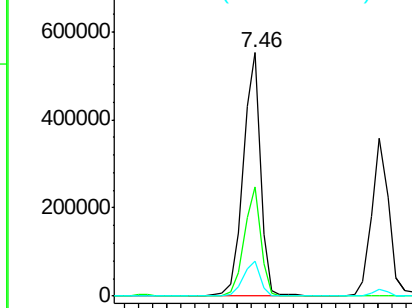
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

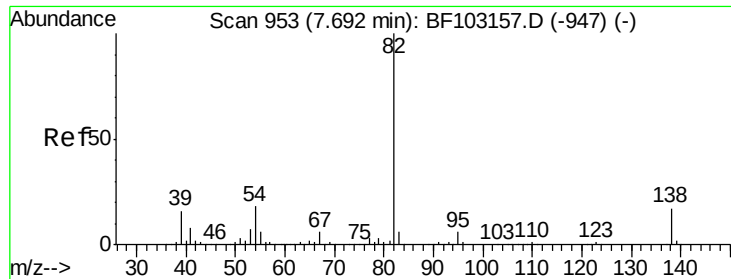


#24
Nitrobenzene
Concen: 37.948 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	37.9	56.9
65	14.5	11.0	16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.131 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

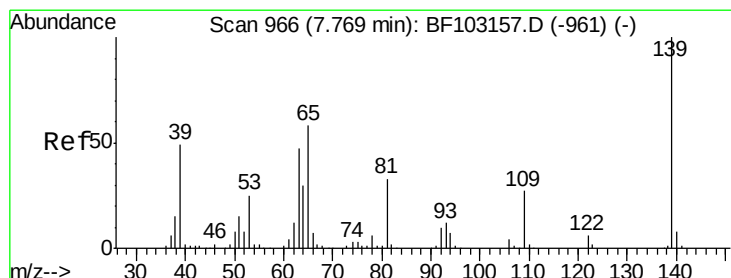
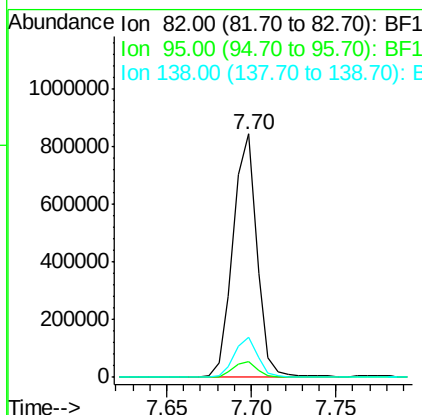
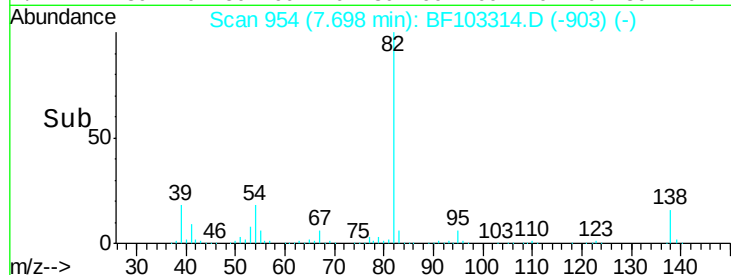
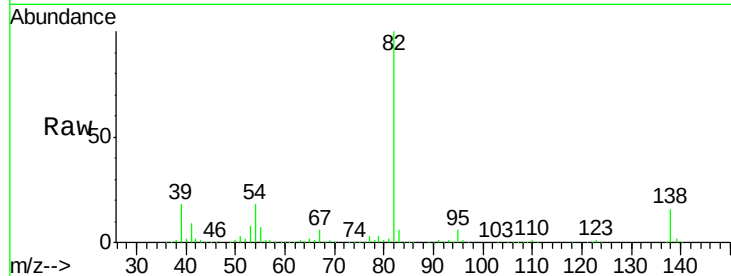
ClientSampleId :

SP-28MSD

Tot Ion:	82	Resp:	832512
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	16.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#26

2-Nitrophenol

Concen: 34.045 ng

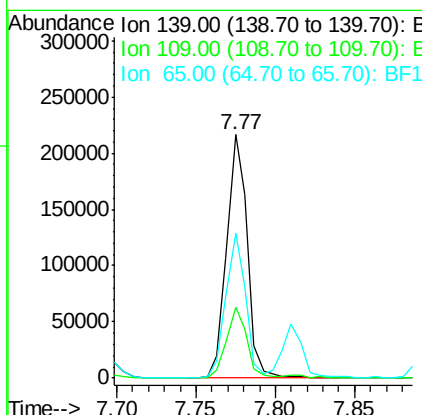
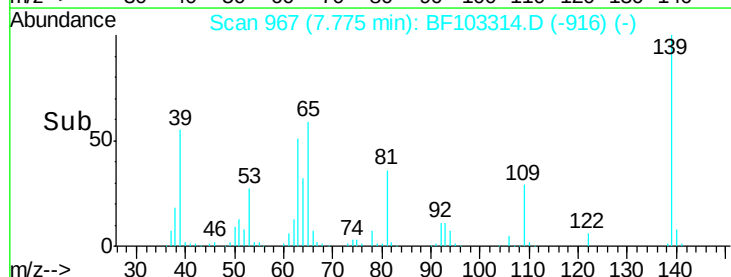
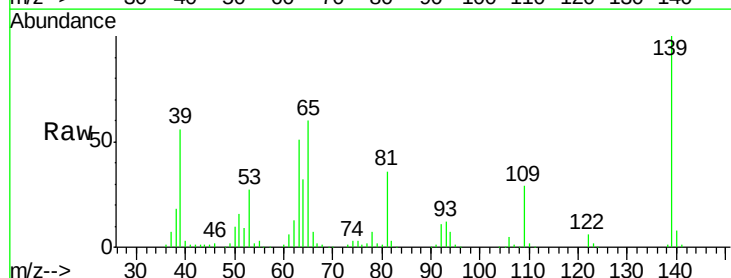
RT: 7.77 min Scan# 967

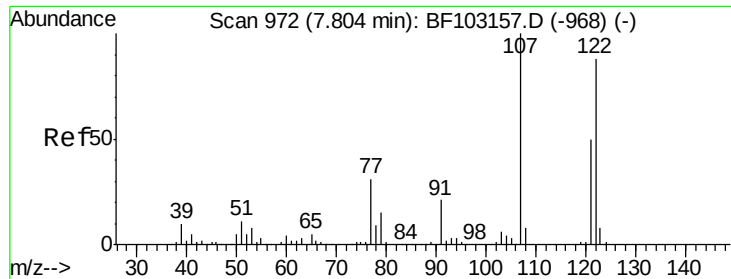
Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	139	Resp:	195609
Ion Ratio	Lower	Upper	
139	100		
109	28.8	22.7	34.1
65	59.7	40.5	60.7





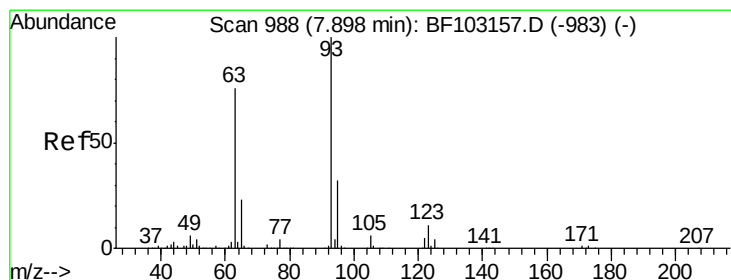
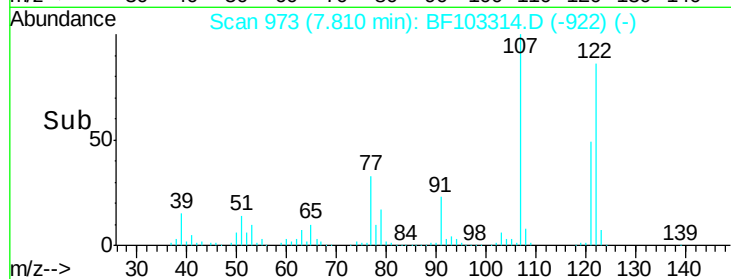
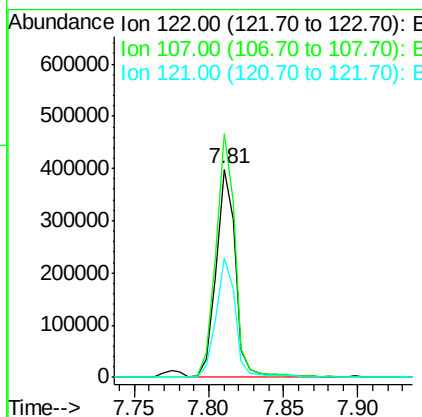
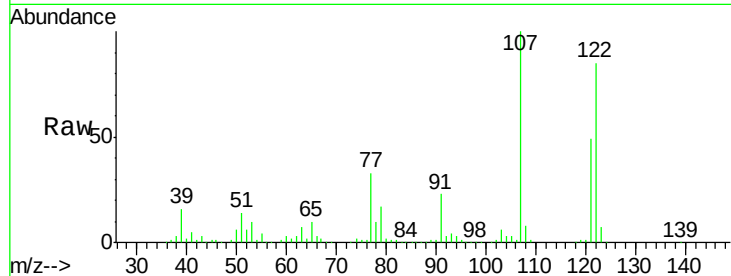
#27
2,4-Dimethylphenol
Concen: 40.957 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	91.2	136.8
121	57.5	47.2	70.8

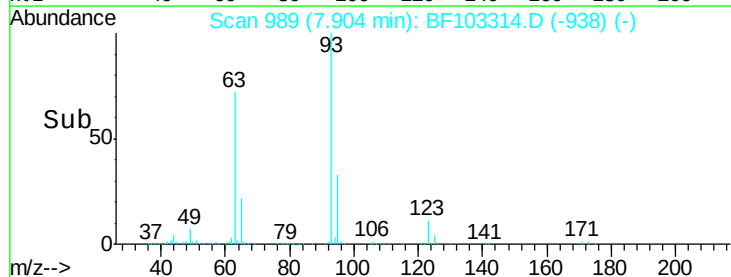
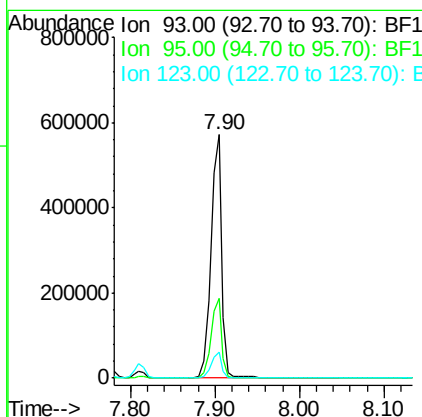
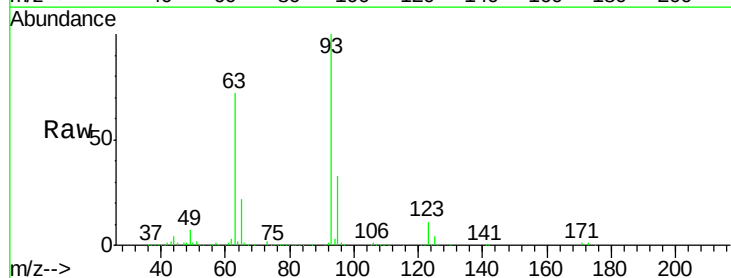
Manual Integrations
APPROVED

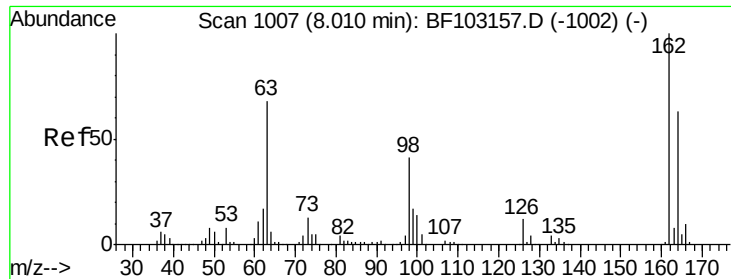
Sohil
3/1/2018 11:43:38 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.118 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	10.9	9.8	14.6





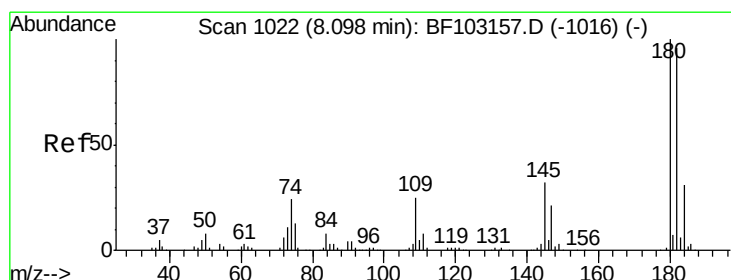
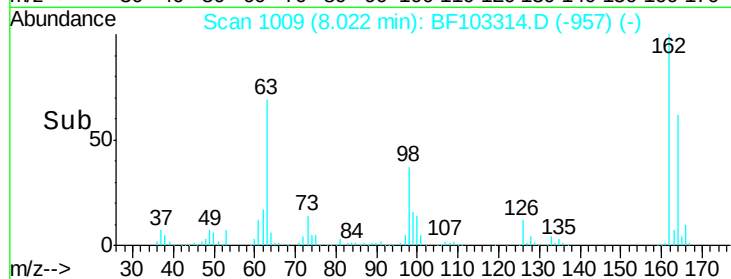
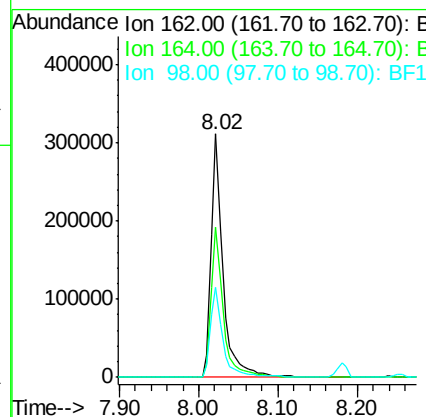
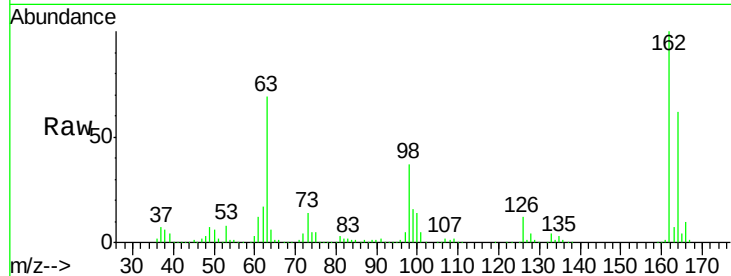
#29
2,4-Dichlorophenol
Concen: 39.064 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	328463		
164	61.6	42.7	82.7	
98	37.2	18.1	58.1	

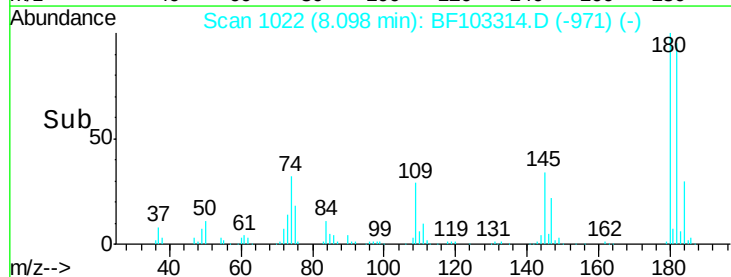
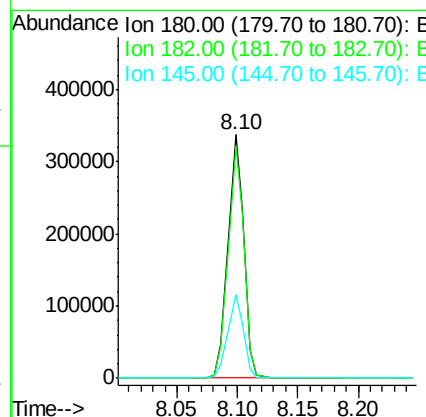
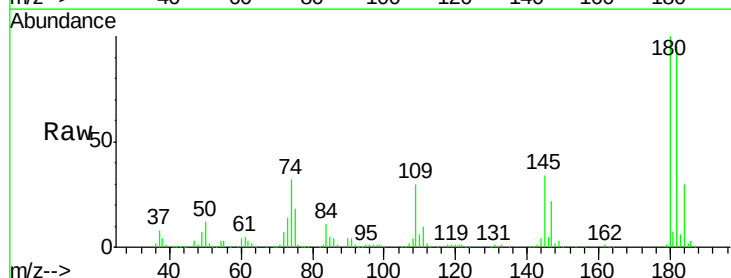
Manual Integrations
APPROVED

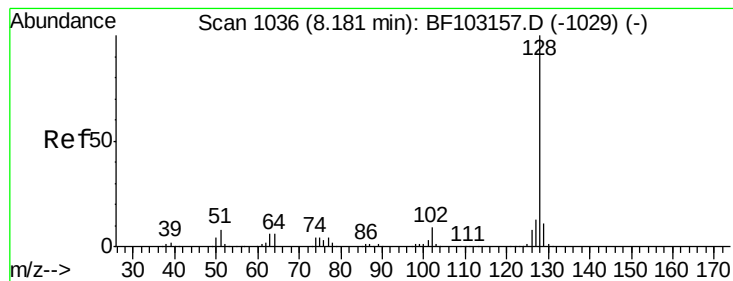
Sohil
3/1/2018 11:43:38 AM



#30
1,2,4-Trichlorobenzene
Concen: 34.214 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306350		
182	95.1	76.8	115.2	
145	34.5	26.5	39.7	





#31

Naphthalene

Concen: 35.949 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SP-28MSD

Tot Ion:128 Resp: 1114190

Ion Ratio Lower Upper

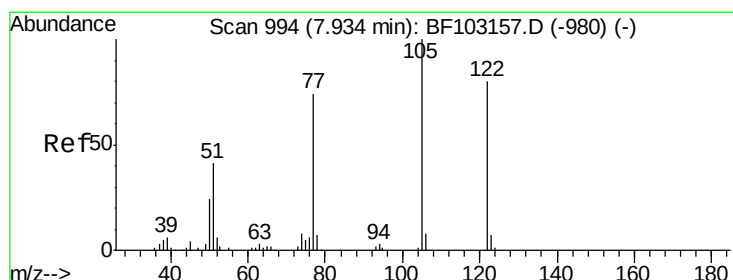
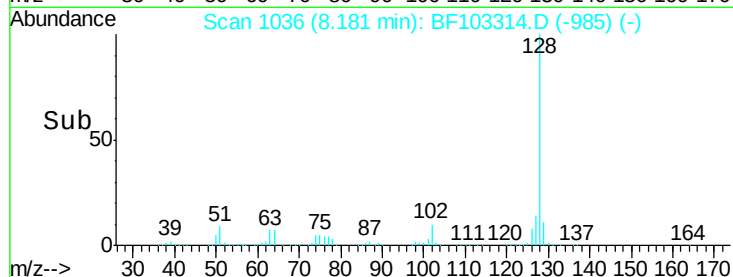
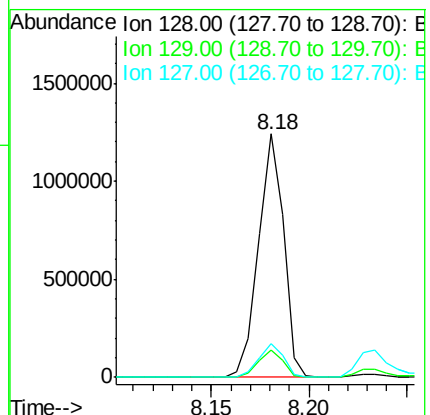
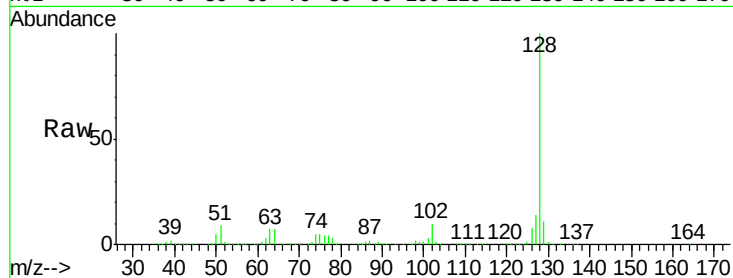
128 100

129 11.4 8.8 13.2

127 13.7 10.9 16.3

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#32

Benzoic acid

Concen: 8.207 ng m

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

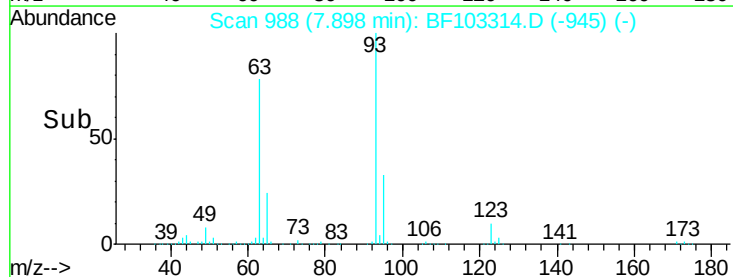
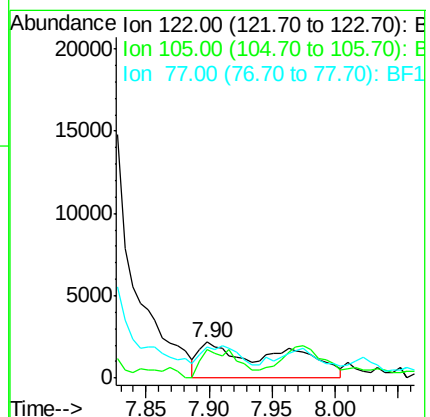
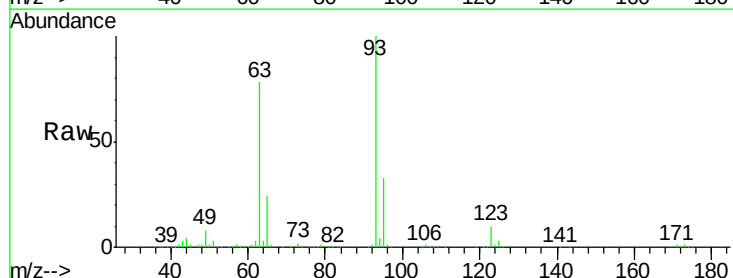
Tgt Ion:122 Resp: 9848

