

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101220.D
 Acq On : 7 Dec 2017 22:01
 Operator : SJ/JU
 Sample : PB104800BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Manual Integrations
 APPROVED

Sohil
 12/8/2017 11:12:30 AM

Quant Time: Dec 08 01:07:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43607	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	162394	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	65660	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	113822	20.00	ng	0.00
75) Chrysene-d12	14.03	240	86246	20.00	ng	0.00
86) Perylene-d12	15.50	264	66442	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	189705	71.89	ng	0.00
7) Phenol-d6	6.48	99	220290	68.76	ng	0.00
23) Nitrobenzene-d5	7.41	82	192507	70.71	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	47179	59.81	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	397193	82.77	ng	0.00
78) Terphenyl-d14	12.96	244	297256	75.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	32508	29.790	ng	93
3) Pyridine	3.45	79	91424	32.318	ng	99
4) n-Nitrosodimethylamine	3.40	42	45566	32.979	ng	# 87
6) Aniline	6.50	93	49767	11.945	ng	# 90
8) 2-Chlorophenol	6.63	128	95504	33.192	ng	96
9) Benzaldehyde	6.39	77	30639	15.625	ng	95
10) Phenol	6.49	94	109639	30.775	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	84370	31.573	ng	98
12) 1,3-Dichlorobenzene	6.78	146	110815	33.075	ng	97
13) 1,4-Dichlorobenzene	6.86	146	112572	32.453	ng	97
14) 1,2-Dichlorobenzene	7.01	146	104019	32.150	ng	97
15) Benzyl Alcohol	6.99	79	73582	29.735	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	132175	36.389	ng	95
17) 2-Methylphenol	7.10	107	73105	31.465	ng	97
18) Hexachloroethane	7.35	117	26490	23.770	ng	# 82
19) n-Nitroso-di-n-propylamine	7.25	70	62411	28.924	ng	90
20) 3+4-Methylphenols	7.25	107	95494	31.515	ng	# 54
22) Acetophenone	7.25	105	124771	31.802	ng	# 90
24) Nitrobenzene	7.43	77	88511	33.174	ng	97
25) Isophorone	7.66	82	160777	34.576	ng	99
26) 2-Nitrophenol	7.75	139	31536	21.532	ng	91
27) 2,4-Dimethylphenol	7.78	122	78965	37.270	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	103619	33.155	ng	97
29) 2,4-Dichlorophenol	7.99	162	74332	32.231	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	83589	32.962	ng	96
31) Naphthalene	8.15	128	257334	32.152	ng	99
32) Benzoic acid	7.89	122	31107	18.877	ng	94
33) 4-Chloroaniline	8.20	127	32484	10.101	ng	99
34) Hexachlorobutadiene	8.26	225	50940	32.751	ng	98
35) Caprolactam	8.57	113	20218m	28.130	ng	
36) 4-Chloro-3-methylphenol	8.69	107	71005	29.722	ng	93
37) 2-Methylnaphthalene	8.84	142	170271	31.310	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	77025	32.292	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	3995	12.298	ng	95

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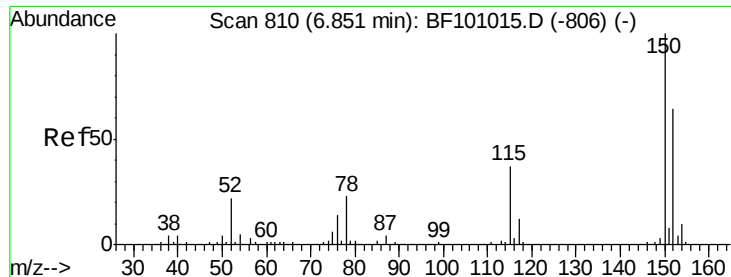
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	47879	34.241	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	49305	32.983	nq	# 89
45) 1,1'-Biphenyl	9.30	154	194971	32.410	nq	96
46) 2-Chloronaphthalene	9.33	162	151448	35.449	nq	93
47) 2-Nitroaniline	9.43	65	45365	35.890	nq	93
48) Acenaphthylene	9.75	152	223418	31.821	nq	98
49) Dimethylphthalate	9.60	163	182729	34.508	nq	100
50) 2,6-Dinitrotoluene	9.67	165	30075	26.966	nq	94
51) Acenaphthene	9.92	154	129440	30.789	nq	99
52) 3-Nitroaniline	9.85	138	42533	33.911	nq	88
53) 2,4-Dinitrophenol	9.97	184	1375	7.080	nq	# 18
54) Dibenzofuran	10.09	168	195121	32.206	nq	99
55) 4-Nitrophenol	10.01	139	39796	47.048	nq	98
56) 2,4-Dinitrotoluene	10.08	165	34413	23.023	nq	90
57) Fluorene	10.43	166	150941	30.647	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	37912	31.675	nq	# 85
59) Diethylphthalate	10.30	149	172153	32.961	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	78368	32.227	nq	92
61) 4-Nitroaniline	10.46	138	38537	29.599	nq	93
62) Azobenzene	10.58	77	131834	29.743	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	1601	2.097	nq	85
65) n-Nitrosodiphenylamine	10.54	169	137752	34.305	nq	96
66) 4-Bromophenyl-phenylether	10.91	248	44910	35.250	nq	89
67) Hexachlorobenzene	10.99	284	45546	33.356	nq	# 85
68) Atrazine	11.07	200	42131	34.204	nq	97
69) Pentachlorophenol	11.18	266	35464	47.236	nq	98
70) Phenanthrene	11.40	178	204026	32.550	nq	98
71) Anthracene	11.45	178	211924	33.406	nq	98
72) Carbazole	11.61	167	182531	31.491	nq	98
73) Di-n-butylphthalate	11.93	149	241583	33.253	nq	98
74) Fluoranthene	12.59	202	214184	30.826	nq	94
76) Benzidine	12.72	184	174787	62.322	nq	98
77) Pyrene	12.82	202	217167	36.491	nq	99
79) Butylbenzylphthalate	13.43	149	94416	35.984	nq	96
80) Benzo(a)anthracene	14.02	228	179033	32.878	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	66863	35.454	nq	# 96
82) Chrysene	14.05	228	168004	33.220	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	133041	35.561	nq	99
84) Di-n-octyl phthalate	14.60	149	208160	33.417	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	125508	27.915	nq	# 91
87) Benzo(b)fluoranthene	15.07	252	134293	33.745	nq	98
88) Benzo(k)fluoranthene	15.10	252	139416	35.557	nq	# 95
89) Benzo(a)pyrene	15.44	252	127823	35.329	nq	# 97
90) Dibenzo(a,h)anthracene	17.00	278	106573	33.412	nq	# 93
91) Benzo(g,h,i)perylene	17.44	276	101928	33.909	nq	# 90

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



#1

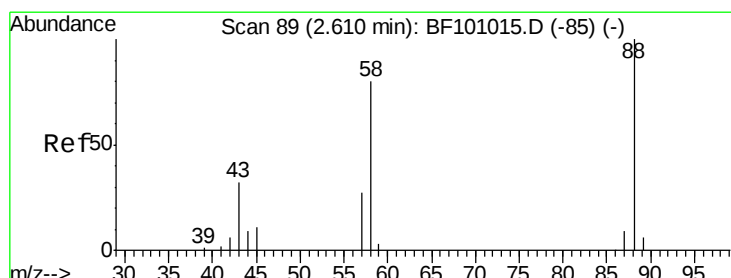
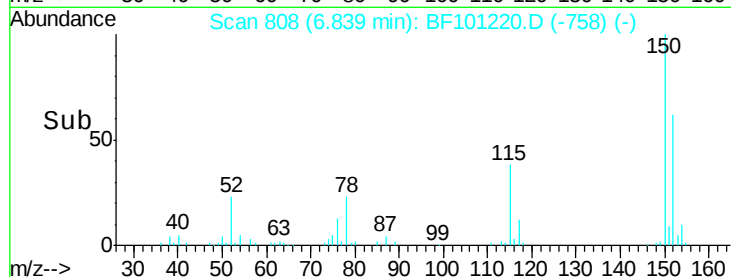
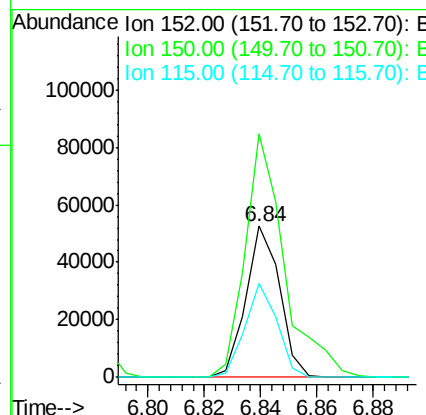
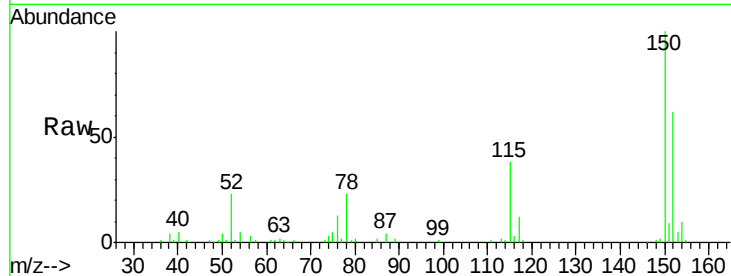
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	61.7	50.1	75.1

Manual Integrations
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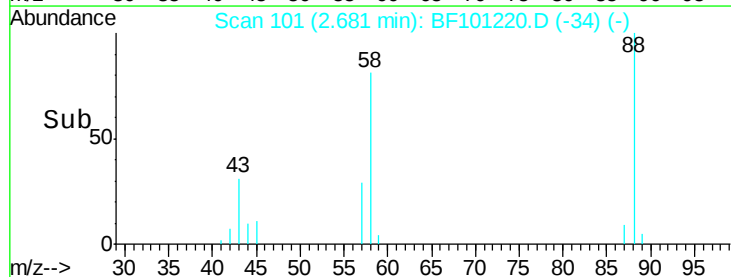
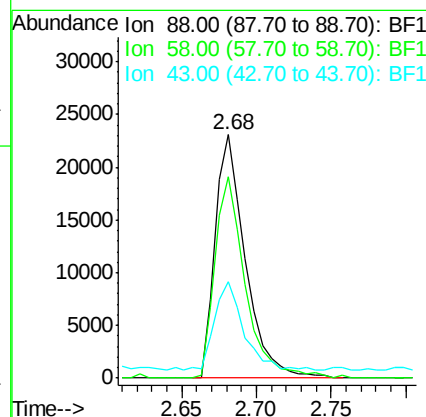
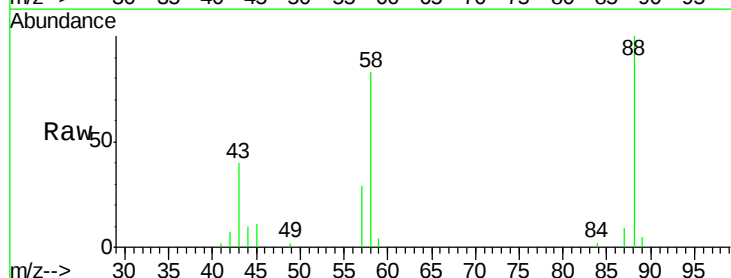
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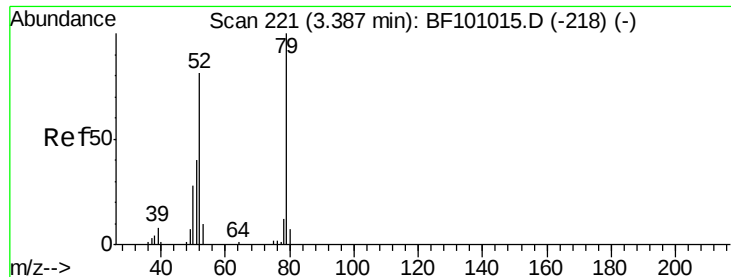


#2

1,4-Dioxane
Concen: 29.790 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.6	93.8
43	35.3	24.6	37.0





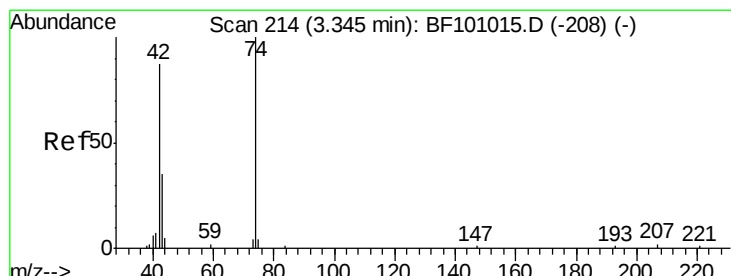
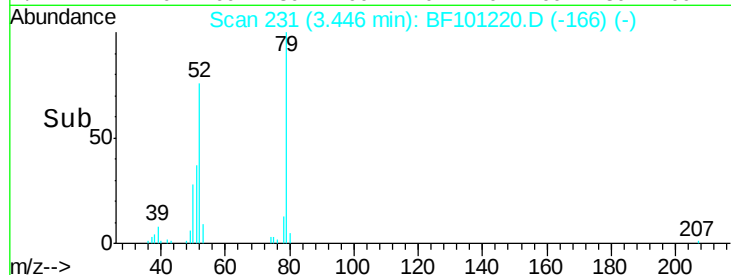
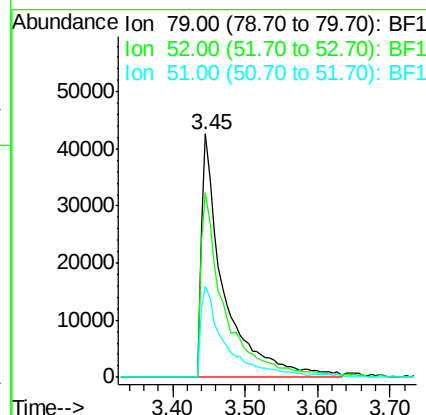
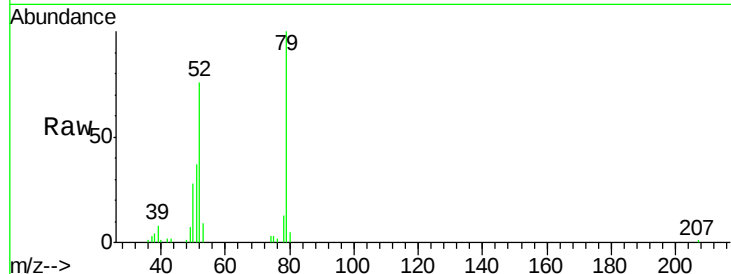
#3
 Pvridine
 Concen: 32.318 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampled :
 PB104800BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.1	59.8	89.6
51	37.3	29.8	44.8

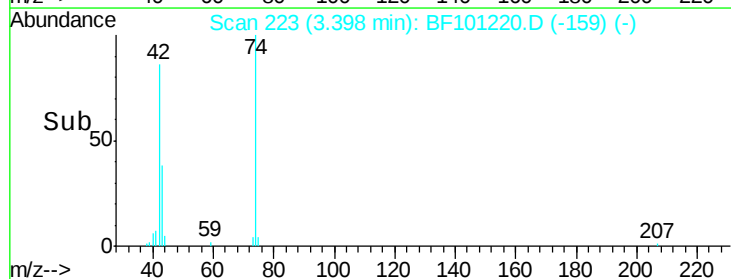
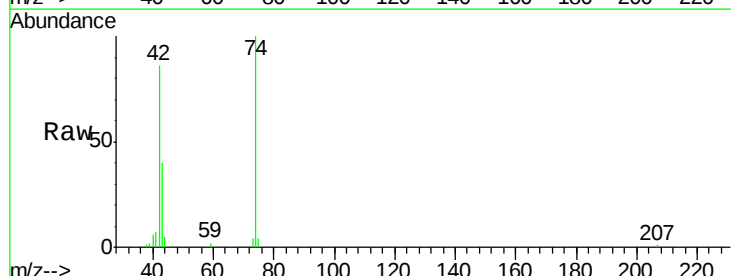
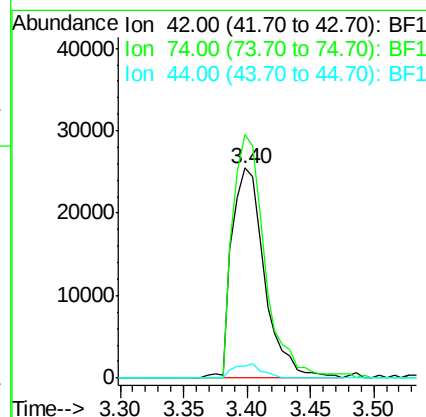
Manual Integrations
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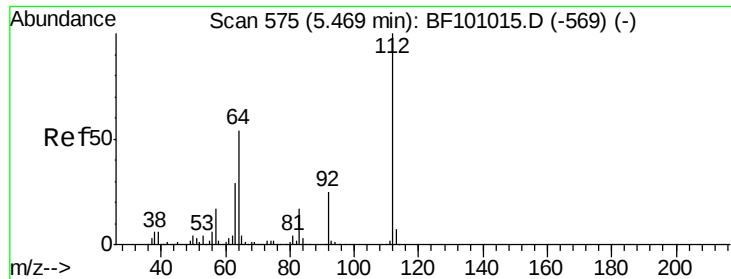
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#4
 n-Nitrosodimethylamine
 Concen: 32.979 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.0	104.9	157.3
44	5.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 71.887 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

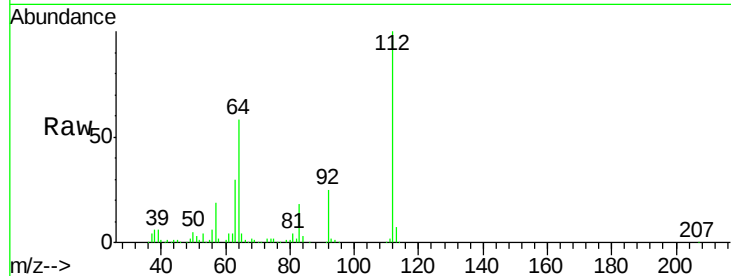
ClientSampleId :

PB104800BSD

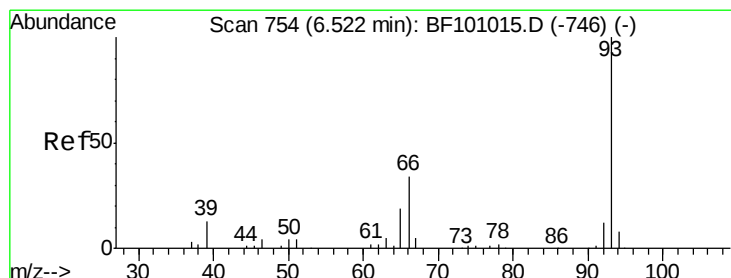
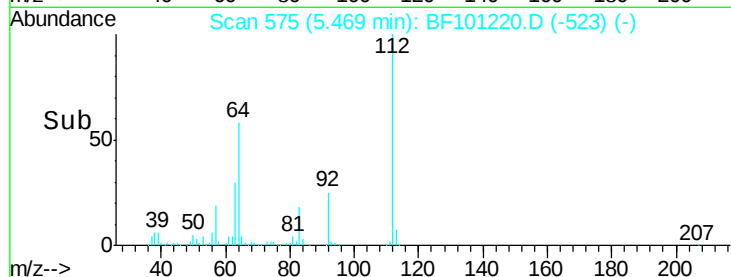
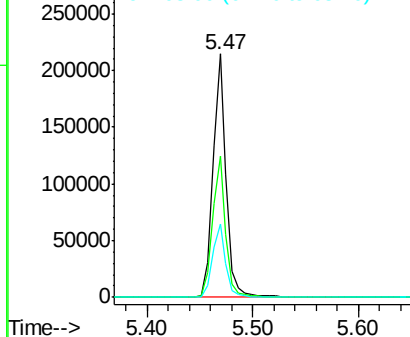
Tot Ion	Ratio	Resp	Lower	Upper
112	100	189705		
64	58.1	47.9	71.9	
63	30.4	23.7	35.5	

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.945 ng

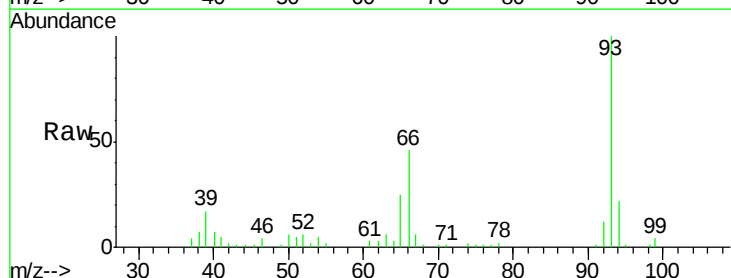
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

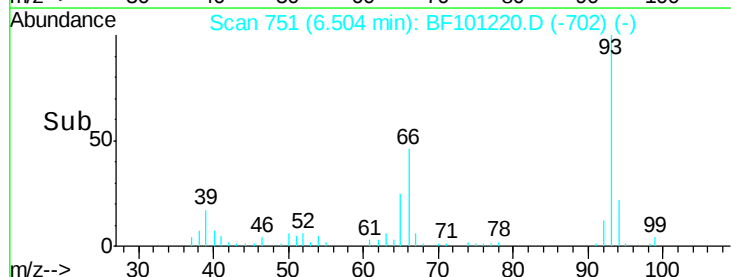
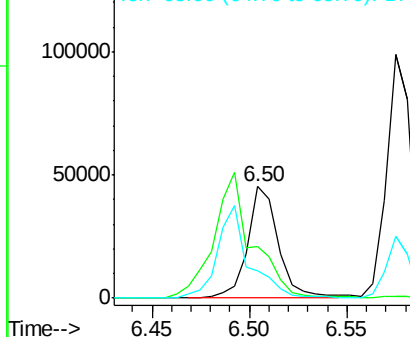
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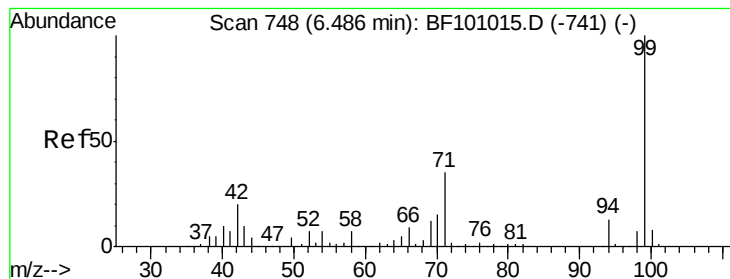
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	49767		
66	46.3	32.2	48.2	
65	24.7	16.4	24.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.756 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

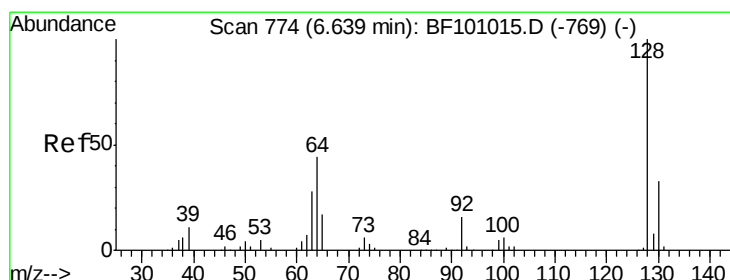
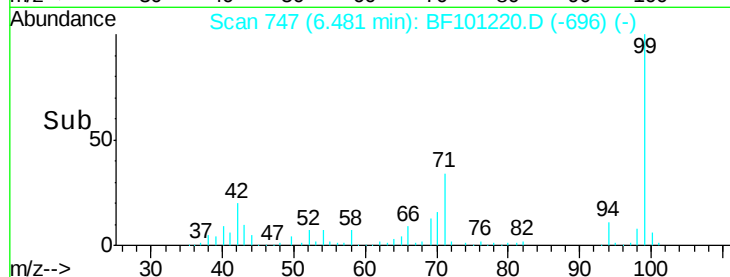
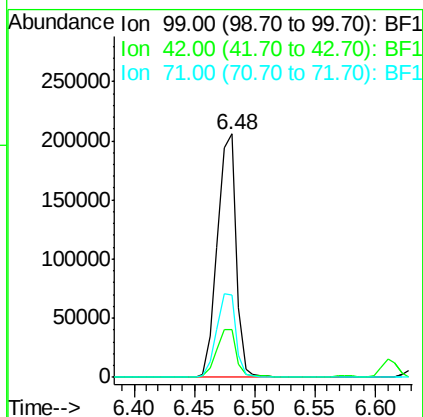
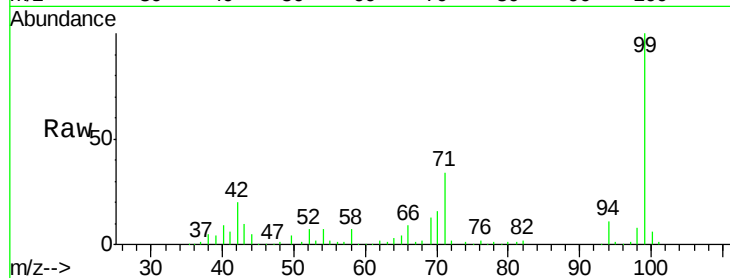
ClientSampled :

PB104800BSD

Tot Ion:	99	Resp:	220290
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	34.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 33.192 ng

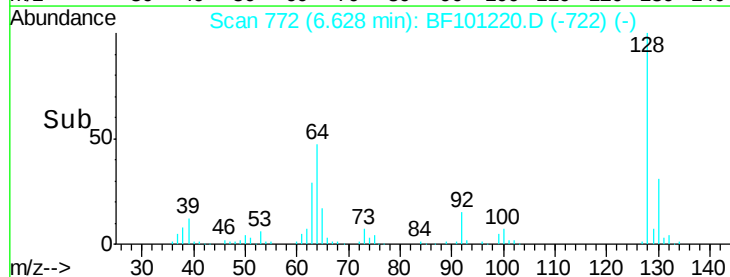
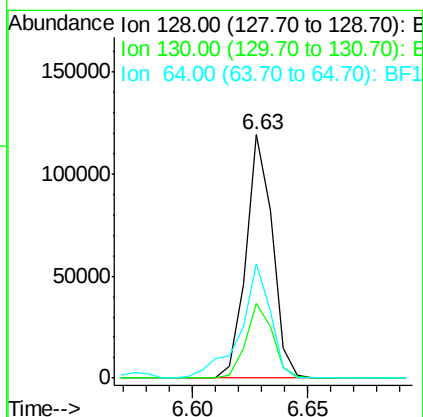
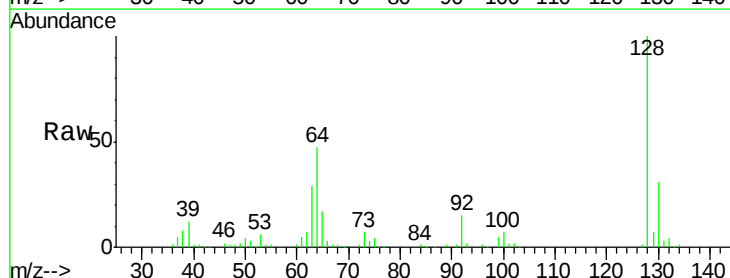
RT: 6.63 min Scan# 772

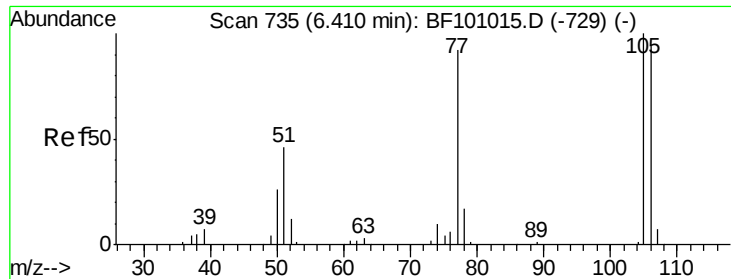
Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	128	Resp:	95504
Ion Ratio	Lower	Upper	
128	100		
130	30.9	13.0	53.0
64	46.7	29.4	69.4





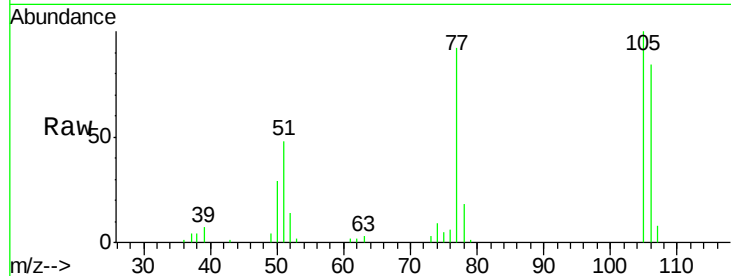
#9
Benzaldehyde
Concen: 15.625 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

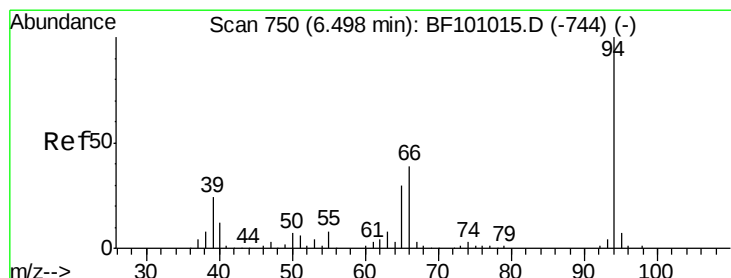
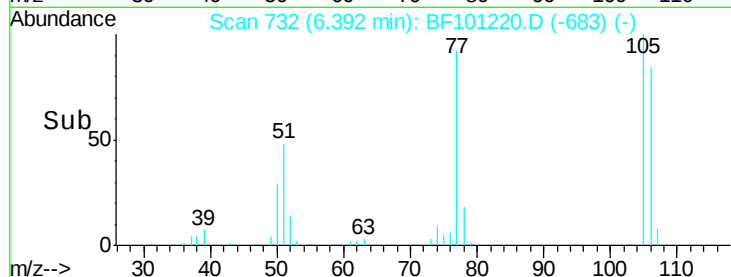
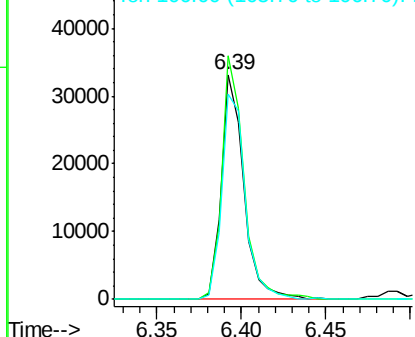
Tot Ion: 77 Resp: 30639
Ion Ratio Lower Upper
77 100
105 108.3 81.1 121.1
106 91.4 74.5 114.5

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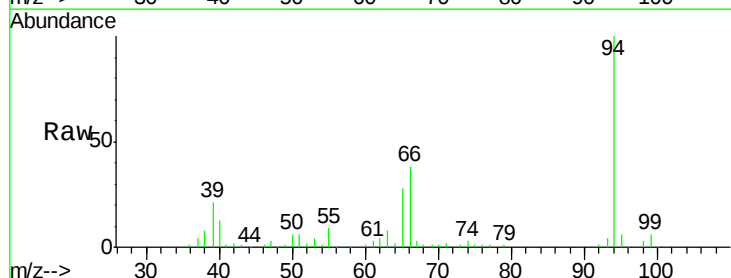


