

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103594.D
 Acq On : 12 Mar 2018 20:50
 Operator : SJ/JU
 Sample : PB107245BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:13:27 PM

Quant Time: Mar 13 02:16:36 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	128929	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	550241	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	254570	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	442680	20.00	ng	0.00
75) Chrysene-d12	14.06	240	321113	20.00	ng	0.00
86) Perylene-d12	15.56	264	302506	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1036711	121.61	ng	0.00
7) Phenol-d6	6.50	99	1177016	112.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	768916	79.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	214703	99.64	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1149382	75.78	ng	0.00
78) Terphenyl-d14	12.98	244	1060717	79.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	144005	31.98	ng	93
3) Pyridine	3.52	79	295833	24.61	ng	97
4) n-Nitrosodimethylamine	3.46	42	167864	34.63	ng	92
6) Aniline	6.54	93	268383	17.83	ng	# 56
8) 2-Chlorophenol	6.65	128	361101	40.78	ng	94
9) Benzaldehyde	6.43	77	161921	22.52	ng	97
10) Phenol	6.52	94	433364	35.79	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	328943	35.79	ng	93
12) 1,3-Dichlorobenzene	6.80	146	372748	36.83	ng	98
13) 1,4-Dichlorobenzene	6.87	146	403264	39.75	ng	99
14) 1,2-Dichlorobenzene	7.03	146	351080	37.53	ng	100
15) Benzyl Alcohol	7.02	79	293753	37.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	574581	36.41	ng	# 47
17) 2-Methylphenol	7.12	107	303264	37.68	ng	# 80
18) Hexachloroethane	7.36	117	140900	38.15	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	272205	41.93	ng	94
20) 3+4-Methylphenols	7.29	107	410663	41.86	ng	# 77
22) Acetophenone	7.27	105	527763	41.09	ng	# 92
24) Nitrobenzene	7.45	77	410220	38.67	ng	93
25) Isophorone	7.68	82	774070	40.79	ng	97
26) 2-Nitrophenol	7.76	139	198989	39.85	ng	91
27) 2,4-Dimethylphenol	7.80	122	334155	43.78	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	470933	42.21	ng	99
29) 2,4-Dichlorophenol	8.02	162	307660	42.10	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	286089	36.76	ng	99
31) Naphthalene	8.16	128	1059438	39.33	ng	100
32) Benzoic acid	7.96	122	154544	30.27	ng	97
33) 4-Chloroaniline	8.24	127	126693	10.90	ng	97
34) Hexachlorobutadiene	8.26	225	141750	34.98	ng	99
35) Caprolactam	8.60	113	102399m	39.87	ng	
36) 4-Chloro-3-methylphenol	8.72	107	354353	42.99	ng	98
37) 2-Methylnaphthalene	8.86	142	679075	39.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253451	36.42	ng	98
40) Hexachlorocyclopentadiene	9.00	237	82675	38.84	ng	95

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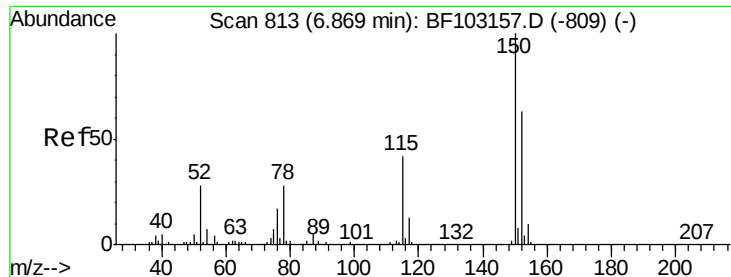
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	168772	36.04	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	173773	32.26	nq	97
45) 1,1'-Biphenyl	9.32	154	786238	36.86	nq	99
46) 2-Chloronaphthalene	9.35	162	624555	37.01	nq	100
47) 2-Nitroaniline	9.46	65	256030	40.96	nq	83
48) Acenaphthylene	9.76	152	926348	35.68	nq	100
49) Dimethylphthalate	9.62	163	720578	35.28	nq	99
50) 2,6-Dinitrotoluene	9.70	165	157910	36.85	nq	# 89
51) Acenaphthene	9.93	154	549138	36.27	nq	98
52) 3-Nitroaniline	9.88	138	96433	17.74	nq	95
53) 2,4-Dinitrophenol	10.00	184	86807	58.95	nq	# 21
54) Dibenzofuran	10.11	168	788576	37.94	nq	94
55) 4-Nitrophenol	10.06	139	112377	33.35	nq	# 83
56) 2,4-Dinitrotoluene	10.11	165	202947	37.44	nq	# 62
57) Fluorene	10.45	166	654826	36.98	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137836	38.10	nq	97
59) Diethylphthalate	10.32	149	736693	37.72	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	290922	38.75	nq	99
61) 4-Nitroaniline	10.50	138	195574	36.01	nq	99
62) Azobenzene	10.60	77	817747	41.13	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	80867	31.87	nq	# 86
65) n-Nitrosodiphenylamine	10.56	169	582624	37.80	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	170256	36.92	nq	97
67) Hexachlorobenzene	11.00	284	176065	35.18	nq	99
68) Atrazine	11.09	200	178754	38.58	nq	99
69) Pentachlorophenol	11.21	266	107310	44.34	nq	99
70) Phenanthrene	11.42	178	912273	37.45	nq	98
71) Anthracene	11.47	178	982519	39.33	nq	100
72) Carbazole	11.64	167	980986	39.43	nq	100
73) Di-n-butylphthalate	11.94	149	1197109	38.46	nq	99
74) Fluoranthene	12.62	202	949710	38.79	nq	98
76) Benzidine	12.74	184	360389	30.02	nq	98
77) Pyrene	12.85	202	949867	37.94	nq	99
79) Butylbenzylphthalate	13.44	149	525454	39.72	nq	94
80) Benzo(a)anthracene	14.04	228	783963	37.63	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	144073	19.38	nq	98
82) Chrysene	14.09	228	789746	39.04	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	677984	37.98	nq	100
84) Di-n-octyl phthalate	14.62	149	1213471	42.08	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	644167	40.22	nq	99
87) Benzo(b)fluoranthene	15.12	252	703745	35.38	nq	98
88) Benzo(k)fluoranthene	15.15	252	736309	39.31	nq	99
89) Benzo(a)pyrene	15.50	252	691349	38.92	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	544799	39.70	nq	99
91) Benzo(g,h,i)perylene	17.58	276	550481	41.04	nq	95

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



#1

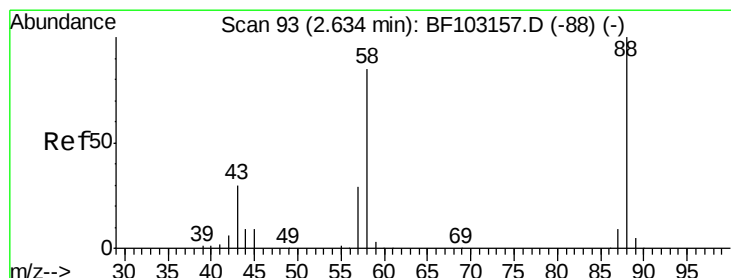
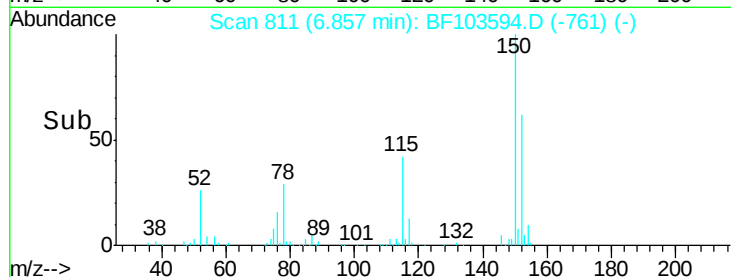
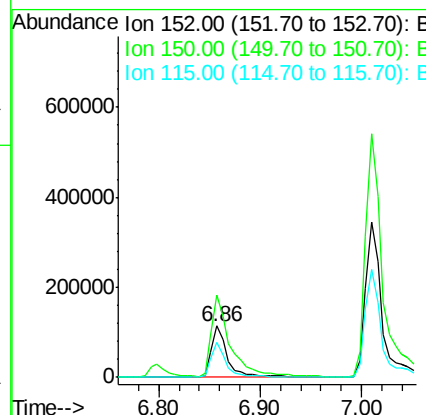
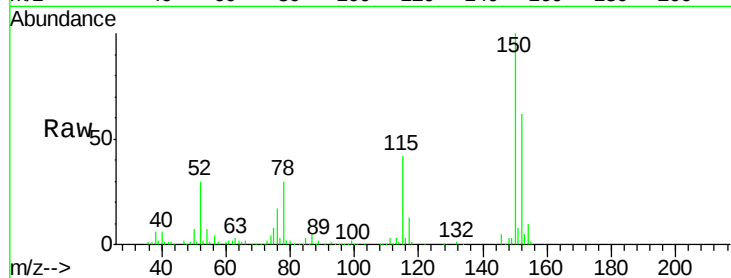
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	67.9	50.1	75.1

Manual Integrations
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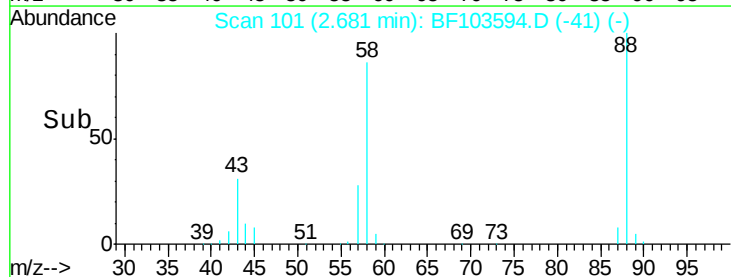
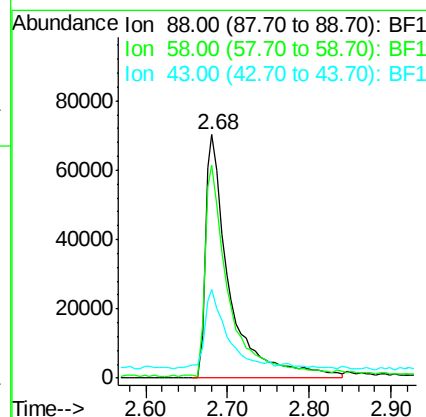
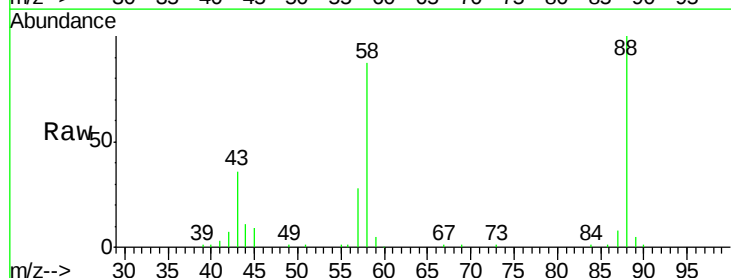
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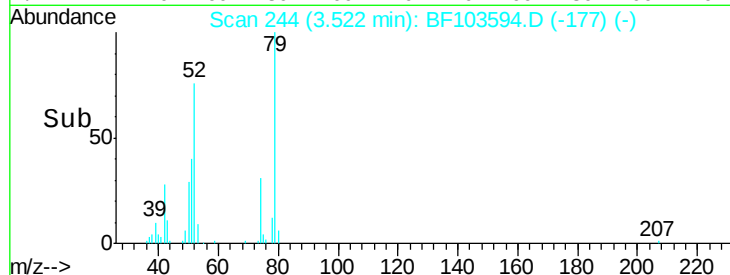
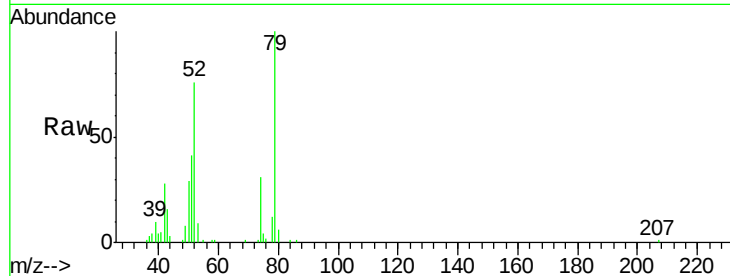
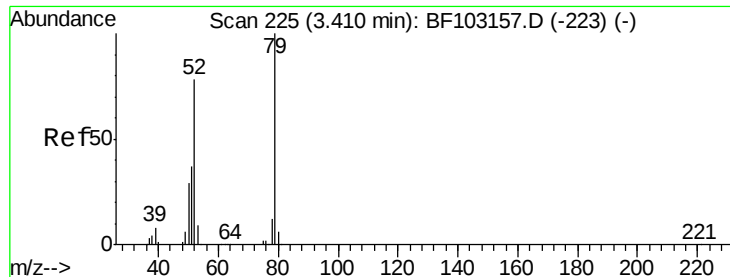


#2

1,4-Dioxane
Concen: 31.98 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	62.6	93.8
43	29.8	24.6	37.0





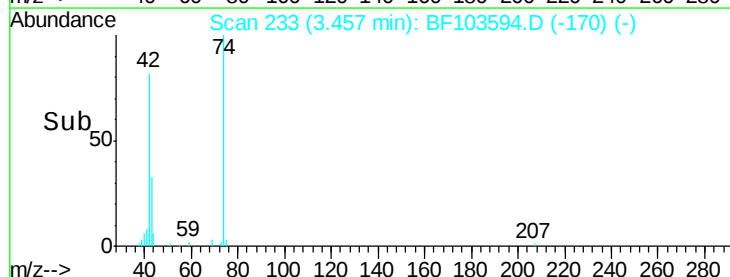
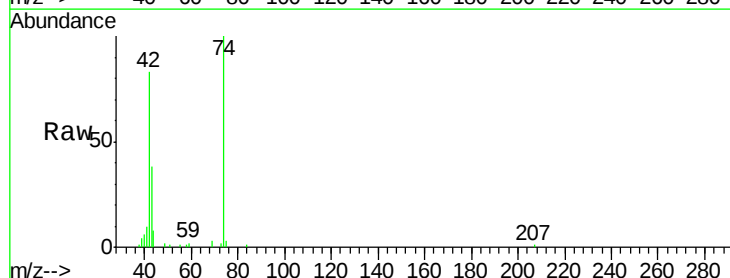
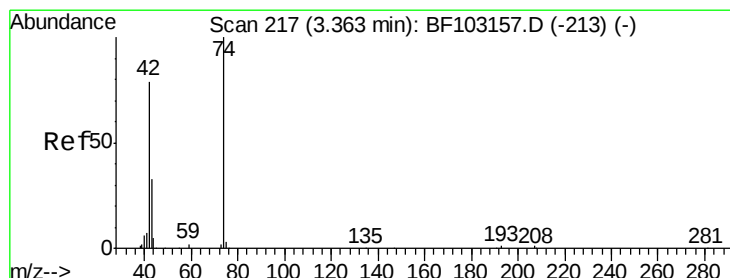
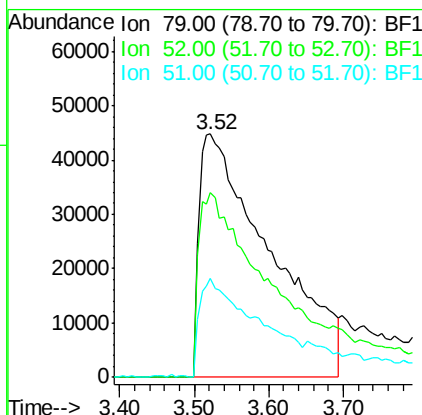
#3
 Pvridine
 Concen: 24.61 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.09 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	295833		
52	52	75.7		59.8	89.6
51	51	40.5		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

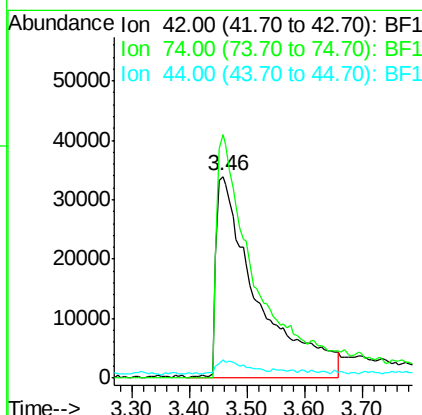
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 34.63 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.07 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	167864		
74	74	120.8		104.9	157.3
44	44	9.2		6.9	10.3





#5

2-Fluorophenol

Concen: 121.61 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

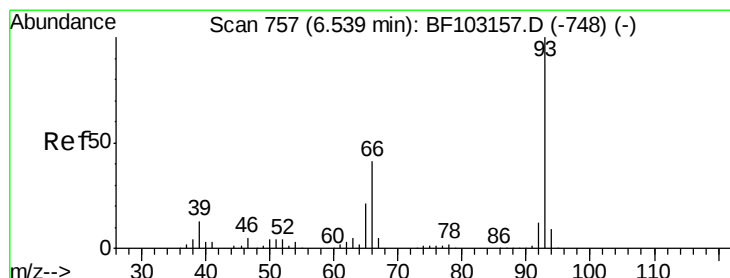
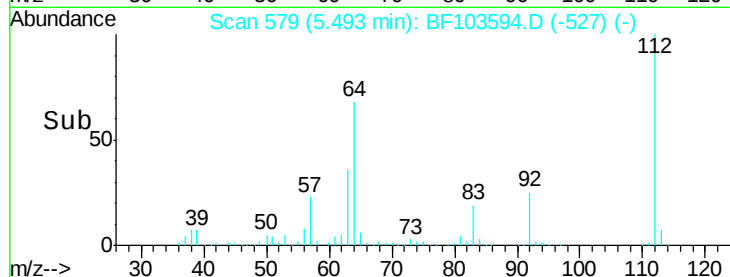
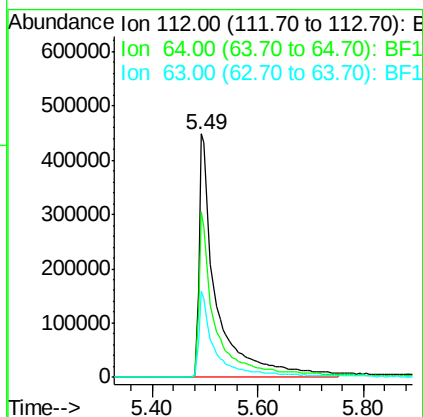
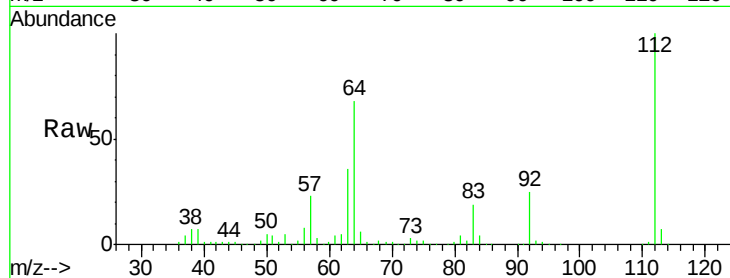
ClientSampleId :

PB107245BS

Tot Ion:	112	Resp:	1036711
Ion Ratio	Lower	Upper	
112	100		
64	68.2	47.9	71.9
63	35.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 17.83 ng

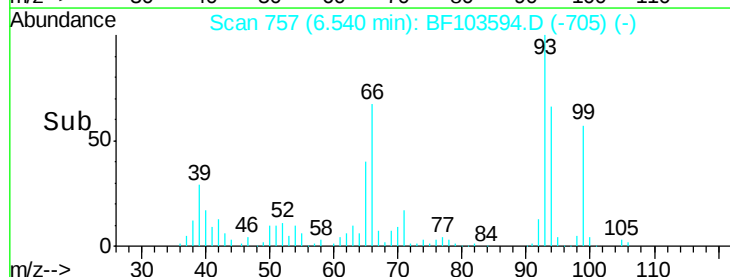
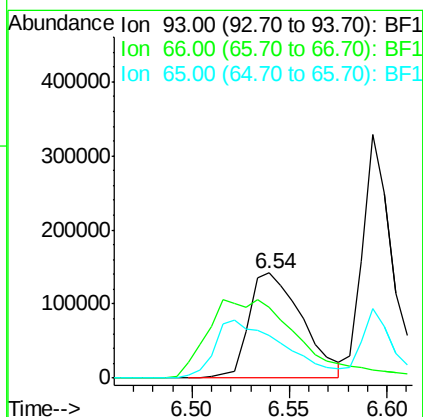
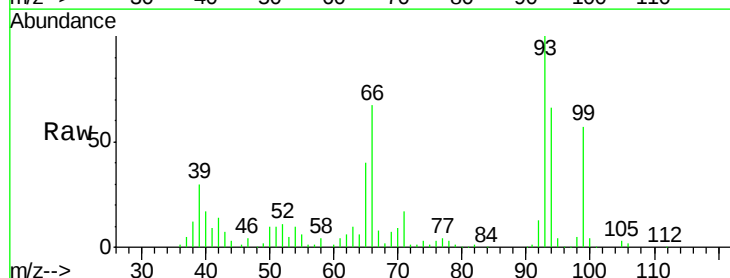
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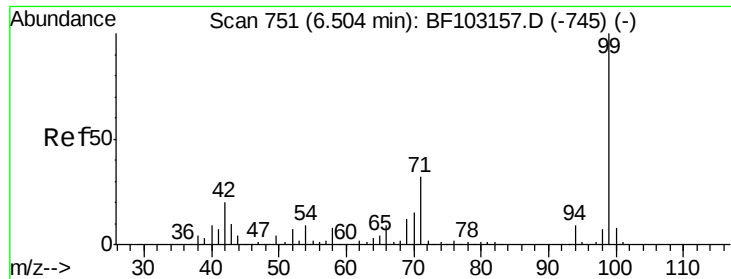
Delta R.T. 0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	93	Resp:	268383
Ion Ratio	Lower	Upper	
93	100		
66	67.5	32.2	48.2
65	40.3	16.4	24.6





#7

Phenol-d6

Concen: 112.84 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

ClientSampled :

PB107245BS

Tot Ion: 99 Resp: 1177016

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

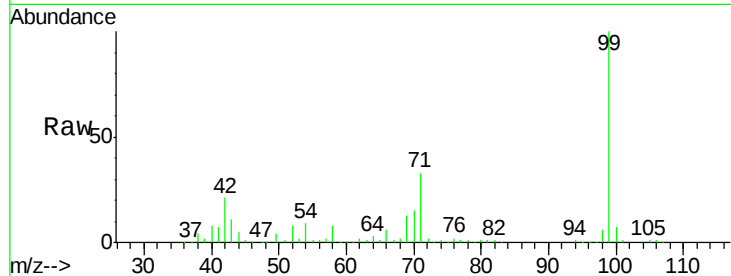
71 33.2 25.4 38.0

Manual Integrations

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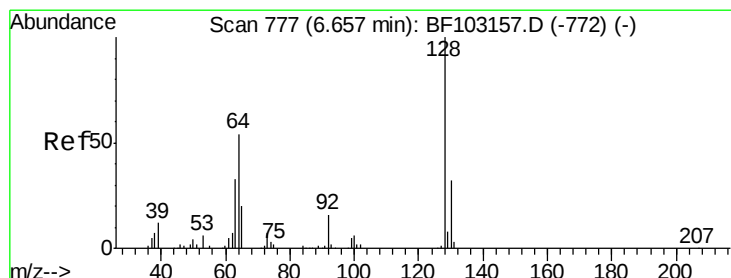
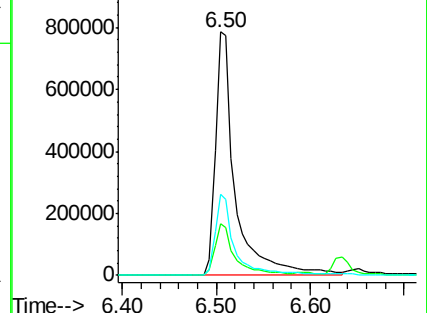
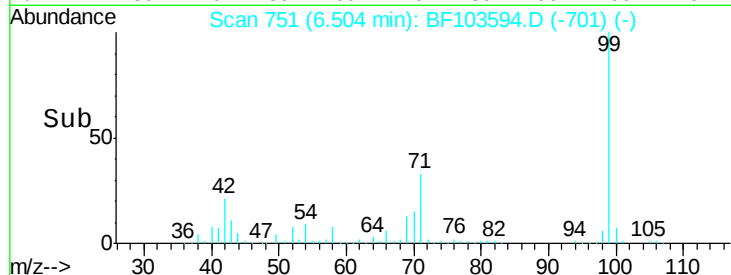
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.78 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

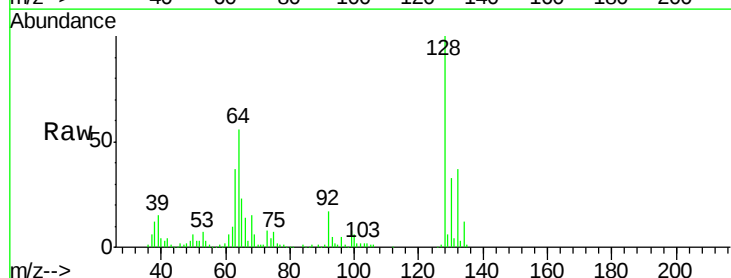
Tgt Ion:128 Resp: 361101

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

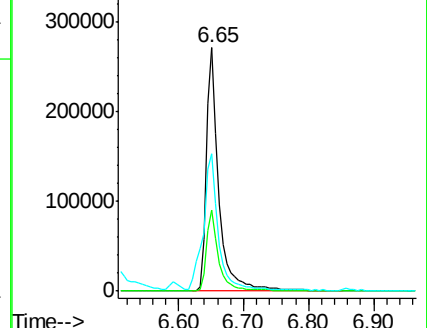
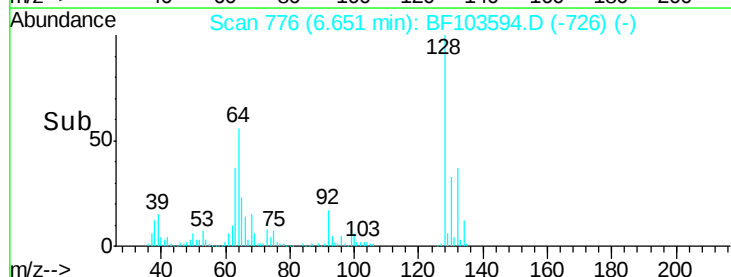
64 56.4 29.4 69.4

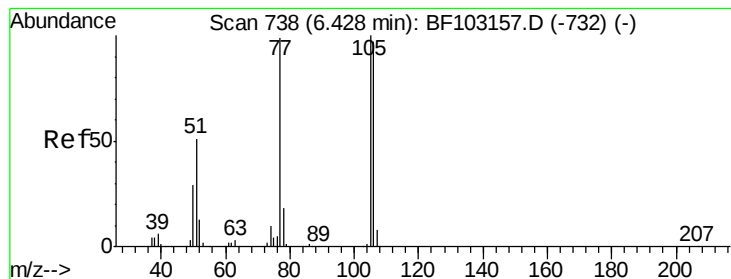


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.52 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

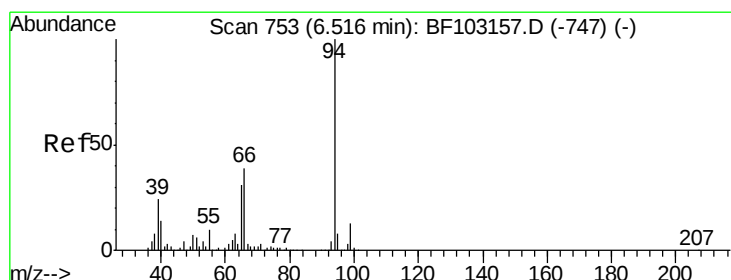
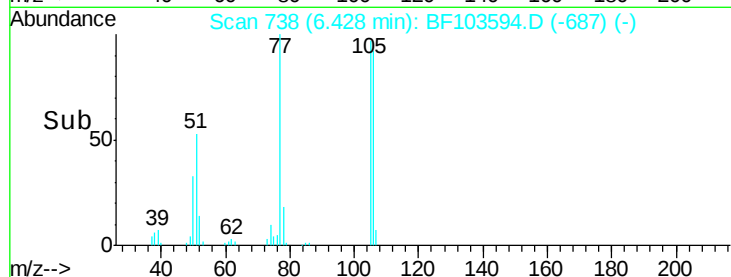
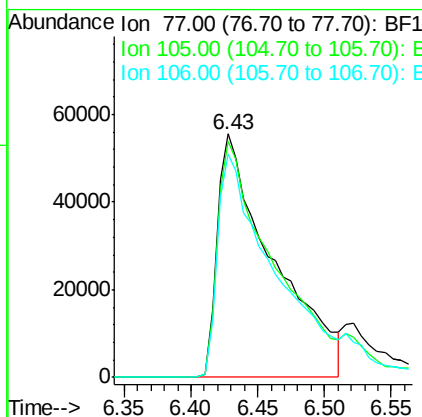
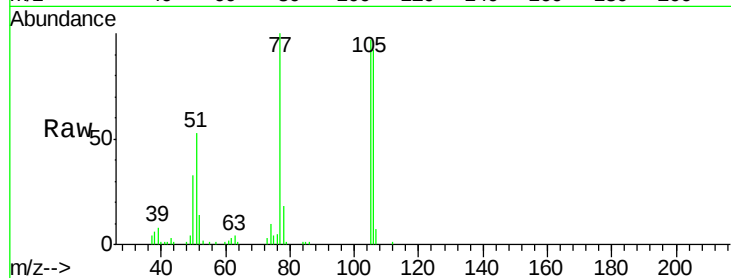
ClientSampleId :

PB107245BS

Tot Ion:	77	Resp:	161921
Ion Ratio	Lower	Upper	
77	100		
105	97.1	81.1	121.1
106	91.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.79 ng