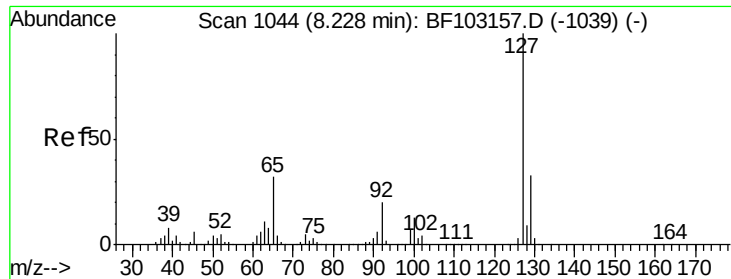
Ion Ratio Lower Upper

122 100

105 78.9 101.1 141.1#

77 87.7 70.7 110.7





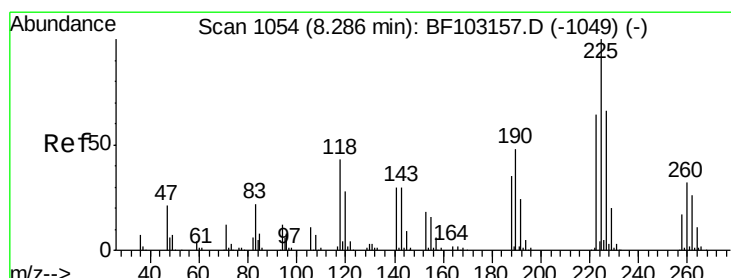
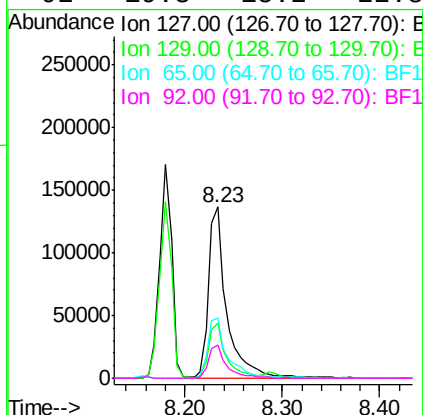
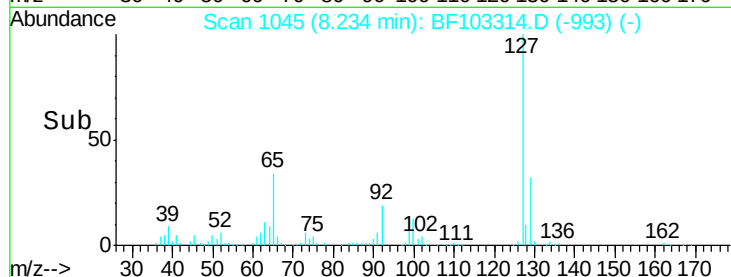
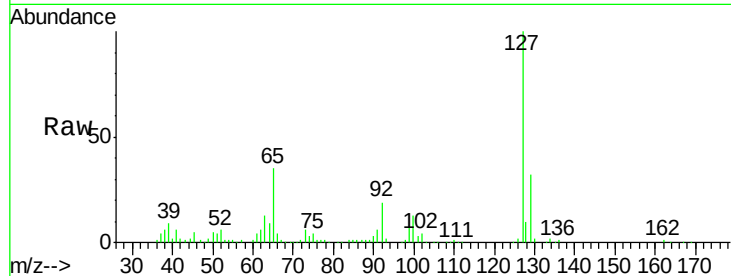
#33
4-Chloroaniline
Concen: 13.157 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		175971		
129	32.0	25.9	38.9		
65	34.9	25.0	37.4		
92	19.3	15.2	22.8		

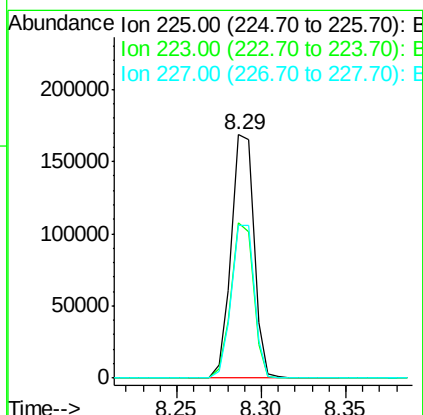
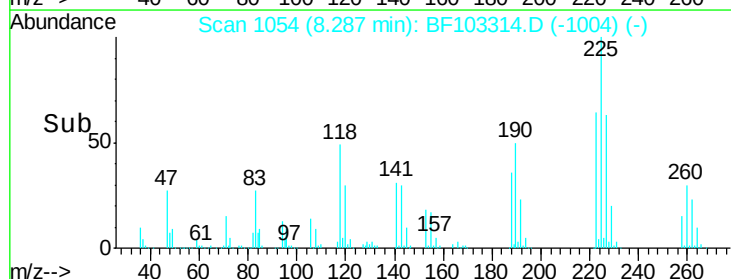
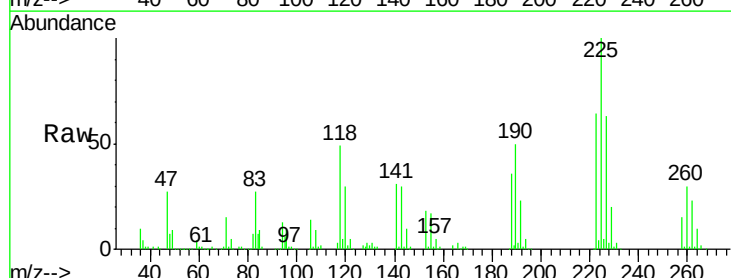
Manual Integrations
APPROVED

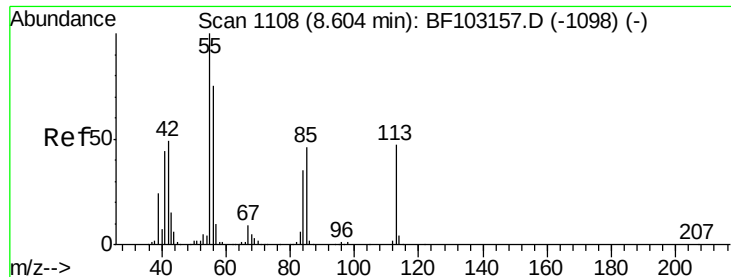
Sohil
3/1/2018 11:43:38 AM



#34
Hexachlorobutadiene
Concen: 33.828 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		157730		
223	63.5	50.6	76.0		
227	62.9	51.9	77.9		





#35

Caprolactam

Concen: 36.434 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

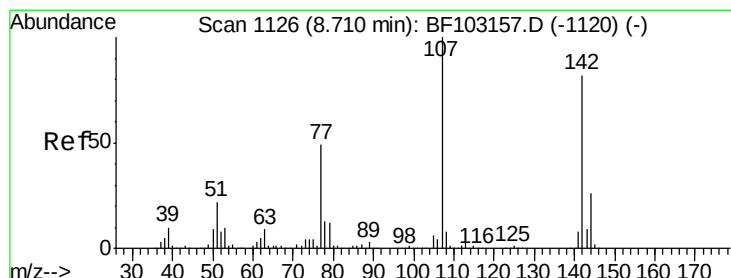
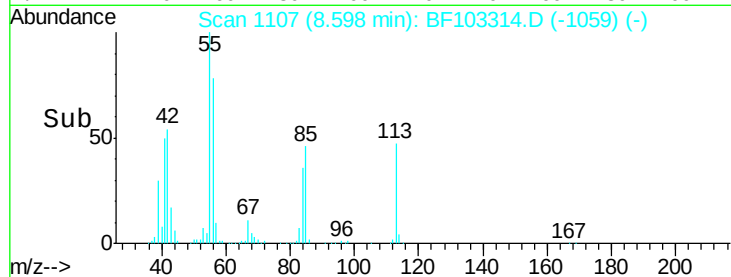
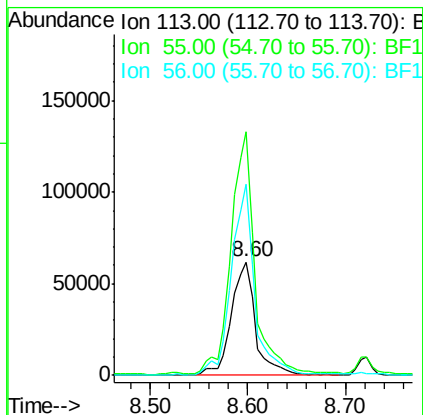
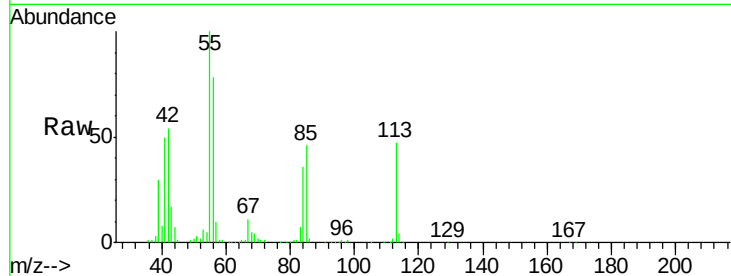
ClientSampled :

SP-28MSD

Tot Ion:113 Resp: 107669
 Ion Ratio Lower Upper
 113 100
 55 214.3 163.3 203.3#
 56 167.9 115.7 155.7#

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM



#36

4-Chloro-3-methylphenol

Concen: 36.369 ng

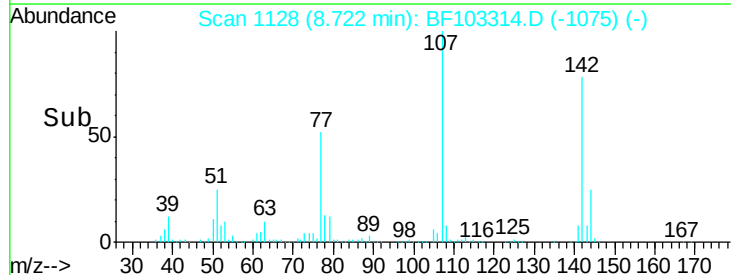
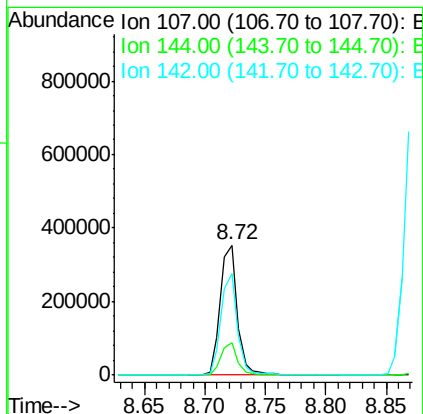
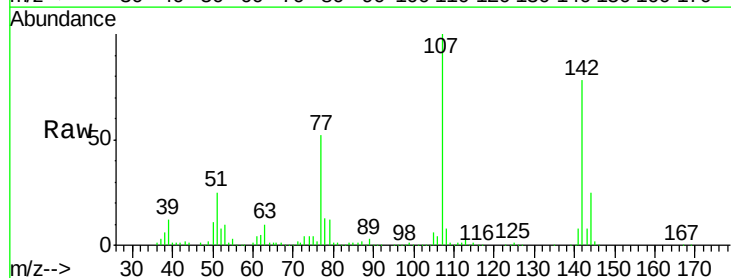
RT: 8.72 min Scan# 1128

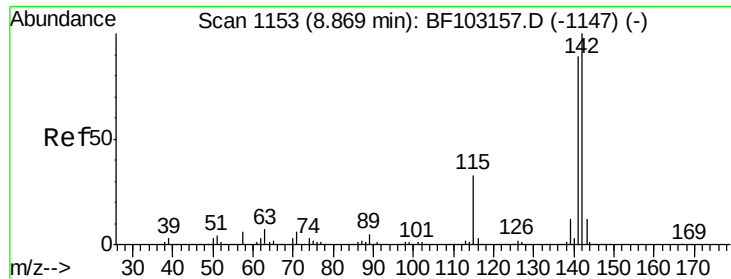
Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:107 Resp: 344927
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.0 62.0 93.0





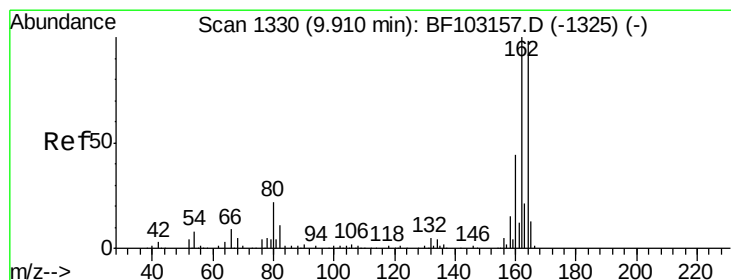
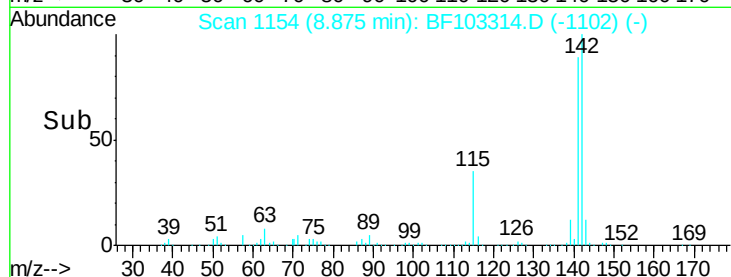
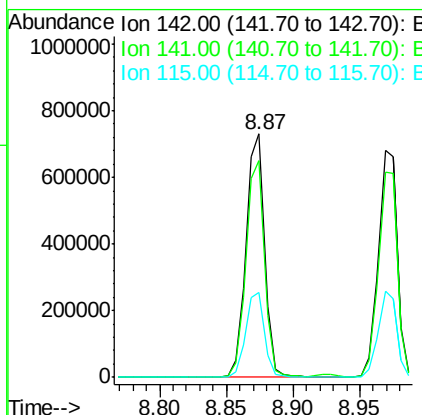
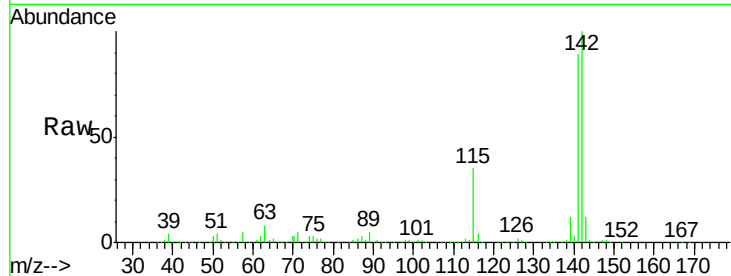
#37
2-Methylnaphthalene
Concen: 34.764 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	34.8	26.1	39.1

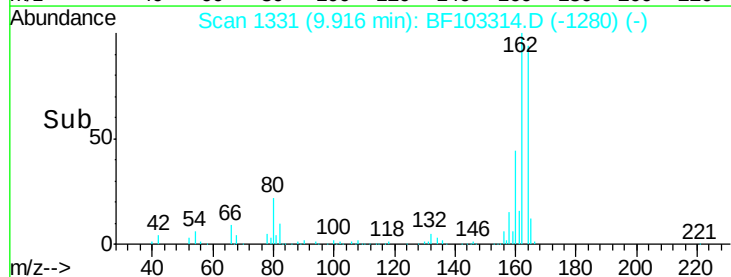
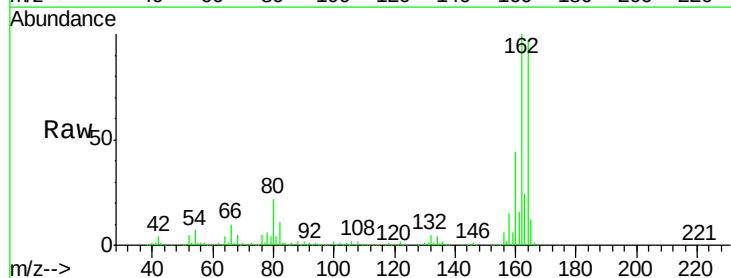
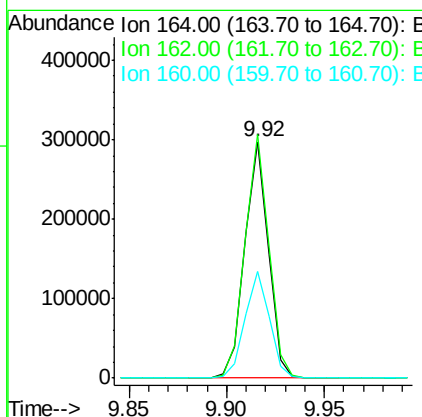
Manual Integrations
APPROVED

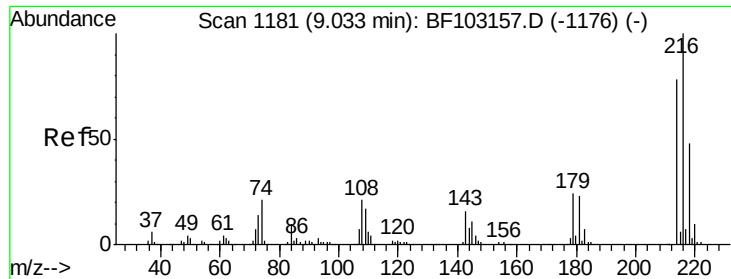
Sohil
3/1/2018 11:43:38 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.1	38.3	57.5





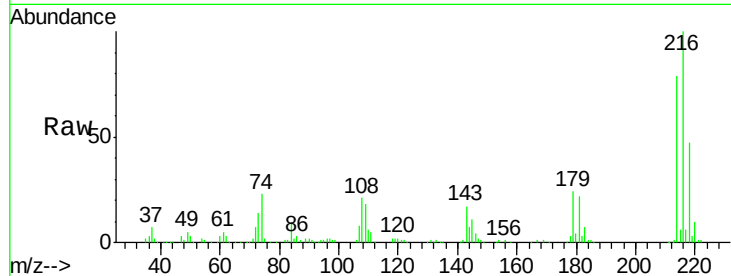
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.123 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

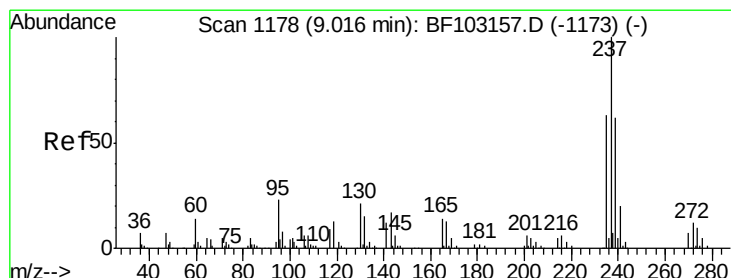
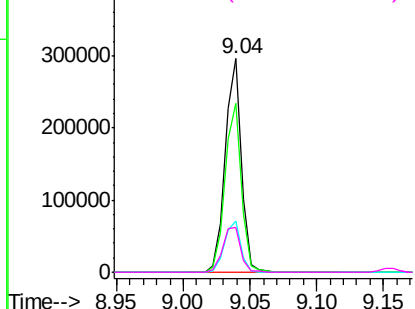
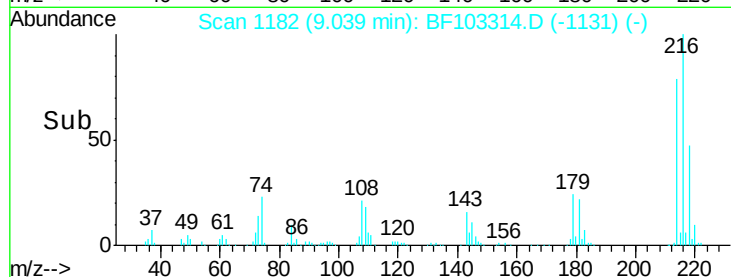
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	24.3	18.1	27.1
108	23.6	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM

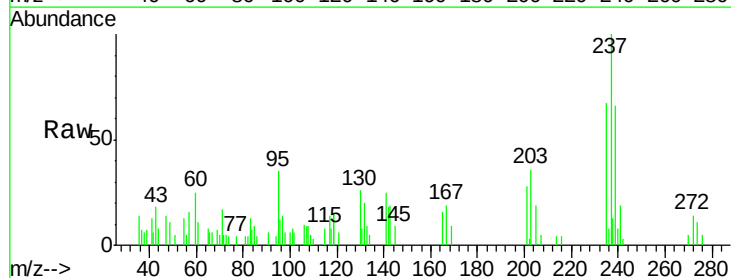


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

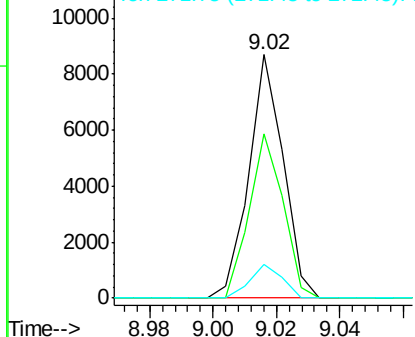
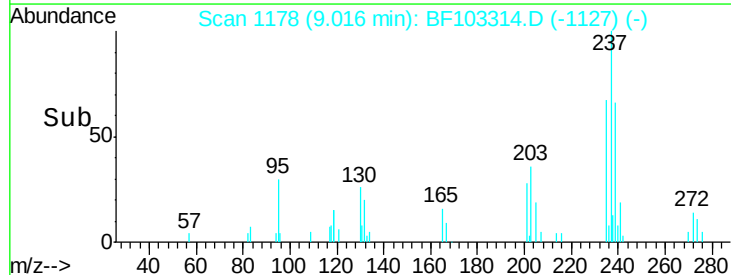


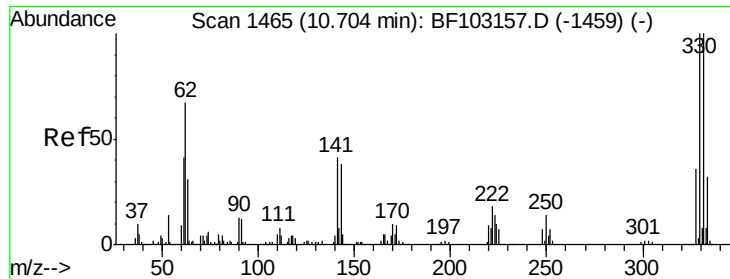
#40
 Hexachlorocyclopentadiene
 Concen: 11.297 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	67.5	44.8	84.8
272	13.6	0.0	33.3



