

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103561.D
 Acq On : 9 Mar 2018 17:07
 Operator : SJ/JU
 Sample : J1855-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Manual Integrations
 APPROVED

Sohil

3/12/2018 3:50:21 PM

Quant Time: Mar 09 18:48:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140069	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	577224	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	235730	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337361	20.00	ng	0.00
75) Chrysene-d12	14.06	240	218093	20.00	ng	0.00
86) Perylene-d12	15.57	264	191143	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1085173	117.17	ng	0.01
7) Phenol-d6	6.52	99	1260330	111.21	ng	0.00
23) Nitrobenzene-d5	7.44	82	834012	82.51	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	173818	87.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1052493	74.71	ng	0.00
78) Terphenyl-d14	12.99	244	676956	74.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	136965	28.001	ng	94
3) Pyridine	3.50	79	374862m	28.706	ng	
4) n-Nitrosodimethylamine	3.42	42	193969	36.830	ng	88
6) Aniline	6.54	93	211840	12.952	ng	# 58
8) 2-Chlorophenol	6.66	128	339130	35.250	ng	92
9) Benzaldehyde	6.43	77	201291	26.521	ng	96
10) Phenol	6.53	94	434757	33.047	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	354080	35.462	ng	94
12) 1,3-Dichlorobenzene	6.80	146	349391	31.779	ng	95
13) 1,4-Dichlorobenzene	6.88	146	367342	33.326	ng	99
14) 1,2-Dichlorobenzene	7.03	146	317271	31.215	ng	98
15) Benzyl Alcohol	7.02	79	273782	32.060	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	550682	32.117	ng	# 48
17) 2-Methylphenol	7.13	107	283869	32.468	ng	# 82
18) Hexachloroethane	7.37	117	102136	25.453	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	261296	37.048	ng	95
20) 3+4-Methylphenols	7.29	107	392485	36.826	ng	89
22) Acetophenone	7.28	105	498033	36.964	ng	# 94
24) Nitrobenzene	7.46	77	395969	35.582	ng	97
25) Isophorone	7.69	82	737309	37.038	ng	97
26) 2-Nitrophenol	7.77	139	163451	31.200	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	316608	39.538	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	451076	38.540	ng	99
29) 2,4-Dichlorophenol	8.03	162	286719	37.398	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	257756	31.572	ng	99
31) Naphthalene	8.17	128	967424	34.233	ng	99
32) Benzoic acid	7.93	122	59936	15.549	ng	95
33) 4-Chloroaniline	8.25	127	124430	10.204	ng	# 91
34) Hexachlorobutadiene	8.27	225	130058	30.592	ng	96
35) Caprolactam	8.60	113	93322	34.634	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	315214	36.452	ng	97
37) 2-Methylnaphthalene	8.86	142	608498	33.317	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	219689	34.090	ng	99
40) Hexachlorocyclopentadiene	9.00	237	1030	9.285	ng	83

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Manual Integrations
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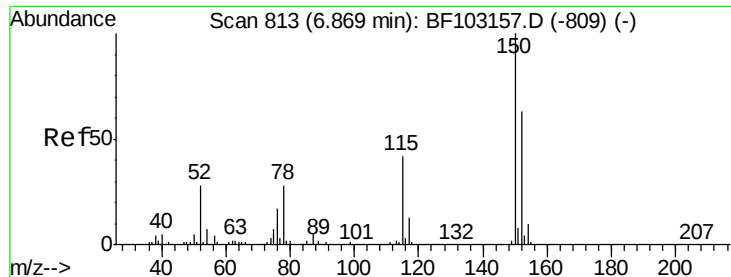
Sohil

3/12/2018 3:50:21 PM

Quant Time: Mar 09 18:48:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	155761	35.920	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	152193	30.516	nq	96
45) 1,1'-Biphenyl	9.33	154	674766	34.160	nq	98
46) 2-Chloronaphthalene	9.36	162	529602	33.890	nq	99
47) 2-Nitroaniline	9.46	65	228495	39.473	nq #	83
48) Acenaphthylene	9.77	152	772055	32.110	nq	99
49) Dimethylphthalate	9.62	163	636894	33.679	nq	99
50) 2,6-Dinitrotoluene	9.70	165	124842	31.459	nq #	66
51) Acenaphthene	9.95	154	447106	31.890	nq	98
52) 3-Nitroaniline	9.88	138	131448	26.108	nq	95
54) Dibenzofuran	10.12	168	649359	33.739	nq	94
55) 4-Nitrophenol	10.06	139	122997	39.416	nq #	83
56) 2,4-Dinitrotoluene	10.12	165	145750	29.039	nq #	60
57) Fluorene	10.46	166	503586	30.715	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	106446	31.772	nq	96
59) Diethylphthalate	10.32	149	622482	34.417	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	233150	33.534	nq	97
61) 4-Nitroaniline	10.50	138	142919	28.419	nq	99
62) Azobenzene	10.61	77	639425	34.733	nq	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	3198	6.343	nq #	36
65) n-Nitrosodiphenylamine	10.57	169	454059	38.655	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	123103	35.029	nq	96
67) Hexachlorobenzene	11.02	284	119111	31.227	nq	96
68) Atrazine	11.09	200	133025	37.678	nq	98
69) Pentachlorophenol	11.22	266	80207	43.488	nq	97
70) Phenanthrene	11.43	178	609469	32.827	nq	99
71) Anthracene	11.48	178	649865	34.135	nq	100
72) Carbazole	11.64	167	620131	32.709	nq	99
73) Di-n-butylphthalate	11.95	149	1291860	54.455	nq	99
74) Fluoranthene	12.63	202	547324	29.336	nq	97
76) Benzidine	12.75	184	149866	18.381	nq	98
77) Pyrene	12.86	202	545931	32.106	nq	100
79) Butylbenzylphthalate	13.45	149	296488	33.002	nq	89
80) Benzo(a)anthracene	14.05	228	456454	32.257	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	144604	28.634	nq	98
82) Chrysene	14.09	228	457478	33.295	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	407161	33.585	nq #	98
84) Di-n-octyl phthalate	14.62	149	712008	36.350	nq	96
85) Indeno(1,2,3-cd)pyrene	17.12	276	323720	29.760	nq	97
87) Benzo(b)fluoranthene	15.13	252	411485	32.742	nq	98
88) Benzo(k)fluoranthene	15.16	252	424374	35.860	nq	98
89) Benzo(a)pyrene	15.51	252	374807	33.397	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	280978	32.401	nq	97
91) Benzo(g,h,i)perylene	17.59	276	256758	30.294	nq	97

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

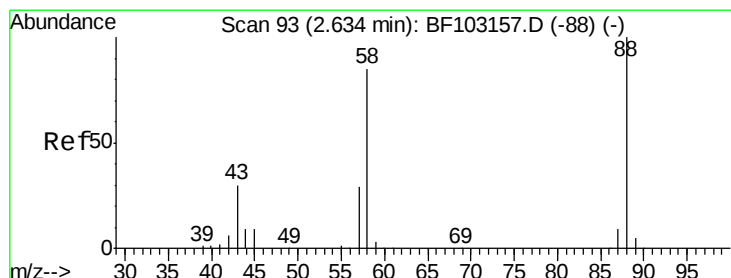
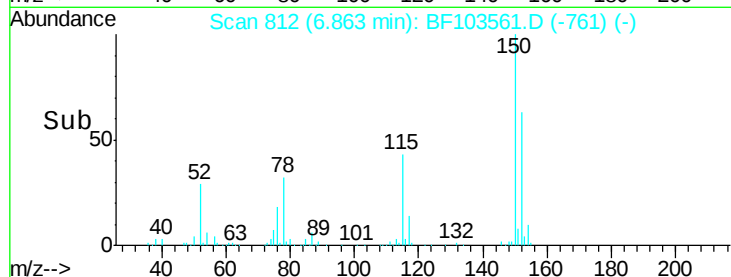
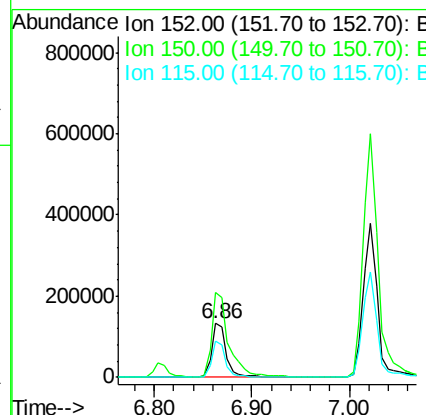
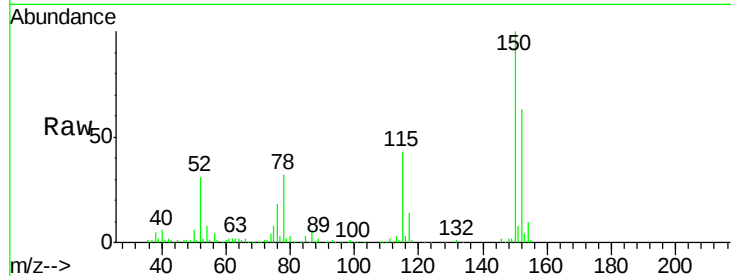
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	67.9	50.1	75.1

Manual Integrations
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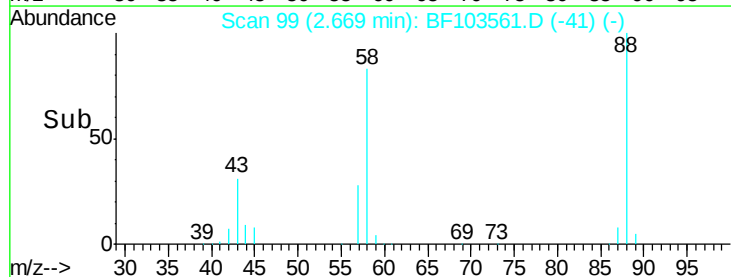
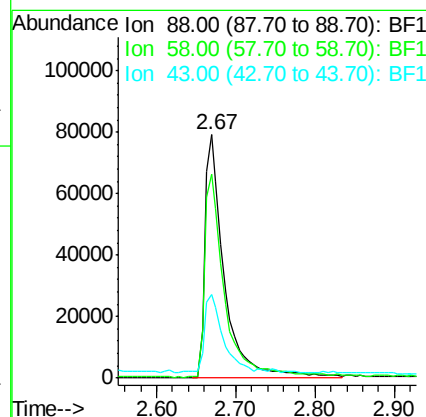
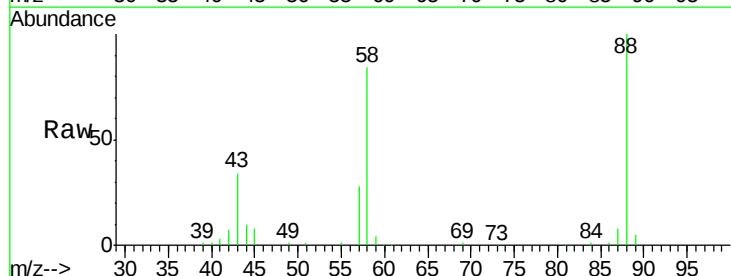
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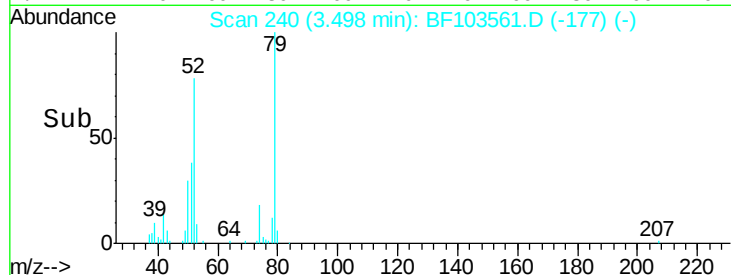
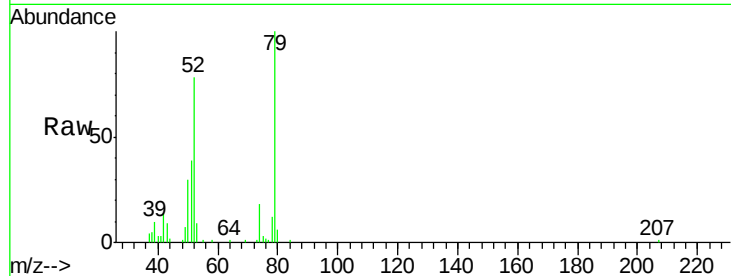
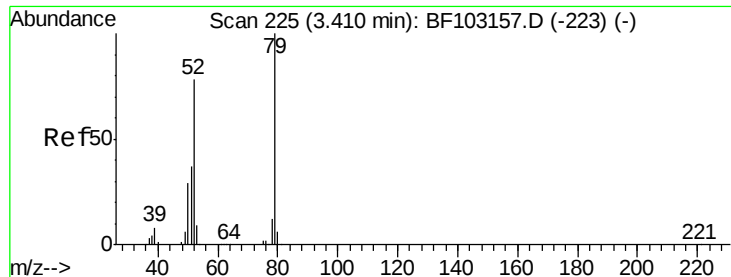


#2

1,4-Dioxane
Concen: 28.001 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.04 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.6	93.8
43	31.9	24.6	37.0





#3
 Pvridine
 Concen: 28.706 ng/ml
 RT: 3.50 min Scan# 240
 Delta R.T. 0.07 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

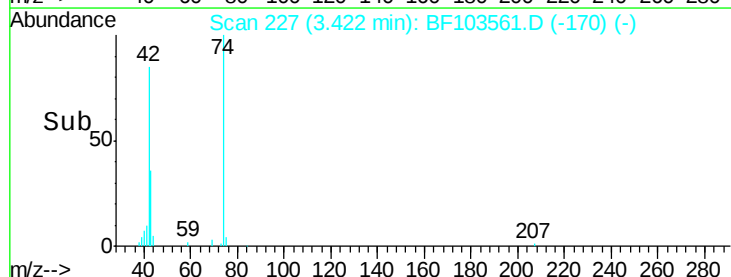
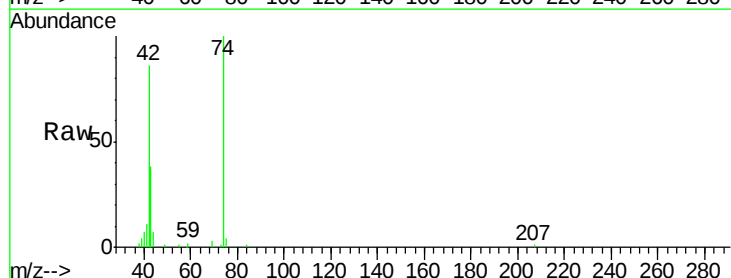
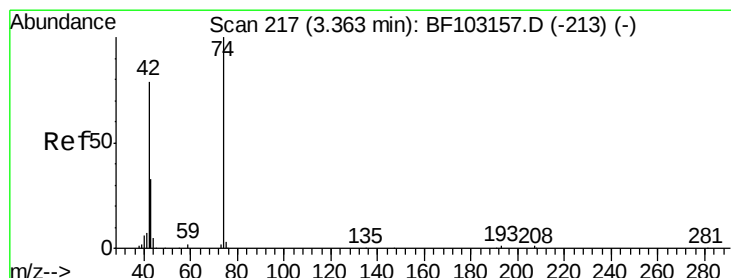
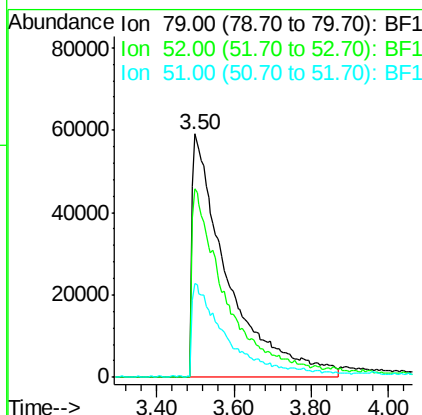
Tot Ion:	79	Resp:	374862
Ion Ratio	Lower	Upper	
79	100		
52	77.5	59.8	89.6
51	38.7	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Manual Integrations
 APPROVED

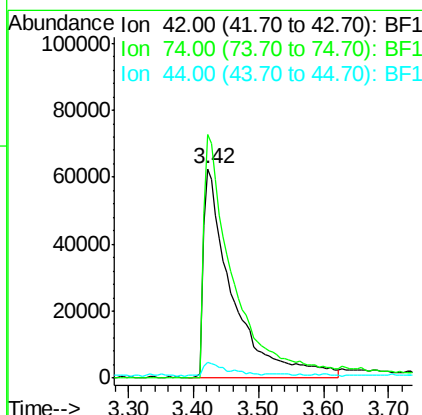
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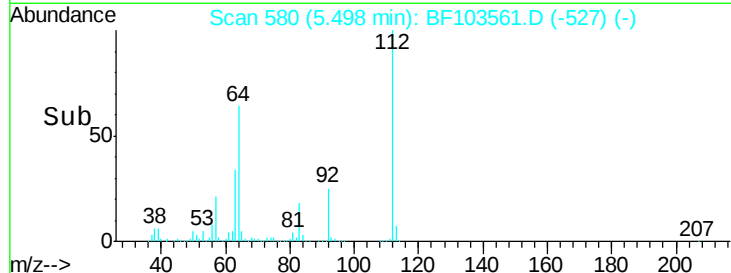
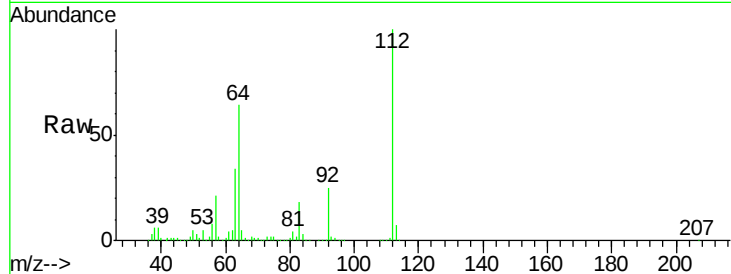
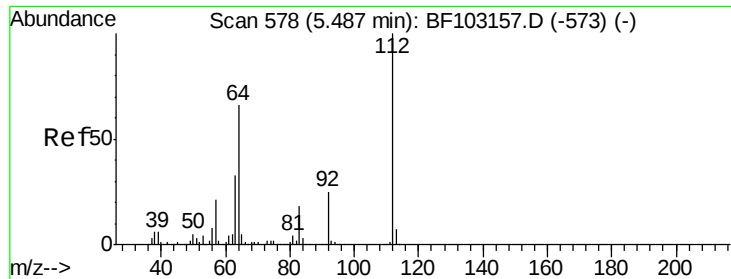
3/12/2018 3:50:21 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.830 ng/ml
 RT: 3.42 min Scan# 227
 Delta R.T. 0.04 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	42	Resp:	193969
Ion Ratio	Lower	Upper	
42	100		
74	116.2	104.9	157.3
44	7.7	6.9	10.3





#5
2-Fluorophenol
Concen: 117.174 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

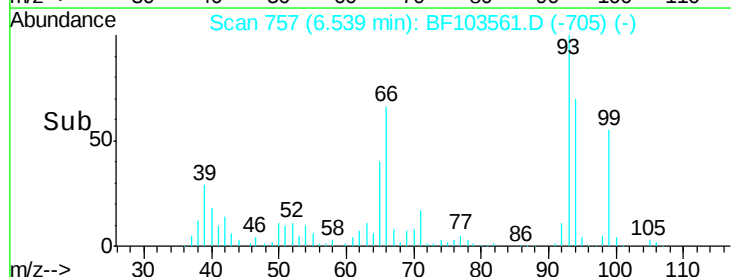
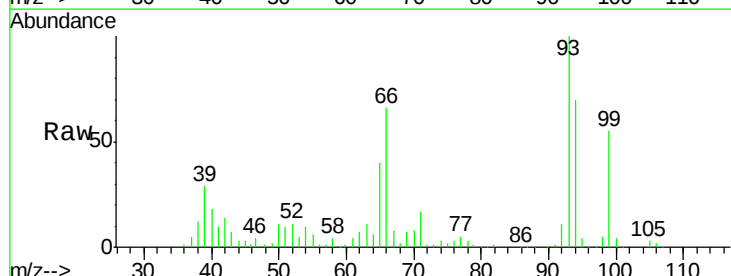
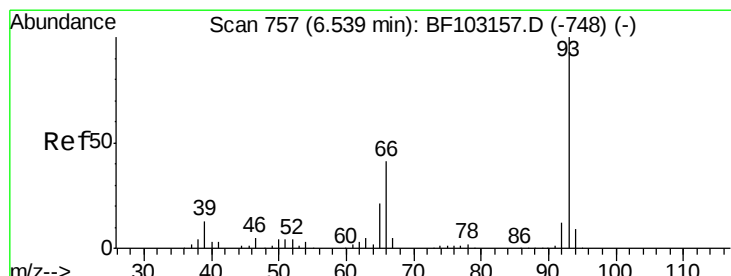
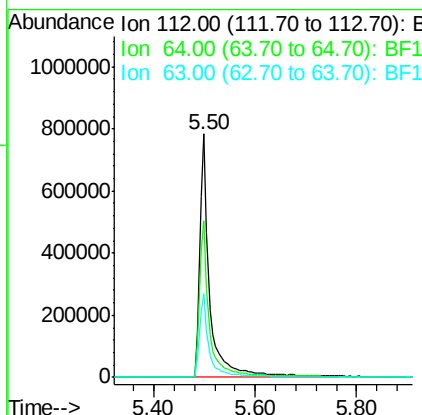
Tot Ion:	112	Resp:	1085173
Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	34.3	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Manual Integrations
APPROVED

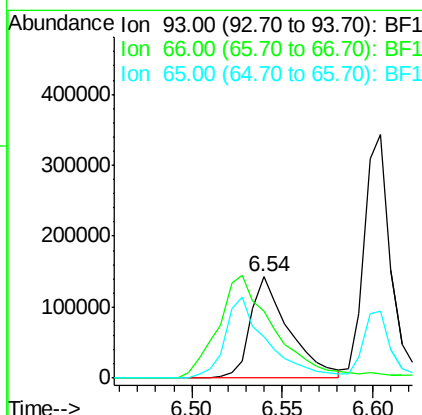
Sohil

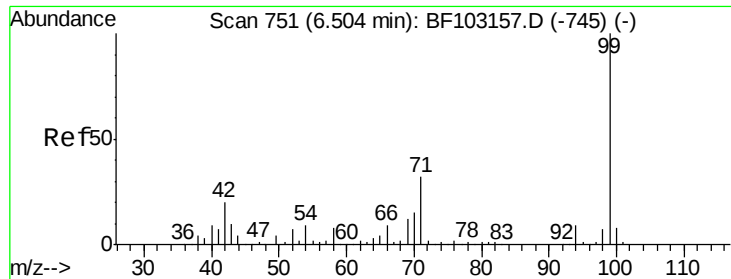
3/12/2018 3:50:21 PM



#6
Aniline
Concen: 12.952 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:	93	Resp:	211840
Ion	Ratio	Lower	Upper
93	100		
66	66.2	32.2	48.2#
65	40.5	16.4	24.6#





#7

Phenol-d6

Concen: 111.214 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion: 99 Resp: 1260330

Ion Ratio Lower Upper

99 100

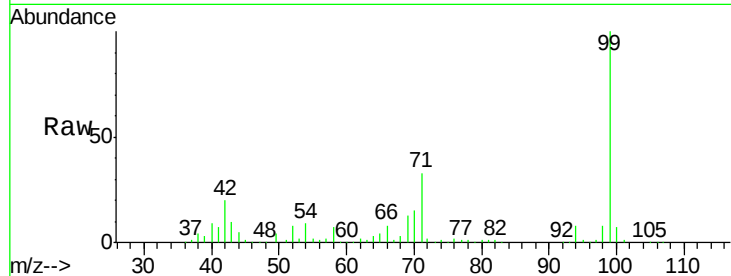
42 20.1 14.5 21.7

71 32.6 25.4 38.0

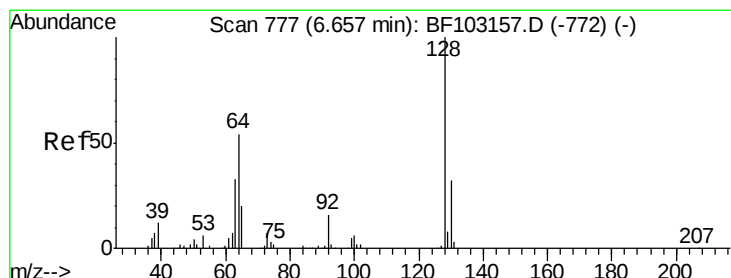
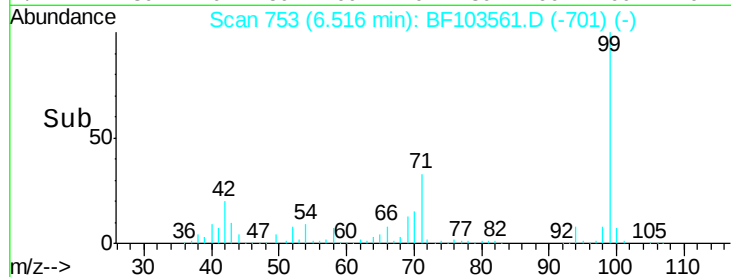
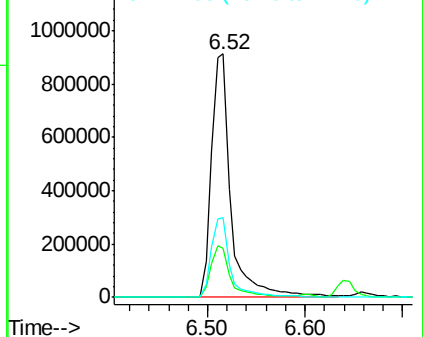
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.250 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

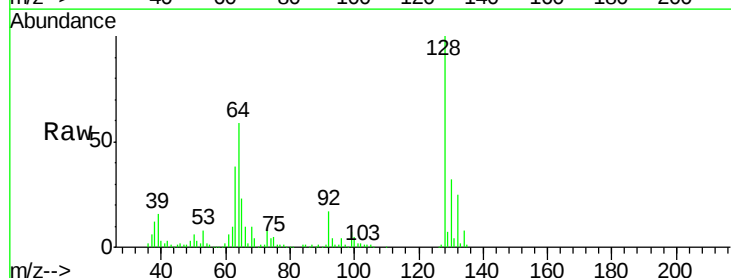
Tgt Ion:128 Resp: 339130

Ion Ratio Lower Upper

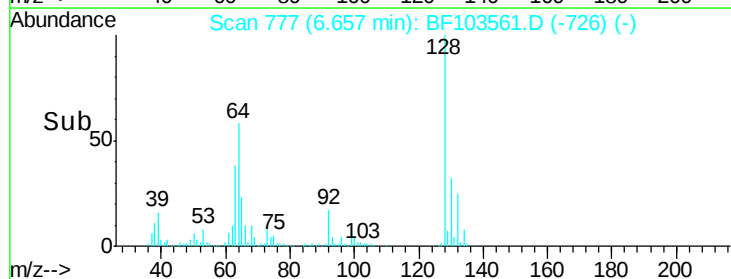
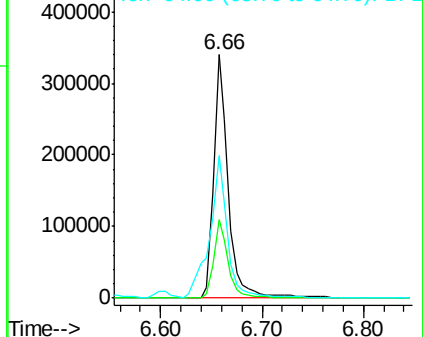
128 100

130 32.5 13.0 53.0

64 58.5 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: 26.521 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

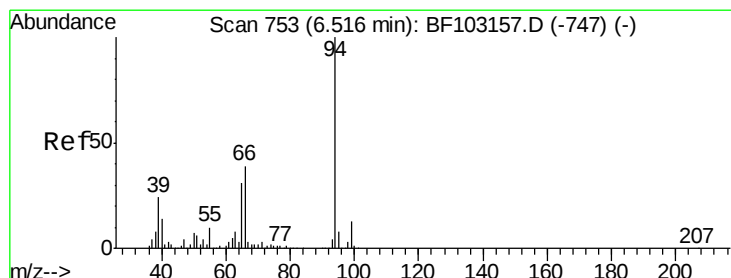
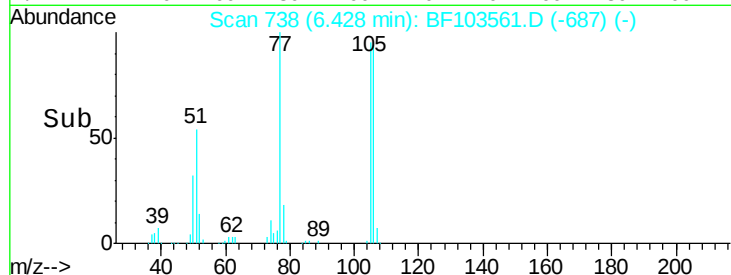
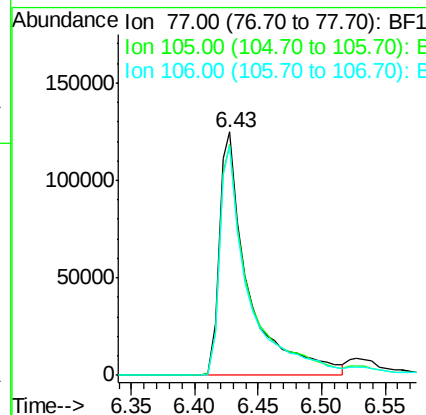
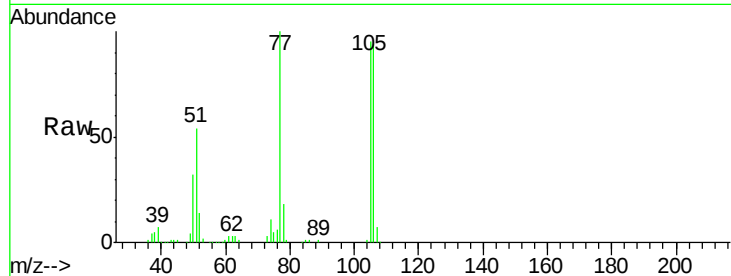
TP-6-COMPMS

Tot Ion:	77	Resp:	201291
Ion Ratio	Lower	Upper	
77	100		
105	94.6	81.1	121.1
106	94.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.047 ng