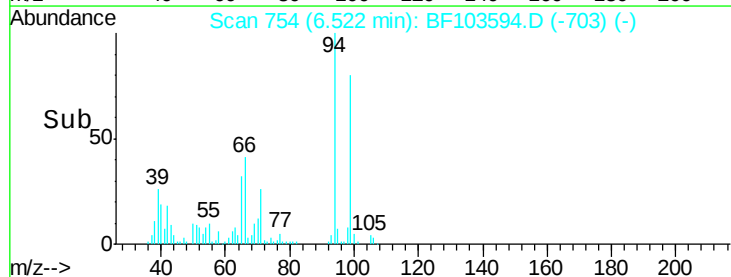
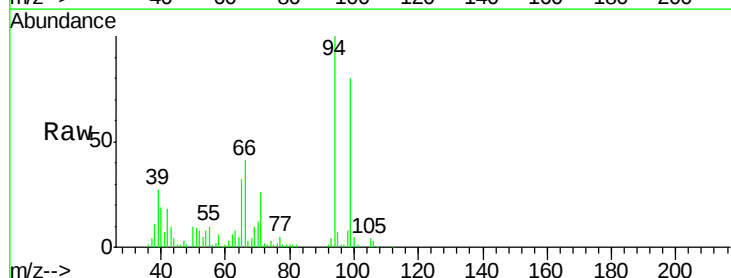
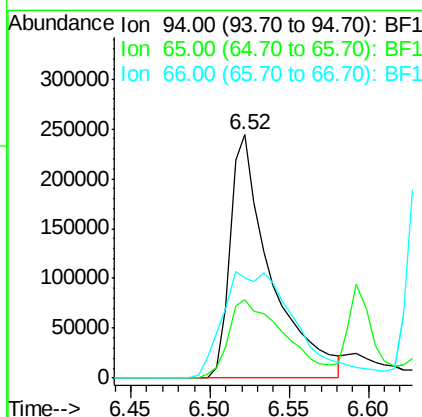
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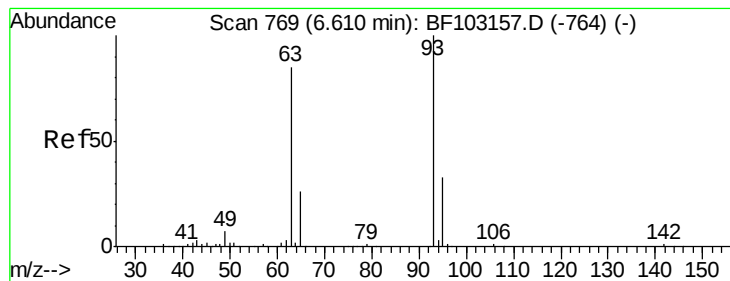
Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	94	Resp:	433364
Ion Ratio	Lower	Upper	
94	100		
65	32.1	7.9	47.9
66	41.2	16.2	56.2





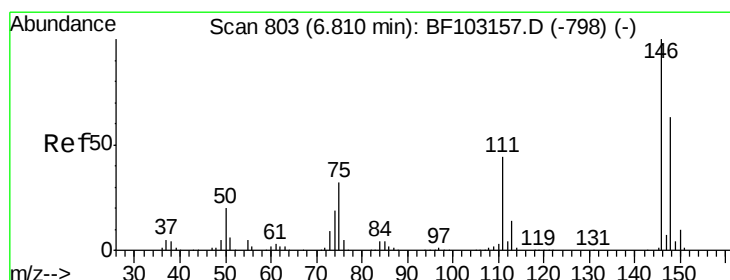
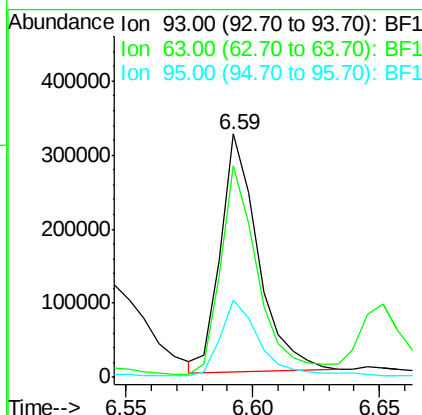
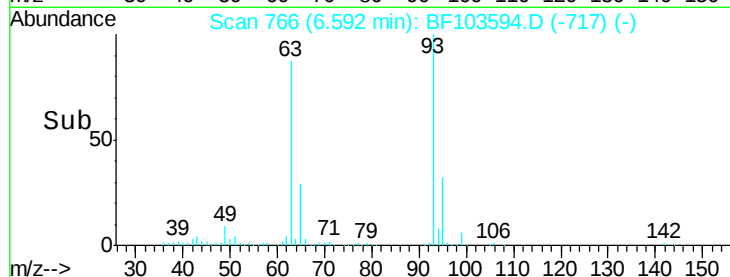
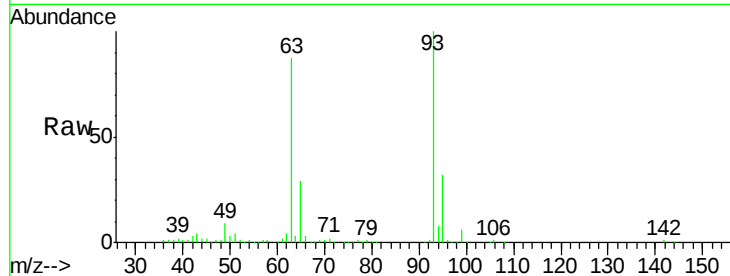
#11
bis(2-Chloroethyl)ether
Concen: 35.79 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.7	58.6	98.6
95	31.7	11.8	51.8

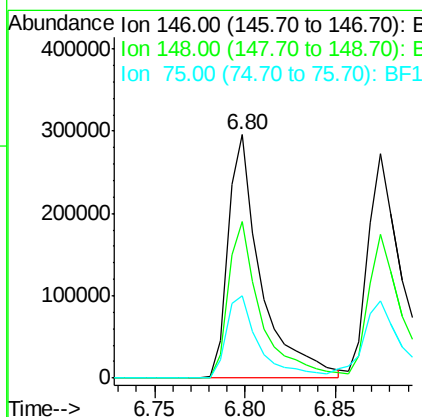
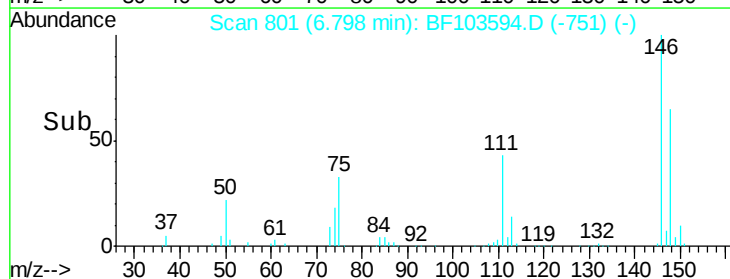
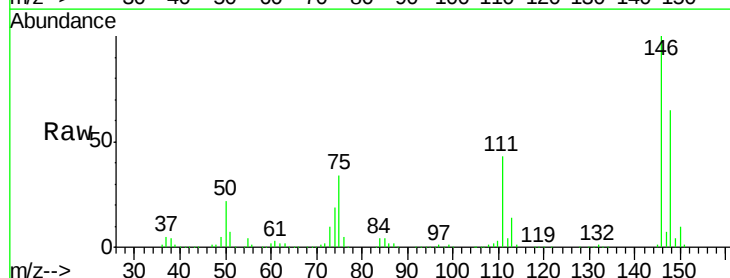
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 36.83 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	33.8	24.2	36.4





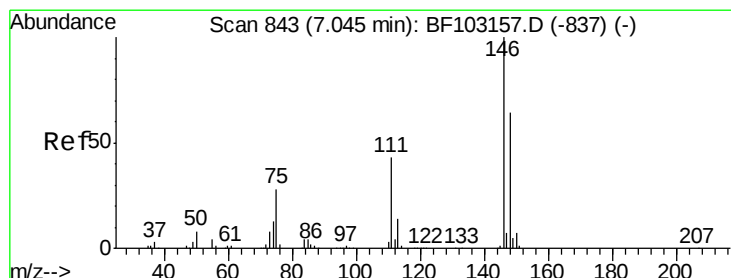
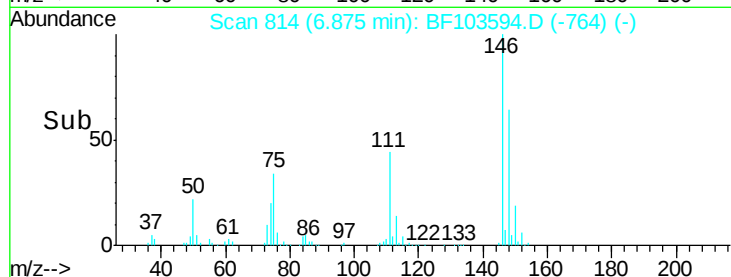
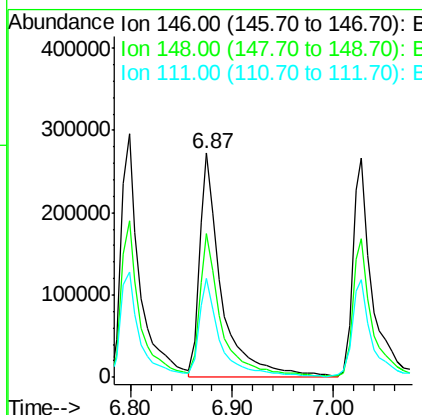
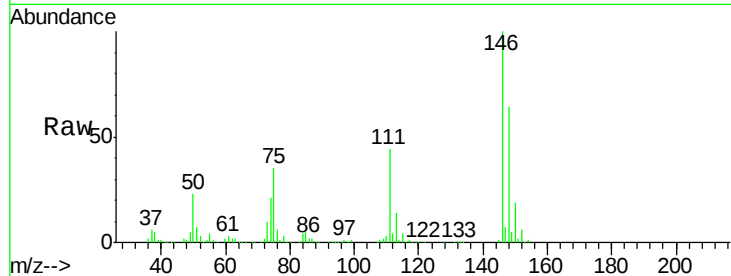
#13
1,4-Dichlorobenzene
Concen: 39.75 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	44.2	34.2	51.2

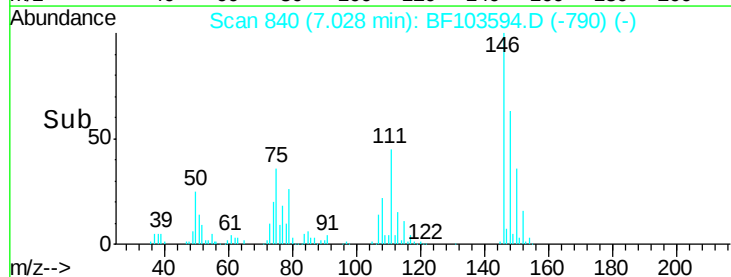
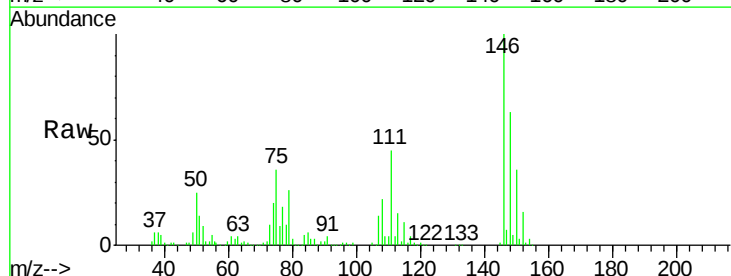
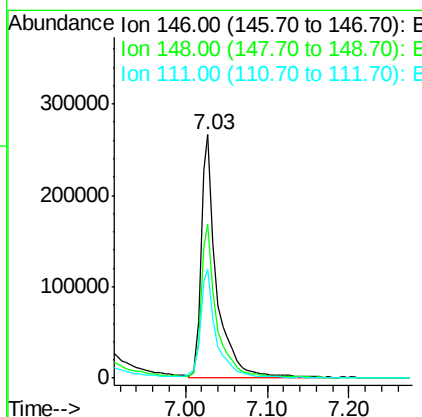
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 37.53 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.37 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

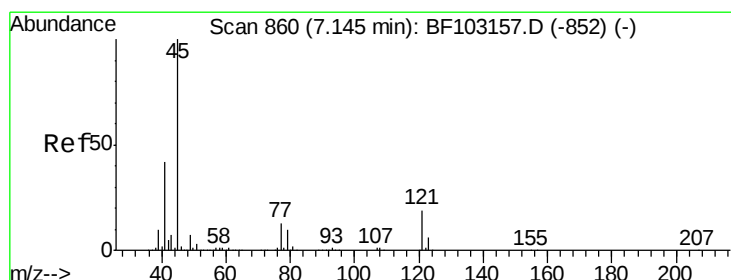
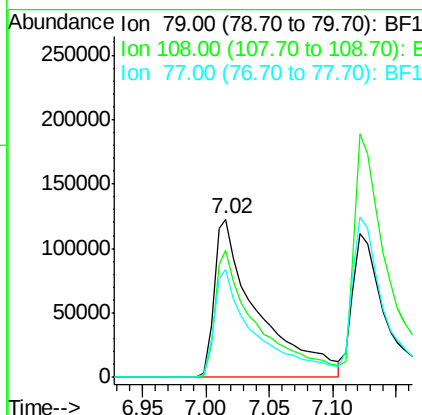
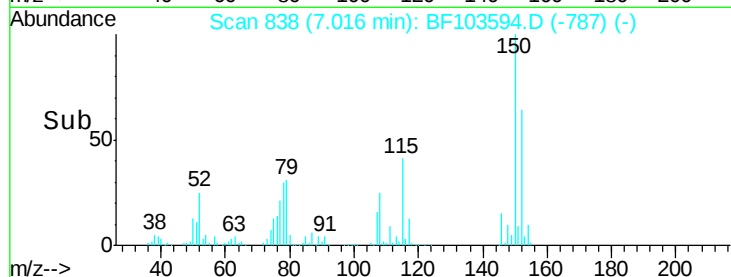
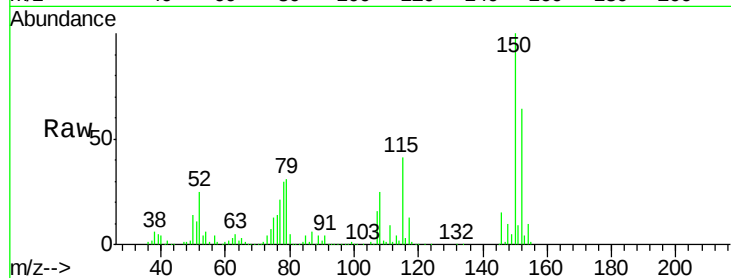
ClientSampled :

PB107245BS

Tot Ion:	79	Resp:	293753
Ion Ratio	Lower	Upper	
79	100		
108	80.6	65.1	97.7
77	68.4	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.41 ng

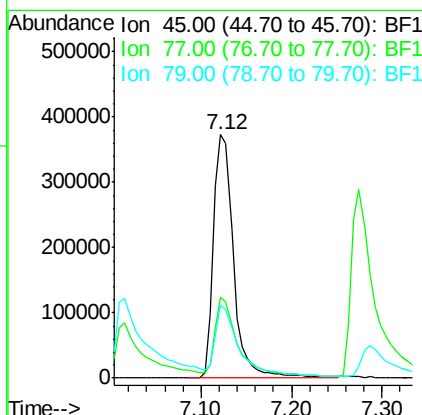
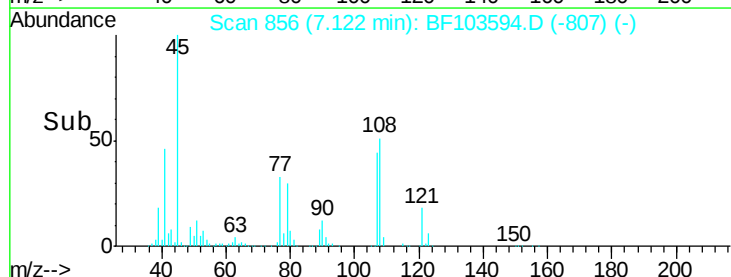
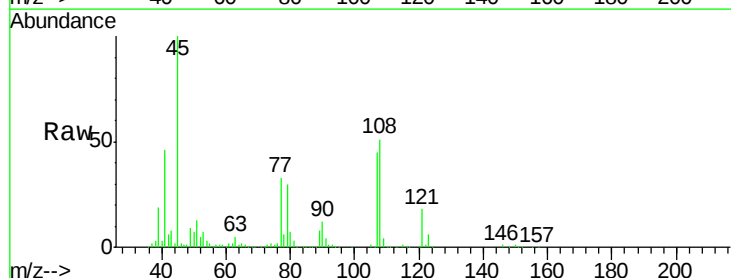
RT: 7.12 min Scan# 856

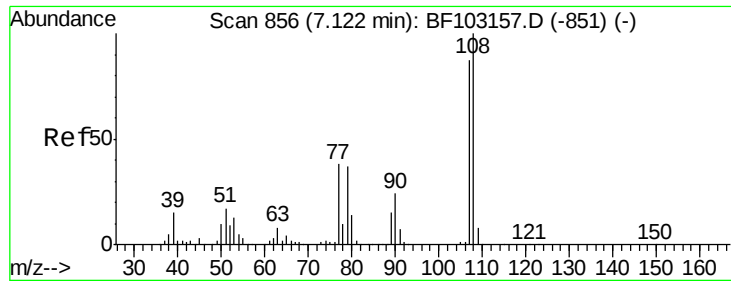
Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	45	Resp:	574581
Ion Ratio	Lower	Upper	
45	100		
77	33.5	0.0	32.9#
79	29.9	0.0	29.6#





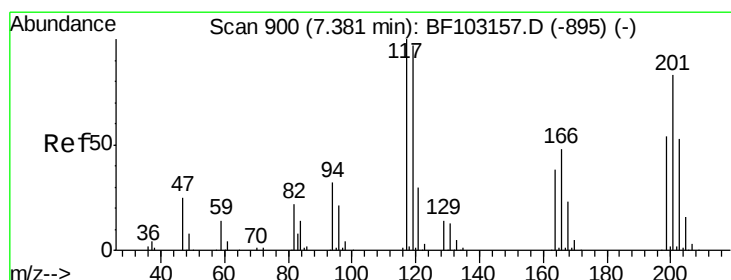
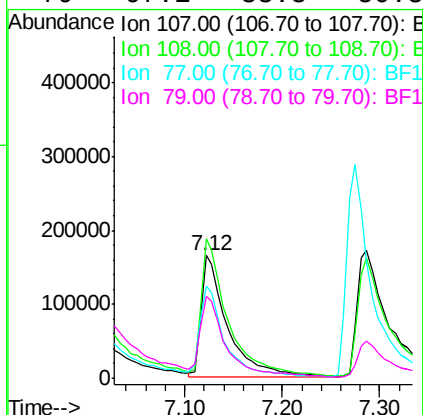
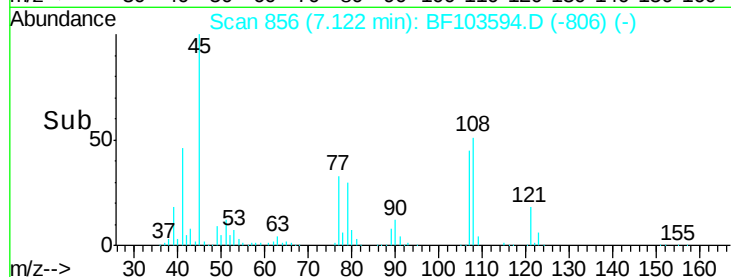
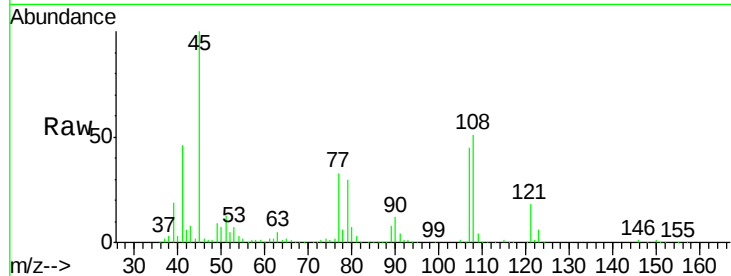
#17
2-Methylphenol
Concen: 37.68 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampled :
PB107245BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	75.2	33.8	50.8#
79	67.1	33.8	50.8#

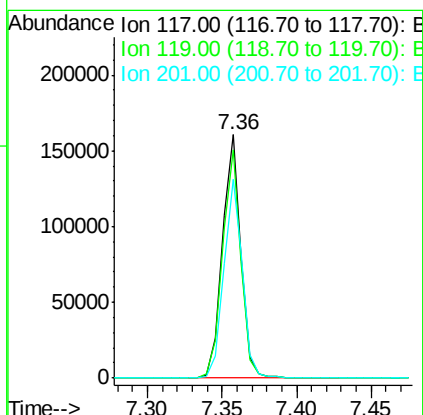
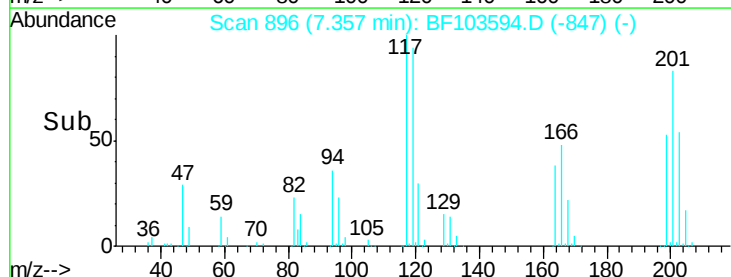
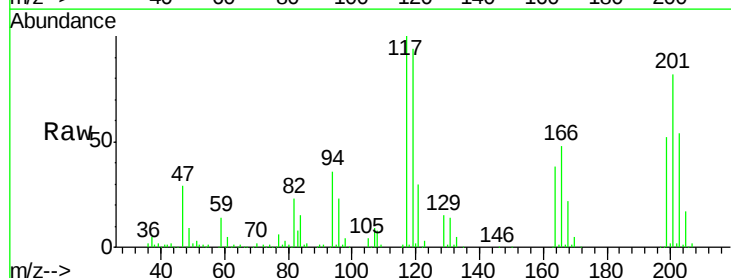
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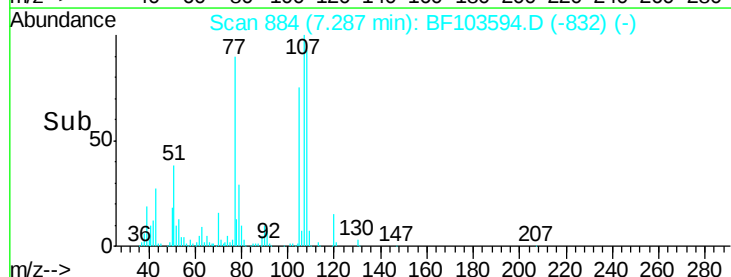
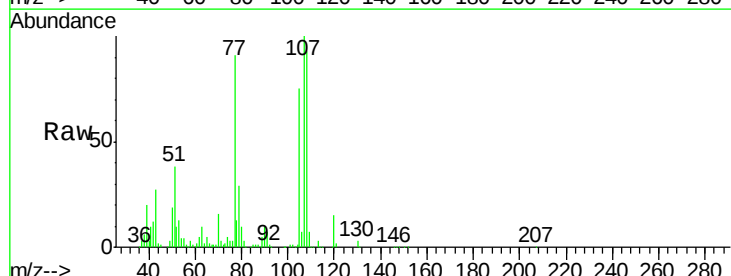
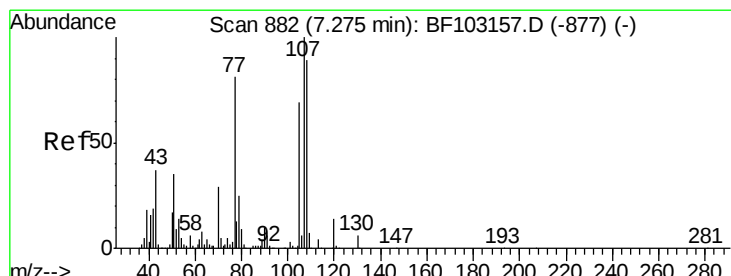
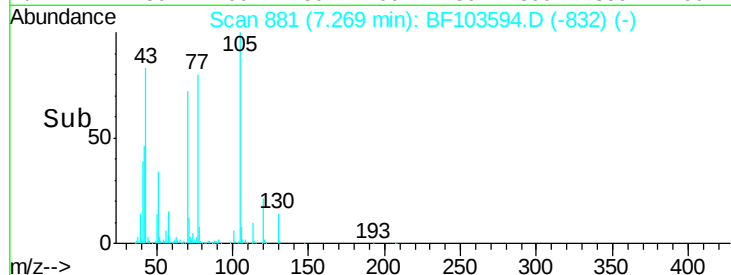
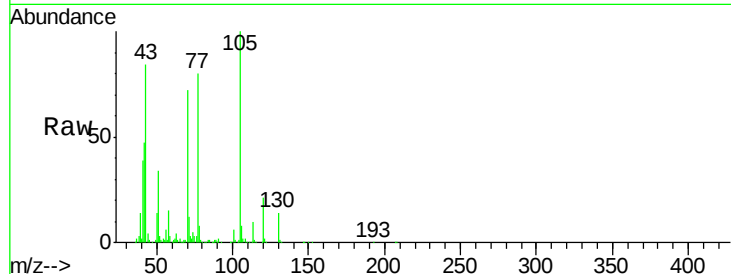
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#18
Hexachloroethane
Concen: 38.15 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	81.9	75.7	113.5





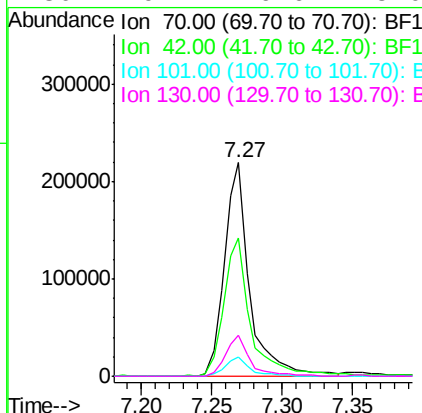
#19
n-Nitroso-di-n-propylamine
Concen: 41.93 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.5	71.3
101	9.0	7.4	11.2
130	19.4	16.6	25.0

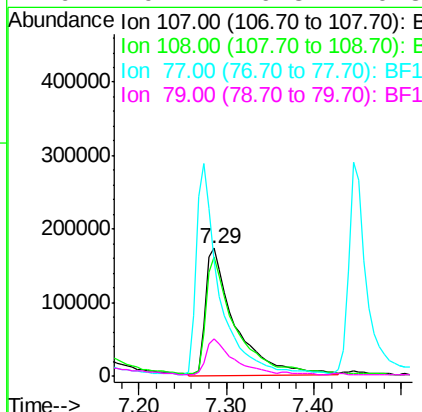
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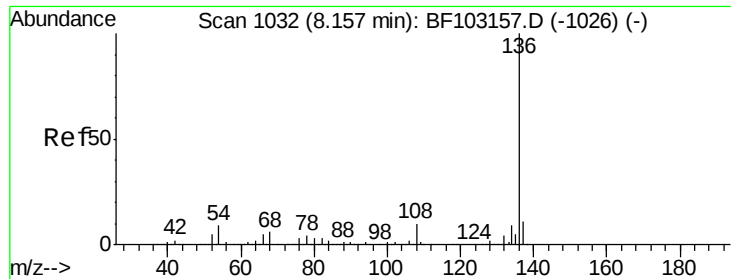
Sohil
3/13/2018 4:13:27 PM



#20
3+4-Methylphenols
Concen: 41.86 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	90.5	26.7	66.7#
79	29.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

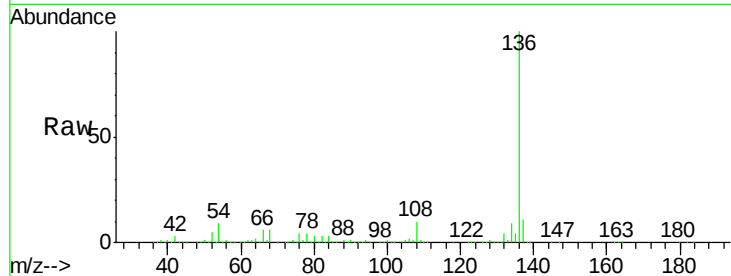
ClientSampleId :

PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		550241		
137	10.9		8.9	13.3	
54	9.2		6.6	9.8	
68	6.5		5.0	7.4	

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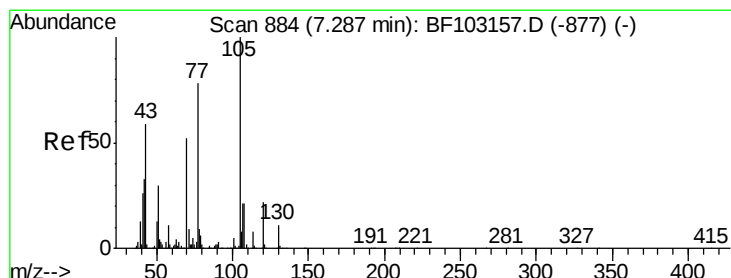
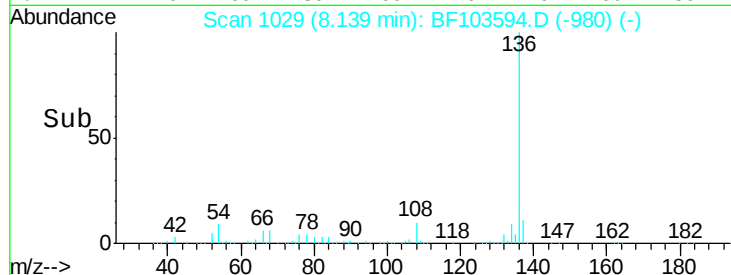
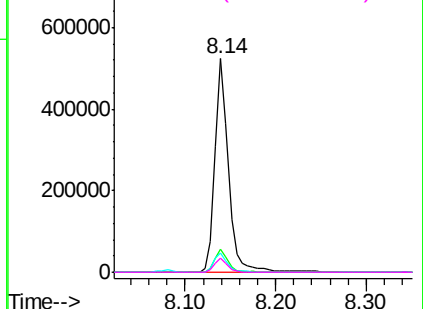