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





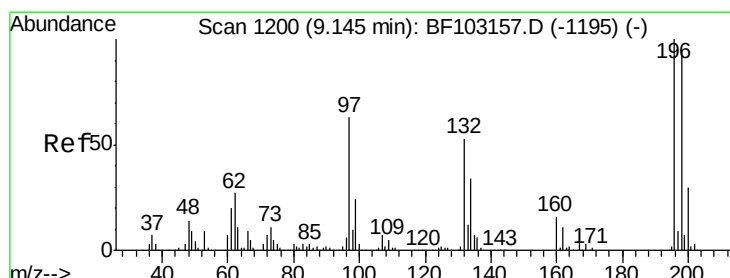
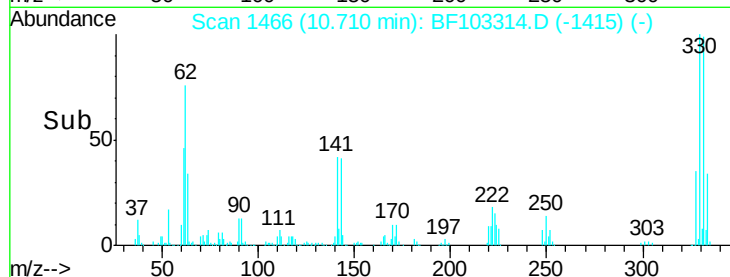
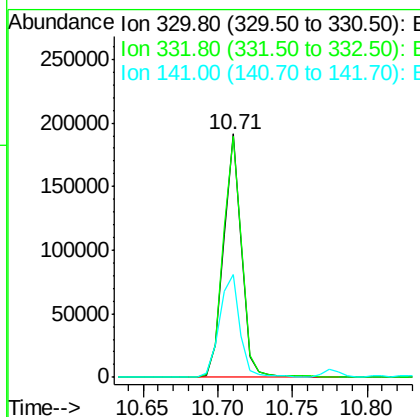
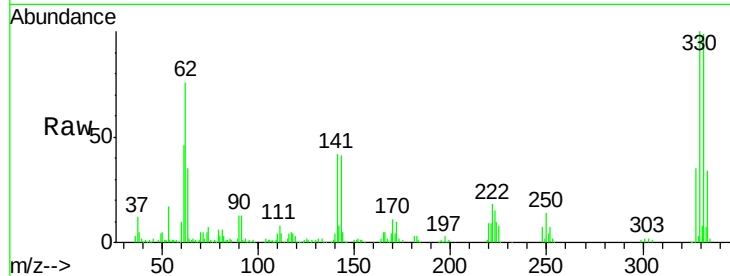
#41
 2,4,6-Tribromophenol
 Concen: 78.115 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampled :
 SP-28MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	47.2	29.9	44.9

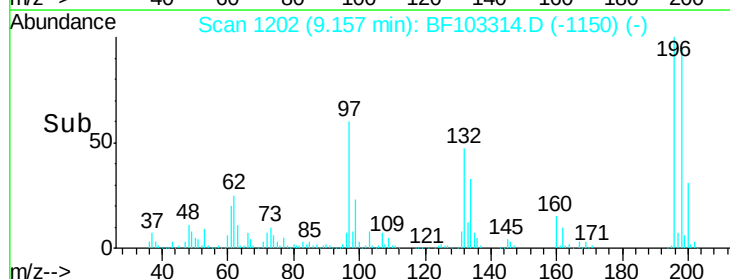
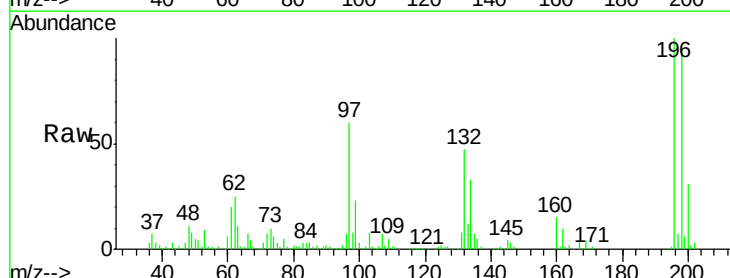
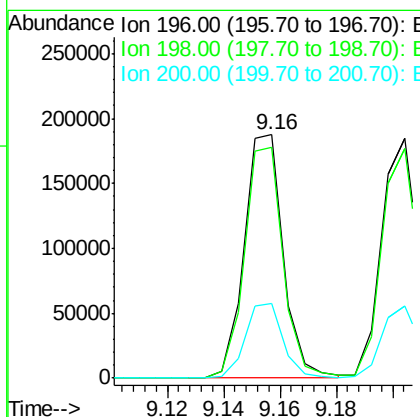
Manual Integrations
 APPROVED

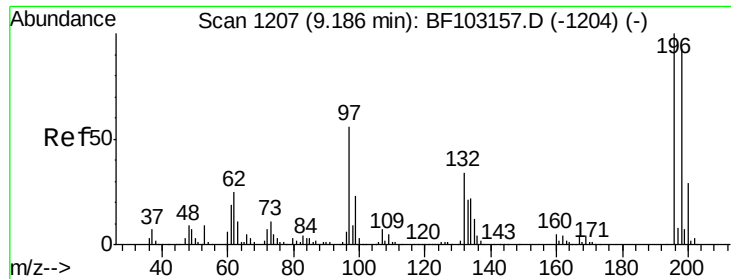
Sohil
 3/1/2018 11:43:38 AM



#42
 2,4,6-Trichlorophenol
 Concen: 38.982 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.7	24.5	36.7





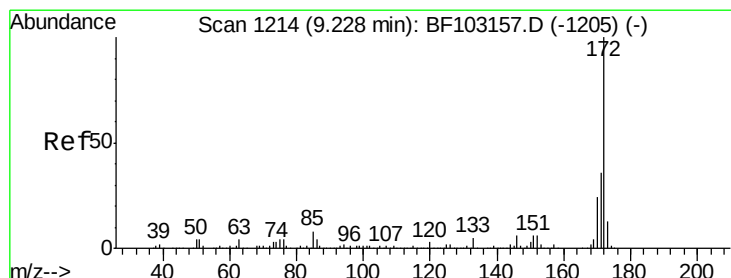
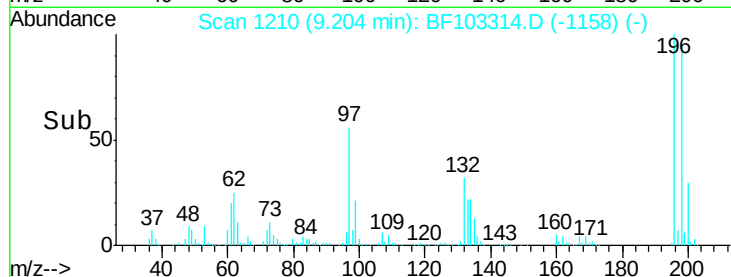
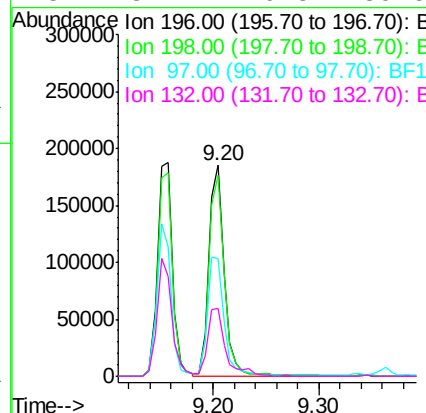
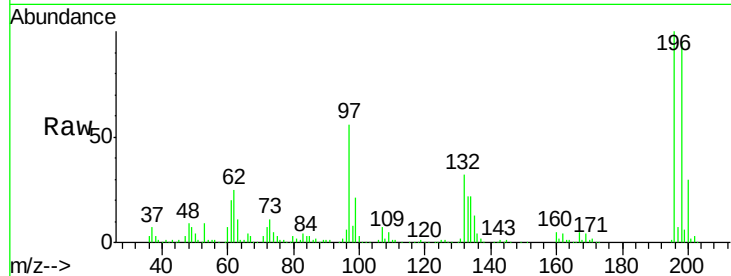
#43
2,4,5-Trichlorophenol
Concen: 35.186 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion:	196	Resp:	186023
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	56.2	42.9	64.3
132	32.1	26.3	39.5

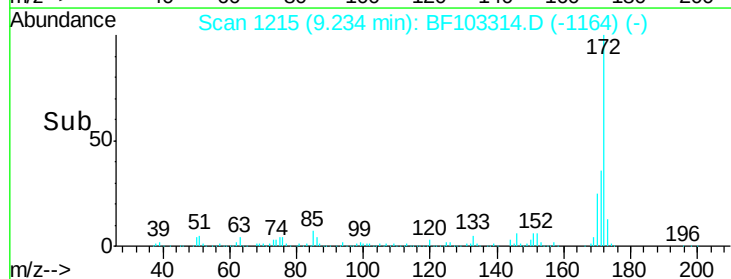
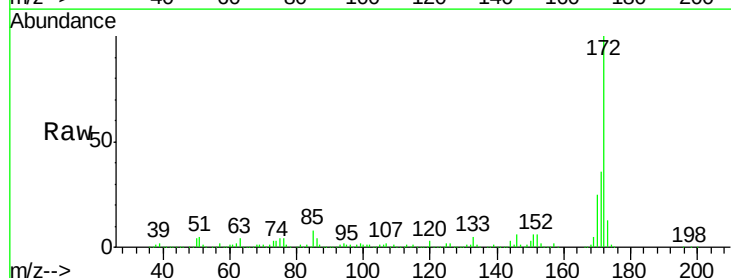
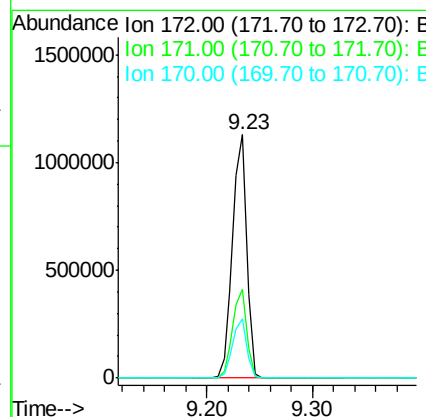
Manual Integrations
APPROVED

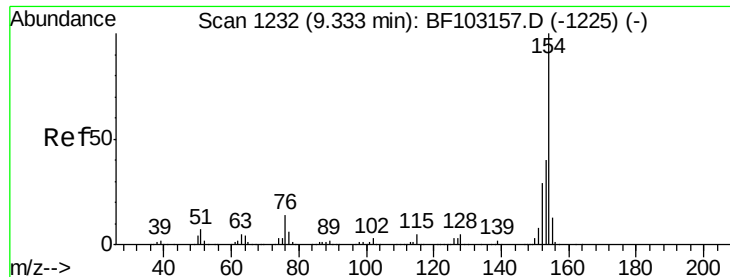
Sohil
3/1/2018 11:43:38 AM



#44
2-Fluorobiphenyl
Concen: 69.883 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion:	172	Resp:	1058079
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 36.684 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

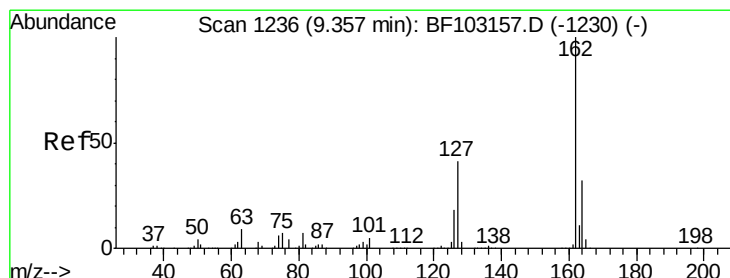
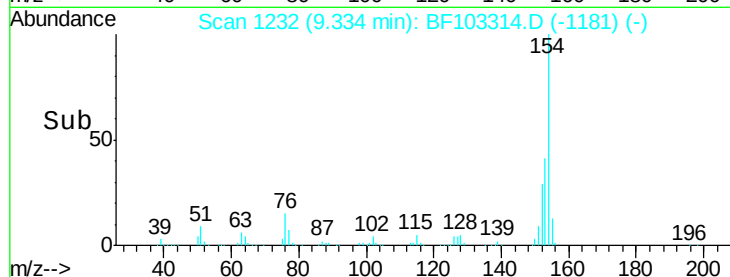
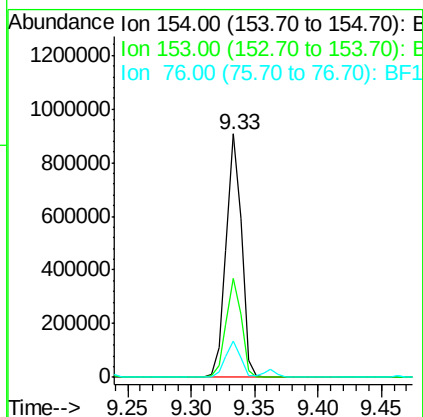
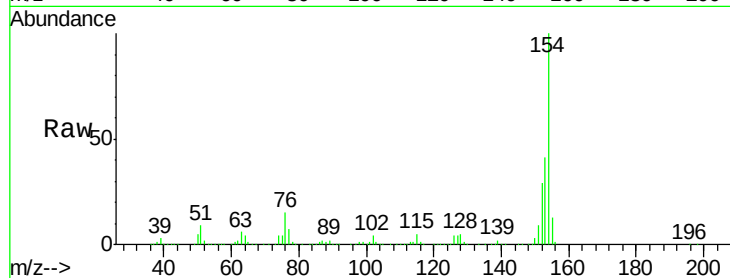
ClientSampleId :

SP-28MSD

Tot Ion:	154	Resp:	768134
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	14.8	0.0	34.0

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#46

2-Chloronaphthalene

Concen: 36.138 ng

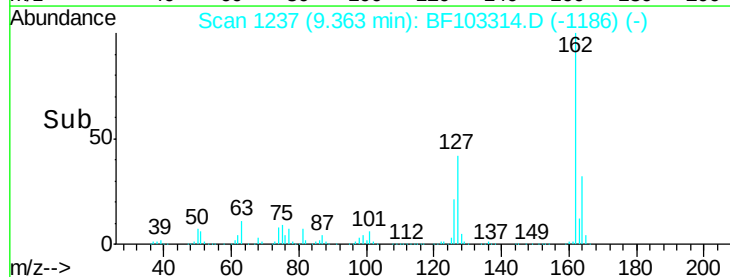
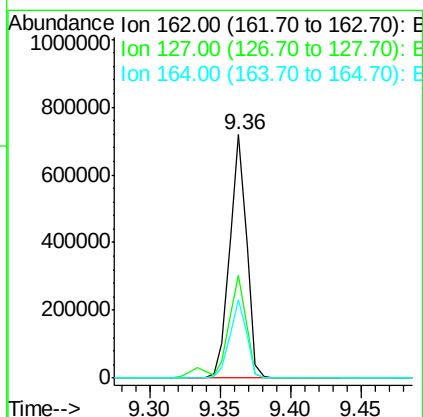
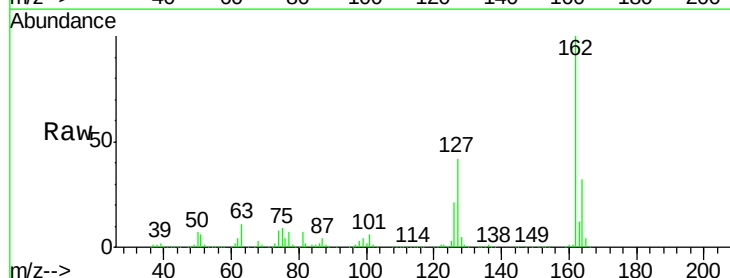
RT: 9.36 min Scan# 1237

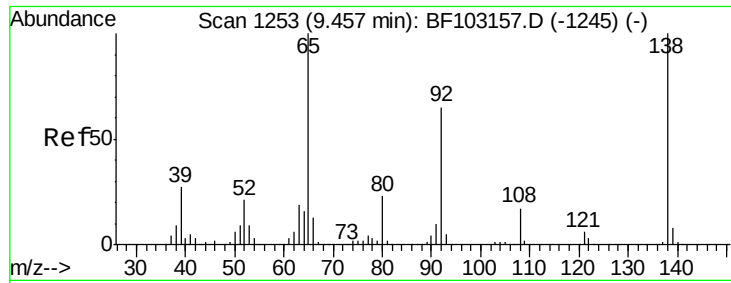
Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	162	Resp:	598660
Ion Ratio	Lower	Upper	
162	100		
127	42.3	33.9	50.9
164	32.1	26.5	39.7





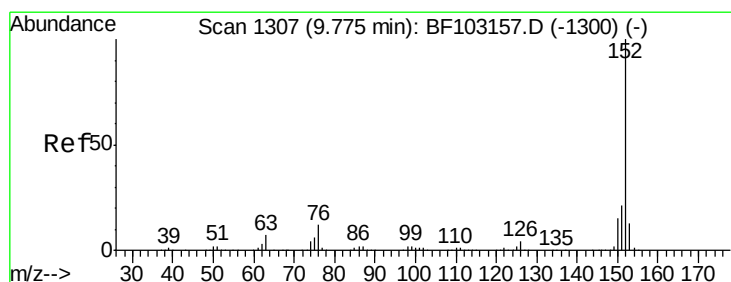
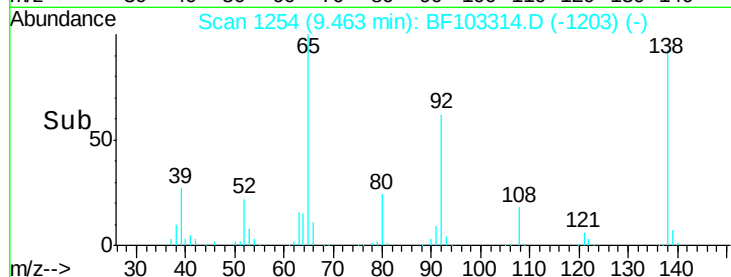
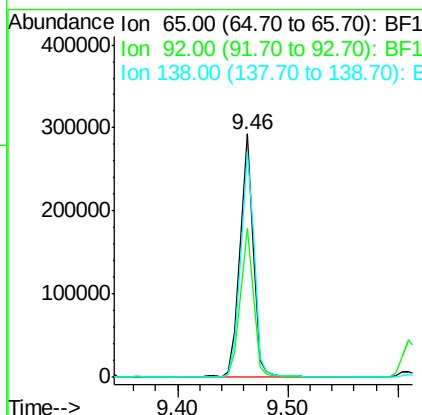
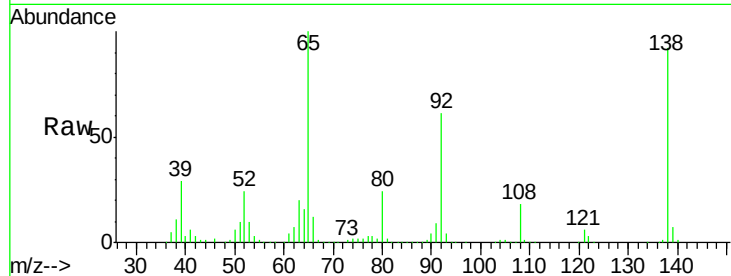
#47
2-Nitroaniline
Concen: 41.447 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.3	55.8	83.6
138	92.5	91.2	136.8

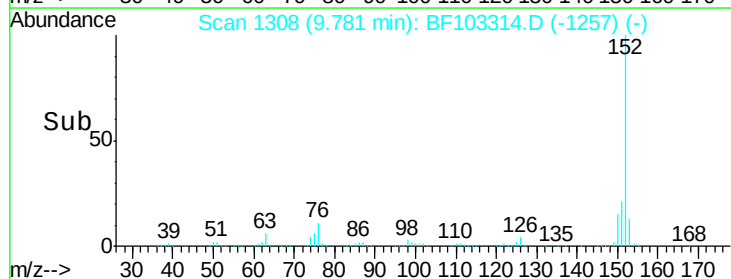
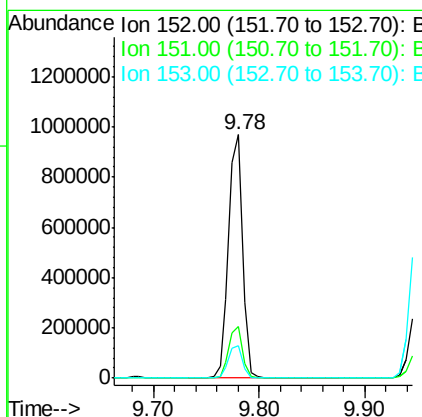
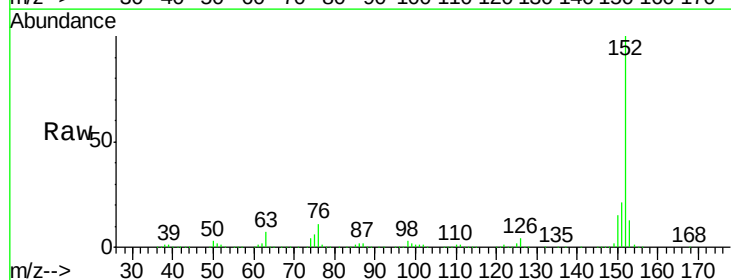
Manual Integrations
APPROVED

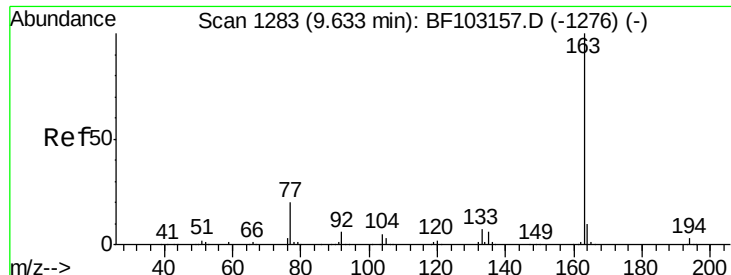
Sohil
3/1/2018 11:43:38 AM



#48
Acenaphthylene
Concen: 35.180 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.1	10.7	16.1