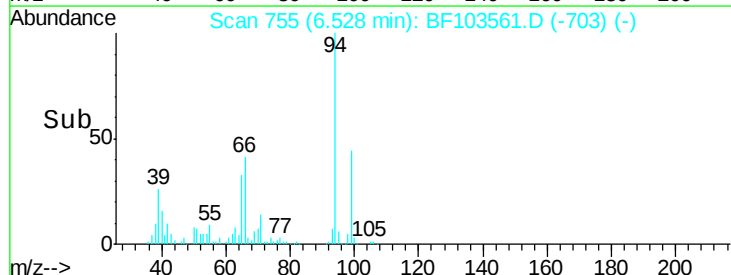
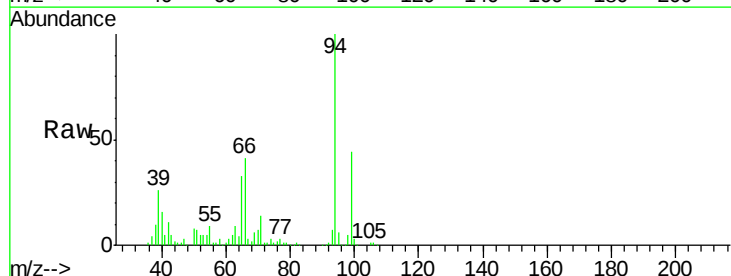
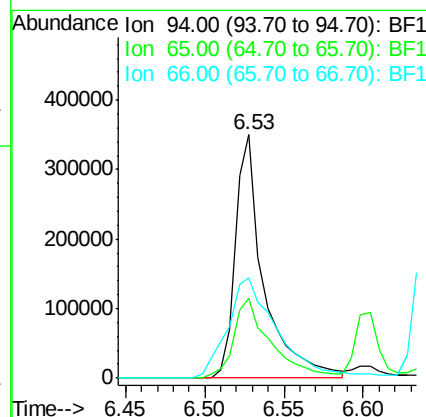
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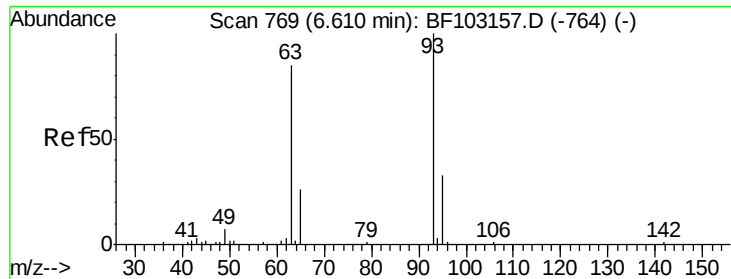
Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Tgt Ion:	94	Resp:	434757
Ion Ratio	Lower	Upper	
94	100		
65	32.7	7.9	47.9
66	41.2	16.2	56.2





#11
bis(2-Chloroethyl)ether
Concen: 35.462 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

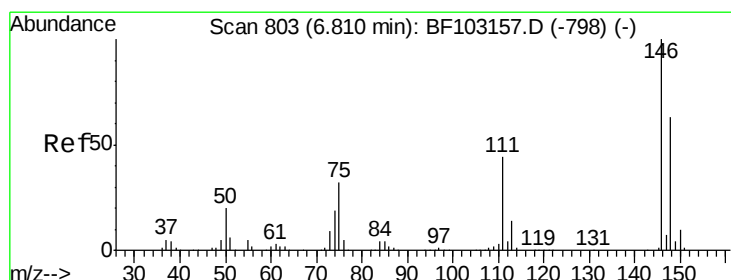
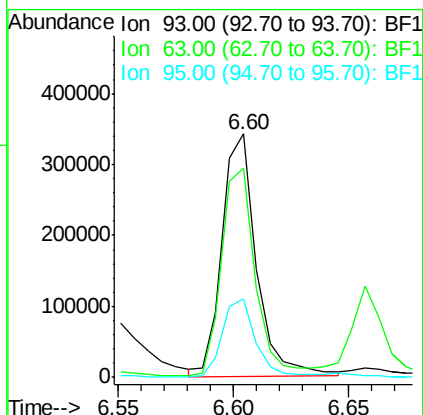
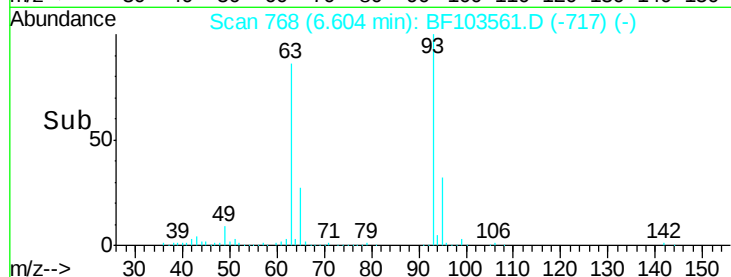
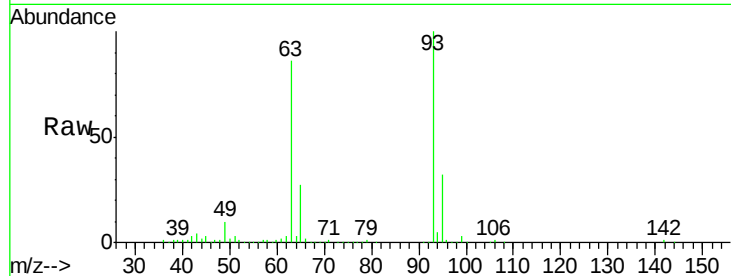
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion:	93	Resp:	354080
Ion Ratio	Lower	Upper	
93	100		
63	85.9	58.6	98.6
95	32.5	11.8	51.8

Manual Integrations
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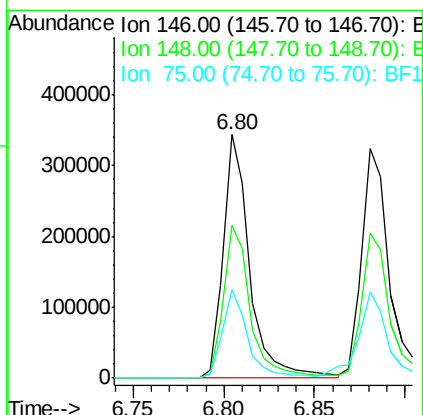
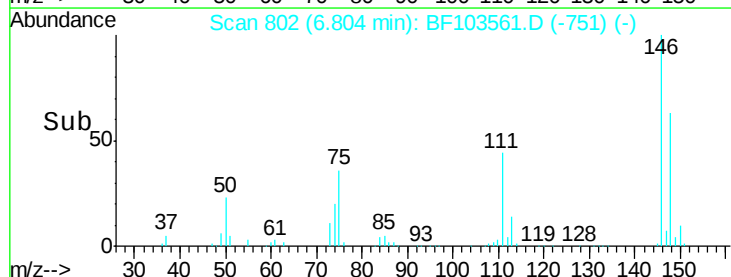
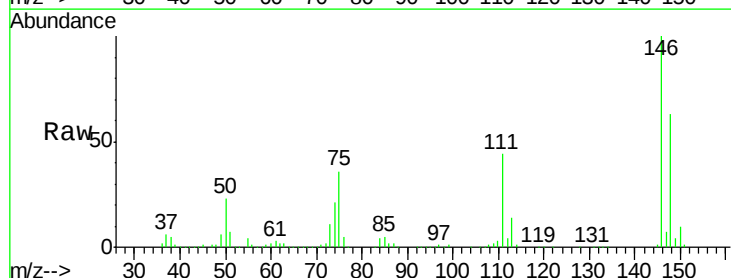
Sohil

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#12
1,3-Dichlorobenzene
Concen: 31.779 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:	146	Resp:	349391
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	36.3	24.2	36.4





#13
 1,4-Dichlorobenzene
 Concen: 33.326 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

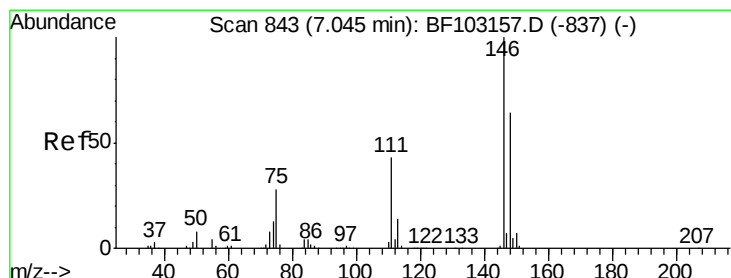
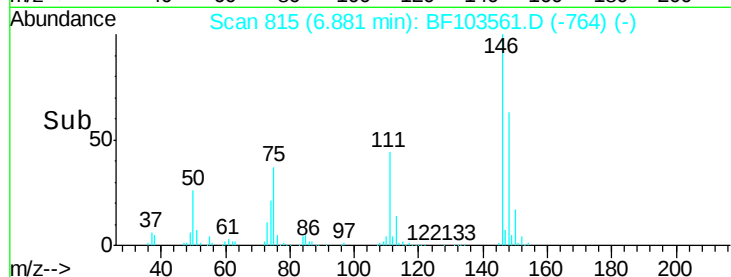
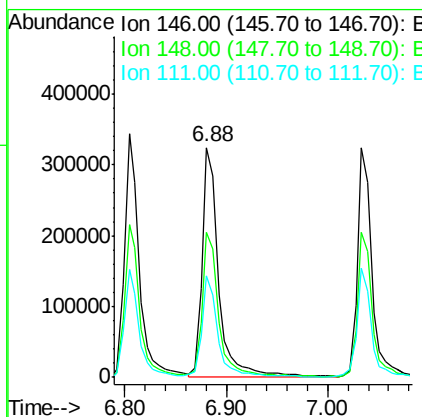
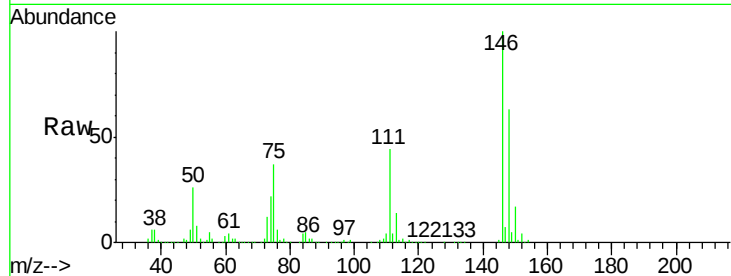
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	44.0	34.2	51.2

Manual Integrations
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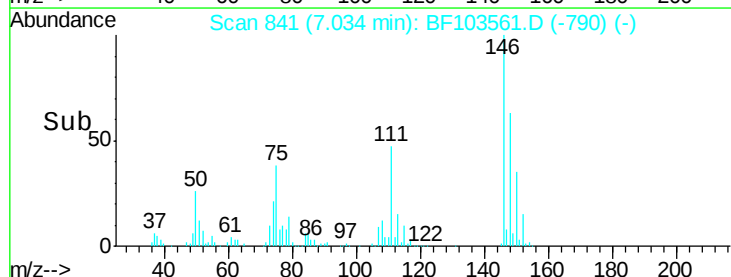
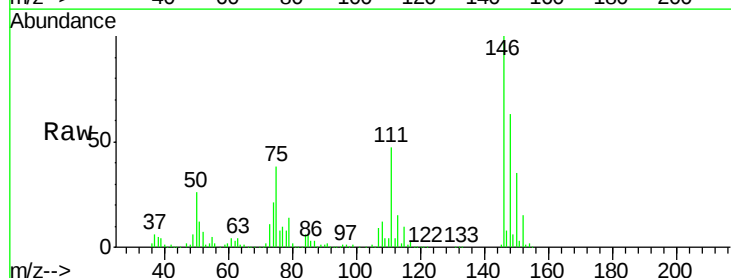
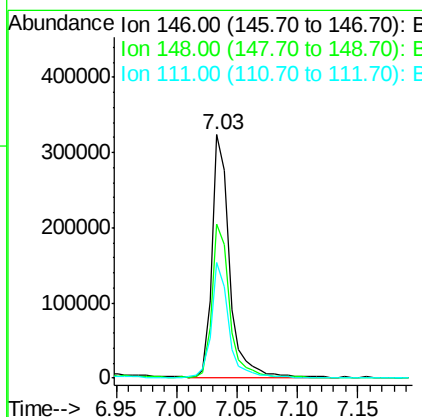
Sohil

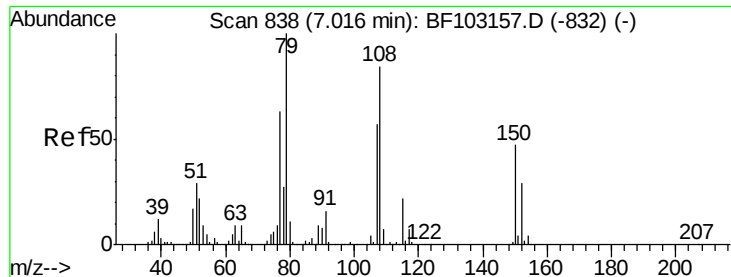
3/12/2018 3:50:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.215 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	47.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.060 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion: 79 Resp: 273782

Ion Ratio Lower Upper

79 100

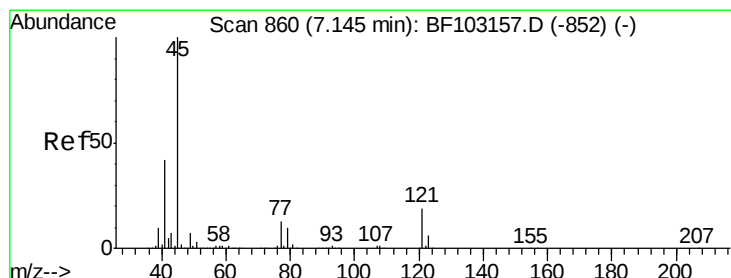
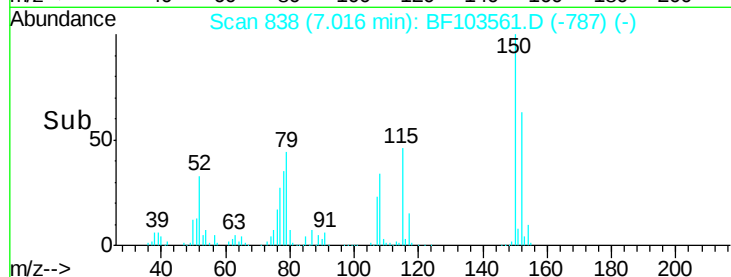
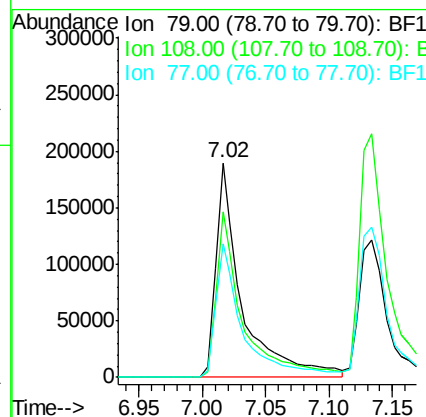
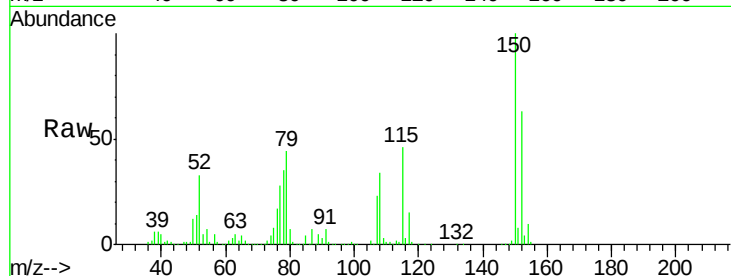
108 77.4 65.1 97.7

77 62.4 50.6 75.8

Manual Integrations
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Sohil

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.117 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

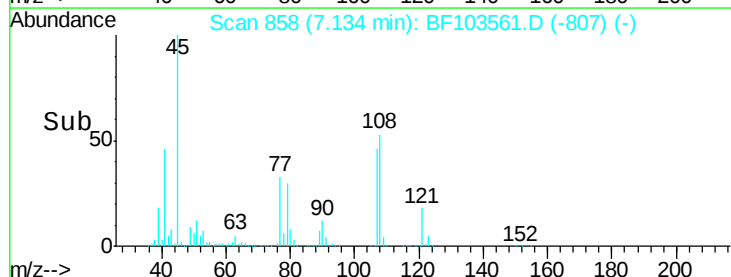
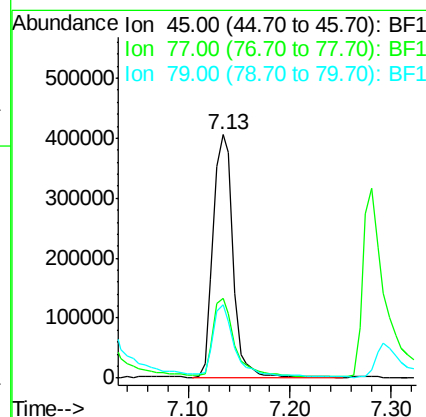
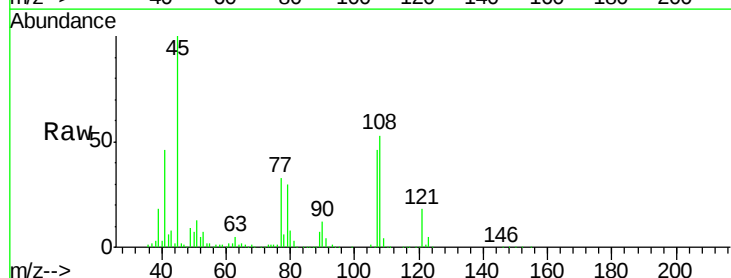
Tgt Ion: 45 Resp: 550682

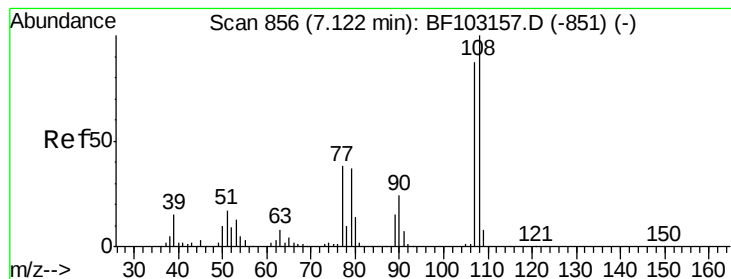
Ion Ratio Lower Upper

45 100

77 32.8 0.0 32.9

79 30.0 0.0 29.6





#17
2-Methylphenol
Concen: 32.468 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

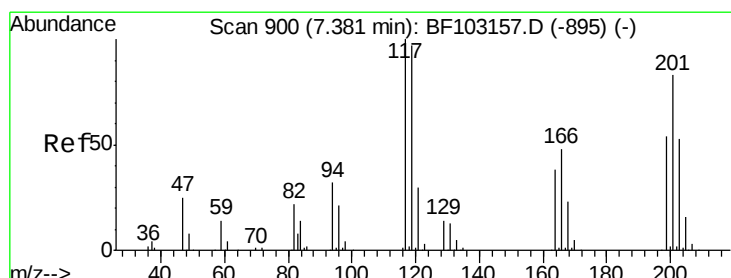
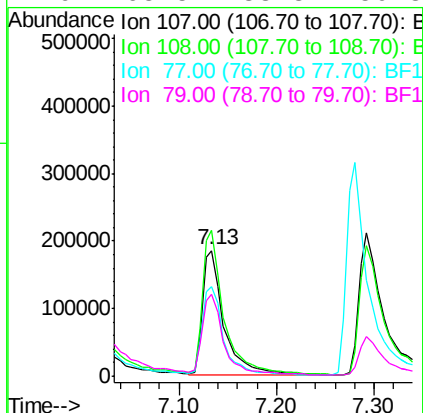
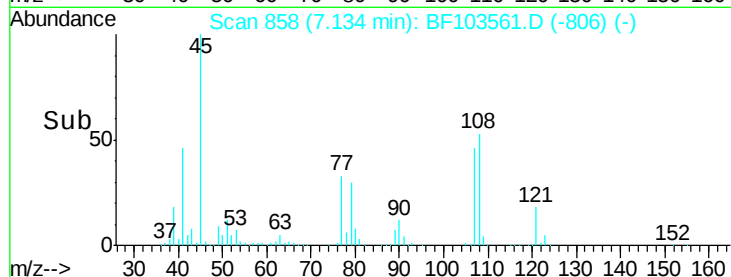
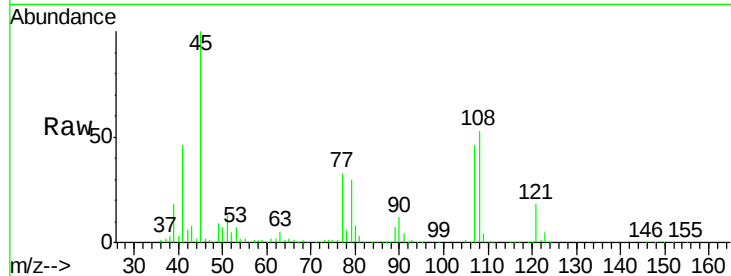
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	91.7	137.5	
77	71.7	33.8	50.8#	
79	65.5	33.8	50.8#	

Manual Integrations
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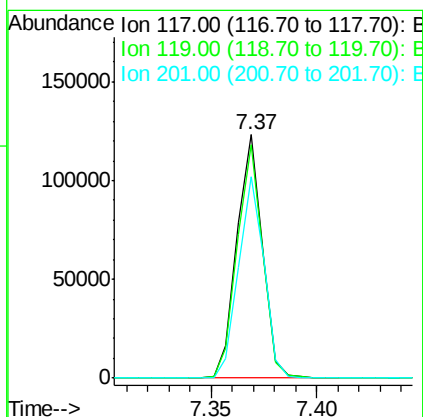
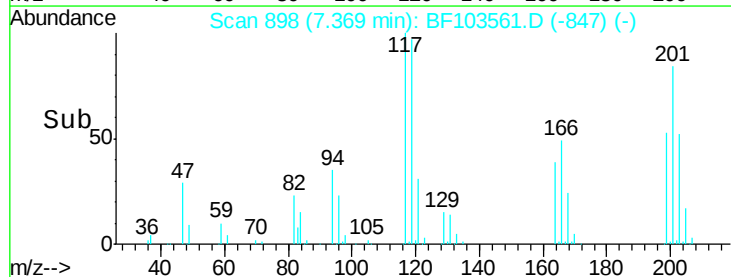
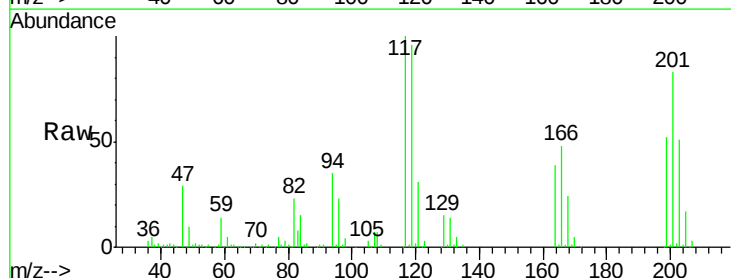
Sohil

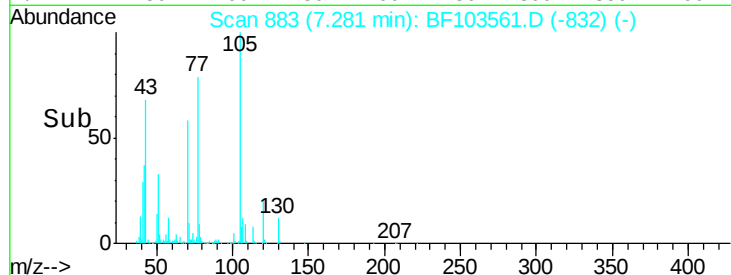
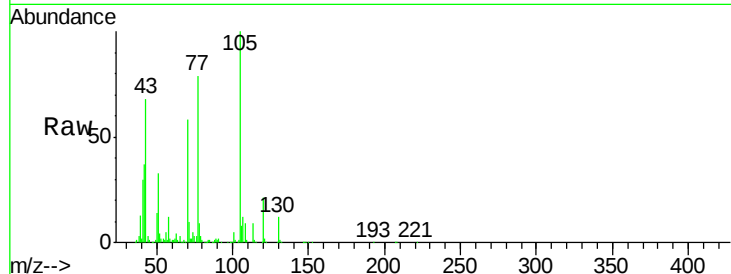
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#18
Hexachloroethane
Concen: 25.453 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	82.9	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 37.048 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

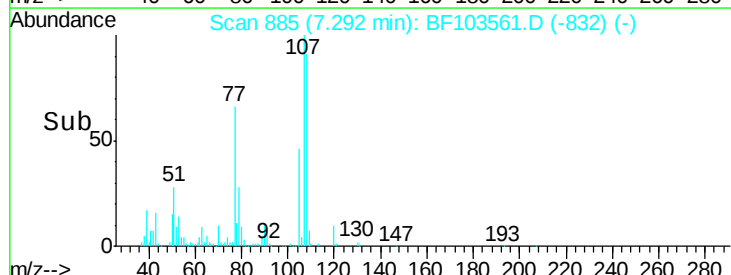
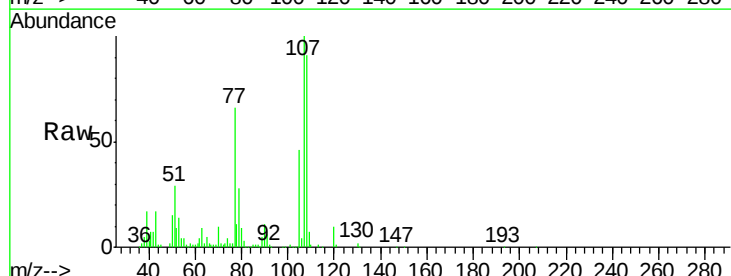
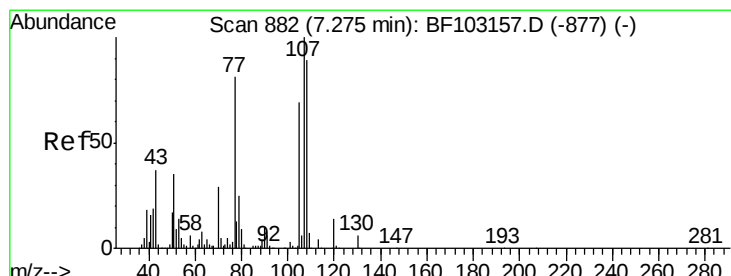
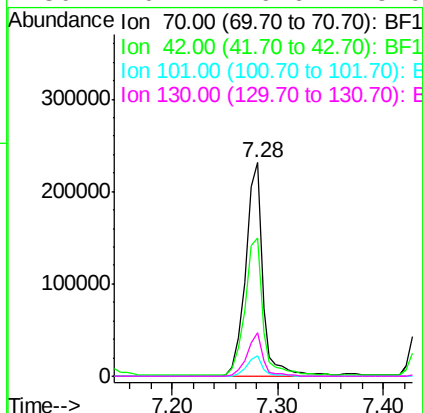
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	9.4	7.4	11.2
130	20.1	16.6	25.0

Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Manual Integrations
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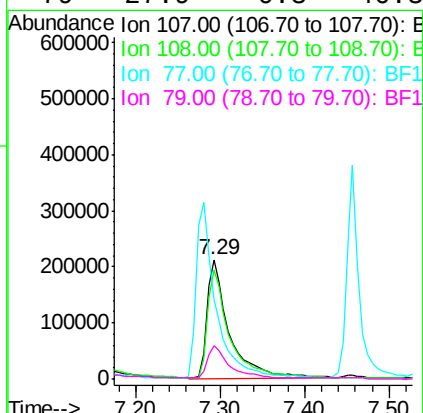
Sohil

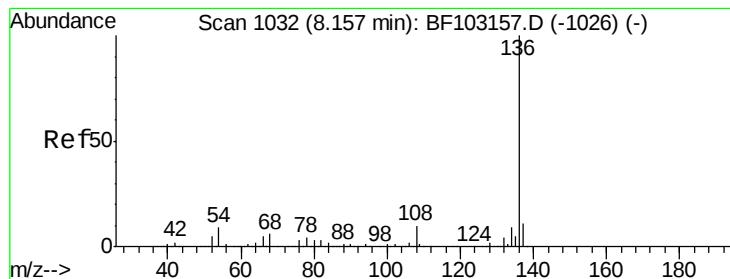
3/12/2018 3:50:21 PM



#20
3+4-Methylphenols
Concen: 36.826 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	66.4	26.7	66.7
79	27.9	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

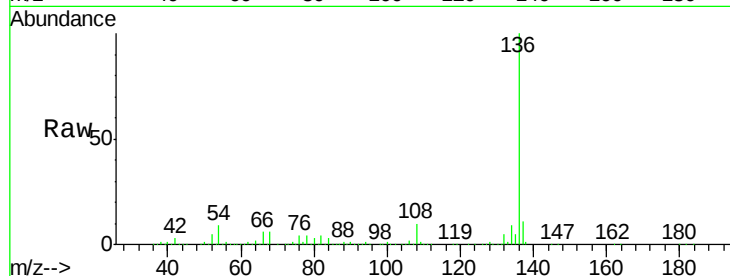
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		577224		
137	11.3		8.9	13.3	
54	9.2		6.6	9.8	
68	6.2		5.0	7.4	