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.09 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

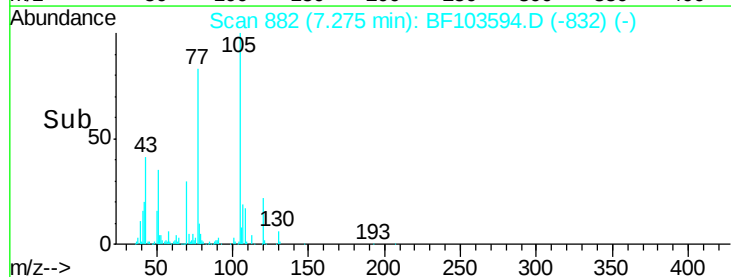
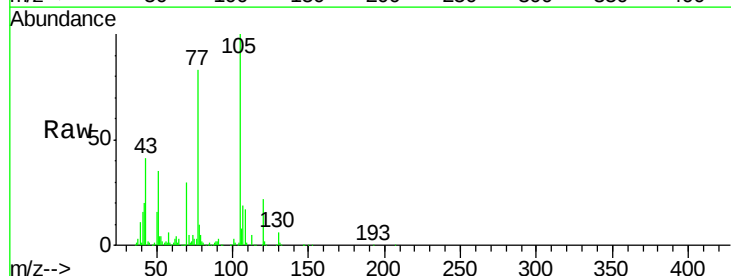
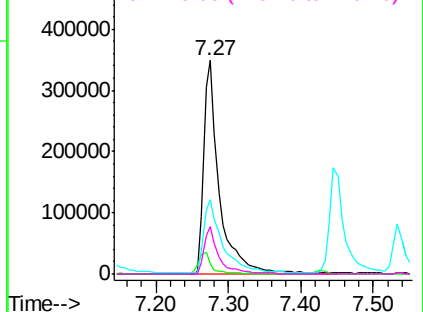
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		527763		
71	4.8		4.4	6.6	
51	34.9		22.3	33.5#	
120	22.2		16.9	25.3	

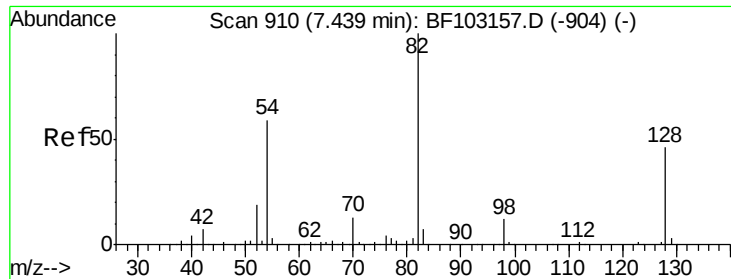
Abundance Ion 105.00 (104.70 to 105.70): E

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





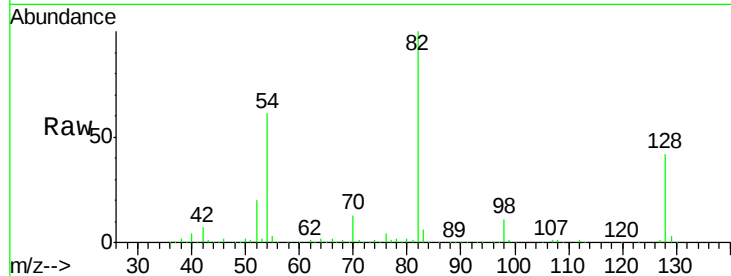
#23
Nitrobenzene-d5
Concen: 79.80 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

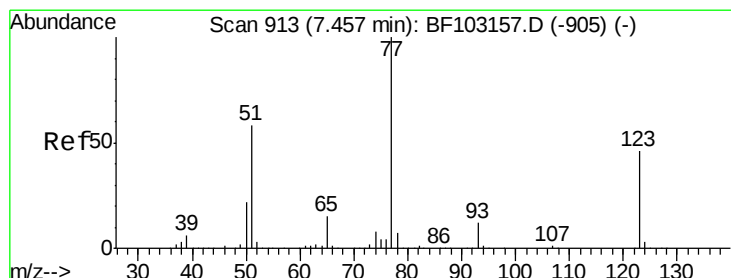
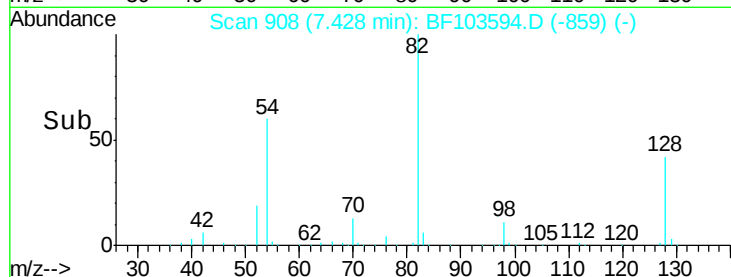
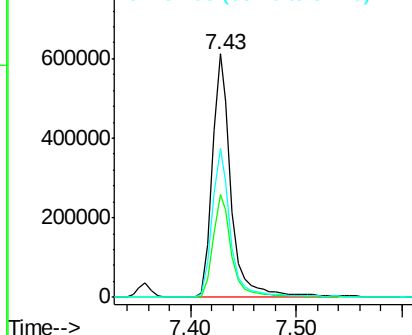
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	61.1	41.4	62.2

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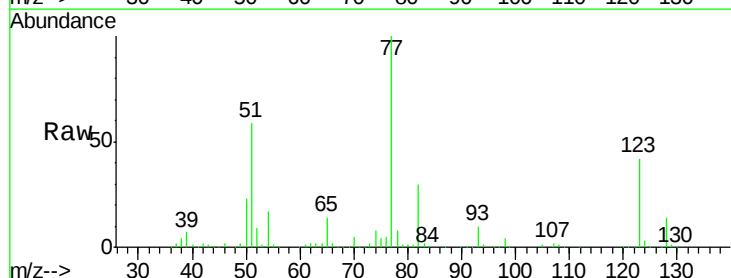


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

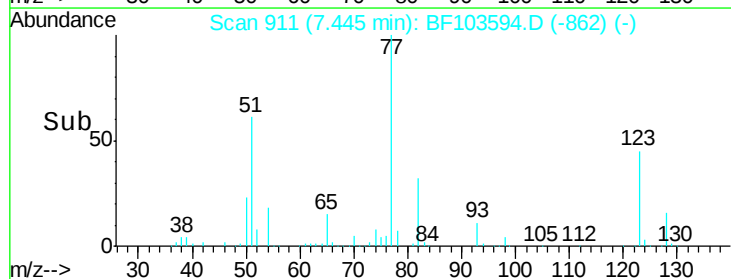
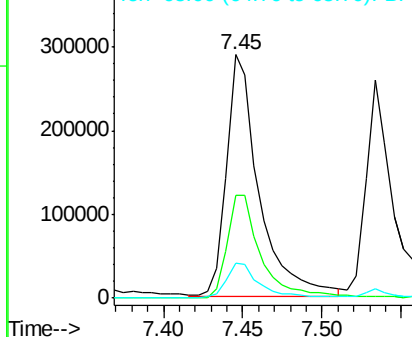


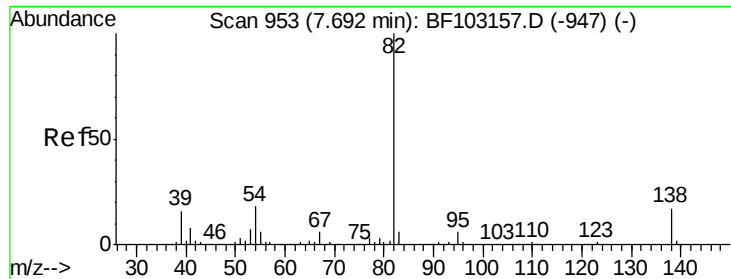
#24
Nitrobenzene
Concen: 38.67 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	37.9	56.9
65	14.3	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: 40.79 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

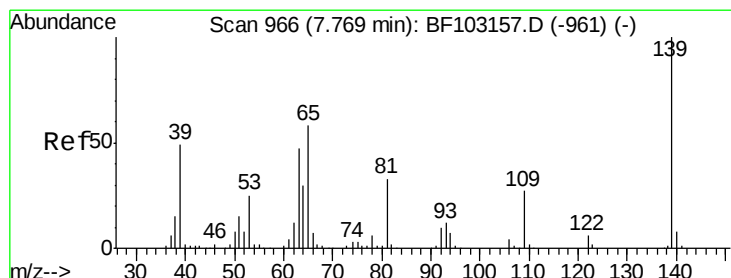
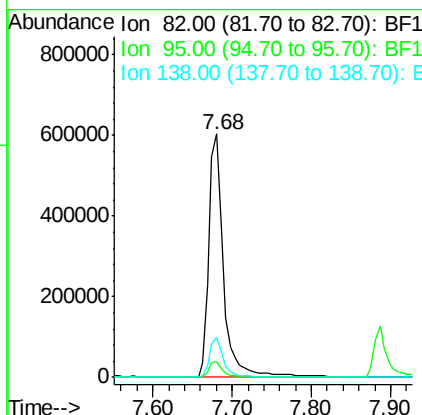
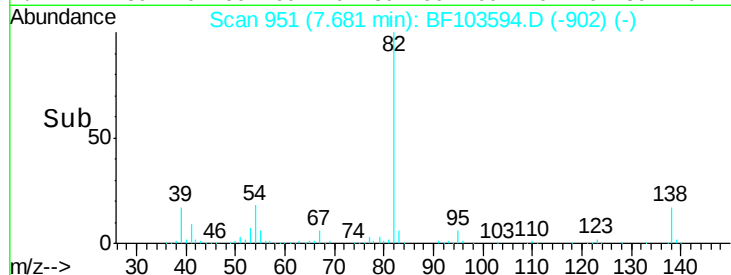
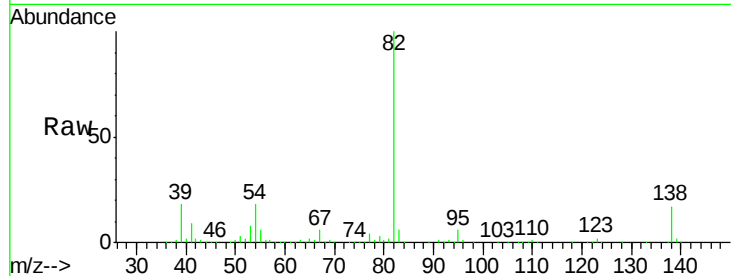
ClientSampleId :

PB107245BS

Tot Ion:	82	Resp:	774070
Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	16.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.85 ng

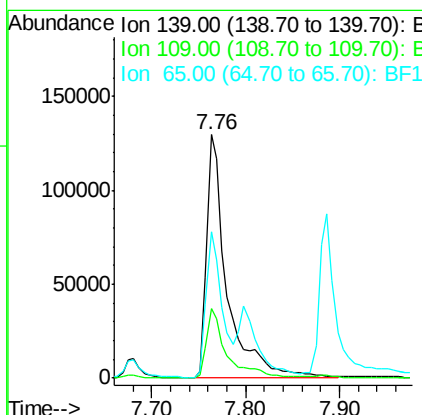
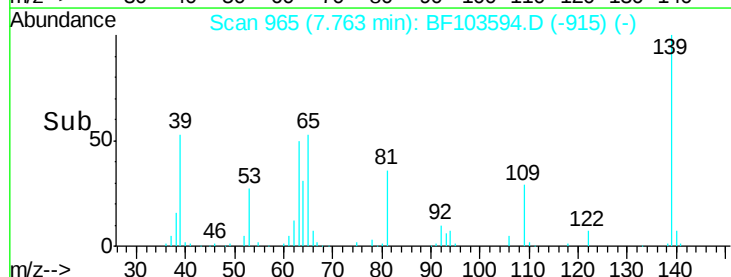
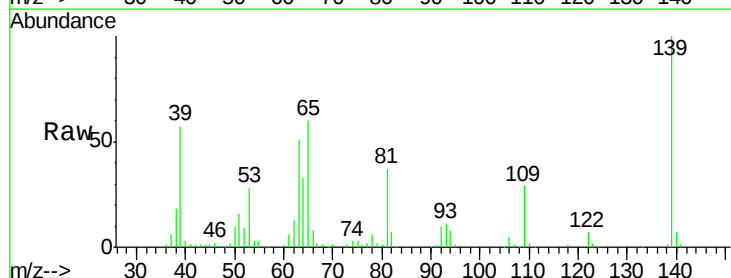
RT: 7.76 min Scan# 965

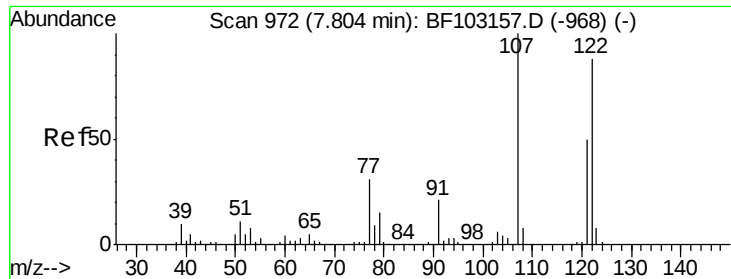
Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	139	Resp:	198989
Ion	Ratio	Lower	Upper
139	100		
109	28.6	22.7	34.1
65	59.9	40.5	60.7





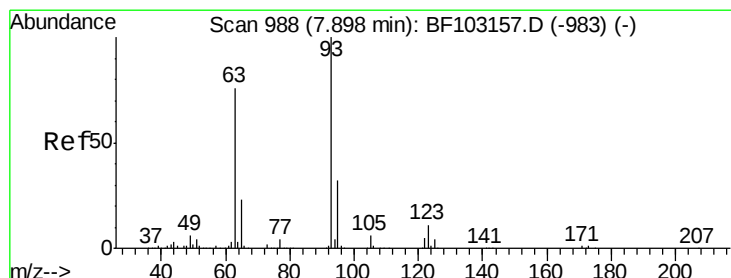
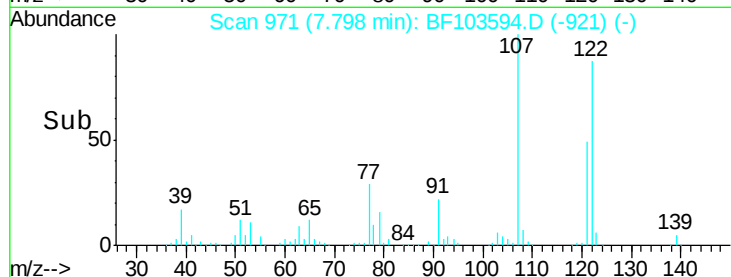
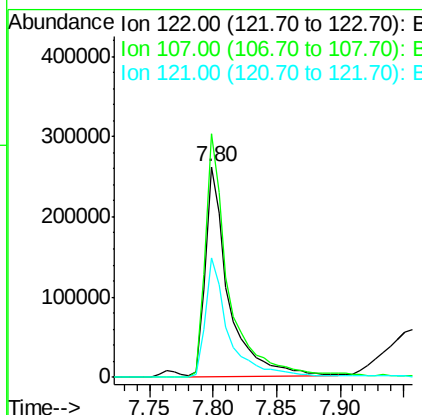
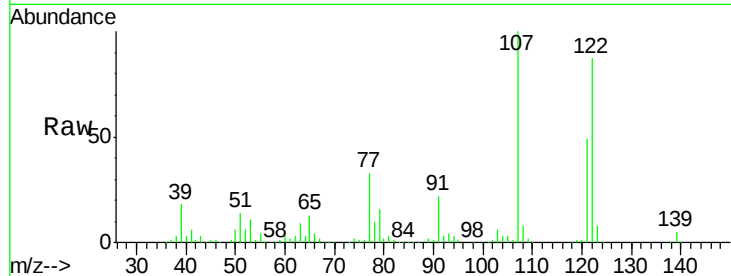
#27
2,4-Dimethylphenol
Concen: 43.78 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	334155		
107	115.6	91.2	136.8	
121	56.7	47.2	70.8	

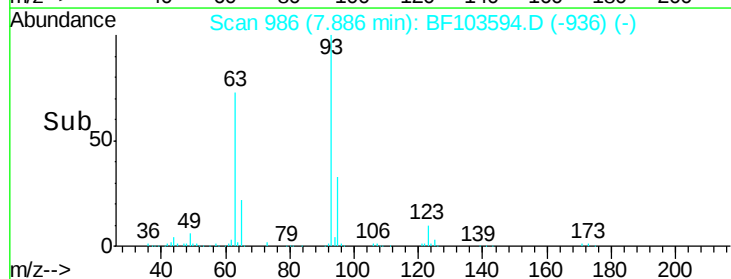
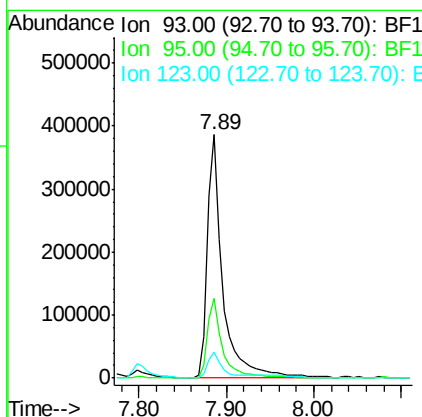
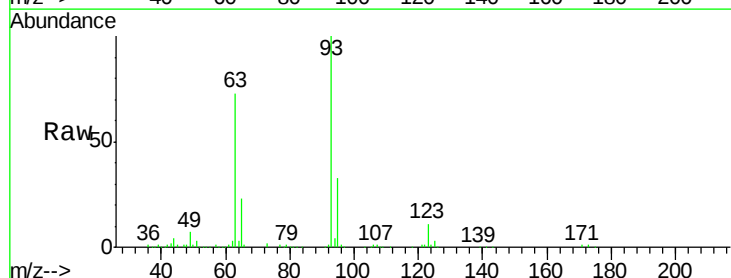
Manual Integrations
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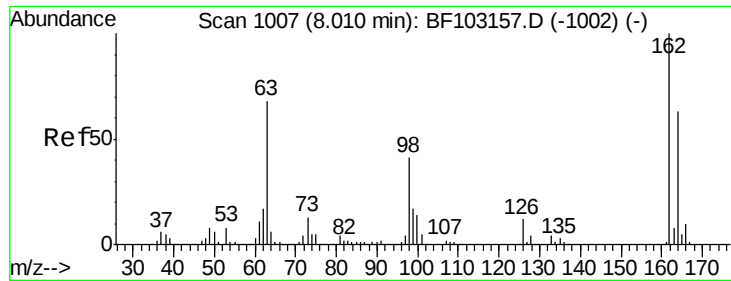
Sohil
3/13/2018 4:13:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.21 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	470933		
95	32.9	26.3	39.5	
123	10.6	9.8	14.6	





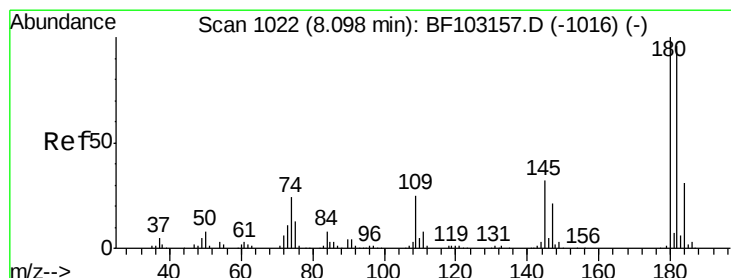
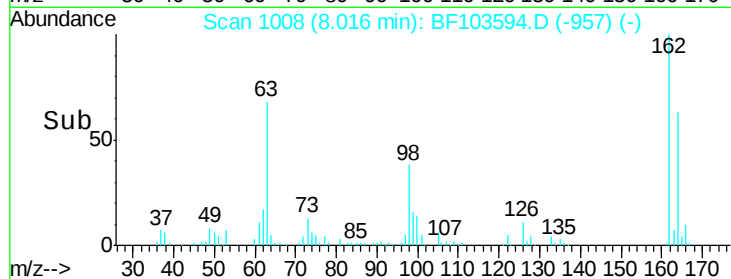
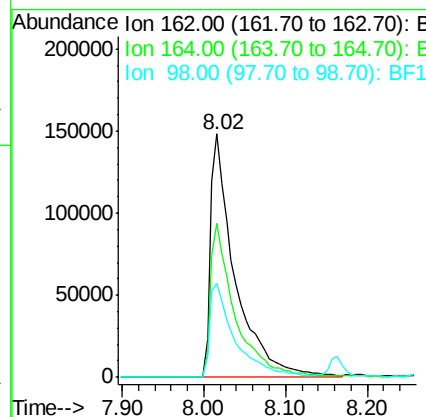
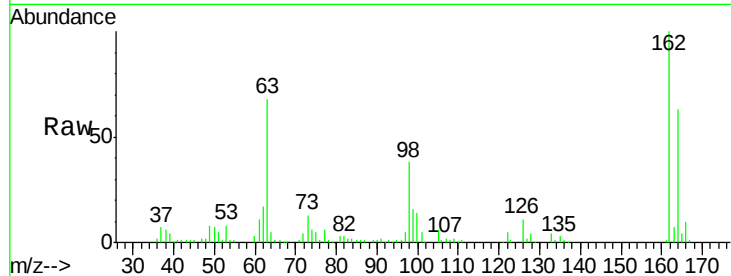
#29
2,4-Dichlorophenol
Concen: 42.10 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307660		
164	63.1	42.7	82.7	
98	38.3	18.1	58.1	

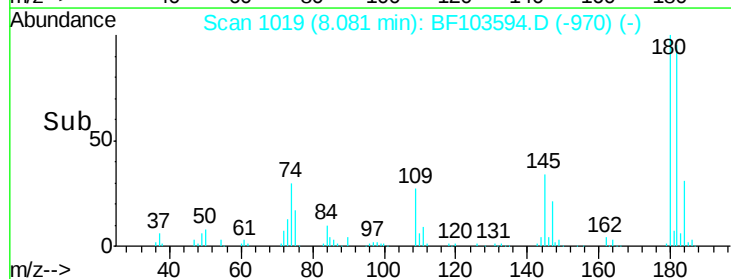
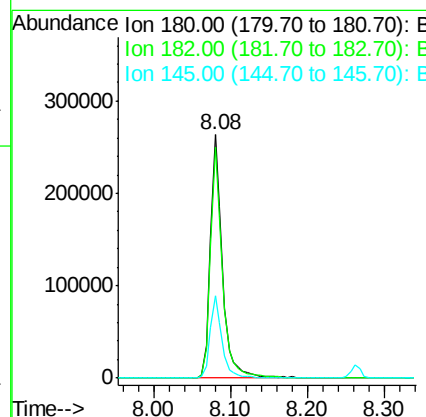
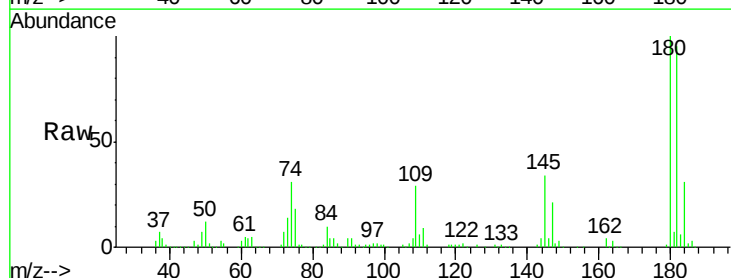
Manual Integrations
APPROVED

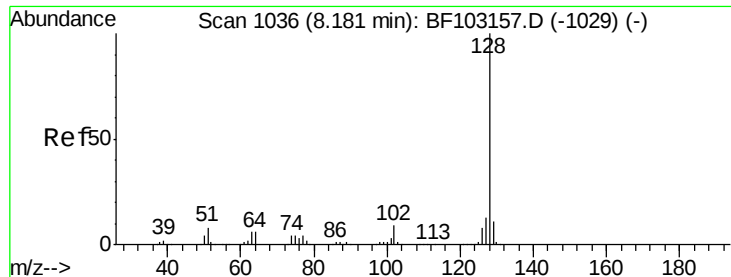
Sohil
3/13/2018 4:13:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.76 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286089		
182	94.9	76.8	115.2	
145	33.7	26.5	39.7	





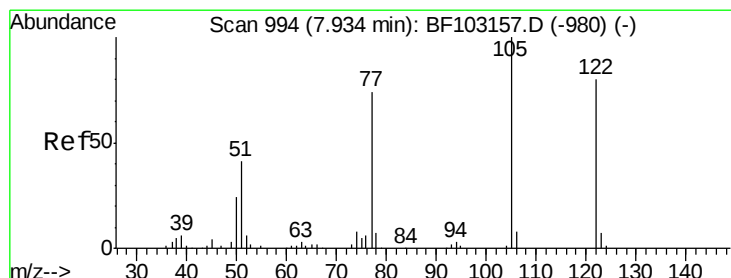
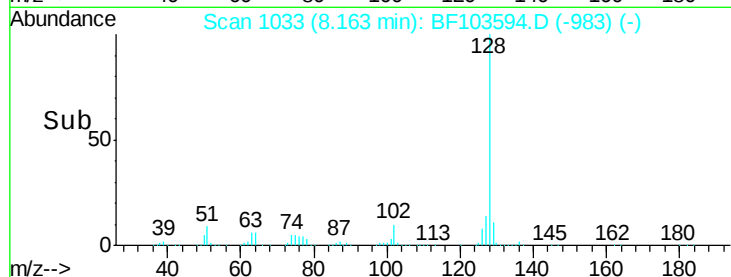
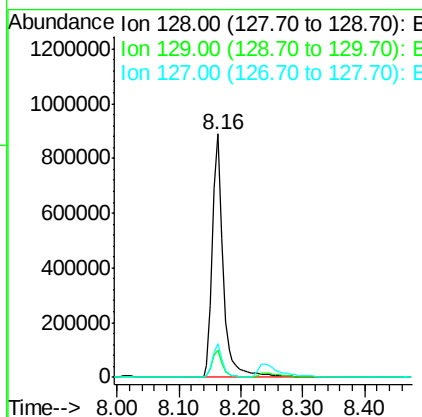
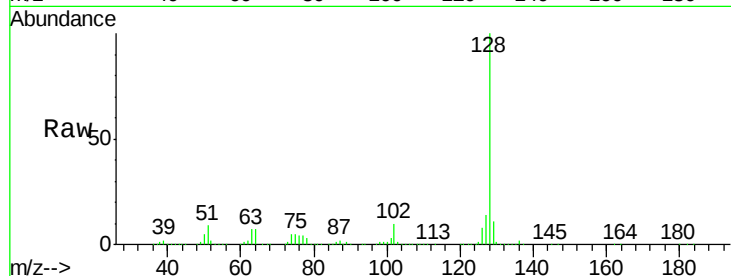
#31
Naphthalene
Concen: 39.33 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3

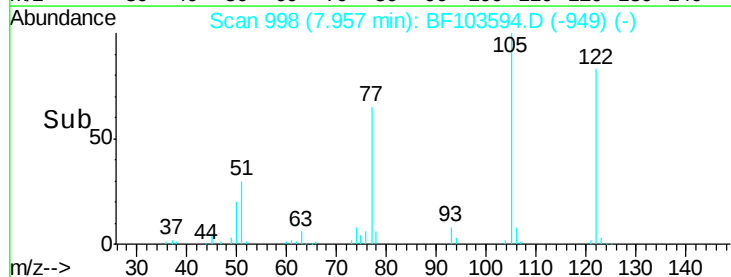
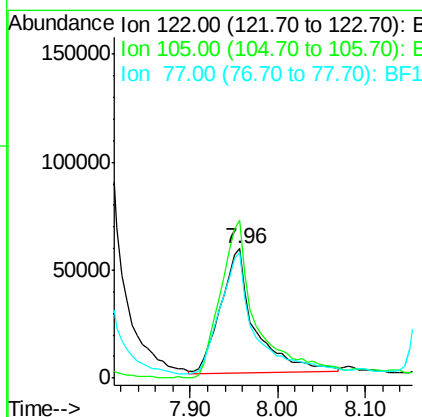
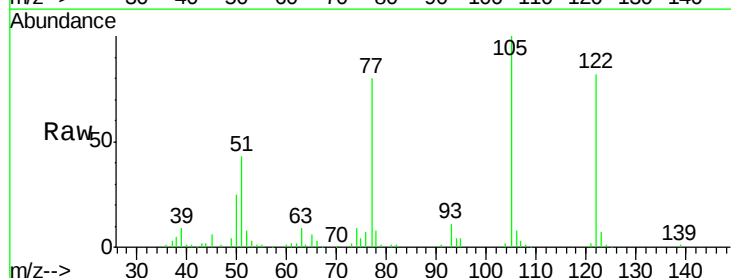
Manual Integrations
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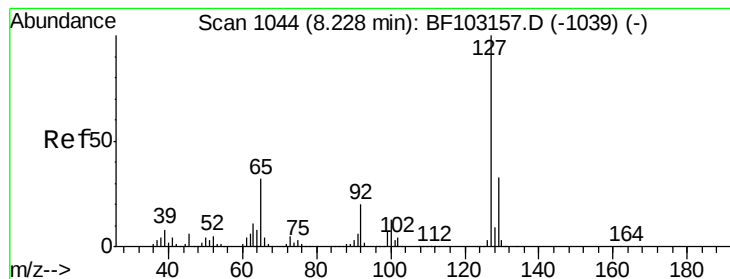
Sohil
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#32
Benzoic acid
Concen: 30.27 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	101.1	141.1
77	96.9	70.7	110.7