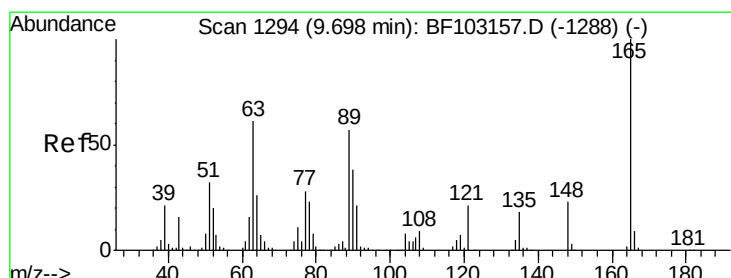
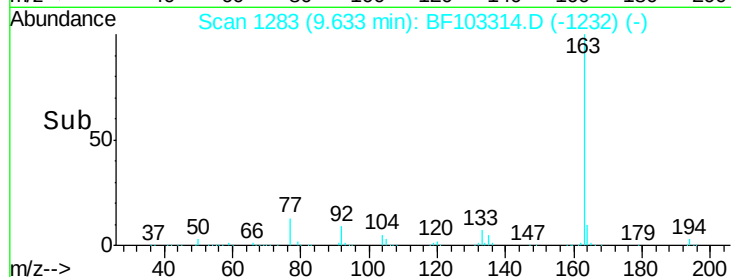
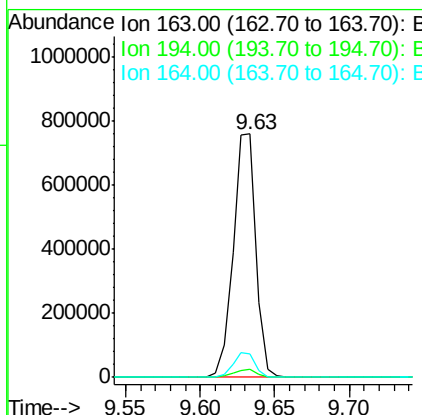
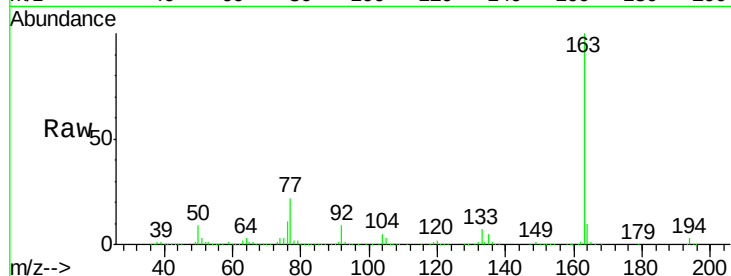
#49
Dimethylphthalate
Concen: 40.323 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	808326		
194	3.3		2.7	4.1
164	9.8		8.2	12.2

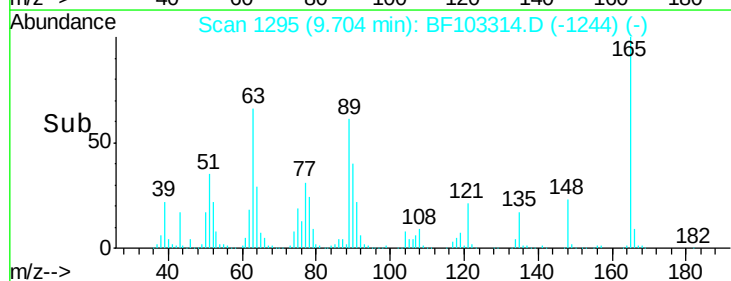
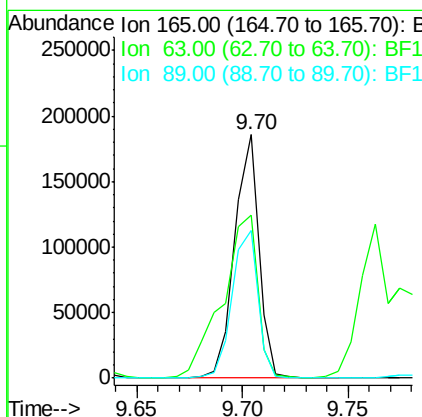
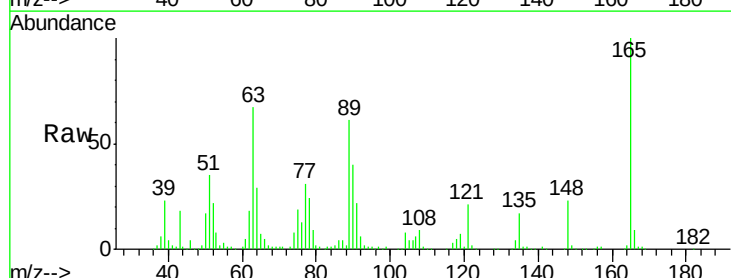
Manual Integrations
APPROVED

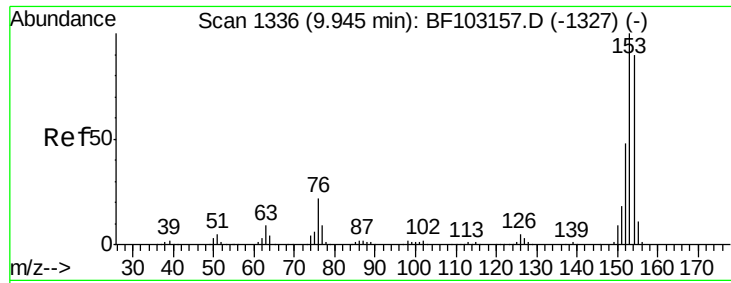
Sohil
3/1/2018 11:43:38 AM



#50
2,6-Dinitrotoluene
Concen: 35.013 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147290		
63	66.7		44.7	67.1
89	60.8		44.0	66.0





#51

Acenaphthene

Concen: 35.003 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

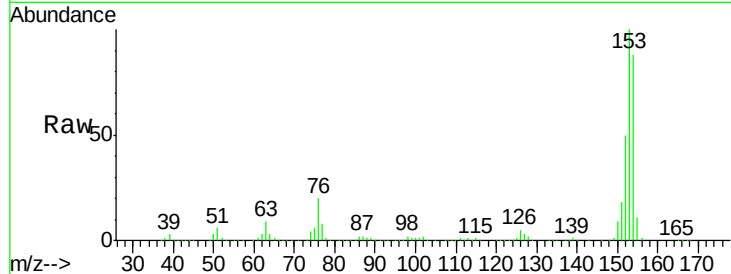
ClientSampleId :

SP-28MSD

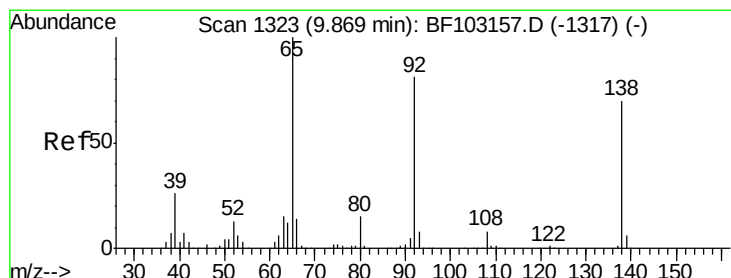
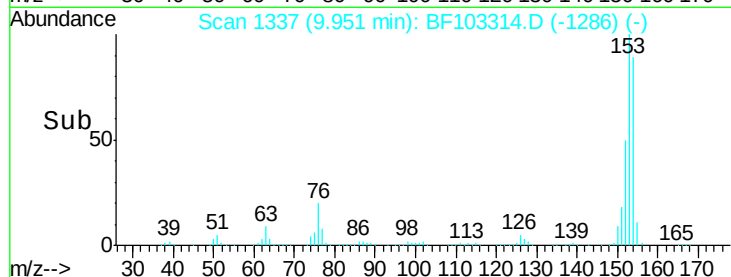
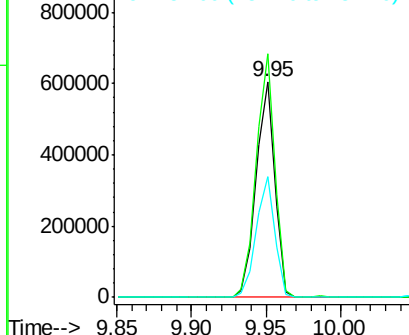
Tot Ion:	154	Resp:	520228
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	56.0	43.8	65.8

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



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



#52

3-Nitroaniline

Concen: 29.049 ng

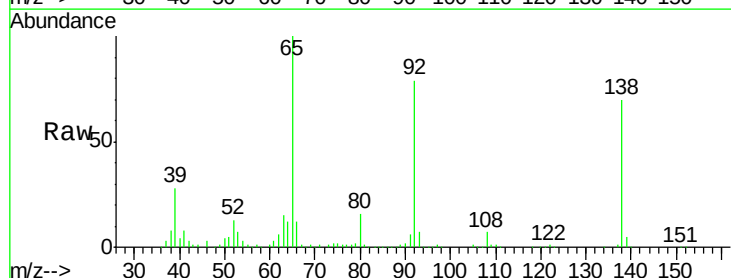
RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

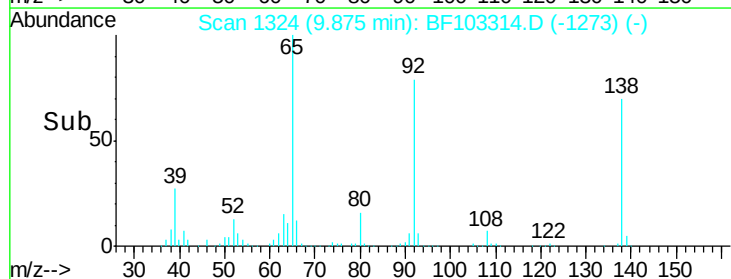
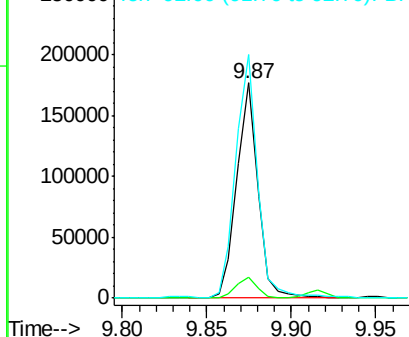
Lab File: BF103314.D

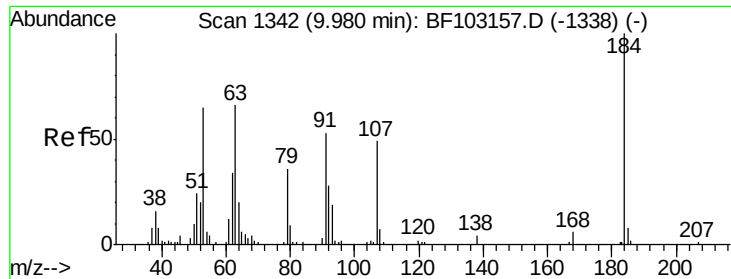
Acq: 1 Mar 2018 00:44

Tgt Ion:	138	Resp:	155039
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	113.1	89.4	134.2



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





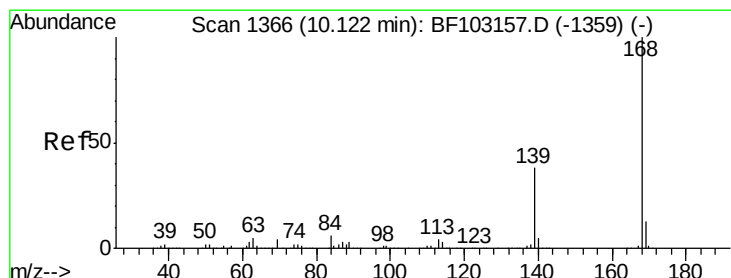
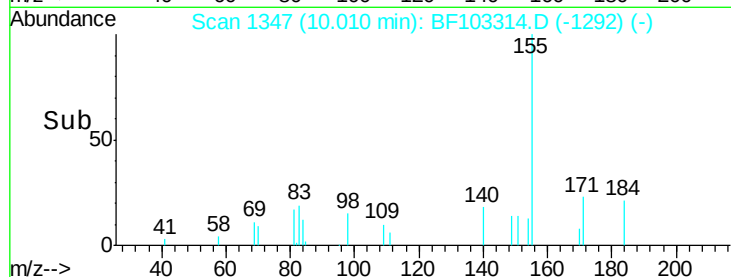
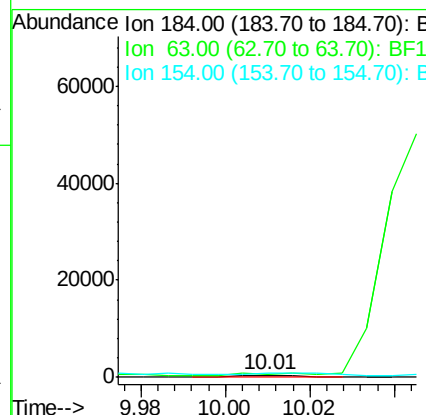
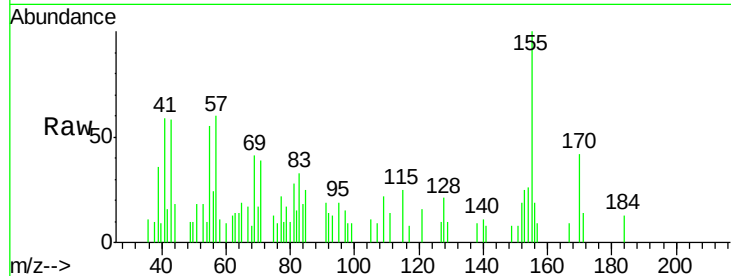
#53
2,4-Dinitrophenol
Concen: 9.871 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	111.3	54.2	81.2#
154	205.7	184.0	276.0

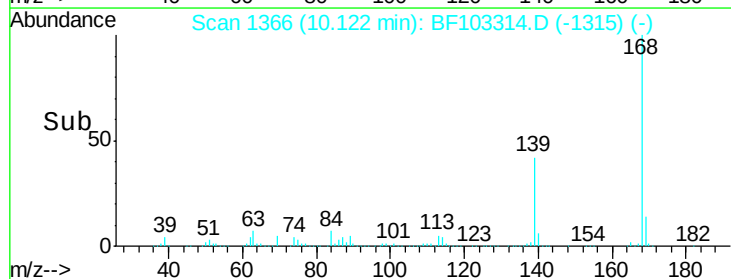
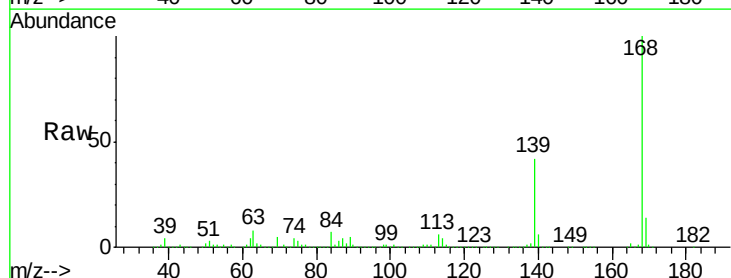
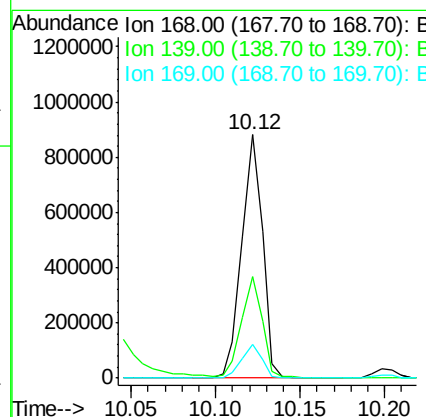
Manual Integrations
APPROVED

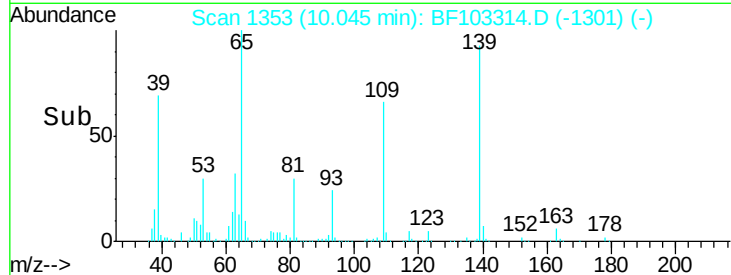
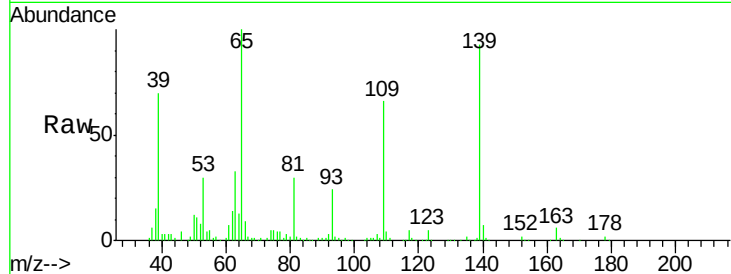
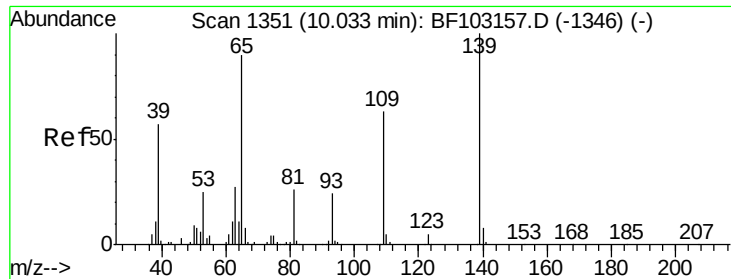
Sohil
3/1/2018 11:43:38 AM



#54
Dibenzofuran
Concen: 37.078 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.1	45.1
169	13.9	10.9	16.3





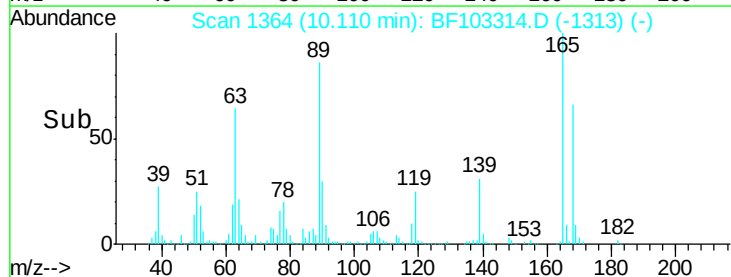
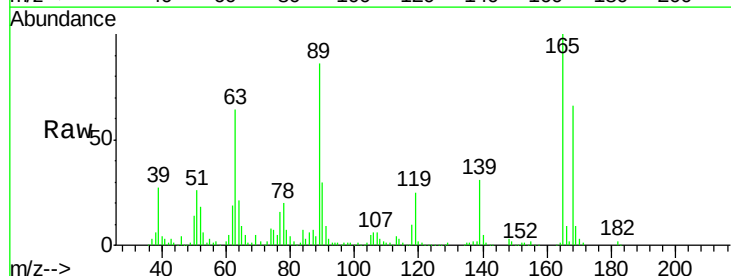
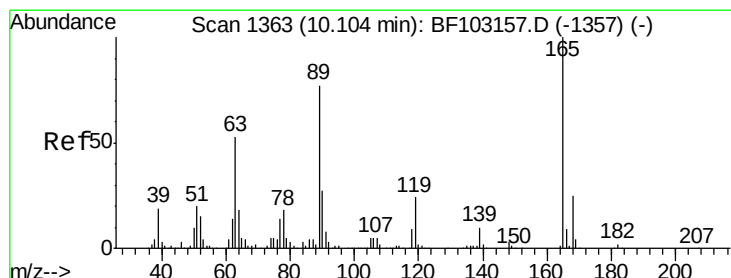
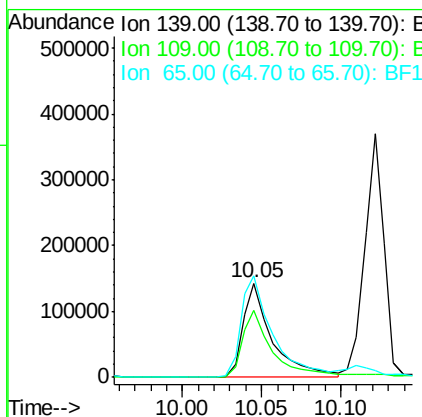
#55
4-Nitrophenol
Concen: 55.188 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampled :
SP-28MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	182556		
109	71.1	48.4	88.4	
65	107.8	72.6	112.6	

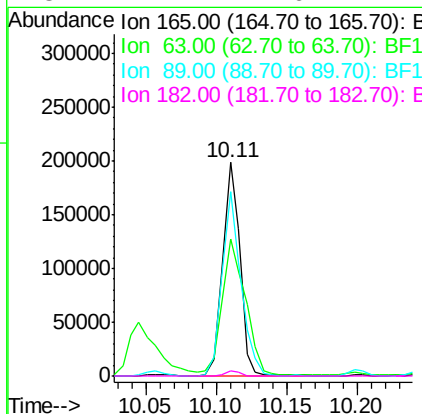
Manual Integrations
APPROVED

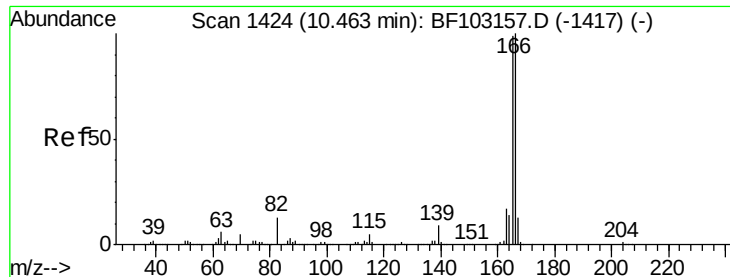
Sohil
3/1/2018 11:43:38 AM



#56
2,4-Dinitrotoluene
Concen: 31.631 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168293		
63	64.0	36.4	54.6#	
89	86.3	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 33.280 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SP-28MSD

Tot Ion:166 Resp: 578410

Ion Ratio Lower Upper

166 100

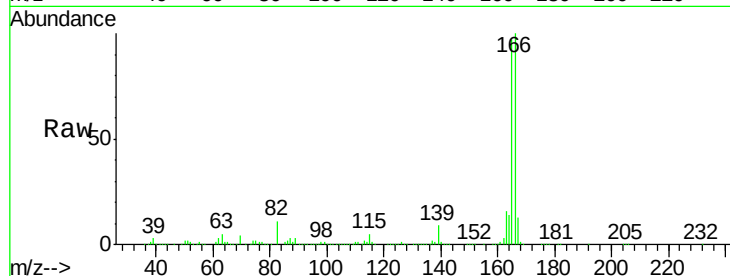
165 96.7 79.8 119.8

167 13.2 10.6 16.0

Manual Integrations
APPROVED

Sohil

3/1/2018 11:43:38 AM

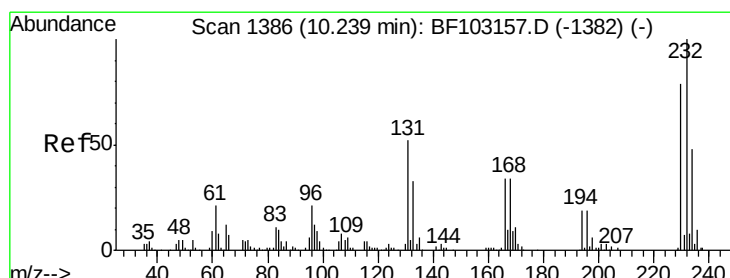
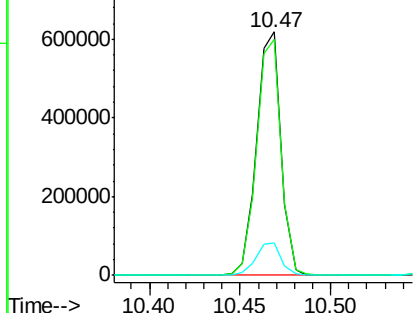
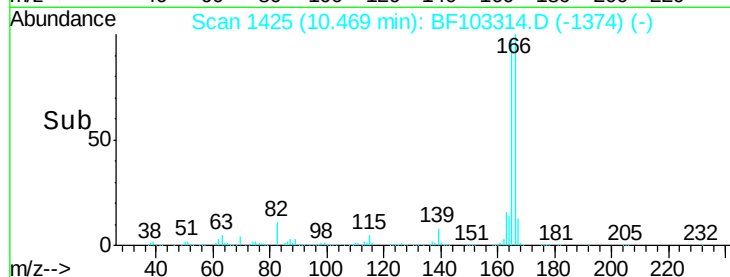