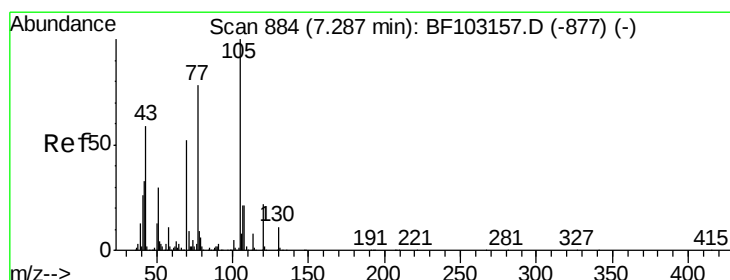
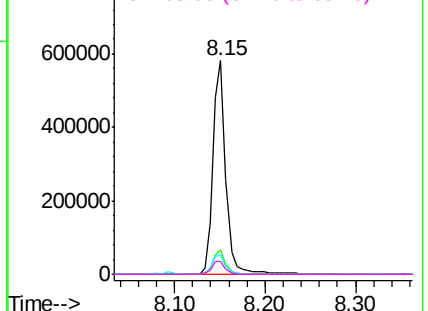
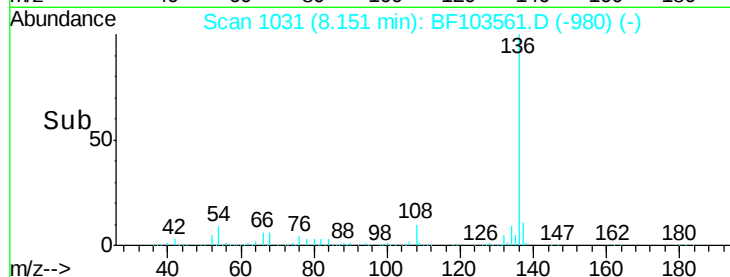
Manual Integrations
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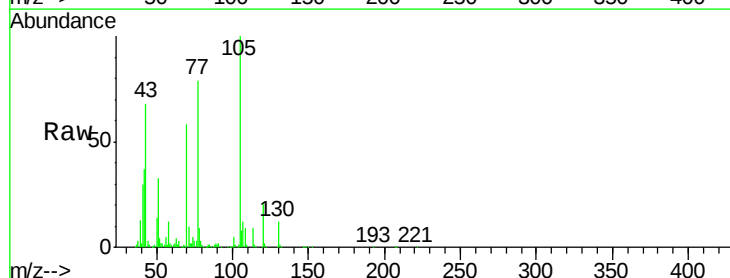


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

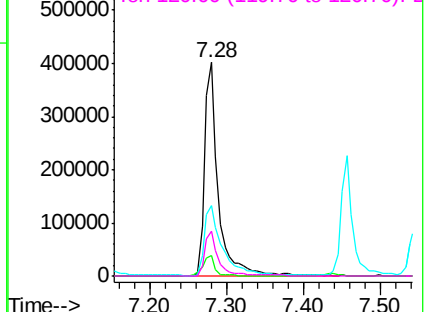
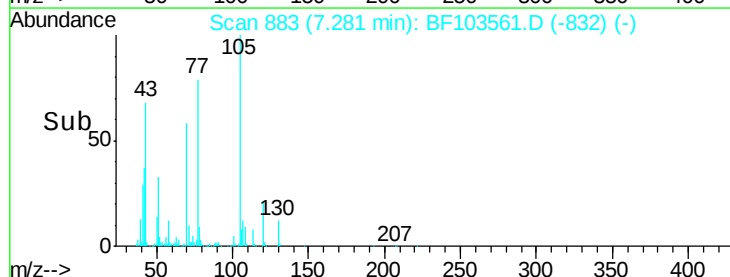


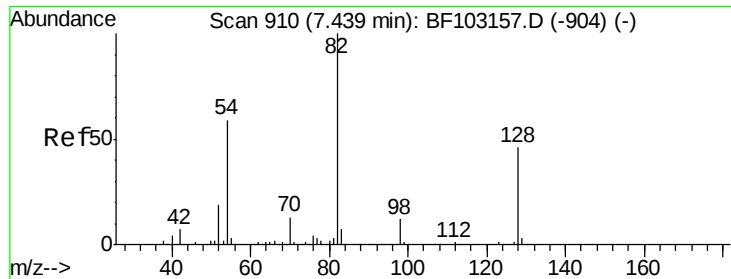
#22
Acetophenone
Concen: 36.964 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		498033		
71	9.6		4.4	6.6#	
51	33.0		22.3	33.5	
120	21.2		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: 82.514 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

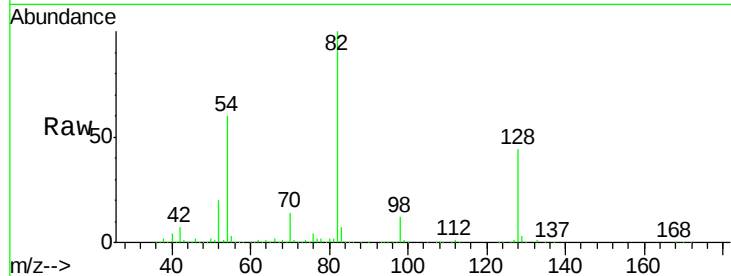
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion:	82	Resp:	834012
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.1	54.1
54	60.0	41.4	62.2

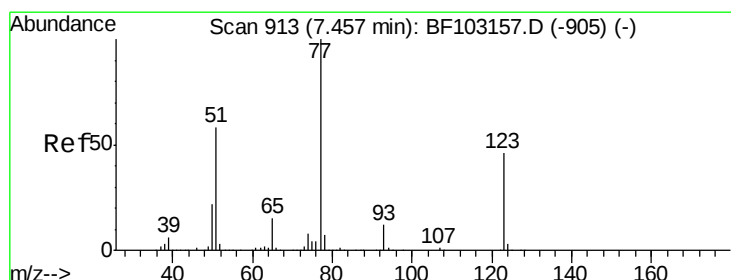
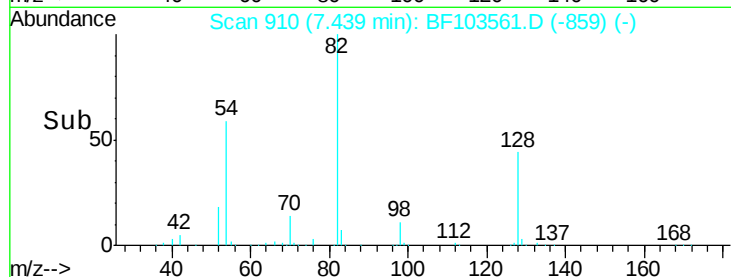
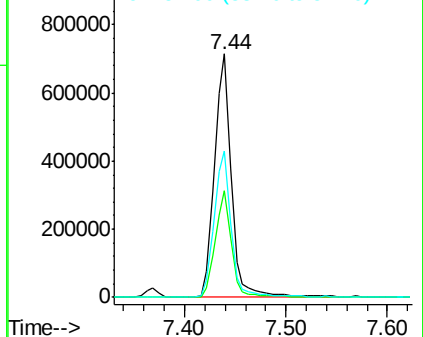
Manual Integrations
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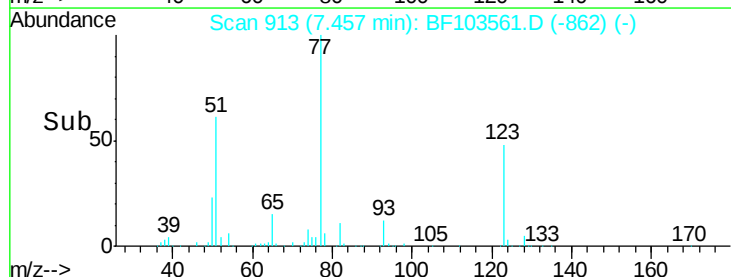
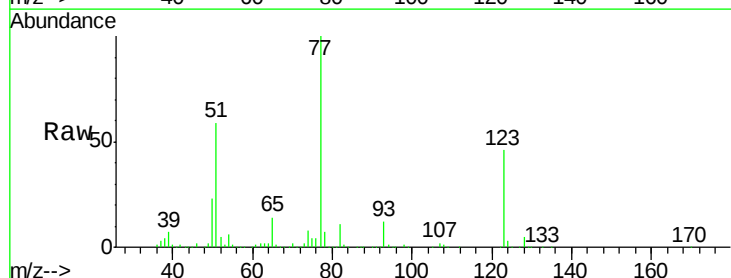
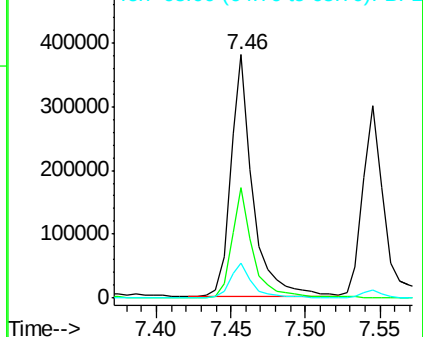
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

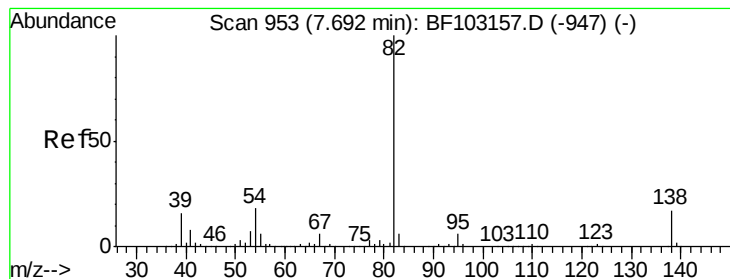


#24
Nitrobenzene
Concen: 35.582 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:	77	Resp:	395969
Ion Ratio	Lower	Upper	
77	100		
123	45.5	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: 37.038 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

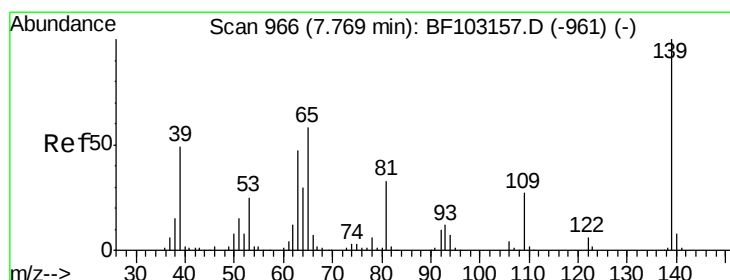
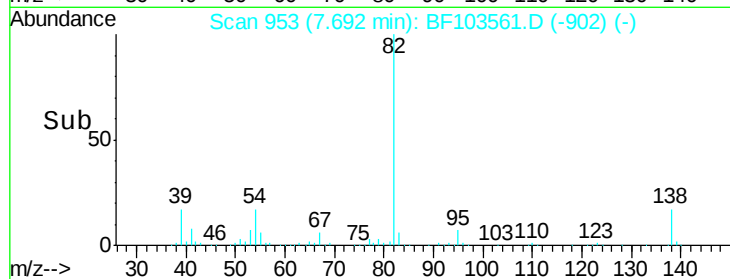
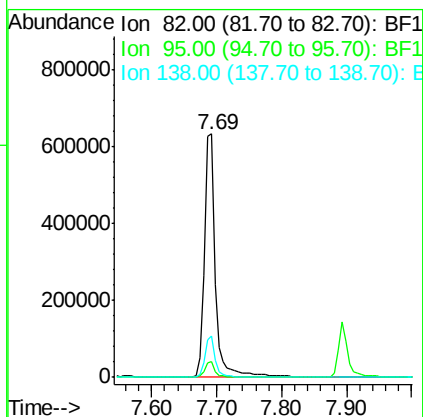
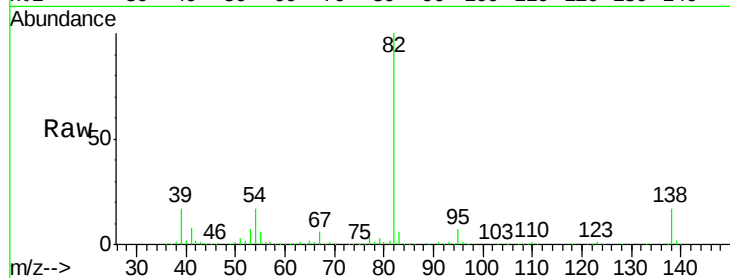
Tot Ion:	82	Resp:	737309
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	16.7	14.9	22.3

Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Manual Integrations
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Sohil

3/12/2018 3:50:21 PM



#26

2-Nitrophenol

Concen: 31.200 ng

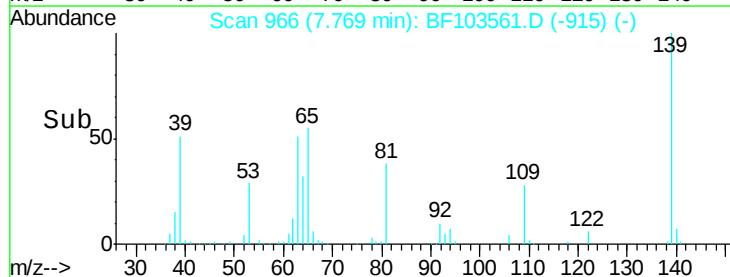
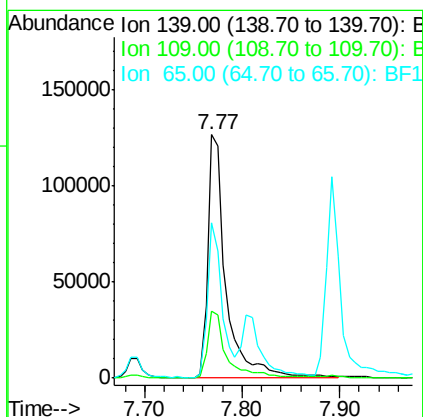
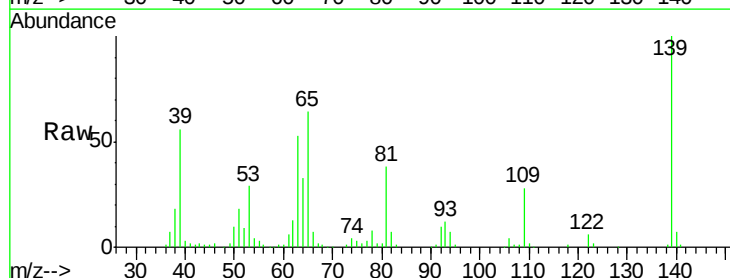
RT: 7.77 min Scan# 966

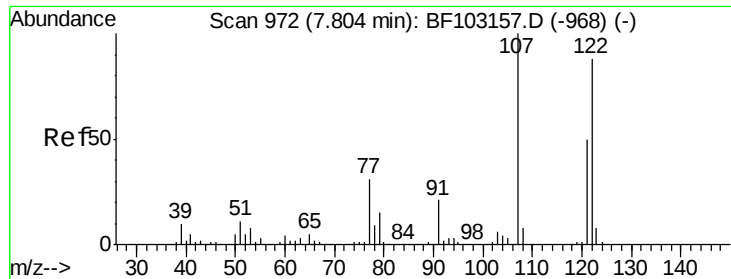
Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Tgt Ion:	139	Resp:	163451
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.7	34.1
65	63.6	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 39.538 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion:122 Resp: 316608

Ion Ratio Lower Upper

122 100

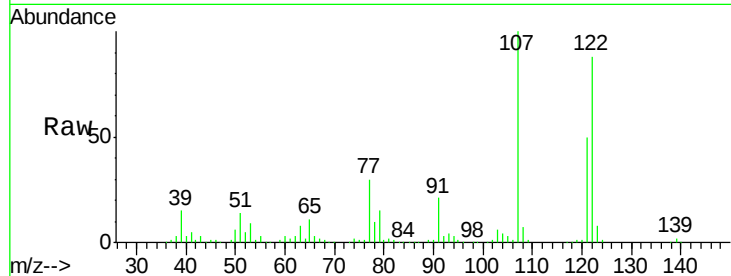
107 113.8 91.2 136.8

121 56.4 47.2 70.8

Manual Integrations
APPROVED

Sohil

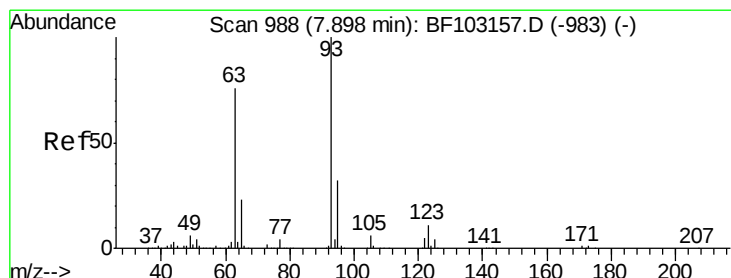
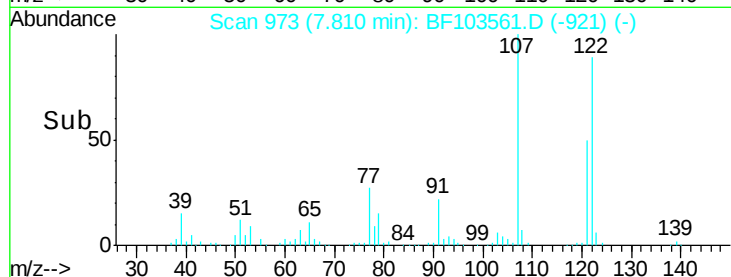
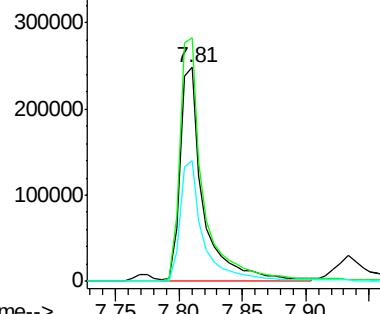
3/12/2018 3:50:21 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.540 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

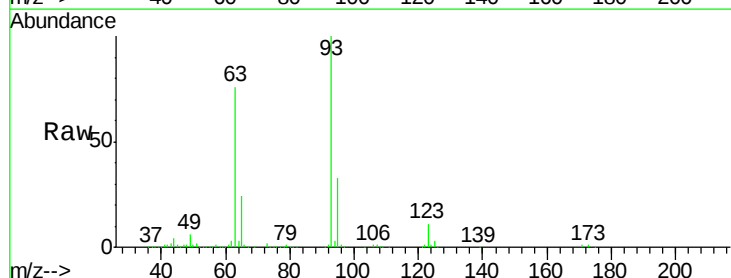
Tgt Ion: 93 Resp: 451076

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

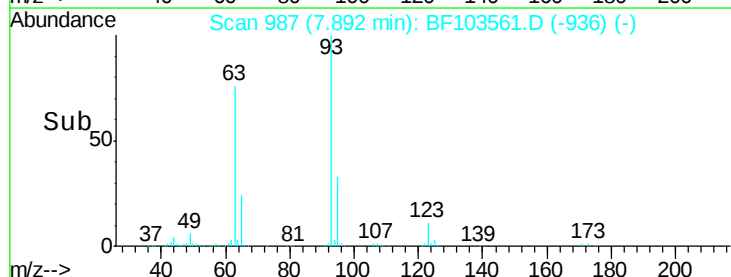
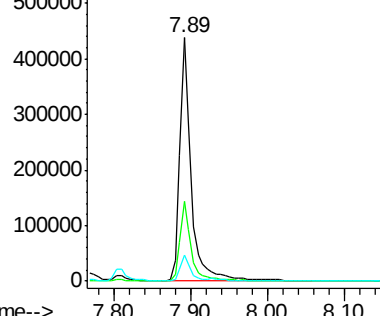
123 10.7 9.8 14.6

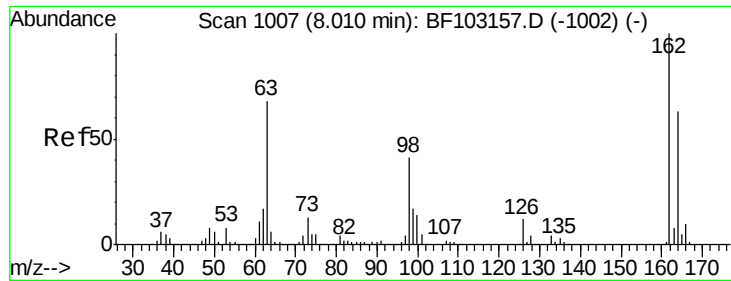


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29
 2,4-Dichlorophenol
 Concen: 37.398 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

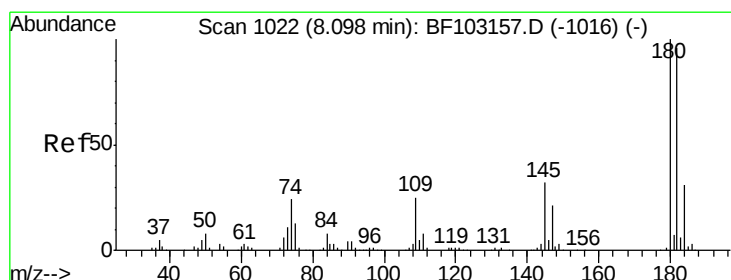
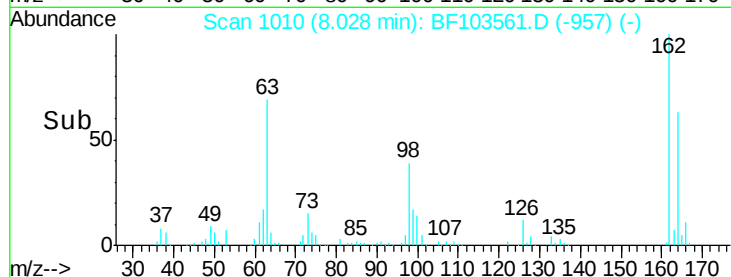
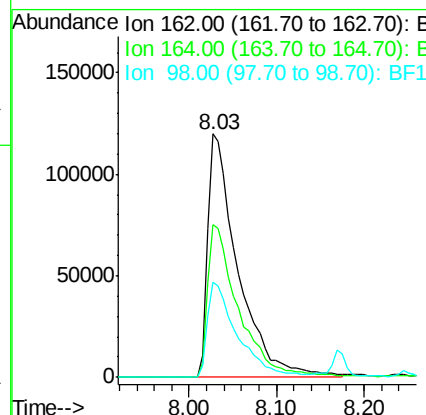
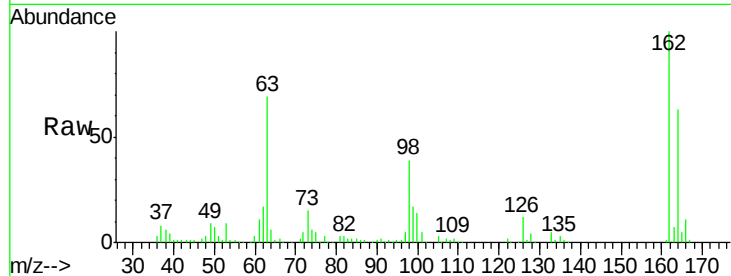
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion:	162	Resp:	286719
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.7	82.7
98	39.3	18.1	58.1

Manual Integrations
 APPROVED

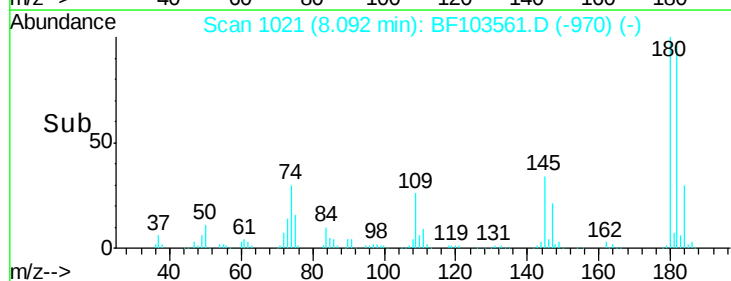
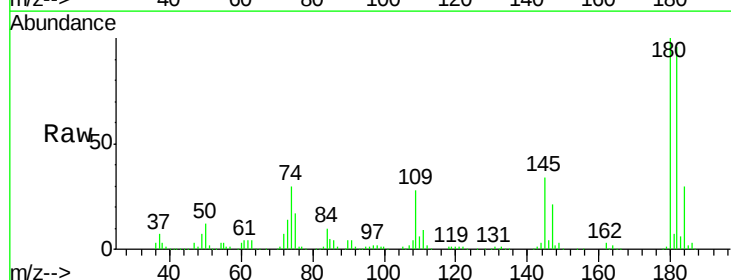
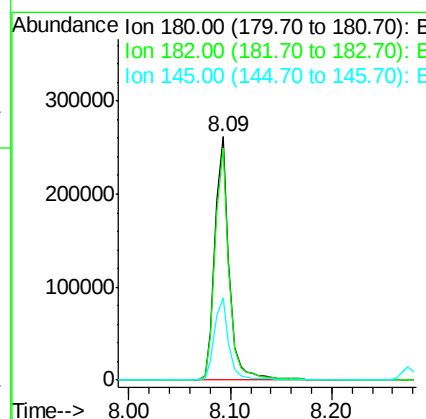
Sohil

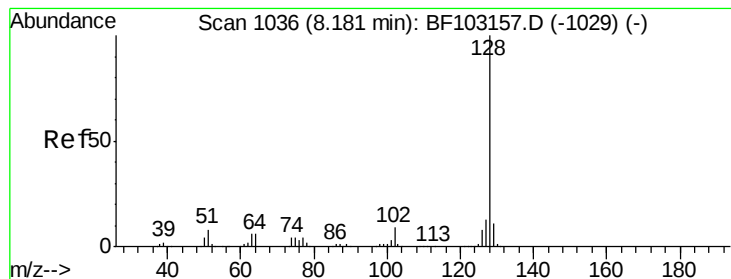
3/12/2018 3:50:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 31.572 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	180	Resp:	257756
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.8	115.2
145	34.0	26.5	39.7





#31
Naphthalene
Concen: 34.233 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

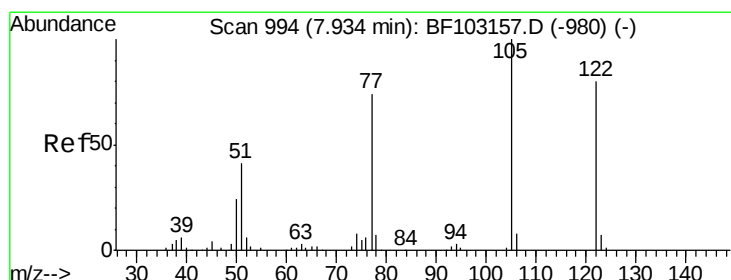
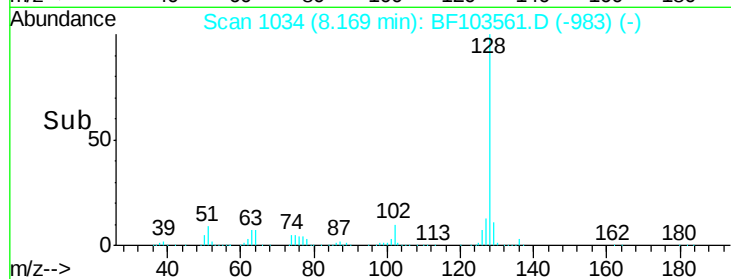
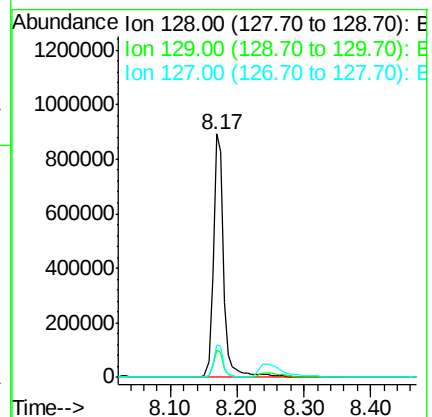
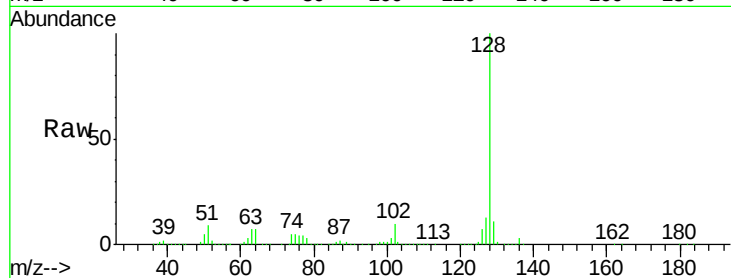
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
APPROVED

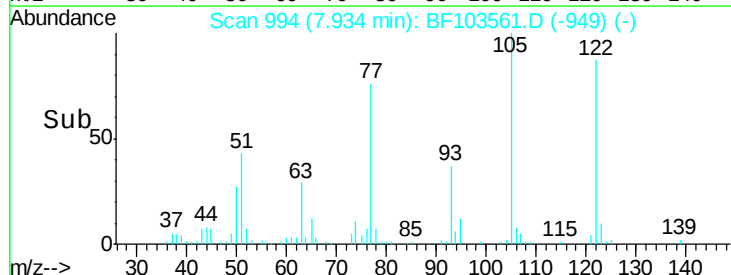
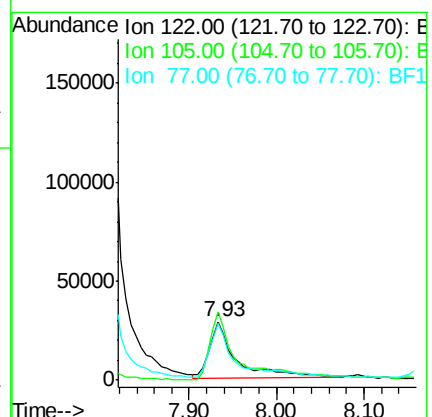
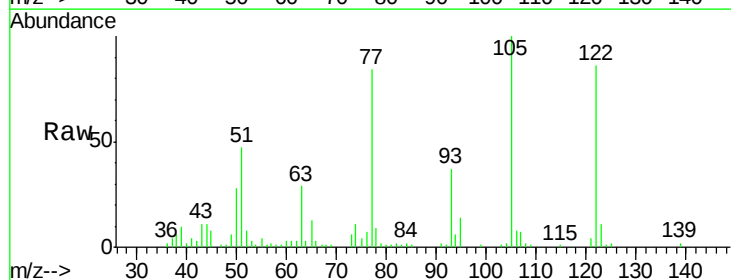
Sohil

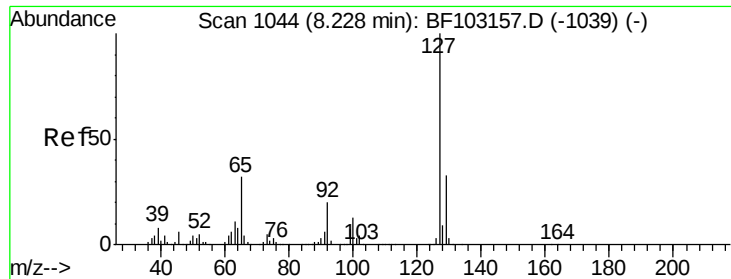
3/12/2018 3:50:21 PM



#32
Benzoic acid
Concen: 15.549 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	101.1	141.1
77	97.4	70.7	110.7





#33
 4-Chloroaniline
 Concen: 10.204 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