#33

4-Chloroaniline

Concen: 10.90 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

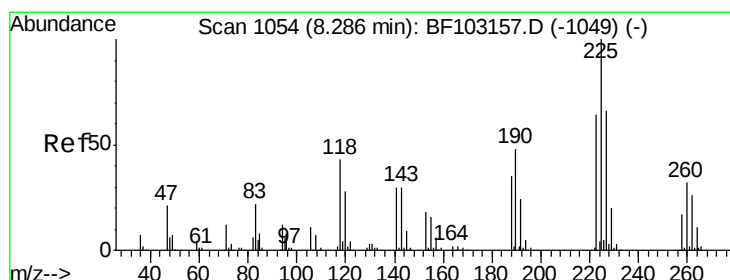
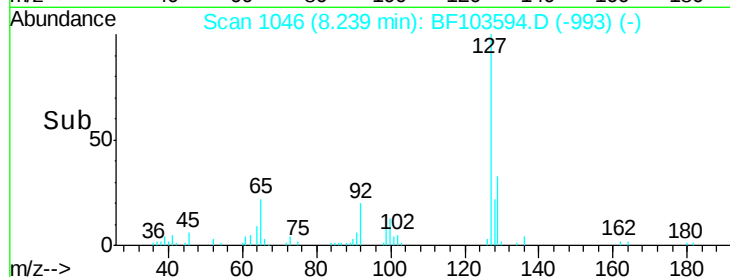
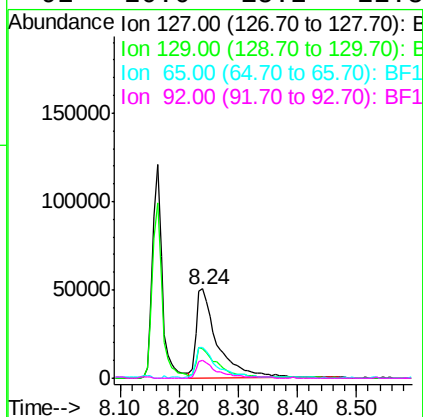
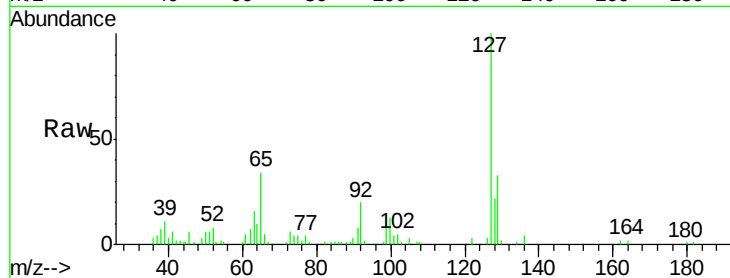
ClientSampleId :

PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	126693		
129	33.0	25.9	38.9	
65	33.9	25.0	37.4	
92	20.0	15.2	22.8	

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#34

Hexachlorobutadiene

Concen: 34.98 ng

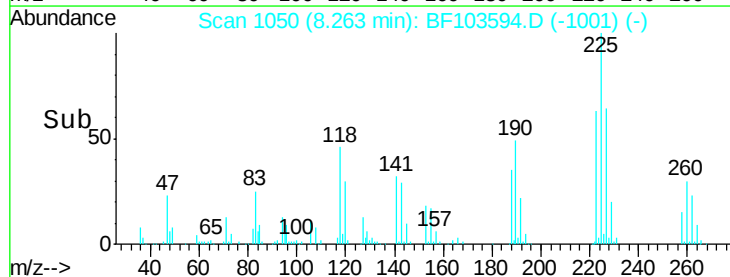
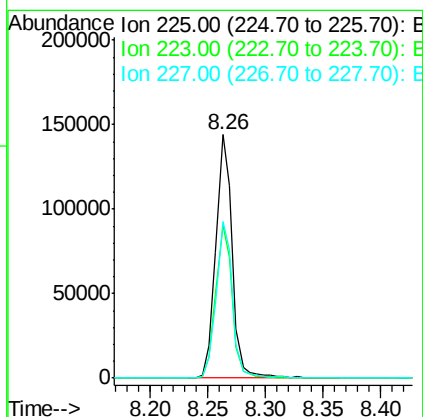
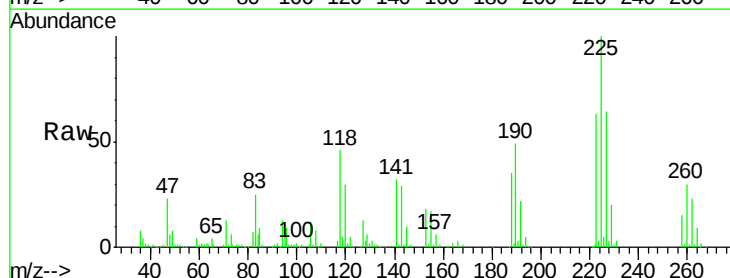
RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141750		
223	62.9	50.6	76.0	
227	64.3	51.9	77.9	





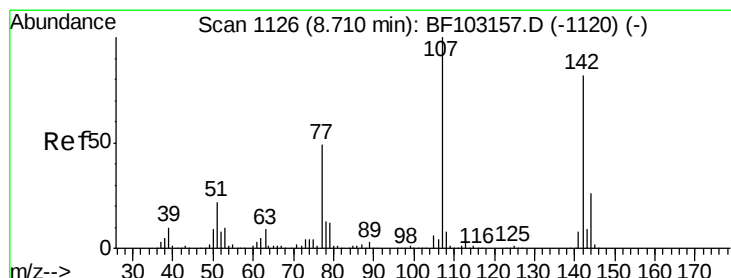
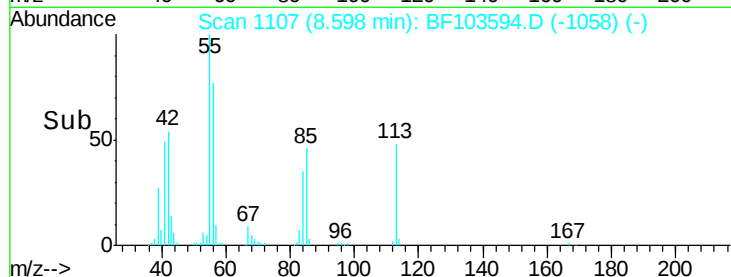
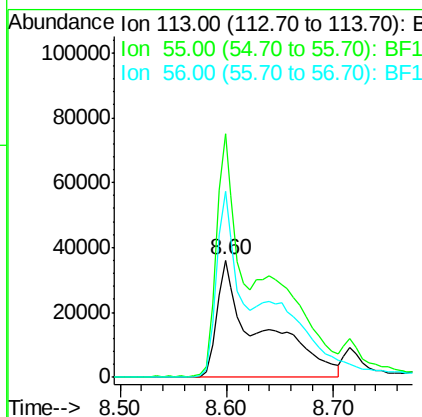
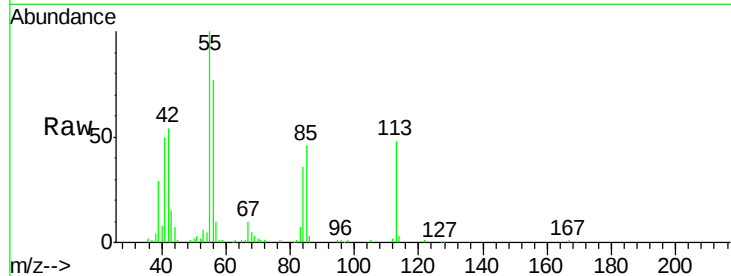
#35
 Caprolactam
 Concen: 39.87 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleID :
 PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	207.8	163.3	203.3#		
56	159.1	115.7	155.7#		

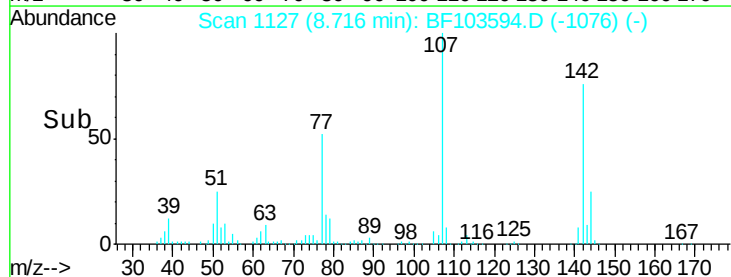
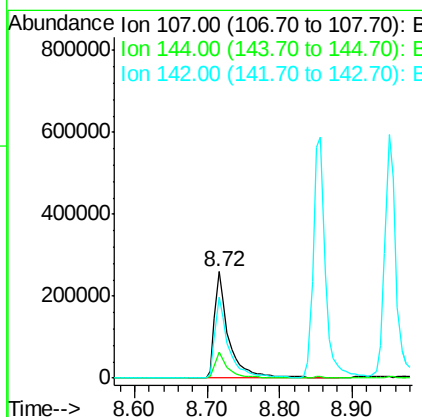
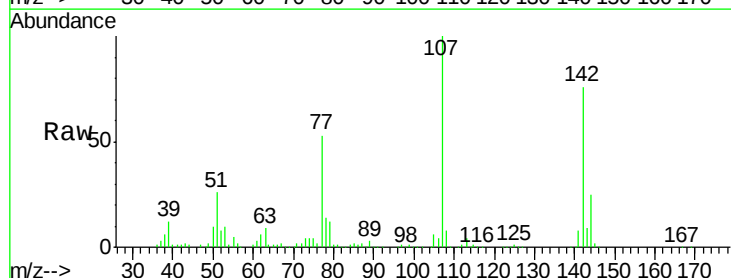
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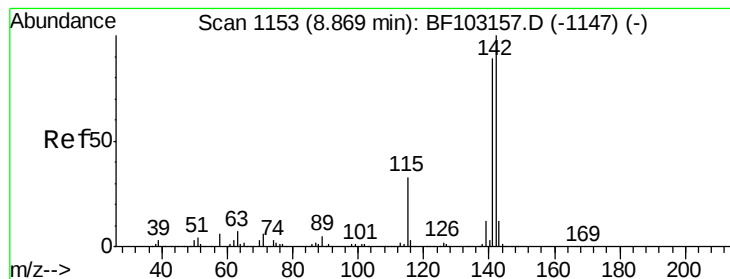
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#36
 4-Chloro-3-methylphenol
 Concen: 42.99 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.6	20.5	30.7		
142	76.1	62.0	93.0		





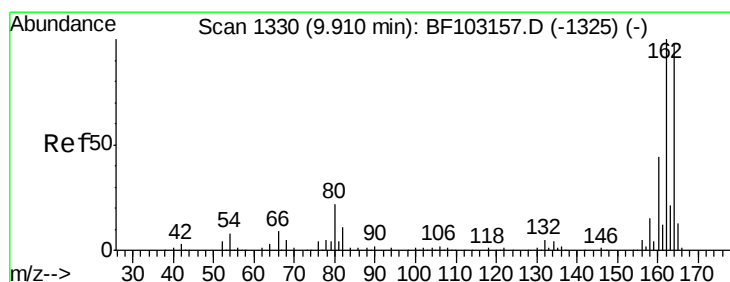
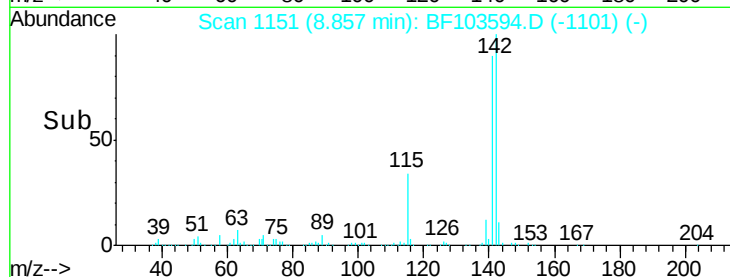
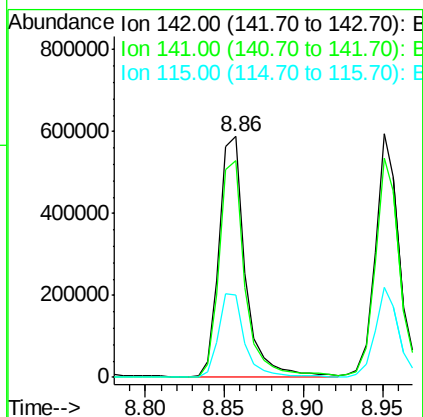
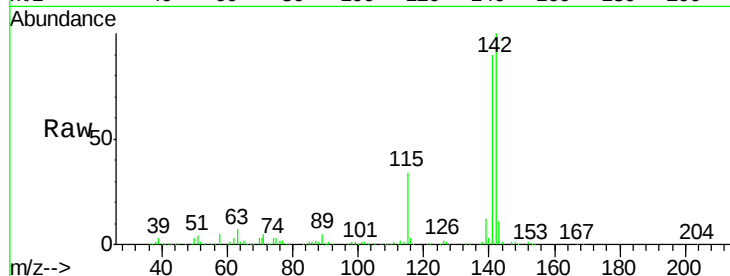
#37
2-Methylnaphthalene
Concen: 39.00 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	679075		
141	89.8		70.8	106.2
115	34.4		26.1	39.1

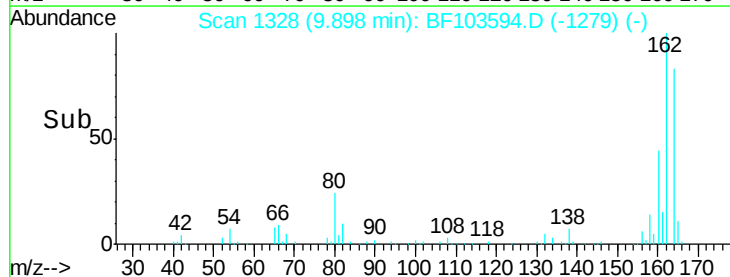
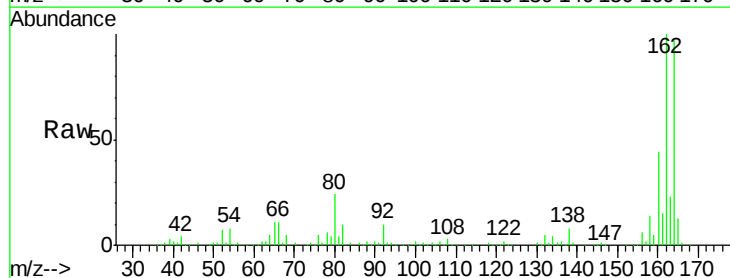
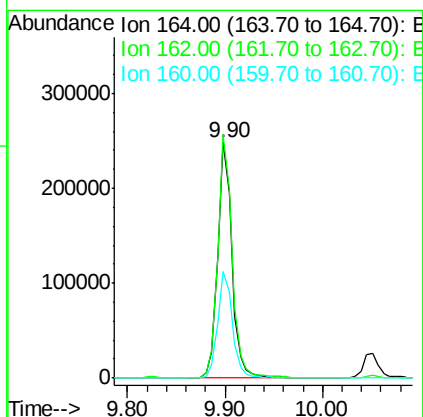
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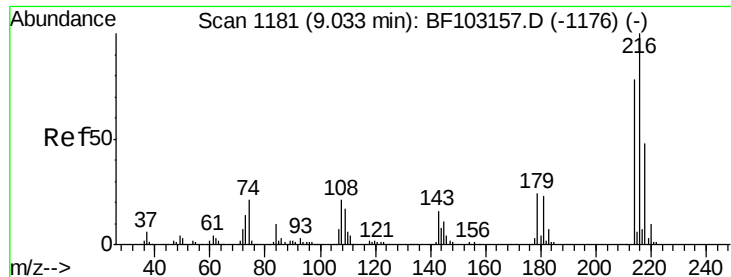
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	254570		
162	103.5		86.1	129.1
160	45.1		38.3	57.5





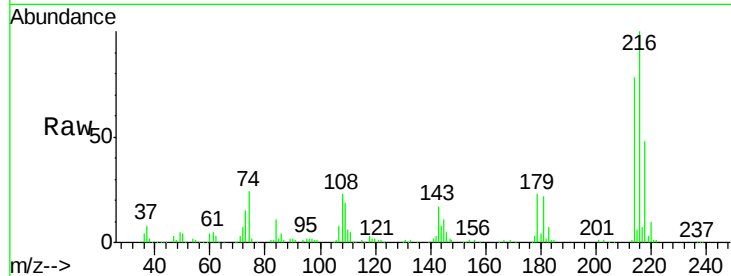
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.42 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

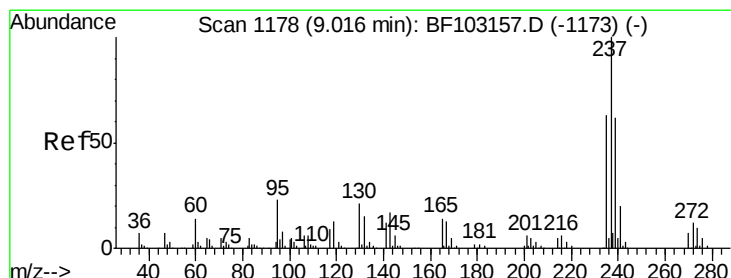
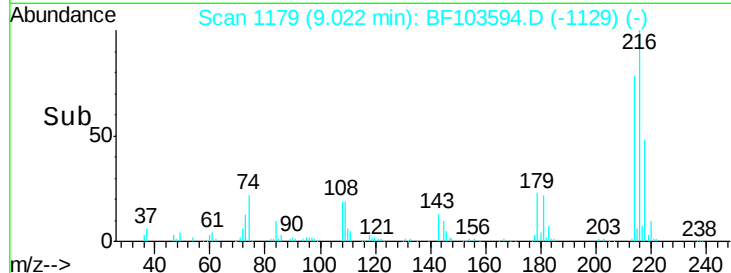
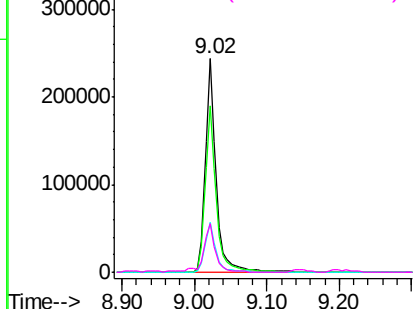
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		253451		
214	79.2		63.0	94.4	
179	23.9		18.1	27.1	
108	24.4		17.2	25.8	

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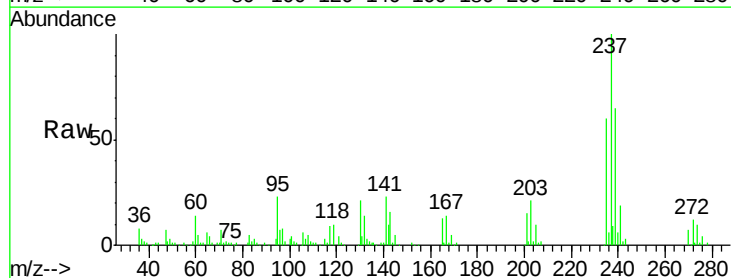


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

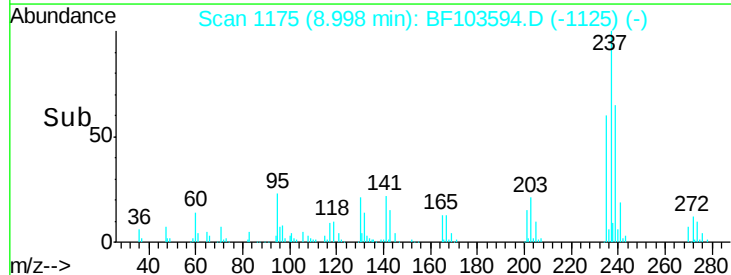
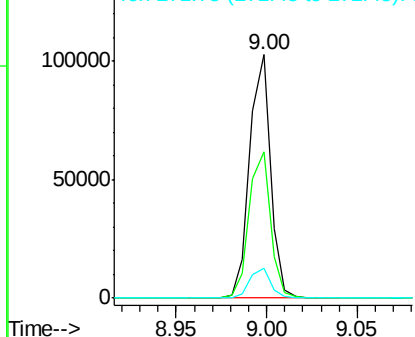


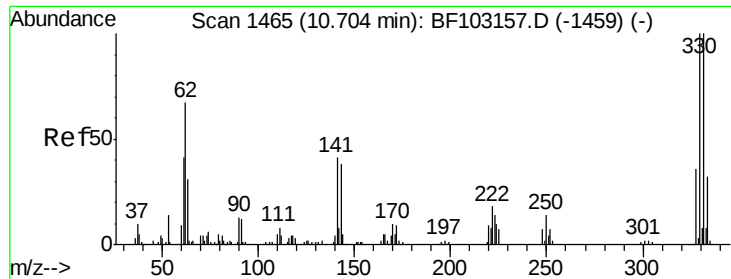
#40
 Hexachlorocyclopentadiene
 Concen: 38.84 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		82675		
235	60.2		44.8	84.8	
272	12.0		0.0	33.3	



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





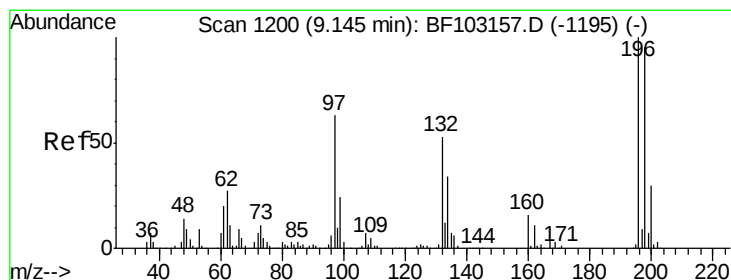
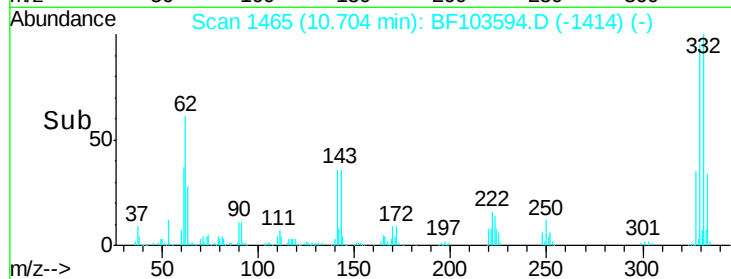
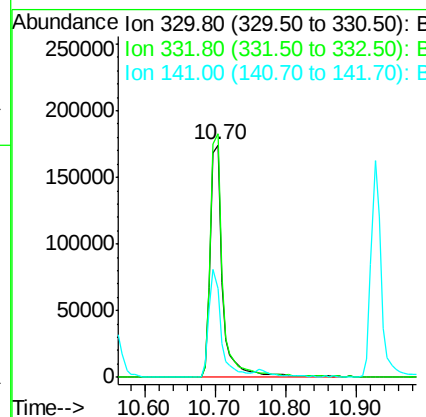
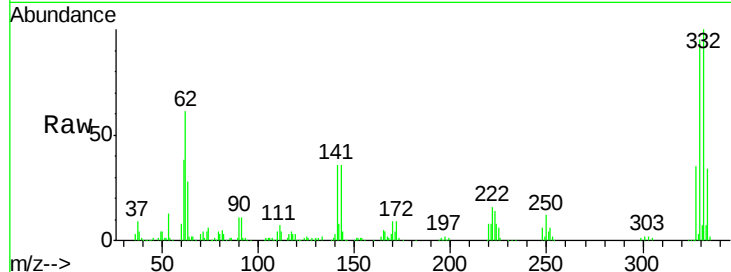
#41
 2,4,6-Tribromophenol
 Concen: 99.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214703		
332	103.9	77.0	115.6	
141	44.9	29.9	44.9	

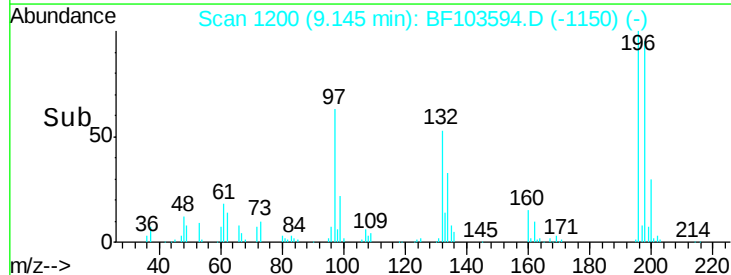
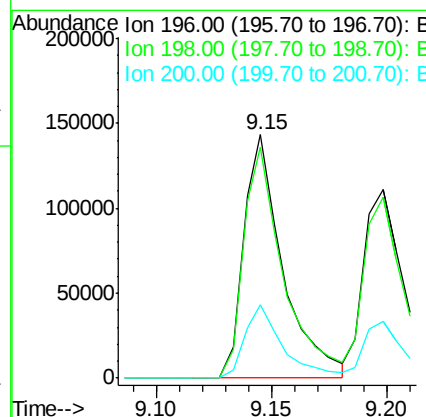
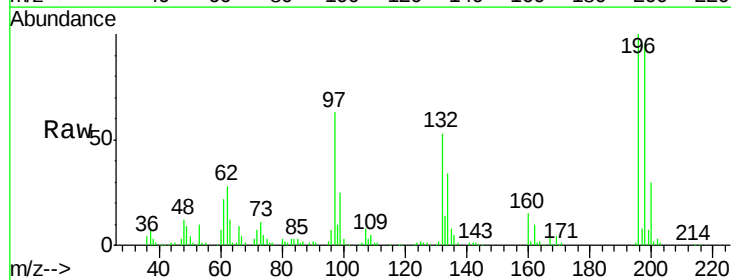
Manual Integrations
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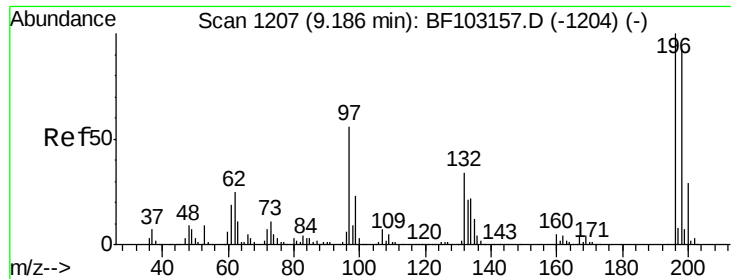
Sohil
 3/13/2018 4:13:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.04 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168772		
198	94.6	75.7	113.5	
200	30.1	24.5	36.7	





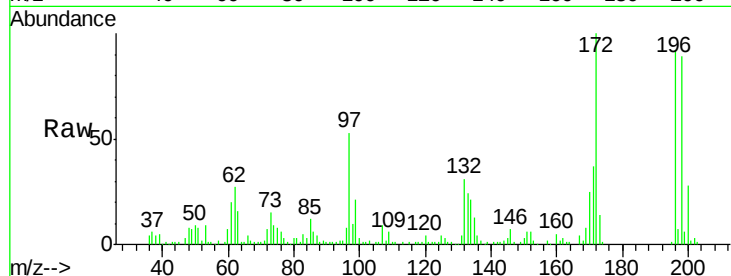
#43
 2,4,5-Trichlorophenol
 Concen: 32.26 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampled :
 PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		173773		
198	95.9	74.6	112.0		
97	57.0	42.9	64.3		
132	33.4	26.3	39.5		

Manual Integrations
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 3/13/2018 4:13:27 PM



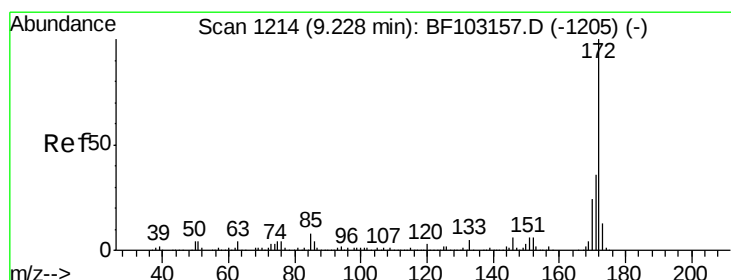
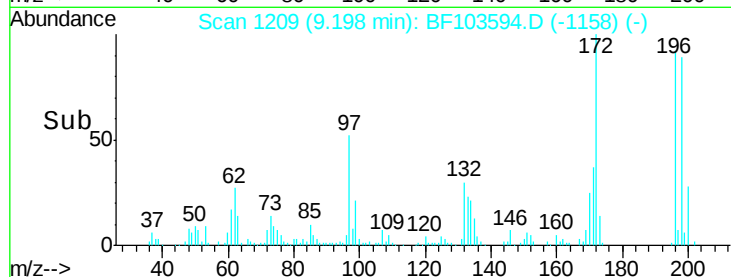
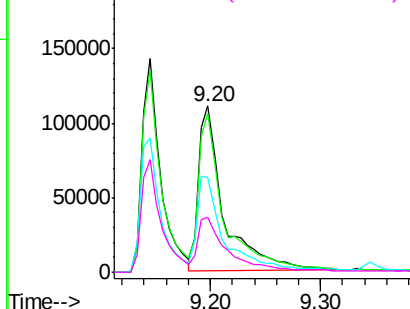
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.78 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

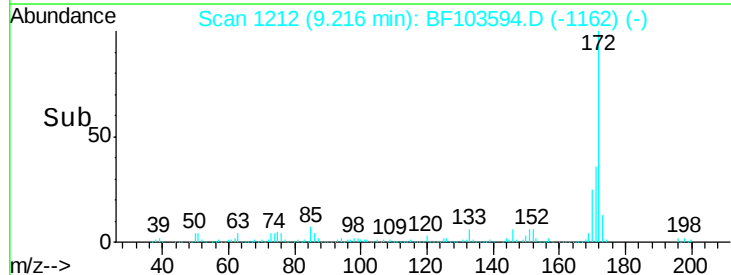
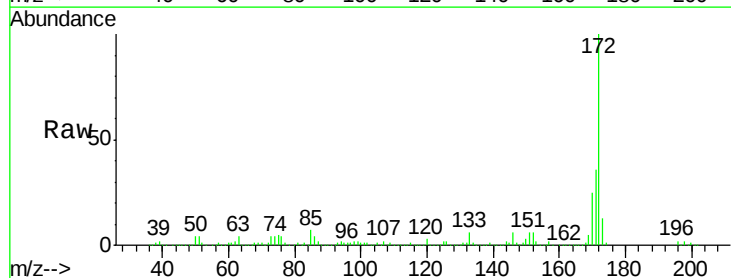
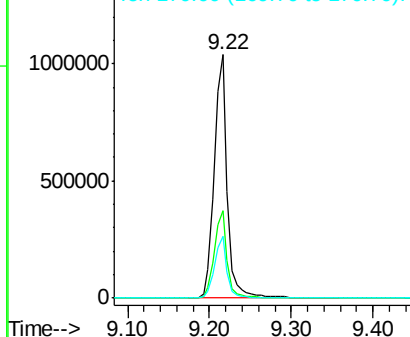
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1149382		
171	36.1	29.7	44.5		
170	25.2	19.6	29.4		