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

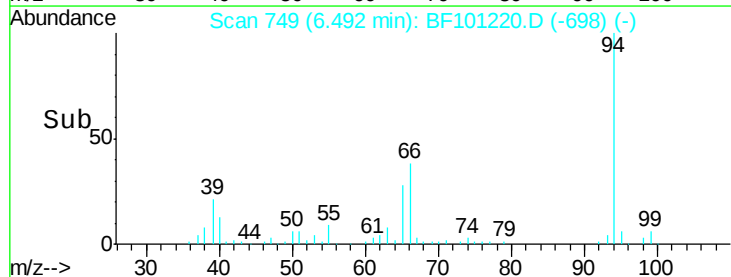
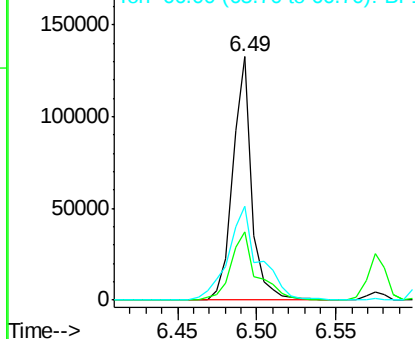


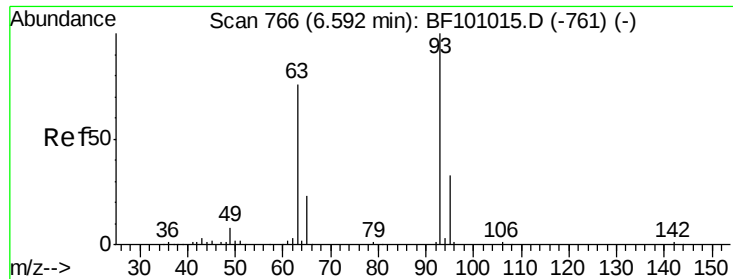
#10
Phenol
Concen: 30.775 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion: 94 Resp: 109639
Ion Ratio Lower Upper
94 100
65 28.2 7.9 47.9
66 38.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





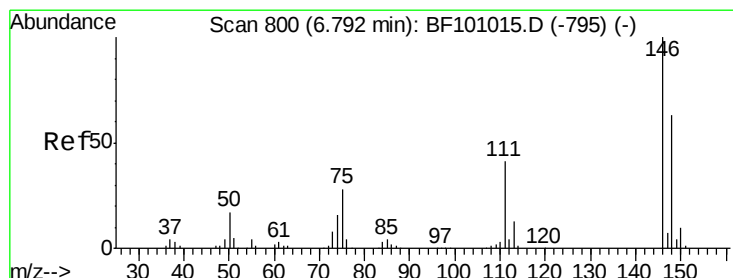
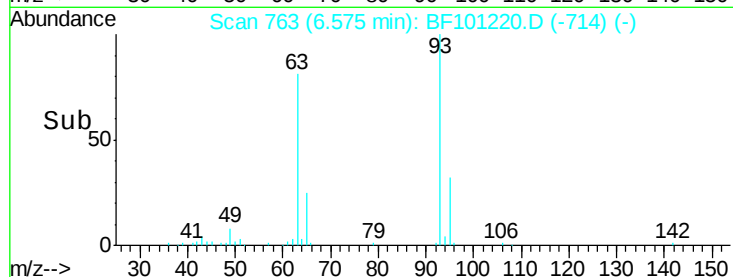
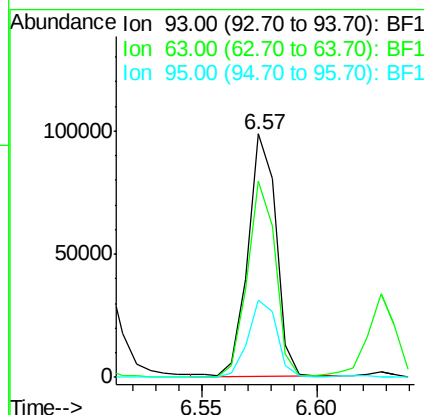
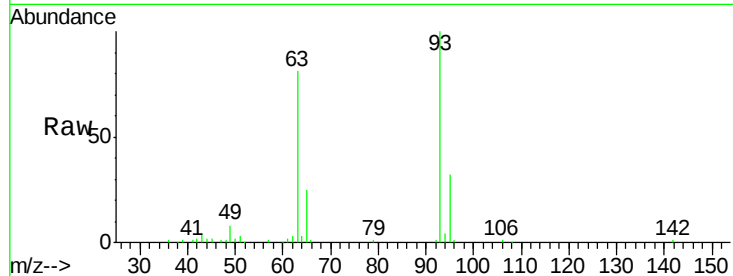
#11
bis(2-Chloroethyl)ether
Concen: 31.573 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.6	98.6
95	31.7	11.8	51.8

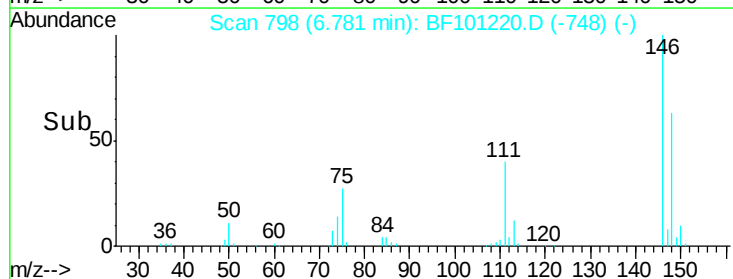
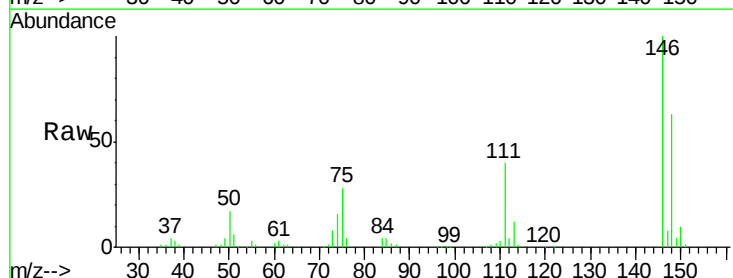
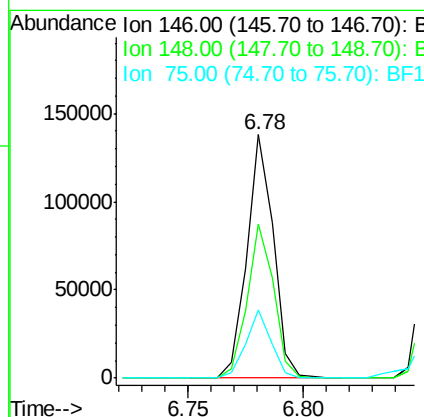
Manual Integrations
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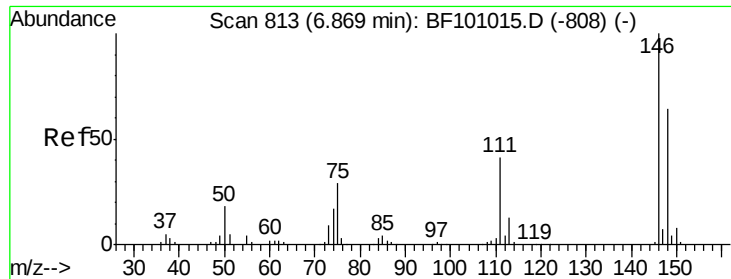
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.075 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	28.2	24.2	36.4





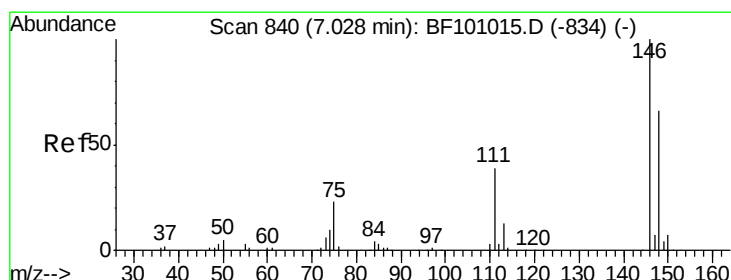
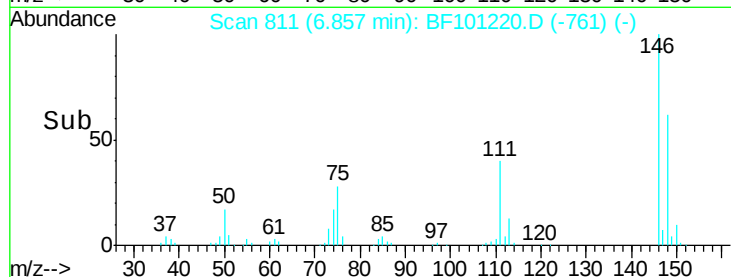
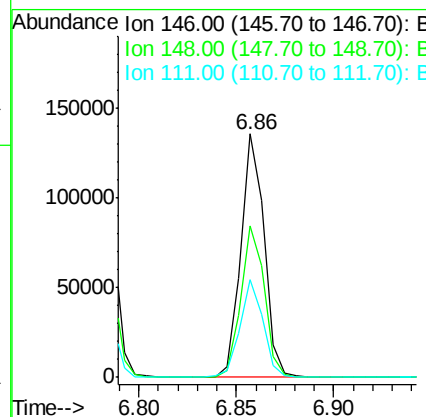
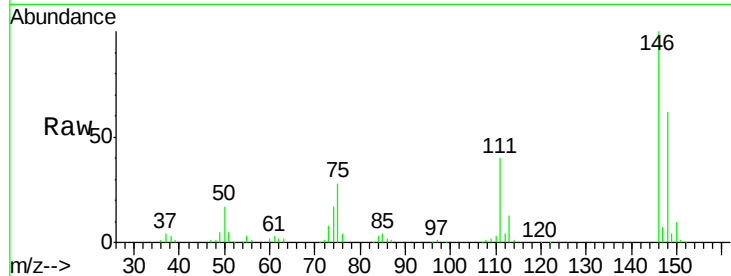
#13
1,4-Dichlorobenzene
Concen: 32.453 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.8	76.2
111	40.0	34.2	51.2

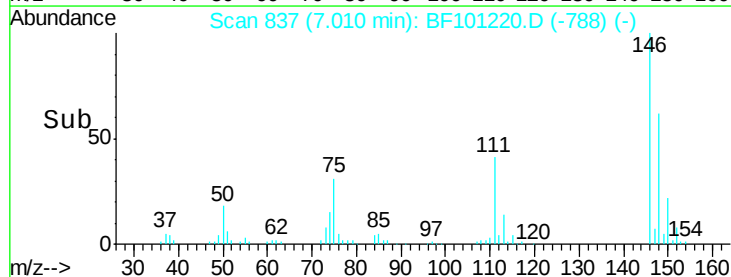
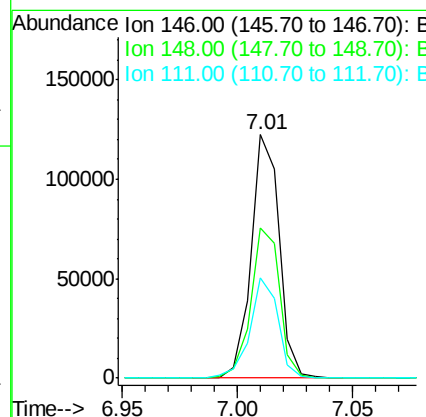
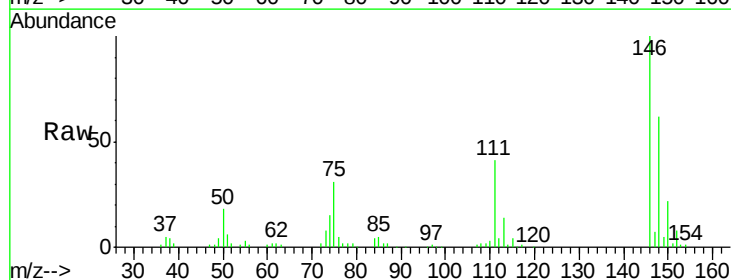
Manual Integrations
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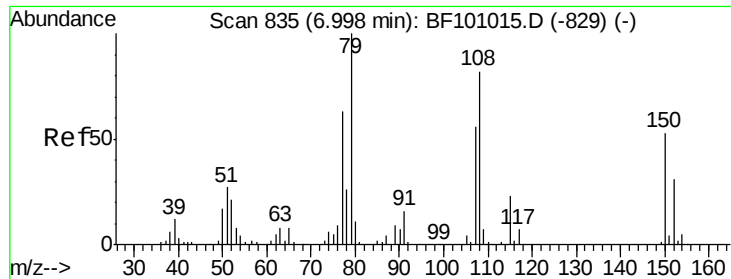
Sohil
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#14
1,2-Dichlorobenzene
Concen: 32.150 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.6	75.8
111	41.1	36.0	54.0





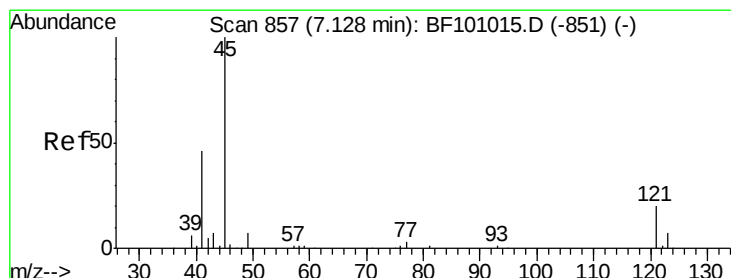
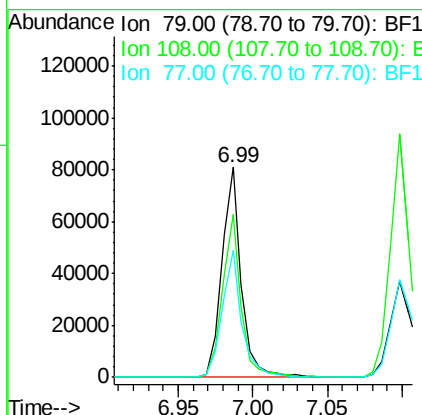
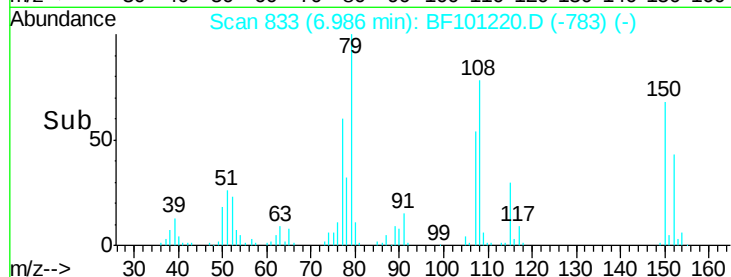
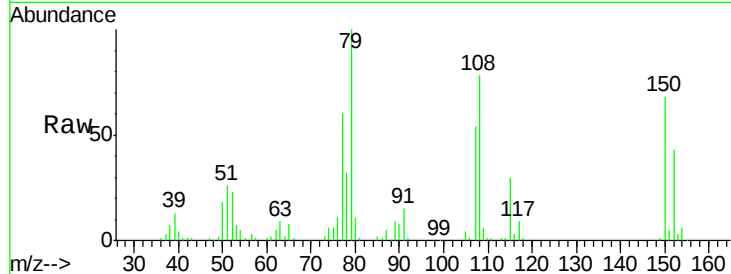
#15
Benzyl Alcohol
Concen: 29.735 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	65.1	97.7
77	60.4	50.6	75.8

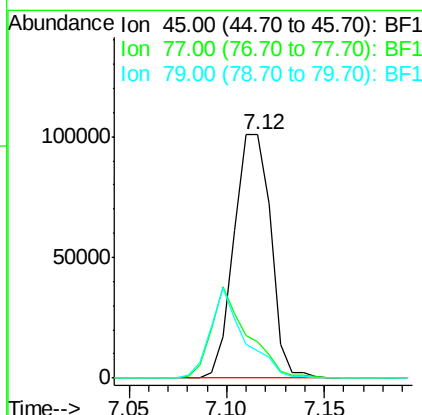
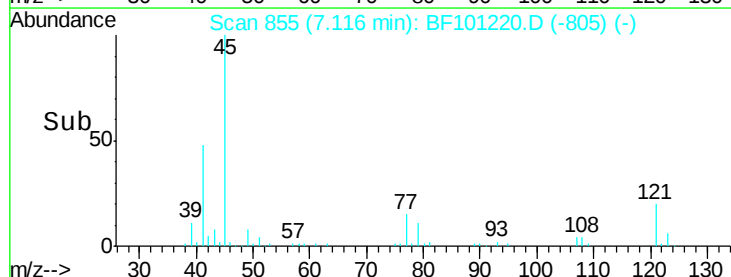
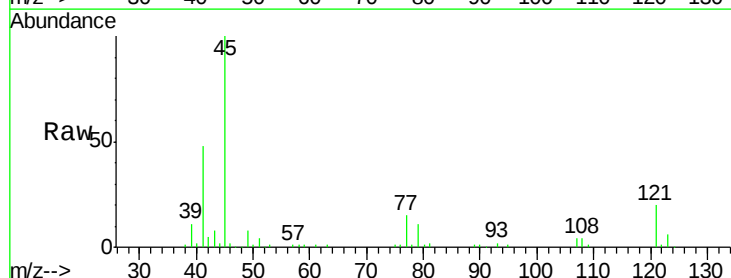
Manual Integrations
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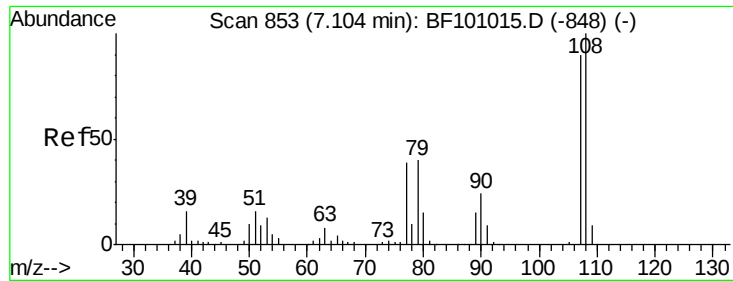
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.389 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	32.9
79	11.2	0.0	29.6





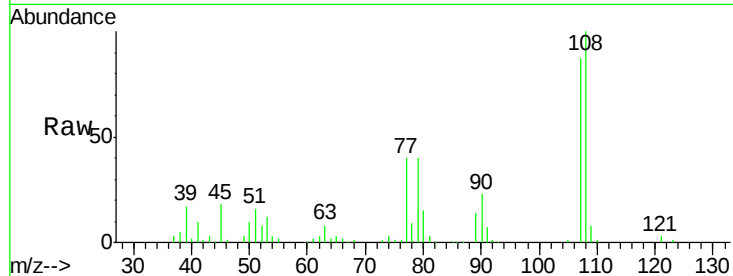
#17
2-Methylphenol
Concen: 31.465 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion:	107	Resp:	73105
Ion Ratio	Lower	Upper	
107	100		
108	115.3	91.7	137.5
77	46.5	33.8	50.8
79	45.7	33.8	50.8

Manual Integrations
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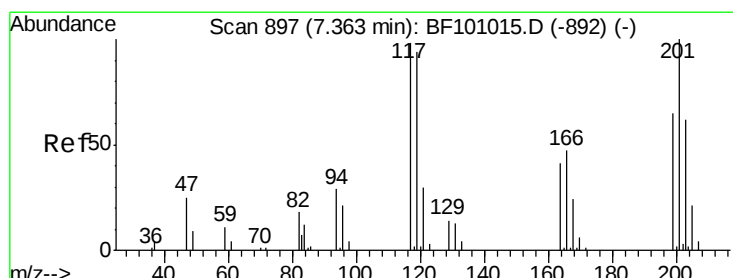
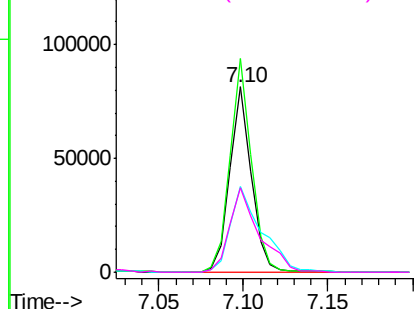
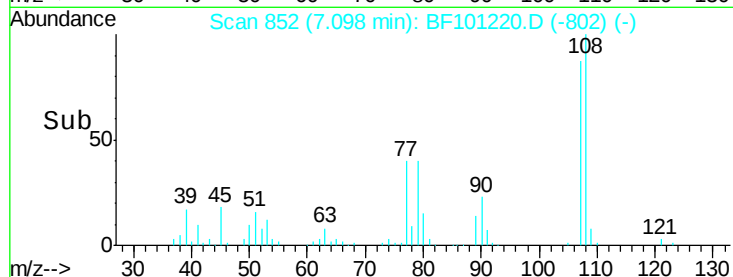
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

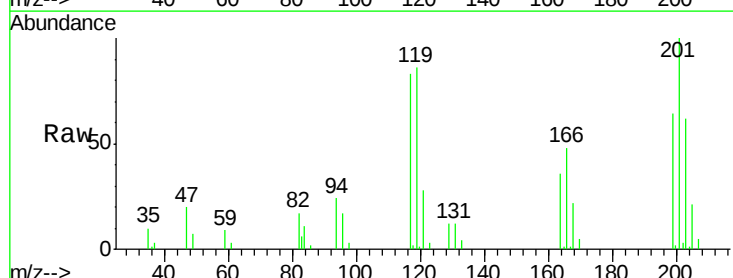
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 23.770 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:	117	Resp:	26490
Ion Ratio	Lower	Upper	
117	100		
119	103.2	75.8	113.8
201	120.7	75.7	113.5#

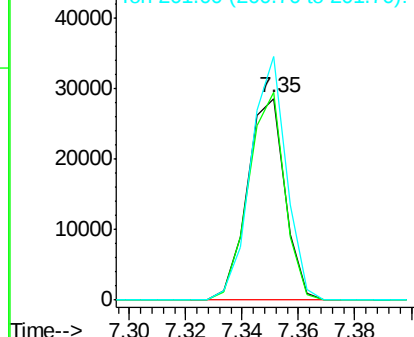
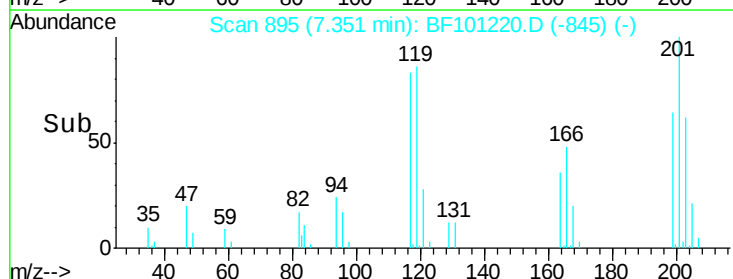


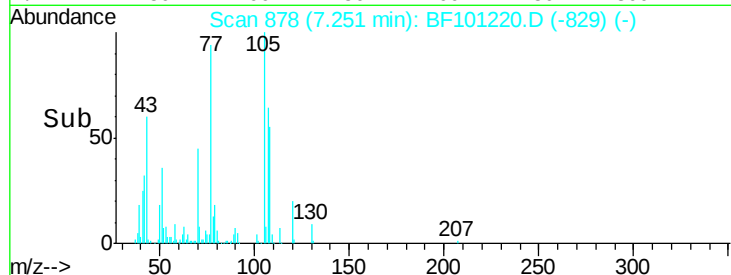
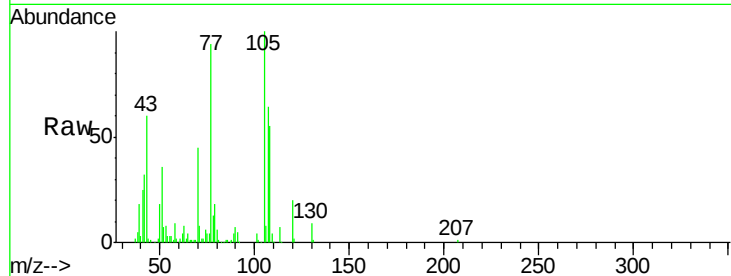
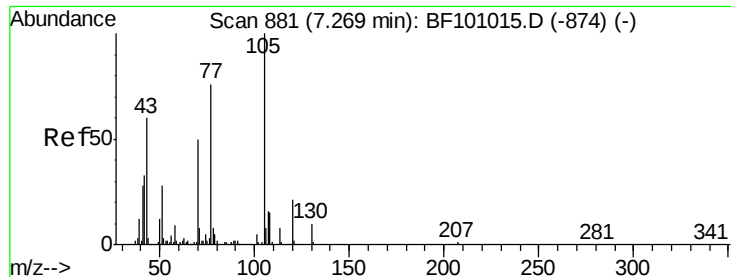
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





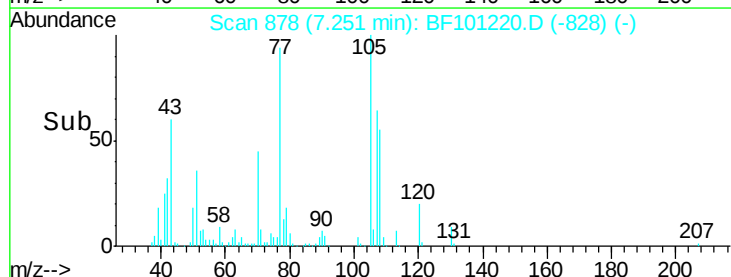
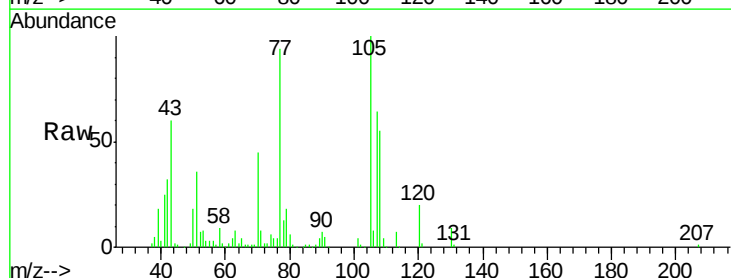
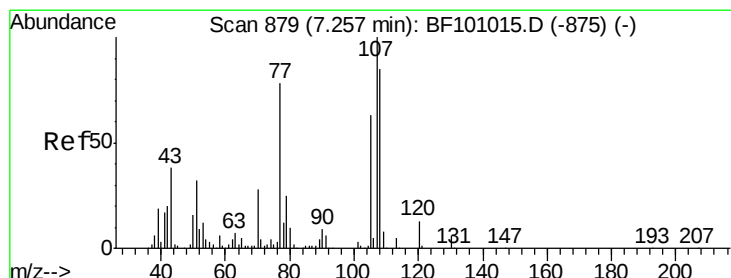
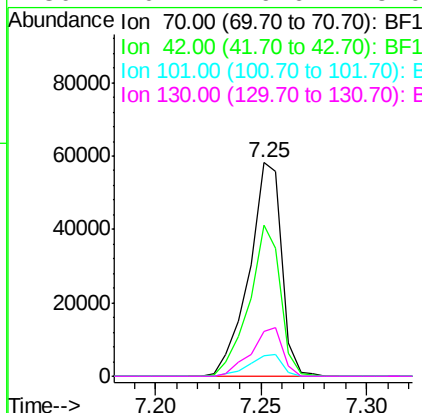
#19
n-Nitroso-di-n-propylamine
Concen: 28.924 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

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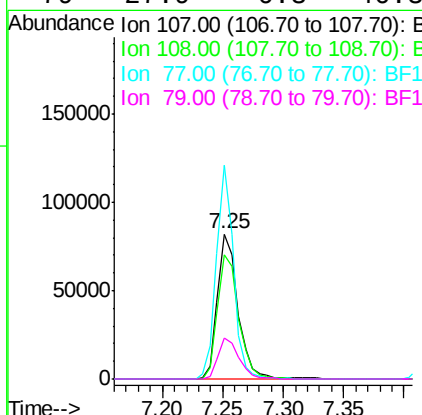
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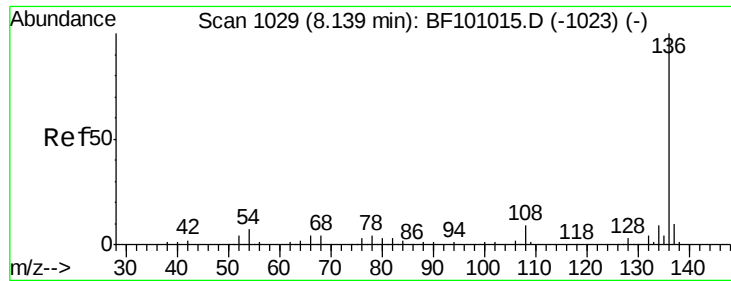
Tot Ion	70	Resp	62411
Ion	Ratio	Lower	Upper
70	100		
42	71.0	47.5	71.3
101	9.9	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.515 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	107	Resp	95494
Ion	Ratio	Lower	Upper
107	100		
108	85.6	68.2	108.2
77	147.4	26.7	66.7#
79	27.9	6.3	46.3





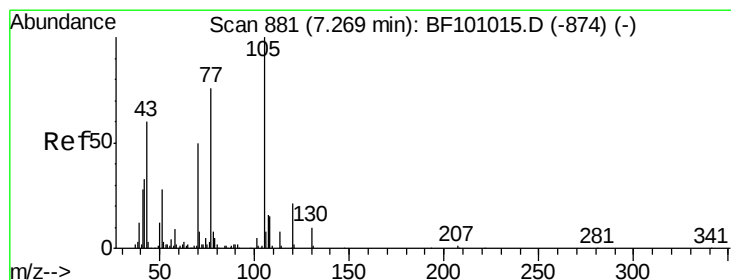
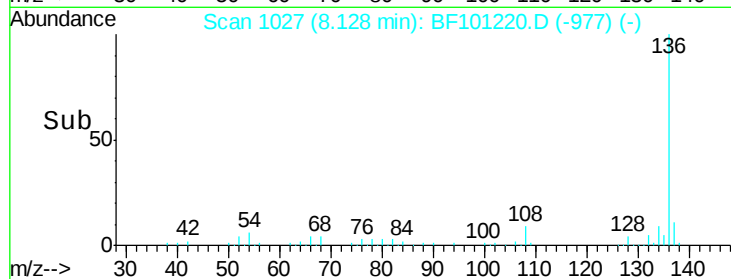
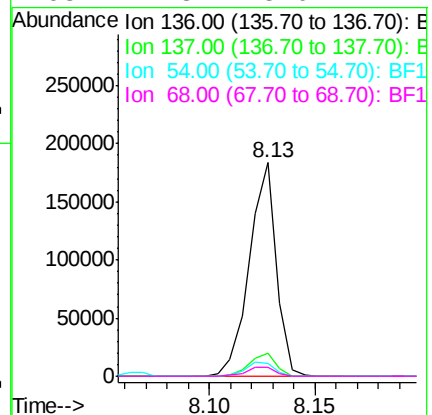
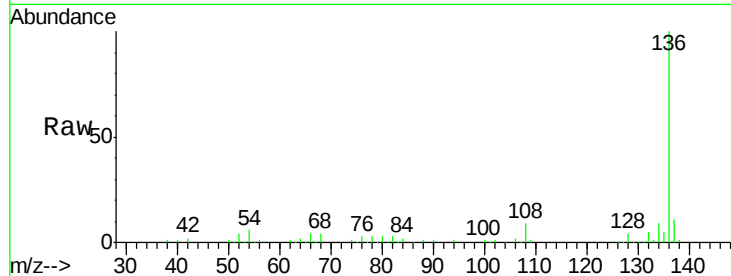
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	6.6	9.8#
68	4.3	5.0	7.4#