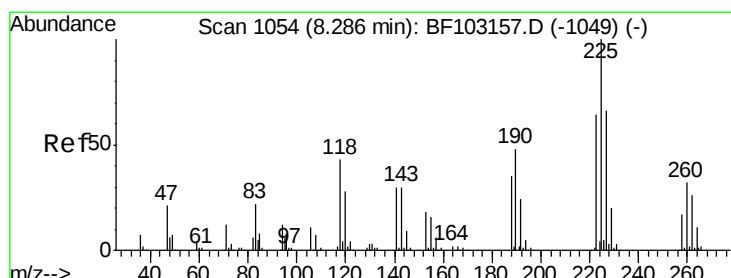
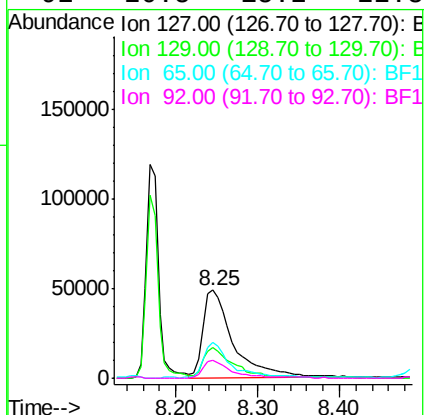
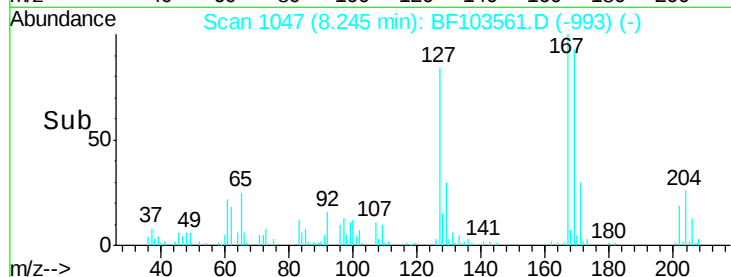
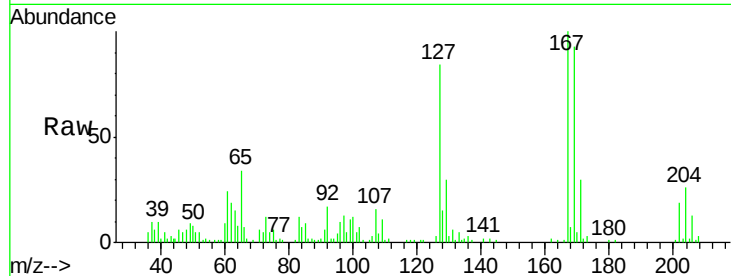
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.2	25.9	38.9		
65	40.4	25.0	37.4		
92	20.5	15.2	22.8		

Manual Integrations
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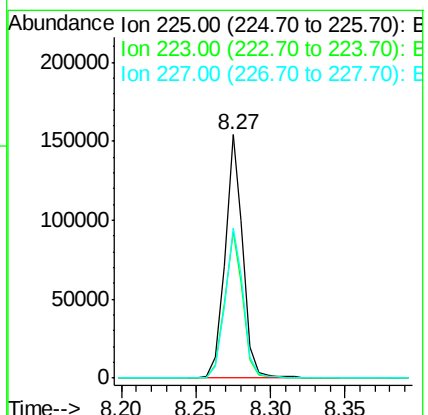
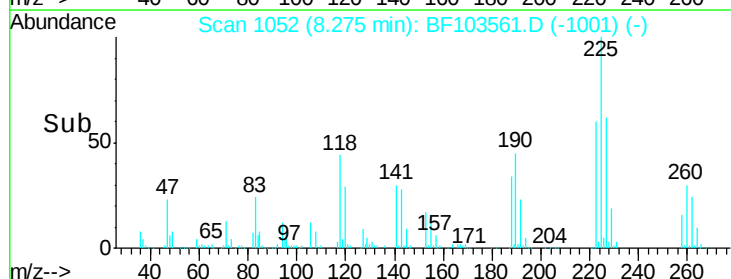
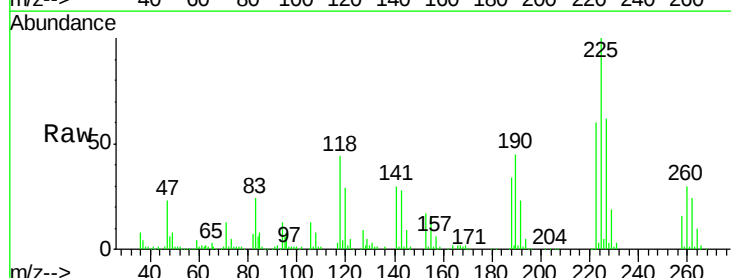
Sohil

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#34
 Hexachlorobutadiene
 Concen: 30.592 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.4	50.6	76.0		
227	61.6	51.9	77.9		





#35

Caprolactam

Concen: 34.634 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion:113 Resp: 93322

Ion Ratio Lower Upper

113 100

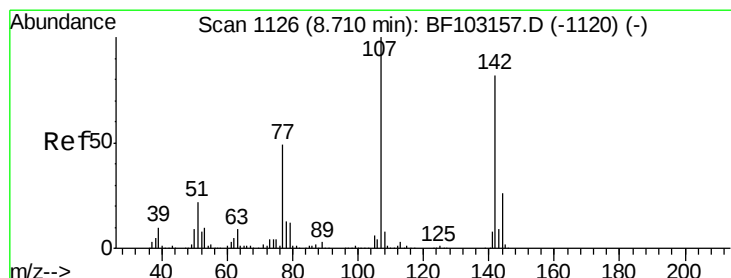
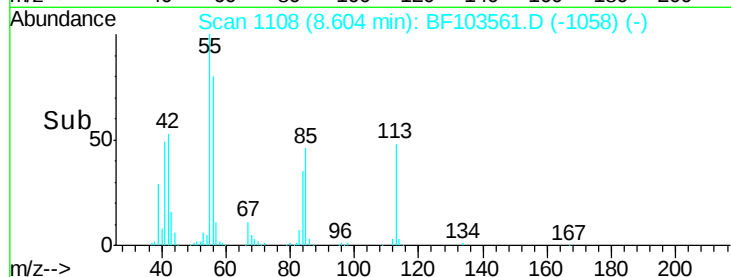
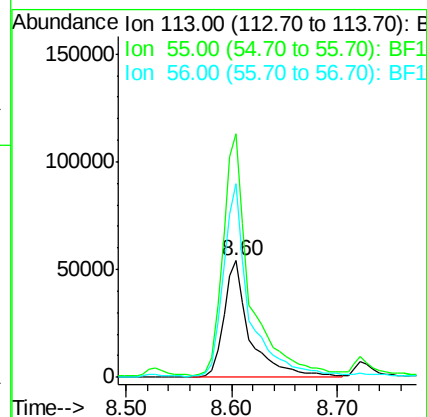
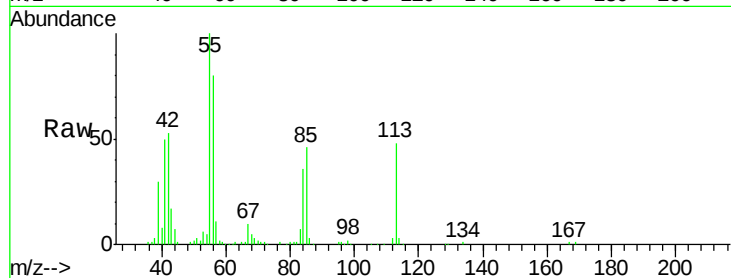
55 209.1 163.3 203.3#

56 166.6 115.7 155.7#

Manual Integrations
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Sohil

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#36

4-Chloro-3-methylphenol

Concen: 36.452 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

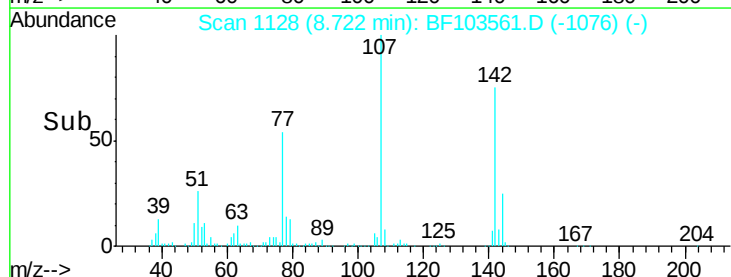
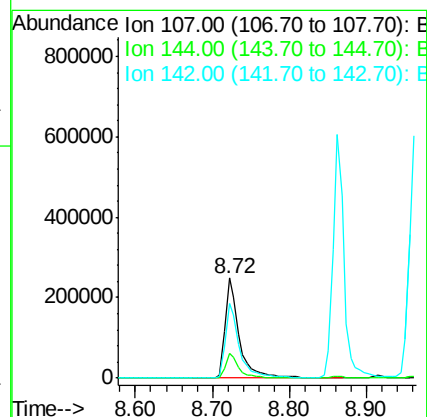
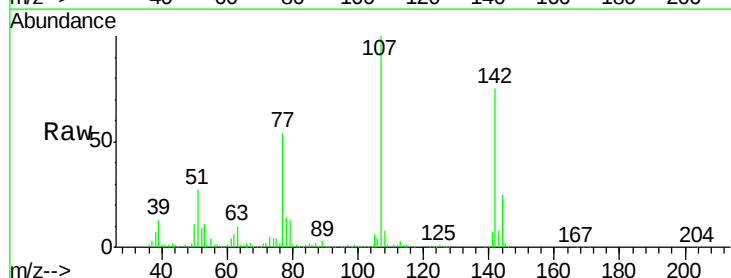
Tgt Ion:107 Resp: 315214

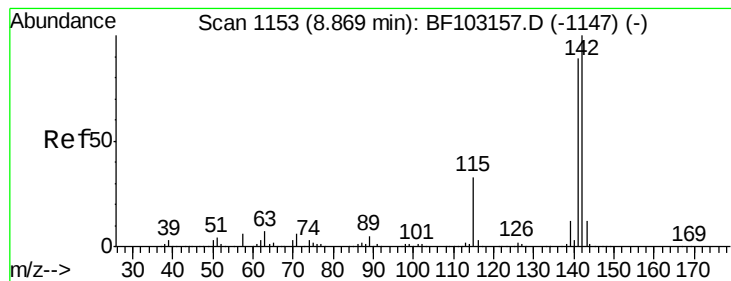
Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

142 74.8 62.0 93.0





#37
2-Methylnaphthalene
Concen: 33.317 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

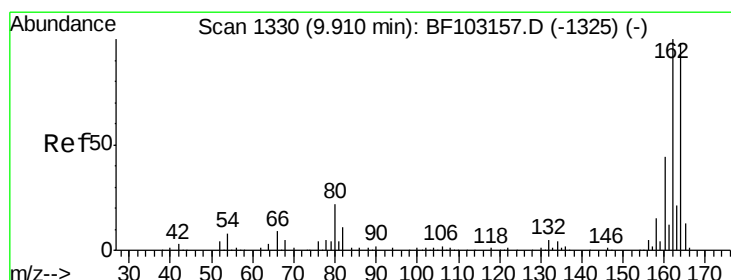
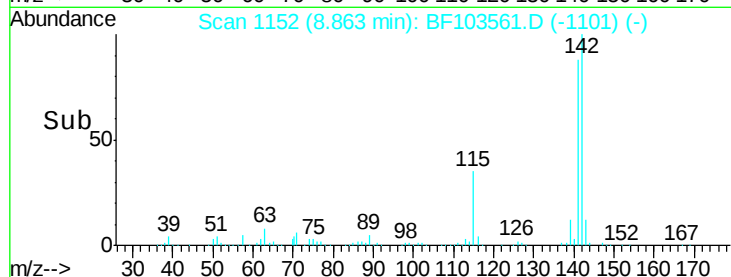
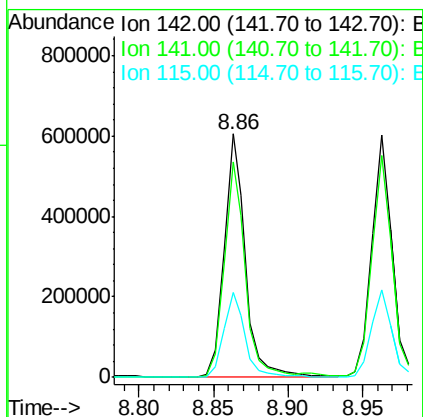
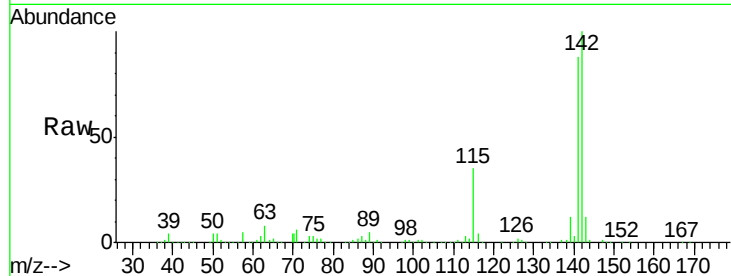
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	35.1	26.1	39.1

Manual Integrations
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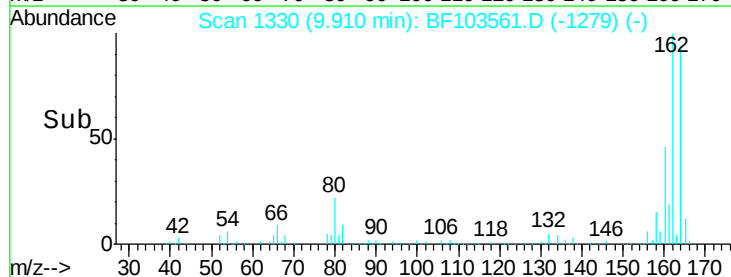
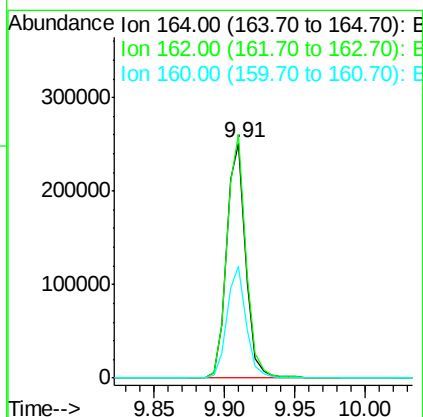
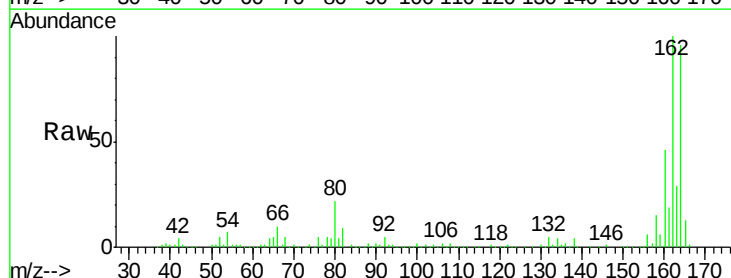
Sohil

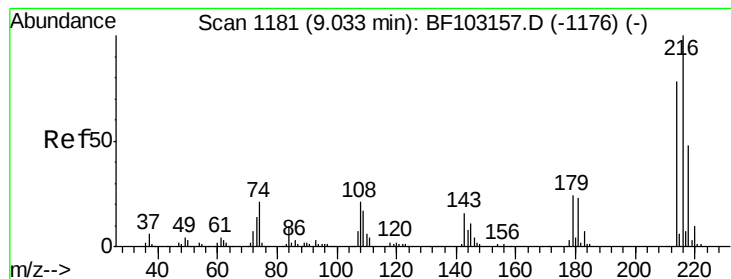
3/12/2018 3:50:21 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.090 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

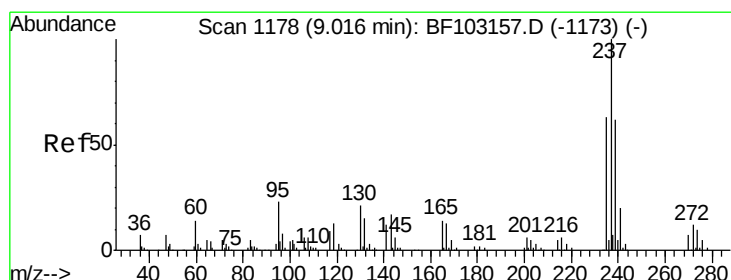
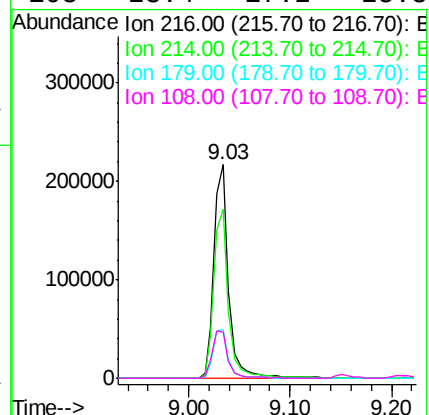
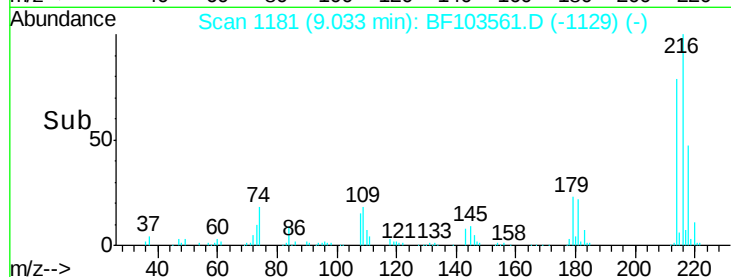
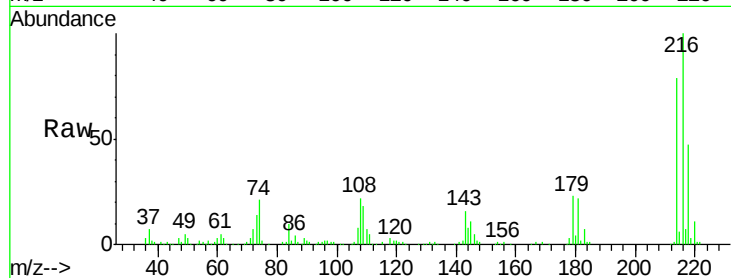
TP-6-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	219689		
214	214	79.0	63.0	94.4	
179	179	23.7	18.1	27.1	
108	108	23.4	17.2	25.8	

Manual Integrations
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Sohil

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#40

Hexachlorocyclopentadiene

Concen: 9.285 ng

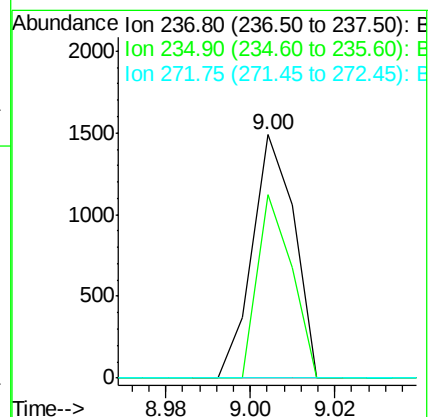
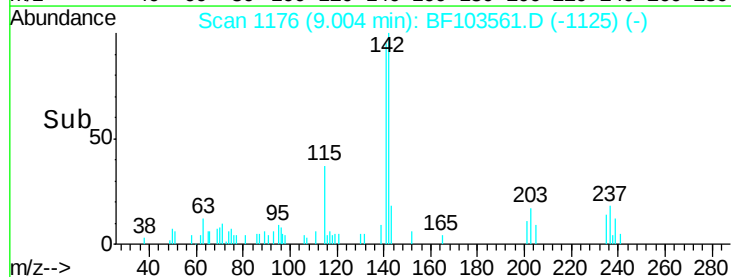
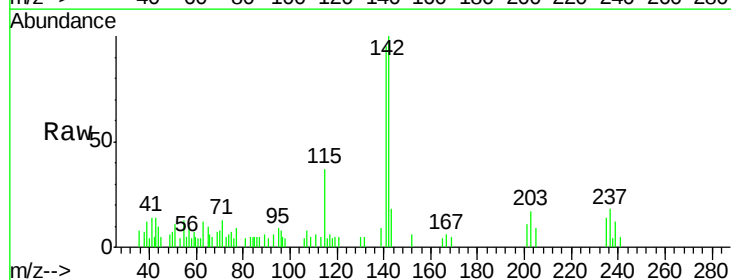
RT: 9.00 min Scan# 1176

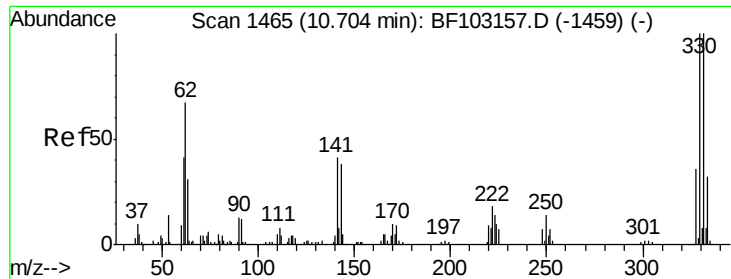
Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	1030		
235	235	75.2	44.8	84.8	
272	272	0.0	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 87.113 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

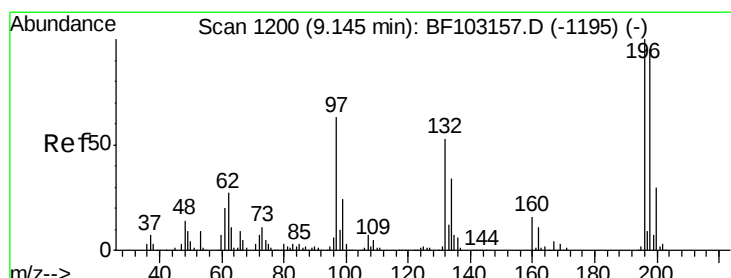
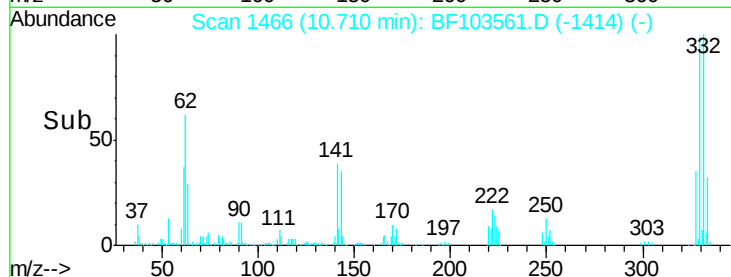
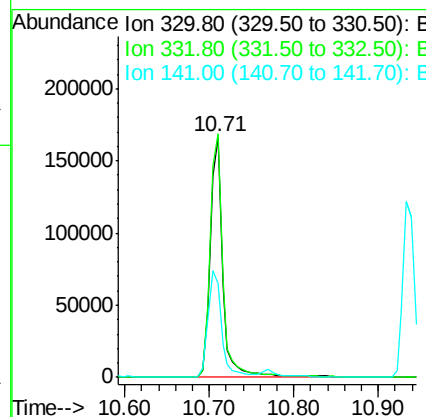
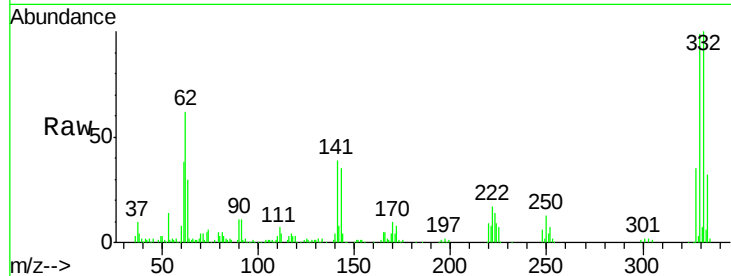
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	47.8	29.9	44.9

Manual Integrations
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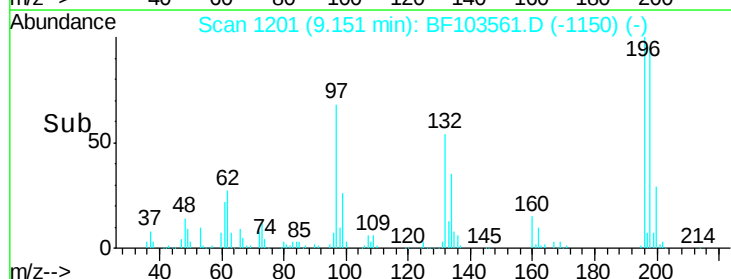
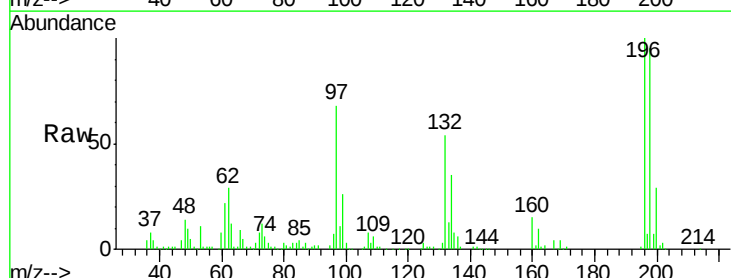
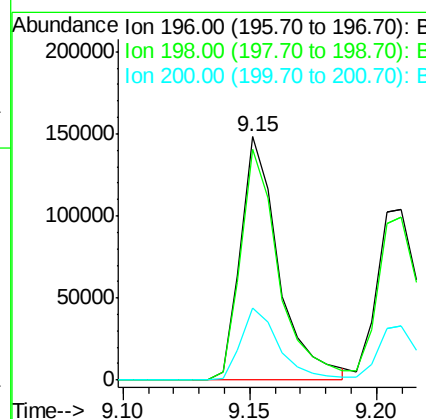
Sohil

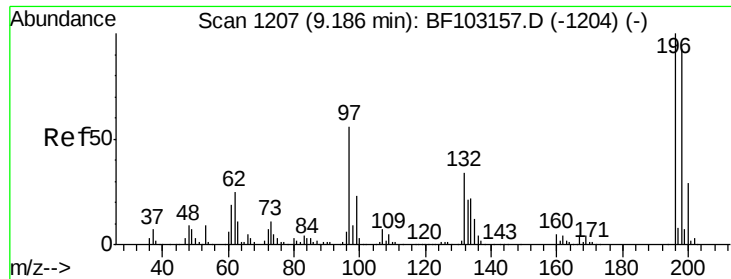
3/12/2018 3:50:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.920 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	29.4	24.5	36.7





#43
 2,4,5-Trichlorophenol
 Concen: 30.516 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

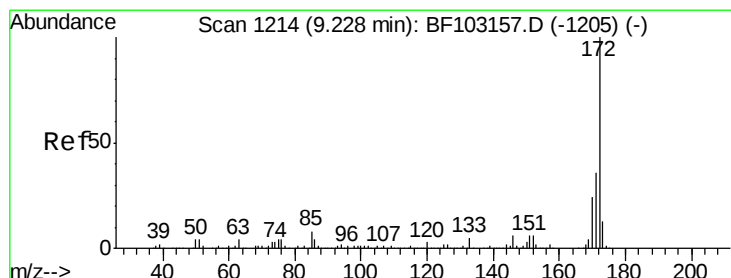
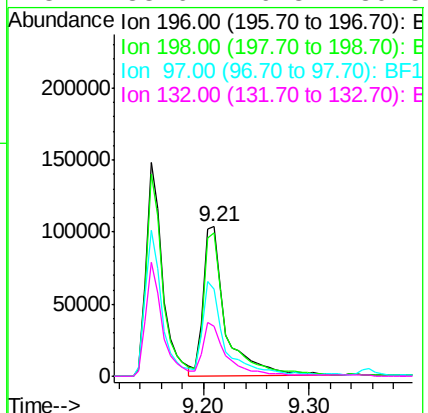
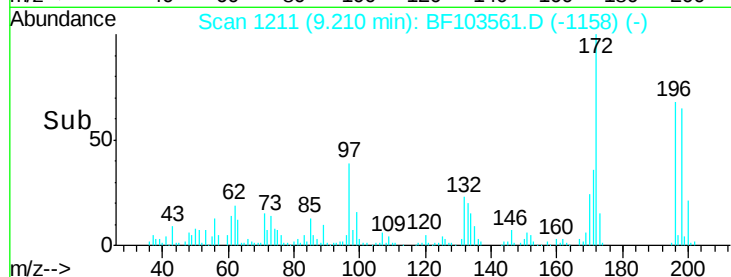
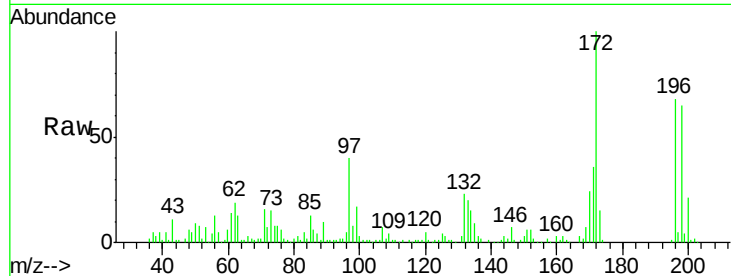
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion:	196	Resp:	152193
Ion Ratio	Lower	Upper	
196	100		
198	96.0	74.6	112.0
97	58.3	42.9	64.3
132	33.6	26.3	39.5

Manual Integrations
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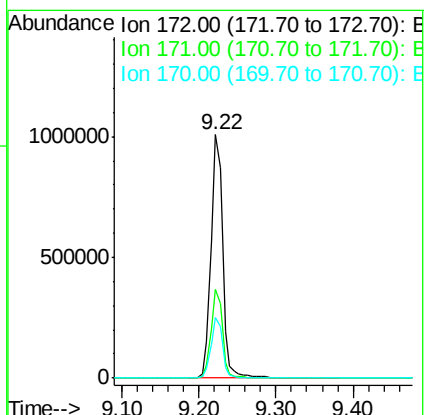
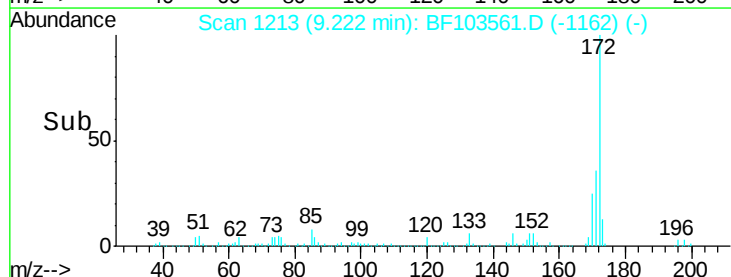
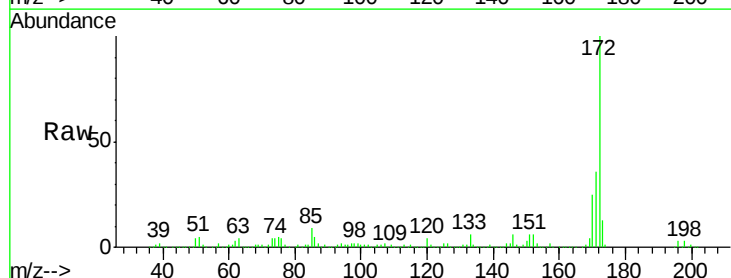
Sohil