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.368 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:232 Resp: 114957

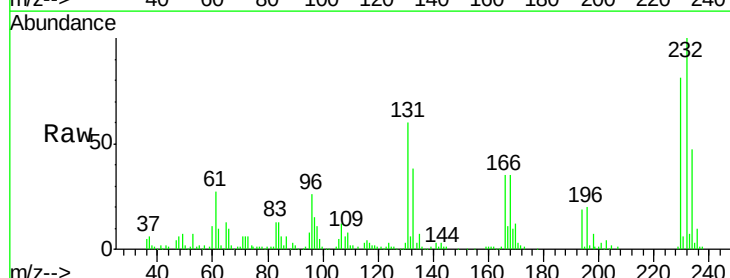
Ion Ratio Lower Upper

232 100

131 62.8 43.8 65.8

130 3.1 2.1 3.1#

166 36.7 27.8 41.6



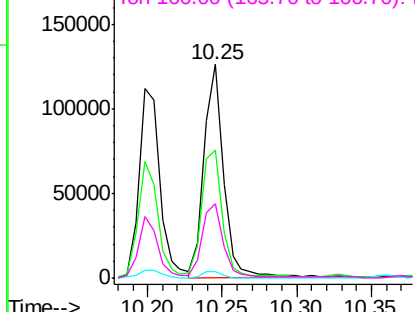
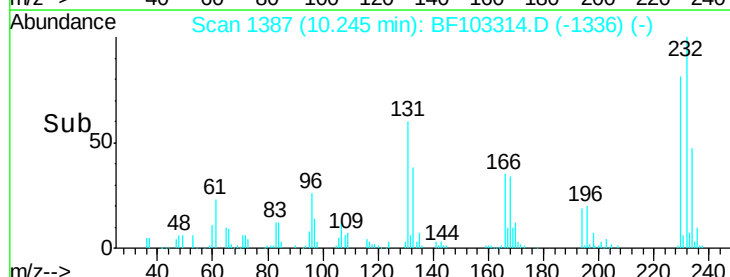
Abundance

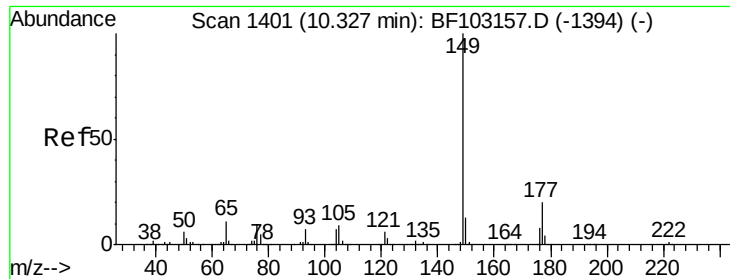
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





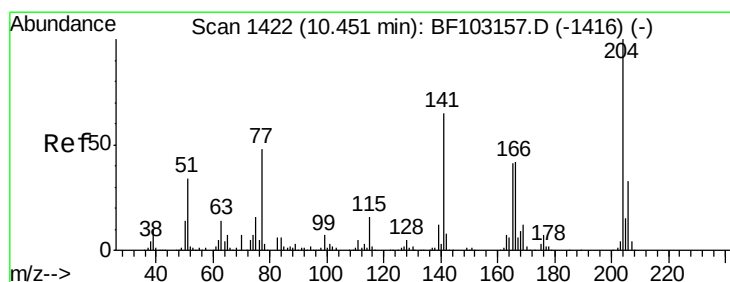
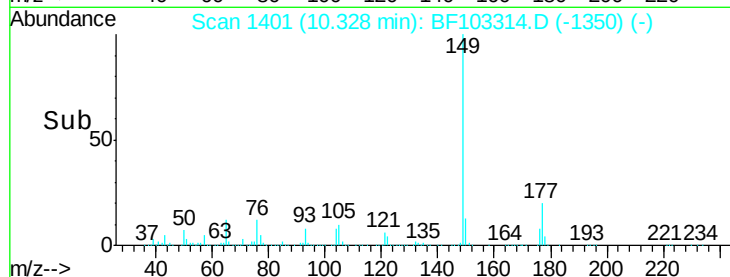
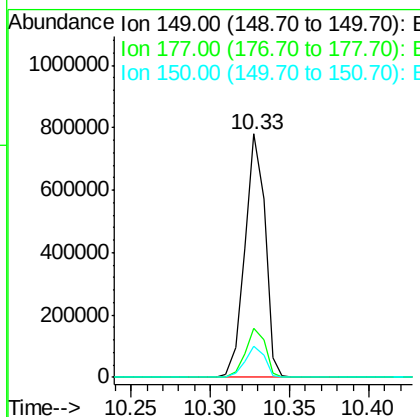
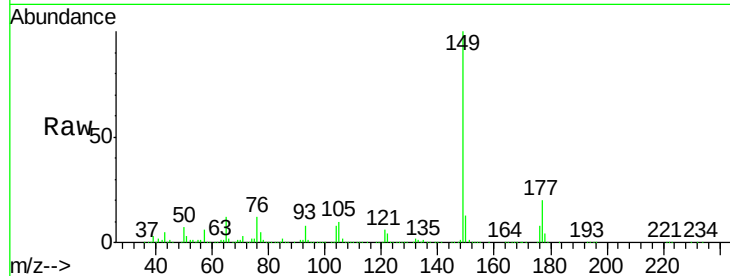
#59
Diethylphthalate
Concen: 35.713 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampled :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.7	10.1	15.1

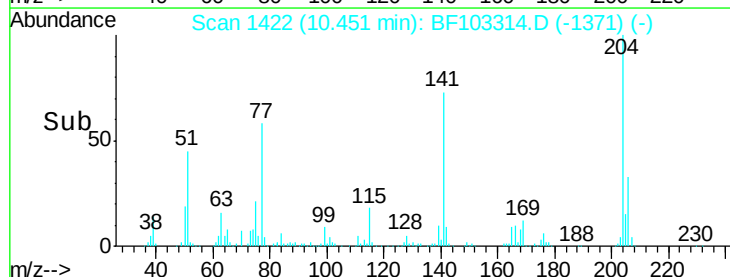
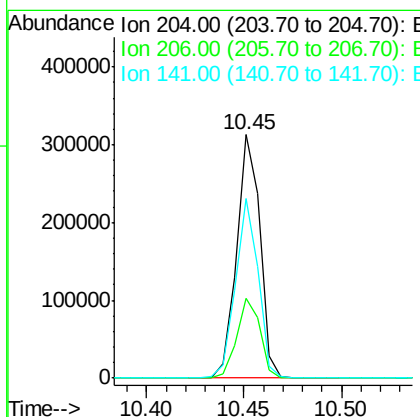
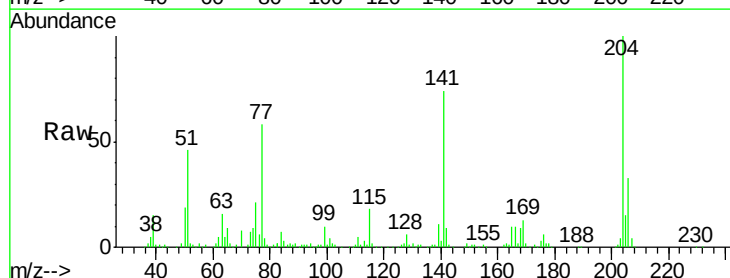
Manual Integrations
APPROVED

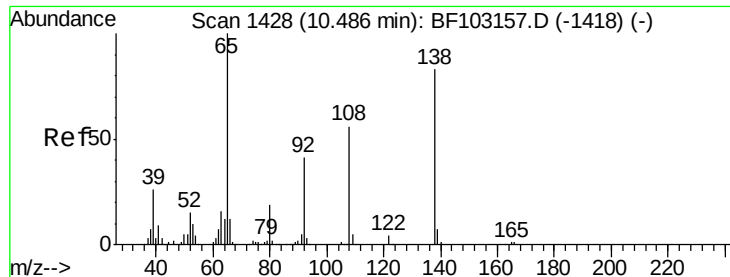
Sohil
3/1/2018 11:43:38 AM



#60
4-Chlorophenyl-phenylether
Concen: 34.996 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	73.7	54.6	81.8





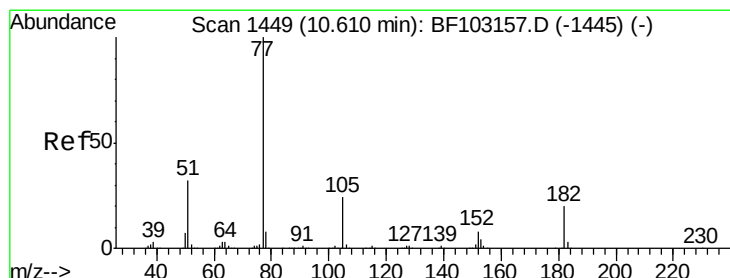
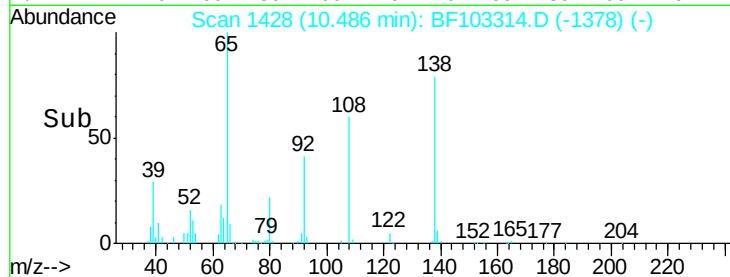
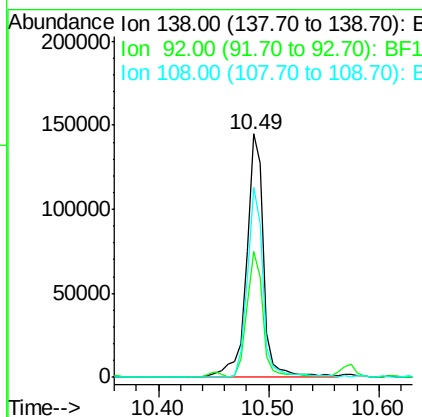
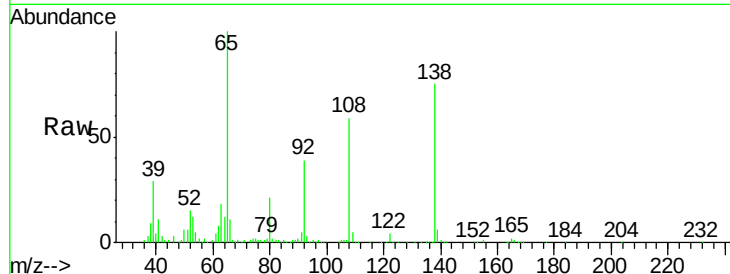
#61
4-Nitroaniline
Concen: 29.630 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	30.2	70.2
108	77.9	52.5	92.5

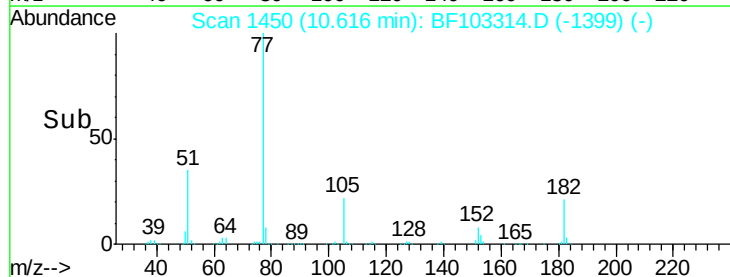
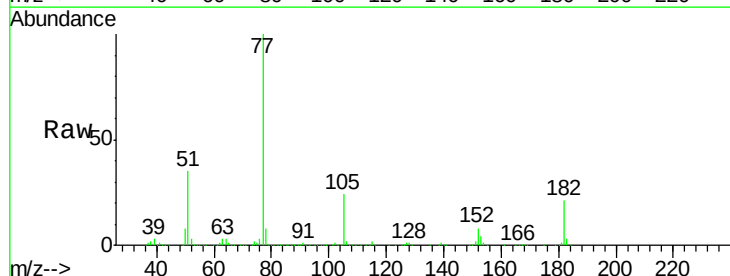
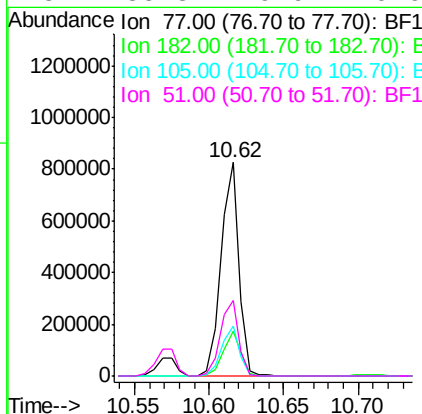
Manual Integrations
APPROVED

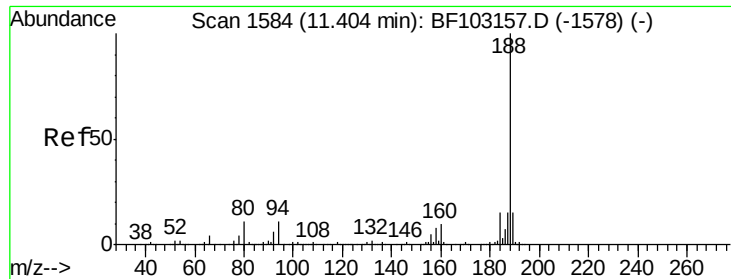
Sohil
3/1/2018 11:43:38 AM



#62
Azobenzene
Concen: 35.722 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.7	41.7
105	23.5	3.0	43.0
51	35.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

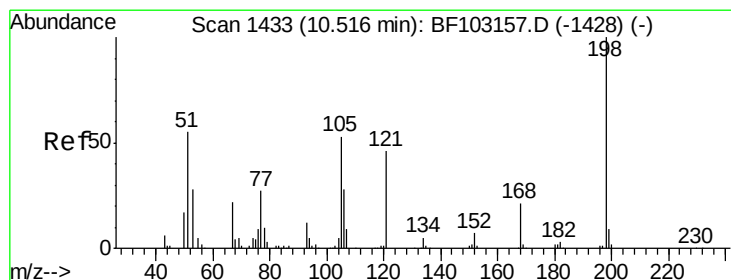
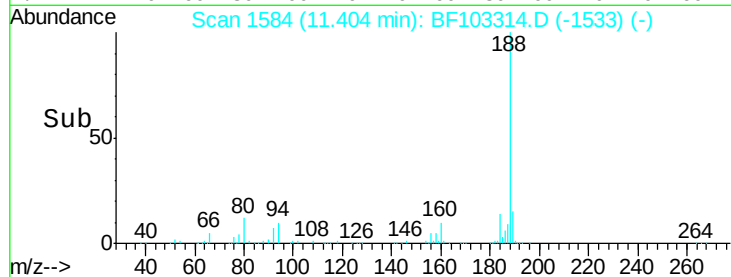
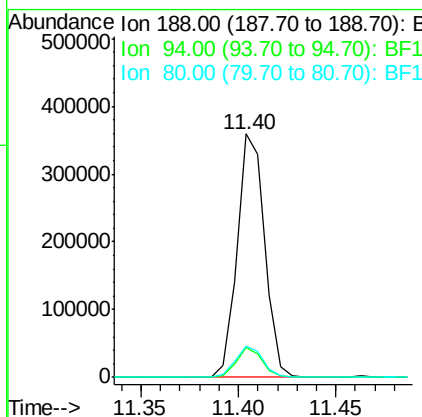
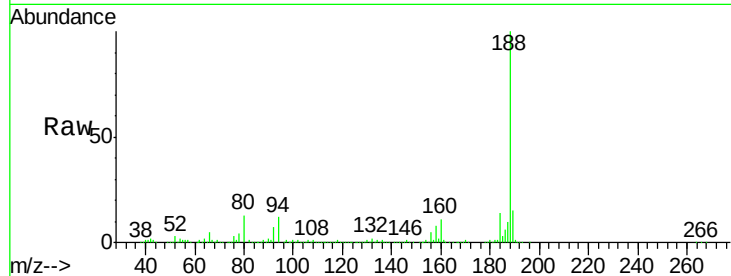
ClientSampleId :

SP-28MSD

Tot Ion:	188	Resp:	350319
Ion Ratio	Lower	Upper	
188	100		
94	12.2	8.5	12.7
80	12.6	9.2	13.8

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 6.946 ng

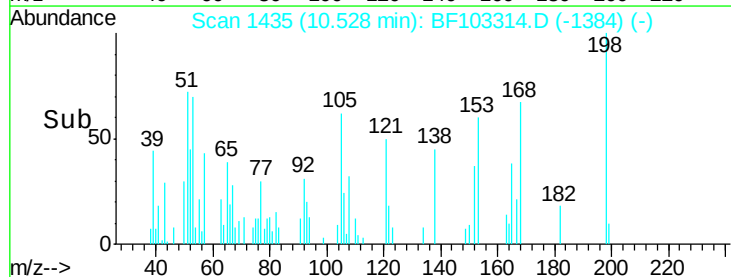
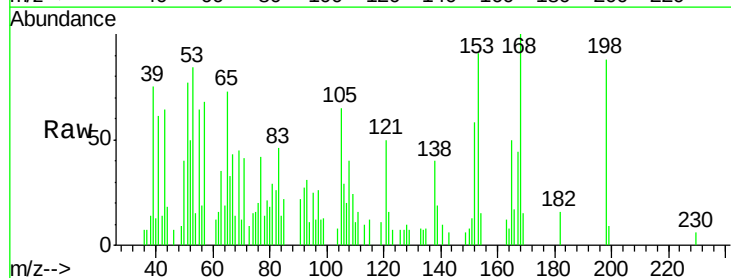
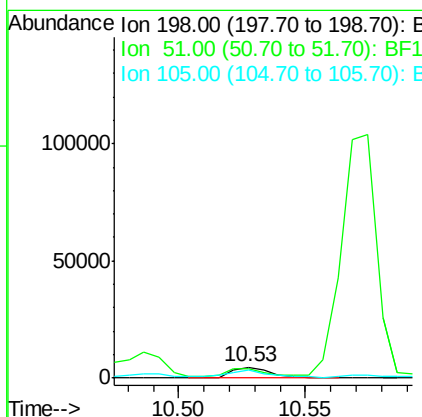
RT: 10.53 min Scan# 1435

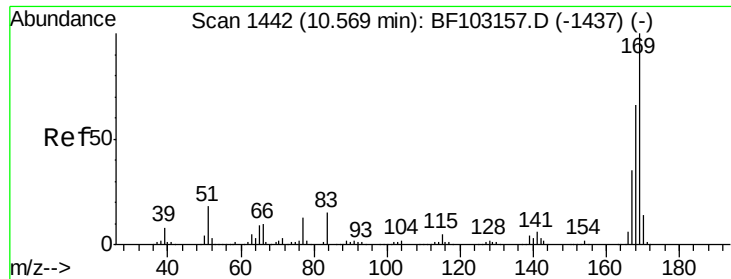
Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	198	Resp:	4754
Ion Ratio	Lower	Upper	
198	100		
51	86.9	37.7	77.7#
105	73.8	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 40.776 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

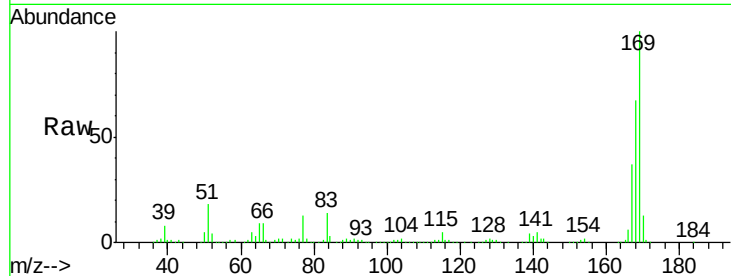
ClientSampleId :

SP-28MSD

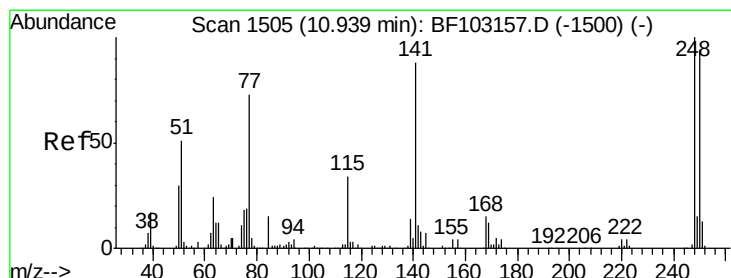
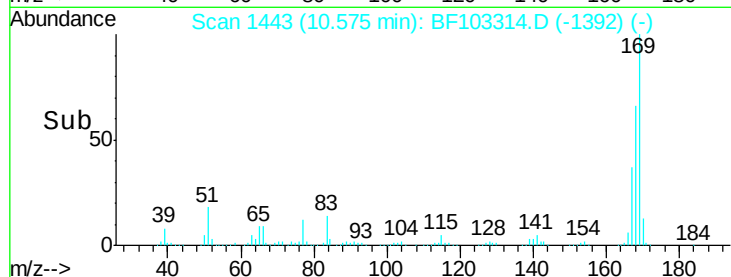
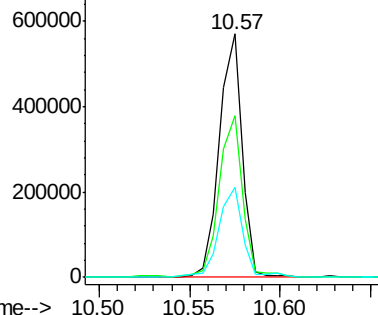
Tot Ion:	169	Resp:	497373
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.4	81.6
167	37.2	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.666 ng