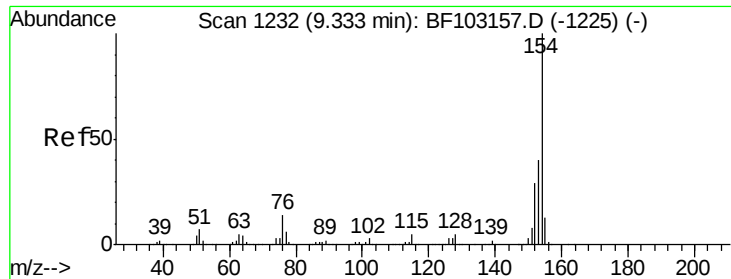
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





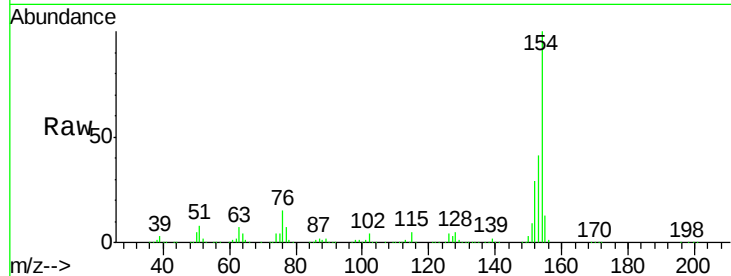
#45
 1,1'-Biphenyl
 Concen: 36.86 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

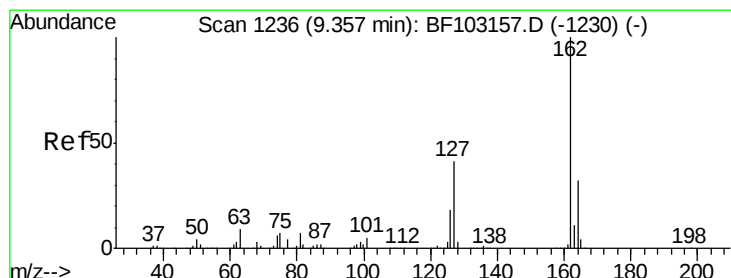
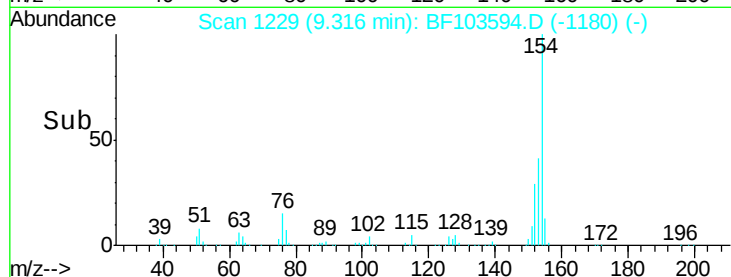
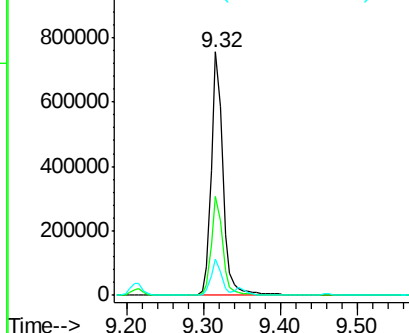
Tot Ion:	154	Resp:	786238
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	15.0	0.0	34.0

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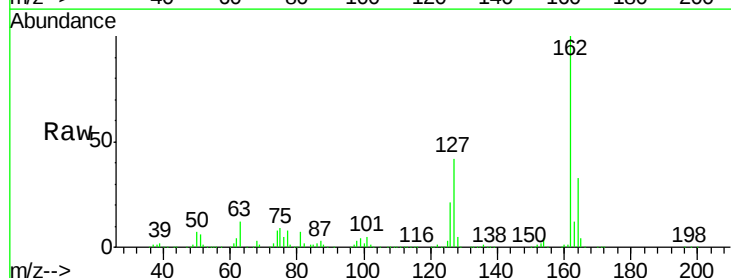


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

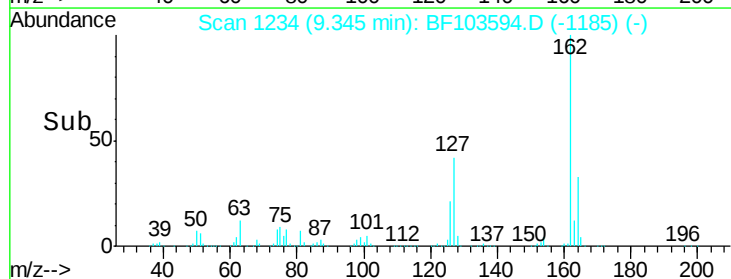
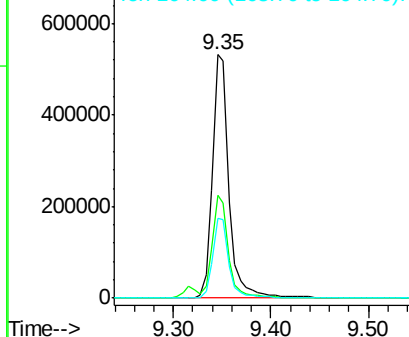


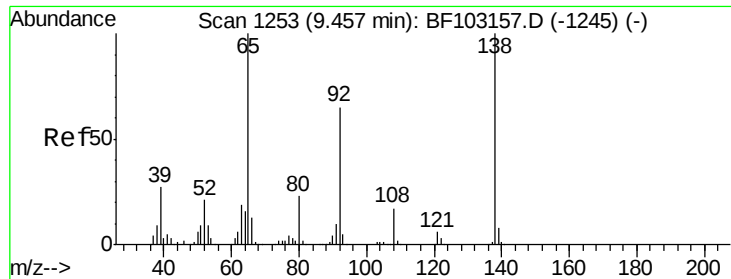
#46
 2-Chloronaphthalene
 Concen: 37.01 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion:	162	Resp:	624555
Ion Ratio	Lower	Upper	
162	100		
127	42.5	33.9	50.9
164	32.6	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





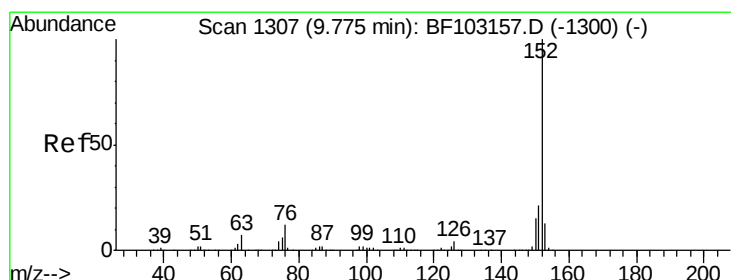
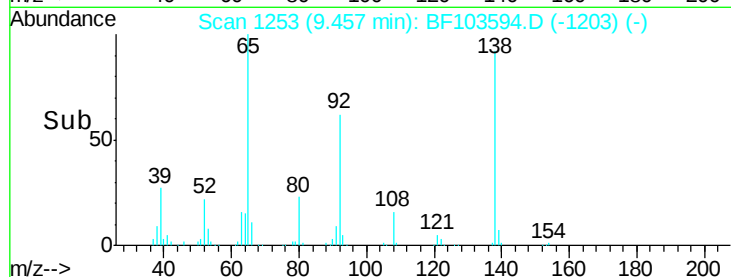
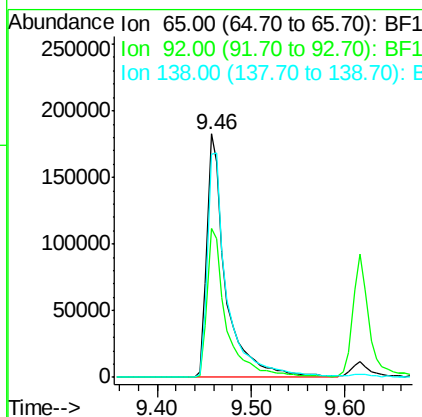
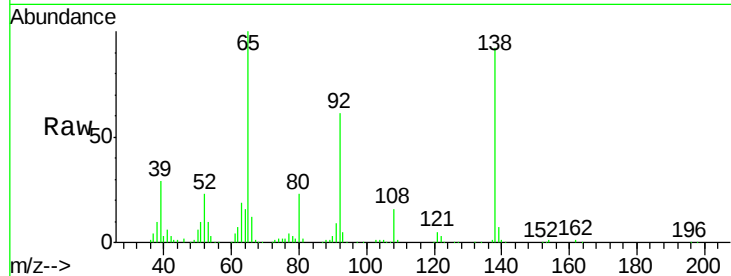
#47
2-Nitroaniline
Concen: 40.96 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.2	55.8	83.6
138	91.7	91.2	136.8

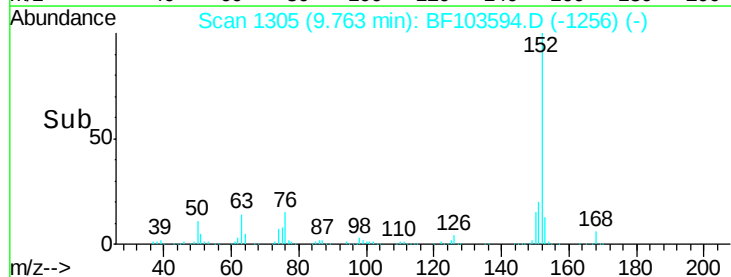
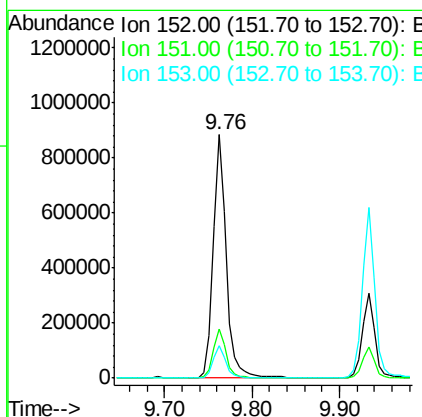
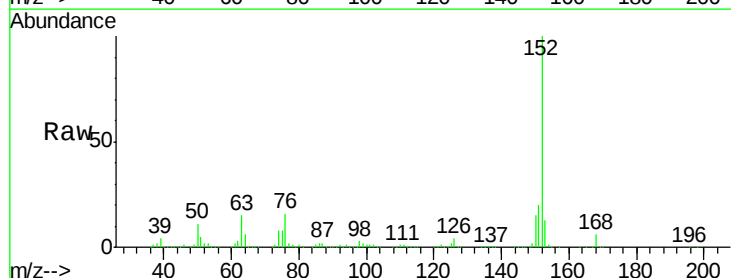
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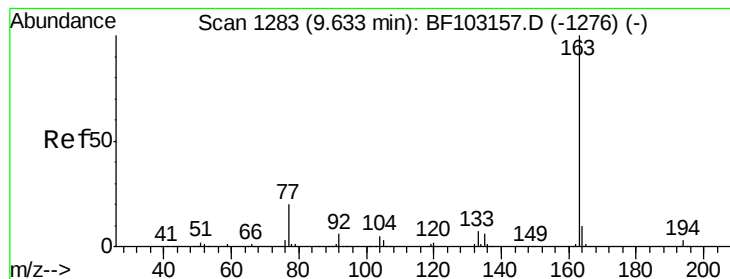
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#48
Acenaphthylene
Concen: 35.68 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 35.28 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

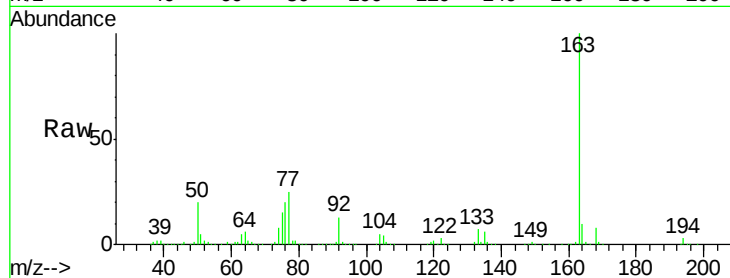
ClientSampleId :

PB107245BS

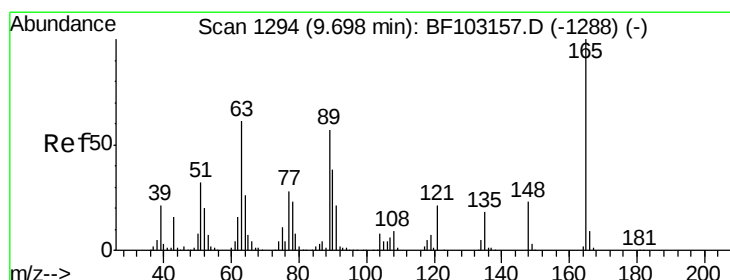
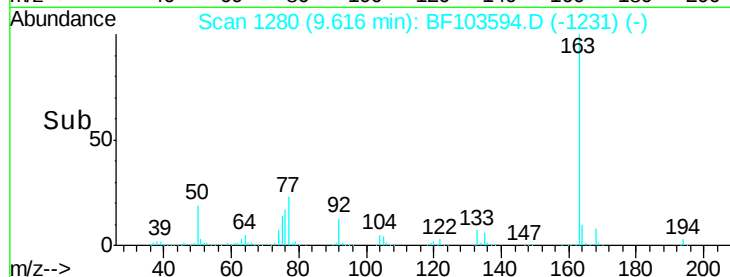
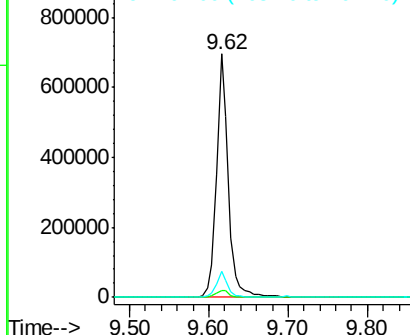
Tot Ion:	163	Resp:	720578
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.4	8.2	12.2

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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: 36.85 ng

RT: 9.70 min Scan# 1294

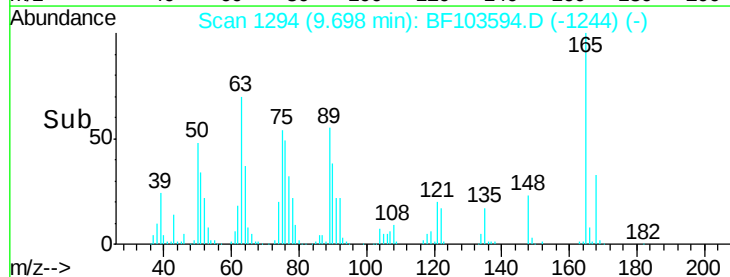
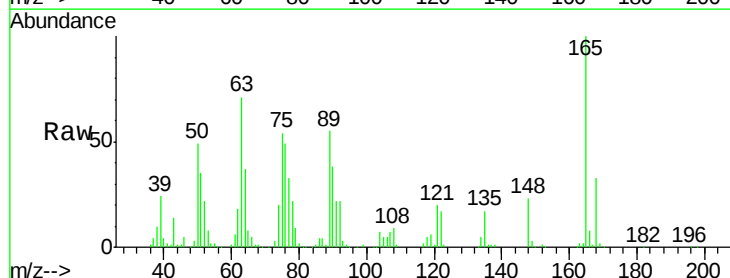
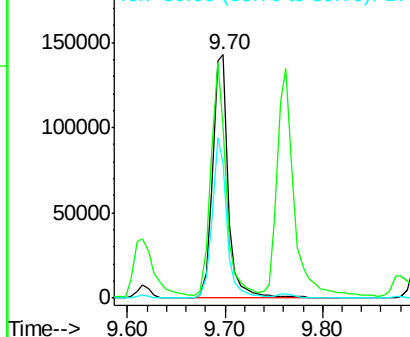
Delta R.T. -0.01 min

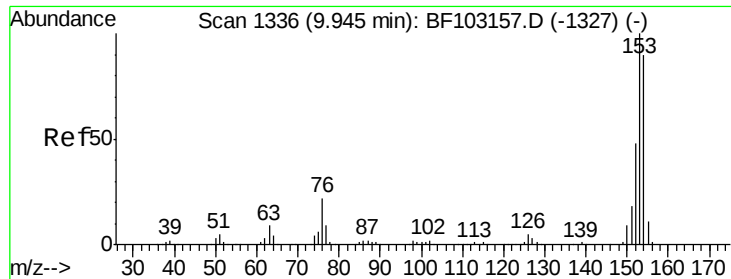
Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	165	Resp:	157910
Ion Ratio	Lower	Upper	
165	100		
63	70.6	44.7	67.1#
89	55.4	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: 36.27 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

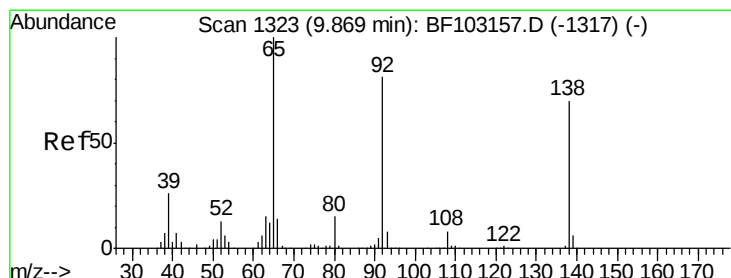
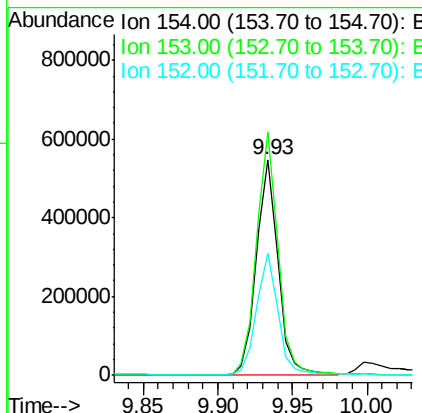
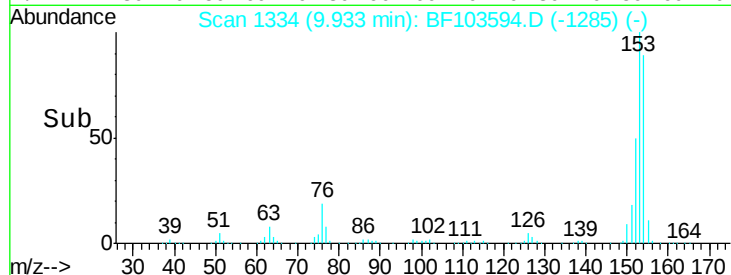
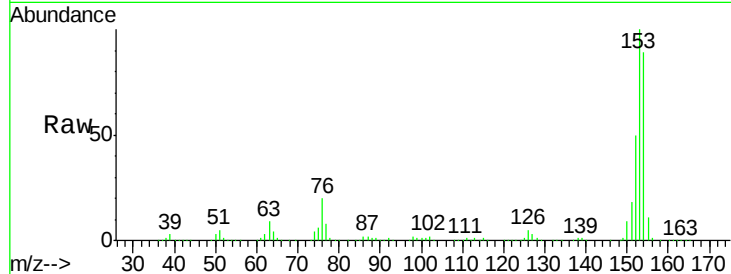
ClientSampleId :

PB107245BS

Tot Ion:	154	Resp:	549138
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	56.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 17.74 ng

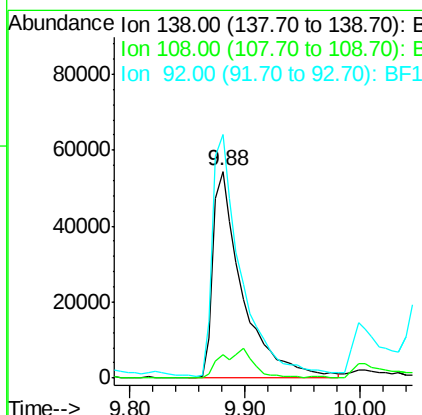
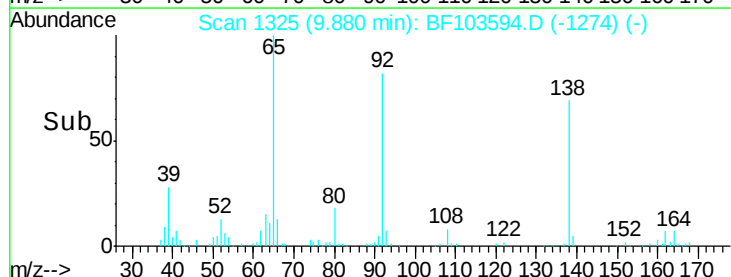
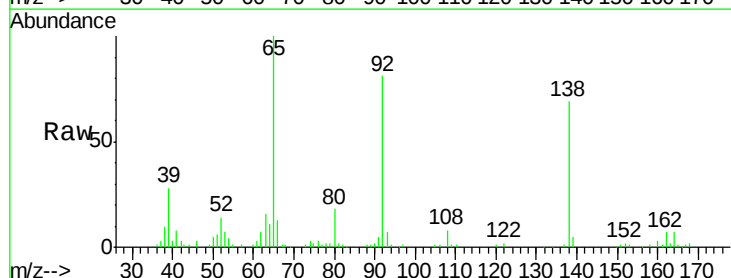
RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	138	Resp:	96433
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	117.8	89.4	134.2





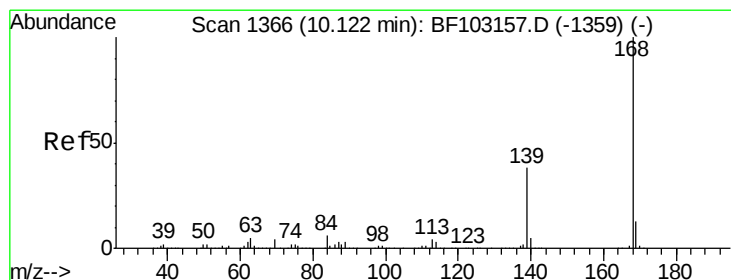
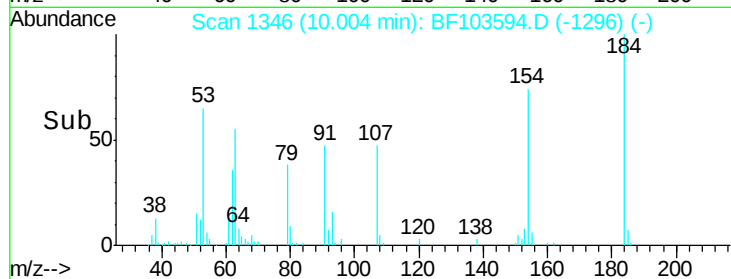
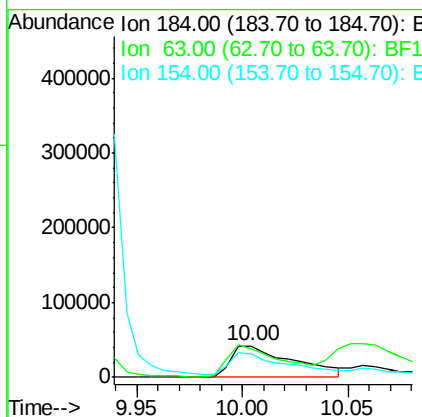
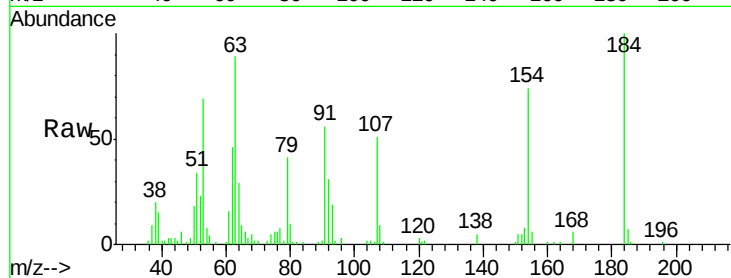
#53
2,4-Dinitrophenol
Concen: 58.95 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampled :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.4	54.2	81.2#	
154	74.1	184.0	276.0#	

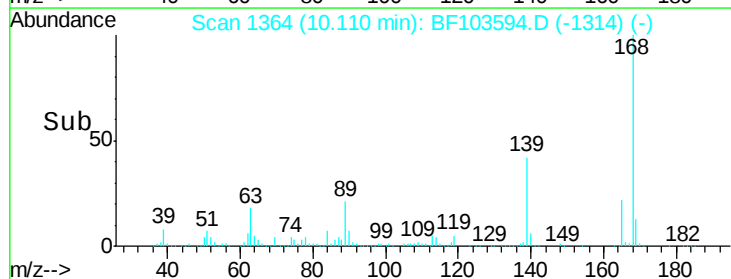
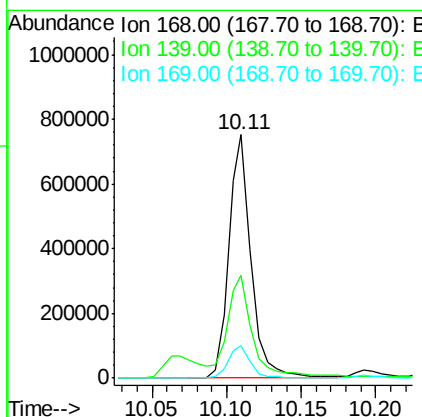
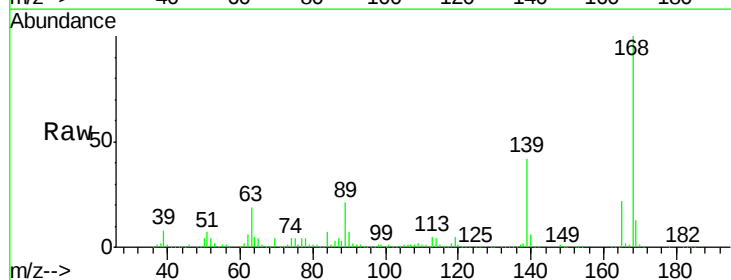
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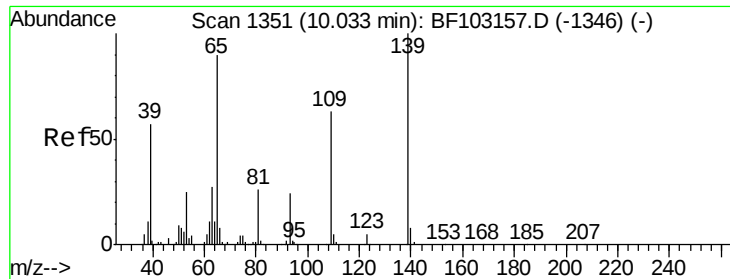
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#54
Dibenzofuran
Concen: 37.94 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.0	30.1	45.1	
169	13.3	10.9	16.3	





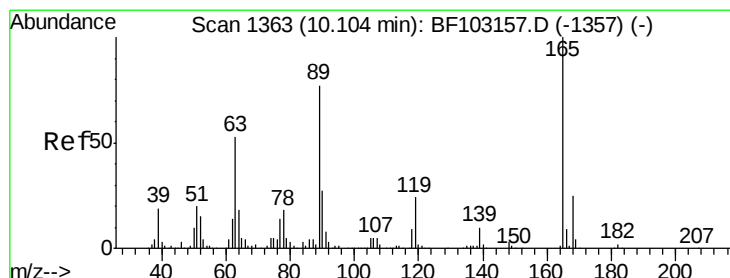
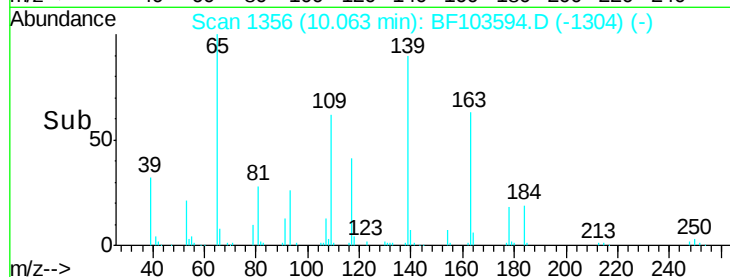
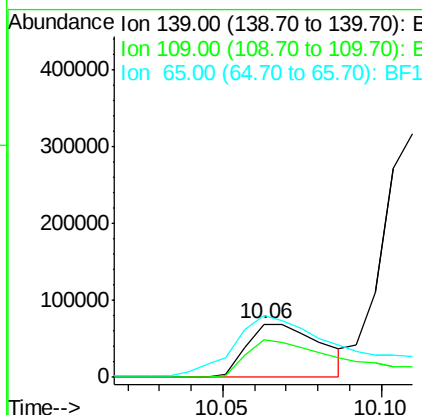
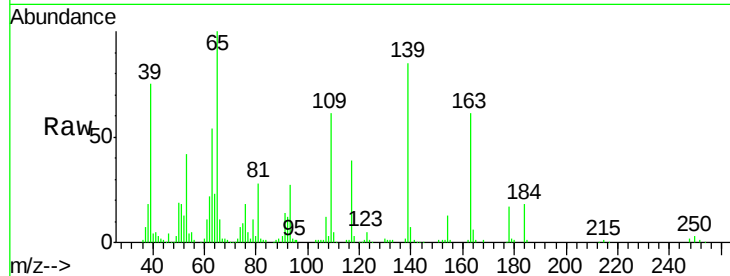
#55
4-Nitrophenol
Concen: 33.35 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	112377		
109	71.6	48.4	88.4	
65	117.4	72.6	112.6#	