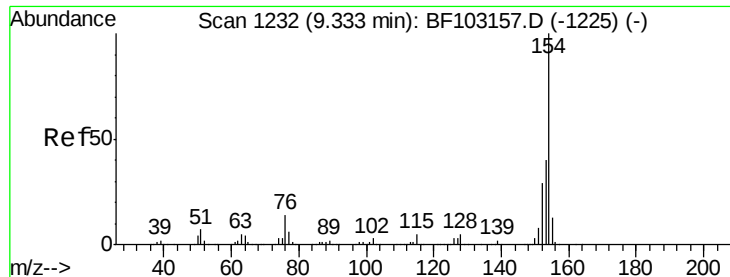
3/12/2018 3:50:21 PM



#44
 2-Fluorobiphenyl
 Concen: 74.711 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	172	Resp:	1052493
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4





#45
 1,1'-Biphenyl
 Concen: 34.160 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

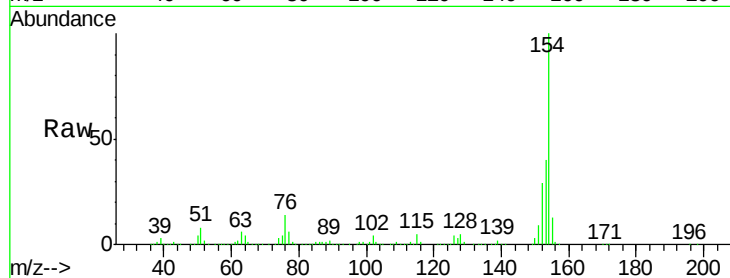
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion:	154	Resp:	674766
Ion Ratio	Lower	Upper	
154	100		
153	39.8	21.3	61.3
76	14.4	0.0	34.0

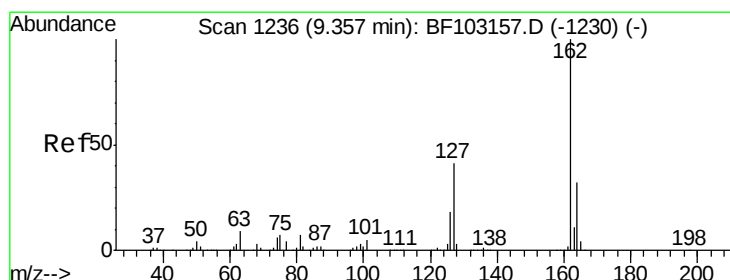
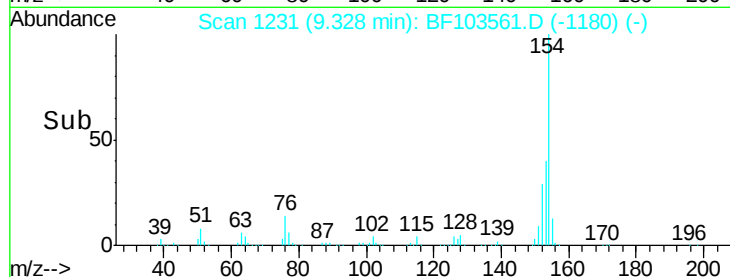
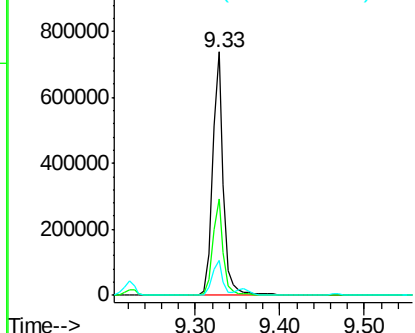
Manual Integrations
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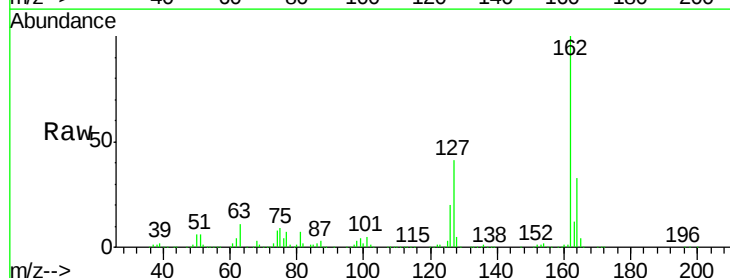


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

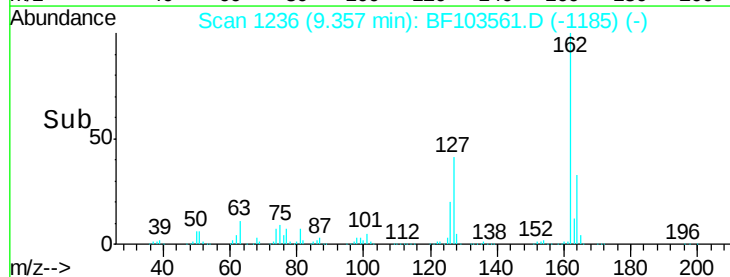
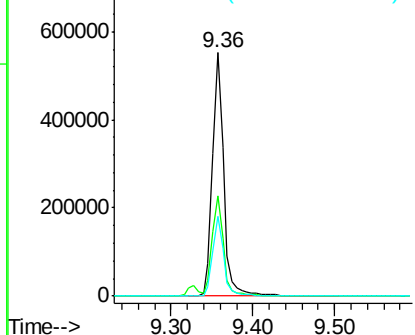


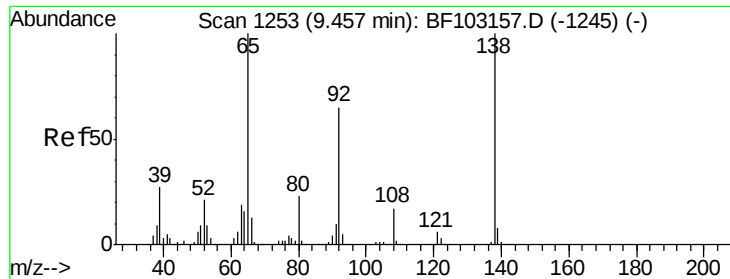
#46
 2-Chloronaphthalene
 Concen: 33.890 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	162	Resp:	529602
Ion Ratio	Lower	Upper	
162	100		
127	41.2	33.9	50.9
164	32.8	26.5	39.7



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





#47
2-Nitroaniline
Concen: 39.473 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

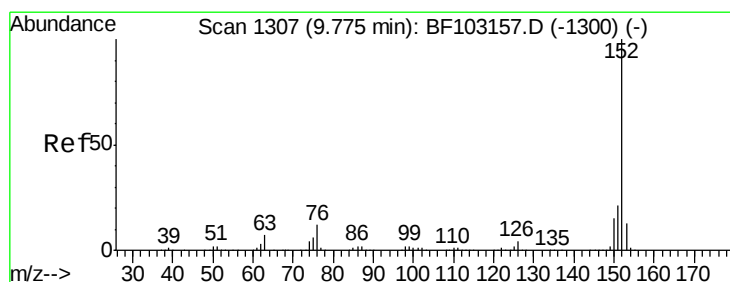
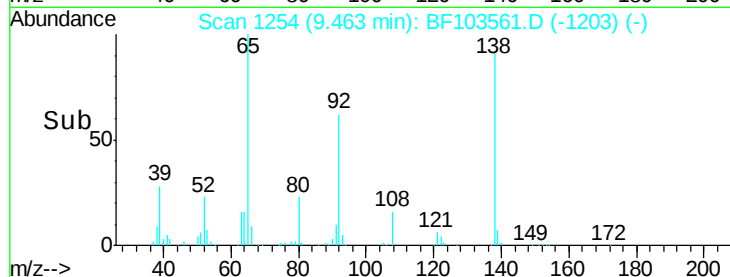
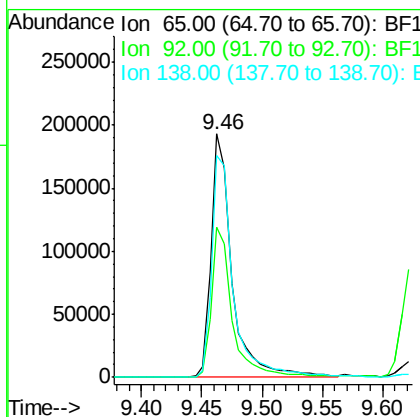
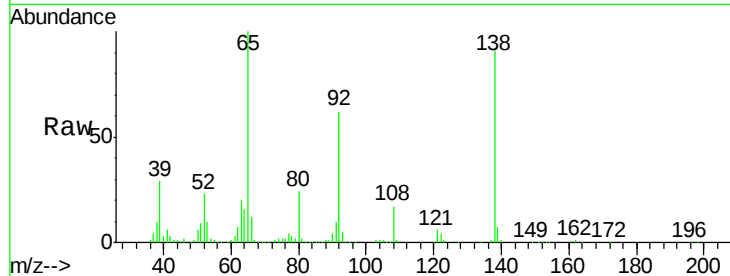
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.7	55.8	83.6
138	90.9	91.2	136.8

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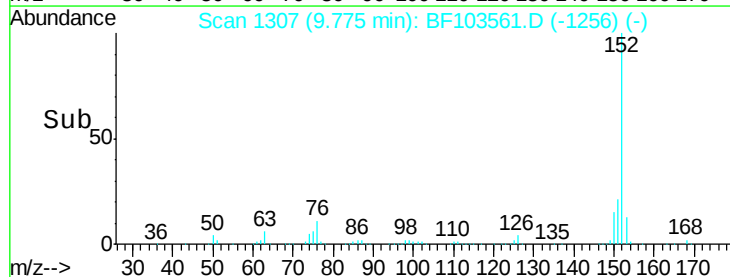
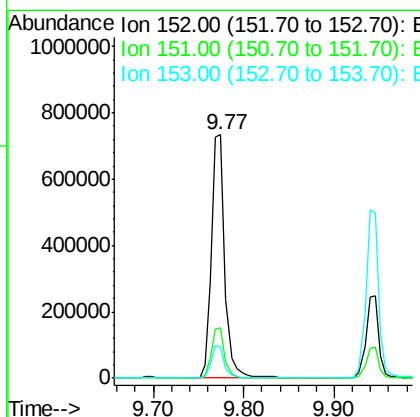
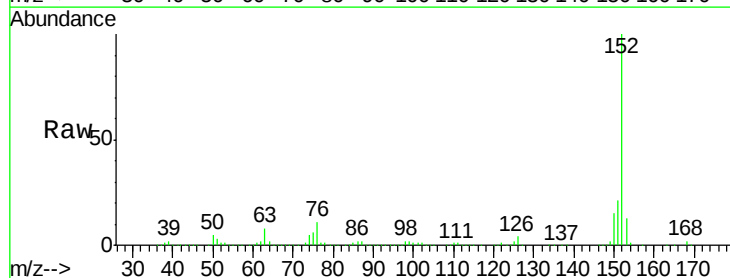
Sohil

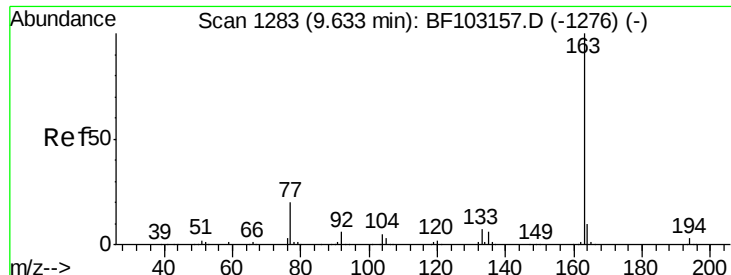
3/12/2018 3:50:21 PM



#48
Acenaphthylene
Concen: 32.110 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	12.9	10.7	16.1





#49
Dimethylphthalate
Concen: 33.679 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

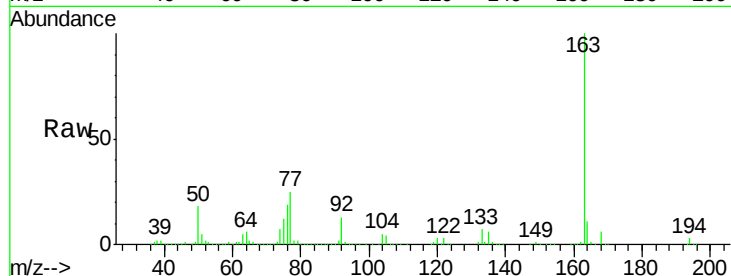
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion:	163	Resp:	636894
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.6	8.2	12.2

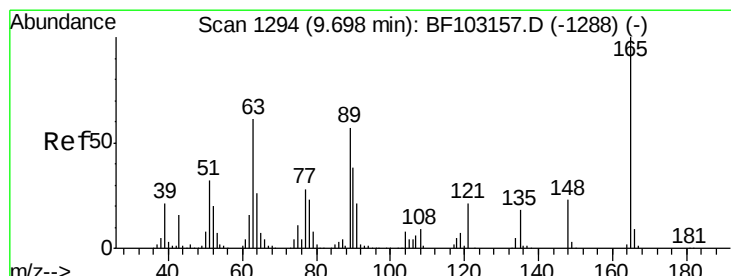
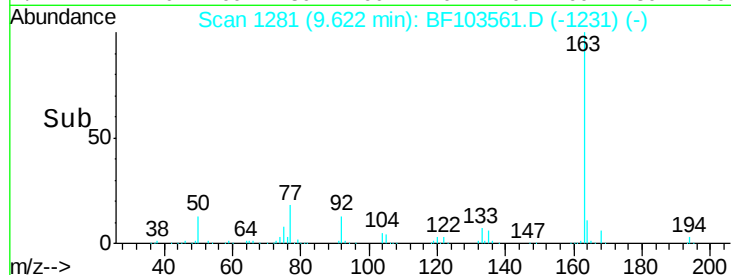
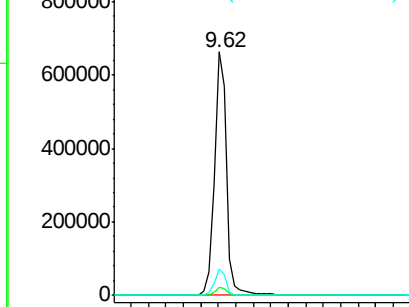
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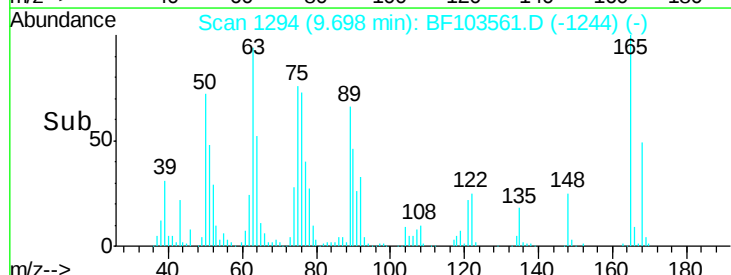
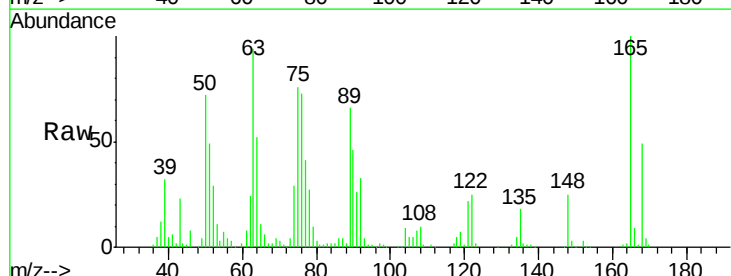
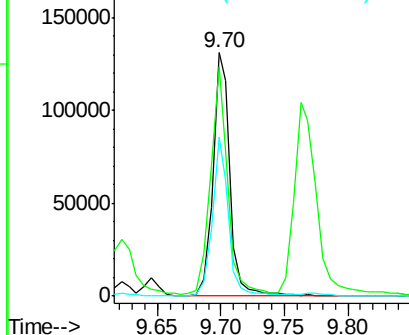
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

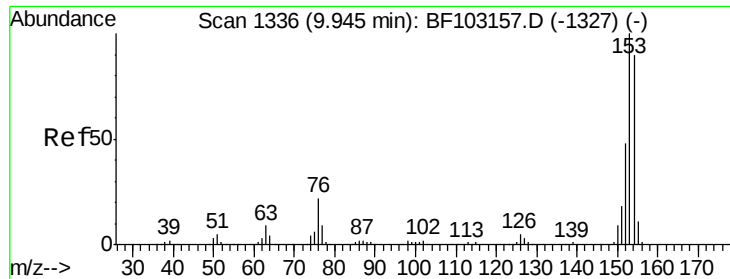


#50
2,6-Dinitrotoluene
Concen: 31.459 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:	165	Resp:	124842
Ion Ratio	Lower	Upper	
165	100		
63	94.1	44.7	67.1#
89	65.5	44.0	66.0

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





#51

Acenaphthene

Concen: 31.890 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion:154 Resp: 447106

Ion Ratio Lower Upper

154 100

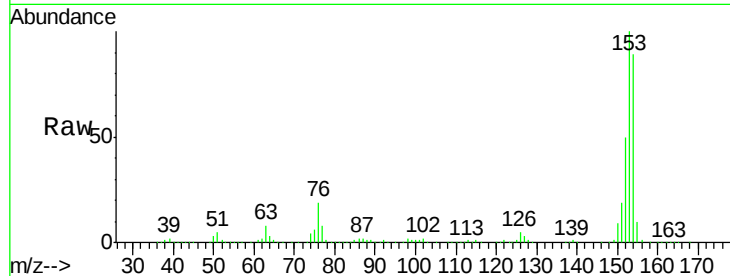
153 112.4 91.2 136.8

152 56.3 43.8 65.8

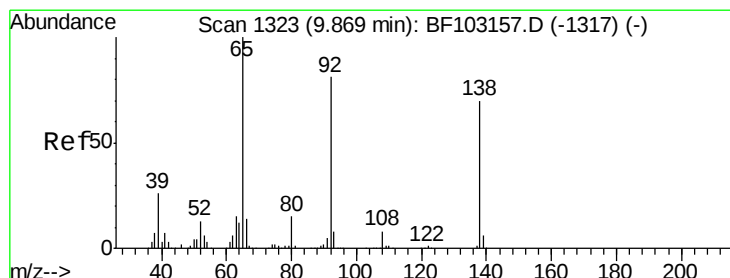
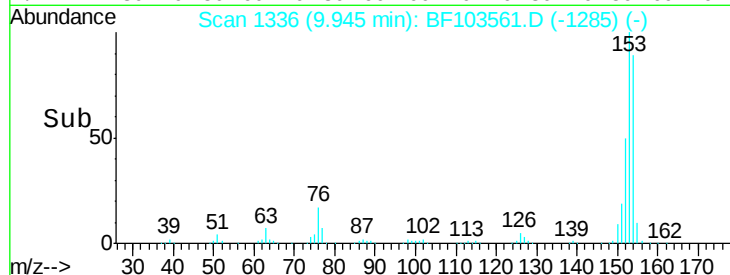
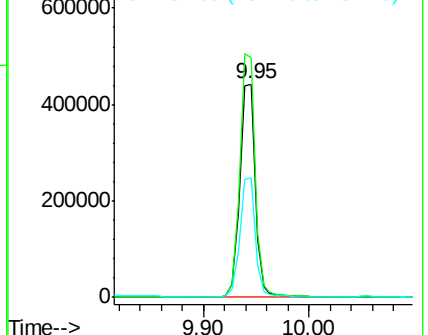
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.108 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

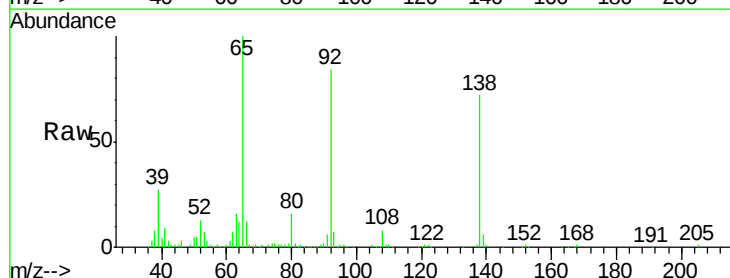
Tgt Ion:138 Resp: 131448

Ion Ratio Lower Upper

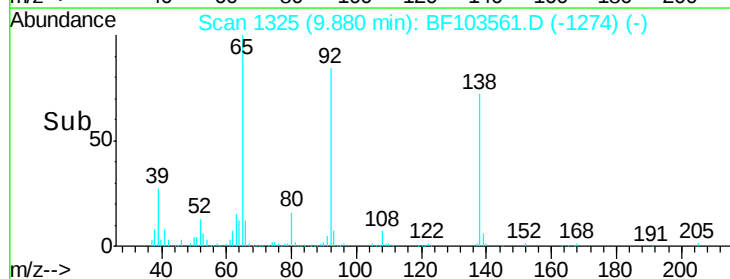
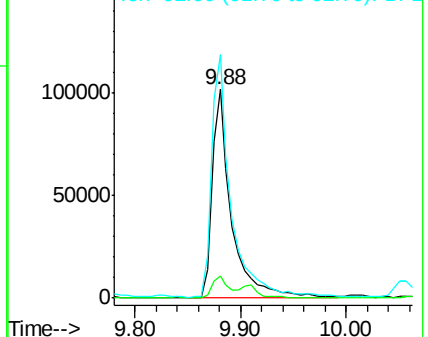
138 100

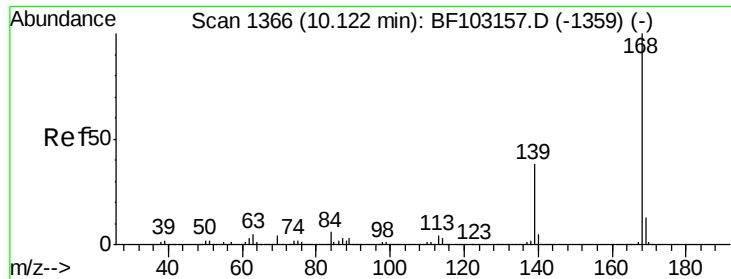
108 10.5 9.4 14.0

92 116.8 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





#54
Dibenzenofuran
Concen: 33.739 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

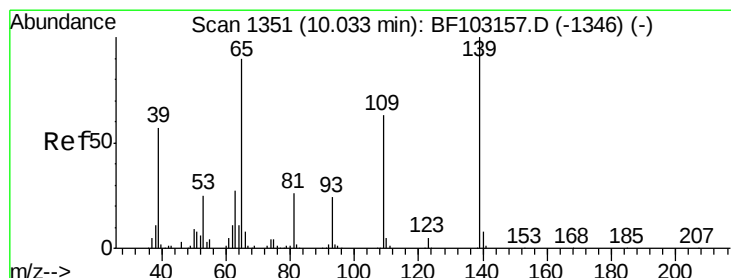
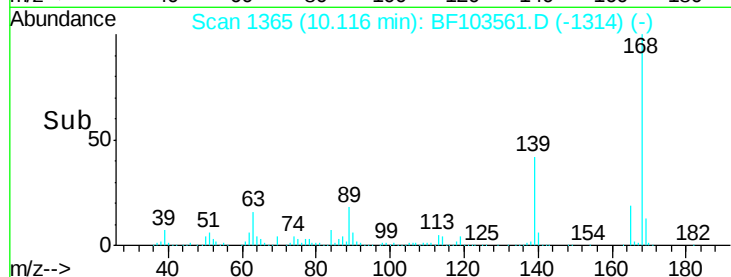
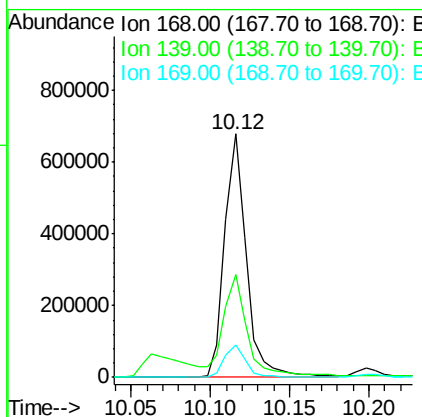
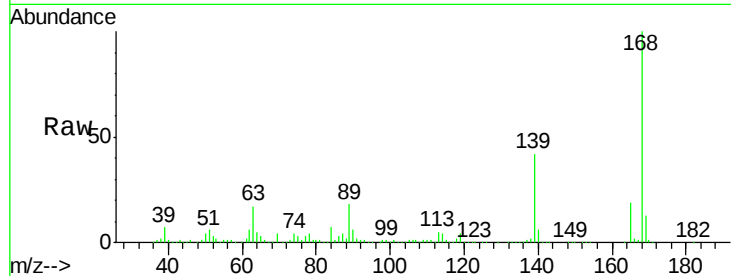
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	30.1	45.1
169	13.4	10.9	16.3

Manual Integrations
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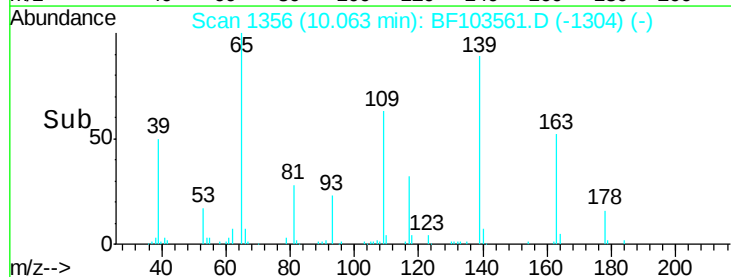
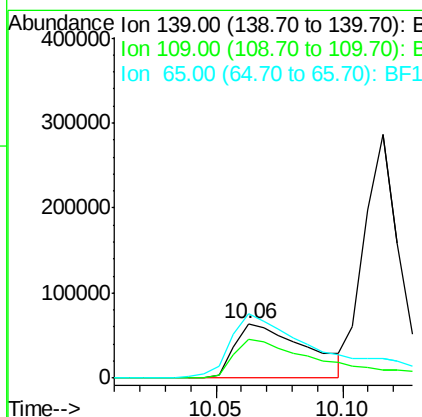
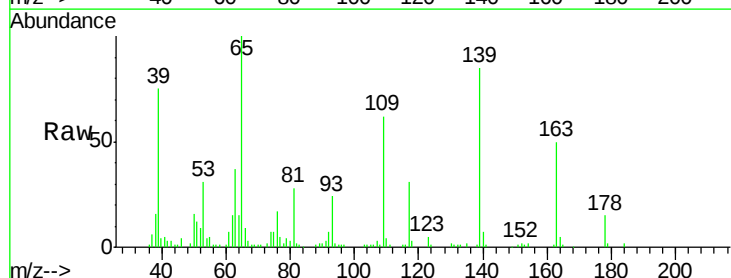
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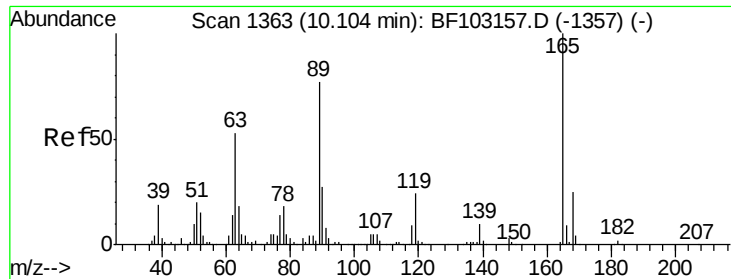
3/12/2018 3:50:21 PM



#55
4-Nitrophenol
Concen: 39.416 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	48.4	88.4
65	117.1	72.6	112.6





#56
 2,4-Dinitrotoluene
 Concen: 29.039 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

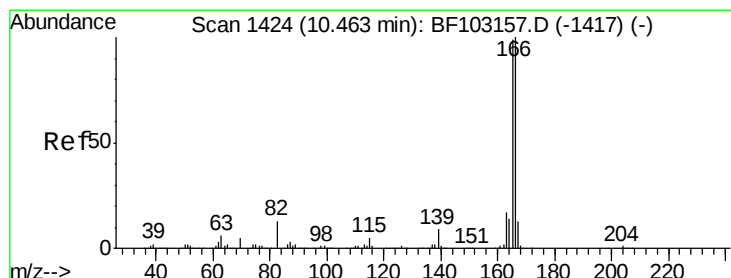
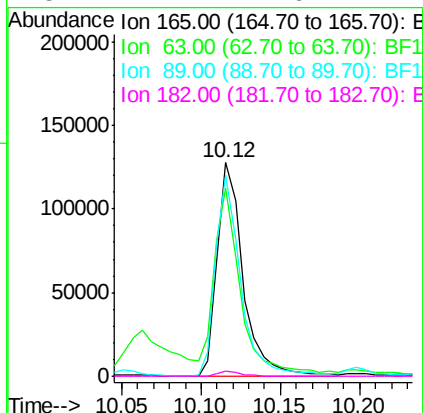
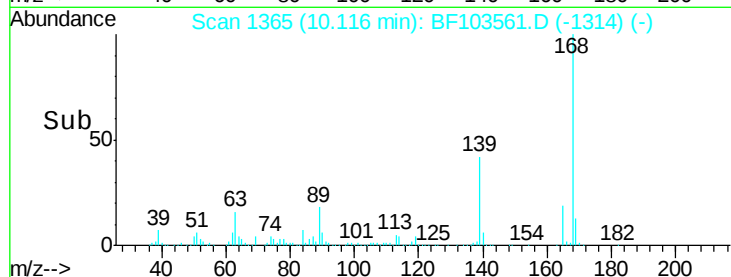
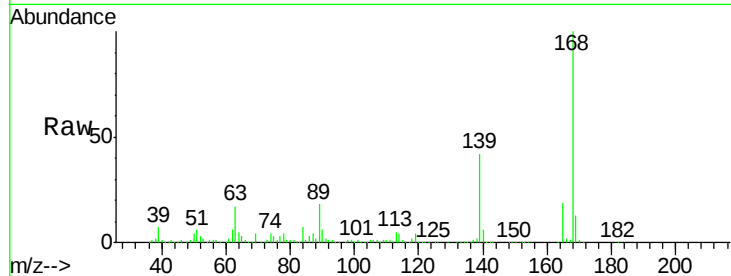
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	87.9	36.4	54.6#
89	94.0	57.8	86.6#
182	2.2	1.6	2.4