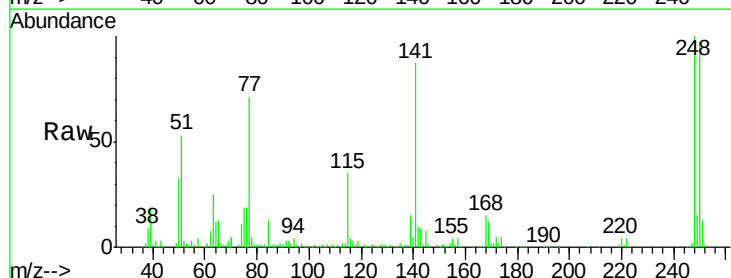
RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

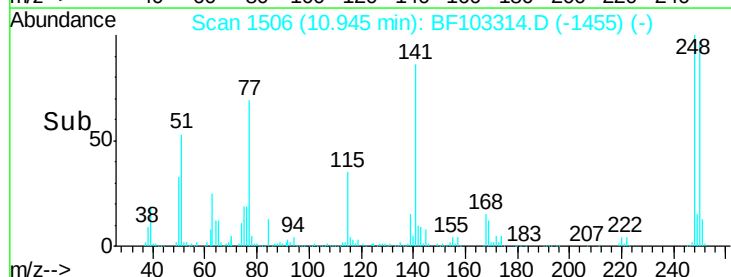
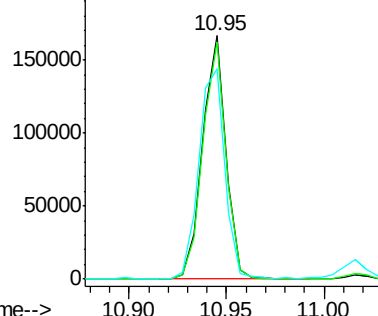
Lab File: BF103314.D

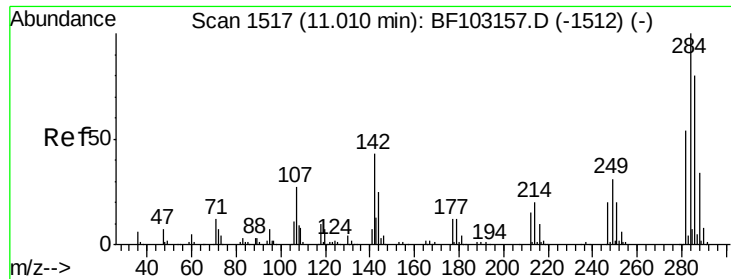
Acq: 1 Mar 2018 00:44

Tgt Ion:	248	Resp:	137454
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	86.6	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.094 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

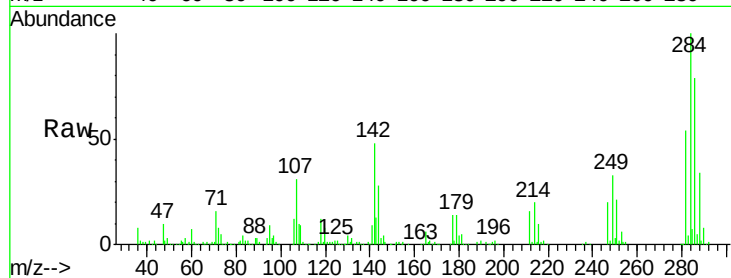
ClientSampleId :

SP-28MSD

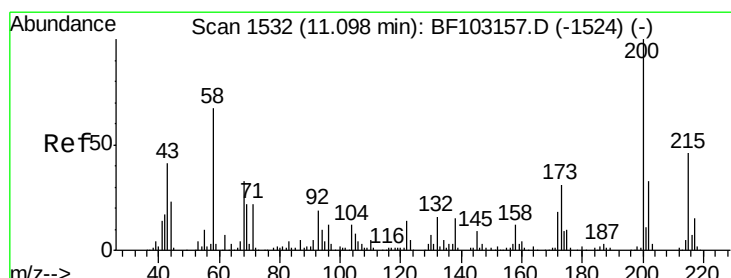
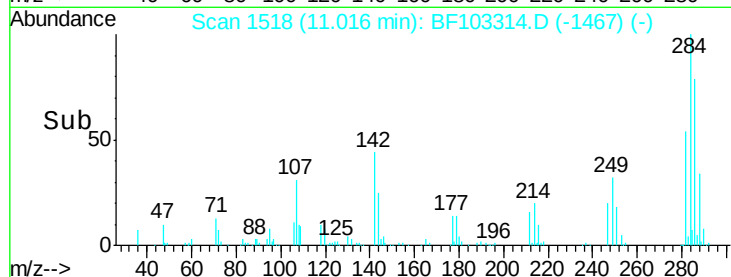
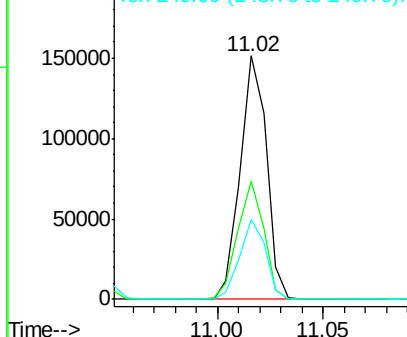
Tot Ion:	284	Resp:	131081
Ion Ratio	Lower	Upper	
284	100		
142	48.4	34.6	52.0
249	32.8	24.8	37.2

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.242 ng

RT: 11.10 min Scan# 1532

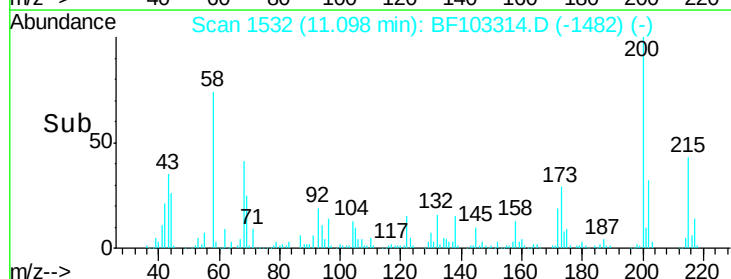
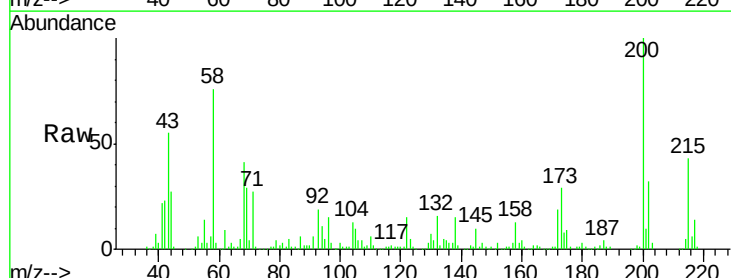
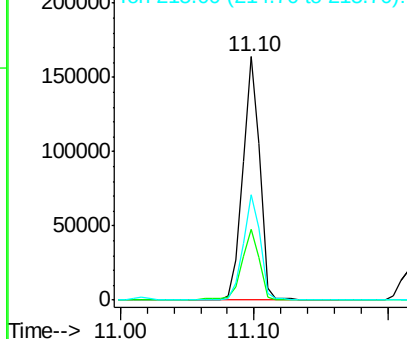
Delta R.T. -0.01 min

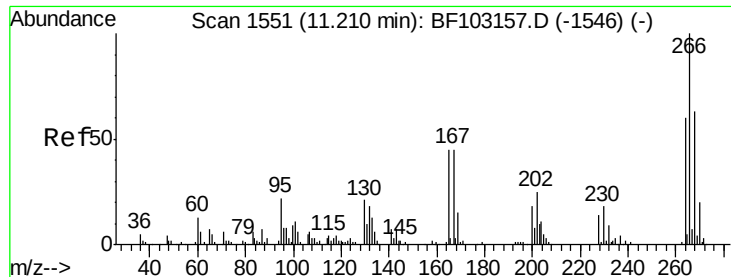
Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	200	Resp:	143868
Ion Ratio	Lower	Upper	
200	100		
173	29.1	8.6	48.6
215	43.1	25.1	65.1

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





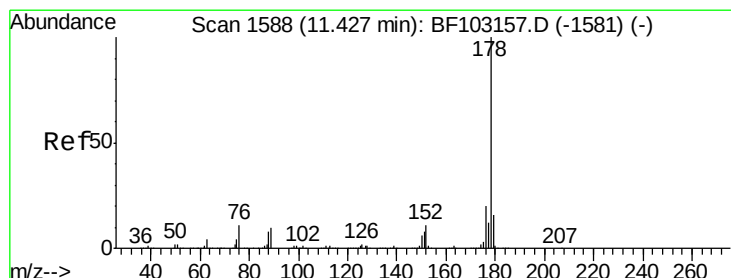
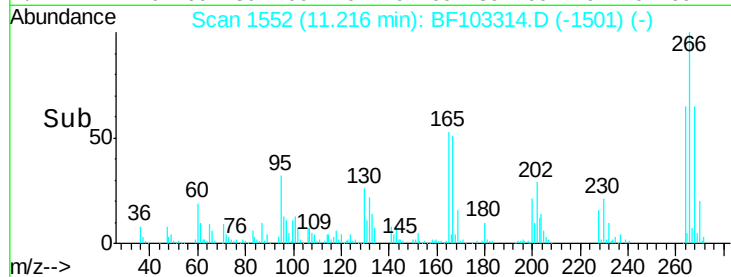
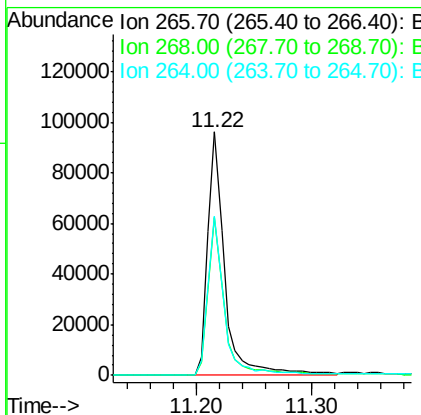
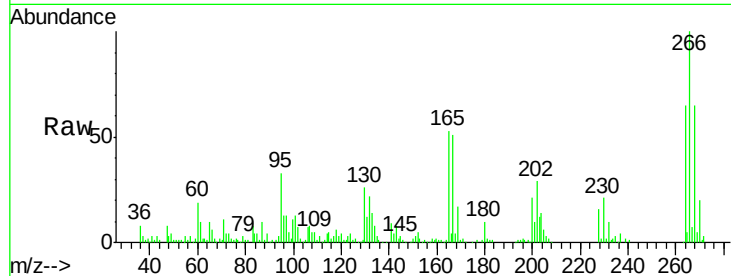
#69
 Pentachlorophenol
 Concen: 51.816 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.2	49.5	74.3

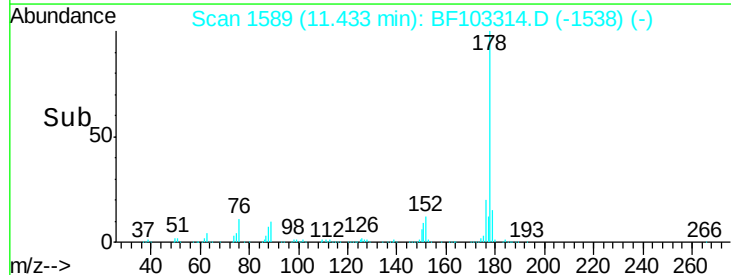
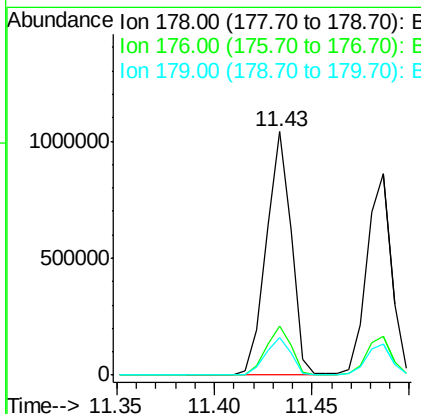
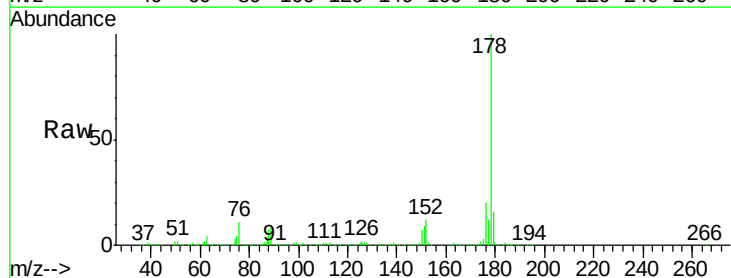
Manual Integrations
 APPROVED

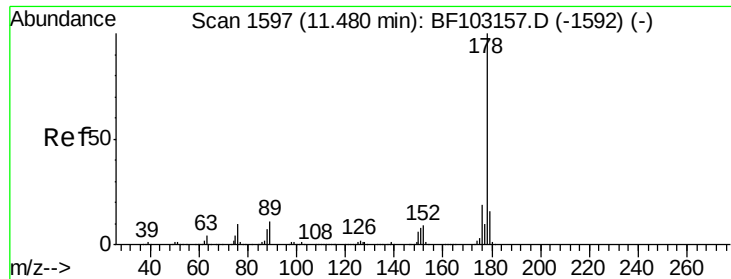
Sohil
 3/1/2018 11:43:38 AM



#70
 Phenanthrene
 Concen: 47.741 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	13.0	19.6





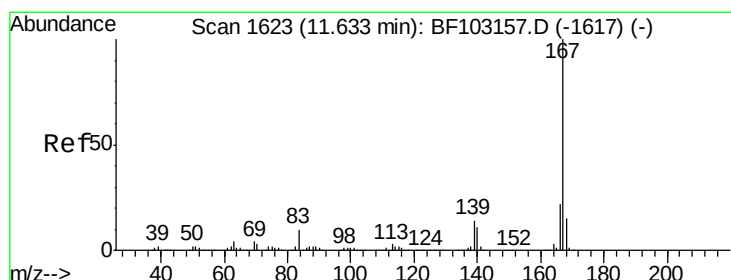
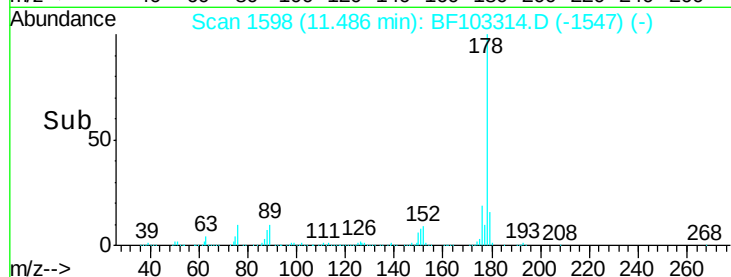
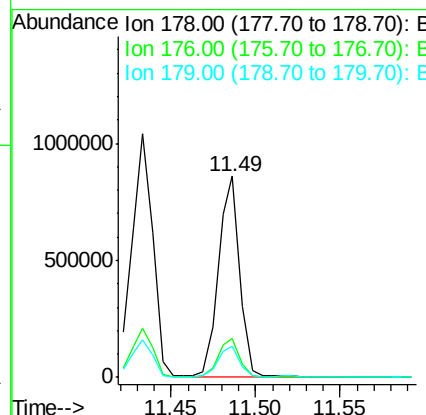
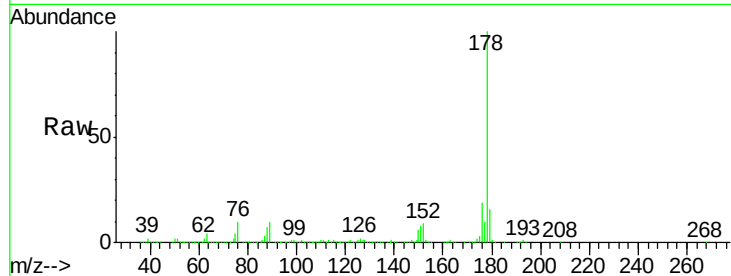
#71
 Anthracene
 Concen: 38.390 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0

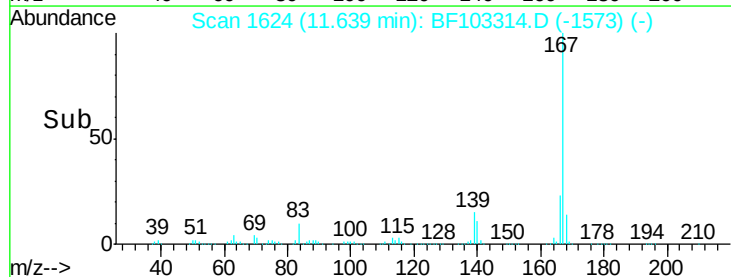
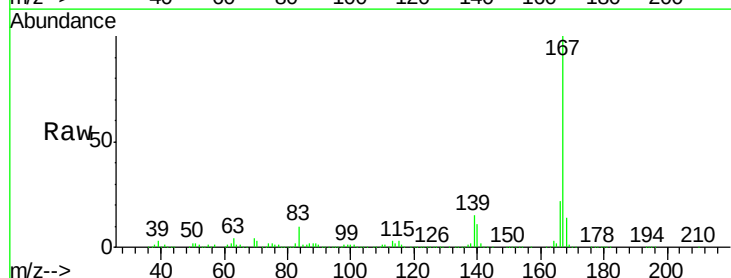
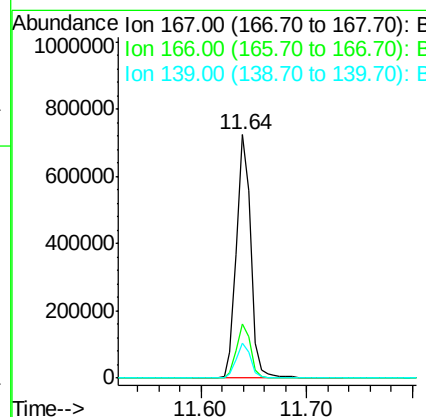
Manual Integrations
 APPROVED

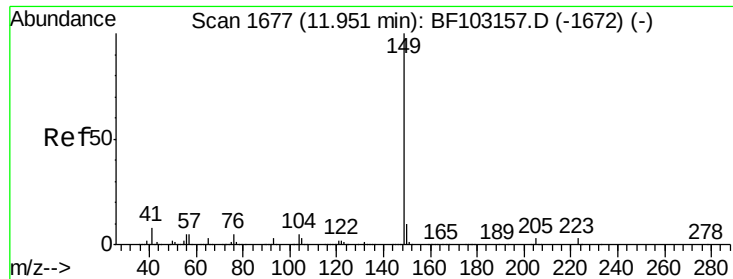
Sohil
 3/1/2018 11:43:38 AM



#72
 Carbazole
 Concen: 34.028 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.244 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

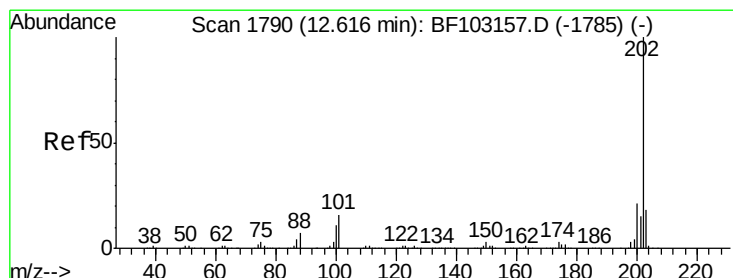
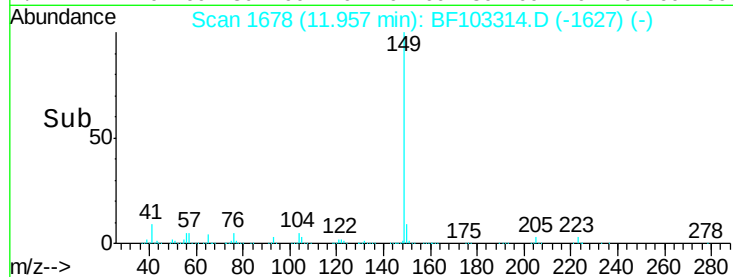
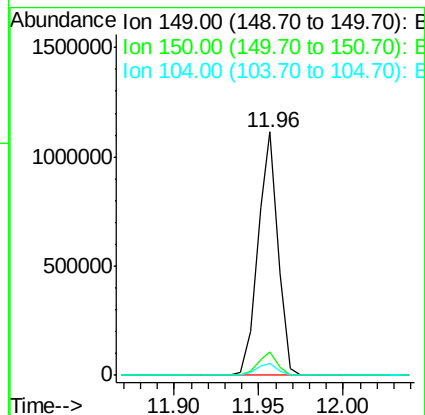
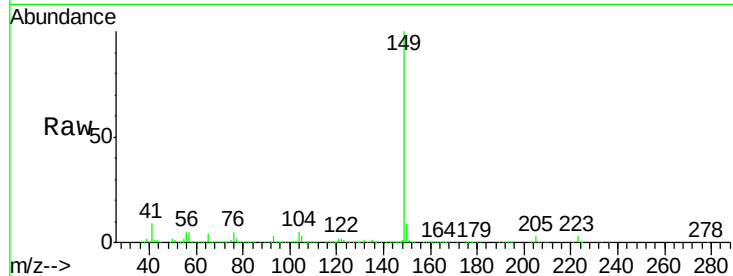
ClientSampleId :

SP-28MSD

Tot Ion:	149	Resp:	917482
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



#74

Fluoranthene

Concen: 50.278 ng

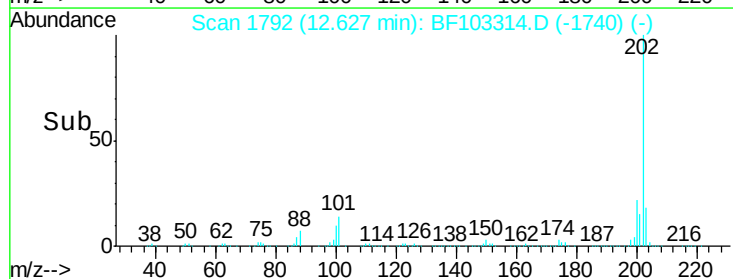
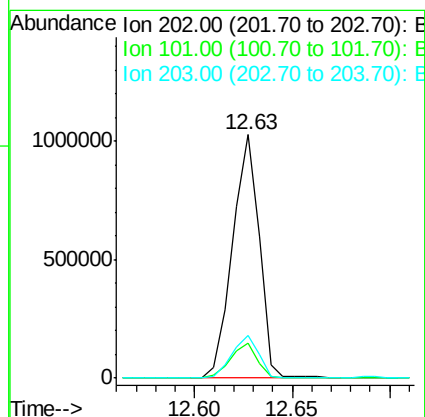
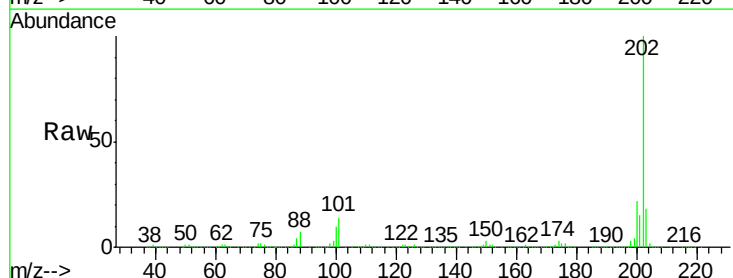
RT: 12.63 min Scan# 1792