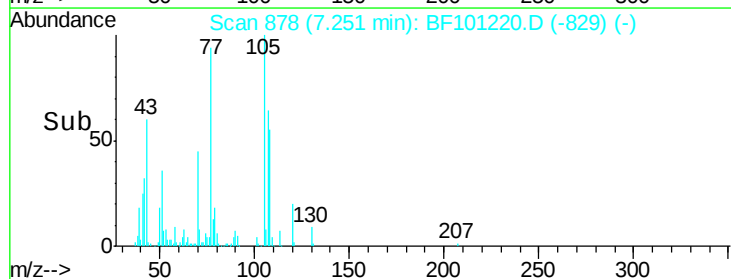
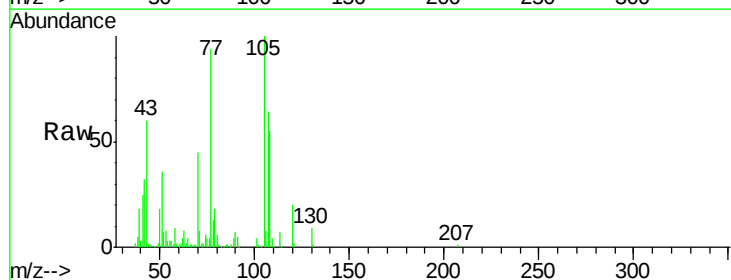
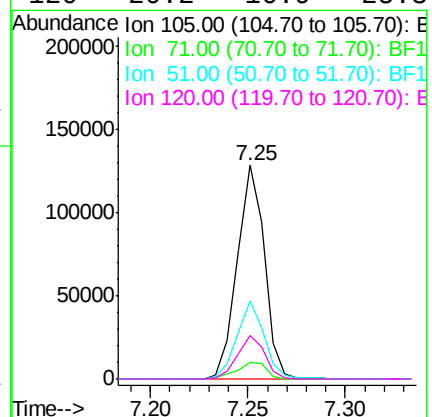
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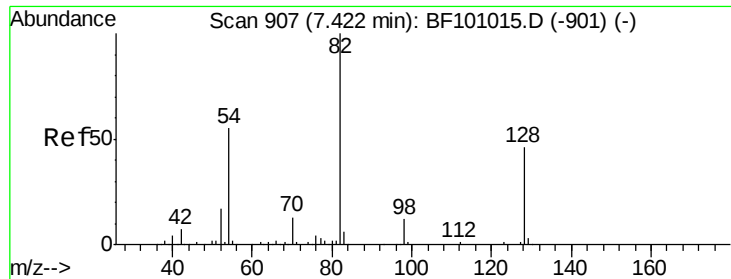
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#22
Acetophenone
Concen: 31.802 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	36.4	22.3	33.5#
120	20.2	16.9	25.3





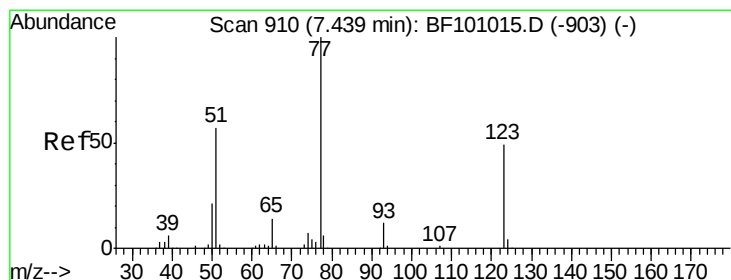
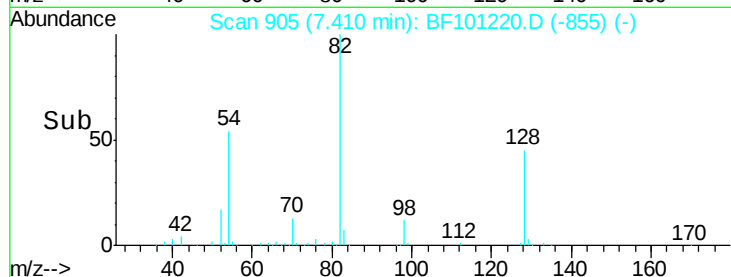
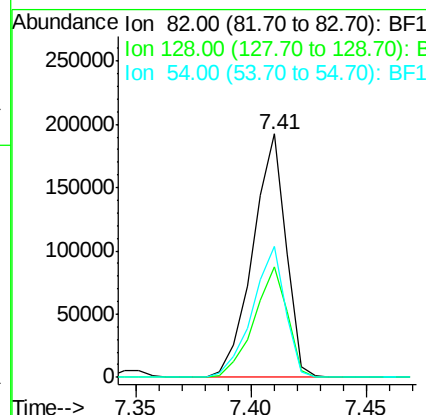
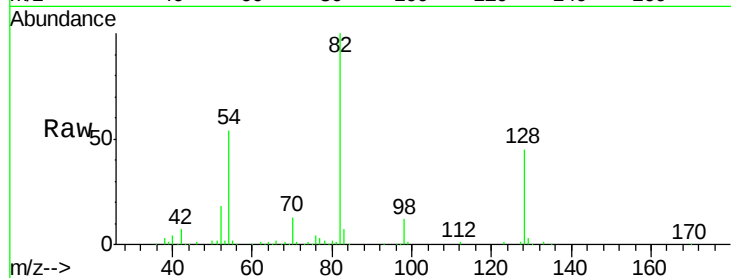
#23
Nitrobenzene-d5
Concen: 70.715 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampled :
PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	192507		
128	45.4	36.1	54.1	
54	53.6	41.4	62.2	

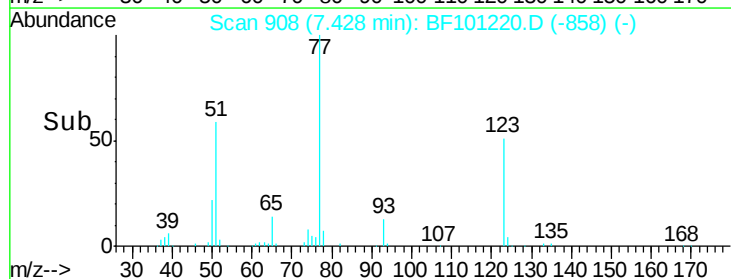
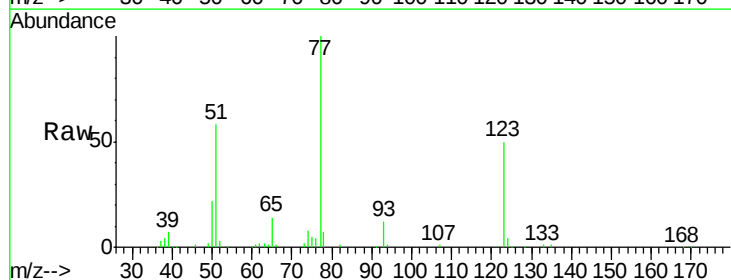
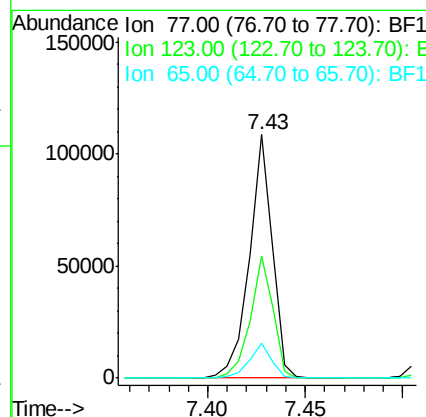
Manual Integrations
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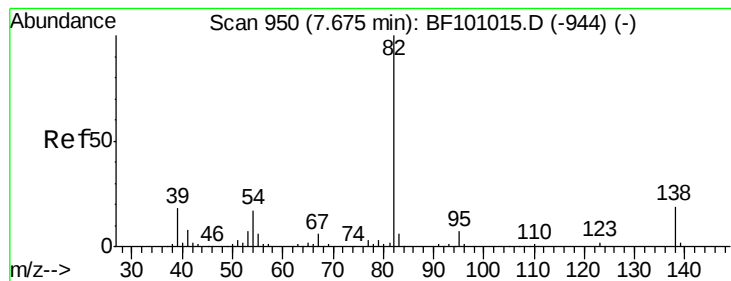
Sohil
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#24
Nitrobenzene
Concen: 33.174 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	88511		
123	50.1	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 34.576 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

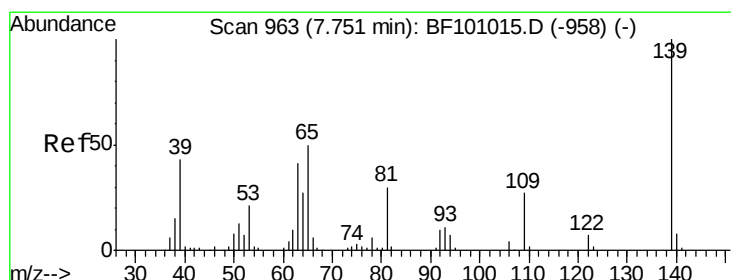
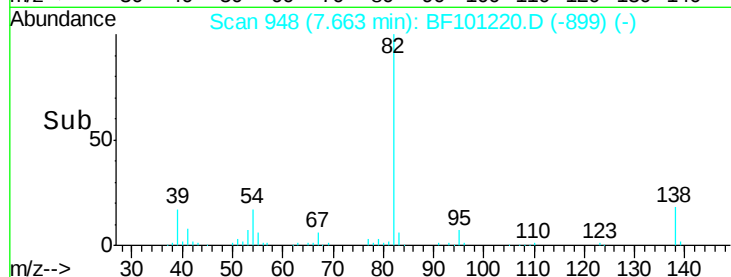
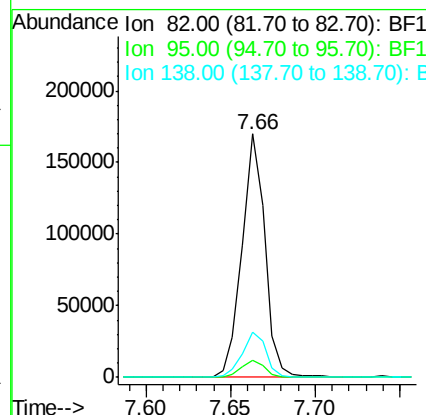
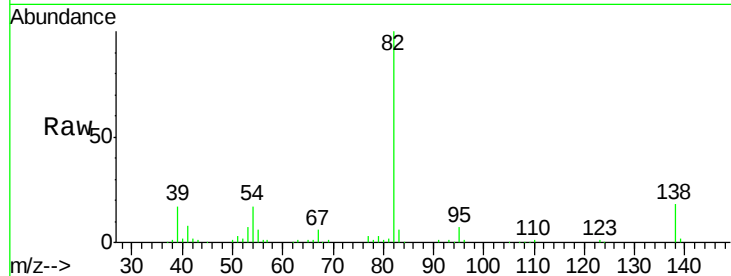
ClientSampleId :

PB104800BSD

Tot Ion:	82	Resp:	160777
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.532 ng

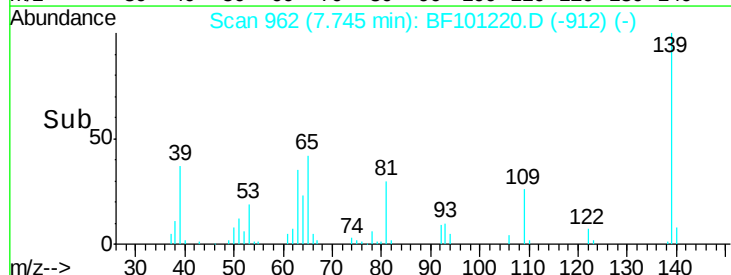
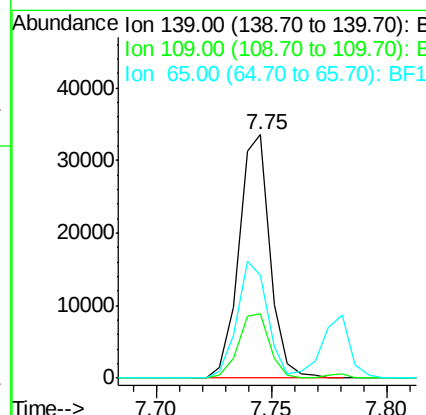
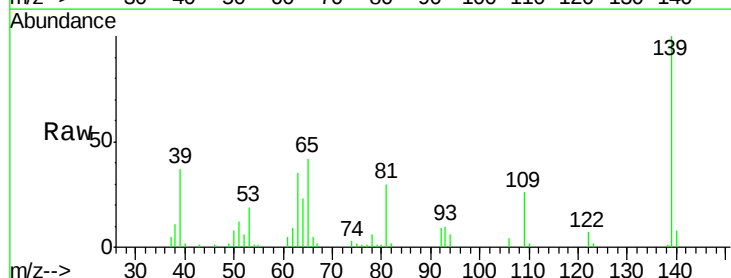
RT: 7.75 min Scan# 962

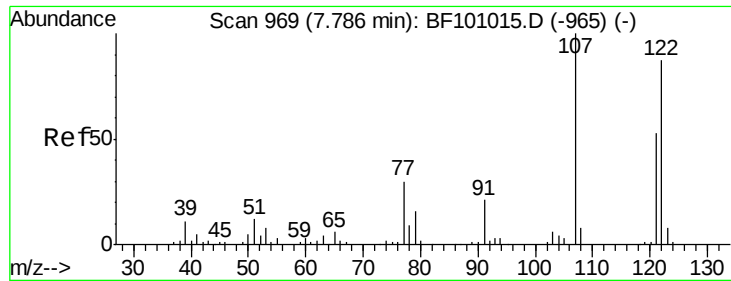
Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	139	Resp:	31536
Ion Ratio		Lower	Upper
139	100		
109	26.3	22.7	34.1
65	42.4	40.5	60.7





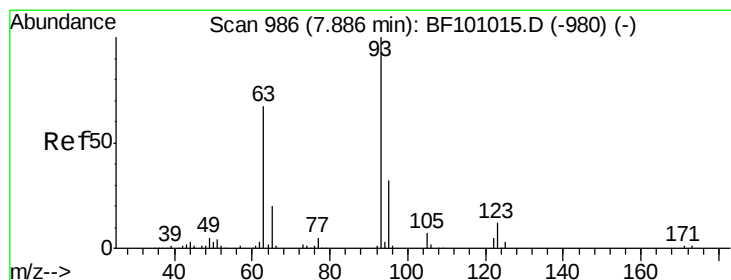
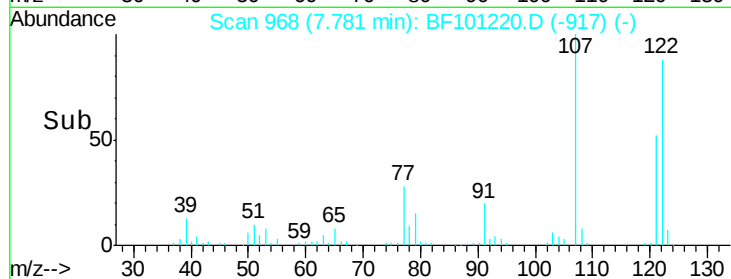
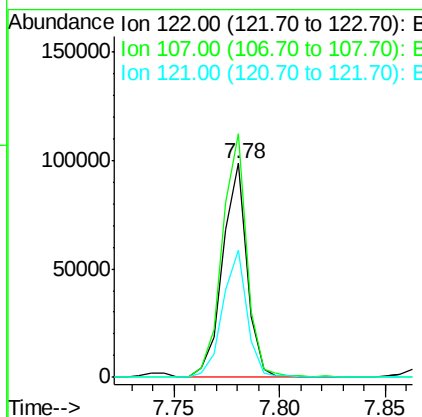
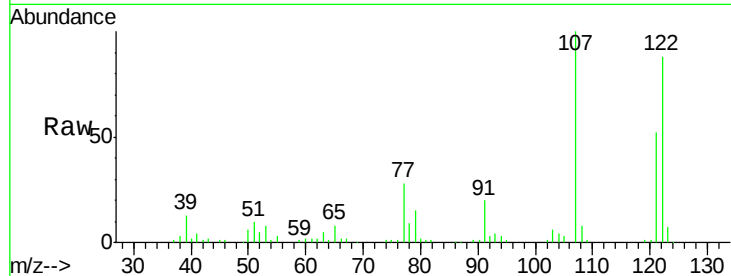
#27
 2,4-Dimethylphenol
 Concen: 37.270 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleID :
 PB104800BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.2	136.8
121	59.4	47.2	70.8

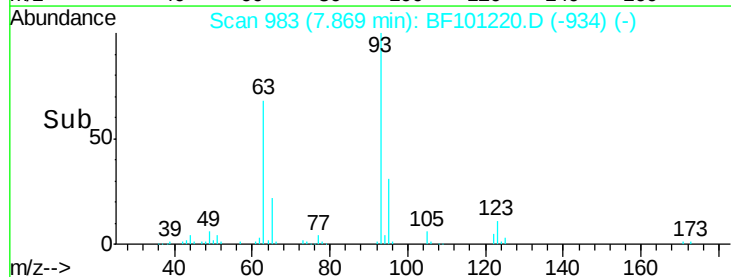
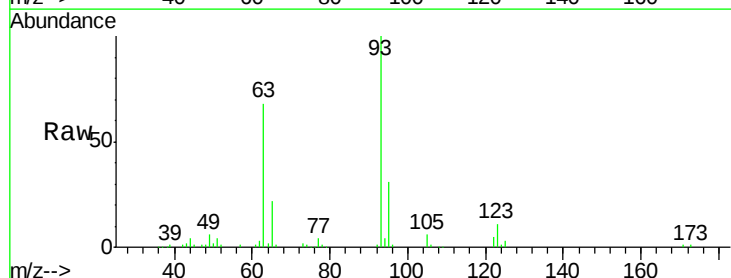
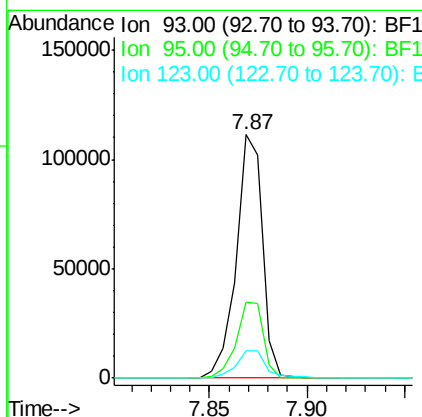
Manual Integrations
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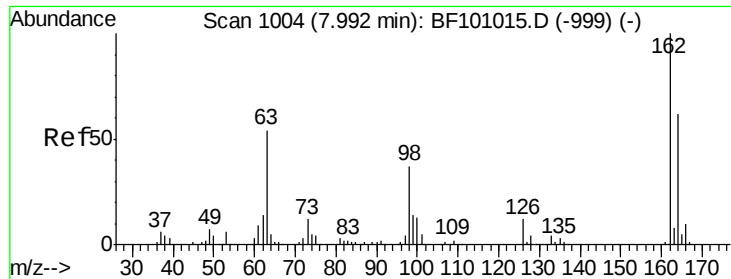
Sohil
 12/8/2017 11:12:30 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.155 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.3	39.5
123	11.5	9.8	14.6





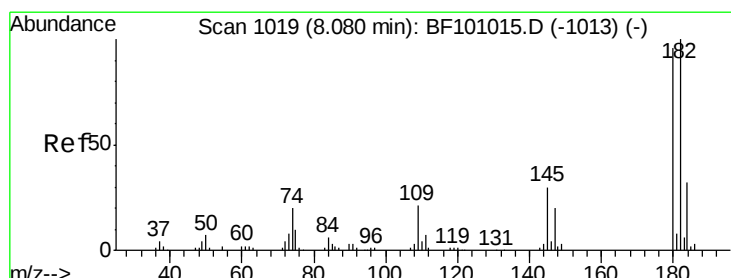
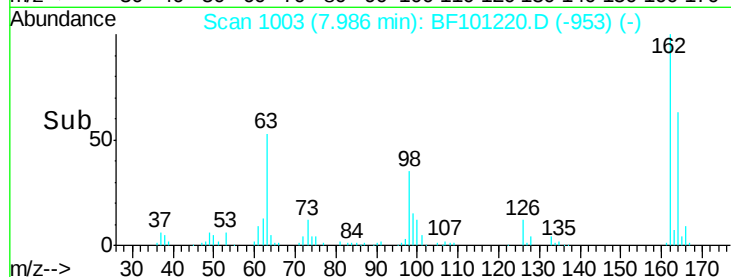
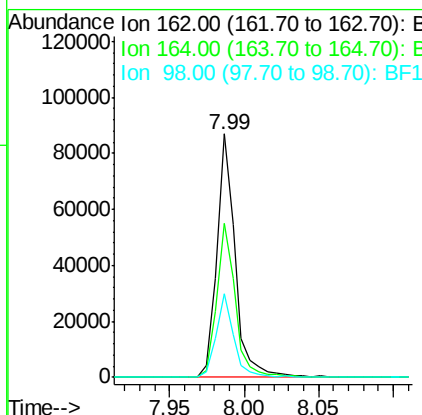
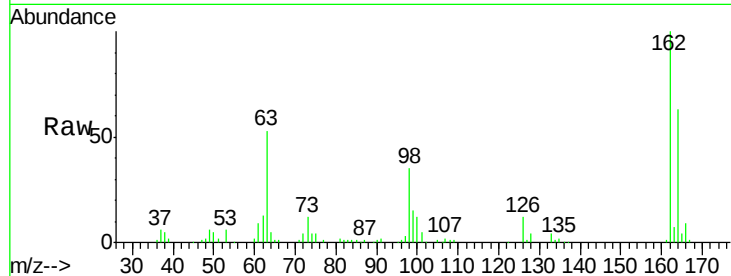
#29
2,4-Dichlorophenol
Concen: 32.231 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	74332		
164	63.4	42.7	82.7	
98	34.6	18.1	58.1	

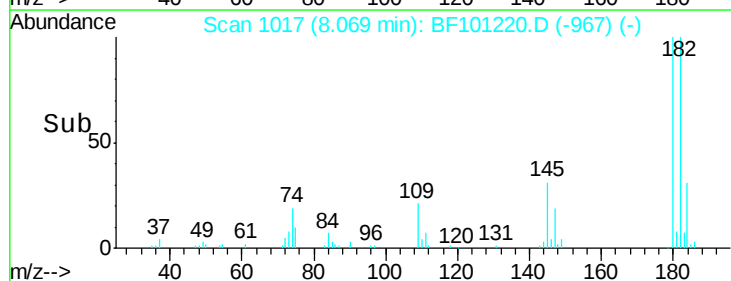
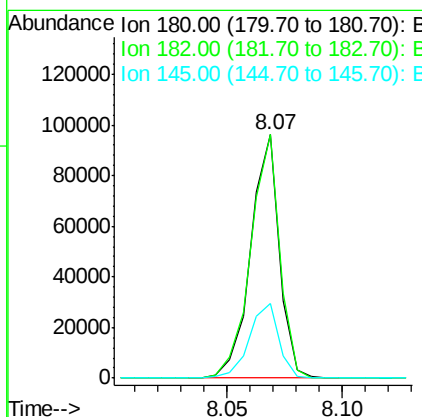
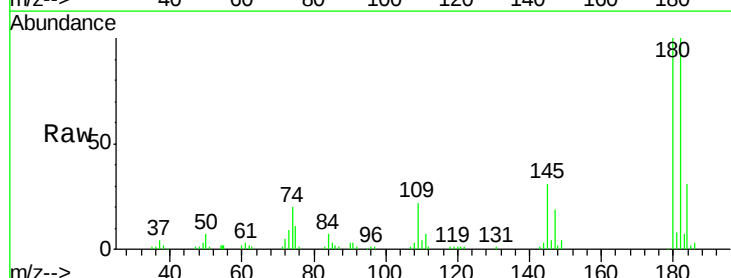
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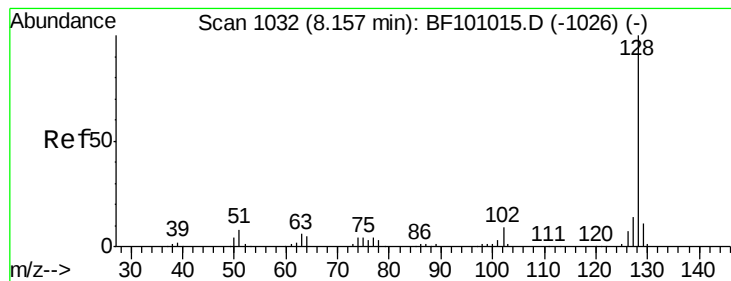
Sohil
12/8/2017 11:12:30 AM



#30
1,2,4-Trichlorobenzene
Concen: 32.962 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83589		
182	100.1	76.8	115.2	
145	31.0	26.5	39.7	





#31

Naphthalene

Concen: 32.152 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

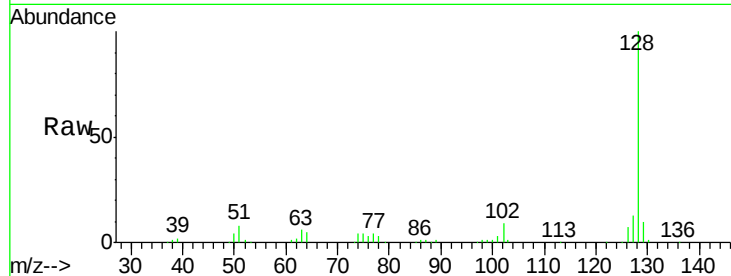
ClientSampleId :

PB104800BSD

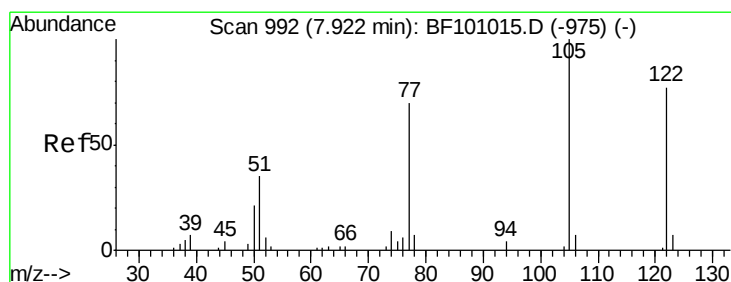
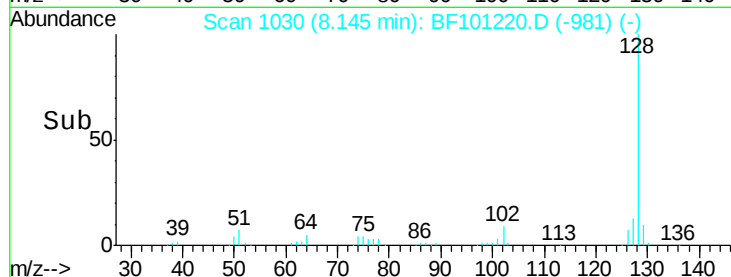
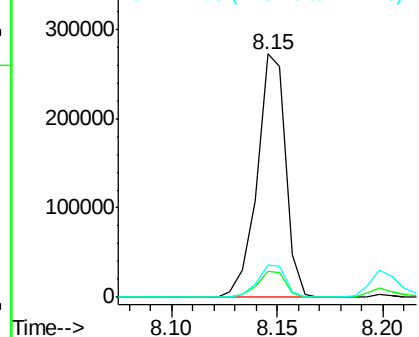
Tot Ion:	128	Resp:	257334
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.8	13.2
127	13.5	10.9	16.3

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



#32

Benzoic acid

Concen: 18.877 ng

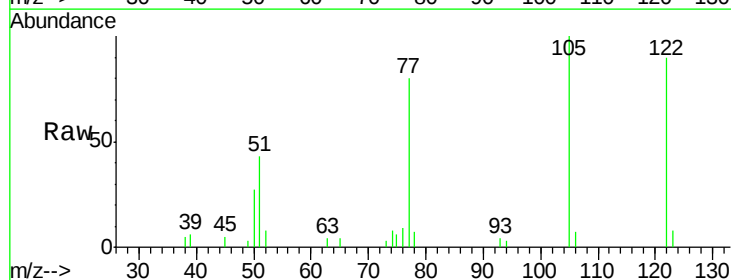
RT: 7.89 min Scan# 987

Delta R.T. -0.03 min

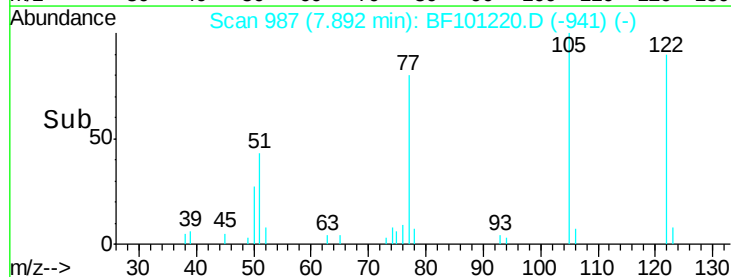
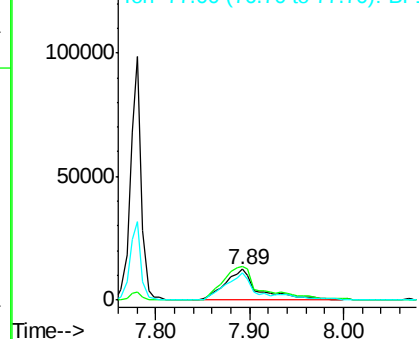
Lab File: BF101220.D

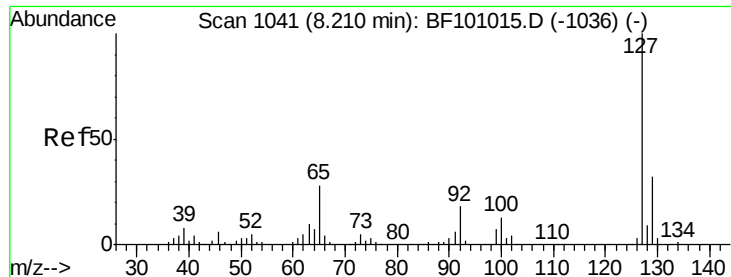
Acq: 7 Dec 2017 22:01

Tgt Ion:	122	Resp:	31107
Ion Ratio	Lower	Upper	
122	100		
105	111.1	101.1	141.1
77	88.6	70.7	110.7