Manual Integrations
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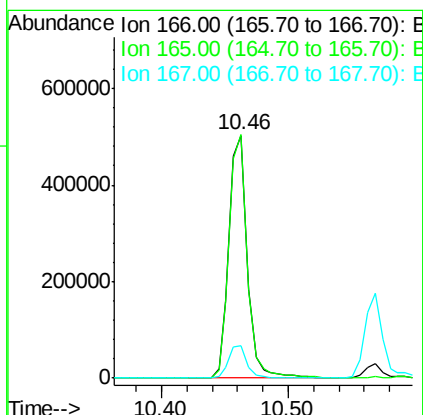
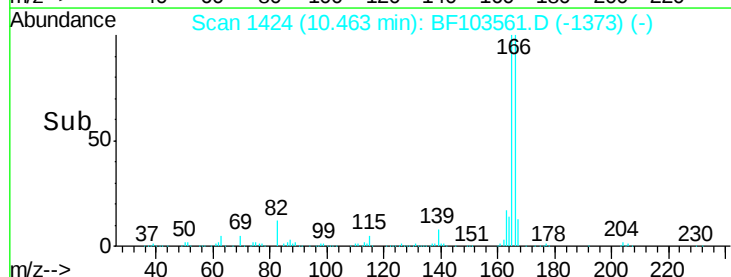
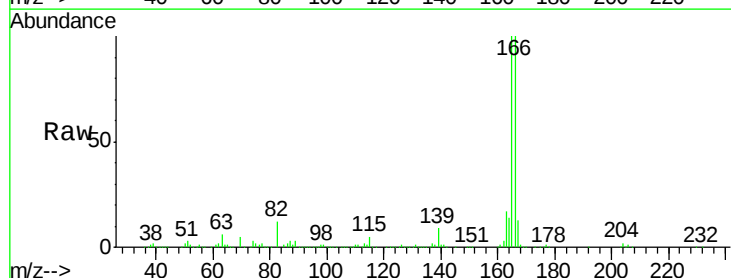
Sohil

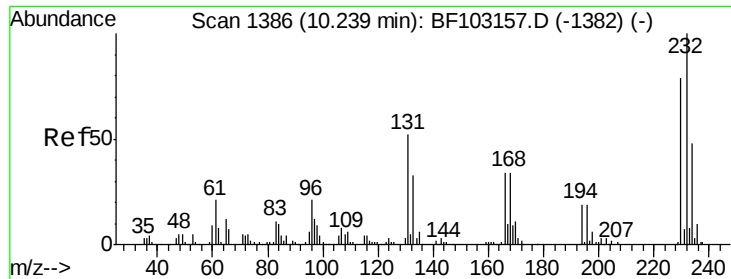
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#57
 Fluorene
 Concen: 30.715 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.2	10.6	16.0





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.772 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

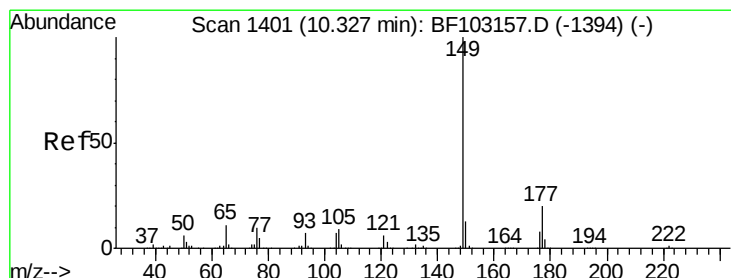
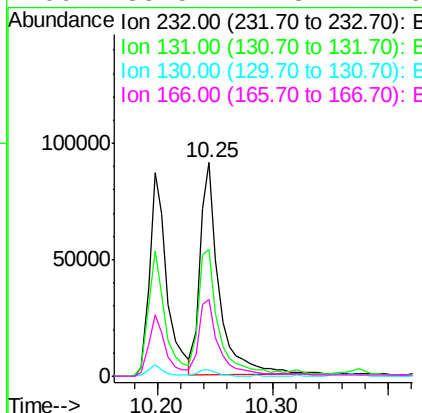
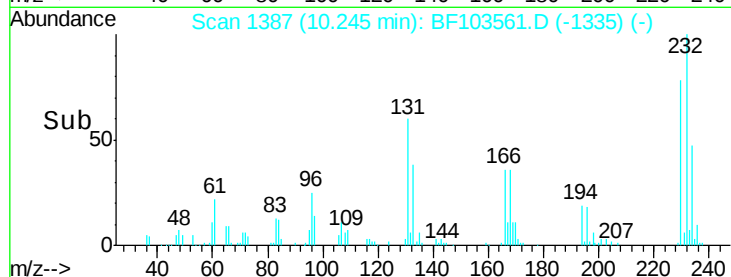
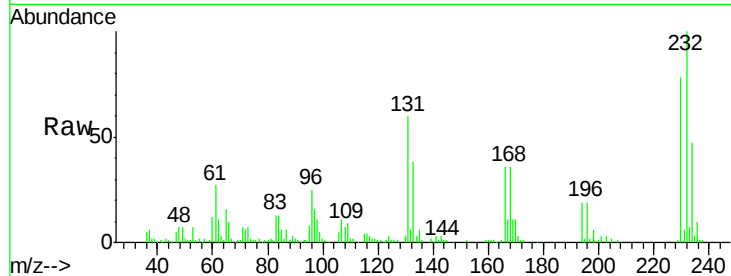
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion:	232	Resp:	106446
Ion Ratio	Lower	Upper	
232	100		
131	58.9	43.8	65.8
130	3.0	2.1	3.1
166	35.5	27.8	41.6

Manual Integrations
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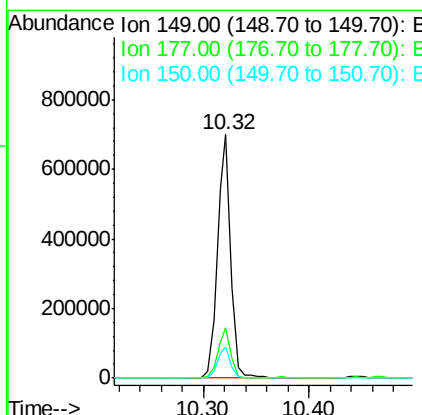
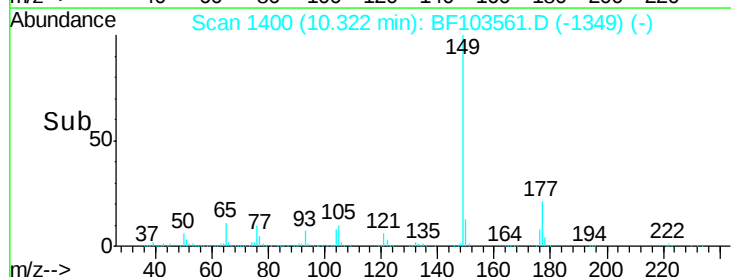
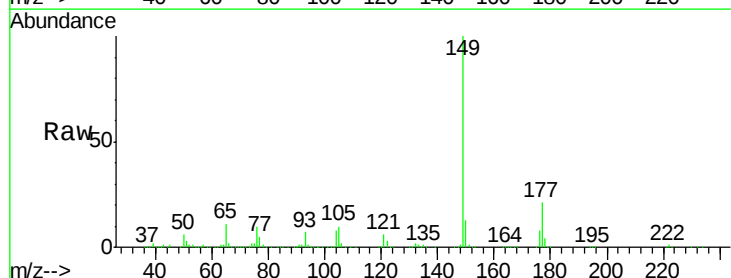
Sohil

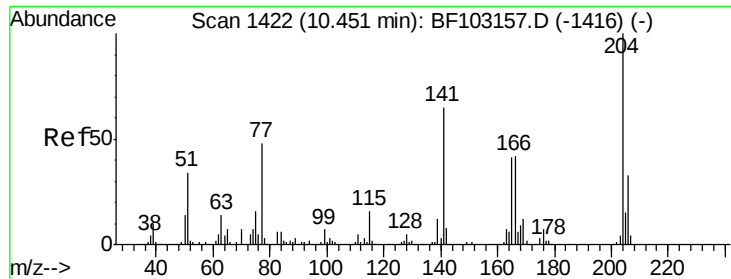
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#59
 Diethylphthalate
 Concen: 34.417 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	149	Resp:	622482
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.1	24.1
150	12.6	10.1	15.1





#60
 4-Chlorophenyl-phenylether
 Concen: 33.534 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

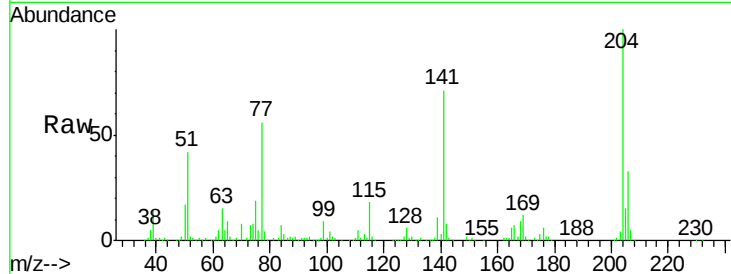
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion:	204	Resp:	233150
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.5	39.7
141	71.2	54.6	81.8

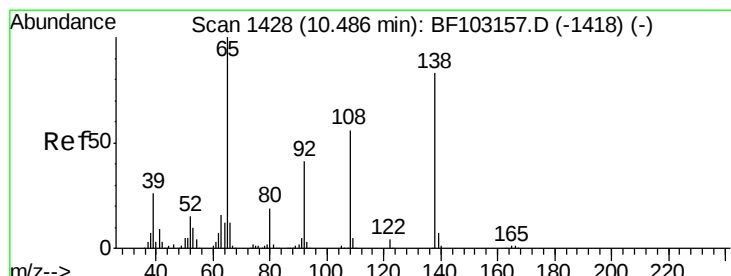
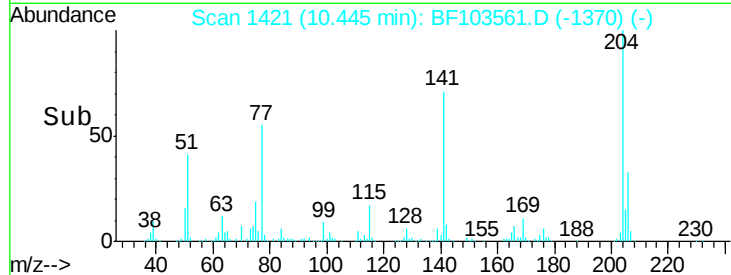
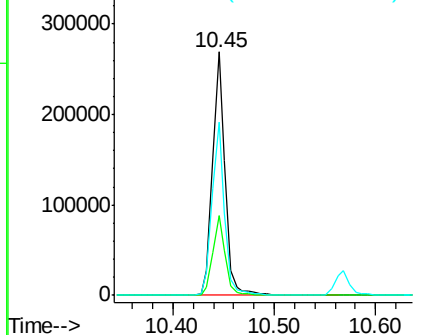
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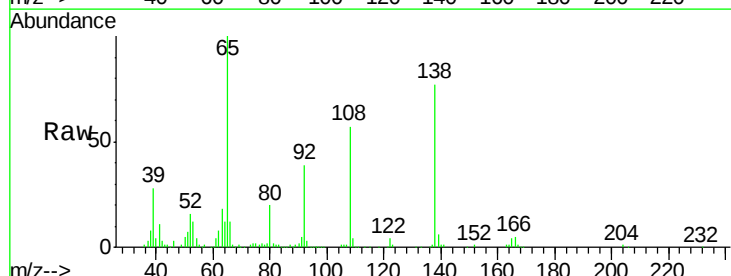


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

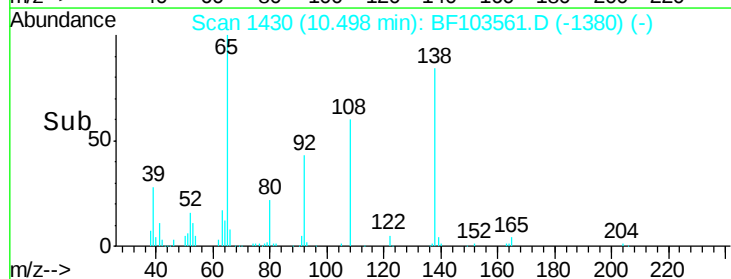
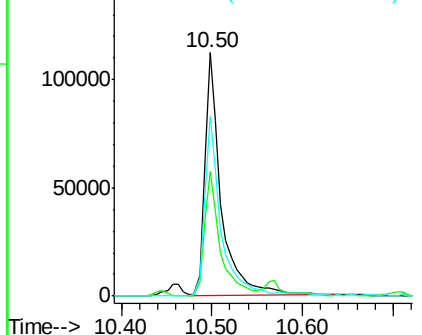


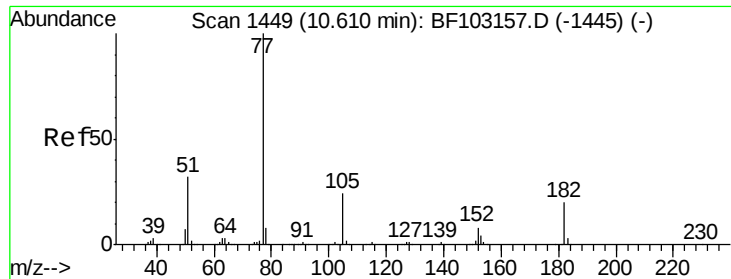
#61
 4-Nitroaniline
 Concen: 28.419 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	138	Resp:	142919
Ion Ratio	Lower	Upper	
138	100		
92	51.0	30.2	70.2
108	73.5	52.5	92.5



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





#62
Azobenzene
Concen: 34.733 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

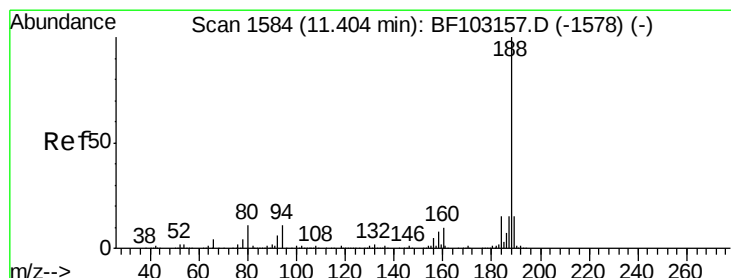
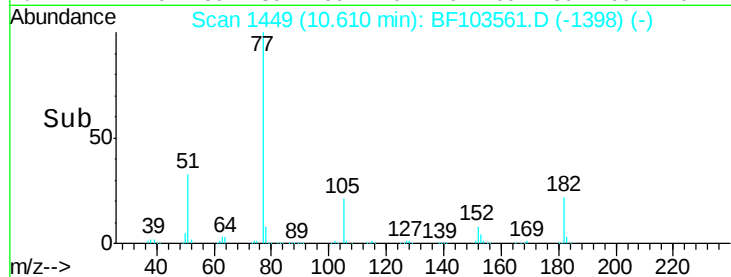
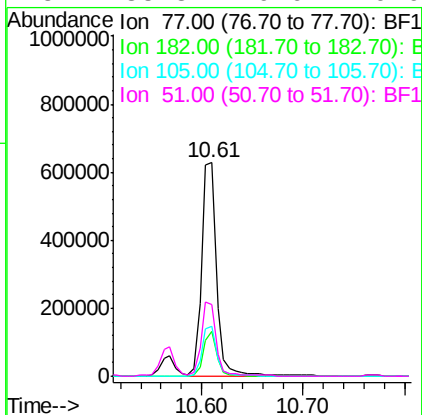
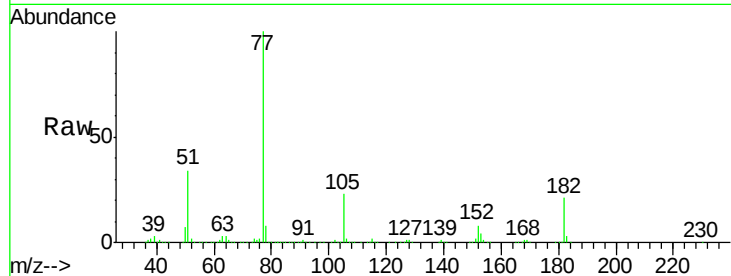
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion:	77	Resp:	639425
Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.7	41.7
105	23.2	3.0	43.0
51	33.8	9.9	49.9

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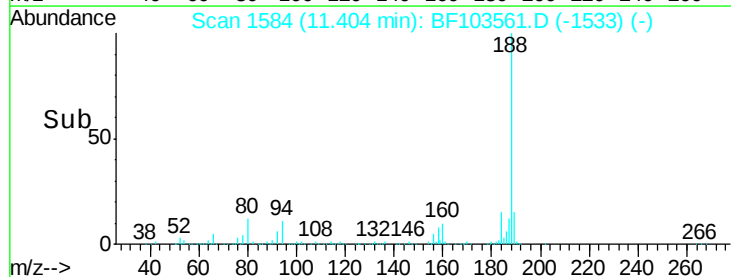
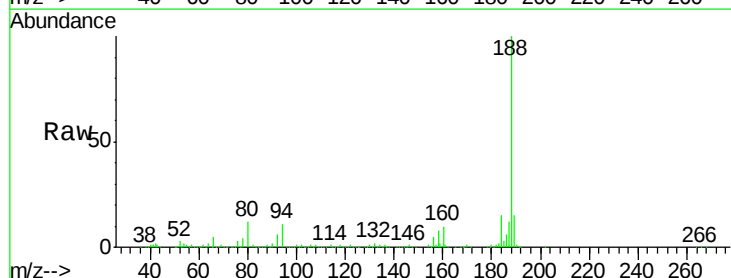
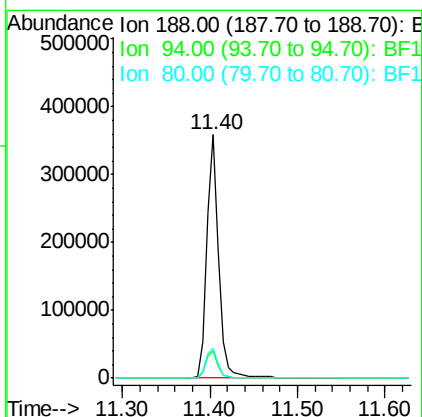
Sohil

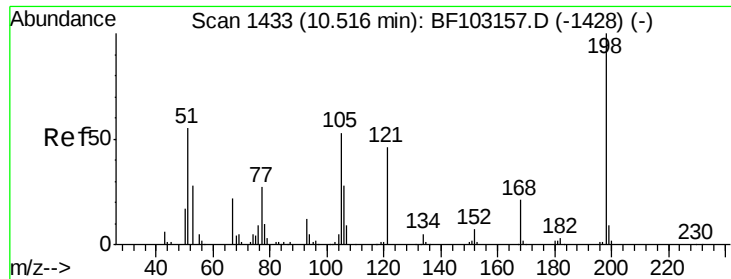
3/12/2018 3:50:21 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:	188	Resp:	337361
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.1	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.343 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion:198 Resp: 3198

Ion Ratio Lower Upper

198 100

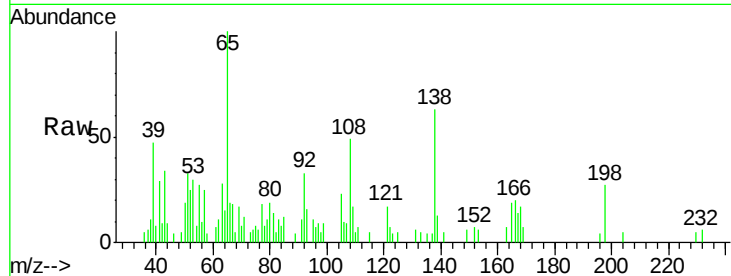
51 122.3 37.7 77.7#

105 86.3 36.3 76.3#

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

300000

250000

200000

150000

100000

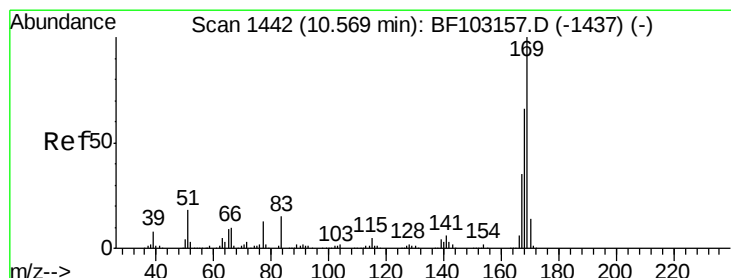
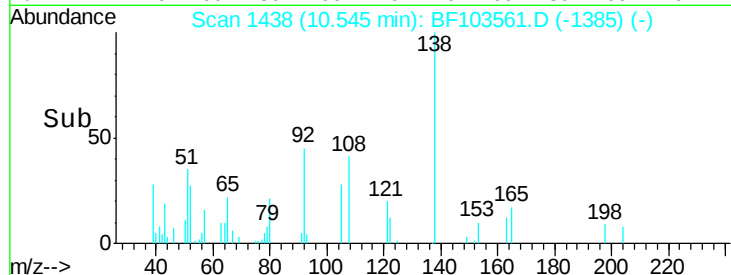
50000

0

10.50

10.55

Time-->



#65

n-Nitrosodiphenylamine

Concen: 38.655 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

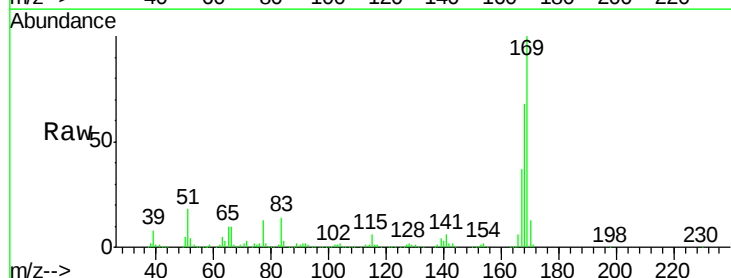
Tgt Ion:169 Resp: 454059

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

167 36.9 29.8 44.6



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

600000

500000

400000

300000

200000

100000

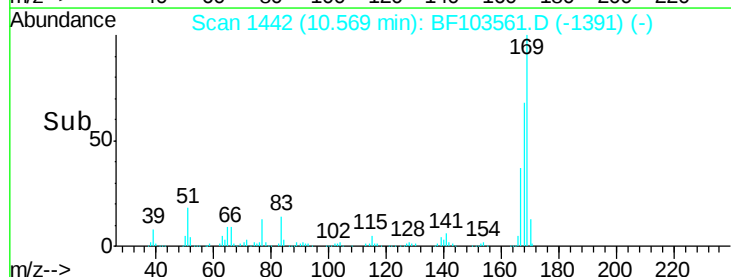
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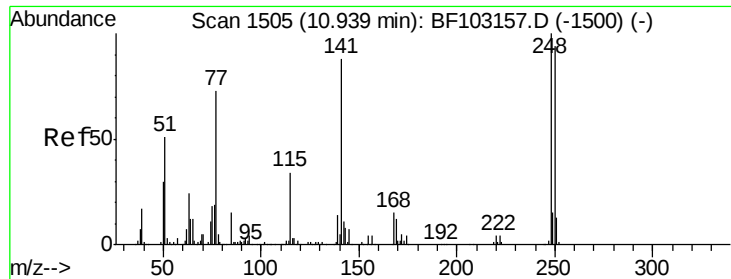
10.50

10.57

10.70

Time-->





#66
4-Bromophenyl-phenylether
Concen: 35.029 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

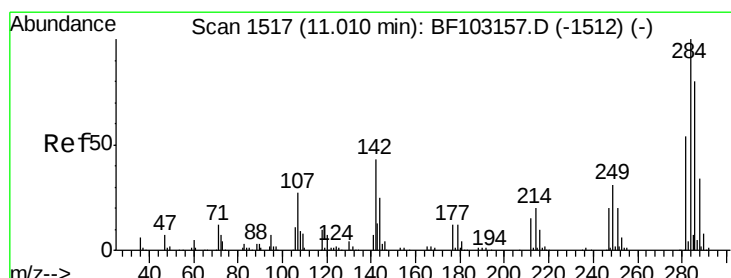
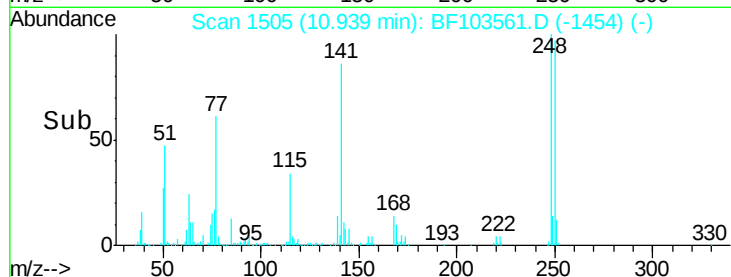
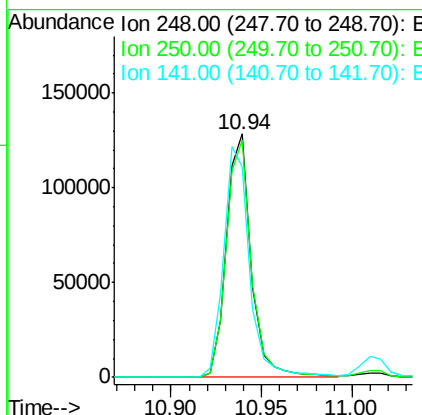
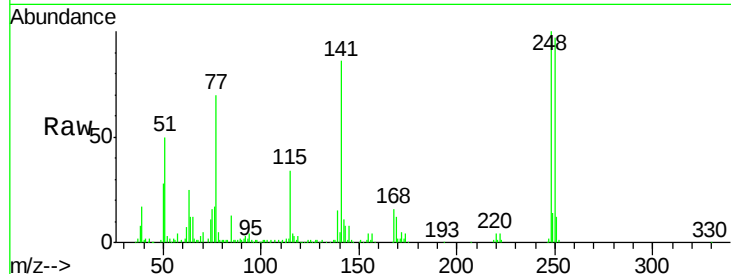
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	86.4	74.4	111.6

Manual Integrations
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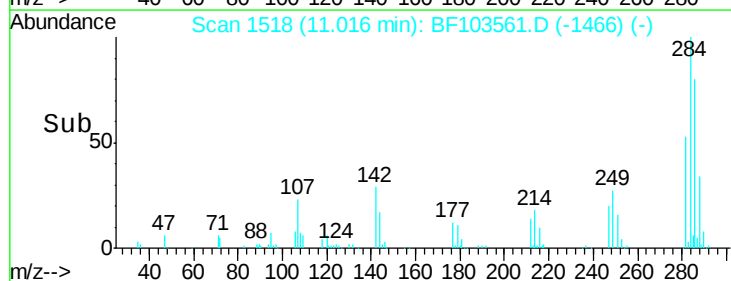
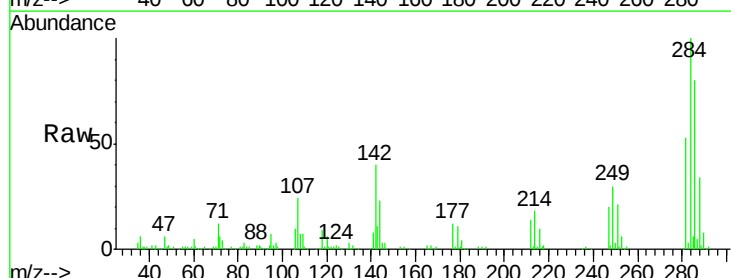
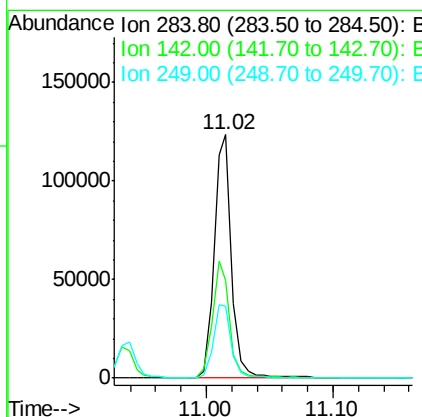
Sohil

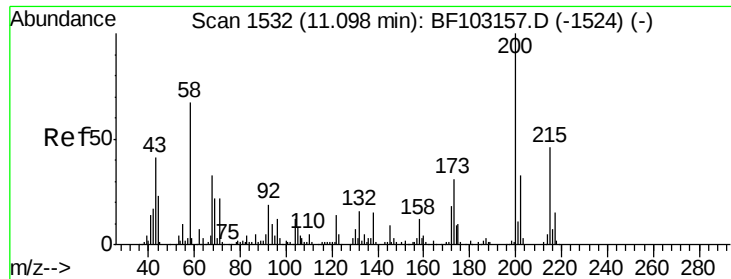
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#67
Hexachlorobenzene
Concen: 31.227 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	34.6	52.0
249	29.8	24.8	37.2





#68
Atrazine
Concen: 37.678 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

