

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102163.D
 Acq On : 17 Jan 2018 21:14
 Operator : SJ/JU
 Sample : J1152-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Manual Integrations
 APPROVED

Sohil
 1/18/2018 11:12:32 AM

Quant Time: Jan 18 03:33:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159612	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	638215	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	261970	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	385880	20.00	ng	0.00
75) Chrysene-d12	13.87	240	259335	20.00	ng	0.00
86) Perylene-d12	15.29	264	284778	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1041613	92.15	ng	0.02
7) Phenol-d6	6.37	99	1247905	92.53	ng	0.01
23) Nitrobenzene-d5	7.29	82	791325	72.86	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	239666	104.83	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1338947	79.85	ng	0.00
78) Terphenyl-d14	12.82	244	847024	67.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	149251	26.459	ng	96
3) Pyridine	3.16	79	394623	25.617	ng	95
4) n-Nitrosodimethylamine	3.12	42	214290	33.219	ng	94
6) Aniline	6.39	93	394099	20.736	ng	# 82
8) 2-Chlorophenol	6.51	128	399965	35.281	ng	98
9) Benzaldehyde	6.27	77	54679	5.839	ng	95
10) Phenol	6.38	94	506011	33.201	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	371885	32.058	ng	95
12) 1,3-Dichlorobenzene	6.66	146	430903	32.973	ng	99
13) 1,4-Dichlorobenzene	6.74	146	435772	33.418	ng	100
14) 1,2-Dichlorobenzene	6.89	146	406680	33.694	ng	99
15) Benzyl Alcohol	6.87	79	327816	33.231	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	621591	29.068	ng	99
17) 2-Methylphenol	6.99	107	332528	32.516	ng	96
18) Hexachloroethane	7.23	117	145623	31.712	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	265290	30.018	ng	96
20) 3+4-Methylphenols	7.14	107	382969	31.189	ng	# 67
22) Acetophenone	7.14	105	551869	35.889	ng	# 90
24) Nitrobenzene	7.31	77	404579	34.667	ng	98
25) Isophorone	7.55	82	732160	34.118	ng	98
26) 2-Nitrophenol	7.62	139	205176	42.005	ng	99
27) 2,4-Dimethylphenol	7.66	122	349883	38.354	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	470203	36.289	ng	99
29) 2,4-Dichlorophenol	7.87	162	325124	37.534	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	326508	36.037	ng	98
31) Naphthalene	8.03	128	1099762	34.486	ng	100
32) Benzoic acid	7.75	122	39106	5.653	ng	97
33) 4-Chloroaniline	8.07	127	189062	13.890	ng	98
34) Hexachlorobutadiene	8.14	225	173881	36.256	ng	99
35) Caprolactam	8.45	113	101761m	34.221	ng	
36) 4-Chloro-3-methylphenol	8.57	107	341559	36.023	ng	100
37) 2-Methylnaphthalene	8.72	142	747010	35.581	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	303223	40.913	ng	100
40) Hexachlorocyclopentadiene	8.87	237	157406	38.835	ng	98

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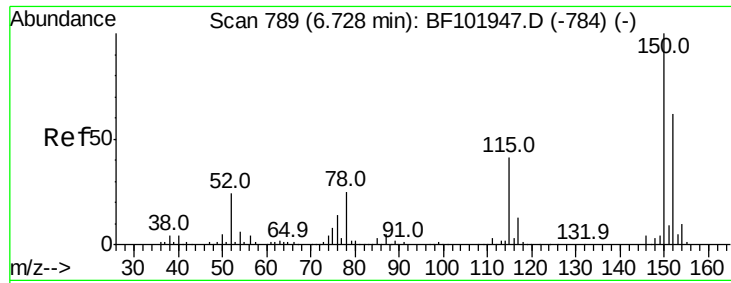
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207987	40.724	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	215591	37.349	ng	96
45) 1,1'-Biphenyl	9.19	154	867222	37.452	ng	98
46) 2-Chloronaphthalene	9.21	162	648406	36.111	ng	98
47) 2-Nitroaniline	9.30	65	214236	39.831	ng	92
48) Acenaphthylene	9.62	152	967156	33.940	ng	99
49) Dimethylphthalate	9.49	163	945715	45.001	ng	100
50) 2,6-Dinitrotoluene	9.55	165	163355	38.914	ng	97
51) Acenaphthene	9.79	154	571794	33.060	ng	100
52) 3-Nitroaniline	9.72	138	142009	26.805	ng	94
53) 2,4-Dinitrophenol	9.82	184	38420	30.015	ng	# 22
54) Dibenzofuran	9.96	168	847045	35.684	ng	96
55) 4-Nitrophenol	9.89	139	255556	64.727	ng	96
56) 2,4-Dinitrotoluene	9.95	165	203888	38.751	ng	98
57) Fluorene	10.30	166	618495	37.691	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	153612	37.379	ng	99
59) Diethylphthalate	10.19	149	744368	35.608	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	282625	40.448	ng	96
61) 4-Nitroaniline	10.33	138	153770	30.583	ng	98
62) Azobenzene	10.46	77	687048	33.033	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	39673	22.359	ng	86
65) n-Nitrosodiphenylamine	10.42	169	582891	40.339	ng	100
66) 4-Bromophenyl-phenylether	10.79	248	168847	41.434	ng	97
67) Hexachlorobenzene	10.85	284	170181	38.254	ng	92
68) Atrazine	10.95	200	175788	42.096	ng	98
69) Pentachlorophenol	11.05	266	165058	60.845	ng	97
70) Phenanthrene	11.26	178	799557	35.472	ng	99
71) Anthracene	11.32	178	815903	35.691	ng	99
72) Carbazole	11.47	167	734310	32.680	ng	99
73) Di-n-butylphthalate	11.80	149	1018743	36.955	ng	99
74) Fluoranthene	12.45	202	672457	30.322	ng	98
76) Benzidine	12.57	184	408179	32.594	ng	98
77) Pyrene	12.67	202	670441	29.247	ng	99
79) Butylbenzylphthalate	13.30	149	326185	31.006	ng	94
80) Benzo(a)anthracene	13.86	228	573647	34.669	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	215045	35.100	ng	98
82) Chrysene	13.90	228	566745	32.849	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	413623	34.273	ng	100
84) Di-n-octyl phthalate	14.47	149	756590	37.780	ng	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	577483	45.987	ng	100
87) Benzo(b)fluoranthene	14.89	252	645241	34.749	ng	99
88) Benzo(k)fluoranthene	14.92	252	580010	32.380	ng	96
89) Benzo(a)pyrene	15.23	252	601214	35.981	ng	98
90) Dibenzo(a,h)anthracene	16.68	278	491732	36.877	ng	99
91) Benzo(g,h,i)perylene	17.08	276	456953	34.020	ng	98