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





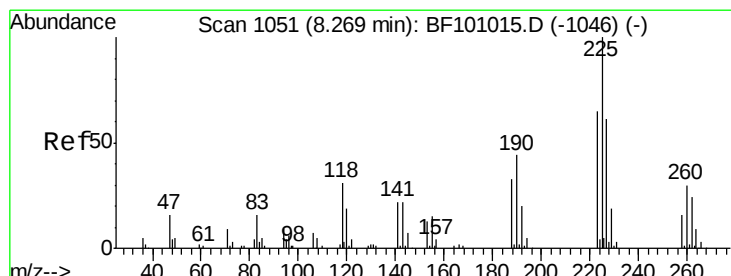
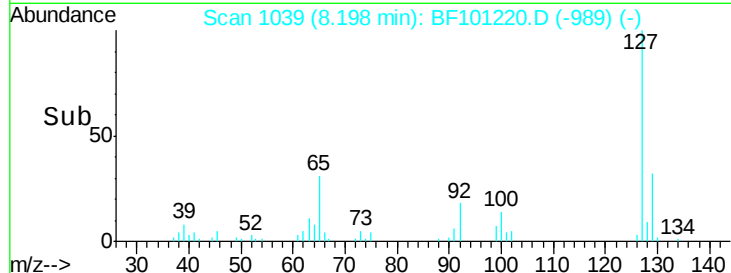
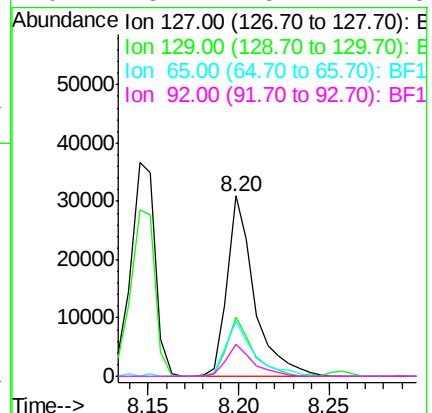
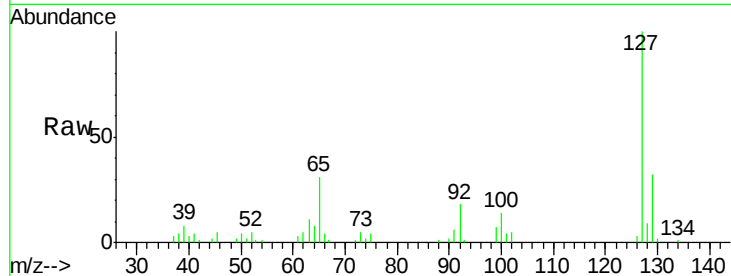
#33
4-Chloroaniline
Concen: 10.101 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	30.9	25.0	37.4		
92	18.1	15.2	22.8		

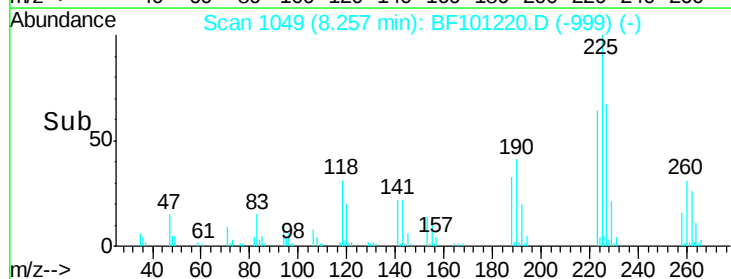
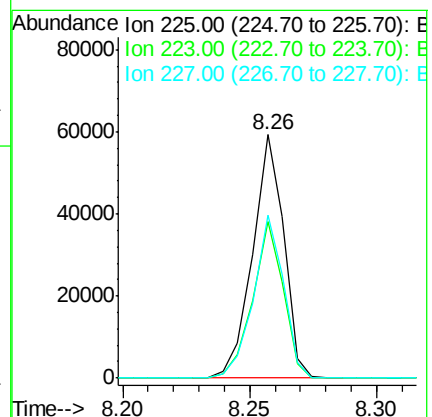
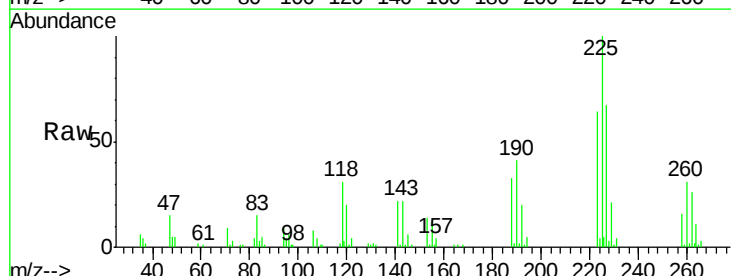
Manual Integrations
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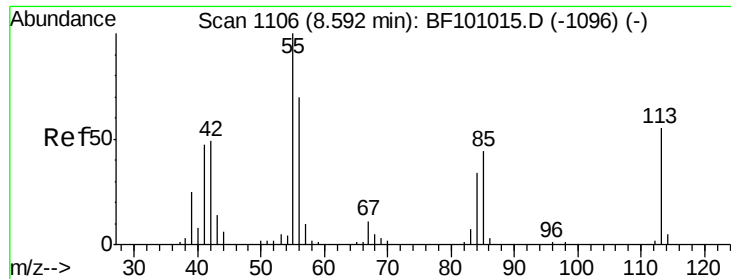
Sohil
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#34
Hexachlorobutadiene
Concen: 32.751 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	50.6	76.0		
227	66.8	51.9	77.9		





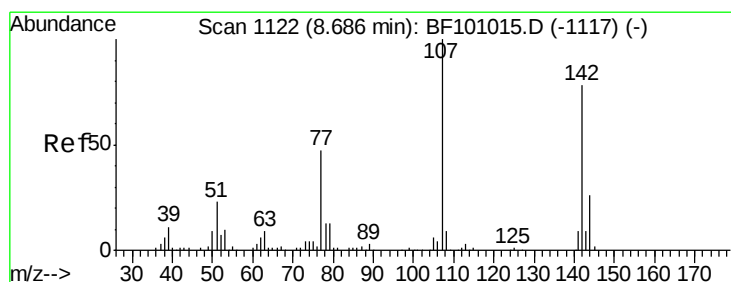
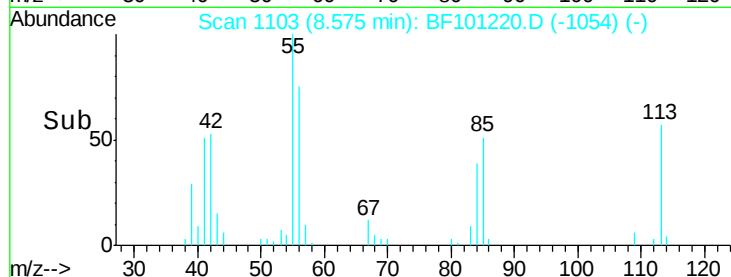
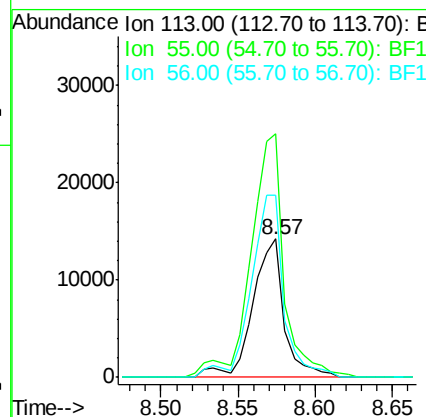
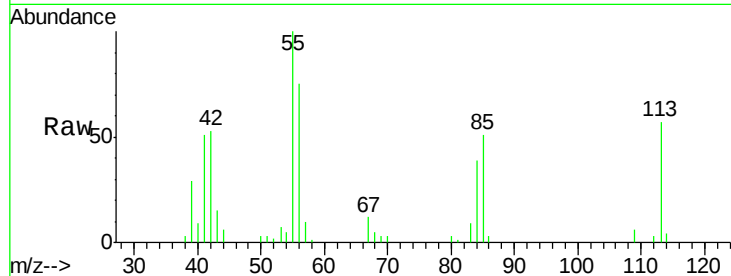
#35
Caprolactam
Concen: 28.130 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.0	163.3	203.3
56	131.4	115.7	155.7

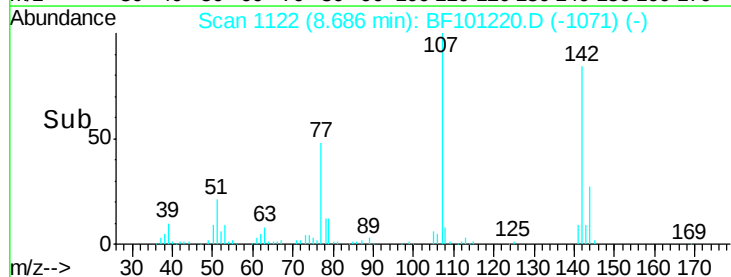
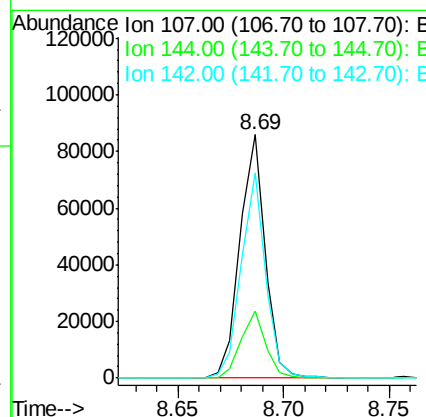
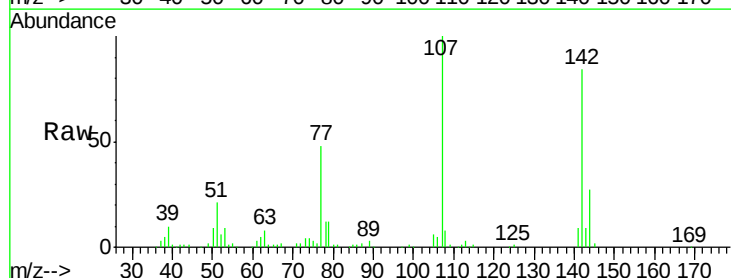
Manual Integrations
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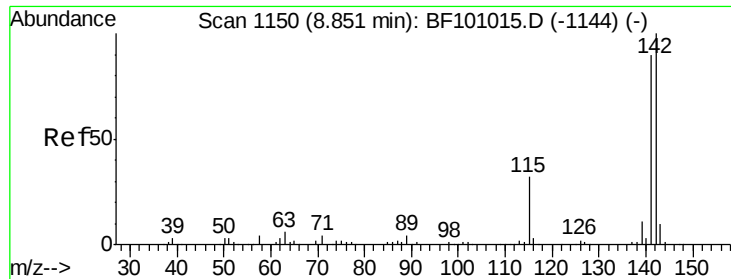
Sohil
12/8/2017 11:12:30 AM



#36
4-Chloro-3-methylphenol
Concen: 29.722 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.5	30.7
142	84.2	62.0	93.0





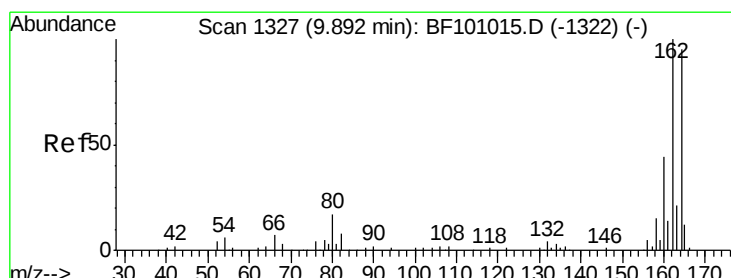
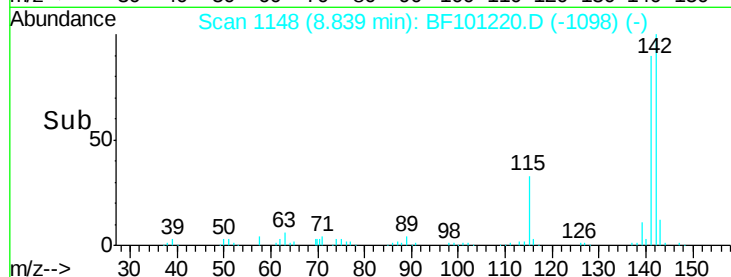
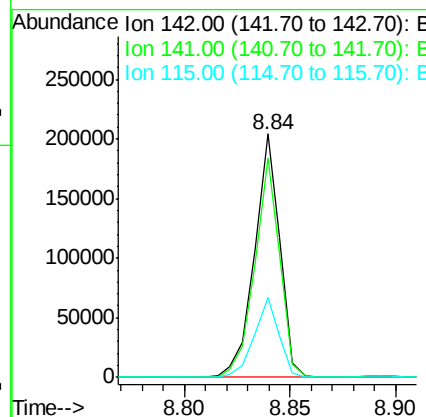
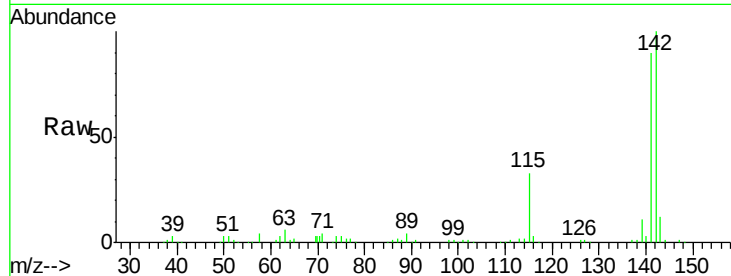
#37
2-Methylnaphthalene
Concen: 31.310 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleID :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	32.6	26.1	39.1

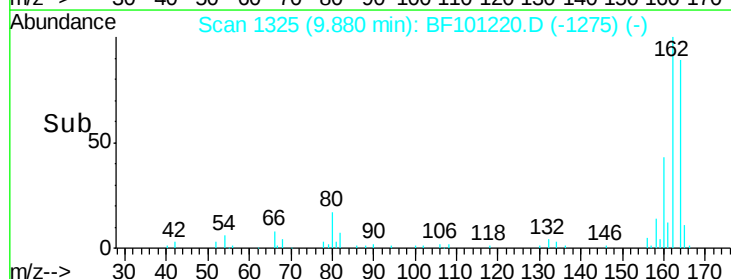
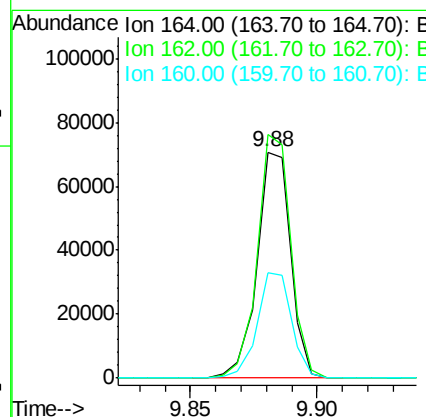
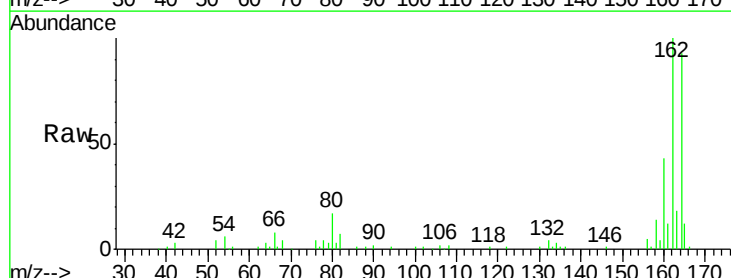
Manual Integrations
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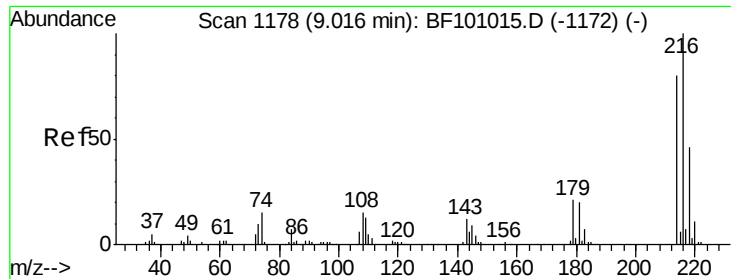
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	46.8	38.3	57.5





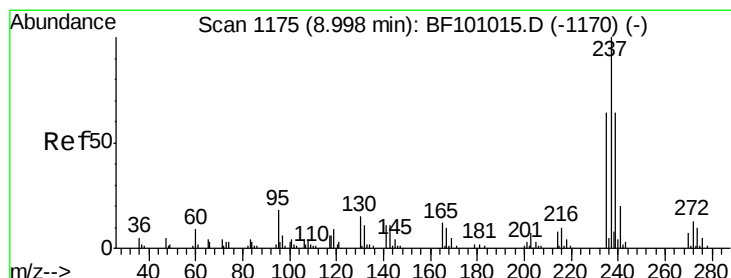
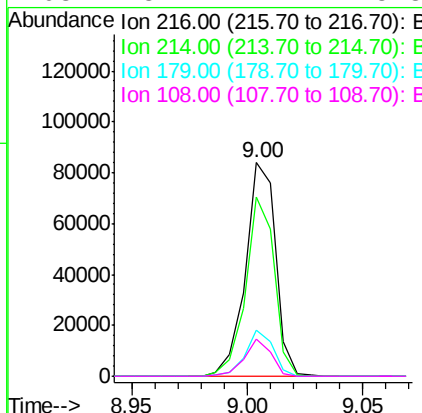
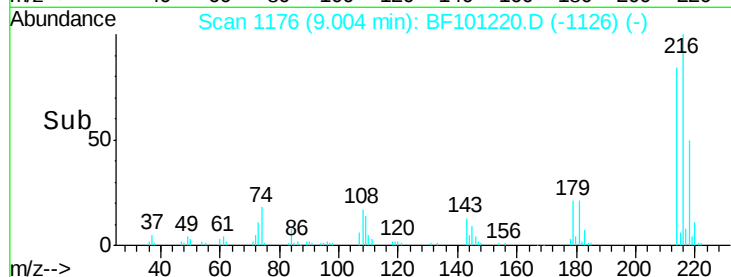
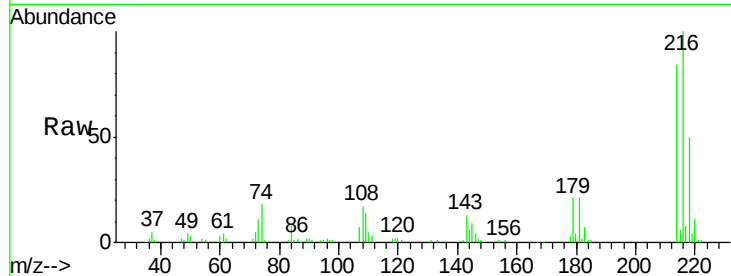
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.292 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion:	216	Resp:	77025
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.4
179	19.7	18.1	27.1
108	15.4	17.2	25.8#

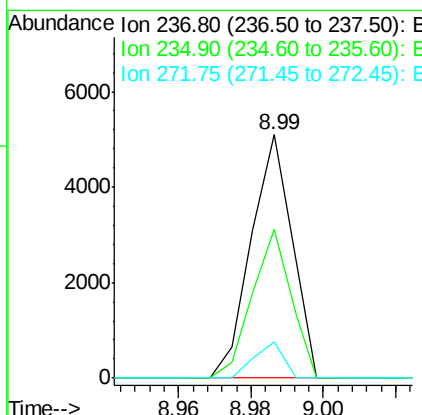
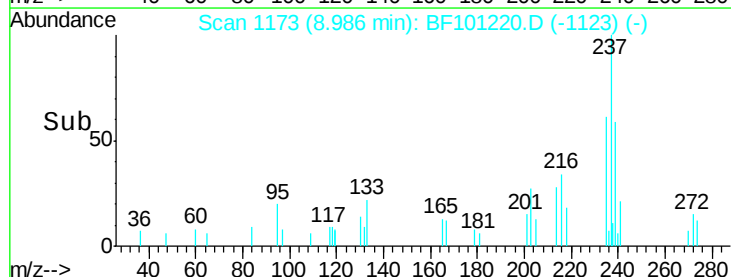
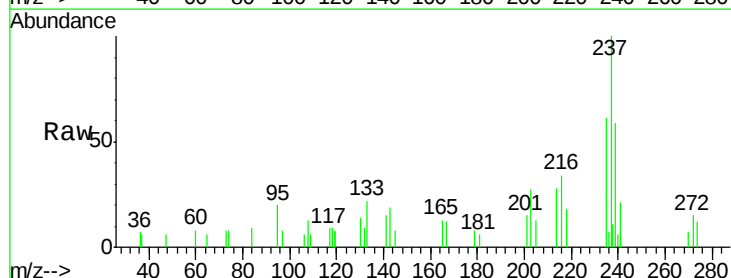
Manual Integrations
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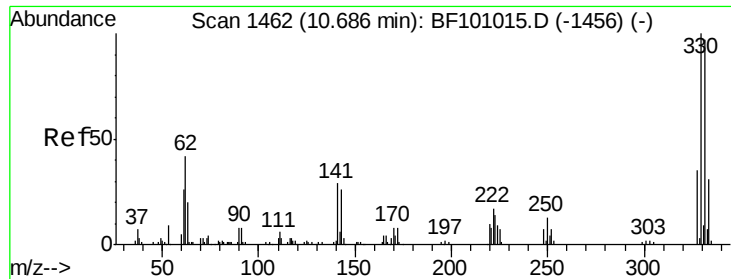
Sohil
 12/8/2017 11:12:30 AM



#40
 Hexachlorocyclopentadiene
 Concen: 12.298 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:	237	Resp:	3995
Ion Ratio	Lower	Upper	
237	100		
235	61.0	44.8	84.8
272	14.8	0.0	33.3





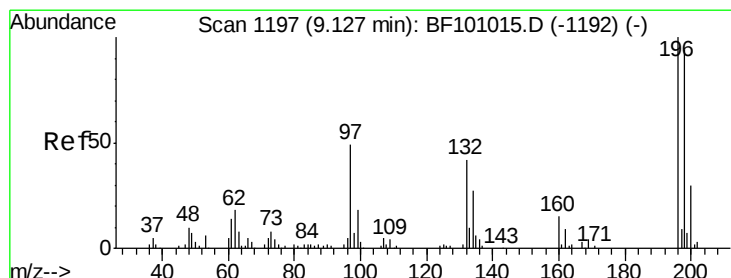
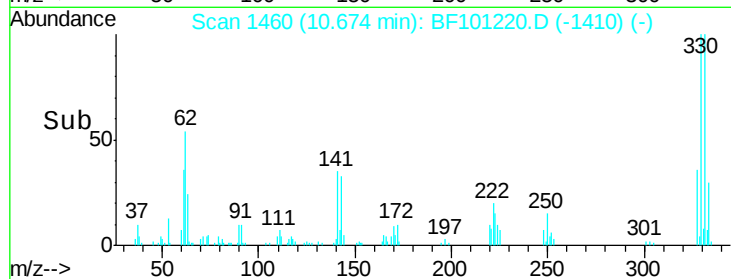
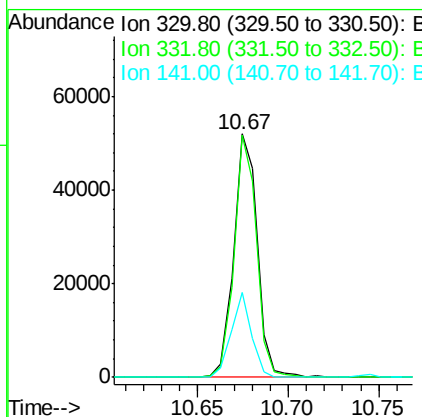
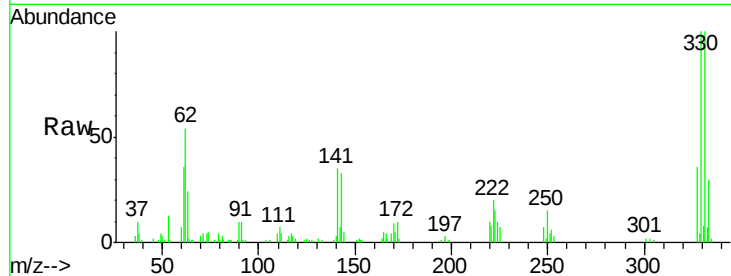
#41
 2,4,6-Tribromophenol
 Concen: 59.814 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	29.9	29.9	44.9

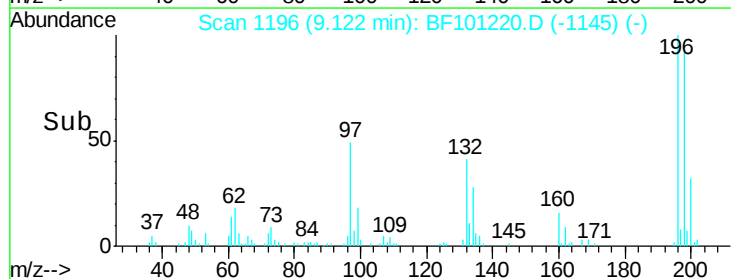
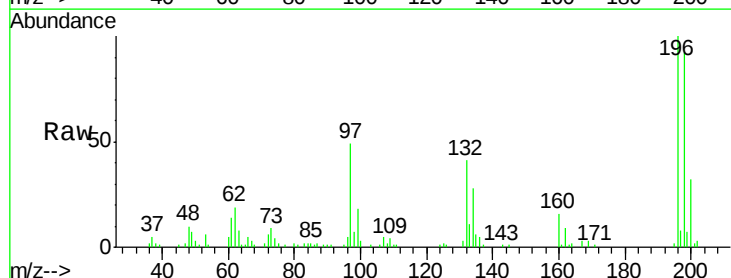
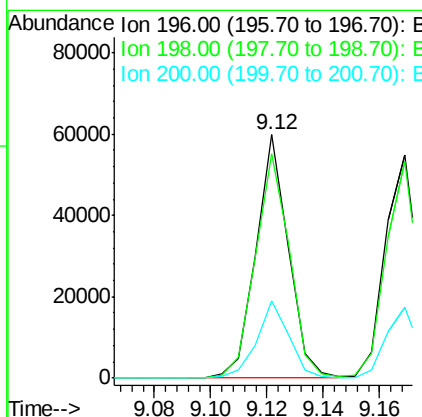
Manual Integrations
 APPROVED

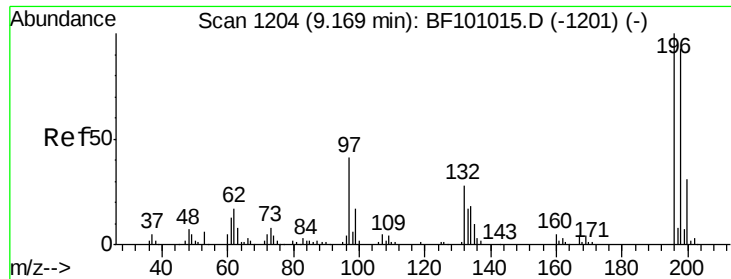
Sohil
 12/8/2017 11:12:30 AM



#42
 2,4,6-Trichlorophenol
 Concen: 34.241 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
200	31.6	24.5	36.7





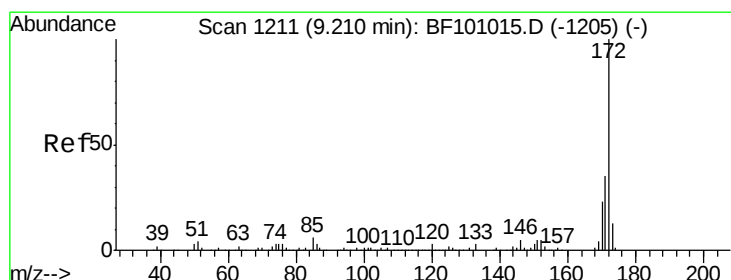
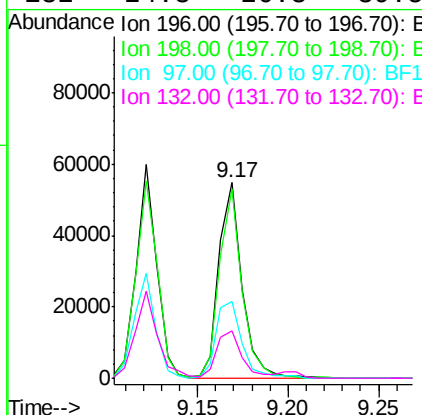
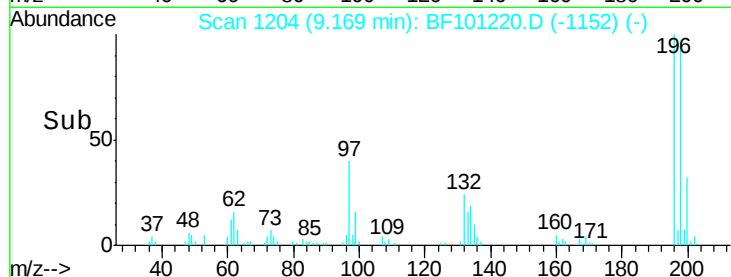
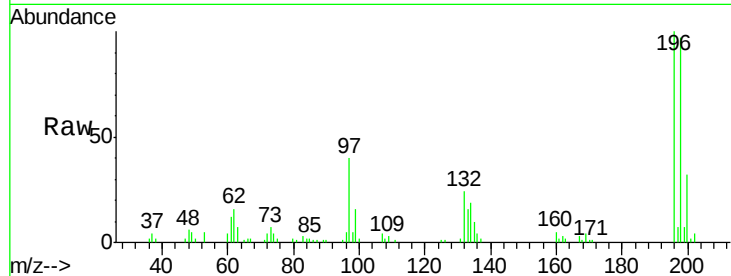
#43
 2,4,5-Trichlorophenol
 Concen: 32.983 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	49305		
198	97.1		74.6	112.0
97	39.7		42.9	64.3#
132	24.3		26.3	39.5#

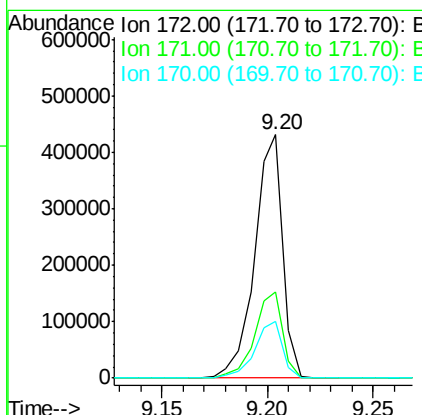
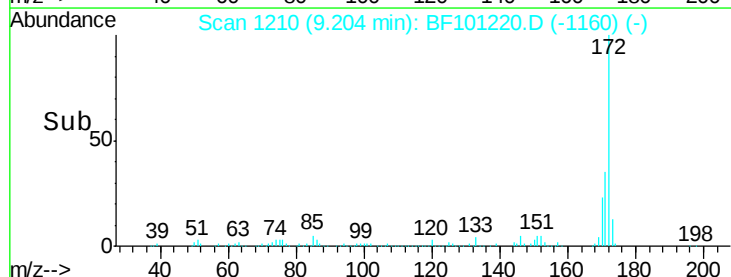
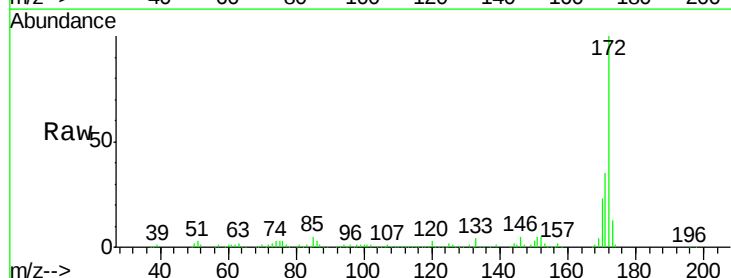
Manual Integrations
 APPROVED

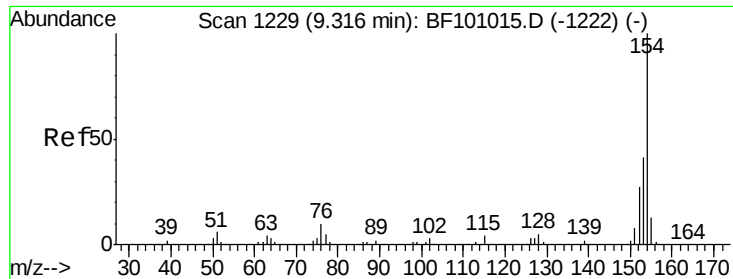
Sohil
 12/8/2017 11:12:30 AM



#44
 2-Fluorobiphenyl
 Concen: 82.766 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	397193		
171	35.4		29.7	44.5
170	23.2		19.6	29.4