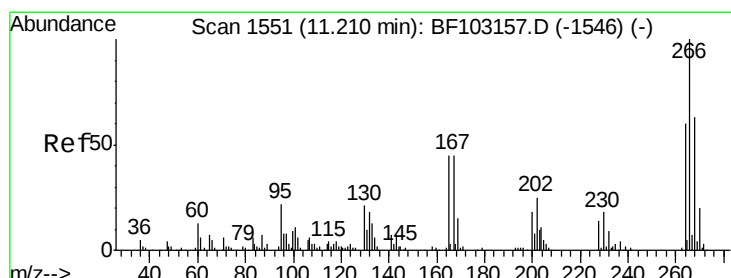
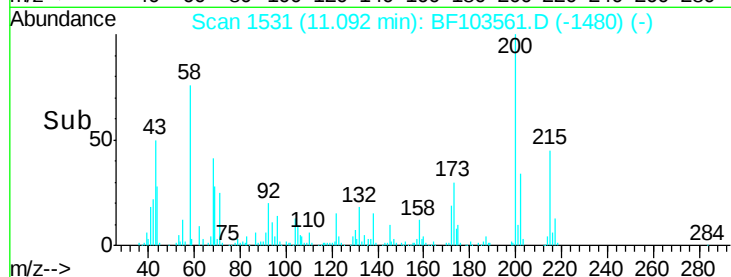
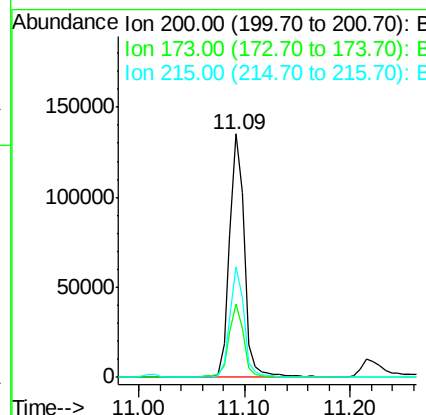
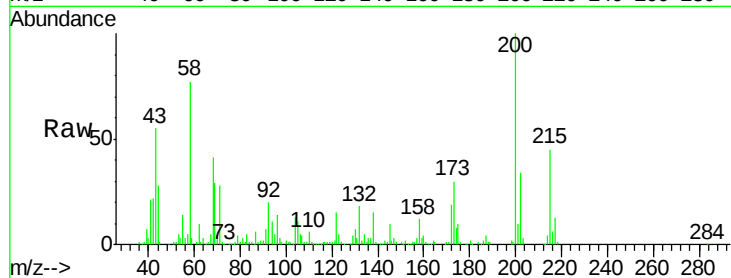
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.4	8.6	48.6
215	45.4	25.1	65.1

Manual Integrations
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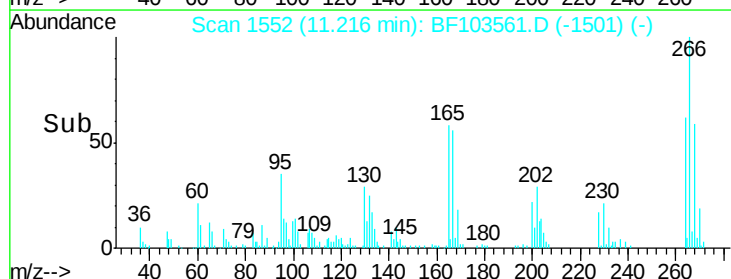
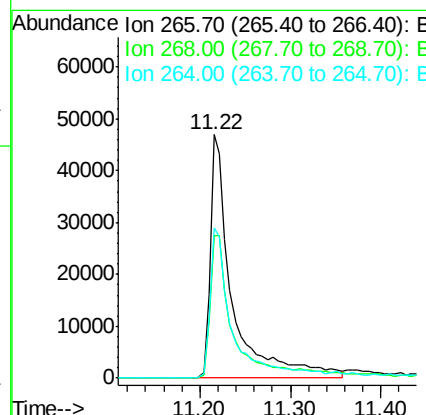
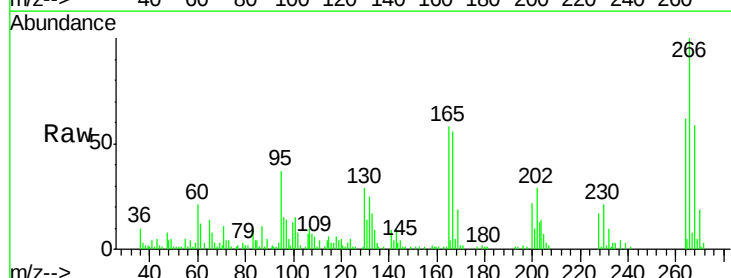
Sohil

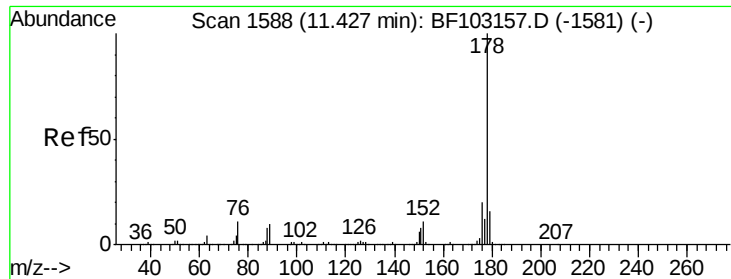
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#69
Pentachlorophenol
Concen: 43.488 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.7	51.1	76.7
264	61.7	49.5	74.3





#70

Phenanthrene

Concen: 32.827 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

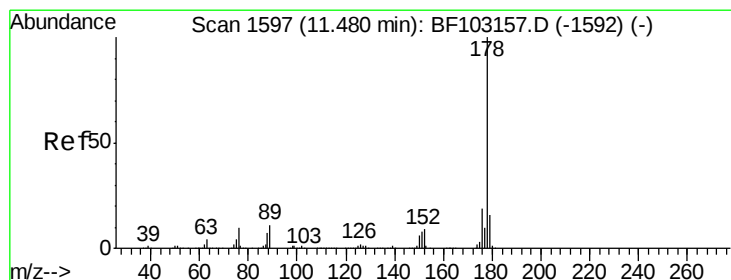
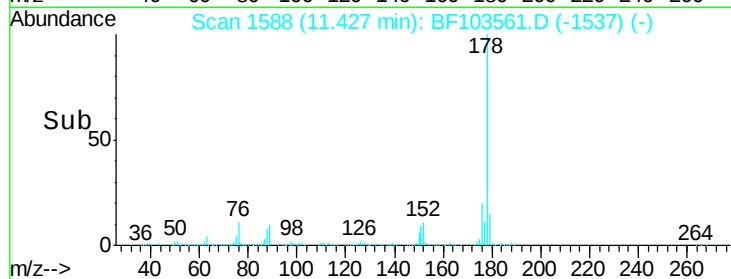
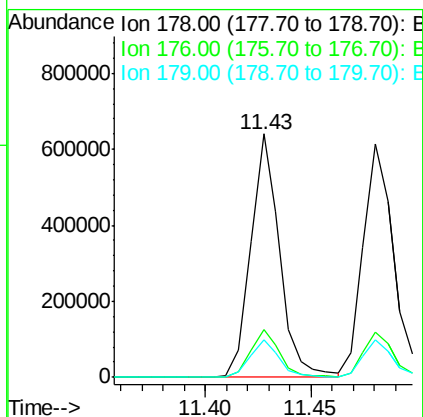
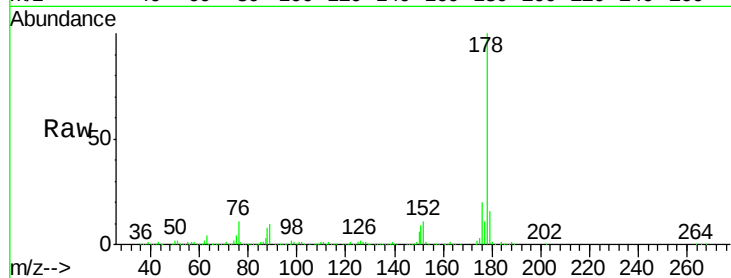
TP-6-COMPMS

Tot Ion:178	Resp:	609469
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.8 23.8
179	15.5	13.0 19.6

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#71

Anthracene

Concen: 34.135 ng

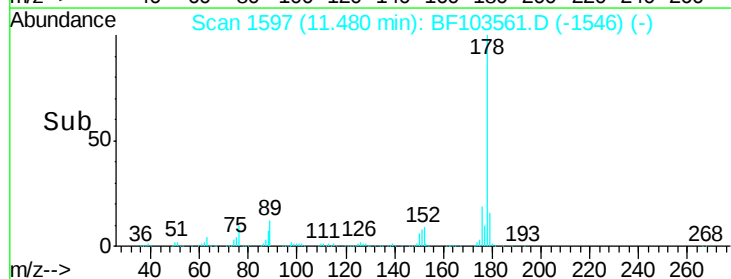
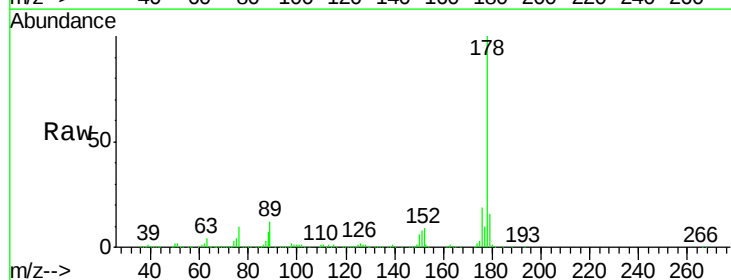
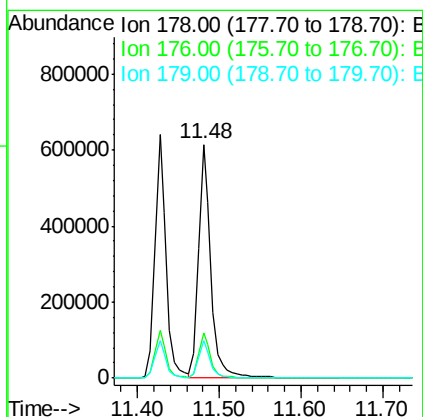
RT: 11.48 min Scan# 1597

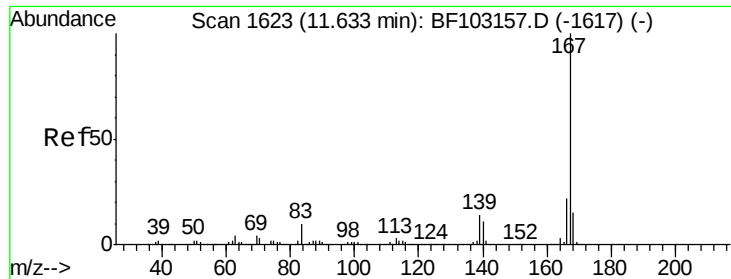
Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Tgt Ion:178	Resp:	649865
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.4 23.2
179	15.8	12.6 19.0





#72
 Carbazole
 Concen: 32.709 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

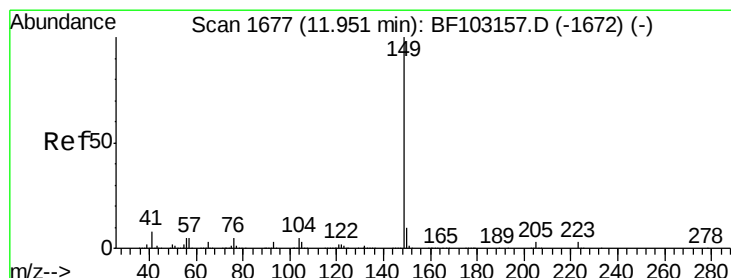
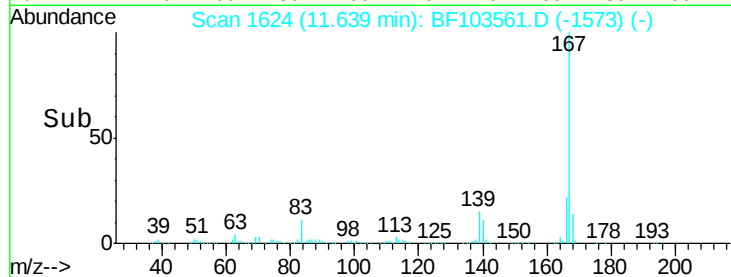
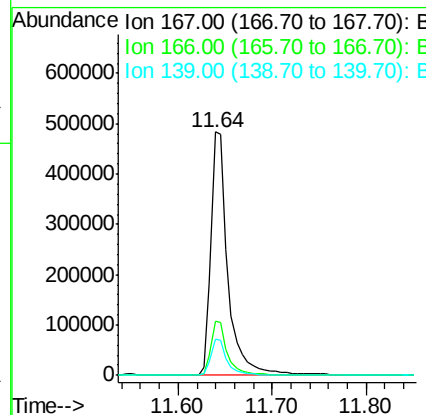
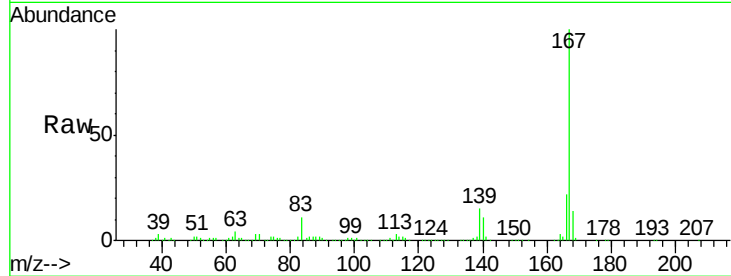
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion:	167	Resp:	620131
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.6	26.4
139	14.7	10.9	16.3

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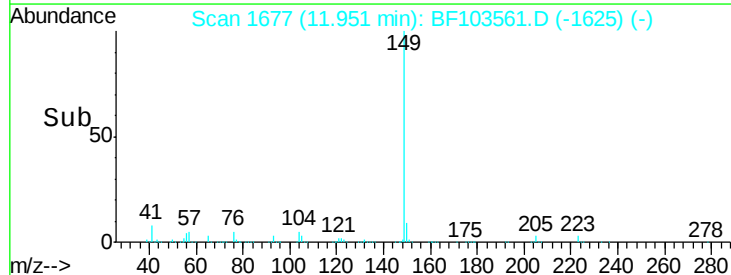
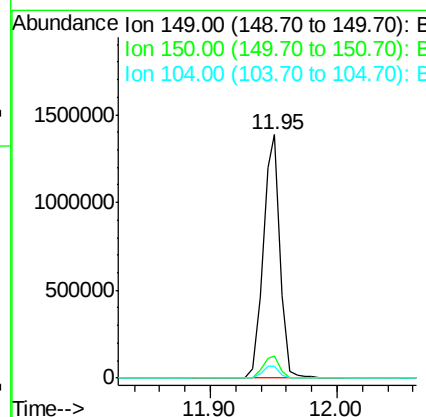
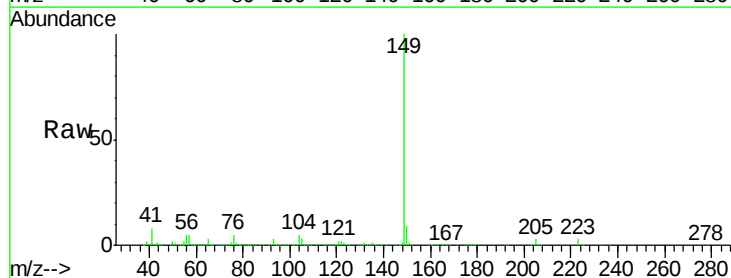
Sohil

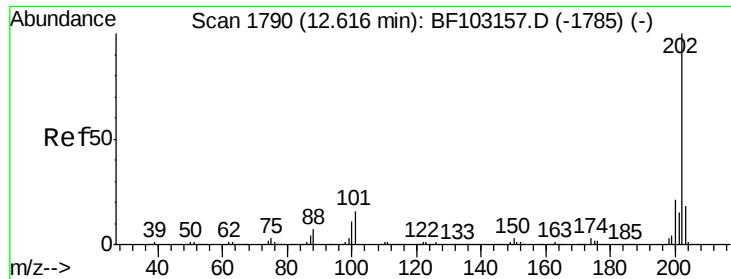
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#73
 Di-n-butylphthalate
 Concen: 54.455 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion:	149	Resp:	1291860
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.1	3.8	5.8





#74
Fluoranthene
Concen: 29.336 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

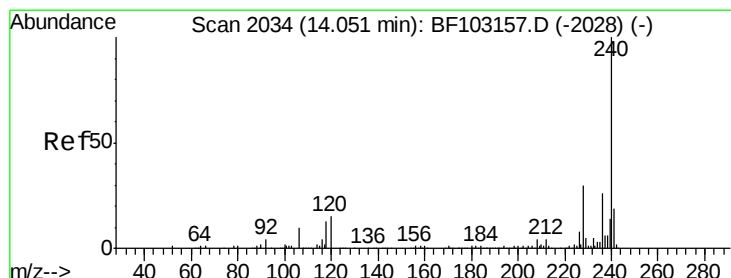
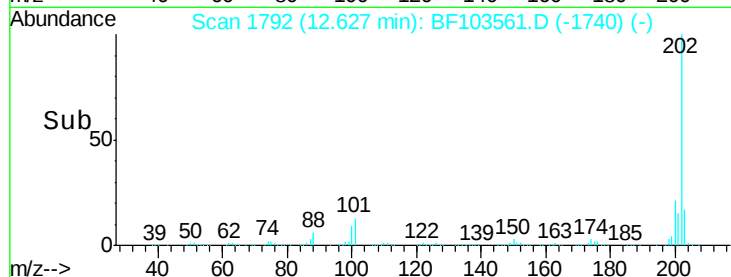
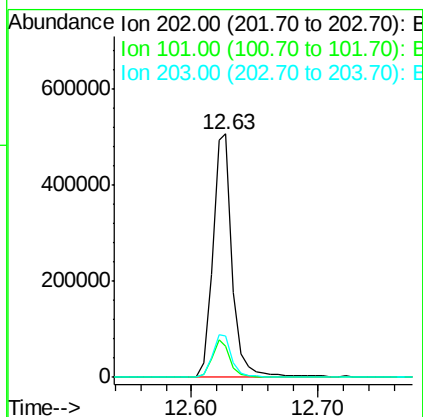
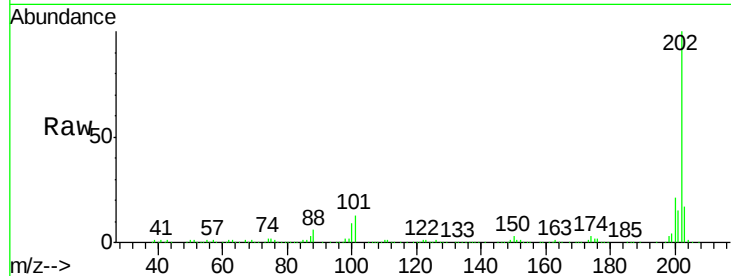
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	34.1
203	16.8	0.0	38.1

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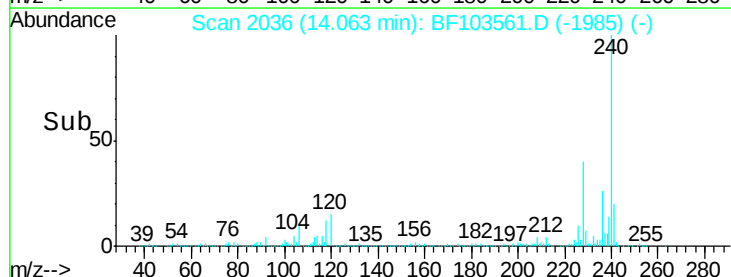
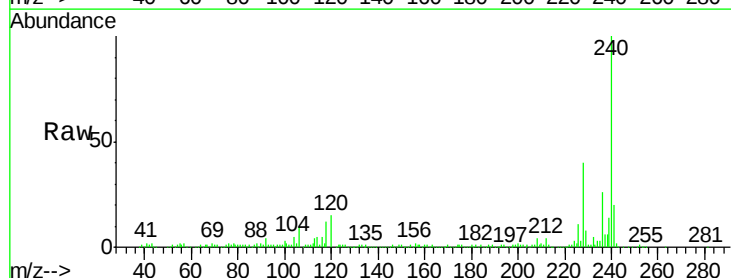
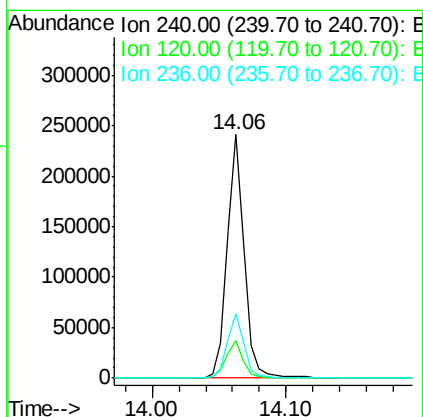
Sohil

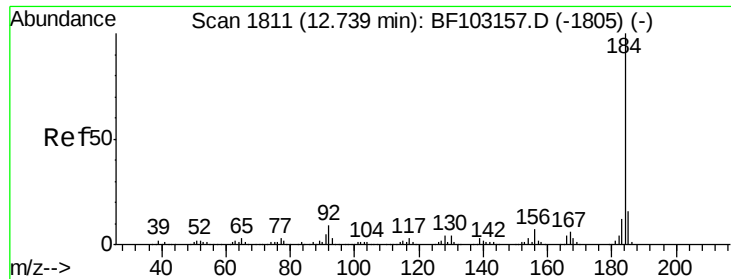
3/12/2018 3:50:21 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	26.4	20.7	31.1





#76
Benzidine
Concen: 18.381 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

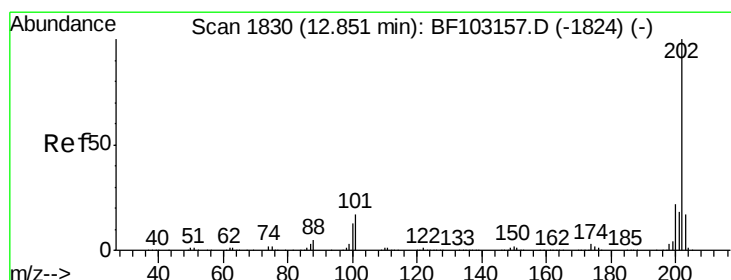
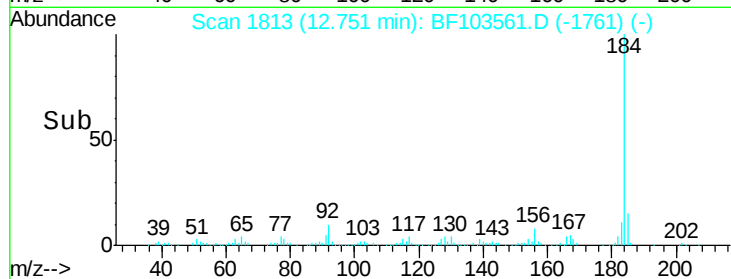
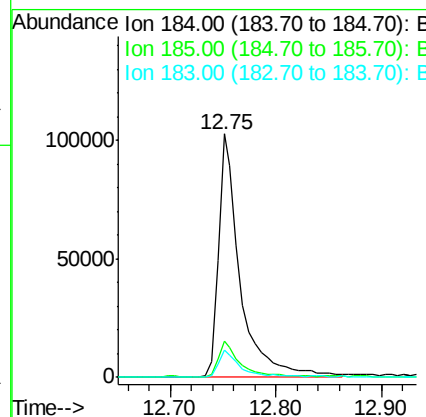
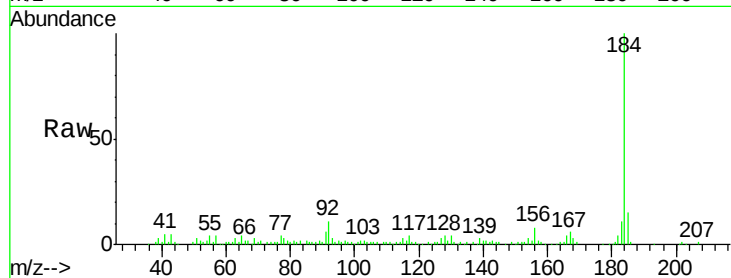
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion:	184	Resp:	149866
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	11.2	9.3	13.9

Manual Integrations
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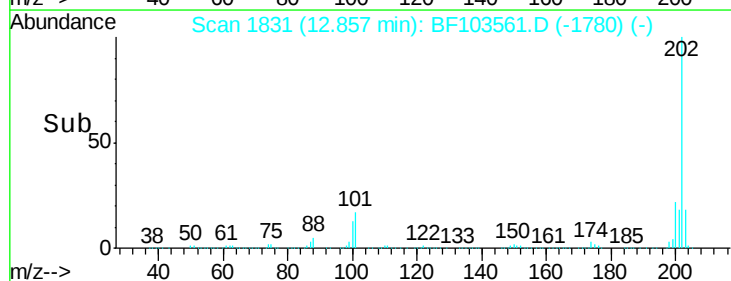
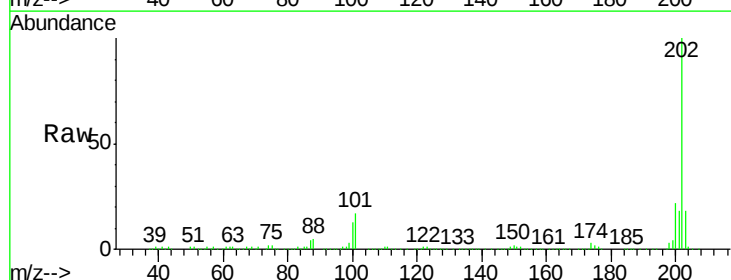
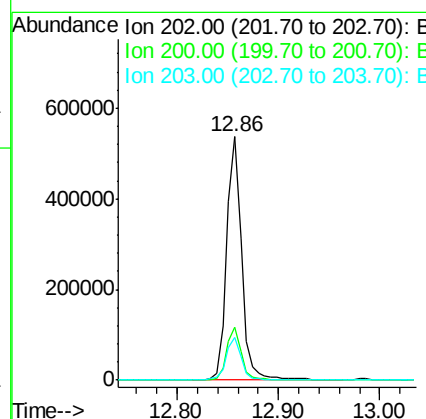
Sohil

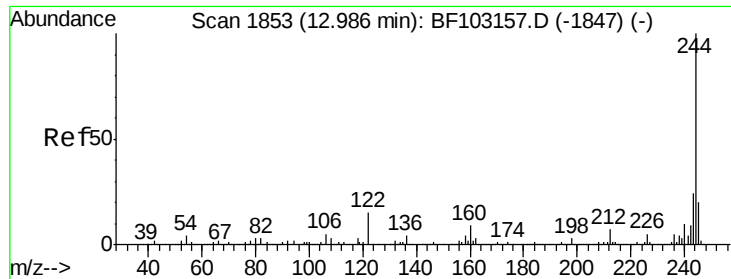
3/12/2018 3:50:21 PM



#77
Pyrene
Concen: 32.106 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:	202	Resp:	545931
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5





#78
 Terphenyl-d14
 Concen: 74.616 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

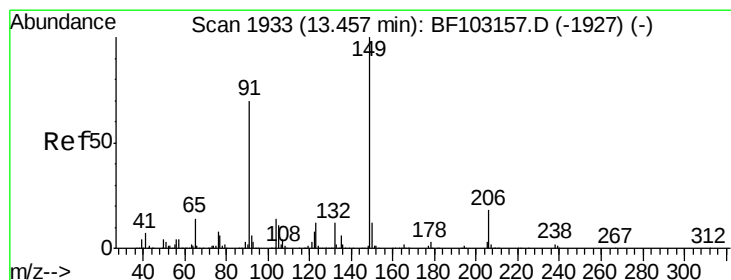
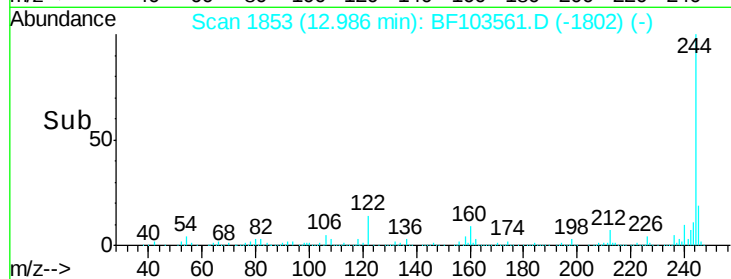
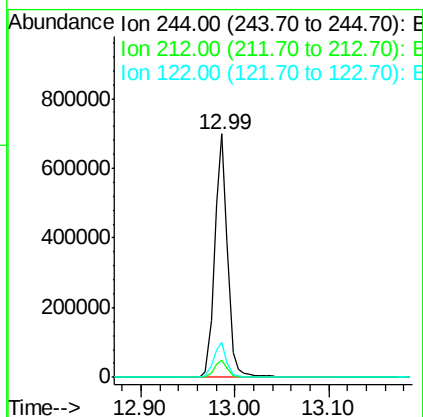
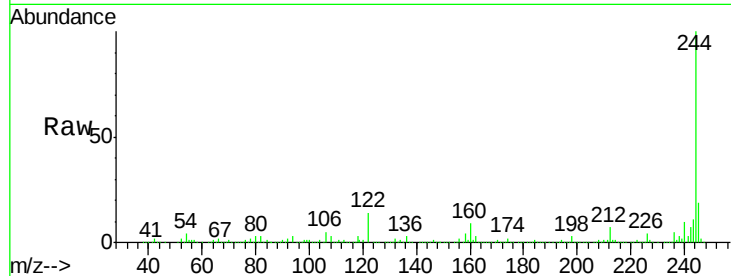
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.3	11.0	16.4

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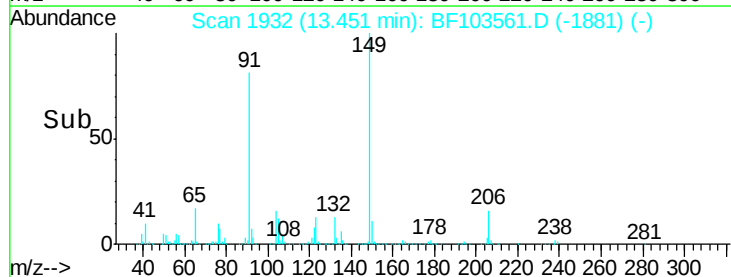
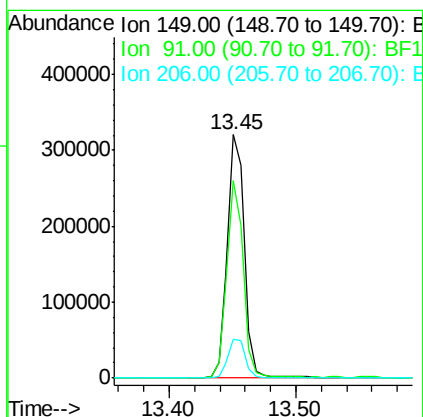
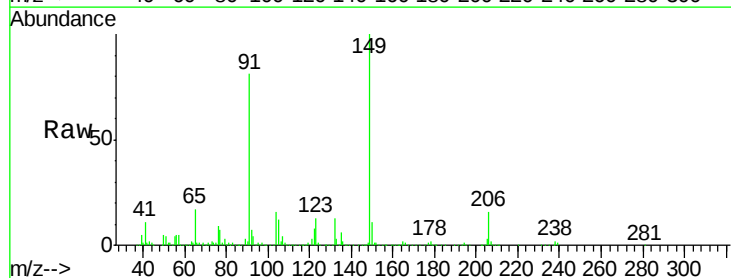
Sohil