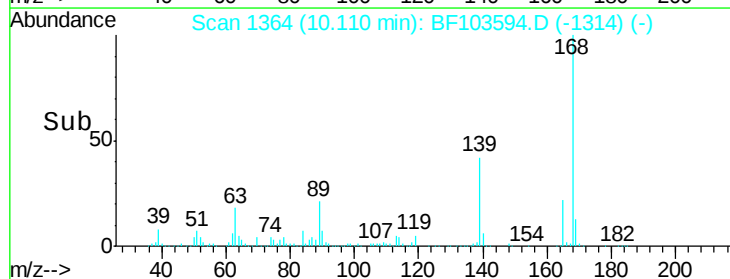
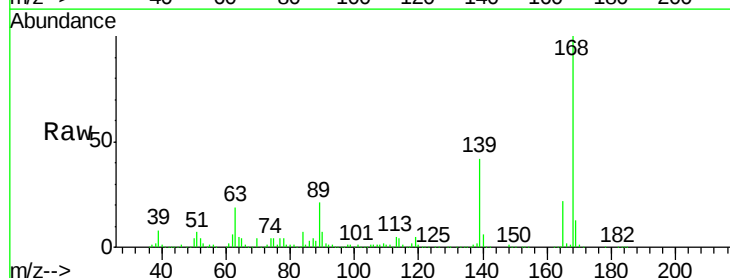
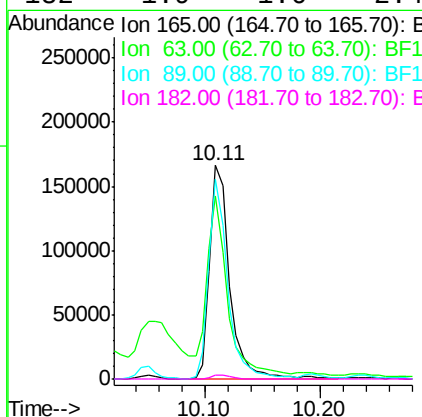
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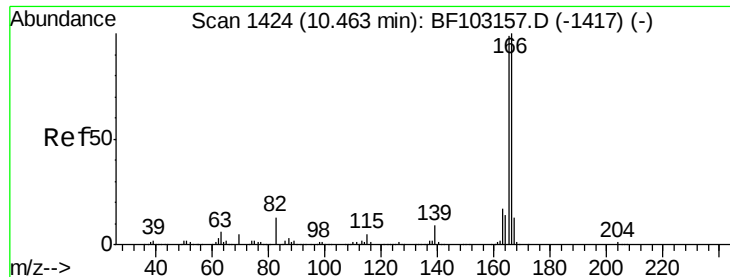
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#56
2,4-Dinitrotoluene
Concen: 37.44 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202947		
63	85.4	36.4	54.6#	
89	93.3	57.8	86.6#	
182	1.9	1.6	2.4	





#57

Fluorene

Concen: 36.98 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

ClientSampleId :

PB107245BS

Tot Ion:166 Resp: 654826

Ion Ratio Lower Upper

166 100

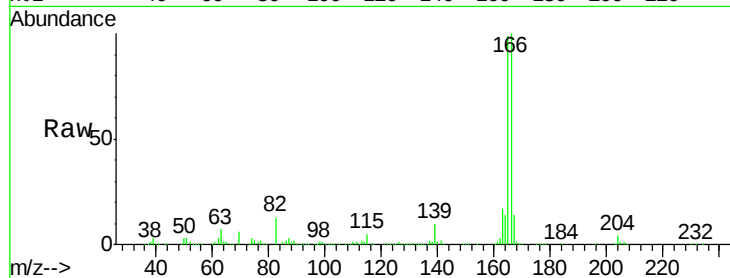
165 99.5 79.8 119.8

167 13.9 10.6 16.0

Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.45

800000

600000

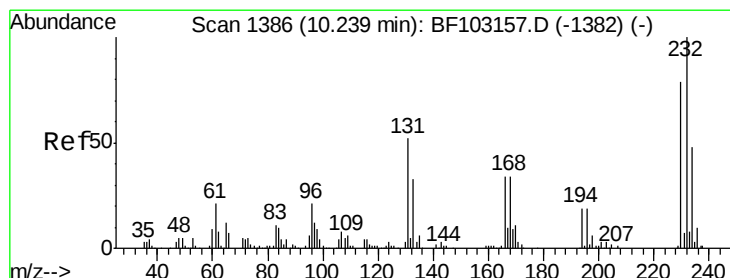
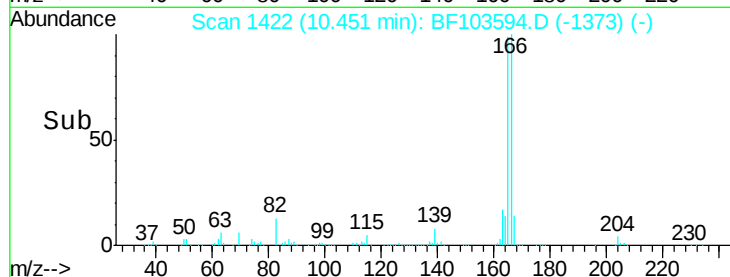
400000

200000

0

10.40 10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.10 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:232 Resp: 137836

Ion Ratio Lower Upper

232 100

131 57.0 43.8 65.8

130 3.1 2.1 3.1

166 36.7 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.24

150000

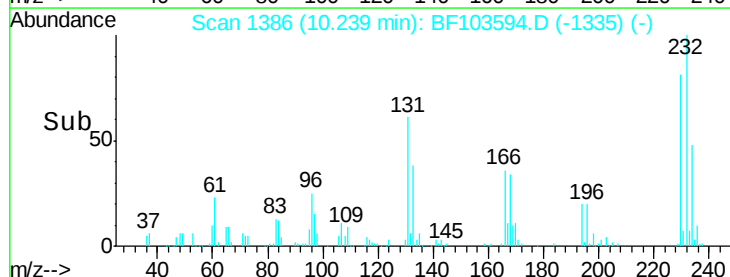
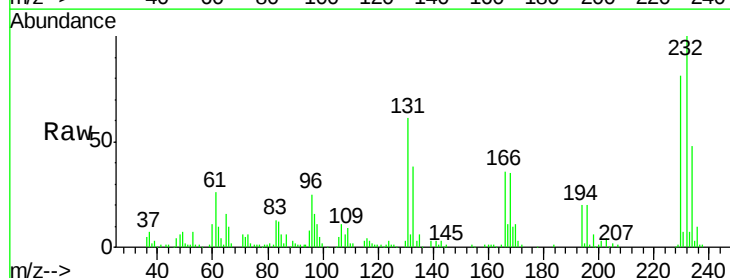
100000

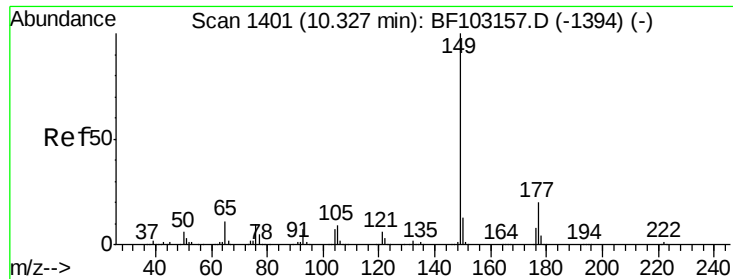
50000

0

10.20 10.30 10.40

Time-->





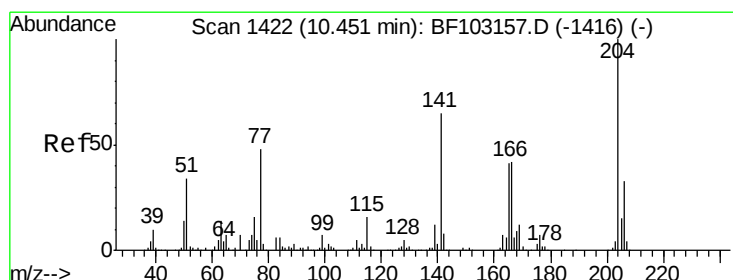
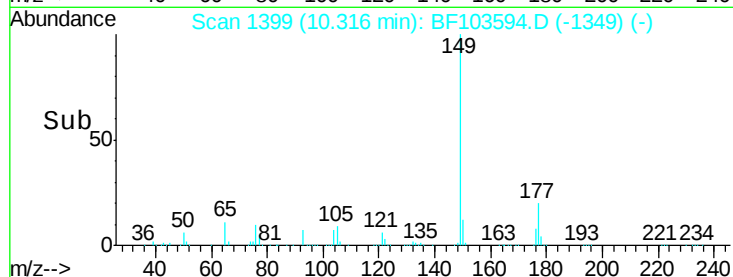
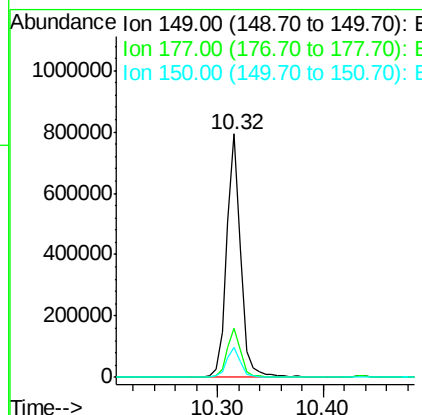
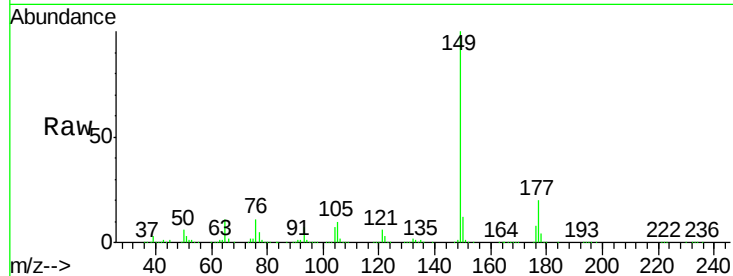
#59
Diethylphthalate
Concen: 37.72 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampled :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	736693		
177	20.1	16.1	24.1	
150	12.4	10.1	15.1	

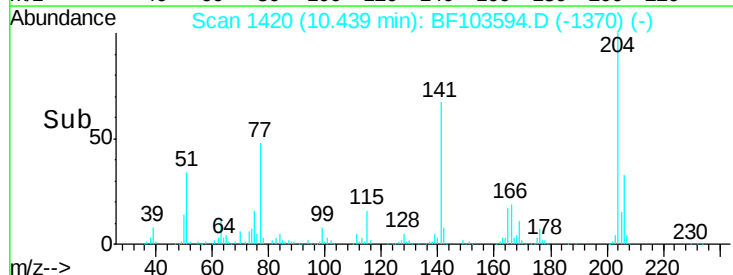
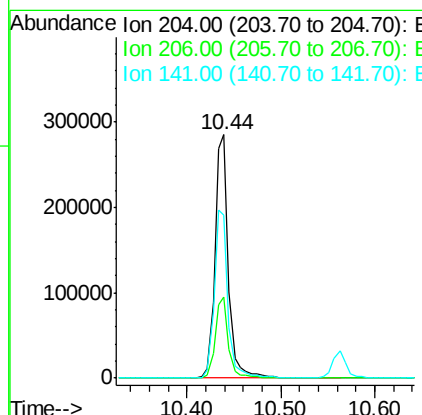
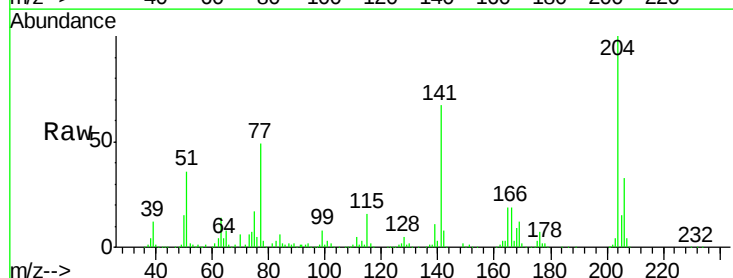
Manual Integrations
APPROVED

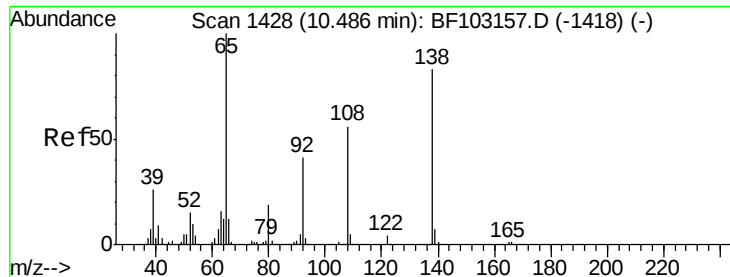
Sohil
3/13/2018 4:13:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.75 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	290922		
206	33.2	26.5	39.7	
141	67.2	54.6	81.8	





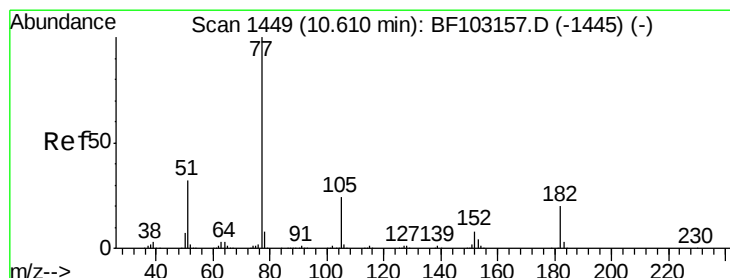
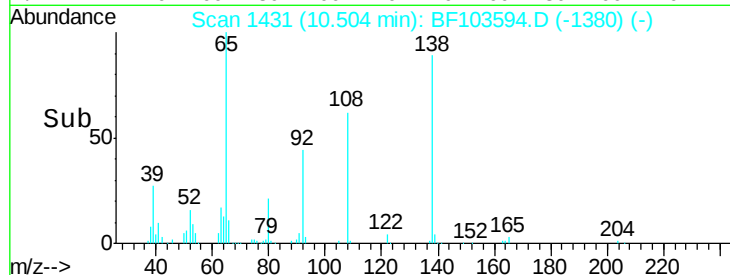
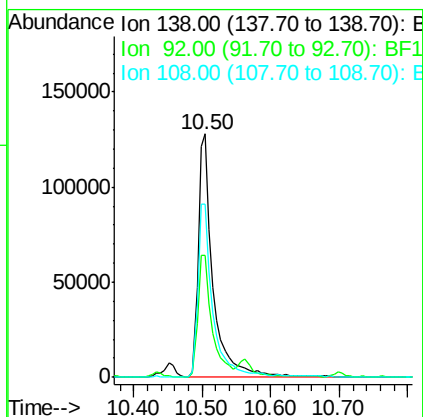
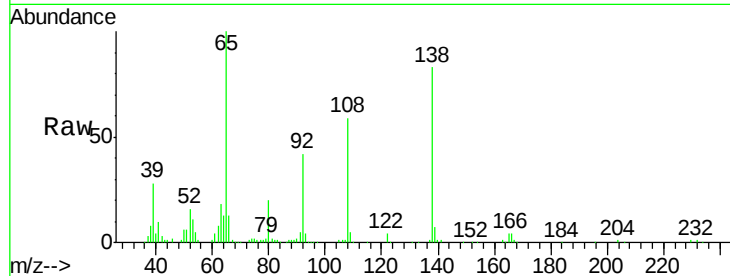
#61
4-Nitroaniline
Concen: 36.01 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.2	70.2
108	71.0	52.5	92.5

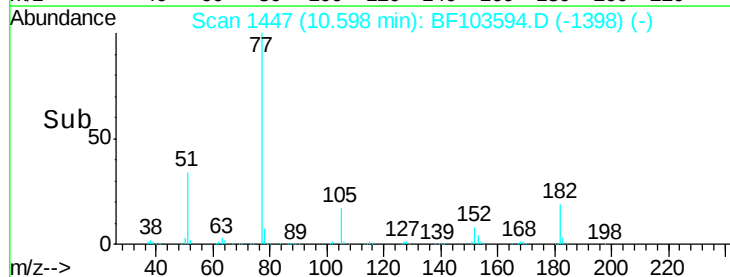
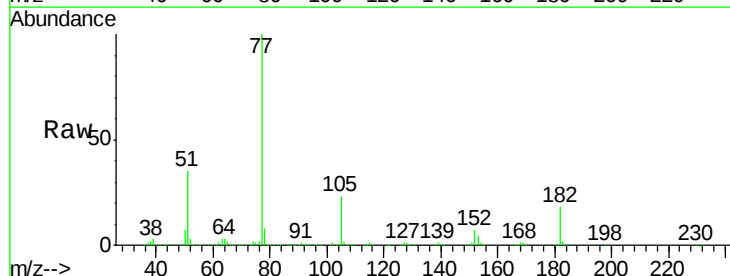
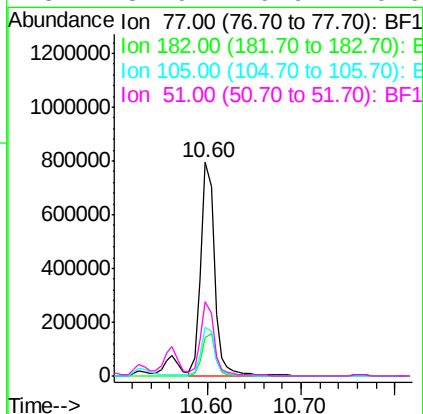
Manual Integrations
APPROVED

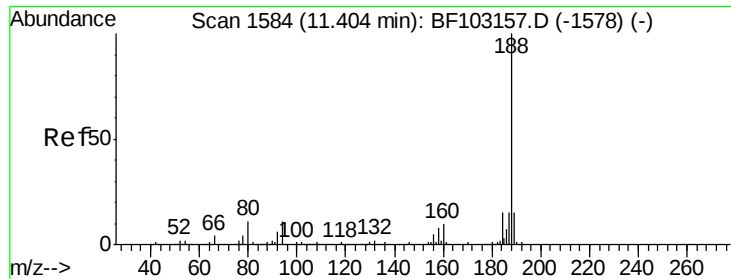
Sohil
3/13/2018 4:13:27 PM



#62
Azobenzene
Concen: 41.13 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	1.7	41.7
105	22.9	3.0	43.0
51	34.9	9.9	49.9





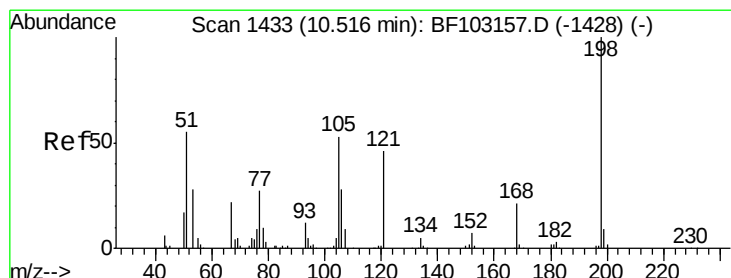
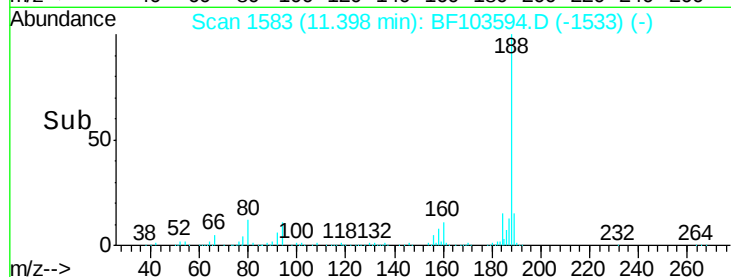
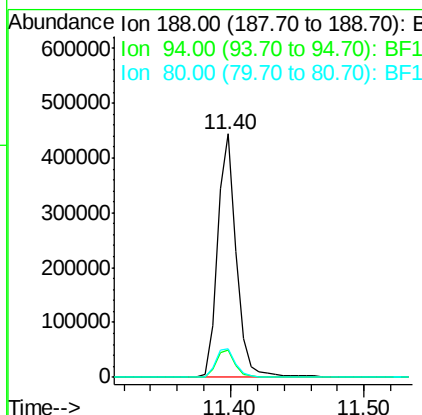
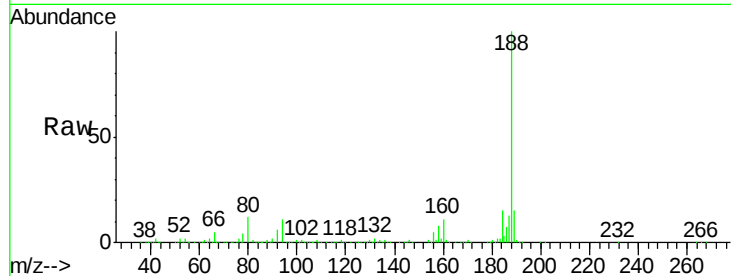
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442680		
94	11.0		8.5	12.7
80	11.9		9.2	13.8

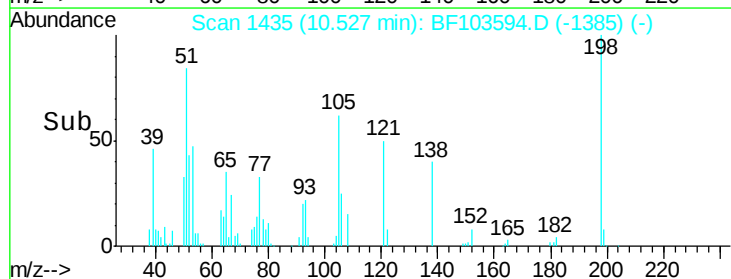
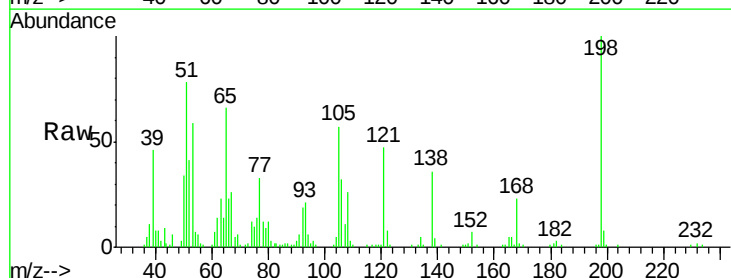
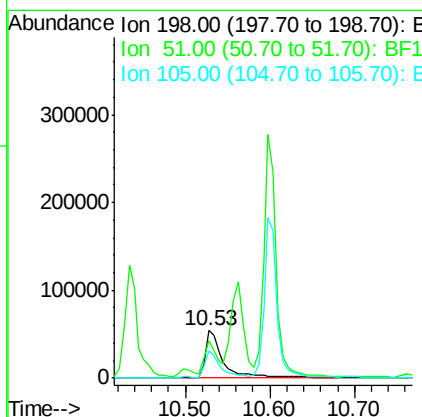
Manual Integrations
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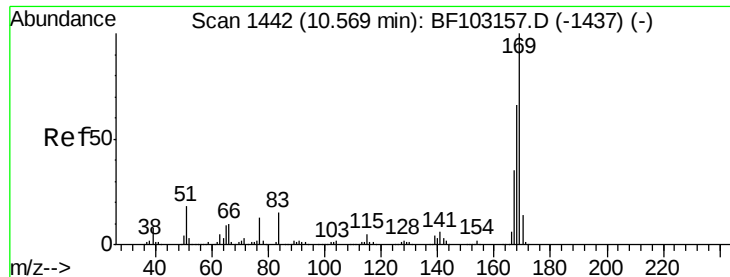
Sohil
3/13/2018 4:13:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.87 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	80867		
51	77.7		37.7	77.7#
105	56.5		36.3	76.3





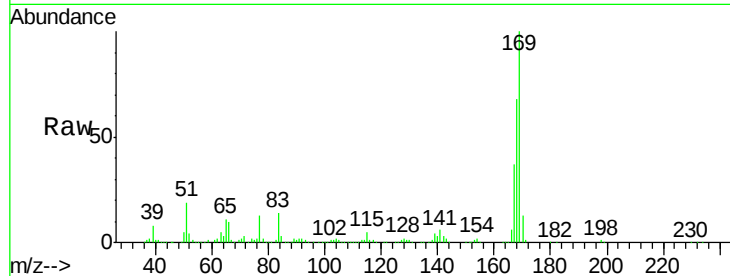
#65
n-Nitrosodiphenylamine
Concen: 37.80 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

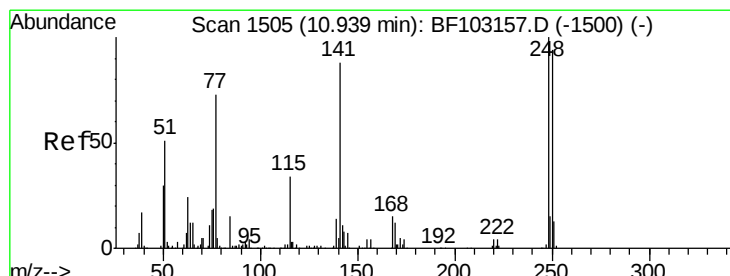
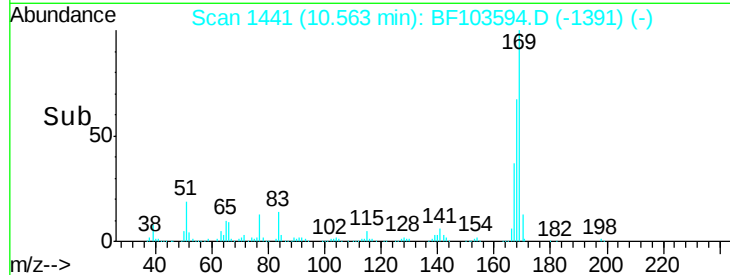
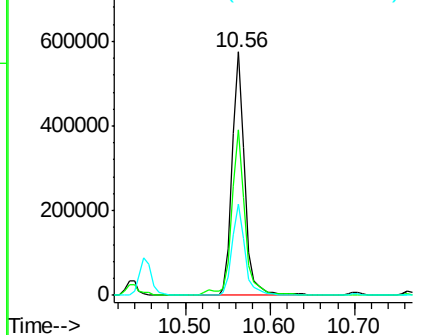
Tot Ion	Ratio	Resp	Lower	Upper
169	100	582624		
168	67.8		54.4	81.6
167	37.3		29.8	44.6

Manual Integrations
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Sohil
3/13/2018 4:13:27 PM



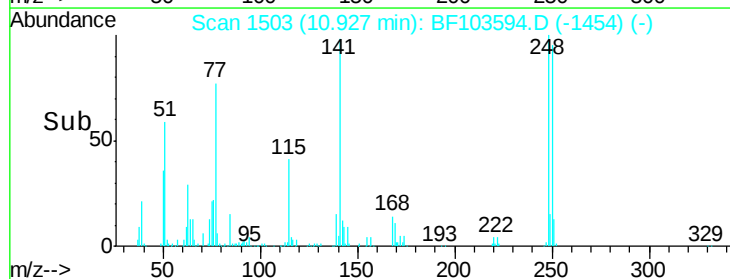
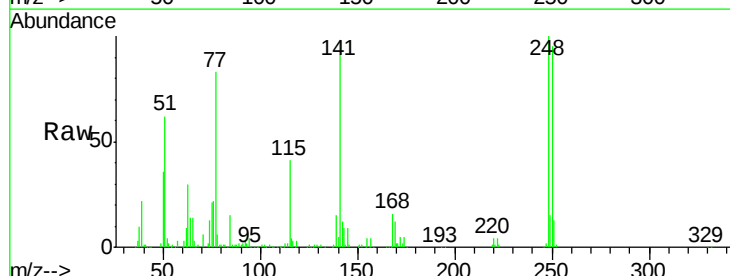
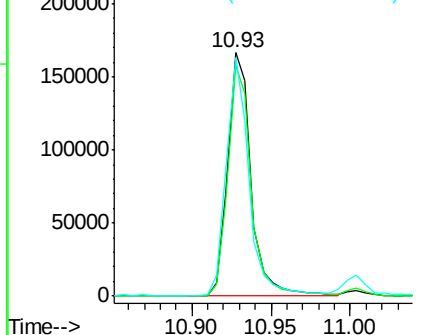
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

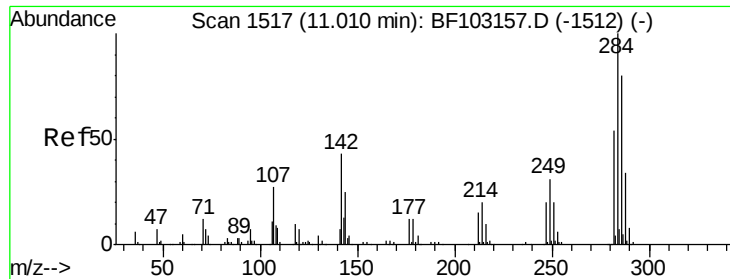


#66
4-Bromophenyl-phenylether
Concen: 36.92 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170256		
250	94.6		76.9	115.3
141	97.7		74.4	111.6

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





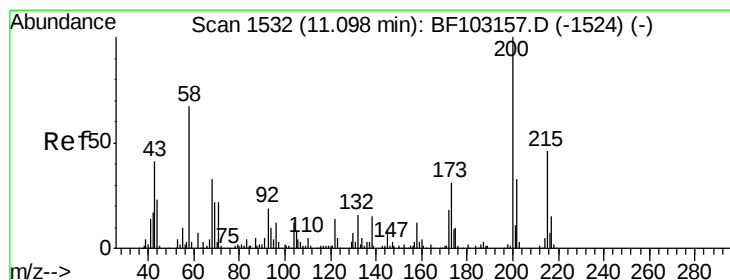
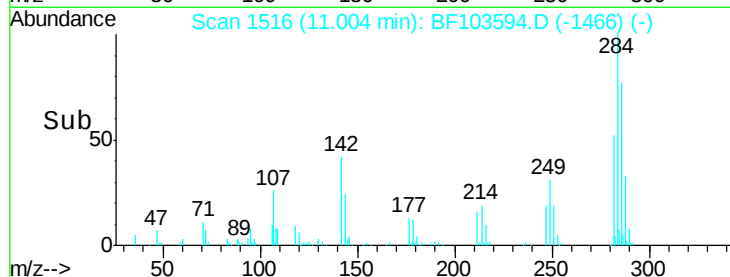
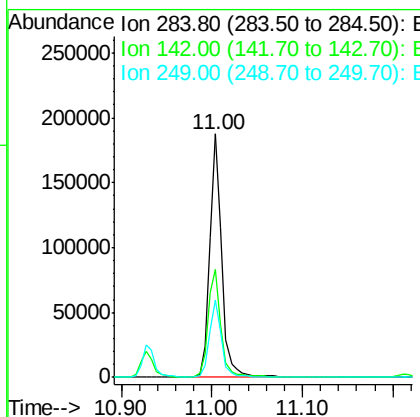
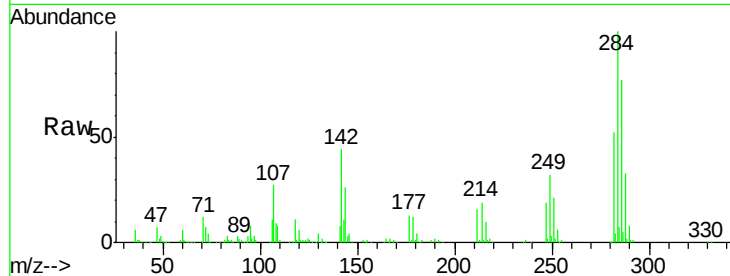
#67
Hexachlorobenzene
Concen: 35.18 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	176065		
142	44.4	34.6	52.0	
249	31.6	24.8	37.2	