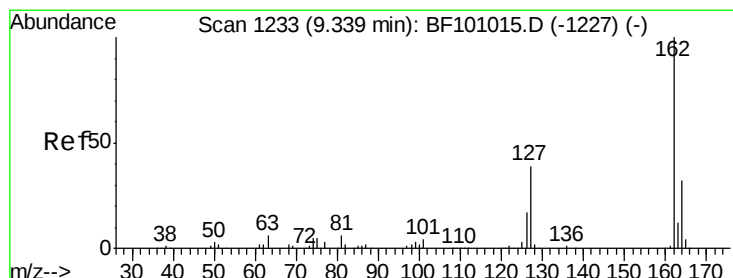
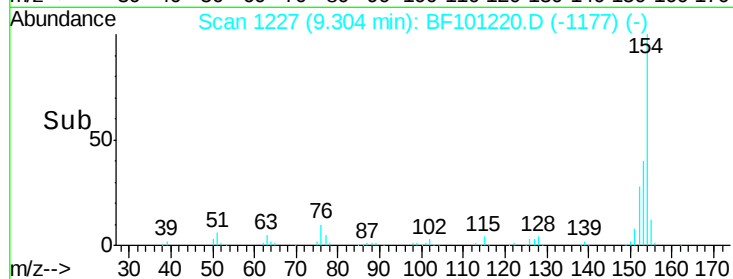
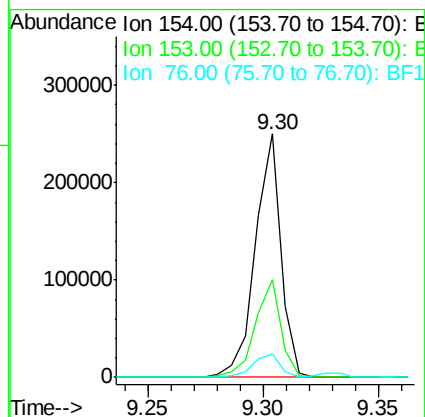
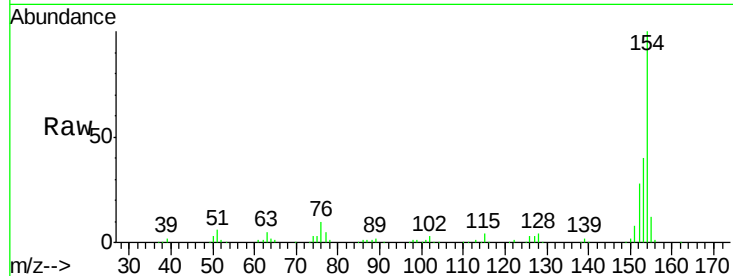
#45
1,1'-Biphenyl
Concen: 32.410 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	9.8	0.0	34.0

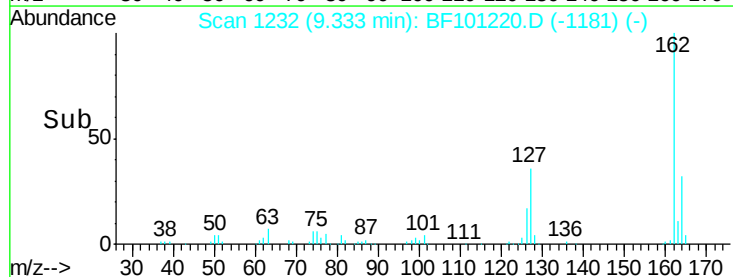
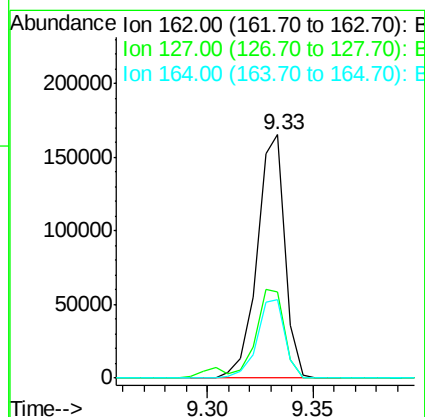
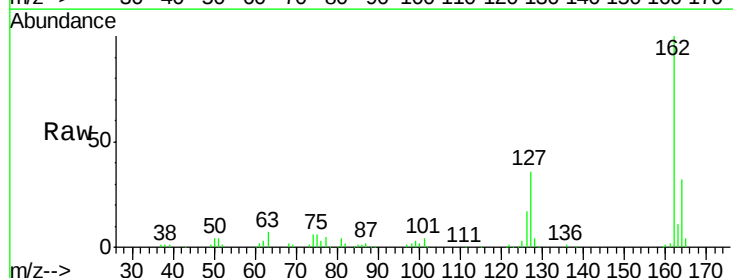
Manual Integrations
APPROVED

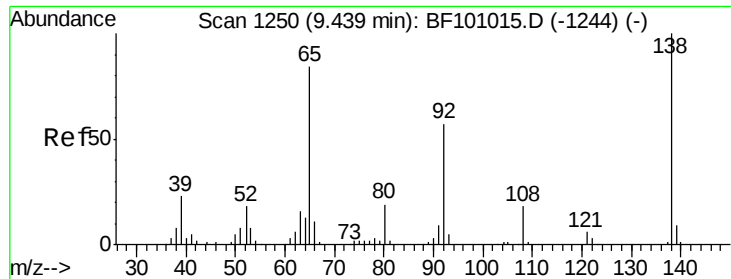
Sohil
12/8/2017 11:12:30 AM



#46
2-Chloronaphthalene
Concen: 35.449 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	33.9	50.9
164	32.2	26.5	39.7





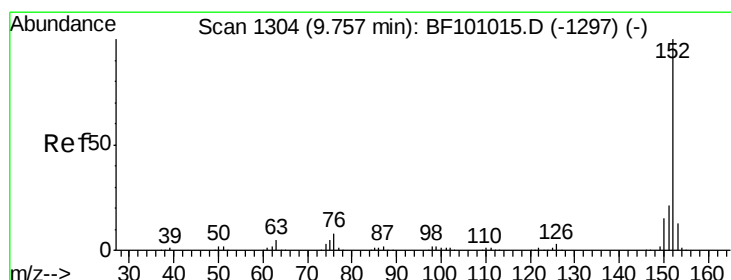
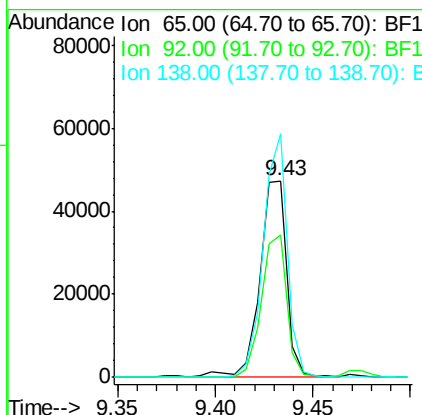
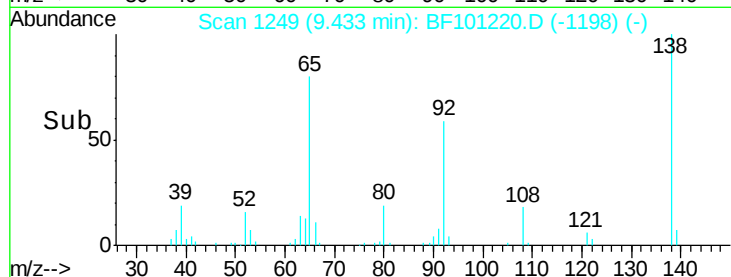
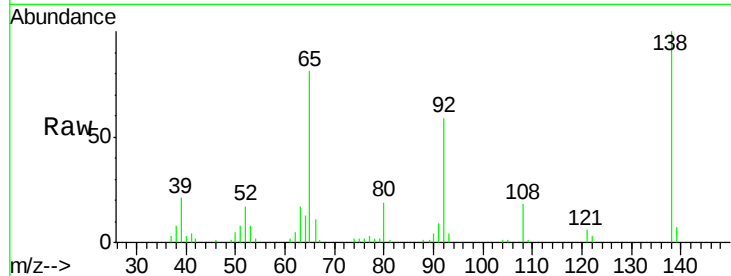
#47
 2-Nitroaniline
 Concen: 35.890 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion:	65	Resp:	45365
Ion Ratio	Lower	Upper	
65	100		
92	72.7	55.8	83.6
138	123.7	91.2	136.8

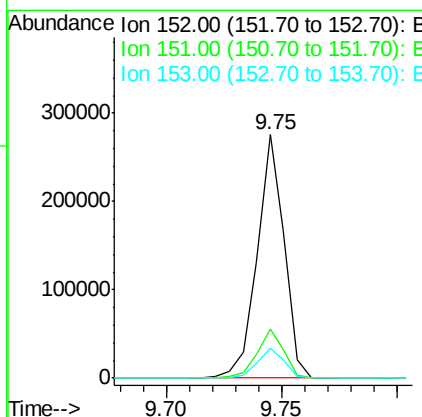
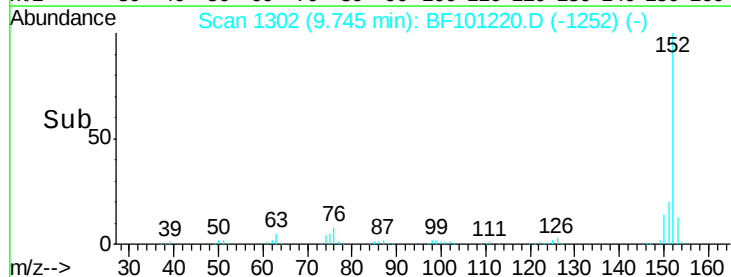
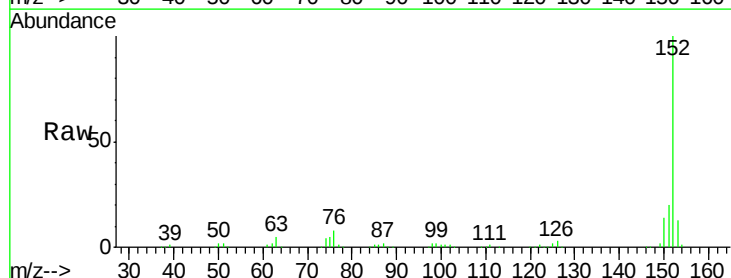
Manual Integrations
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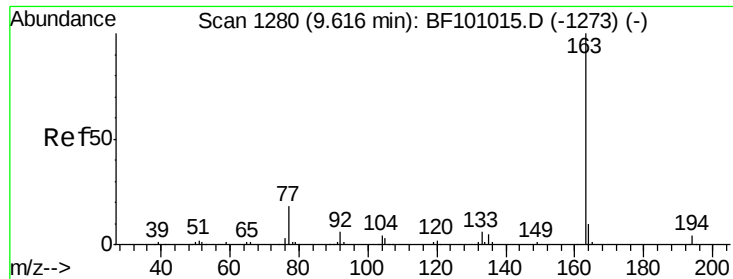
Sohil
 12/8/2017 11:12:30 AM



#48
 Acenaphthylene
 Concen: 31.821 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:	152	Resp:	223418
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.3	24.5
153	12.5	10.7	16.1





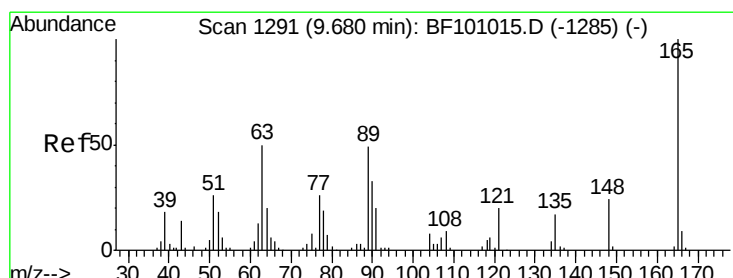
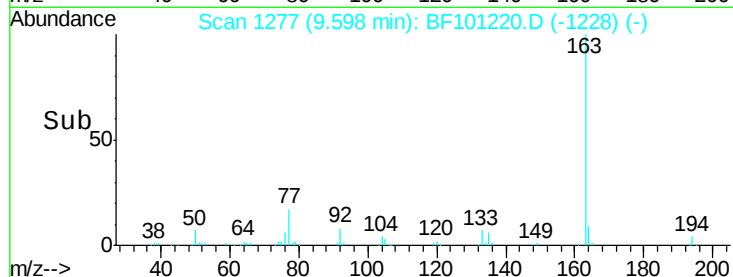
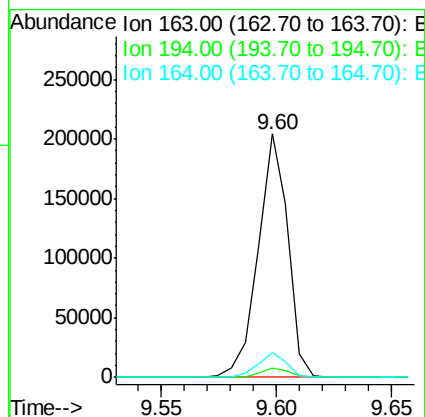
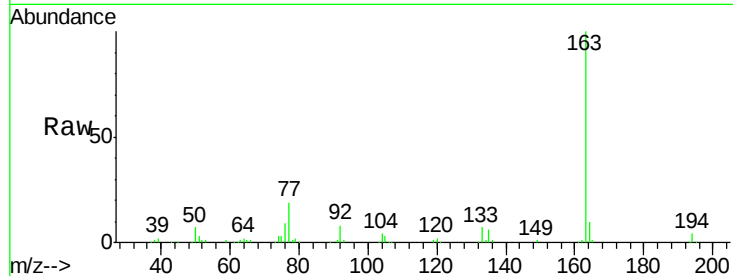
#49
Dimethylphthalate
Concen: 34.508 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.9		2.7	4.1	
164	10.2		8.2	12.2	

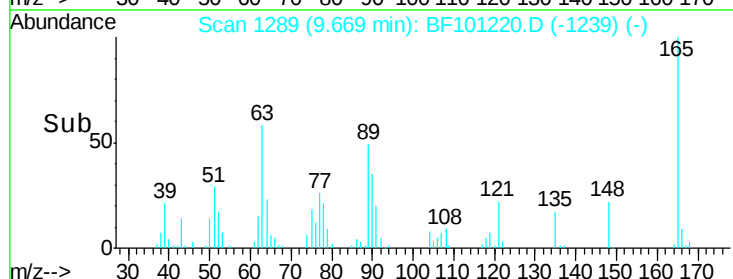
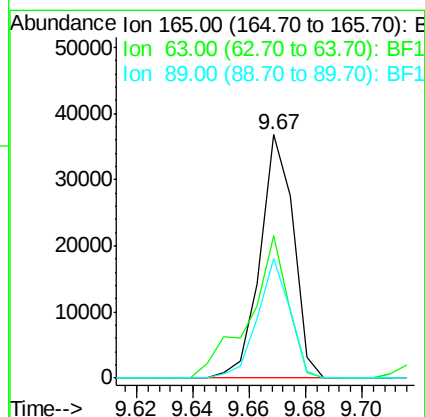
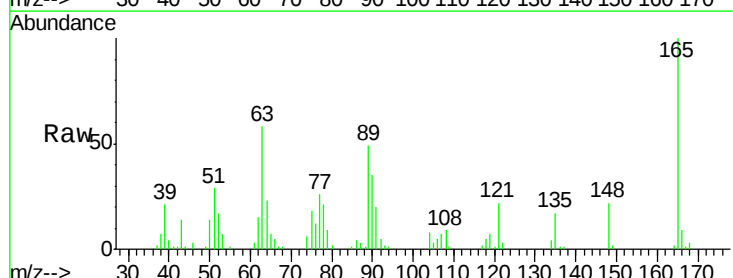
Manual Integrations
APPROVED

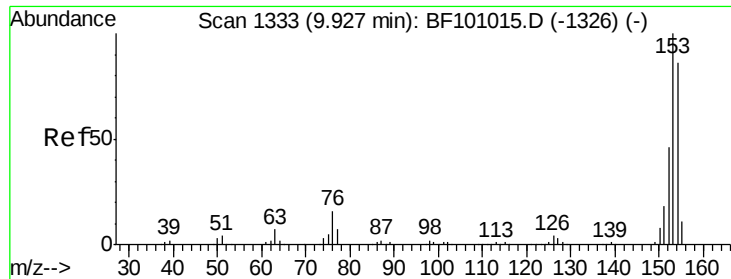
Sohil
12/8/2017 11:12:30 AM



#50
2,6-Dinitrotoluene
Concen: 26.966 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	58.3		44.7	67.1	
89	49.0		44.0	66.0	





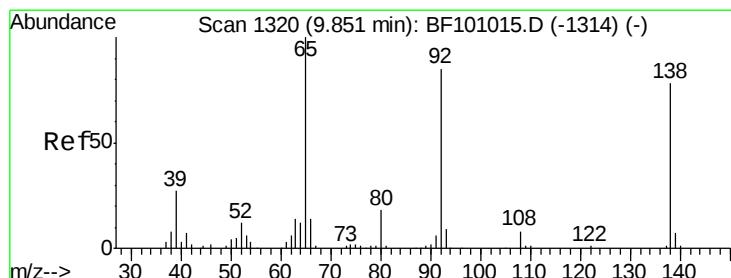
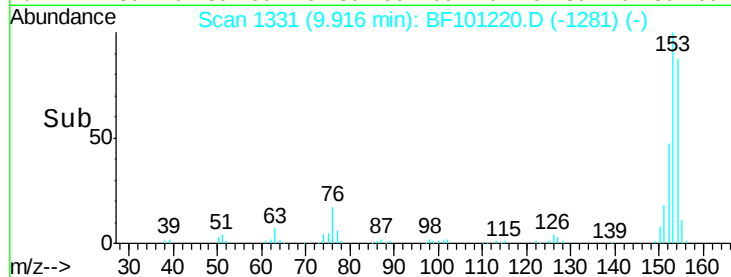
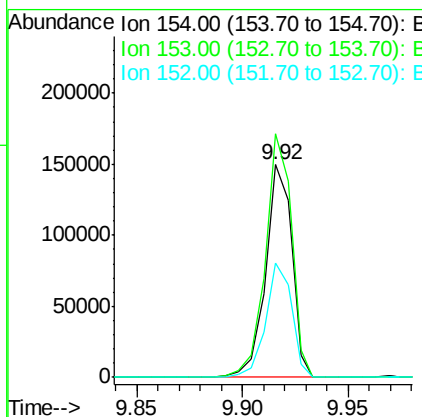
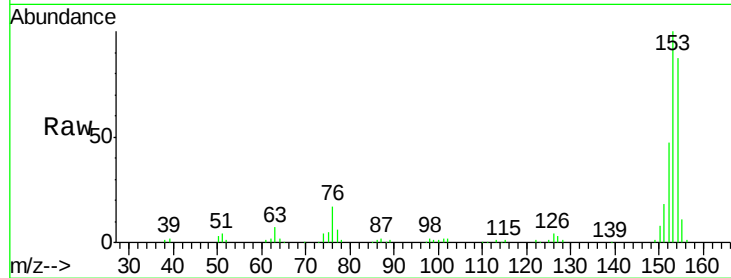
#51
Acenaphthene
Concen: 30.789 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	54.1	43.8	65.8

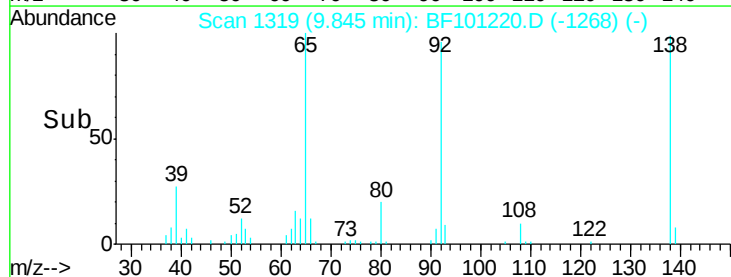
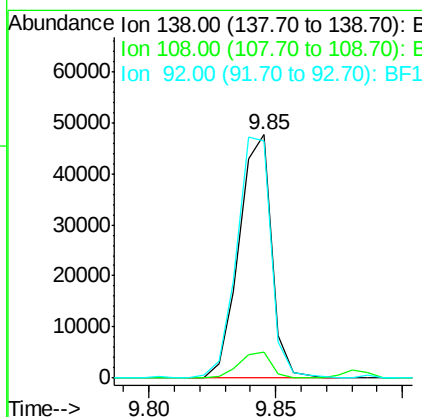
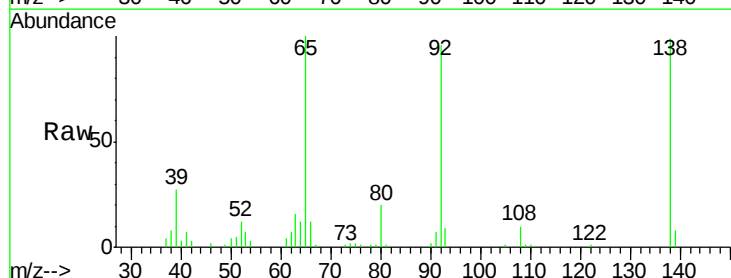
Manual Integrations
APPROVED

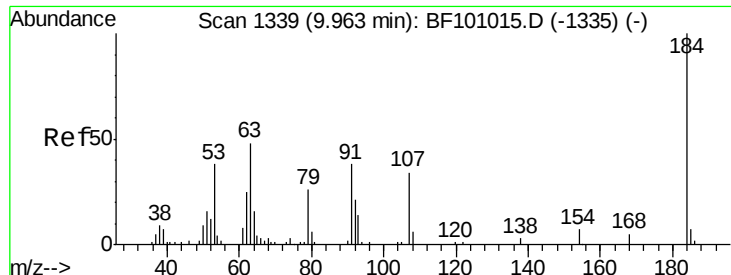
Sohil
12/8/2017 11:12:30 AM



#52
3-Nitroaniline
Concen: 33.911 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	97.5	89.4	134.2





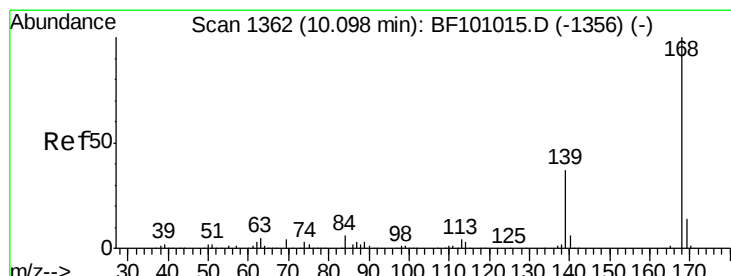
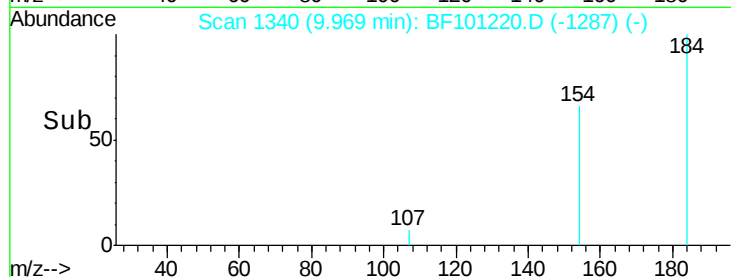
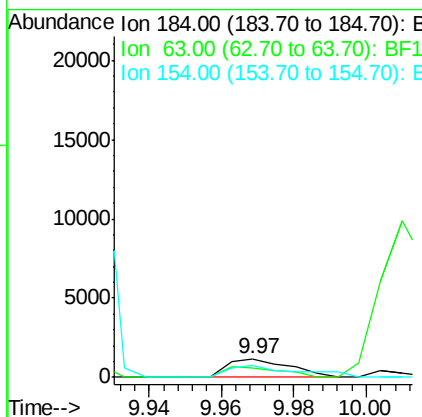
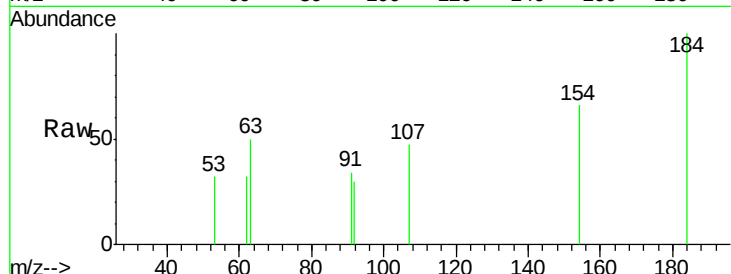
#53
2,4-Dinitrophenol
Concen: 7.080 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	49.6	54.2	81.2#
154	66.0	184.0	276.0#

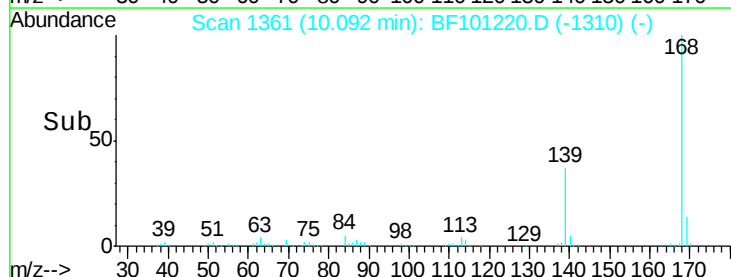
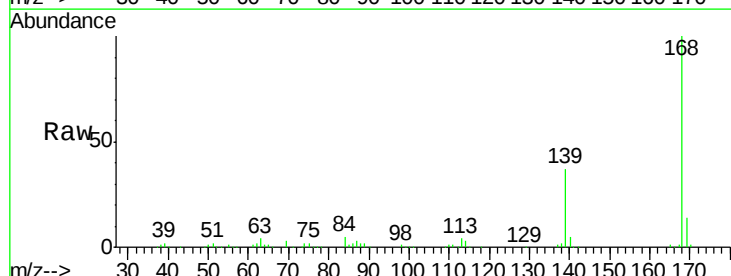
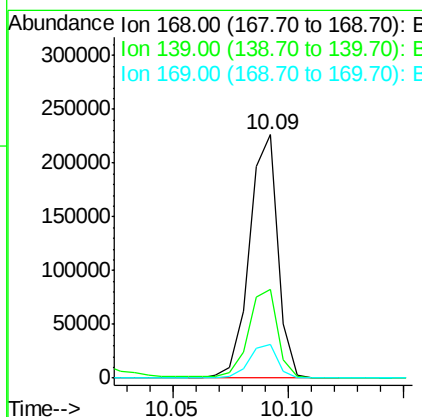
Manual Integrations
APPROVED

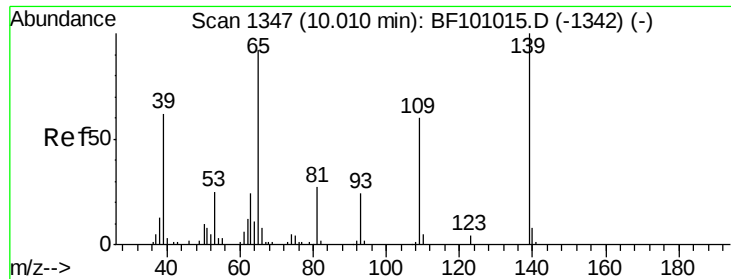
Sohil
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#54
Dibenzofuran
Concen: 32.206 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.7	10.9	16.3





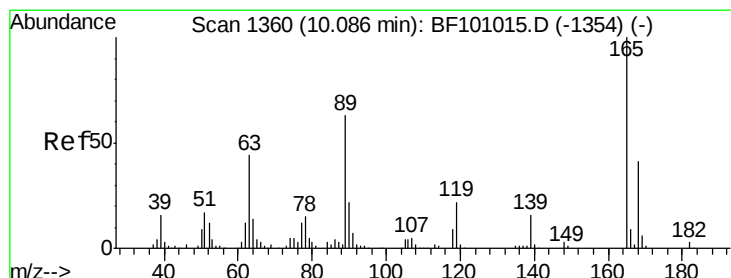
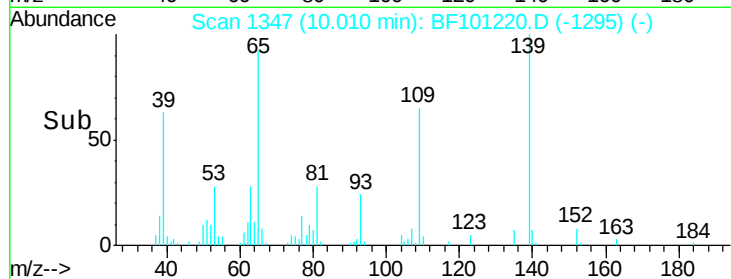
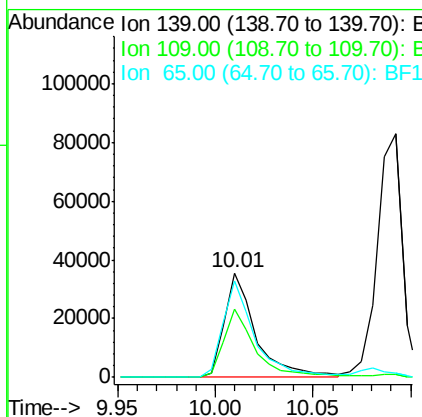
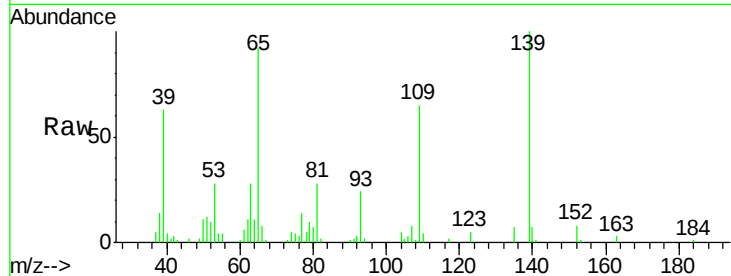
#55
4-Nitrophenol
Concen: 47.048 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.8	48.4	88.4	
65	92.1	72.6	112.6	

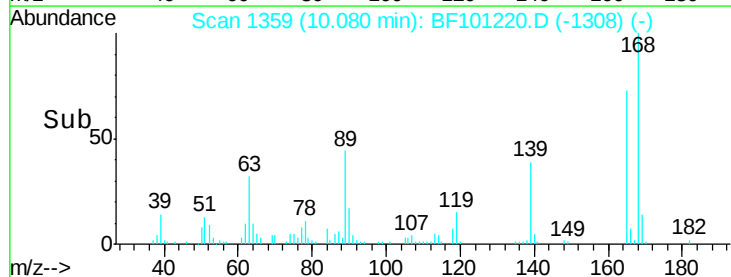
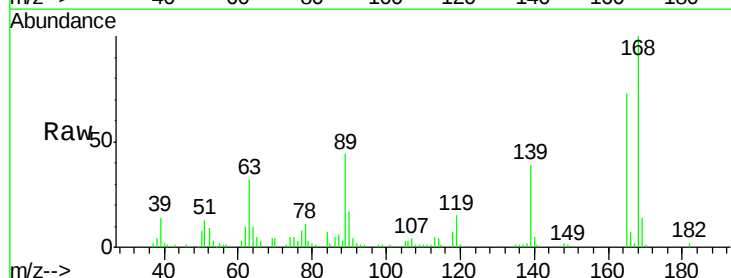
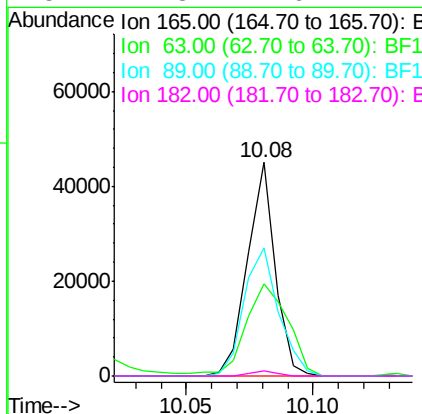
Manual Integrations
APPROVED