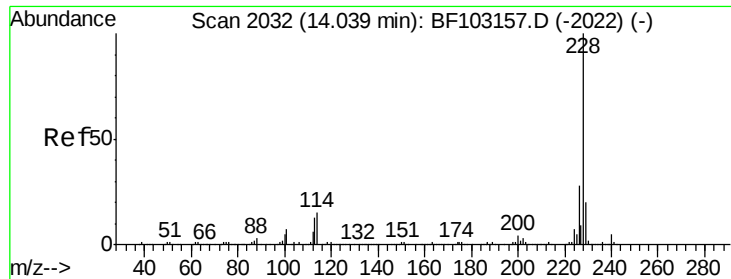
3/12/2018 3:50:21 PM



#79
 Butylbenzylphthalate
 Concen: 33.002 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF103561.D
 Acq: 9 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.2	56.8	85.2
206	15.8	14.1	21.1





#80
Benzo(a)anthracene
Concen: 32.257 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

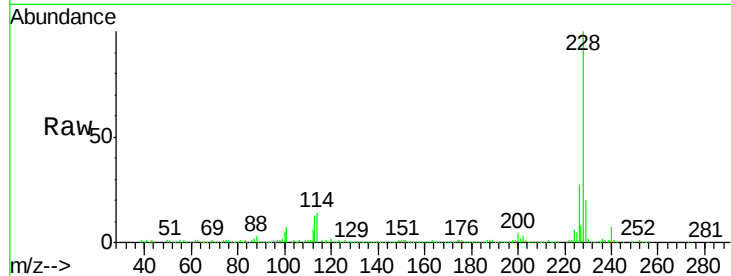
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6

Manual Integrations
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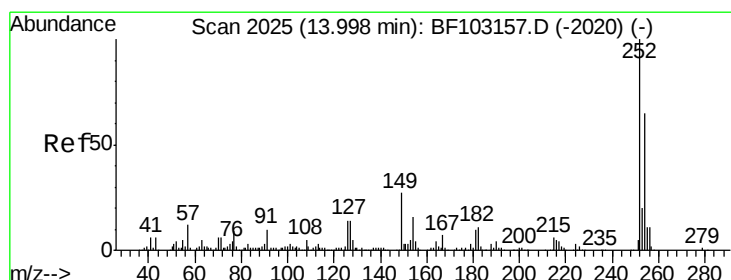
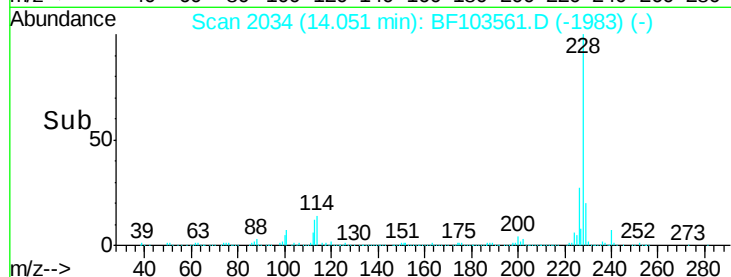
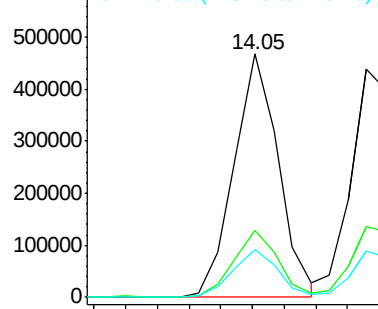


Abundance

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



#81
3,3'-Dichlorobenzidine
Concen: 28.634 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

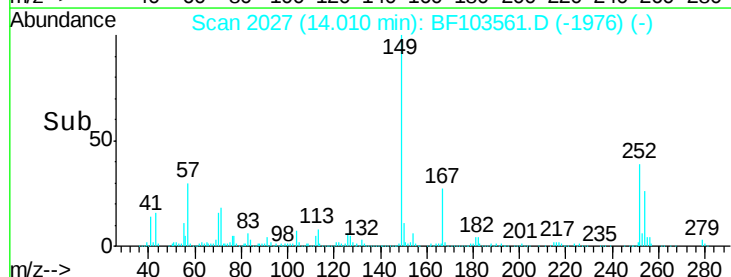
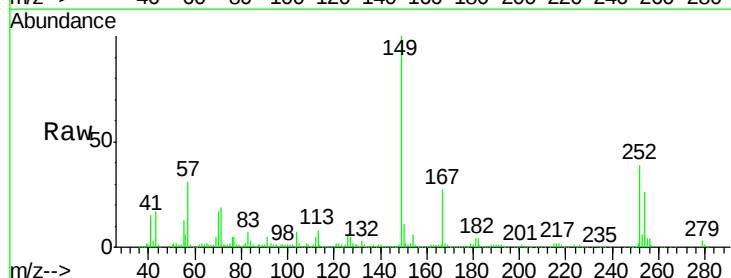
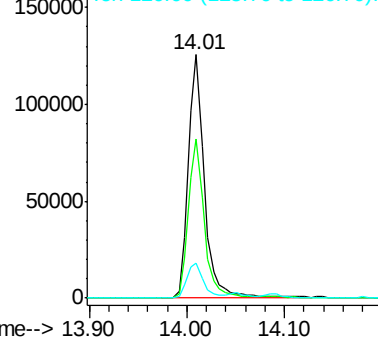
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	14.3	11.3	16.9

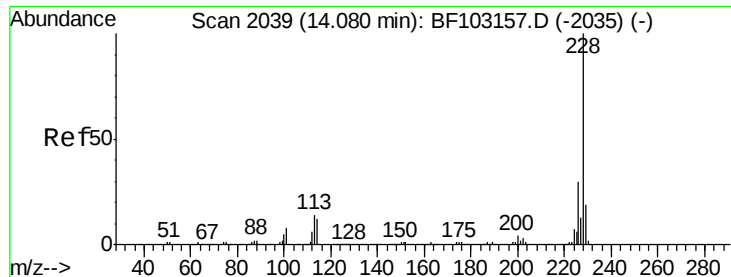
Abundance

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: 33.295 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

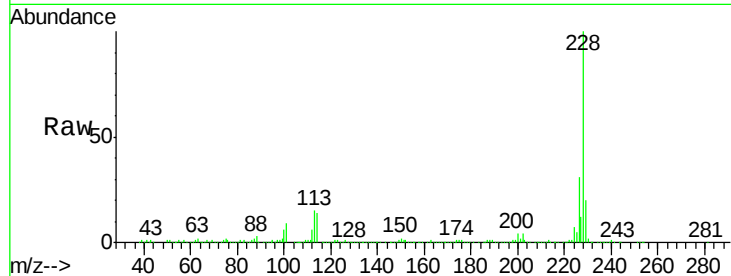
TP-6-COMPMS

Tot Ion:	228	Resp:	457478
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4

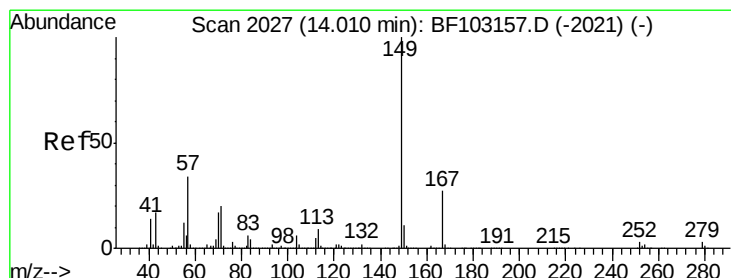
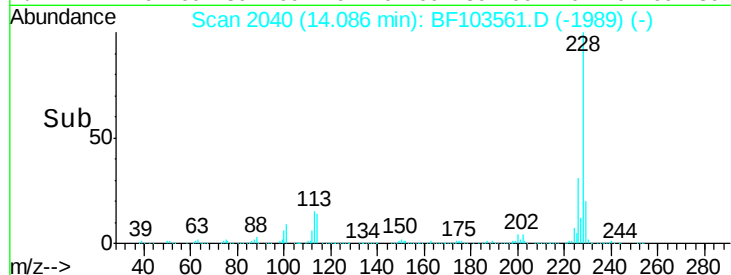
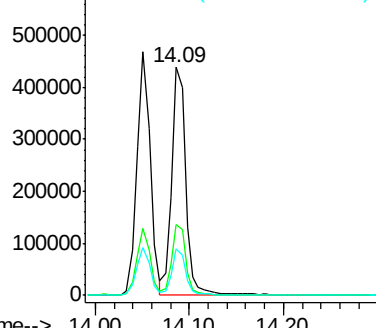
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.585 ng

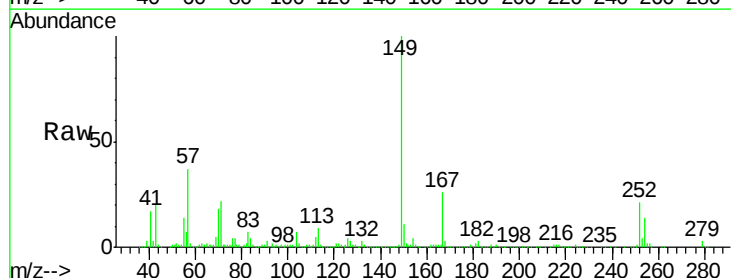
RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

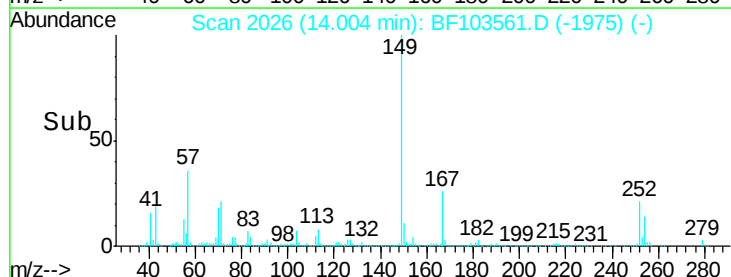
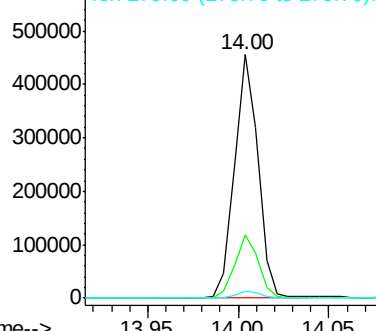
Lab File: BF103561.D

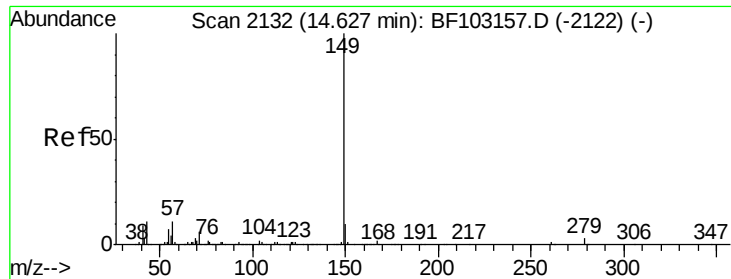
Acq: 9 Mar 2018 17:07

Tgt Ion:	149	Resp:	407161
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	2.6	3.0	4.4#



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: 36.350 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

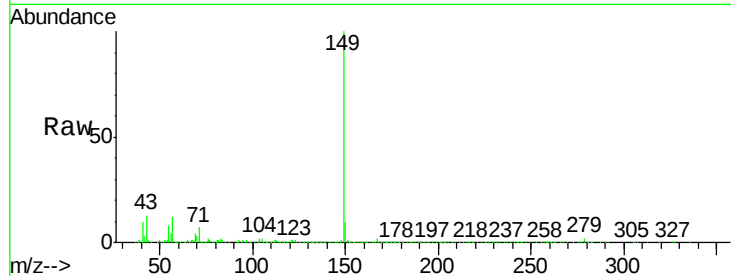
TP-6-COMPMS

Tot Ion:	149	Resp:	712008
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	12.1	8.4	12.6

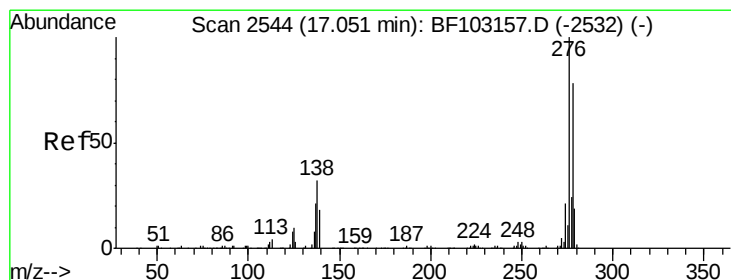
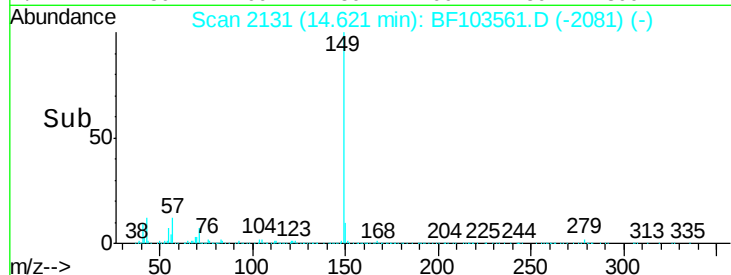
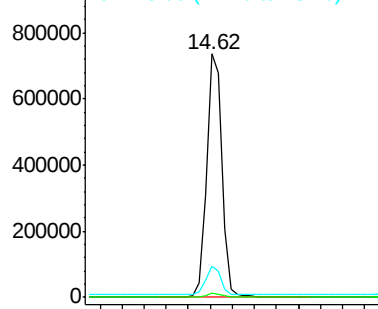
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Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 29.760 ng

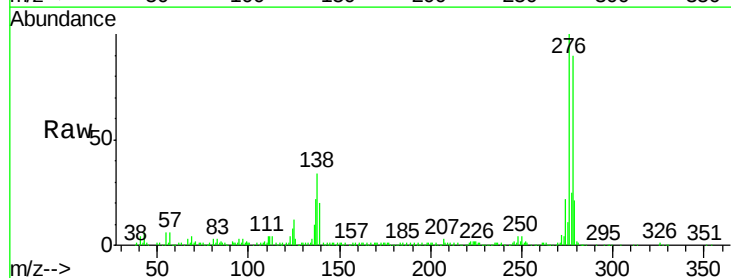
RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

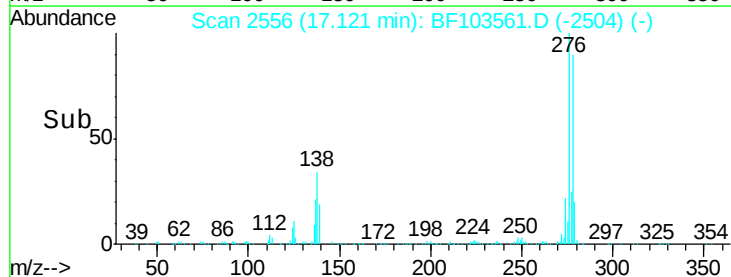
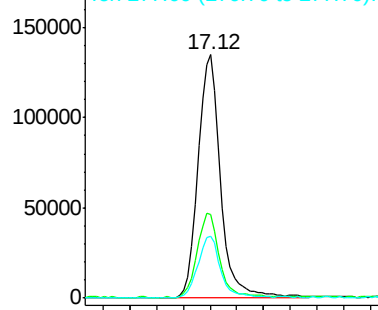
Lab File: BF103561.D

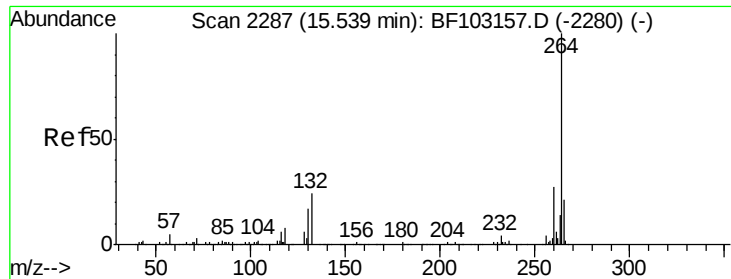
Acq: 9 Mar 2018 17:07

Tgt Ion:	276	Resp:	323720
Ion Ratio	Lower	Upper	
276	100		
138	34.1	25.0	37.6
277	24.8	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
150000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

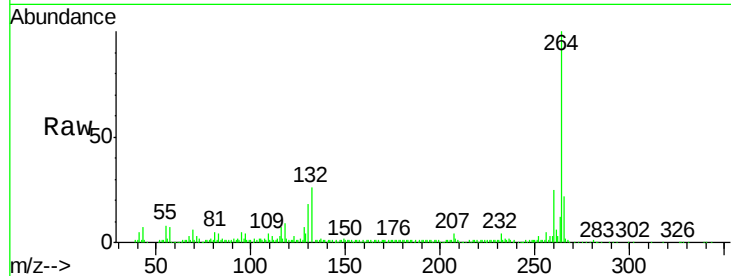
TP-6-COMPMS

Tot Ion:	264	Resp:	191143
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.2	28.8
265	21.9	17.5	26.3

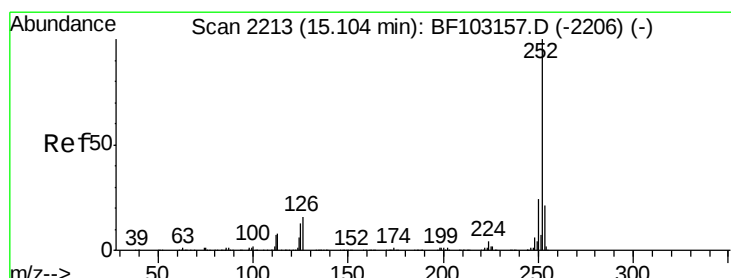
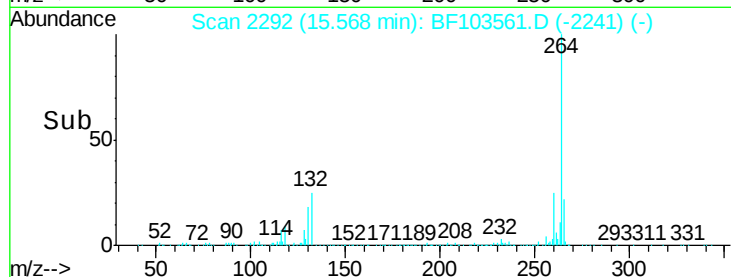
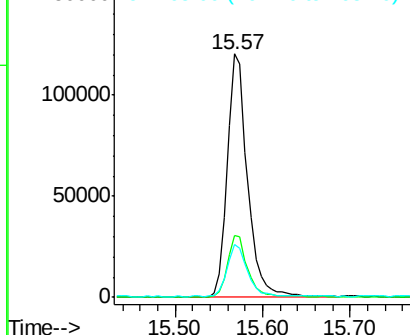
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 32.742 ng

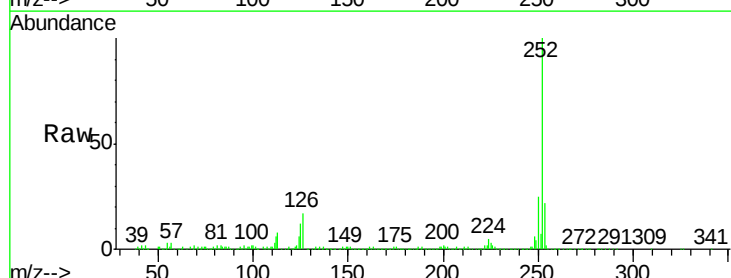
RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

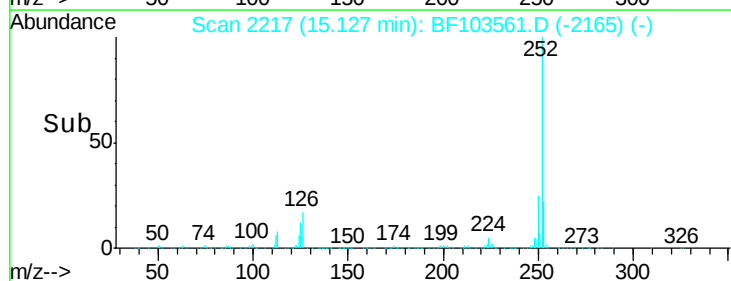
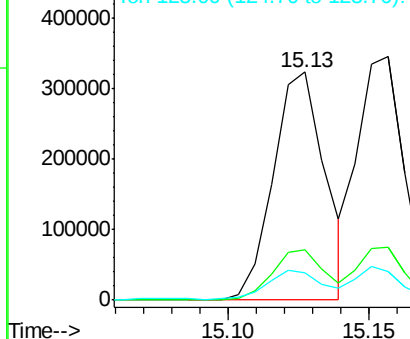
Lab File: BF103561.D

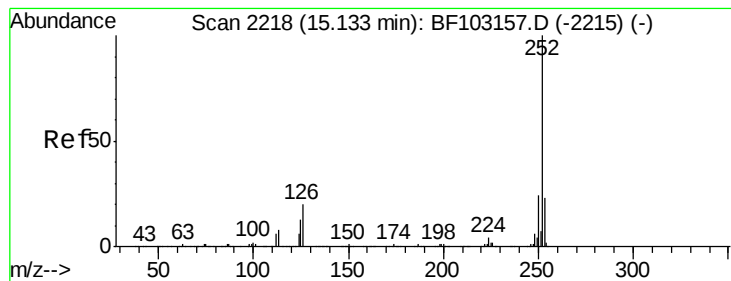
Acq: 9 Mar 2018 17:07

Tgt Ion:	252	Resp:	411485
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	12.2	9.0	13.6



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: 35.860 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

Instrument :

BNA_F

ClientSampleId :

TP-6-COMPMS

Tot Ion:252 Resp: 424374

Ion Ratio Lower Upper

252 100

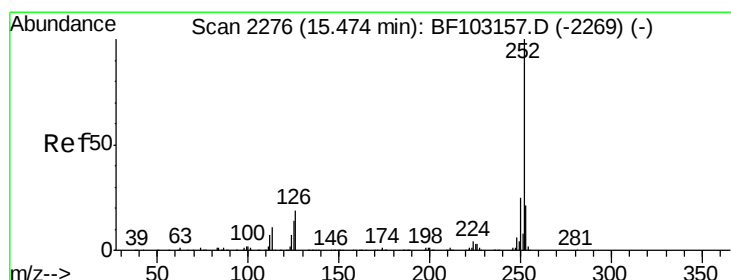
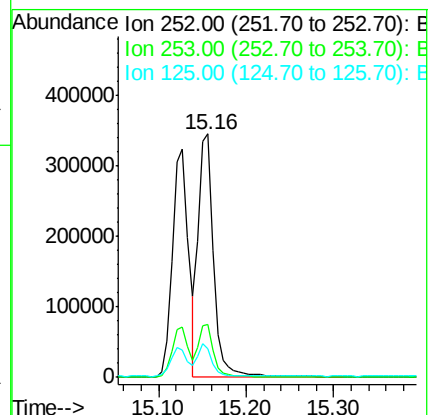
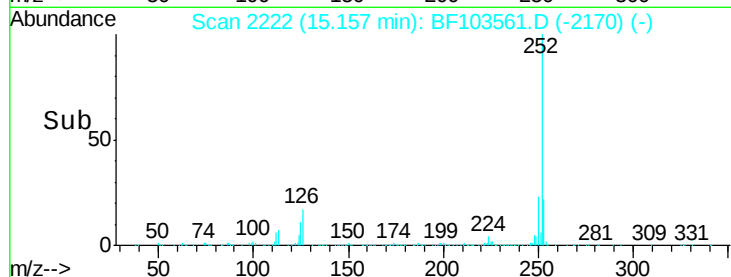
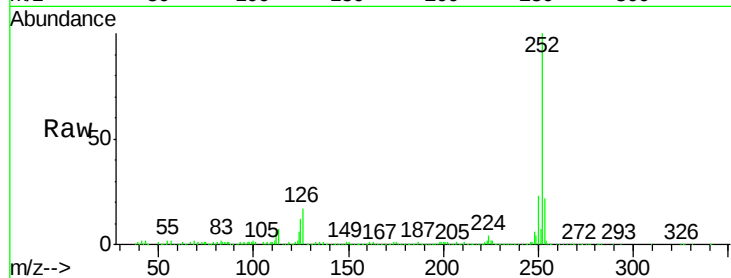
253 21.7 17.9 26.9

125 11.6 10.2 15.2

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#89

Benzo(a)pyrene

Concen: 33.397 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103561.D

Acq: 9 Mar 2018 17:07

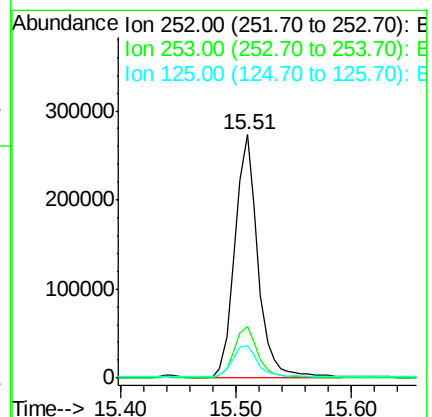
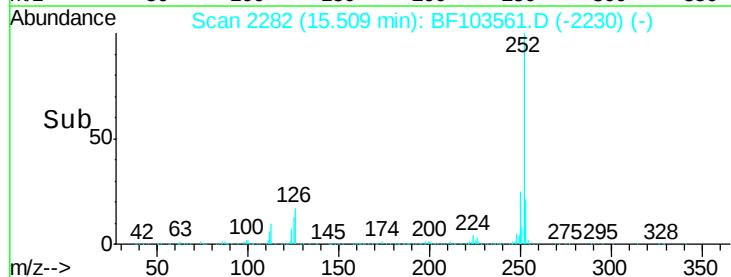
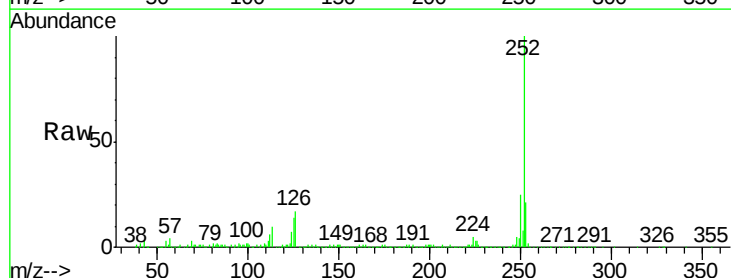
Tgt Ion:252 Resp: 374807

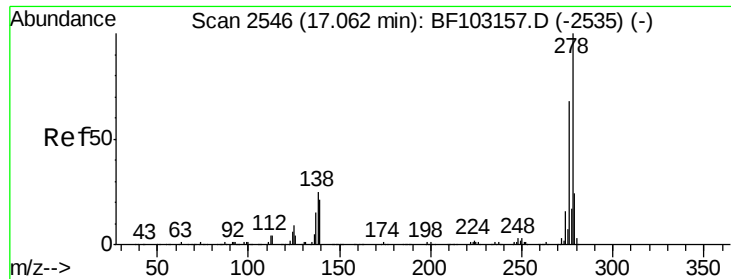
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 13.5 9.8 14.6





#90
Dibenzo(a,h)anthracene
Concen: 32.401 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

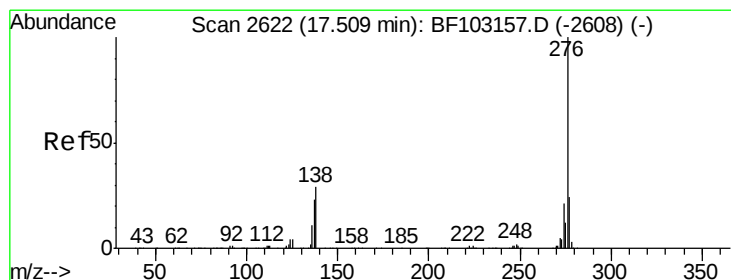
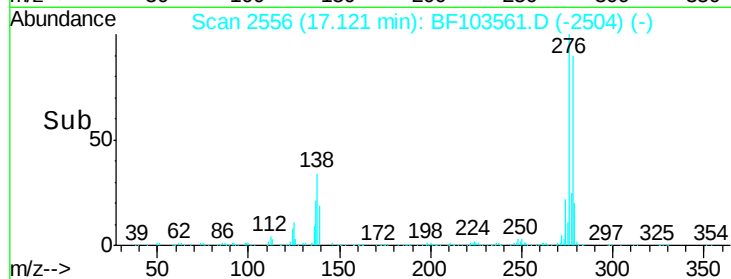
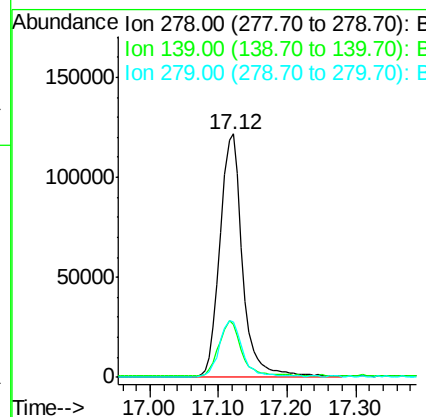
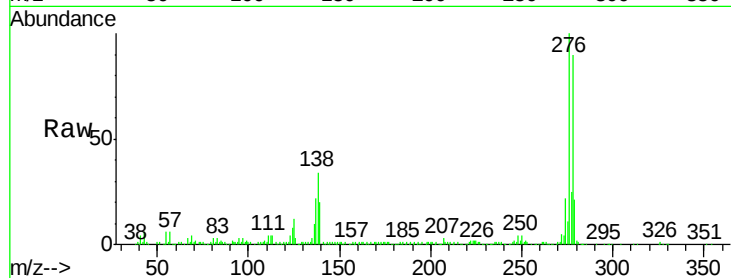
Instrument :
BNA_F
ClientSampleId :
TP-6-COMPMS

Tot Ion:278	Resp:	280978
Ion Ratio	Lower	Upper
278 100		
139 21.9	15.9	23.9
279 23.0	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 30.294 ng
RT: 17.59 min Scan# 2635
Delta R.T. 0.00 min
Lab File: BF103561.D
Acq: 9 Mar 2018 17:07

Tgt Ion:276	Resp:	256758
Ion Ratio	Lower	Upper
276 100		
277 22.1	17.9	26.9
138 30.1	21.8	32.8