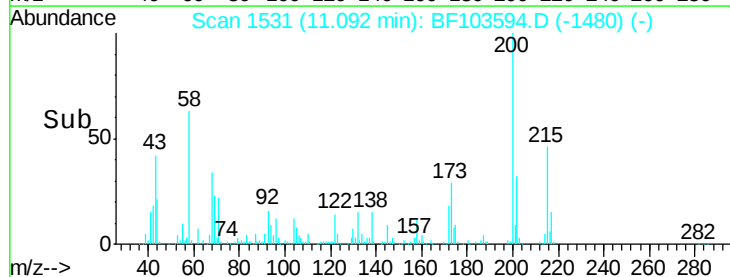
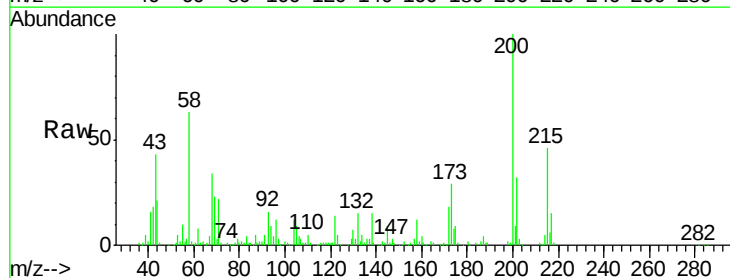
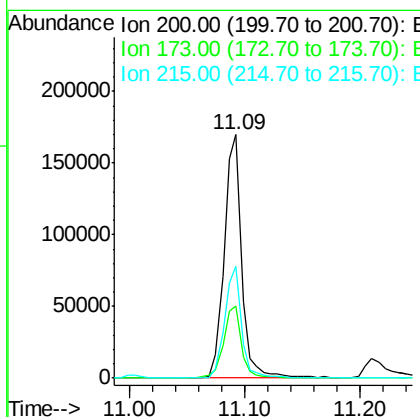
Manual Integrations
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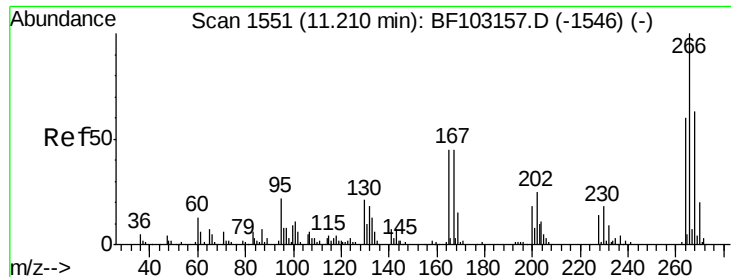
Sohil
3/13/2018 4:13:27 PM



#68
Atrazine
Concen: 38.58 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178754		
173	29.5	8.6	48.6	
215	45.7	25.1	65.1	





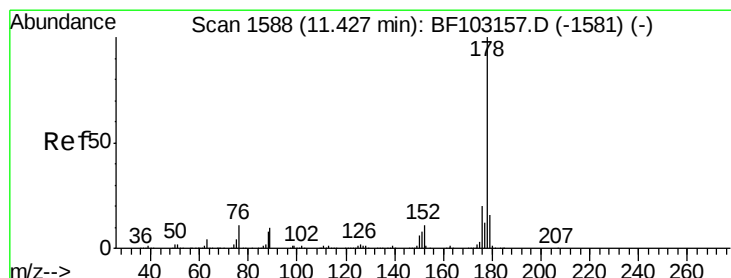
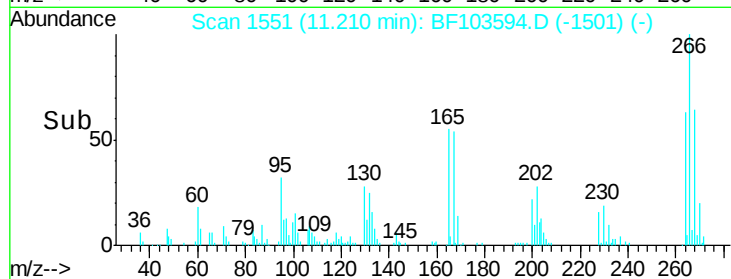
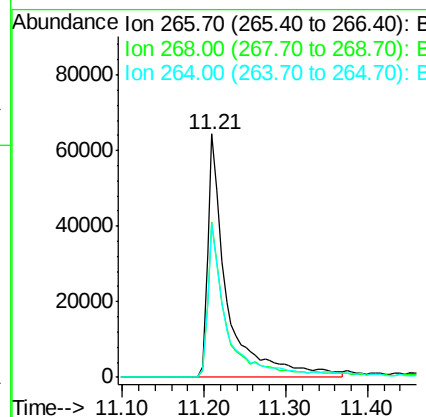
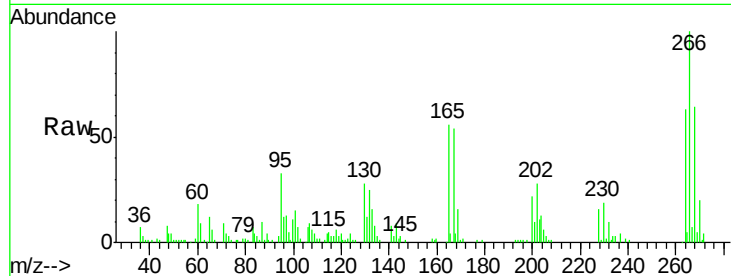
#69
 Pentachlorophenol
 Concen: 44.34 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.4	49.5	74.3

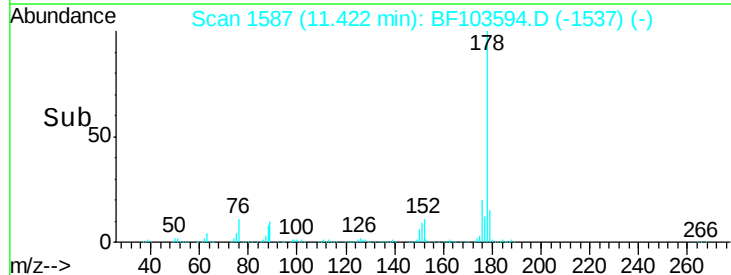
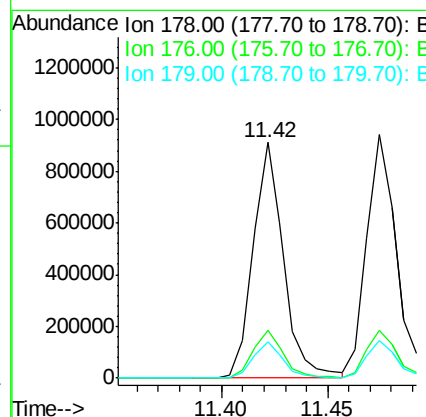
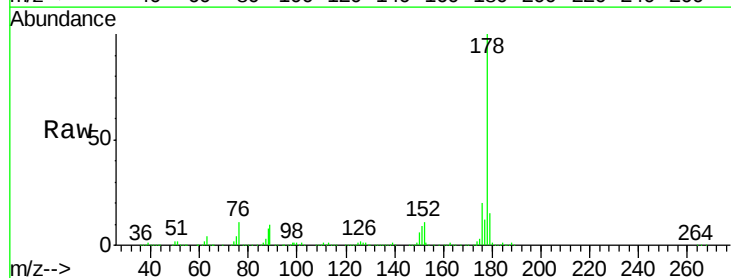
Manual Integrations
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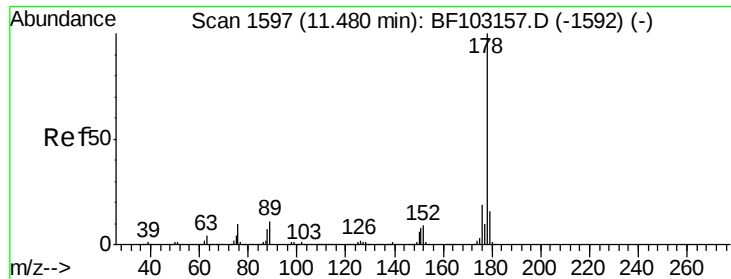
Sohil
 3/13/2018 4:13:27 PM



#70
 Phenanthrene
 Concen: 37.45 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.2	13.0	19.6





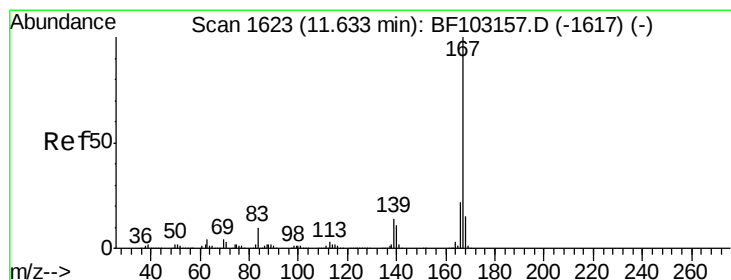
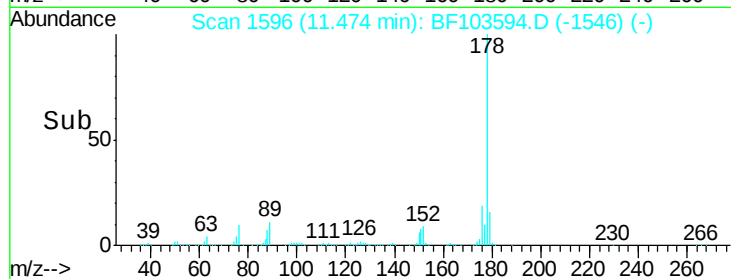
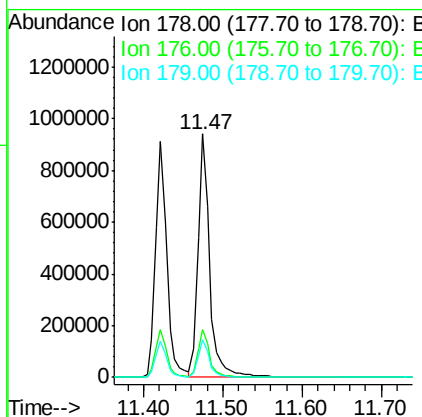
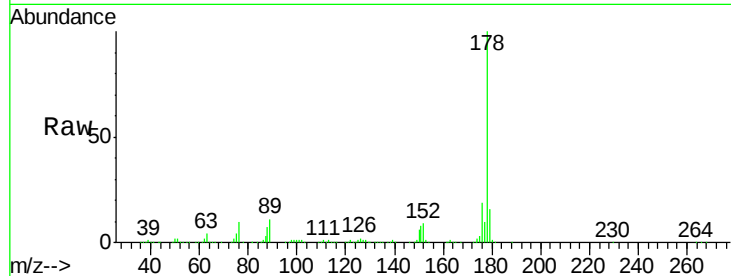
#71
 Anthracene
 Concen: 39.33 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	19.0

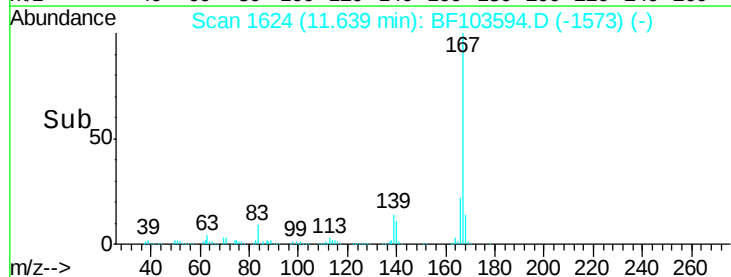
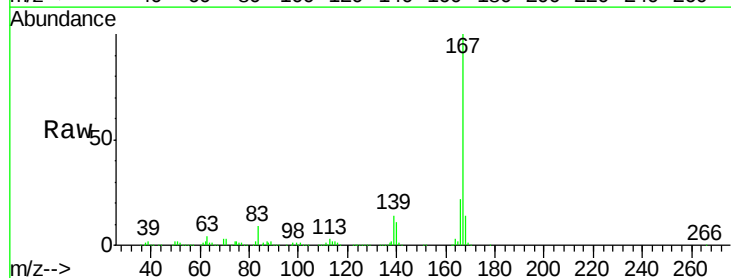
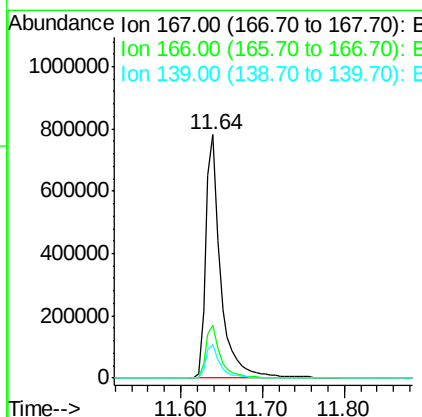
Manual Integrations
 APPROVED

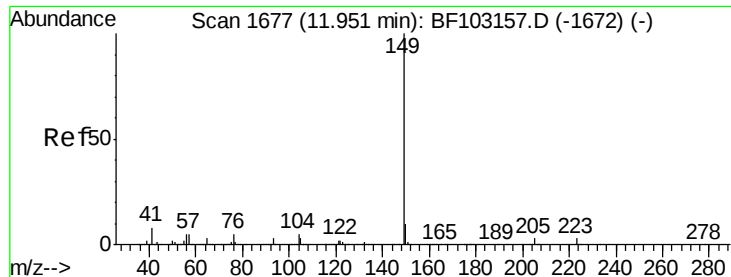
Sohil
 3/13/2018 4:13:27 PM



#72
 Carbazole
 Concen: 39.43 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.46 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

ClientSampleId :

PB107245BS

Tot Ion:149 Resp: 1197109

Ion Ratio Lower Upper

149 100

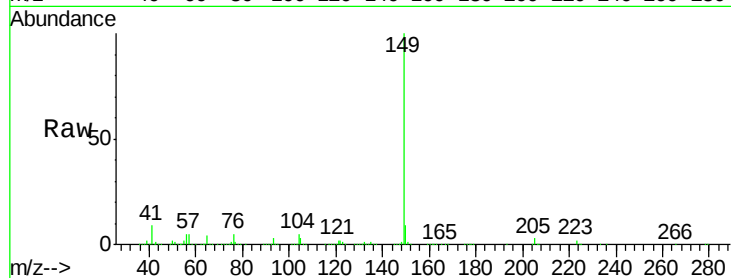
150 9.2 7.8 11.6

104 5.1 3.8 5.8

Manual Integrations
APPROVED

Sohil

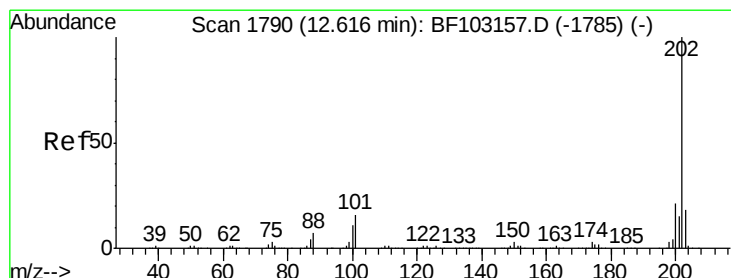
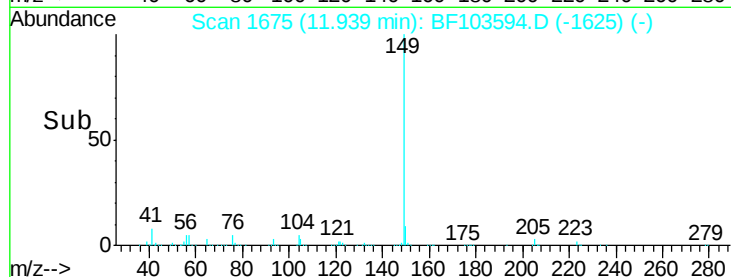
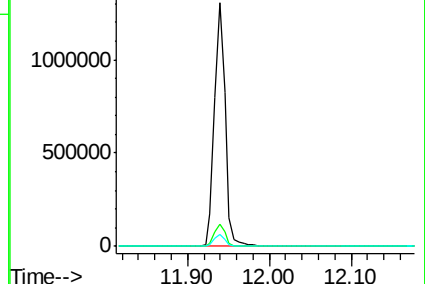
3/13/2018 4:13:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.79 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

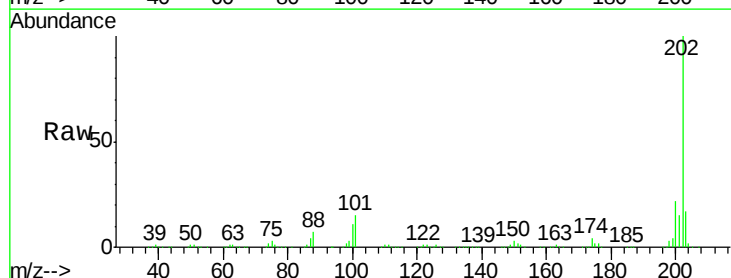
Tgt Ion:202 Resp: 949710

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

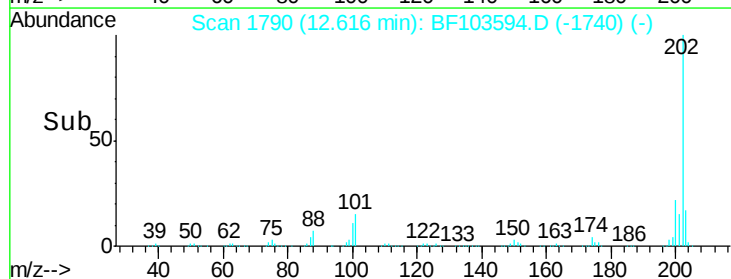
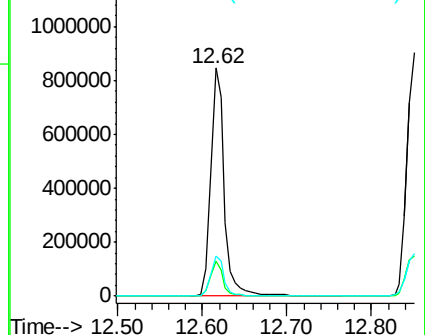
203 17.4 0.0 38.1

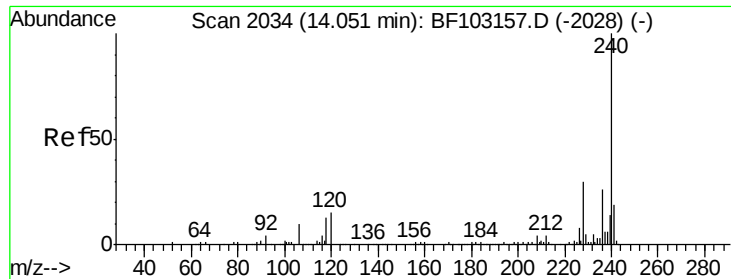


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

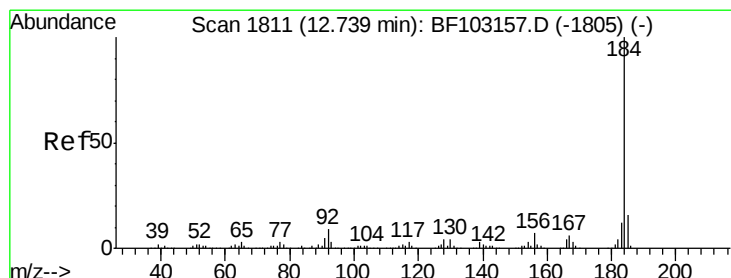
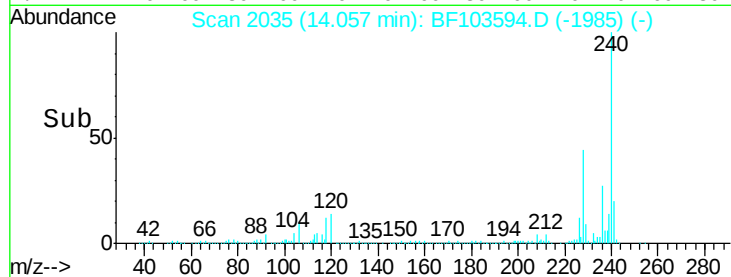
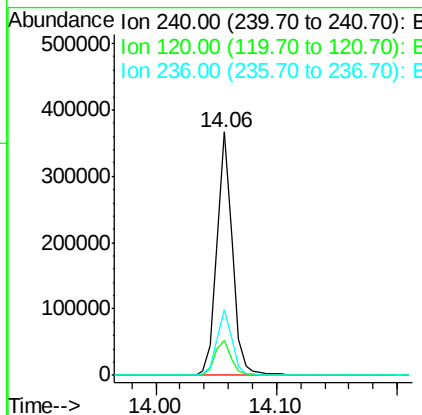
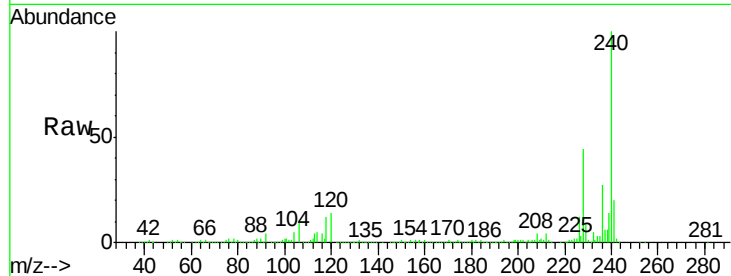
ClientSampleId :

PB107245BS

Tot Ion:	240	Resp:	321113
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 30.02 ng

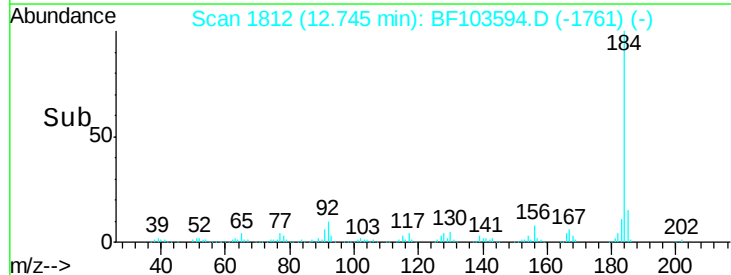
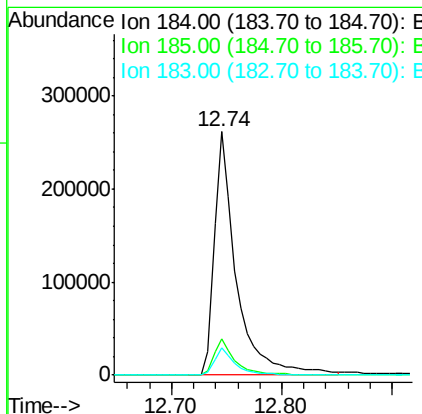
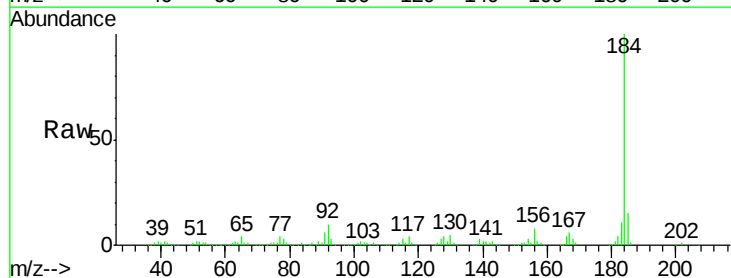
RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	184	Resp:	360389
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	11.2	9.3	13.9





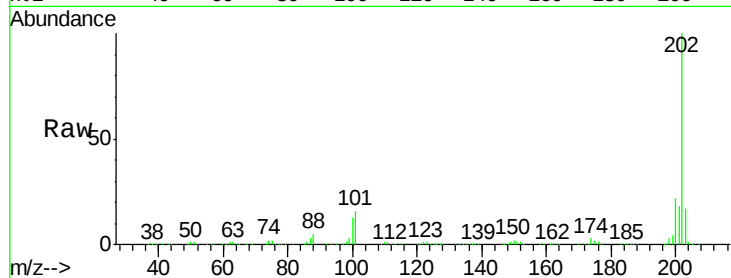
#77
Pvrene
Concen: 37.94 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.5	14.3	21.5

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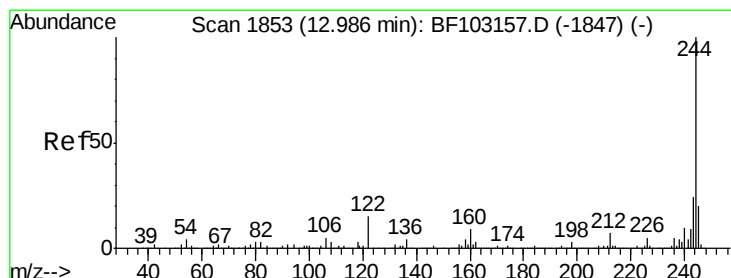
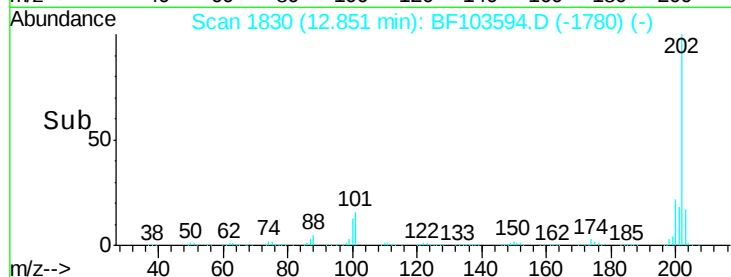
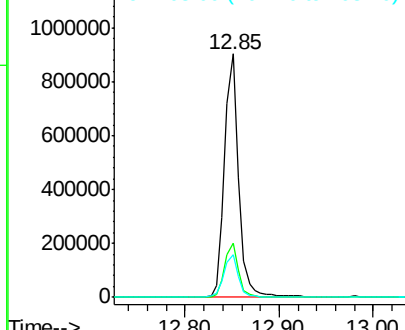


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 79.41 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

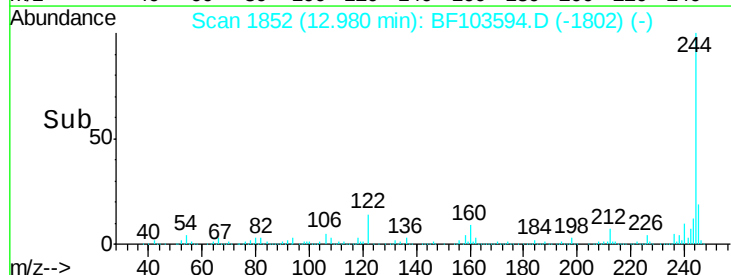
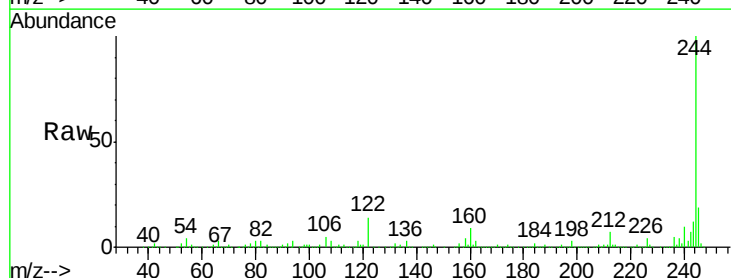
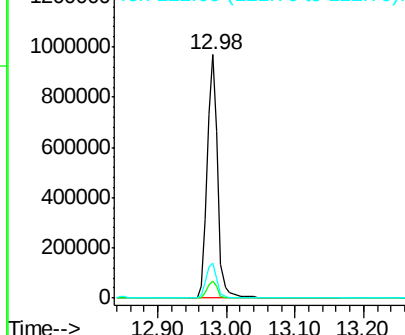
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.3	11.0	16.4

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





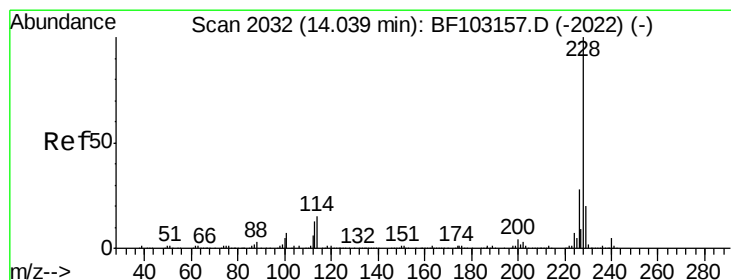
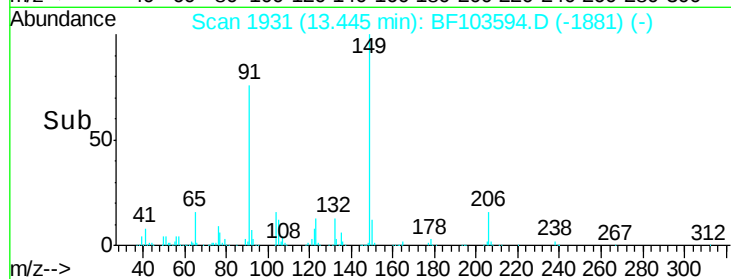
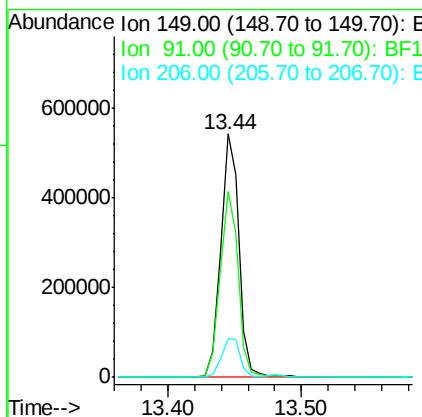
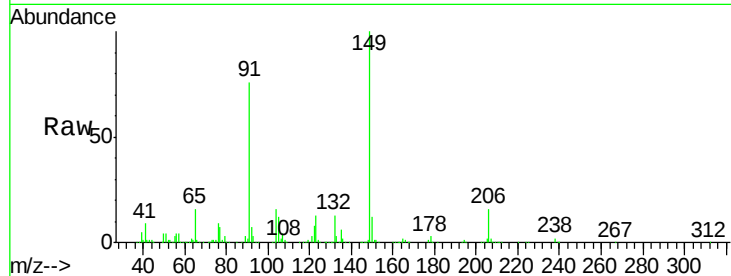
#79
Butylbenzylphthalate
Concen: 39.72 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	56.8	85.2
206	16.0	14.1	21.1