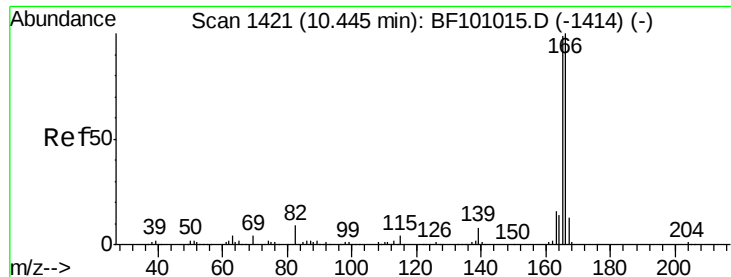
Sohil
12/8/2017 11:12:30 AM



#56
2,4-Dinitrotoluene
Concen: 23.023 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.3	36.4	54.6	
89	60.1	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 30.647 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

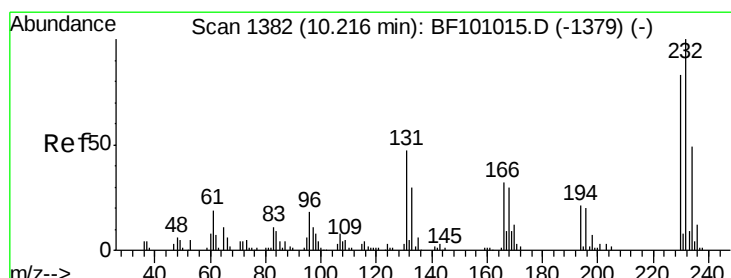
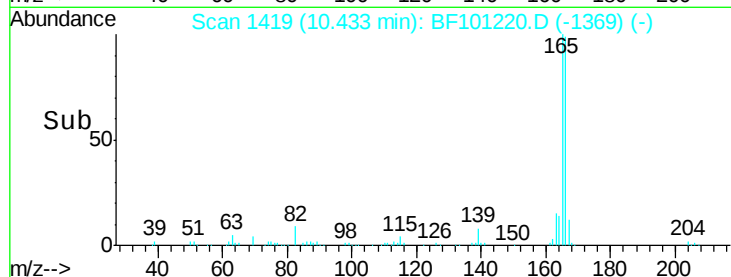
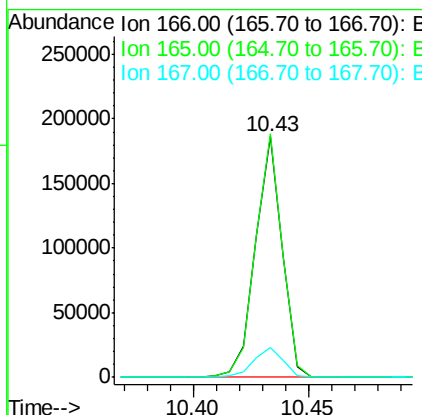
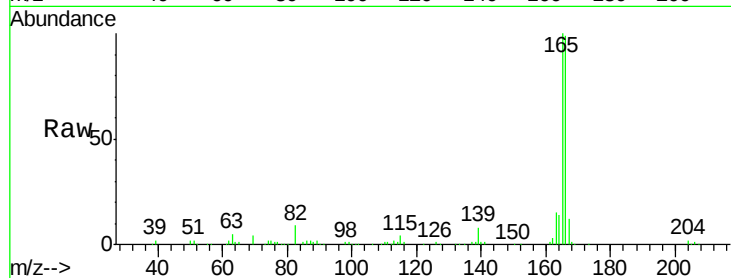
ClientSampleId :

PB104800BSD

Tot Ion:	166	Resp:	150941
Ion Ratio	Lower	Upper	
166	100		
165	101.2	79.8	119.8
167	12.4	10.6	16.0

Manual Integrations
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12/8/2017 11:12:30 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.675 ng

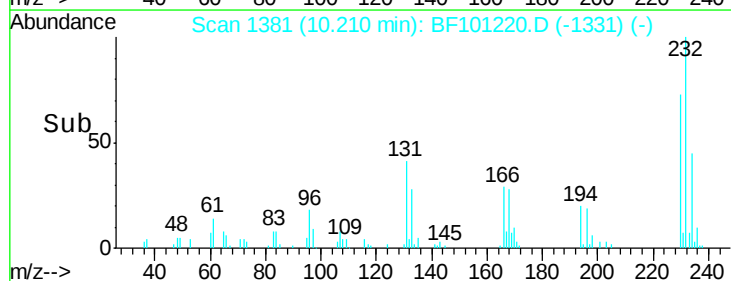
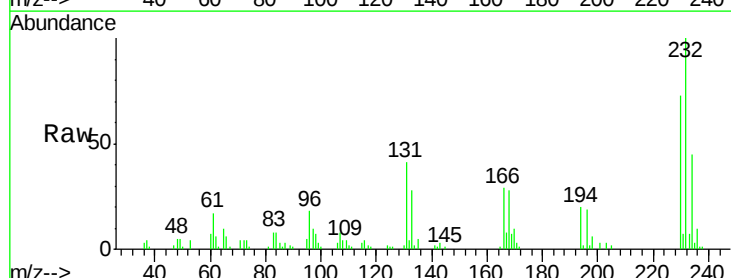
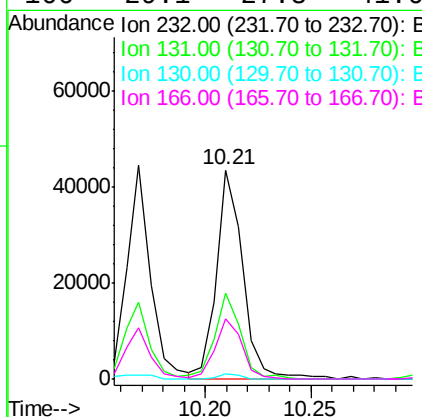
RT: 10.21 min Scan# 1381

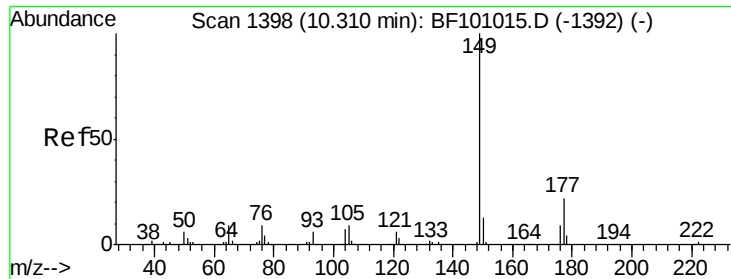
Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	232	Resp:	37912
Ion Ratio	Lower	Upper	
232	100		
131	40.8	43.8	65.8#
130	1.9	2.1	3.1#
166	29.1	27.8	41.6





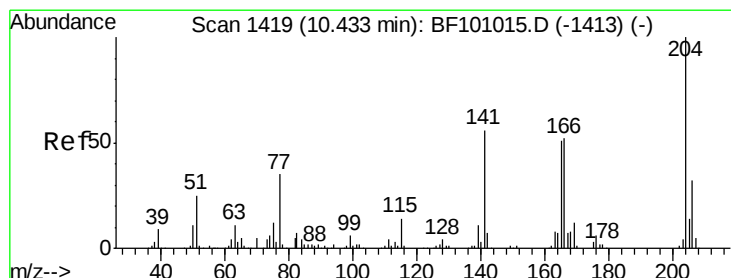
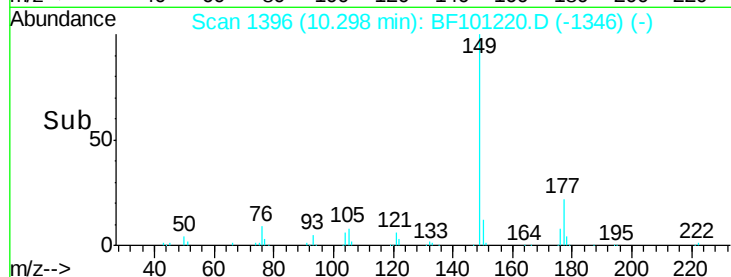
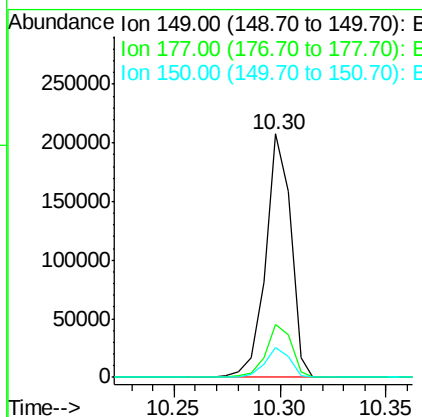
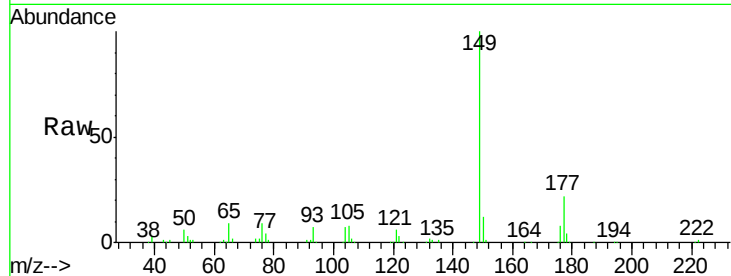
#59
Diethylphthalate
Concen: 32.961 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampled :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.3	10.1	15.1

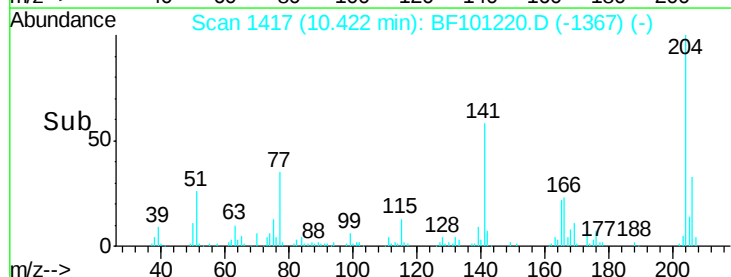
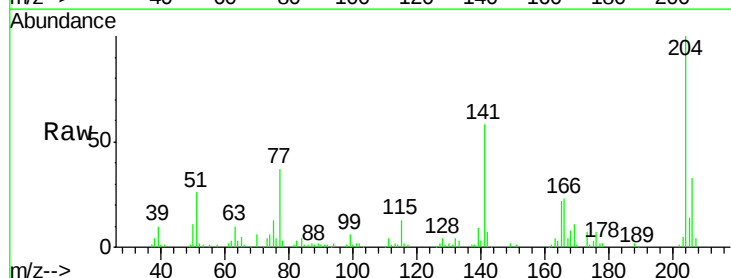
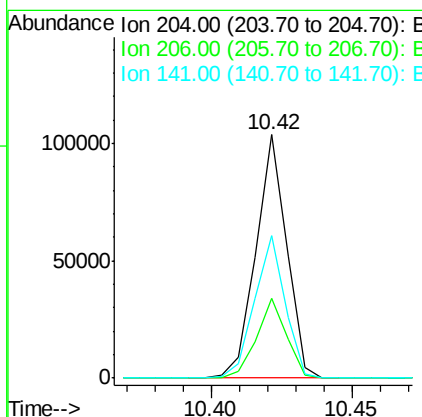
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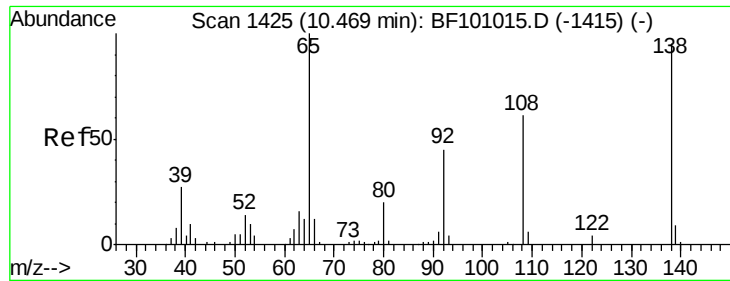
Sohil
12/8/2017 11:12:30 AM



#60
4-Chlorophenyl-phenylether
Concen: 32.227 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	58.3	54.6	81.8





#61

4-Nitroaniline

Concen: 29.599 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

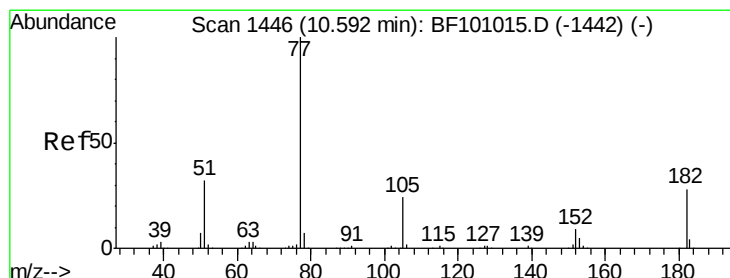
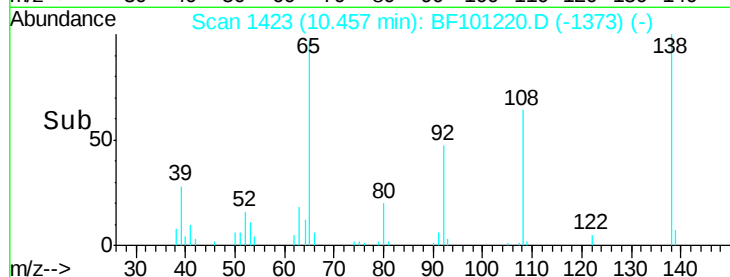
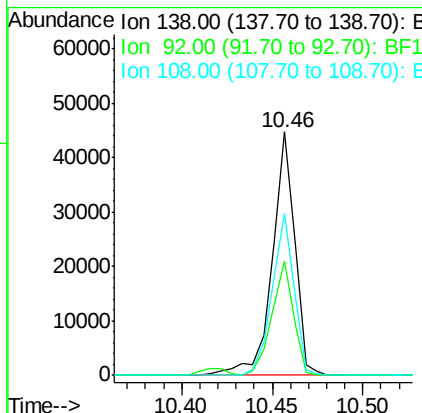
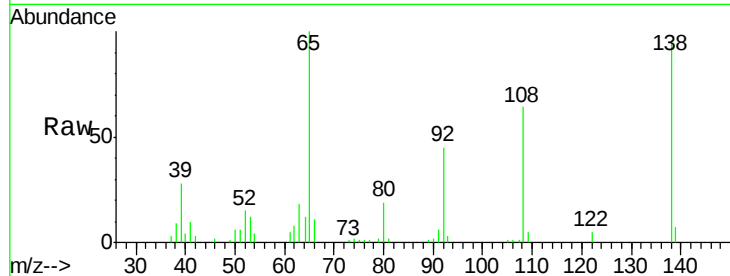
ClientSampleId :

PB104800BSD

Tot Ion:	138	Resp:	38537
Ion	Ratio	Lower	Upper
138	100		
92	46.7	30.2	70.2
108	66.2	52.5	92.5

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#62

Azobenzene

Concen: 29.743 ng

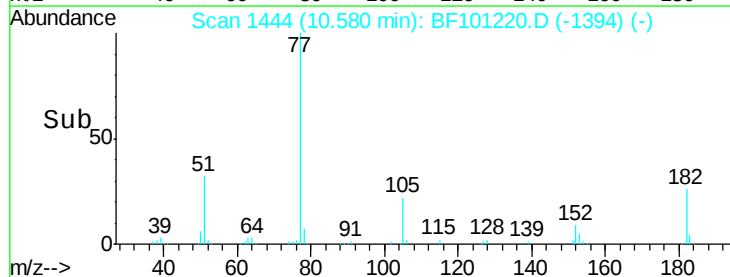
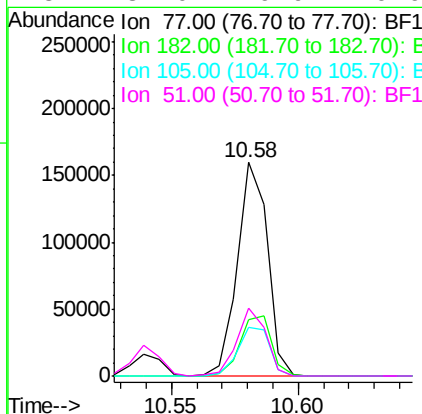
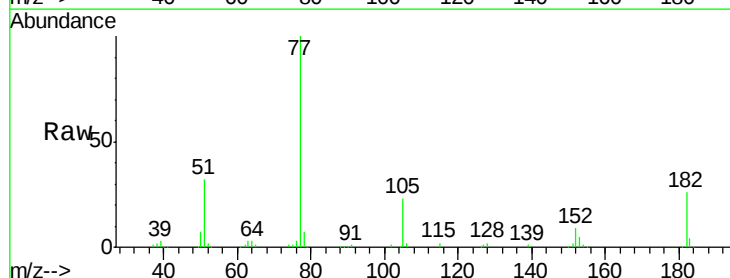
RT: 10.58 min Scan# 1444

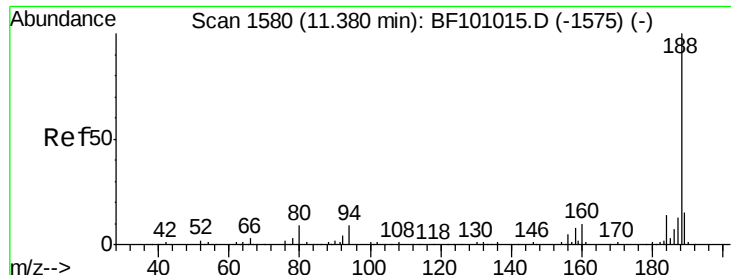
Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	77	Resp:	131834
Ion	Ratio	Lower	Upper
77	100		
182	26.2	1.7	41.7
105	23.0	3.0	43.0
51	32.0	9.9	49.9





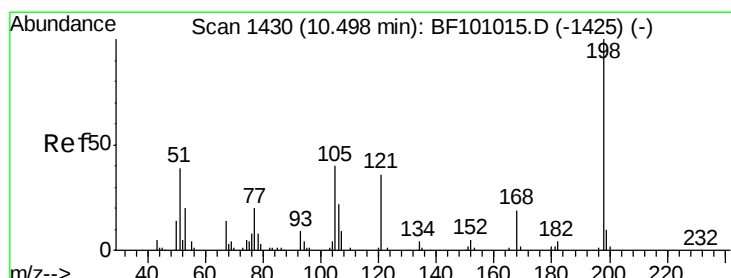
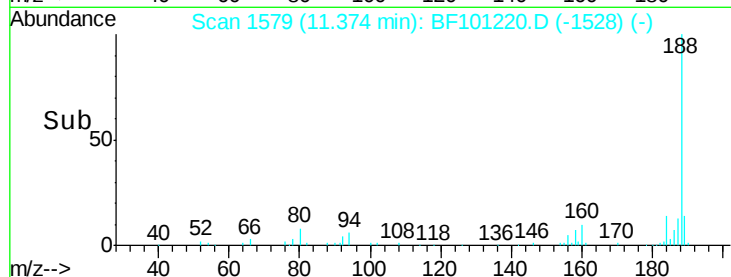
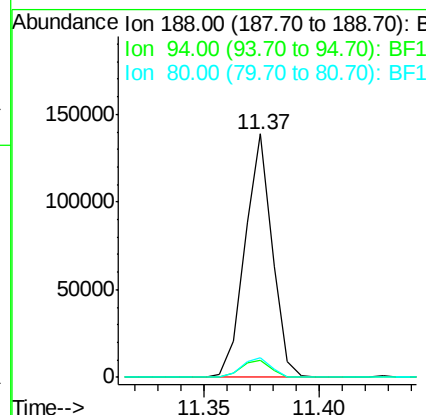
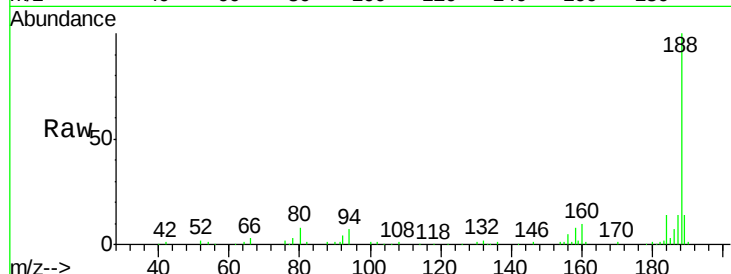
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	113822		
94	7.0	8.5	12.7#	
80	8.0	9.2	13.8#	

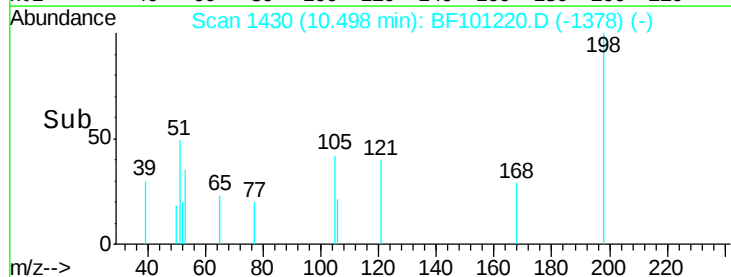
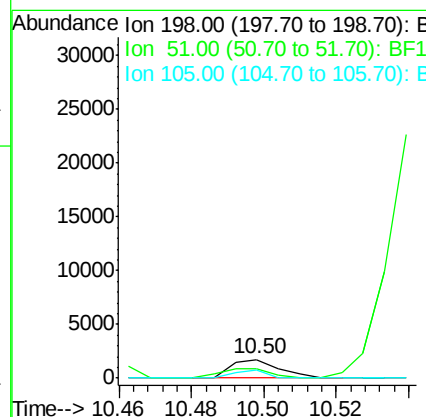
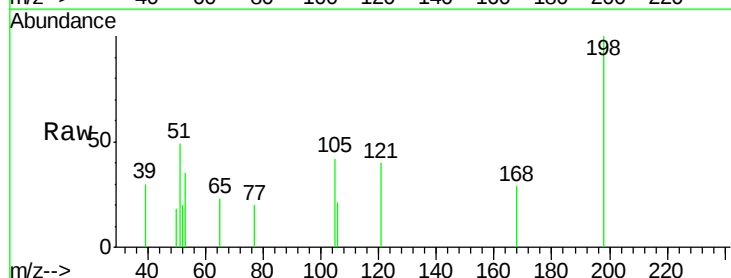
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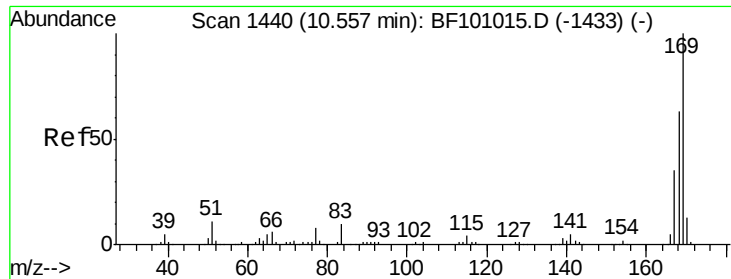
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 2.097 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	1601		
51	49.2	37.7	77.7	
105	42.4	36.3	76.3	





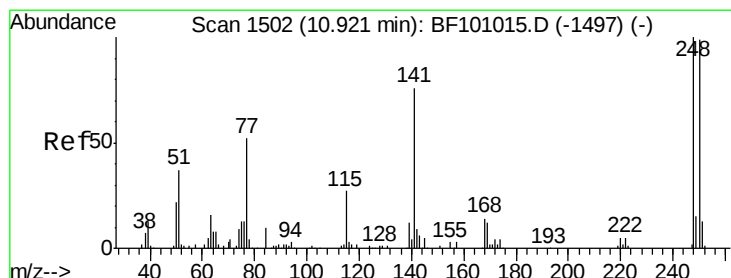
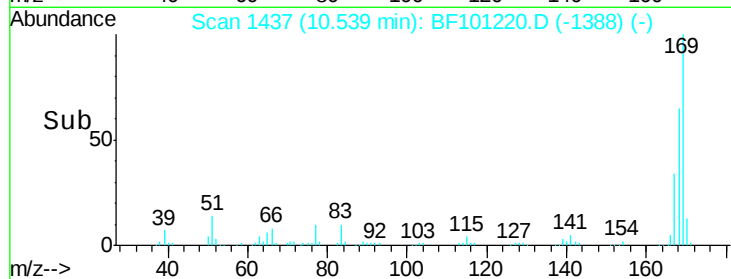
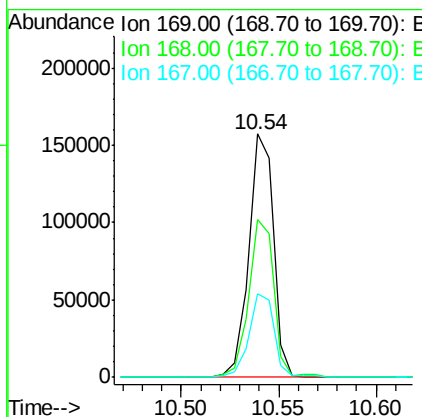
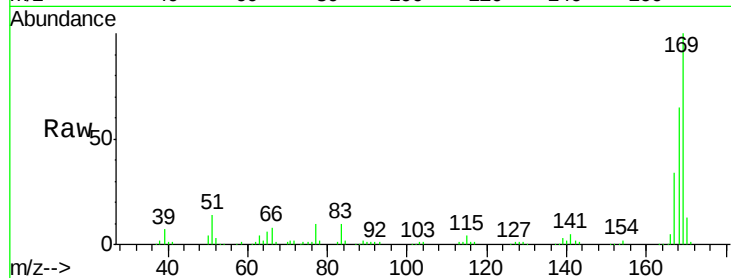
#65
 n-Nitrosodiphenylamine
 Concen: 34.305 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	137752		
168	64.9		54.4	81.6
167	34.3		29.8	44.6

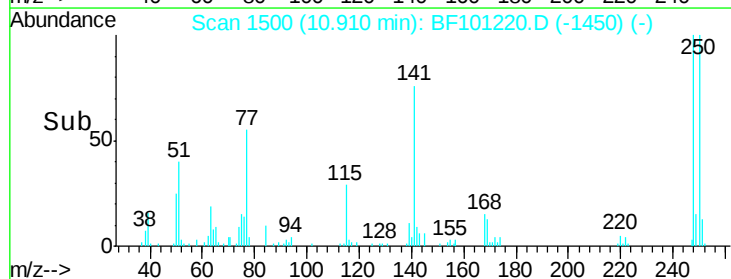
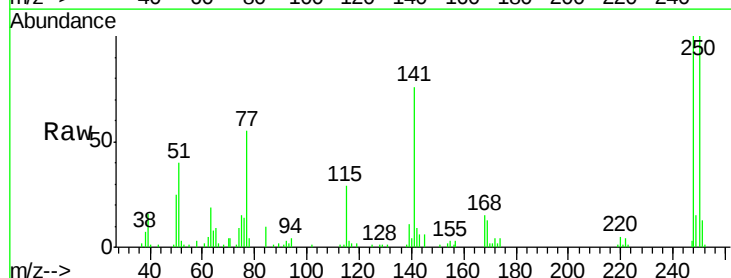
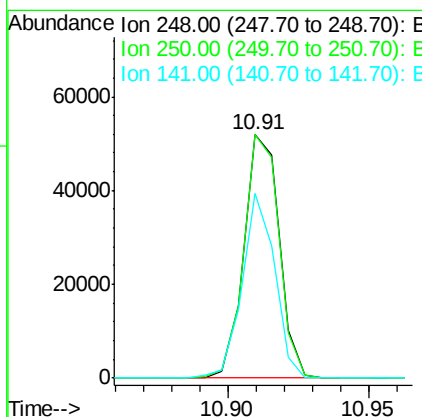
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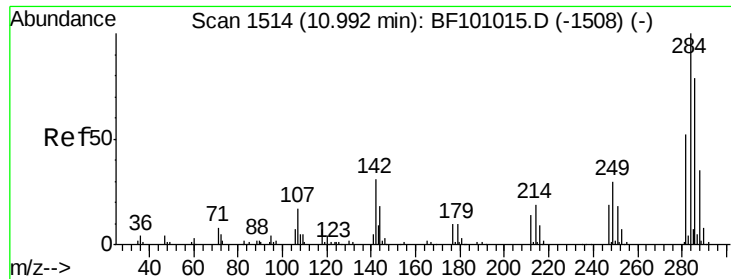
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 35.250 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	44910		
250	99.8		76.9	115.3
141	75.9		74.4	111.6





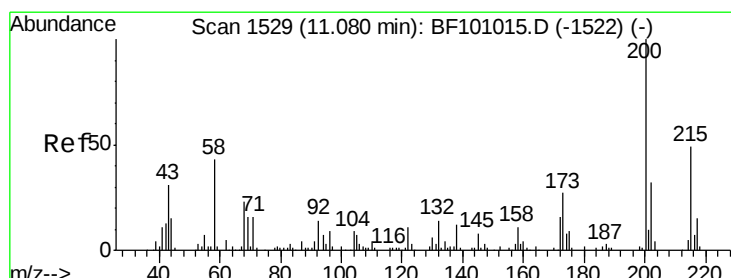
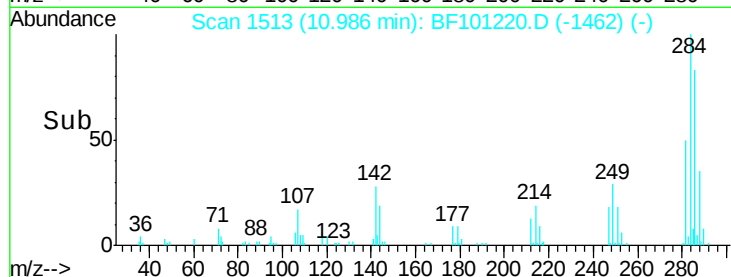
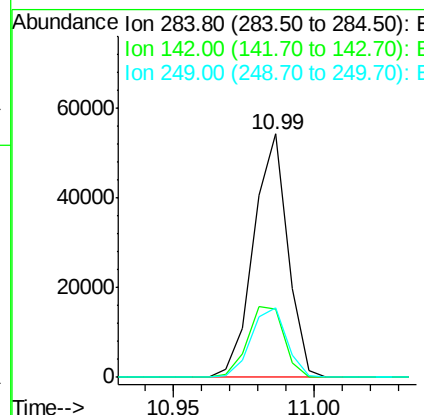
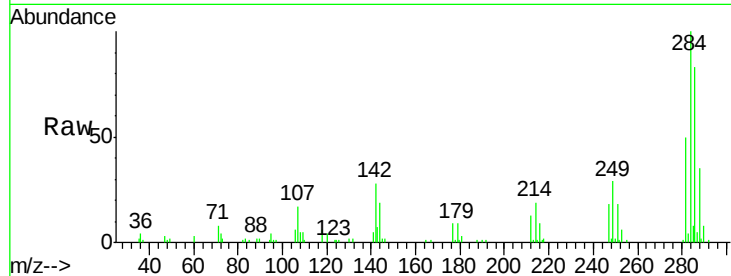
#67
Hexachlorobenzene
Concen: 33.356 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.3	34.6	52.0
249	28.7	24.8	37.2