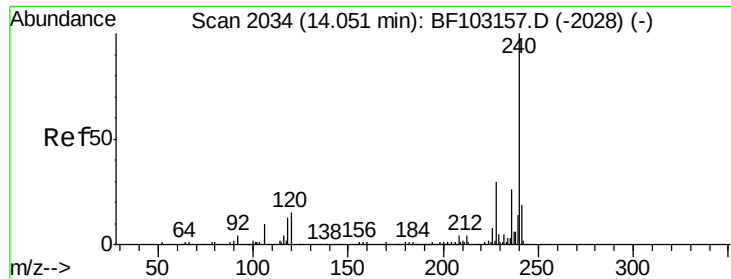
Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	202	Resp:	974047
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

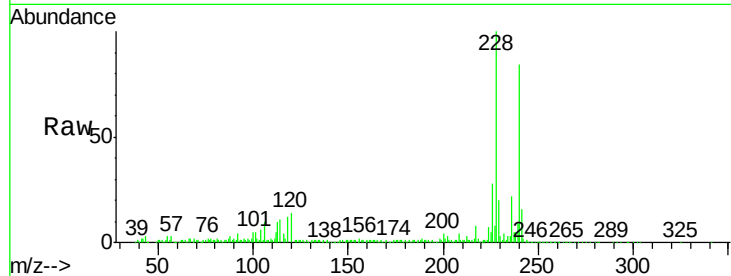
ClientSampleId :

SP-28MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	26.6	20.7	31.1

Manual Integrations
APPROVED

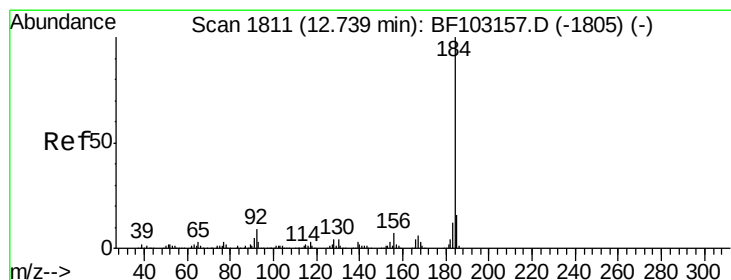
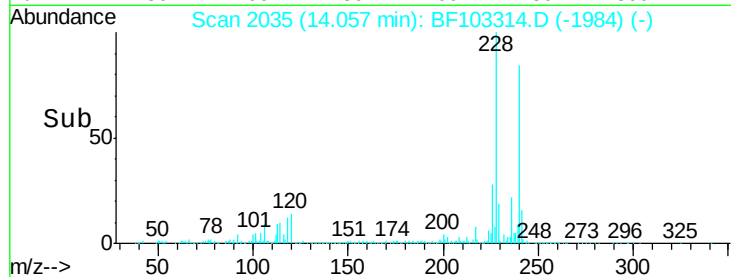
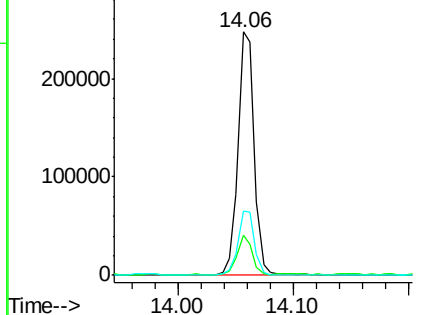
Sohil
3/1/2018 11:43:38 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.843 ng

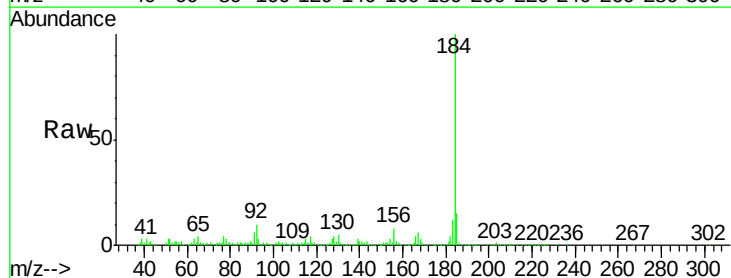
RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

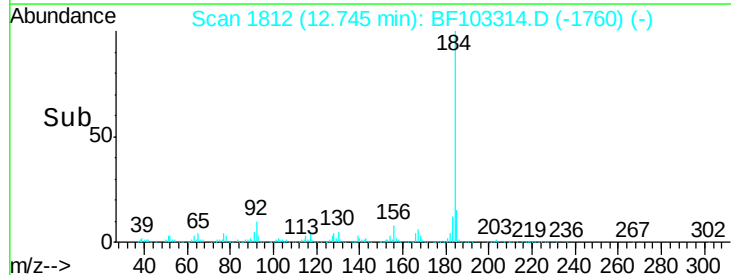
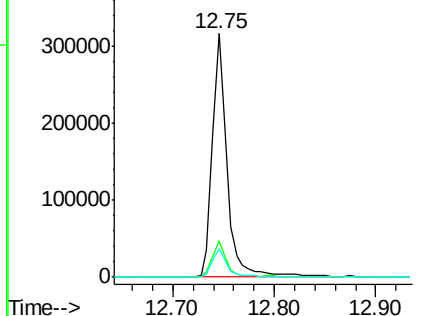
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.5	9.3	13.9

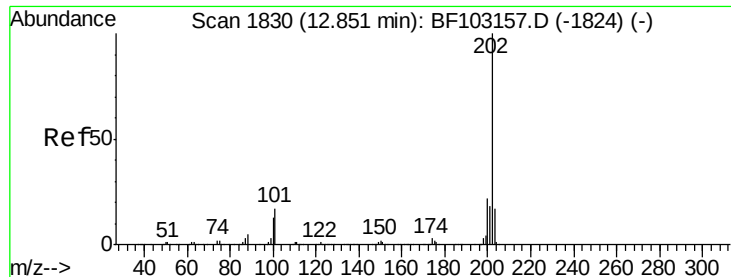


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





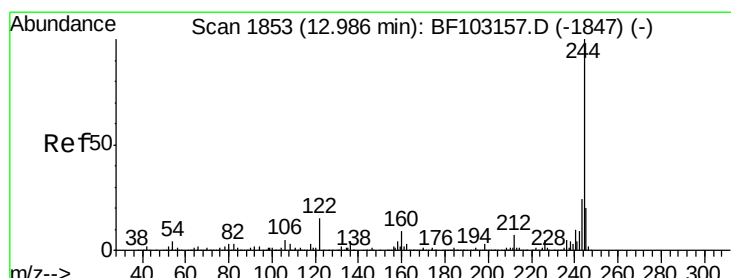
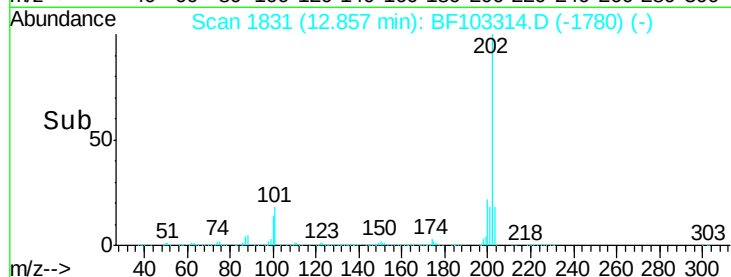
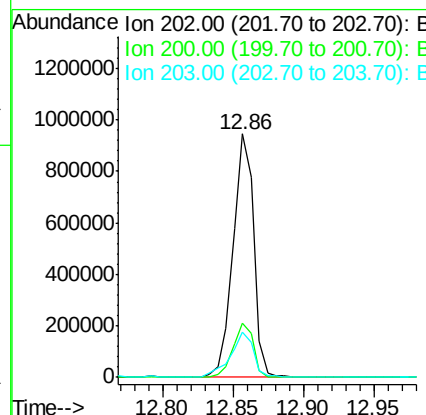
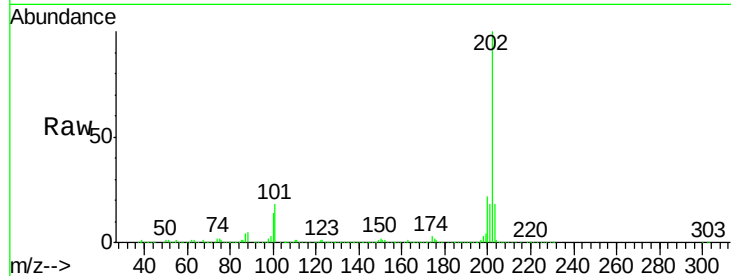
#77
Pvrene
Concen: 51.257 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.4	14.3	21.5

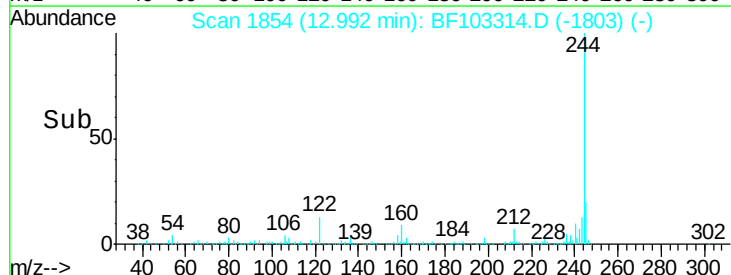
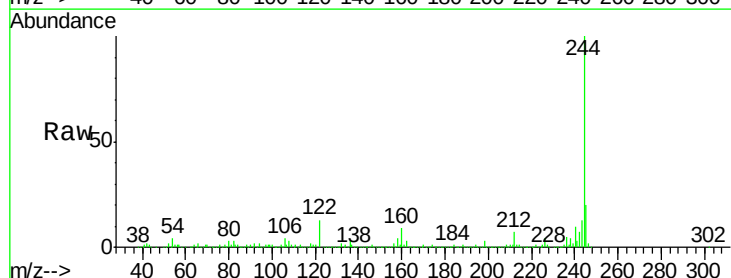
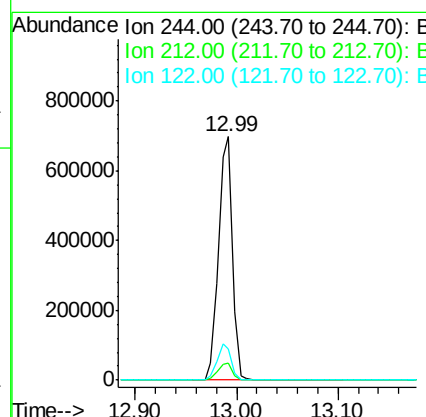
Manual Integrations
APPROVED

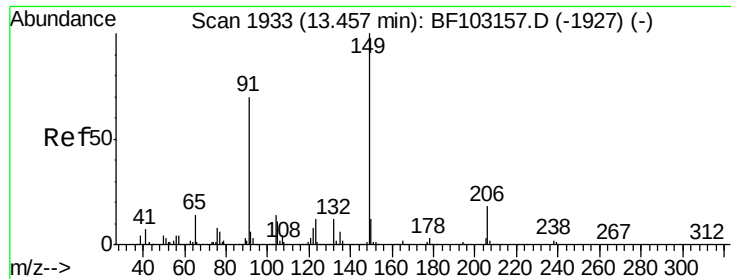
Sohil
3/1/2018 11:43:38 AM



#78
Terphenyl-d14
Concen: 66.881 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.0	11.0	16.4





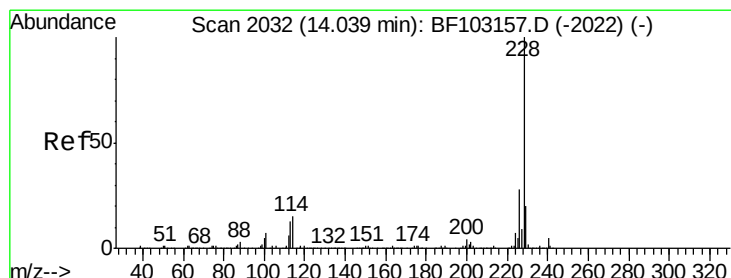
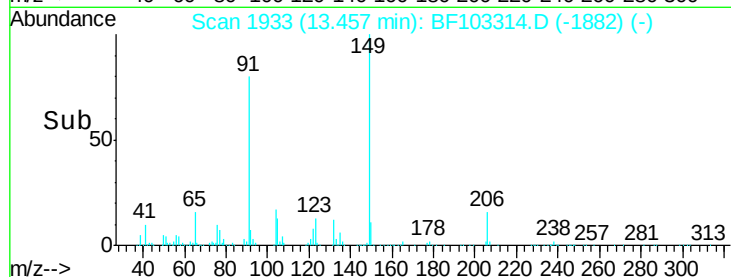
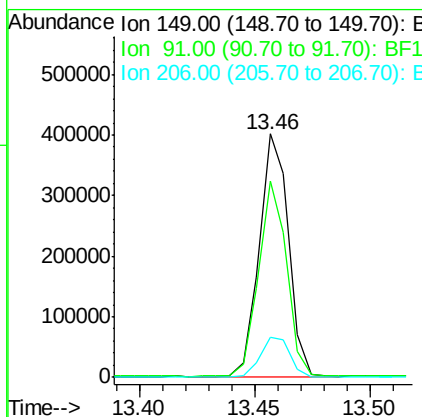
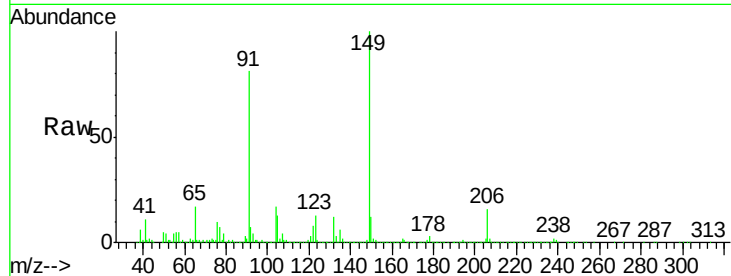
#79
Butylbenzylphthalate
Concen: 35.703 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampled :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	56.8	85.2
206	16.2	14.1	21.1

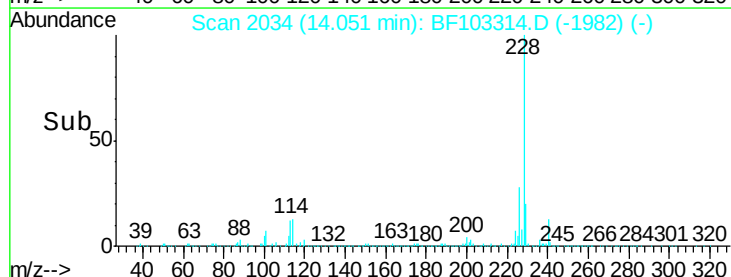
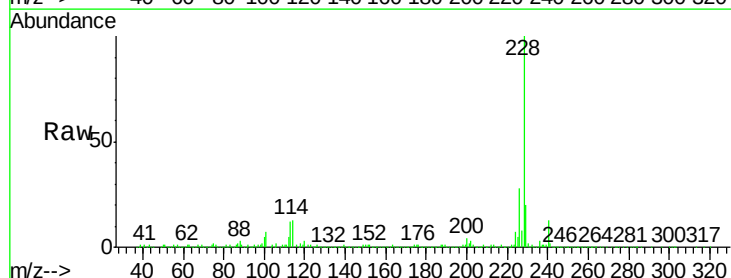
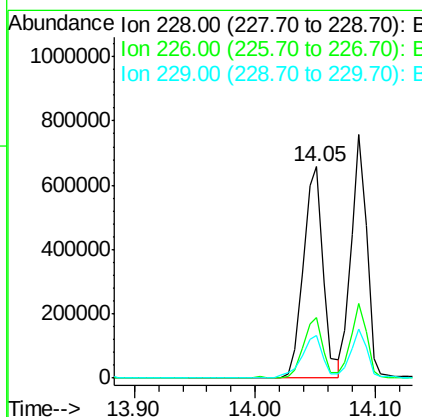
Manual Integrations
APPROVED

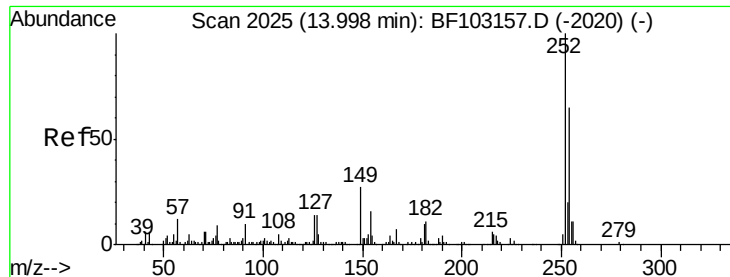
Sohil
3/1/2018 11:43:38 AM



#80
Benzo(a)anthracene
Concen: 47.535 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.5	15.8	23.6





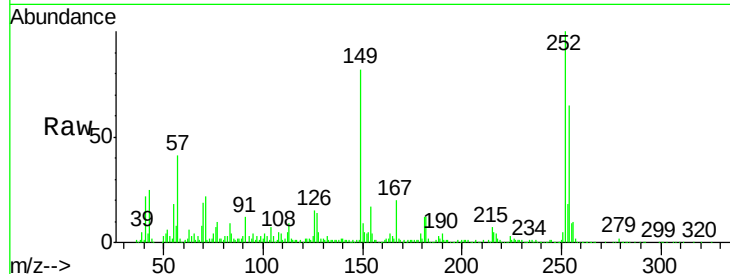
#81
 3,3'-Dichlorobenzidine
 Concen: 30.802 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampled :
 SP-28MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	14.6	11.3	16.9

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM

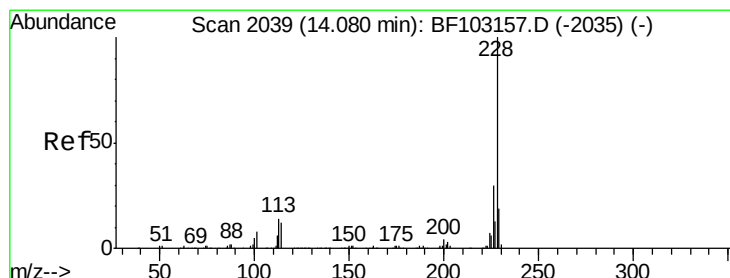
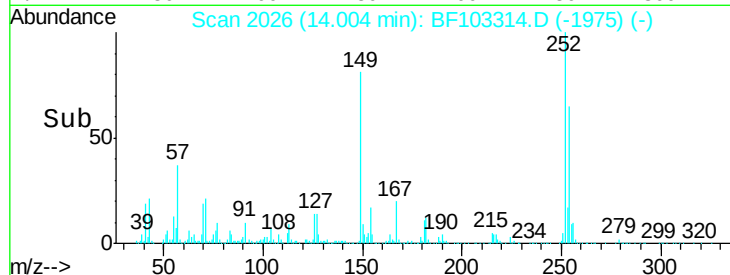
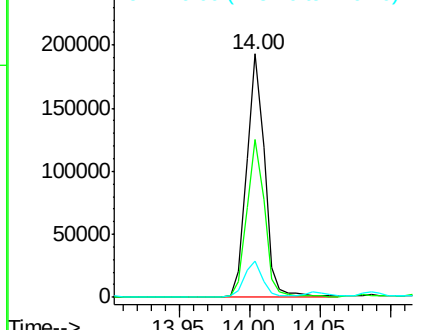


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.728 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

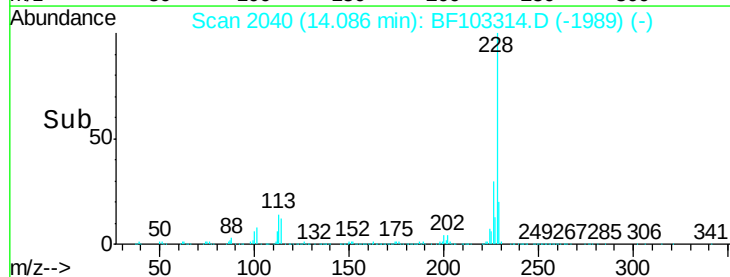
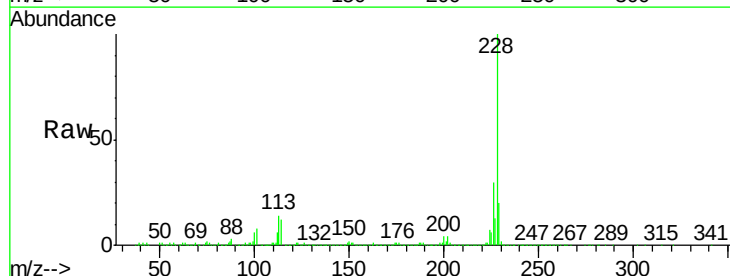
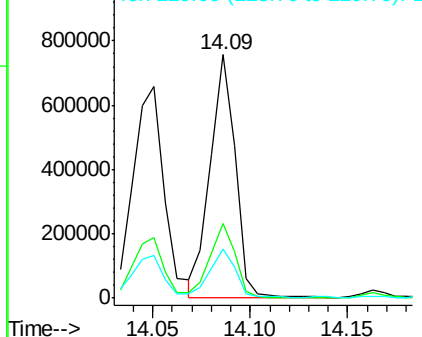
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.2	16.2	24.4

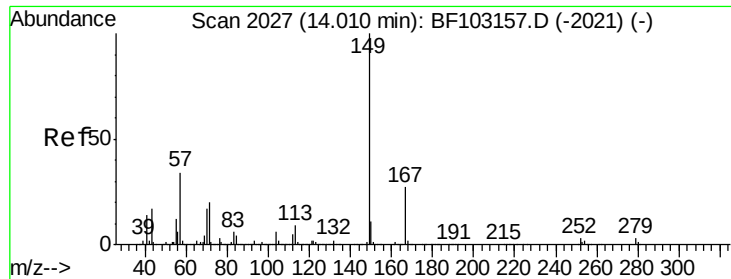
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.387 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