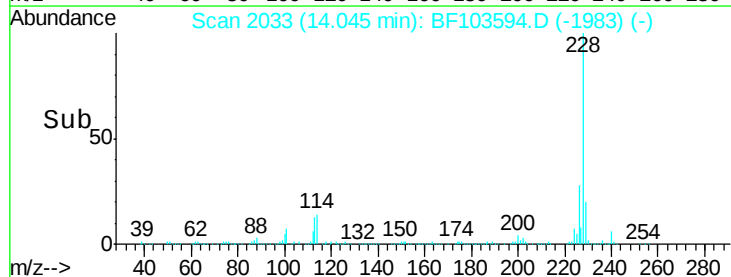
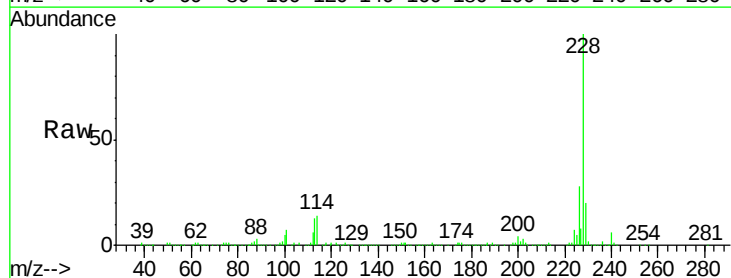
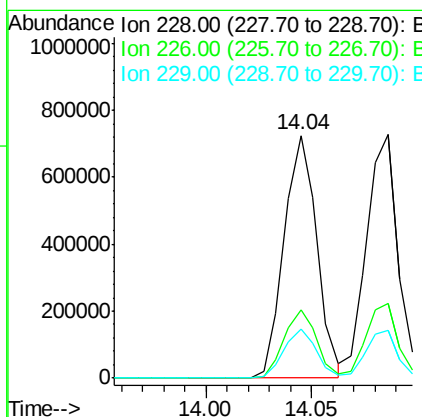
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 37.63 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.8	23.6





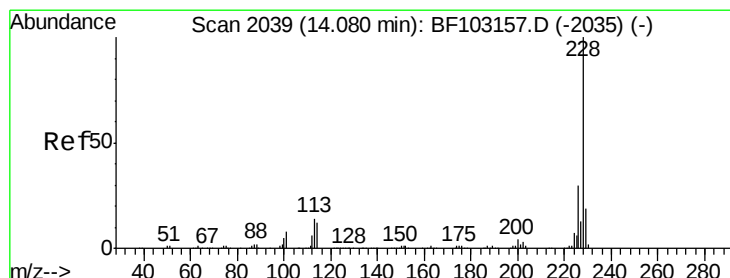
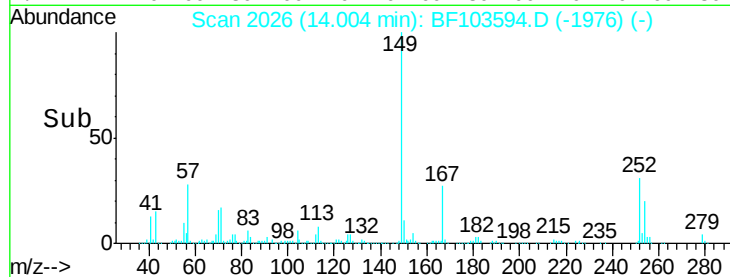
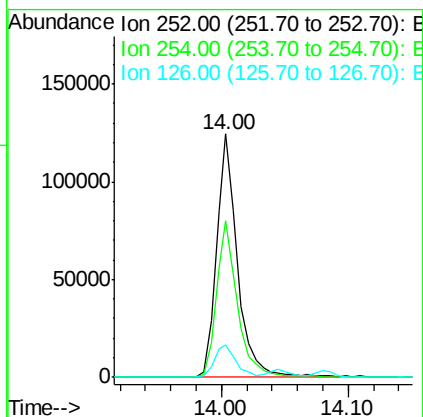
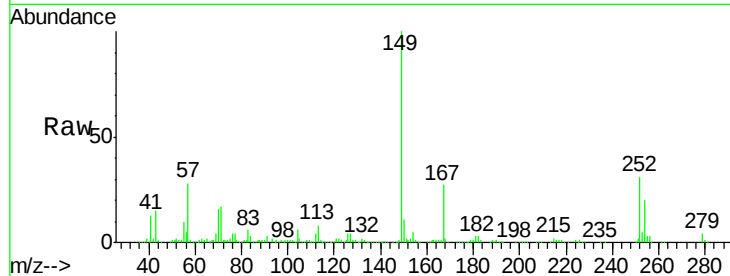
#81
 3,3'-Dichlorobenzidine
 Concen: 19.38 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	13.3	11.3	16.9

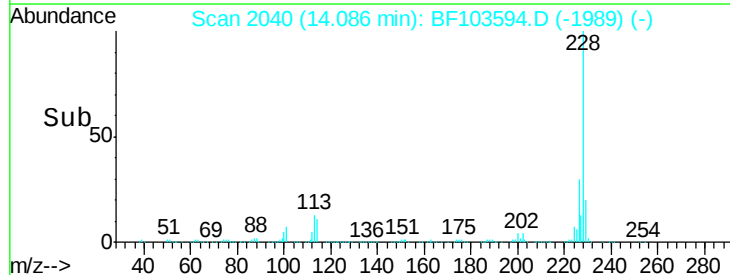
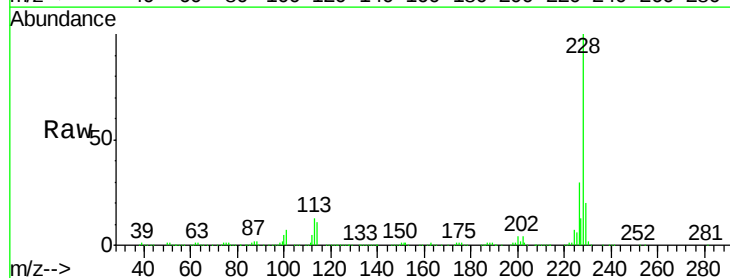
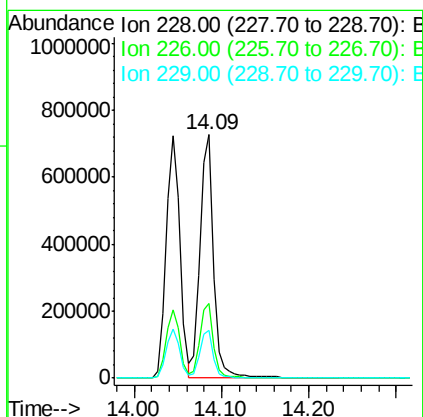
Manual Integrations
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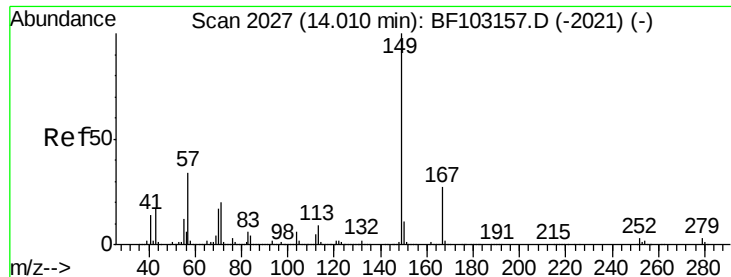
Sohil
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#82
 Chrysene
 Concen: 39.04 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.5	16.2	24.4





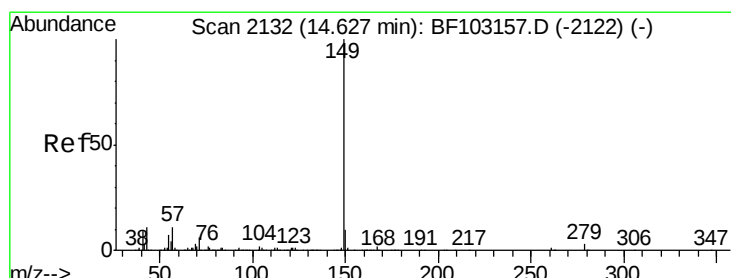
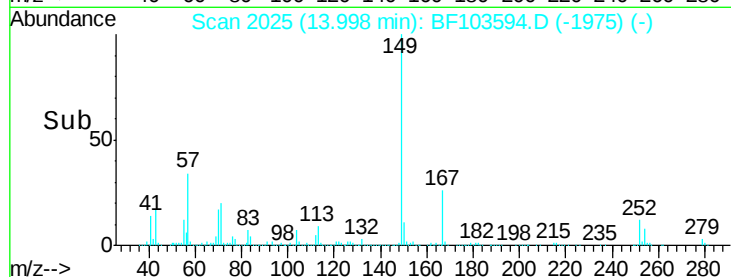
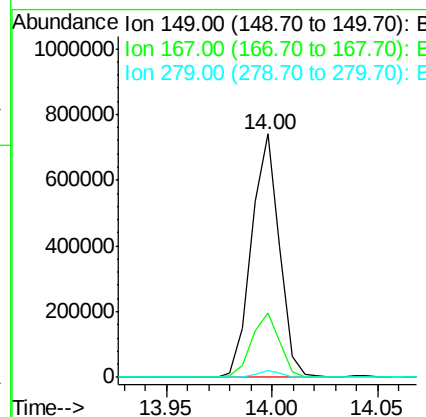
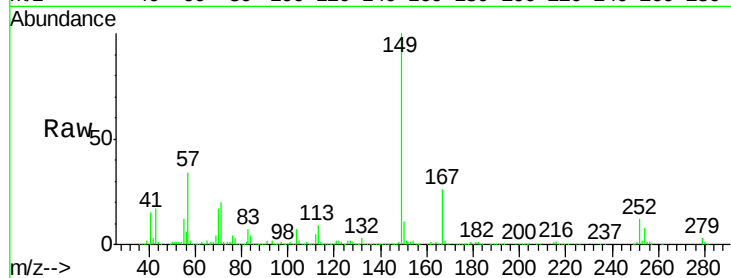
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.98 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.1	3.0	4.4

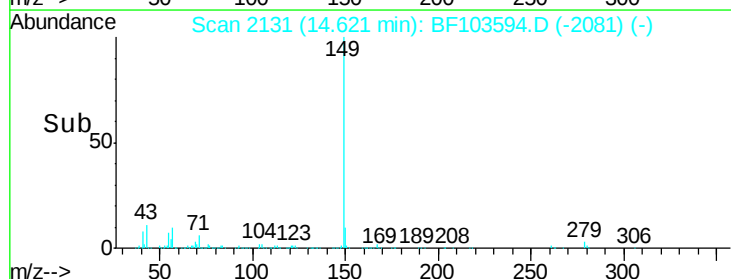
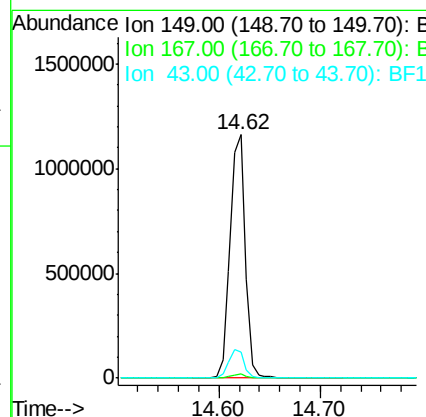
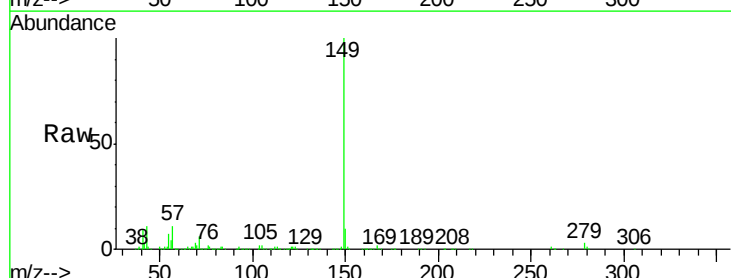
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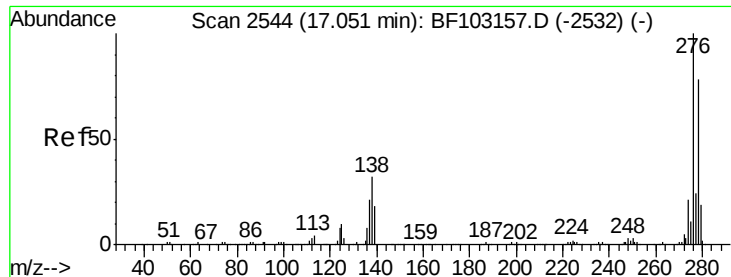
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 42.08 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6





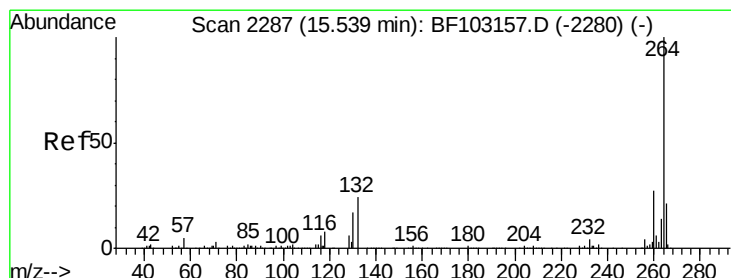
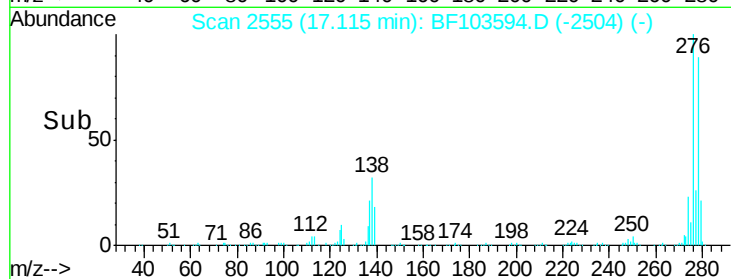
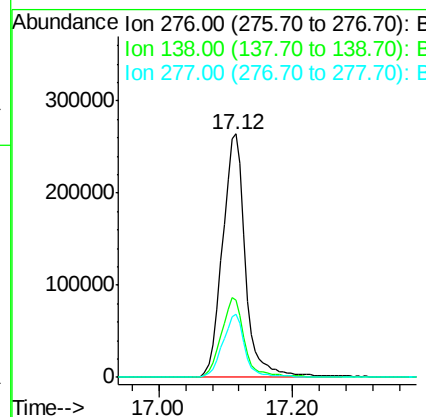
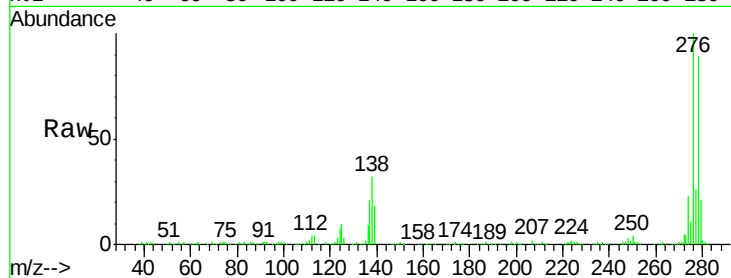
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.22 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.0	20.1	30.1

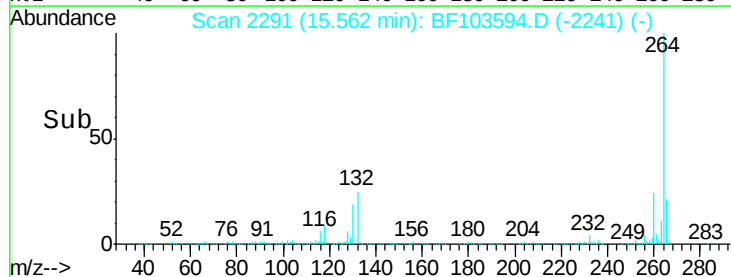
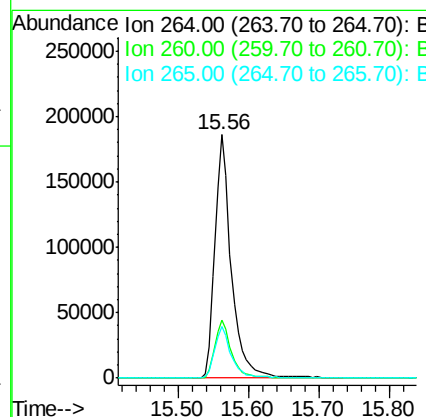
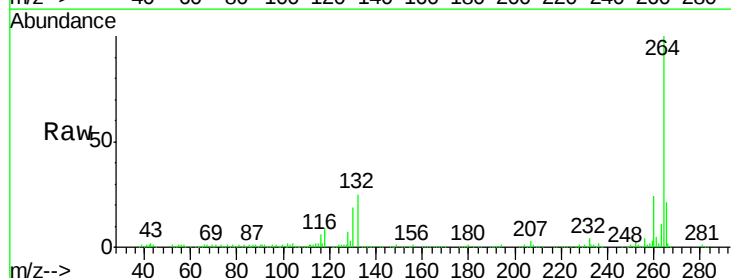
Manual Integrations
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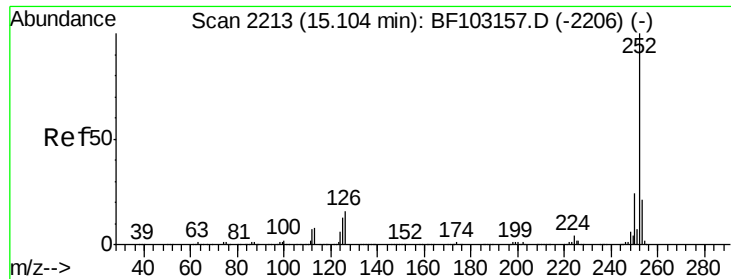
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 35.38 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Instrument :

BNA_F

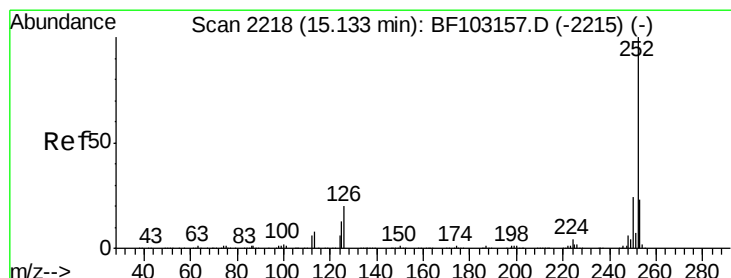
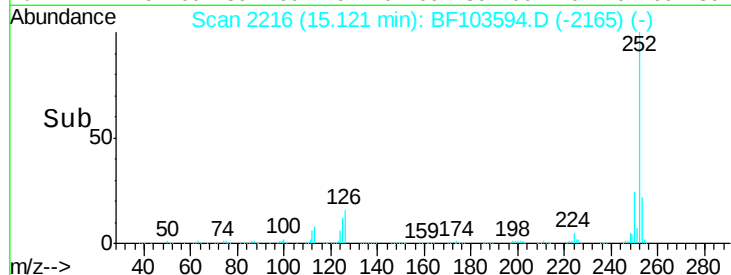
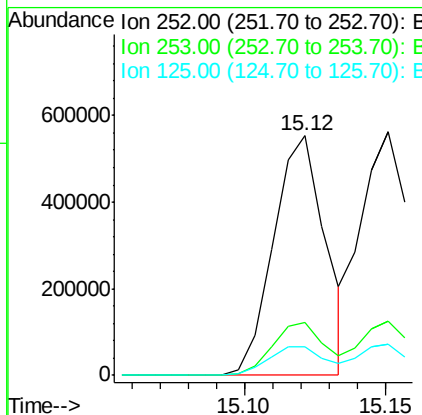
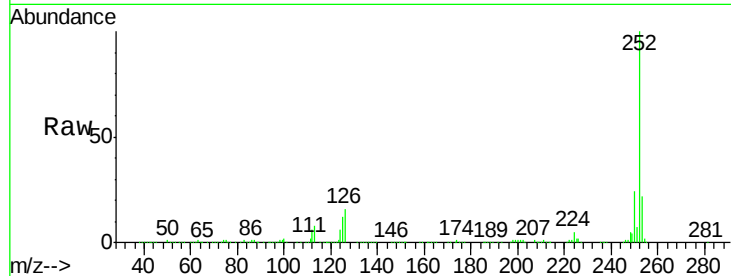
ClientSampleId :

PB107245BS

Tot Ion:	252	Resp:	703745
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	11.9	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.31 ng

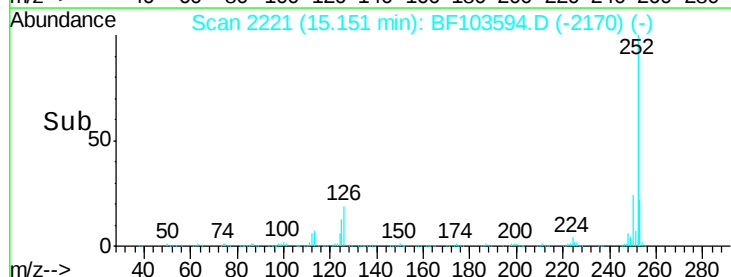
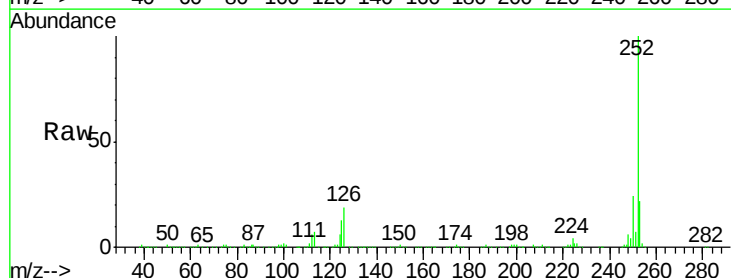
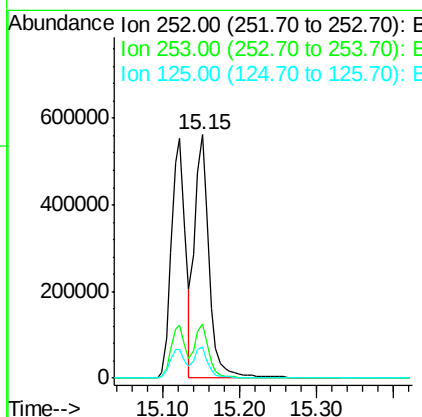
RT: 15.15 min Scan# 2221

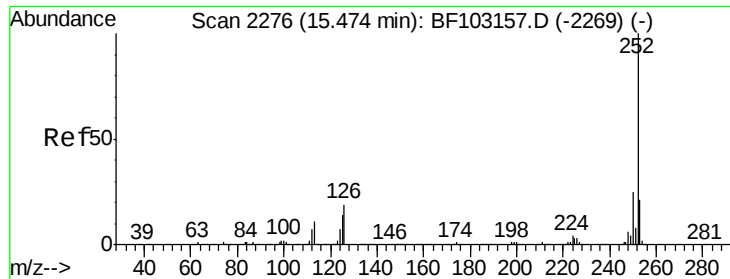
Delta R.T. 0.00 min

Lab File: BF103594.D

Acq: 12 Mar 2018 20:50

Tgt Ion:	252	Resp:	736309
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	13.0	10.2	15.2





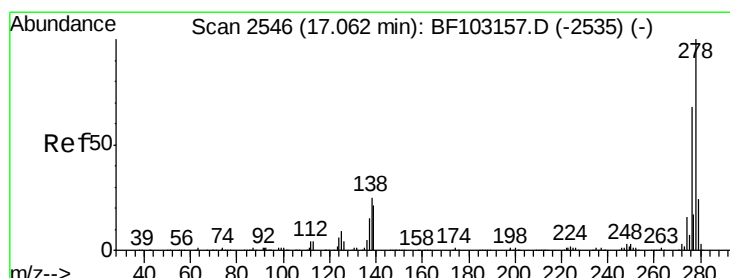
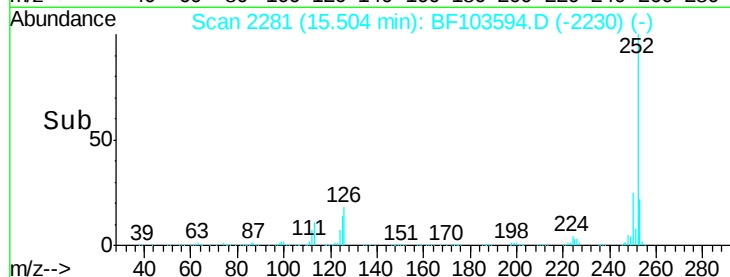
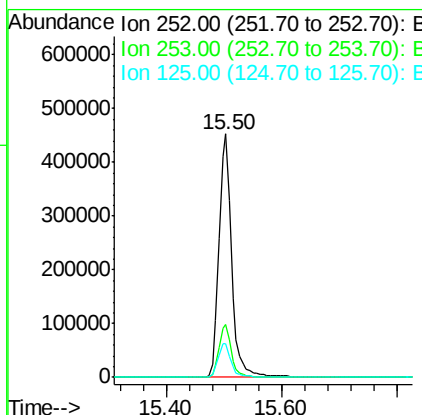
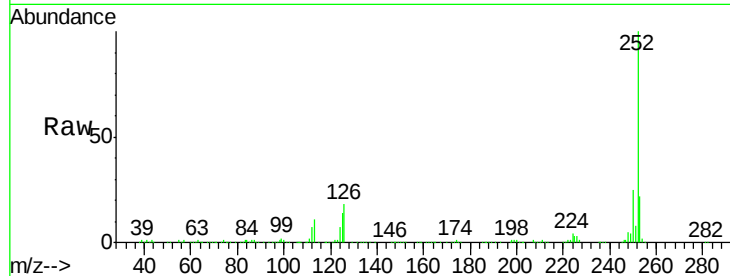
#89
Benzo(a)pyrene
Concen: 38.92 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.8	9.8	14.6

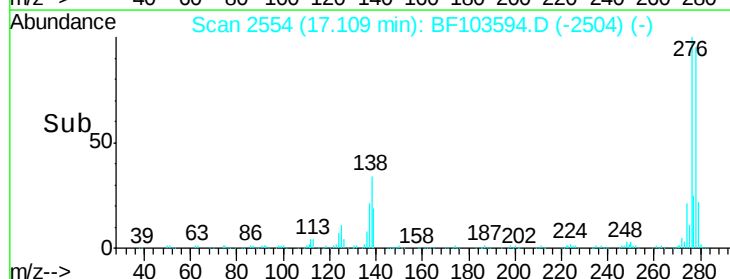
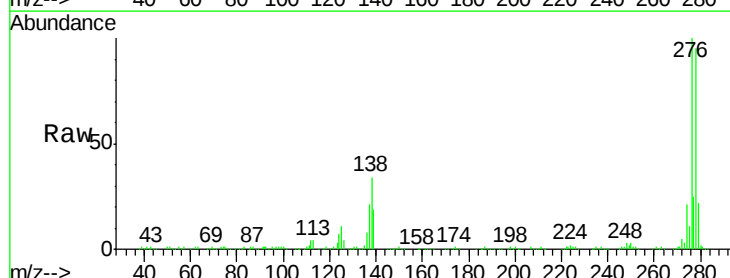
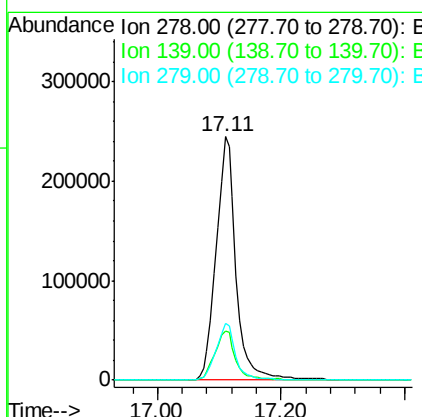
Manual Integrations
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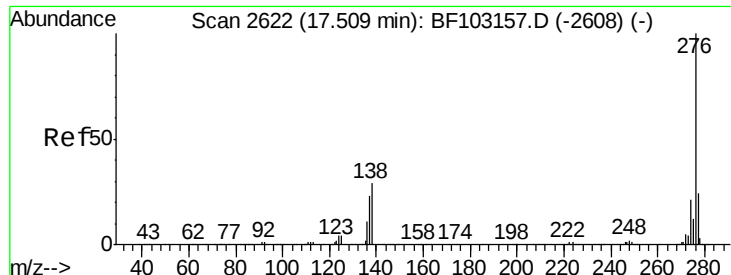
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.70 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF103594.D
Acq: 12 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.04 ng
 RT: 17.58 min Scan# 2634
 Delta R.T. -0.01 min
 Lab File: BF103594.D
 Acq: 12 Mar 2018 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion:	276	Resp:	550481
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	31.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:13:27 PM