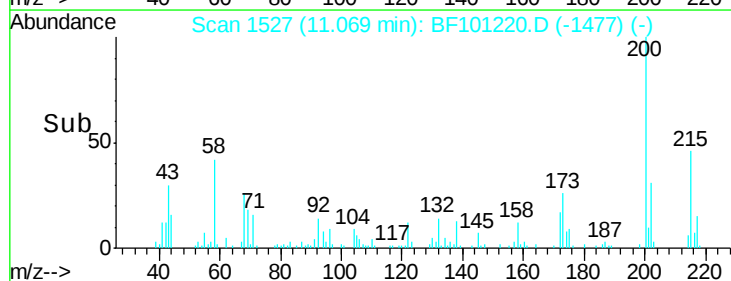
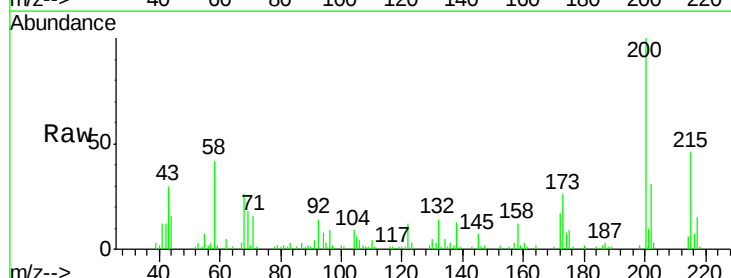
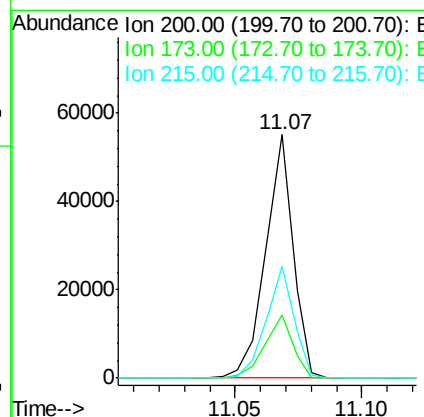
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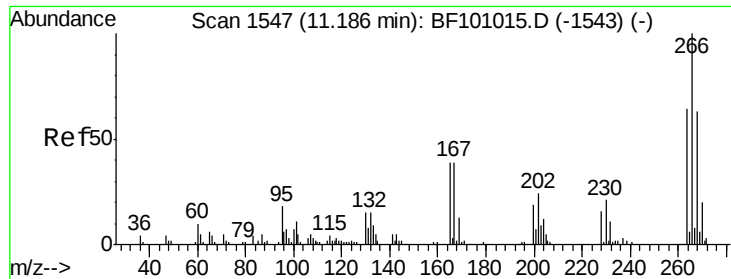
Sohil
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#68
Atrazine
Concen: 34.204 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.6	48.6
215	45.9	25.1	65.1





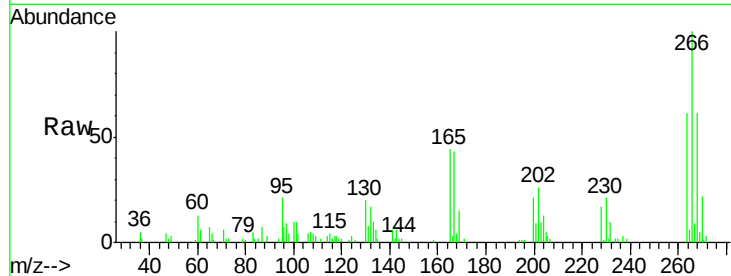
#69
 Pentachlorophenol
 Concen: 47.236 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

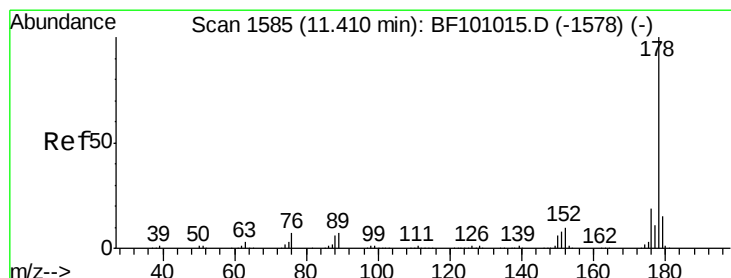
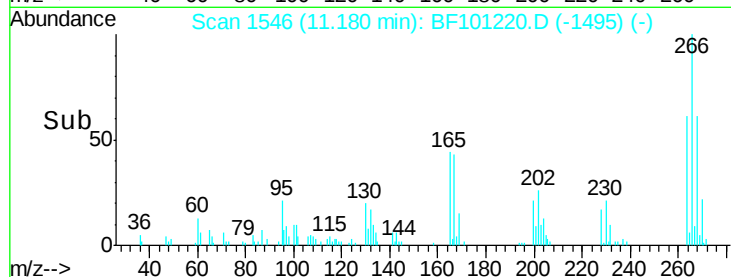
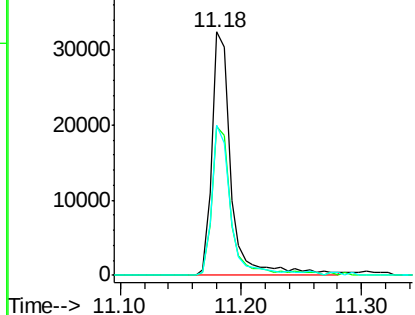
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	61.4	49.5	74.3

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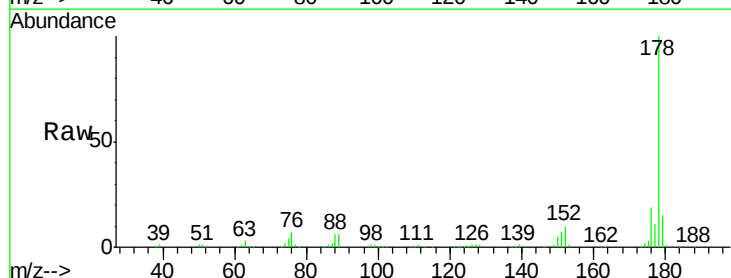


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

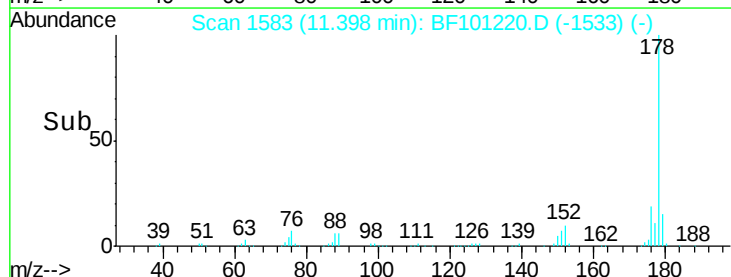
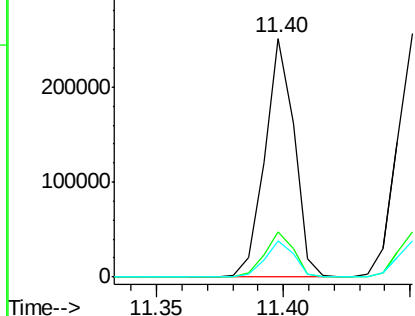


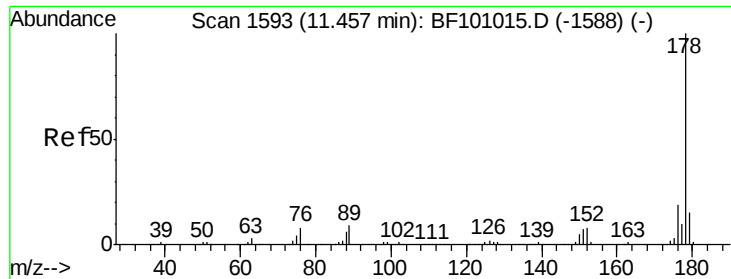
#70
 Phenanthrene
 Concen: 32.550 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





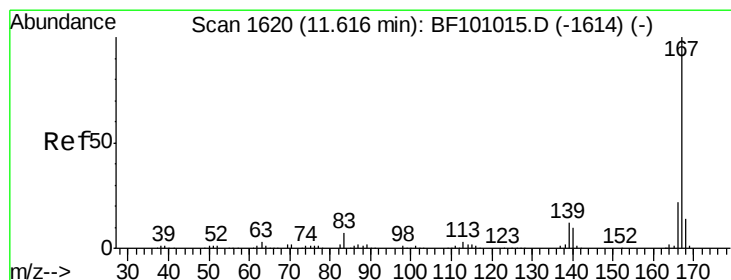
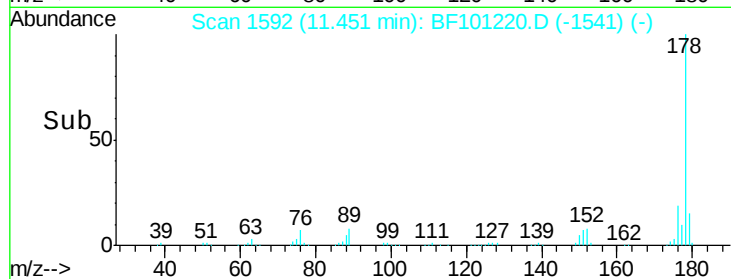
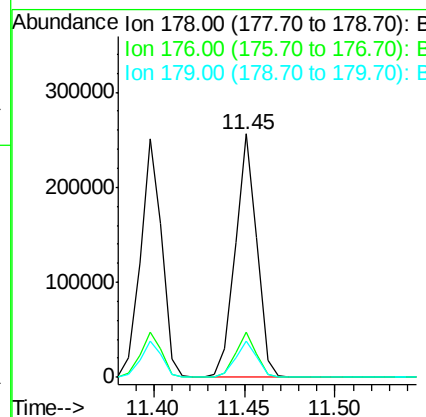
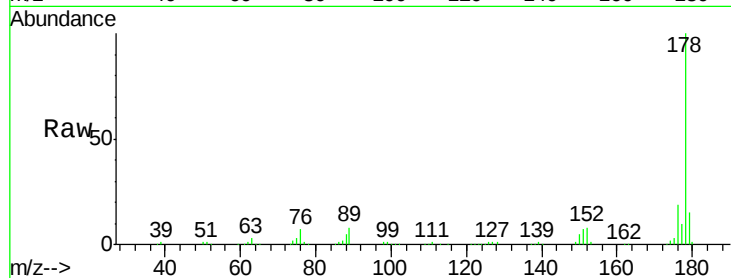
#71
 Anthracene
 Concen: 33.406 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.9	12.6	19.0

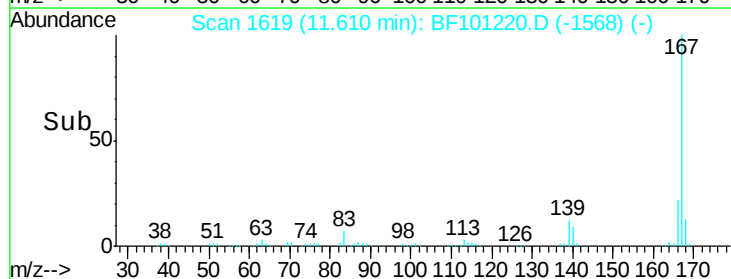
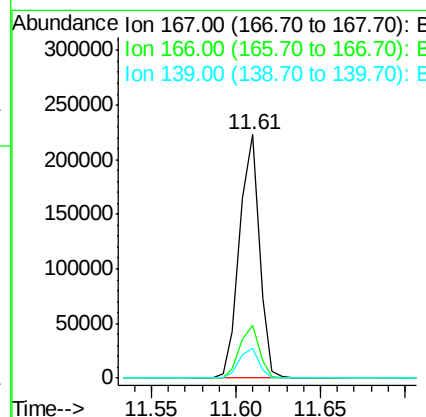
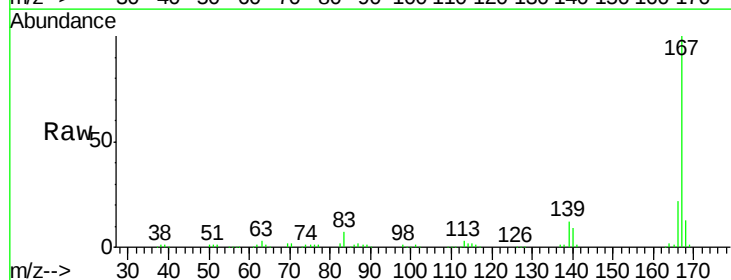
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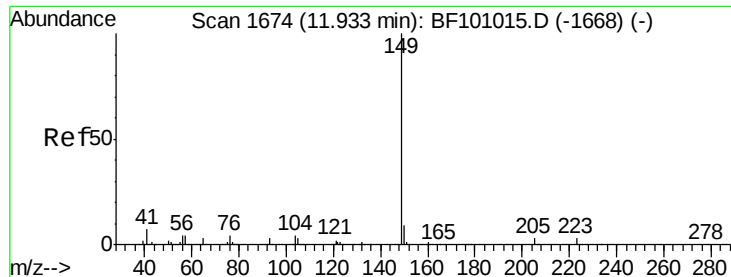
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#72
 Carbazole
 Concen: 31.491 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 33.253 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

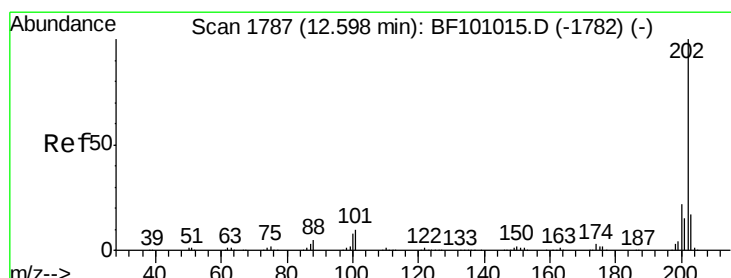
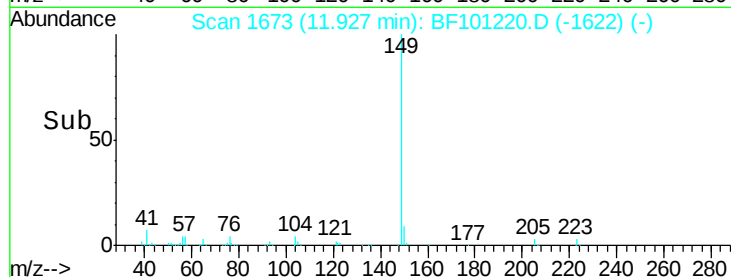
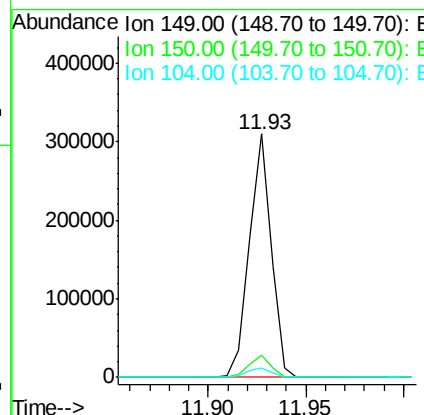
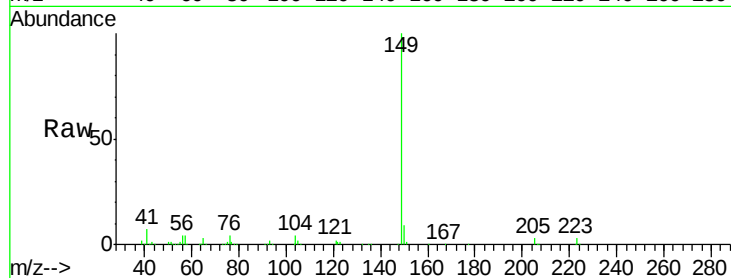
ClientSampleId :

PB104800BSD

Tot Ion:	149	Resp:	241583
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	3.9	3.8	5.8

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#74

Fluoranthene

Concen: 30.826 ng

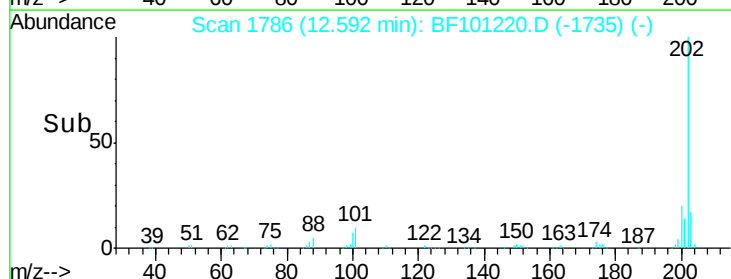
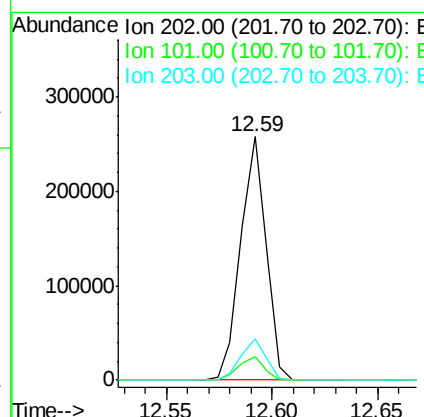
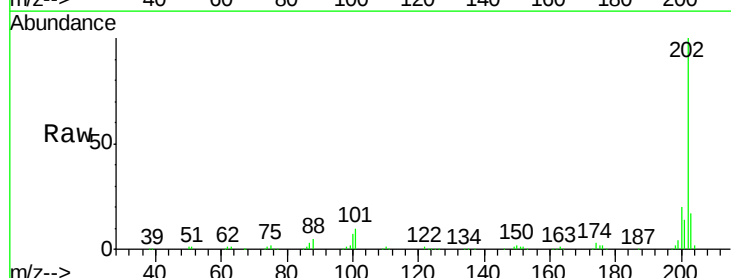
RT: 12.59 min Scan# 1786

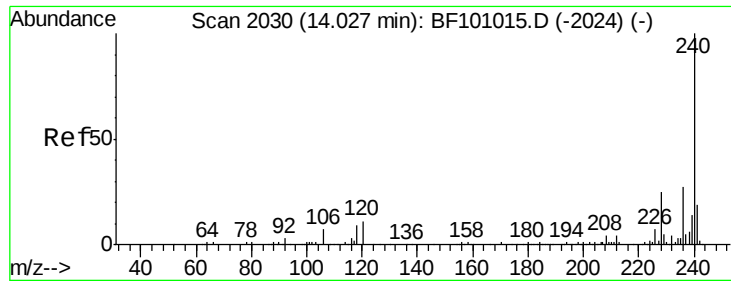
Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	202	Resp:	214184
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	34.1
203	17.0	0.0	38.1





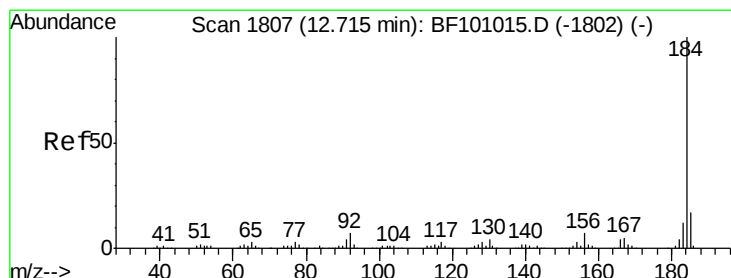
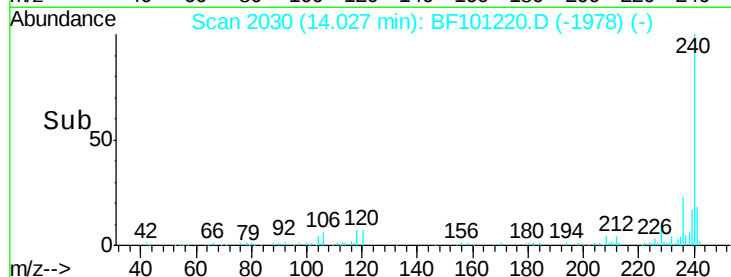
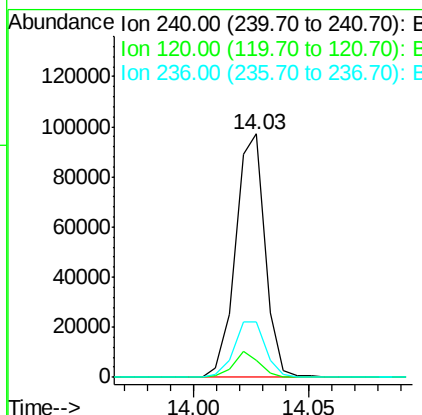
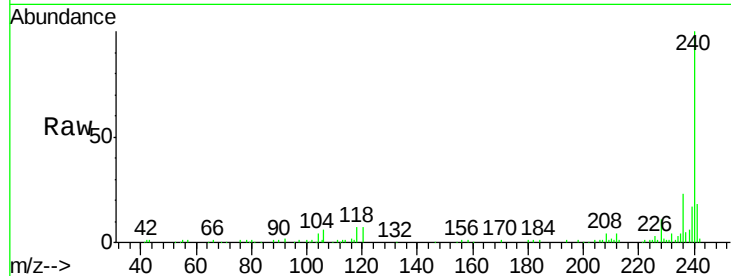
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.5	14.3#
236	22.6	20.7	31.1

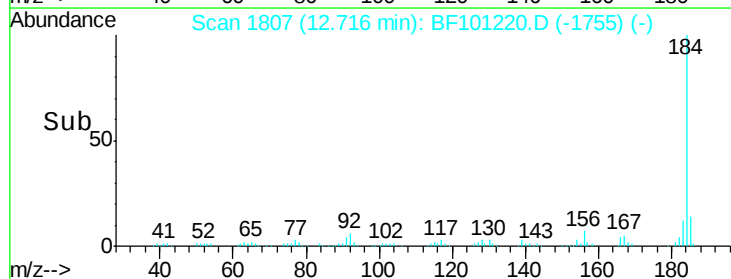
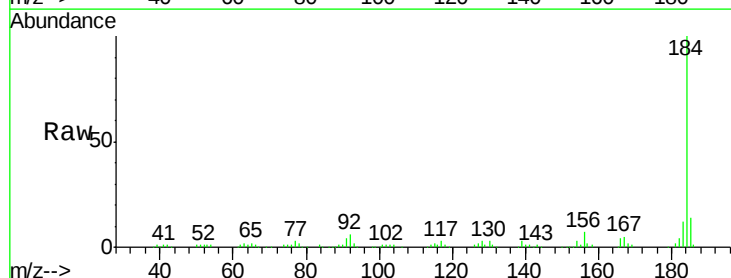
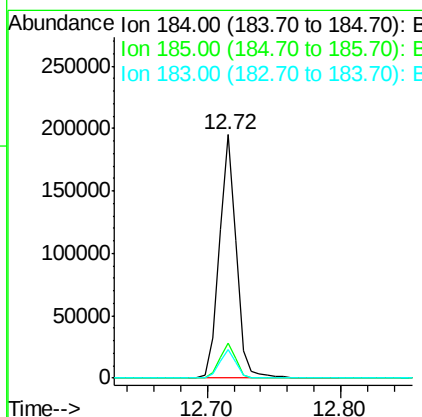
Manual Integrations
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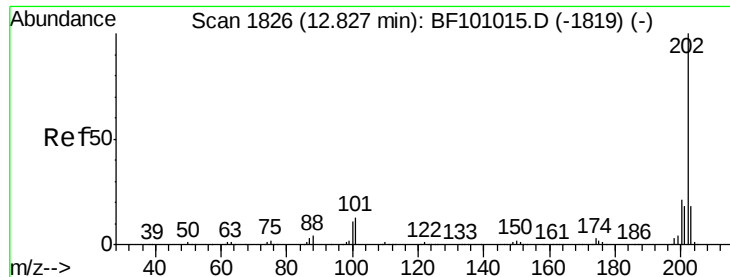
Sohil
12/8/2017 11:12:30 AM



#76
Benzidine
Concen: 62.322 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.6	9.3	13.9





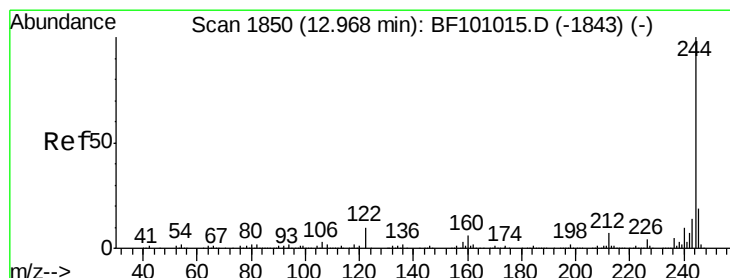
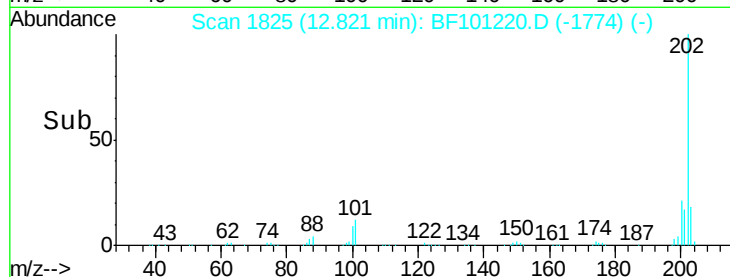
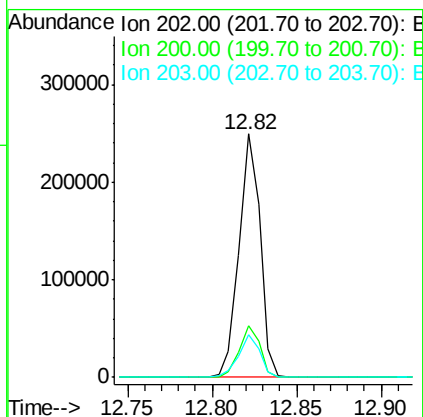
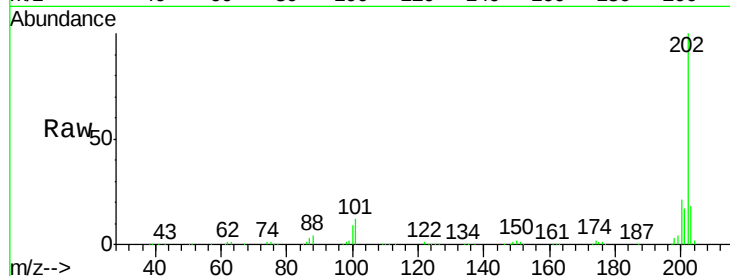
#77
Pvrene
Concen: 36.491 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5

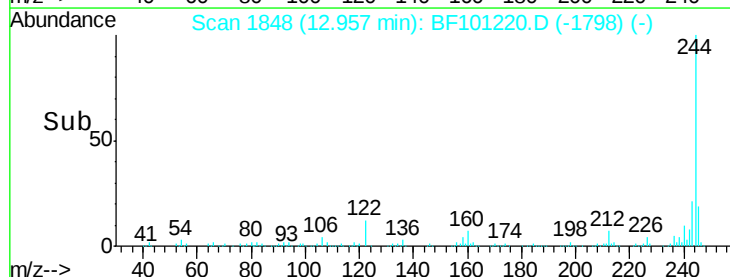
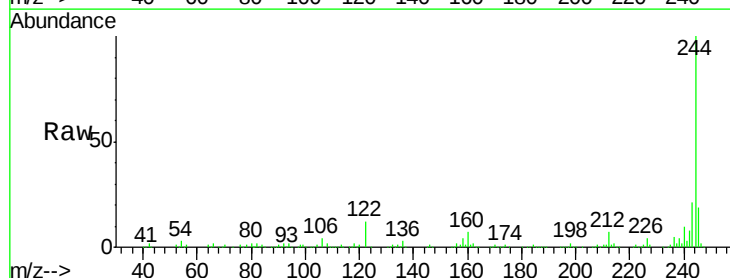
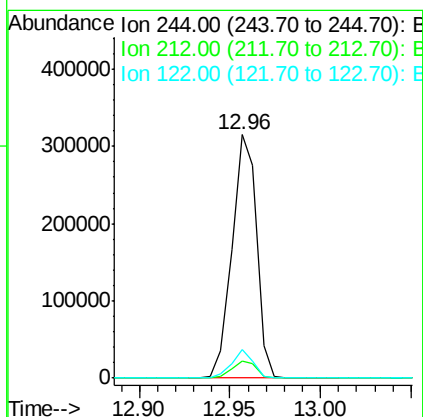
Manual Integrations
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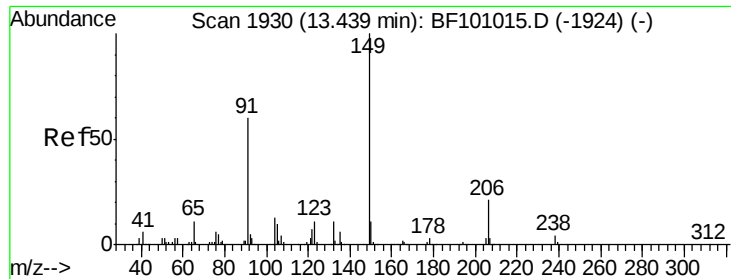
Sohil
12/8/2017 11:12:30 AM



#78
Terphenyl-d14
Concen: 75.386 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4





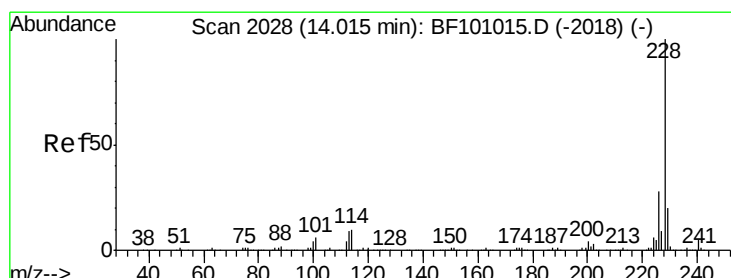
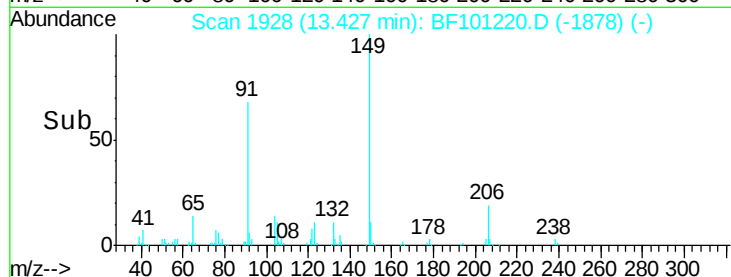
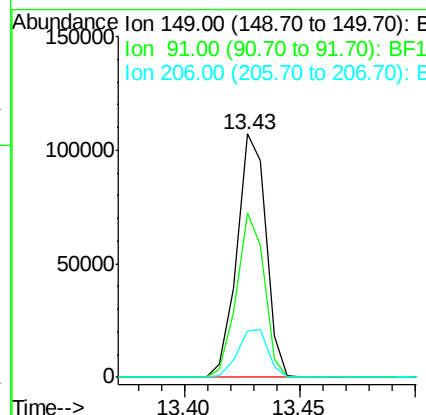
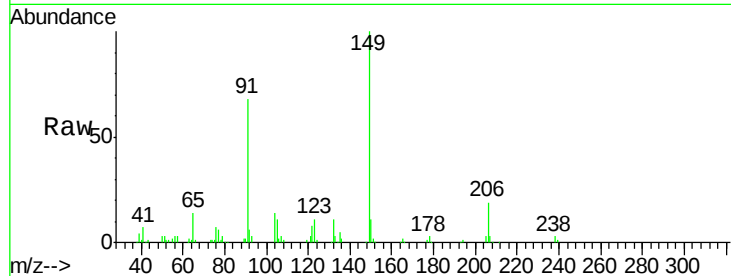
#79
Butylbenzylphthalate
Concen: 35.984 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	94416		
91	67.7	56.8	85.2	
206	18.9	14.1	21.1	