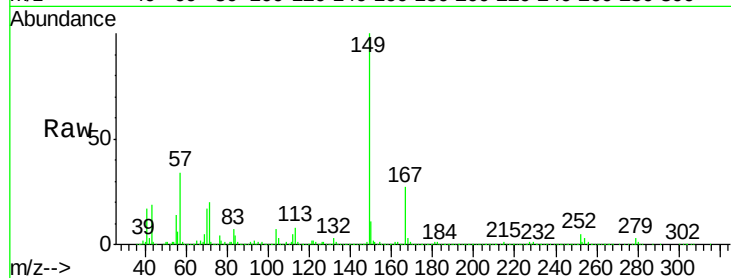
ClientSampleId :

SP-28MSD

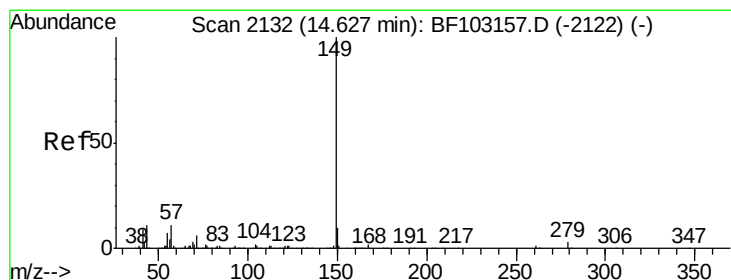
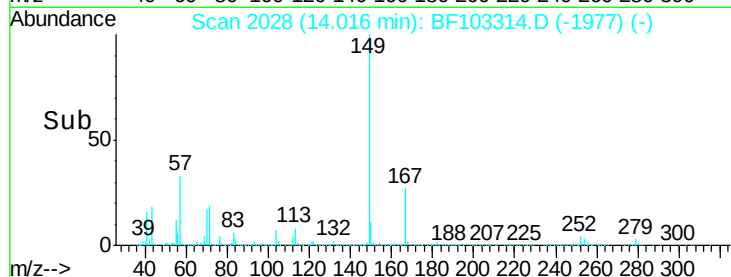
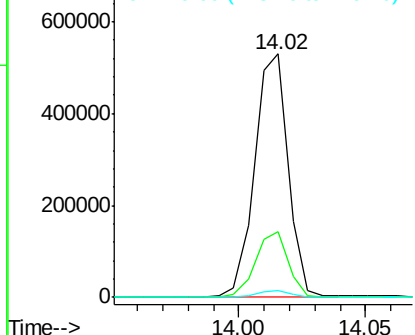
Tot Ion:	149	Resp:	484991
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	2.9	3.0	4.4#

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.457 ng

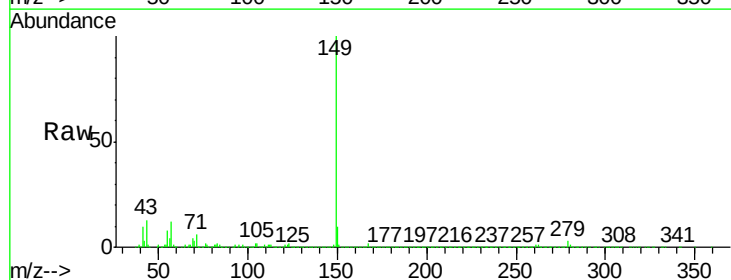
RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

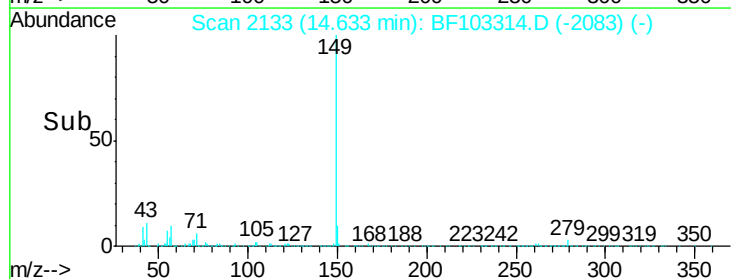
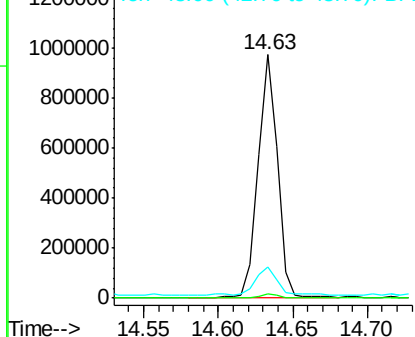
Lab File: BF103314.D

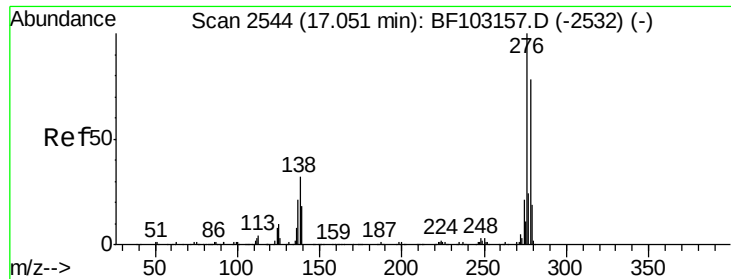
Acq: 1 Mar 2018 00:44

Tgt Ion:	149	Resp:	849716
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.2	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





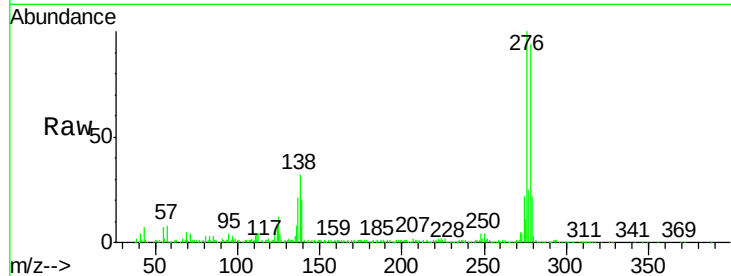
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.157 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampleID :
 SP-28MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.0	37.6
277	24.1	20.1	30.1

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM

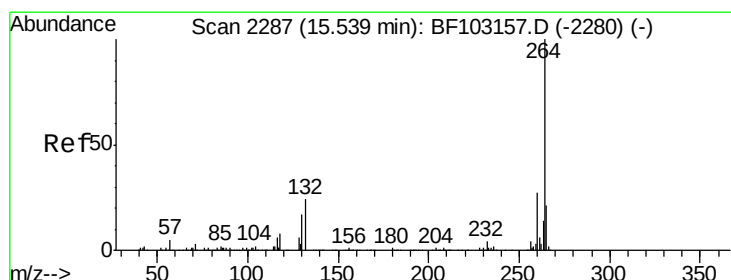
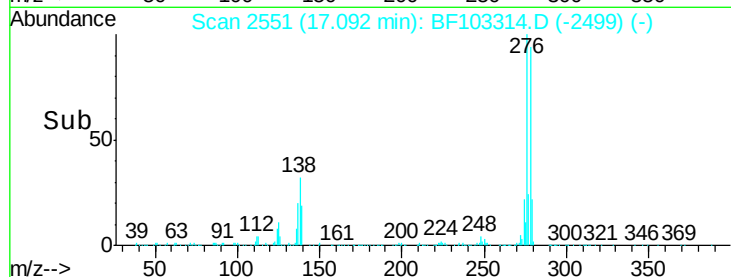
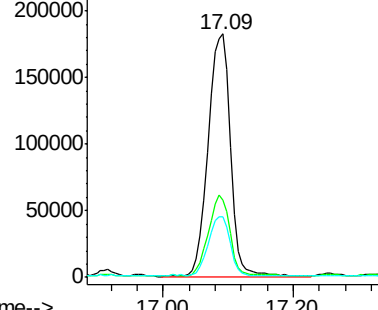


Abundance

Ion 276.00 (275.70 to 276.70): E

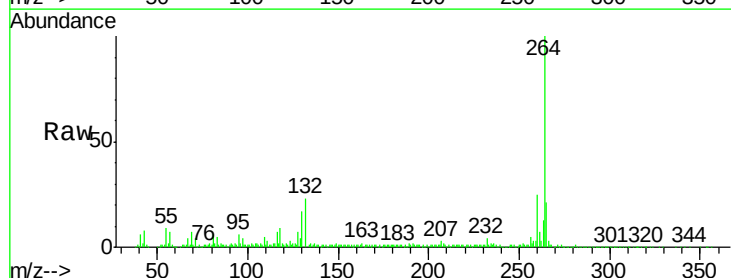
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.4	17.5	26.3

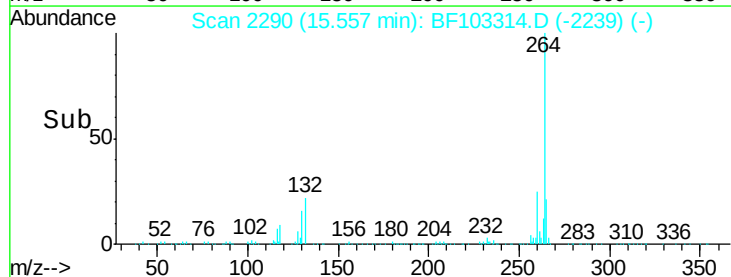
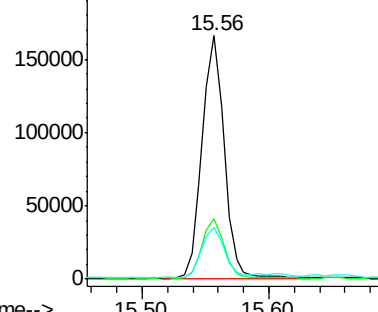


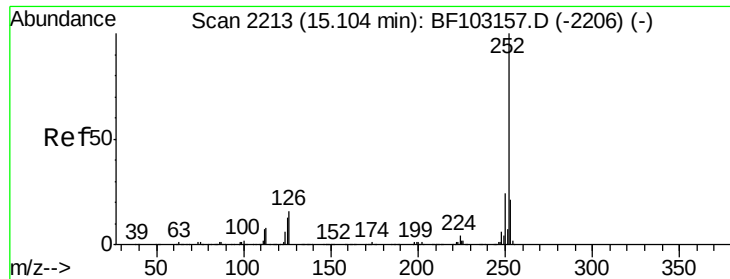
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.299 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Instrument :

BNA_F

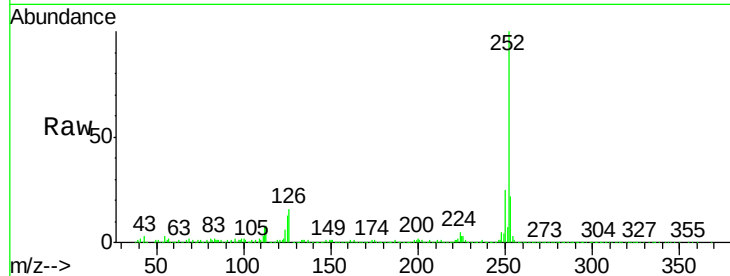
ClientSampleId :

SP-28MSD

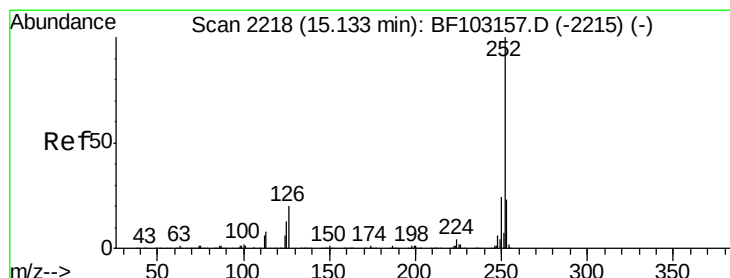
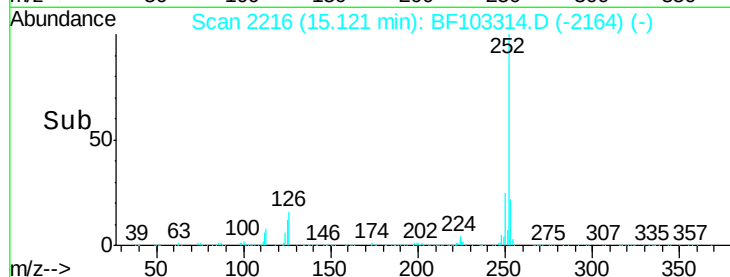
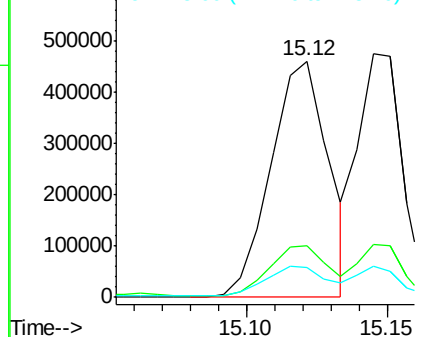
Tot Ion:	252	Resp:	647493
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	12.7	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/1/2018 11:43:38 AM



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



#88

Benzo(k)fluoranthene

Concen: 42.044 ng

RT: 15.14 min Scan# 2220

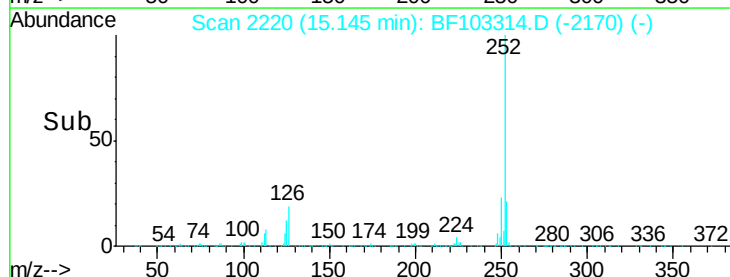
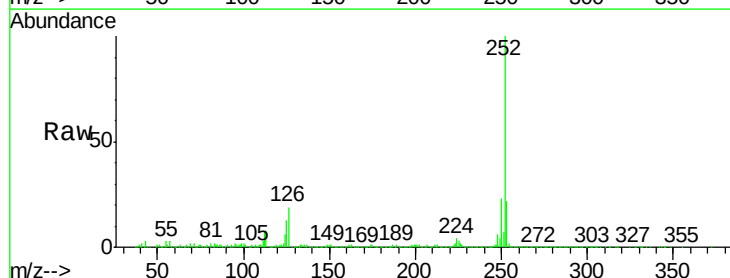
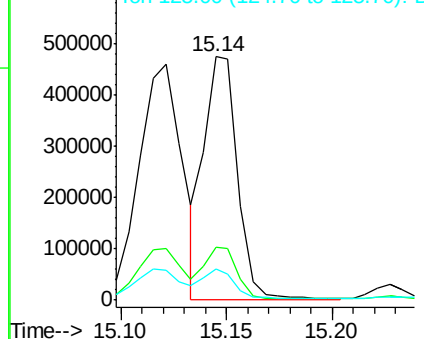
Delta R.T. -0.01 min

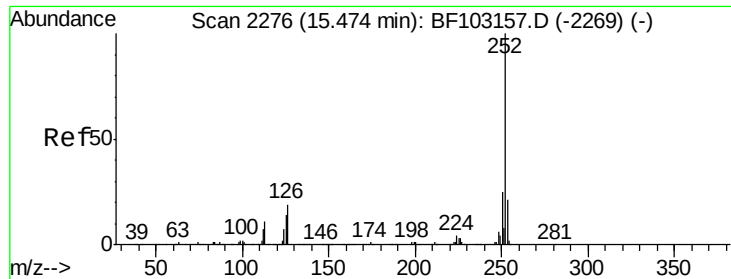
Lab File: BF103314.D

Acq: 1 Mar 2018 00:44

Tgt Ion:	252	Resp:	519998
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	12.7	10.2	15.2

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





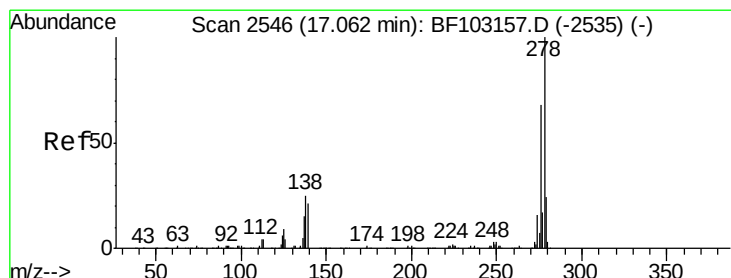
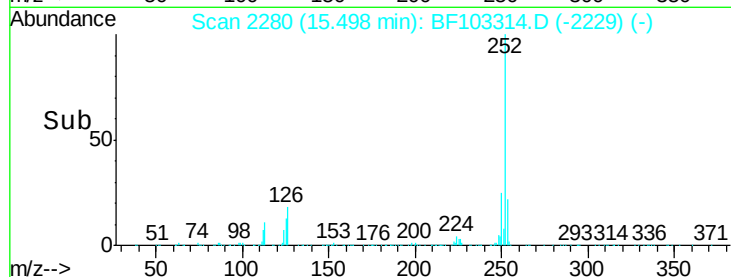
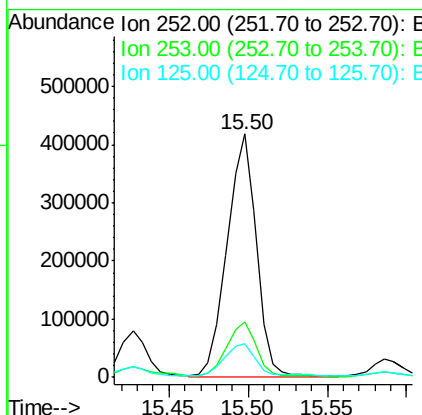
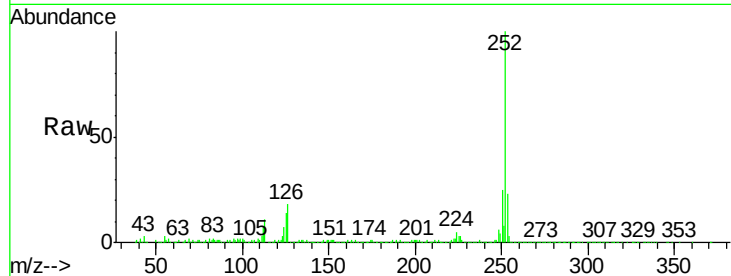
#89
Benzo(a)pyrene
Concen: 45.452 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SP-28MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.9	9.8	14.6

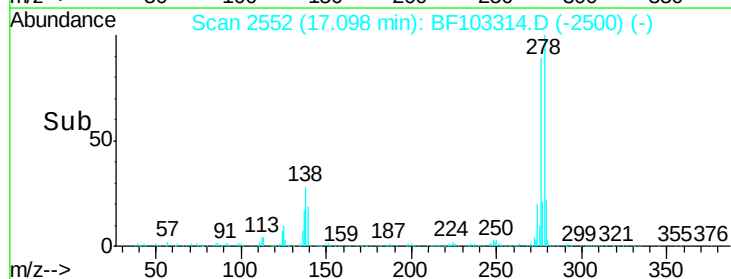
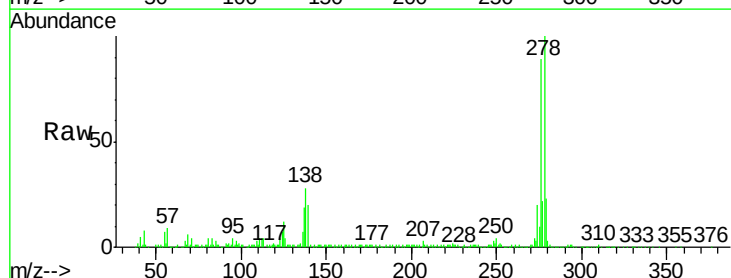
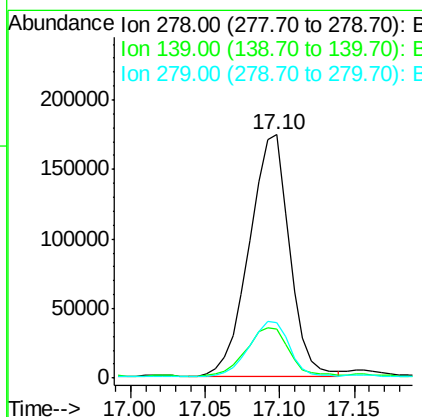
Manual Integrations
APPROVED

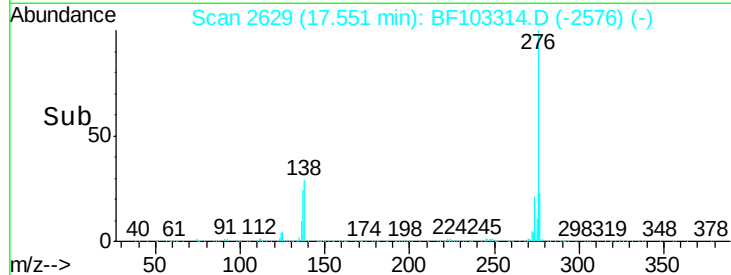
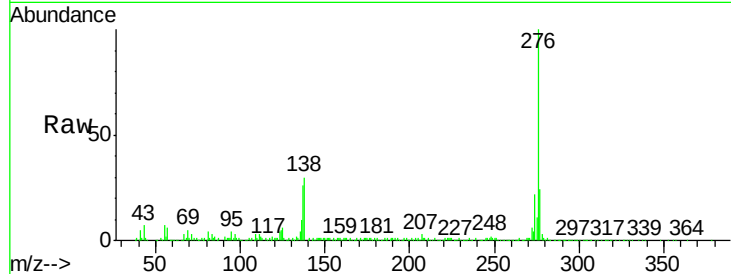
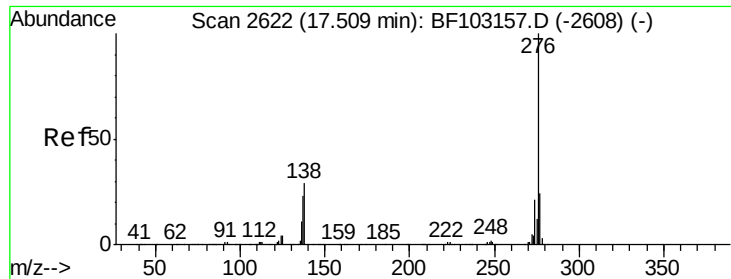
Sohil
3/1/2018 11:43:38 AM



#90
Dibenzo(a,h)anthracene
Concen: 35.827 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103314.D
Acq: 1 Mar 2018 00:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	22.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.949 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF103314.D
 Acq: 1 Mar 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	29.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:38 AM