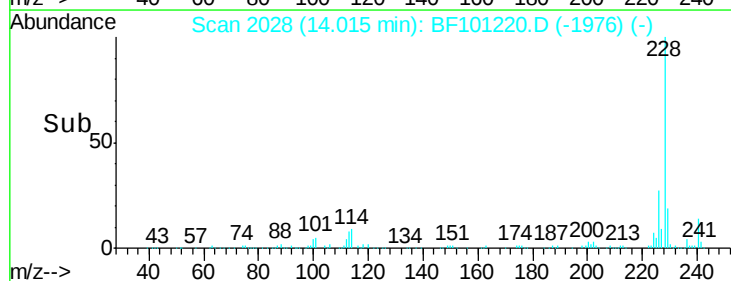
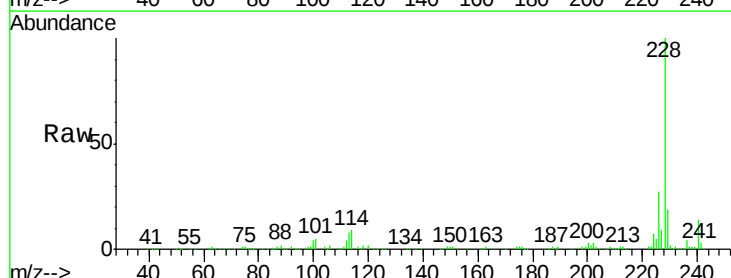
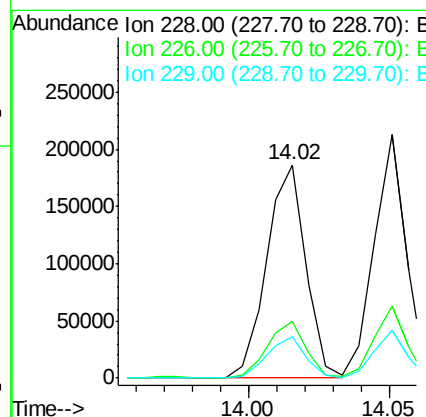
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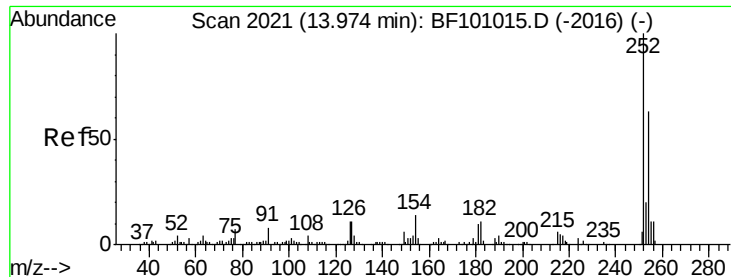
Sohil
12/8/2017 11:12:30 AM



#80
Benzo(a)anthracene
Concen: 32.878 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	179033		
226	26.9	22.6	33.8	
229	19.4	15.8	23.6	





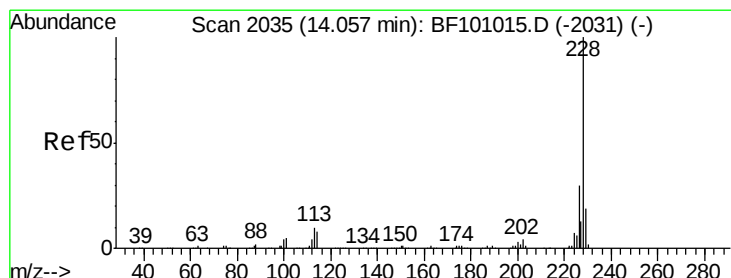
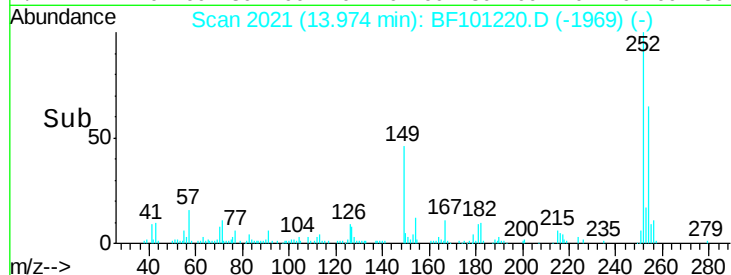
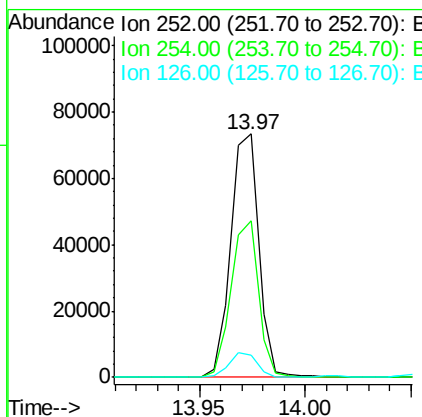
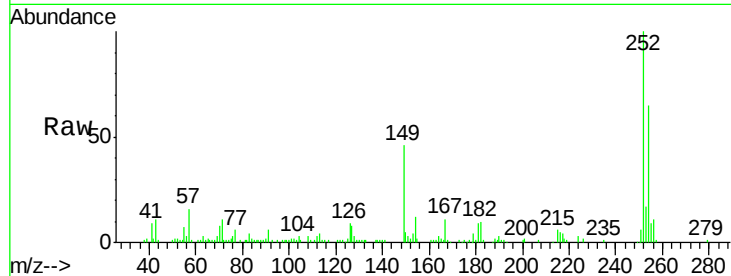
#81
 3,3'-Dichlorobenzidine
 Concen: 35.454 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	9.0	11.3	16.9

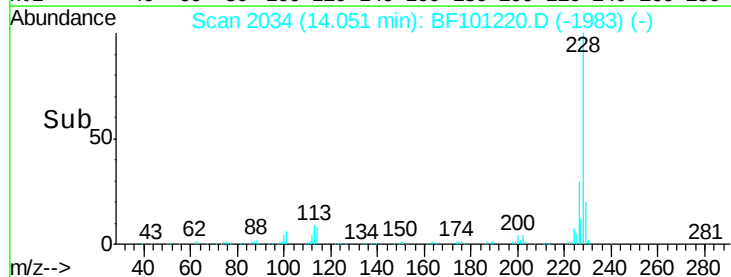
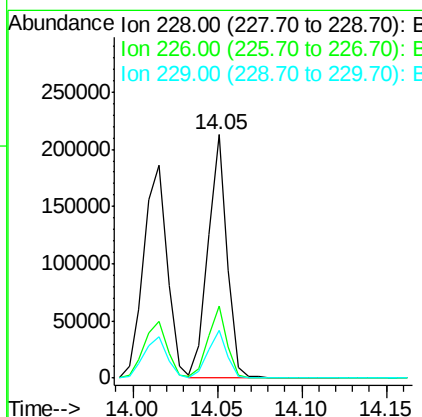
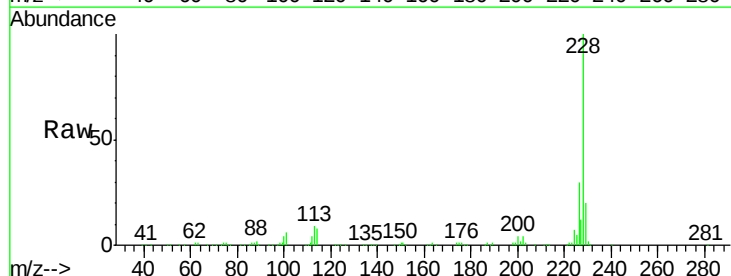
Manual Integrations
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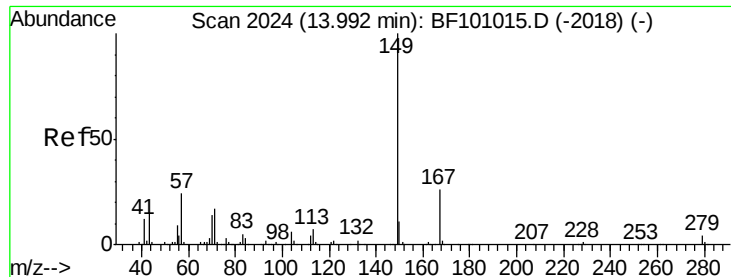
Sohil
 12/8/2017 11:12:30 AM



#82
 Chrysene
 Concen: 33.220 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.561 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

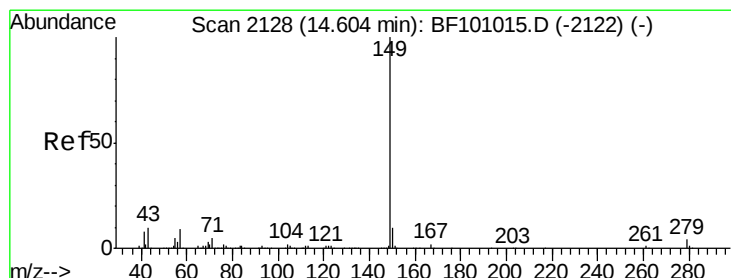
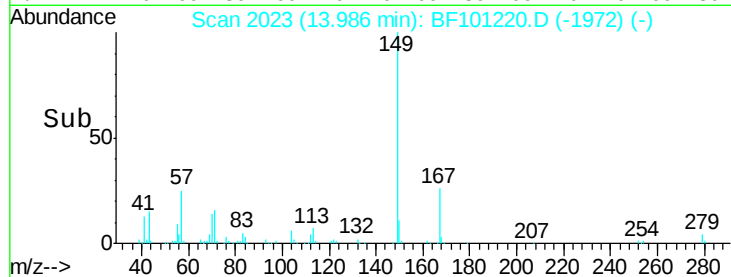
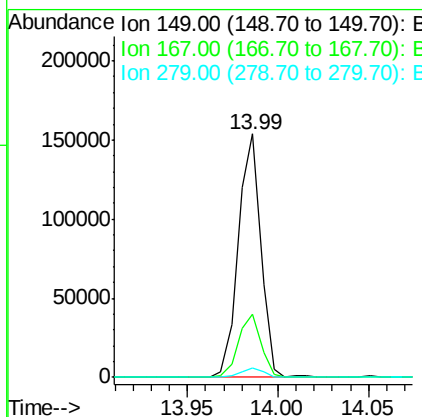
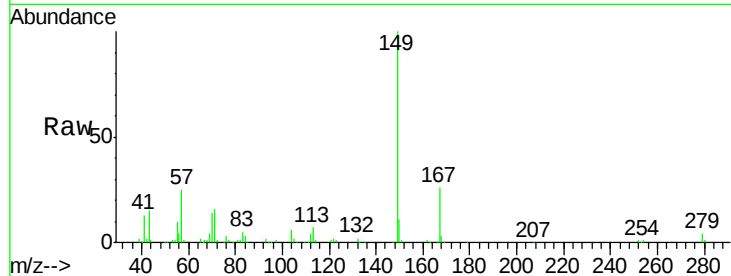
ClientSampleId :

PB104800BSD

Tot Ion:	149	Resp:	133041
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	4.0	3.0	4.4

Manual Integrations
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Sohil
12/8/2017 11:12:30 AM



#84

Di-n-octyl phthalate

Concen: 33.417 ng

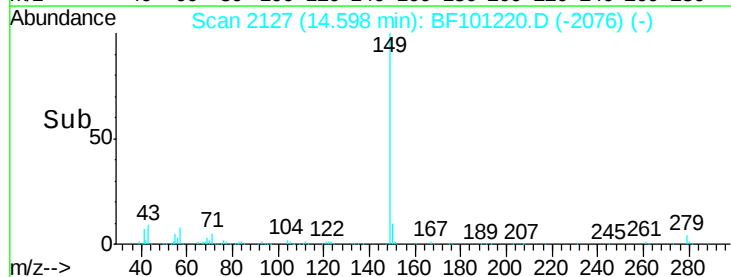
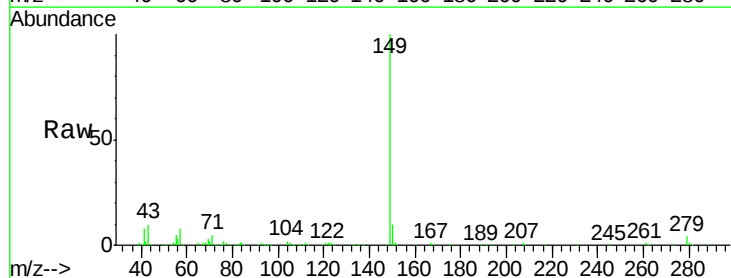
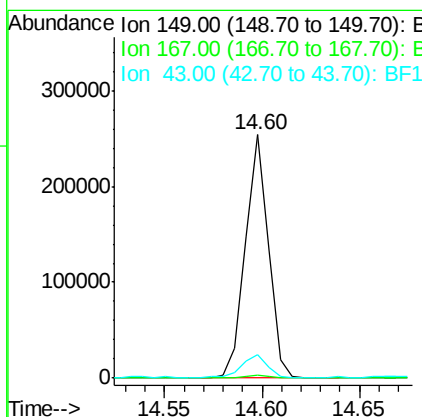
RT: 14.60 min Scan# 2127

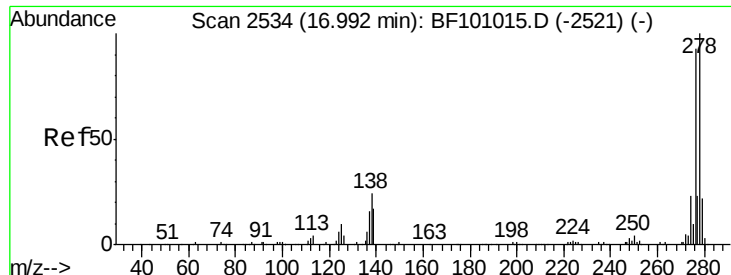
Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	149	Resp:	208160
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.915 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

PB104800BSD

Tot Ion:276 Resp: 125508

Ion Ratio Lower Upper

276 100

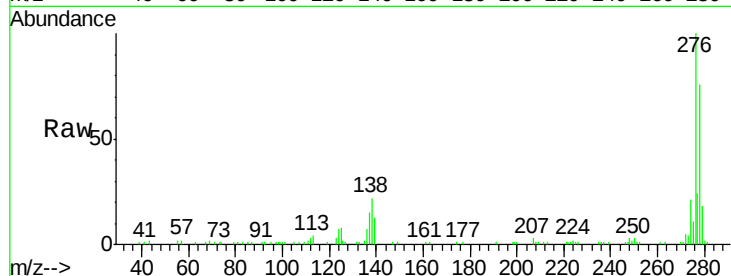
138 23.2 25.0 37.6#

277 26.1 20.1 30.1

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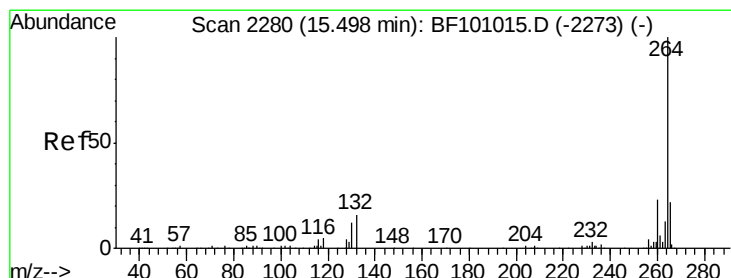
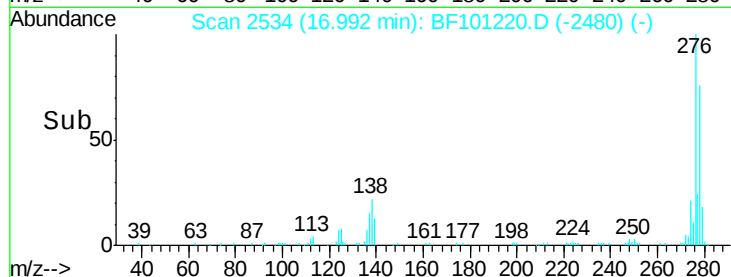
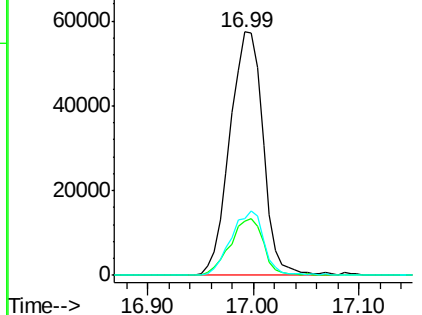
12/8/2017 11:12:30 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:264 Resp: 66442

Ion Ratio Lower Upper

264 100

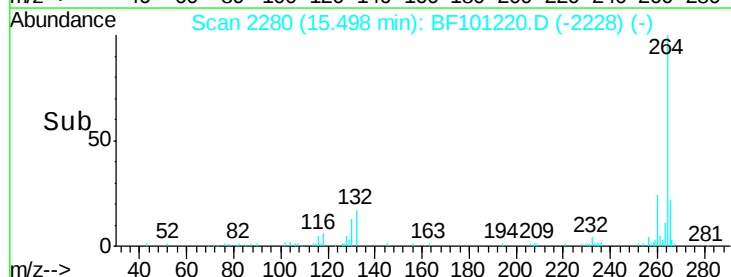
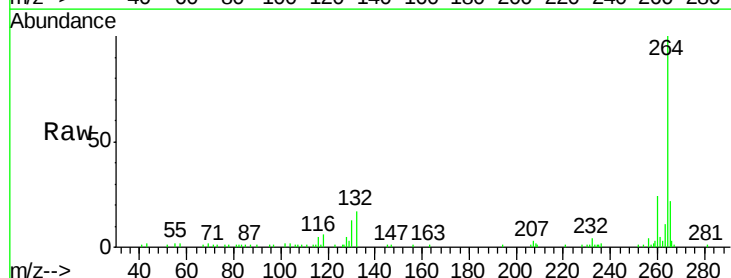
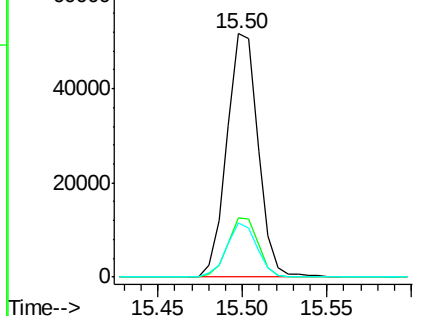
260 24.3 19.2 28.8

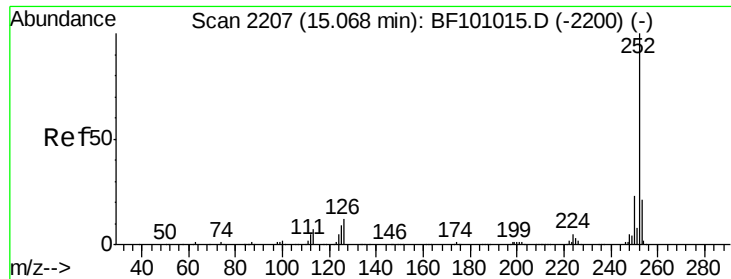
265 22.4 17.5 26.3

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





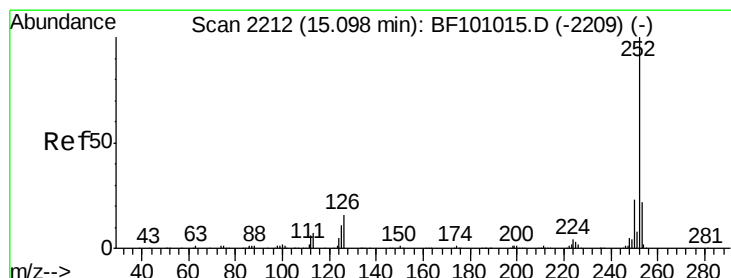
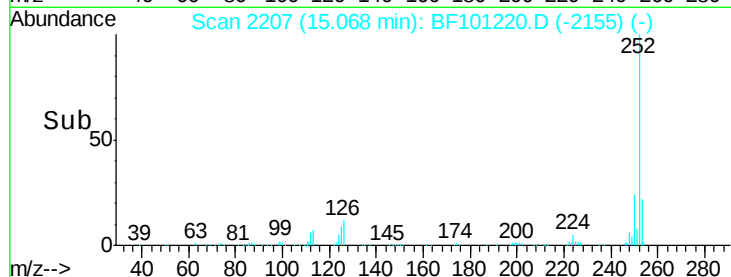
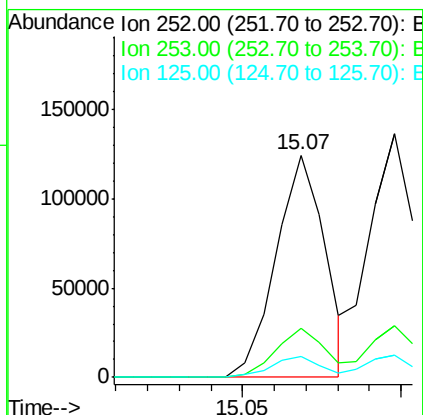
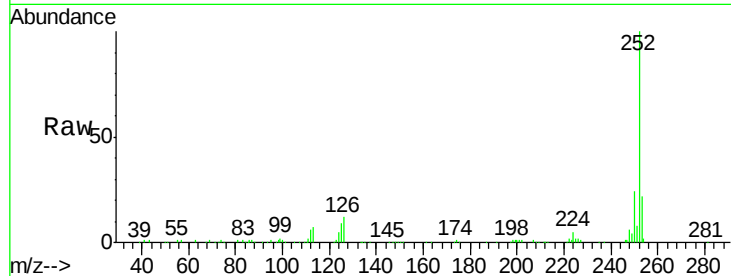
#87
Benzo(b)fluoranthene
Concen: 33.745 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	9.5	9.0	13.6

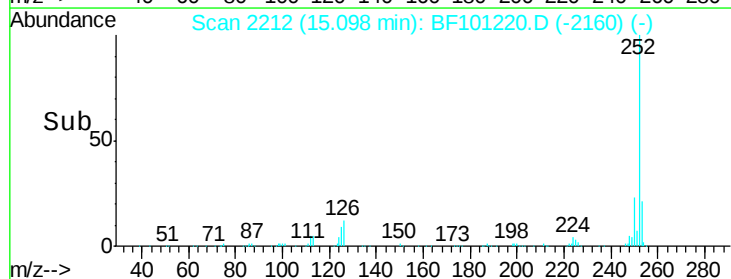
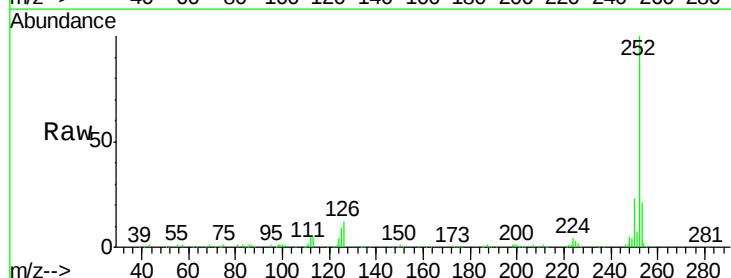
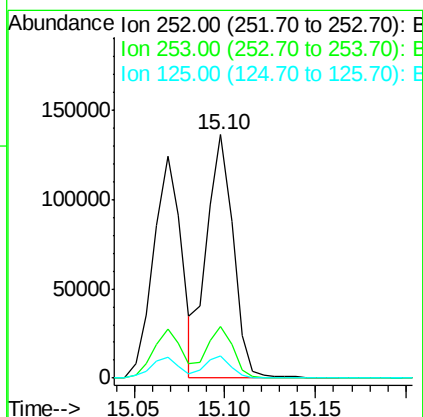
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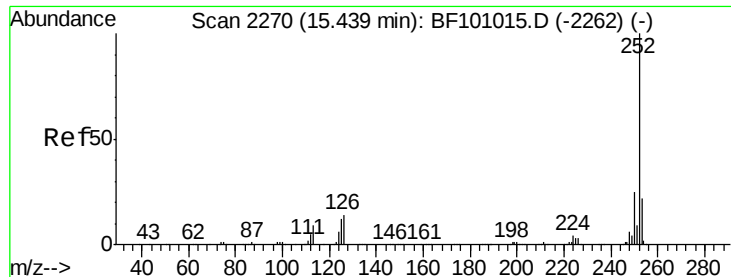
Sohil
12/8/2017 11:12:30 AM



#88
Benzo(k)fluoranthene
Concen: 35.557 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	9.1	10.2	15.2#





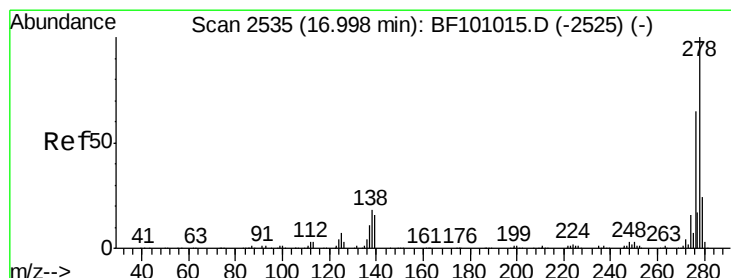
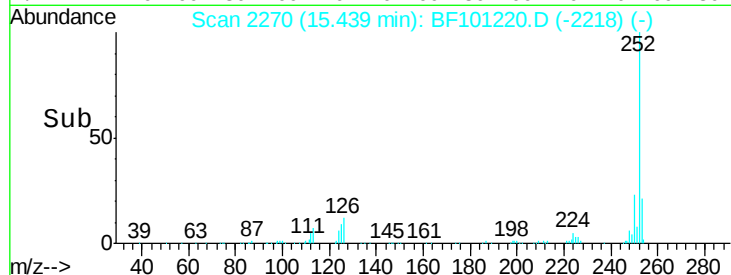
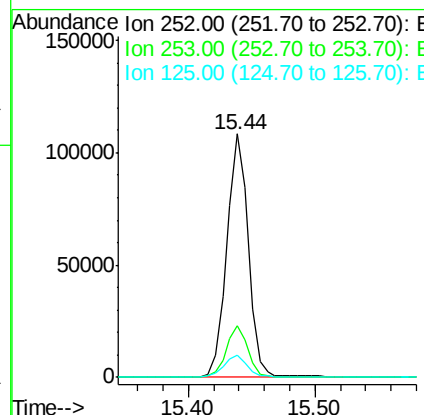
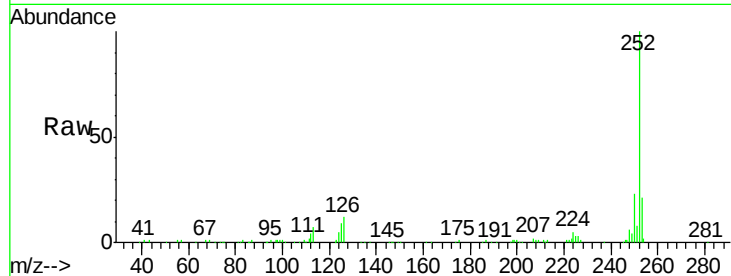
#89
Benzo(a)pyrene
Concen: 35.329 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	9.2	9.8	14.6

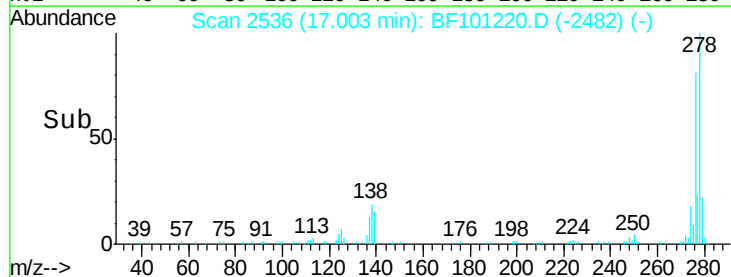
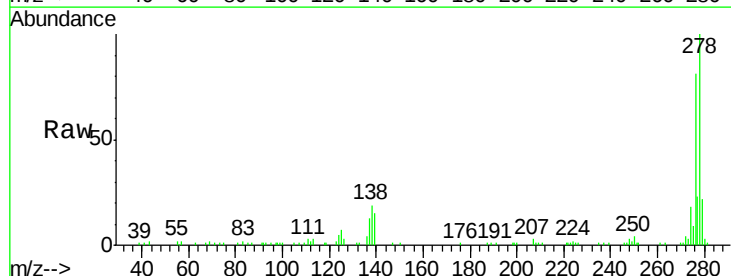
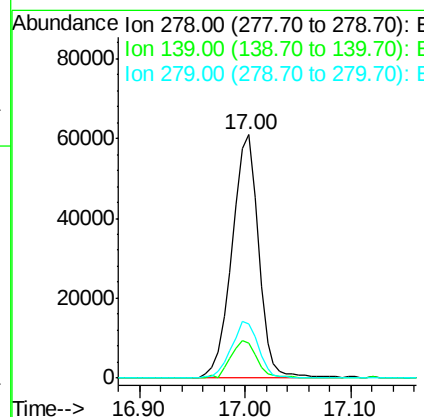
Manual Integrations
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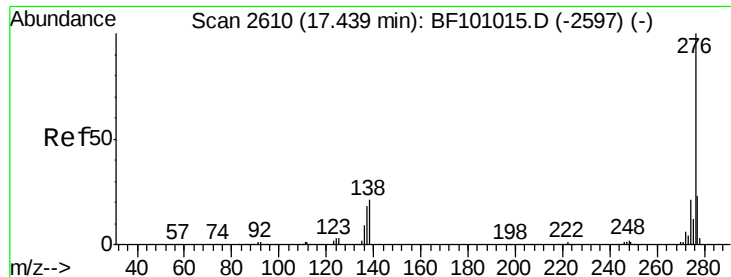
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 33.412 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.9	23.9
279	22.5	19.0	28.4





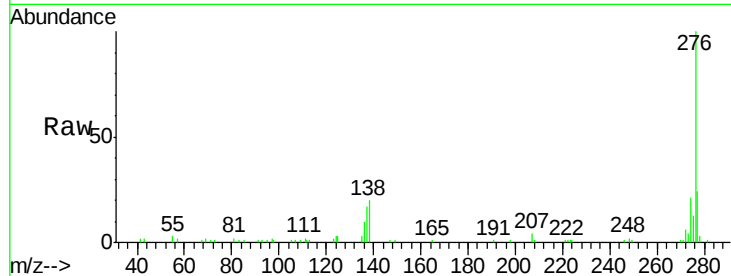
#91
 Benzo(a,h,i)perylene
 Concen: 33.909 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.0	21.8	32.8

Manual Integrations
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Sohil
 12/8/2017 11:12:30 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