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



#1

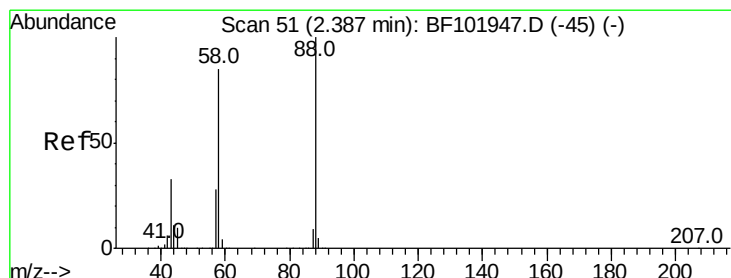
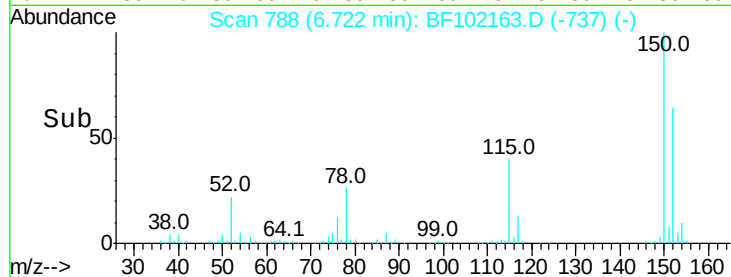
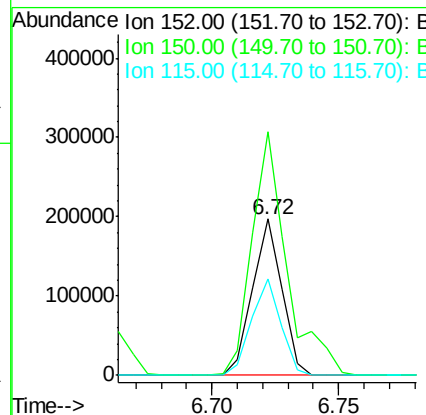
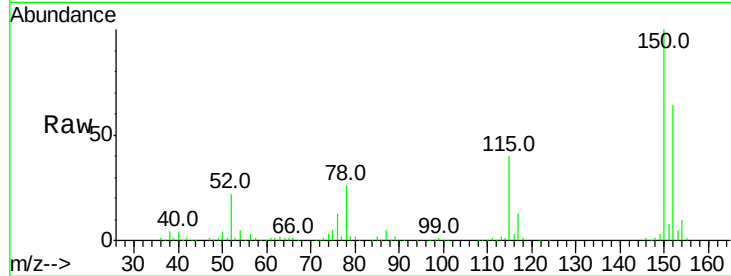
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
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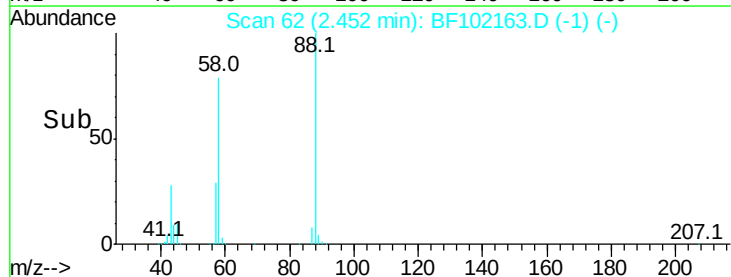
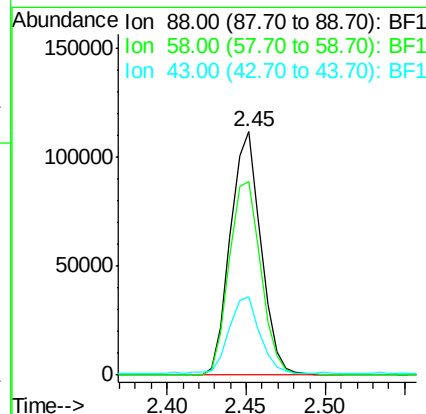
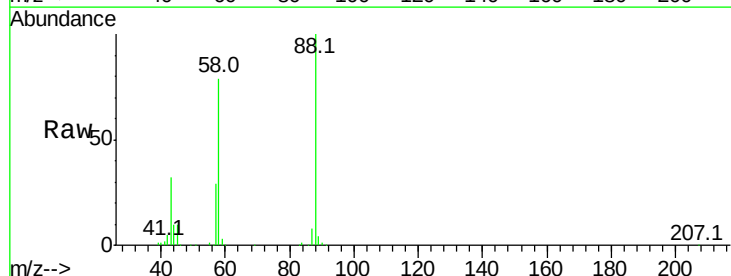
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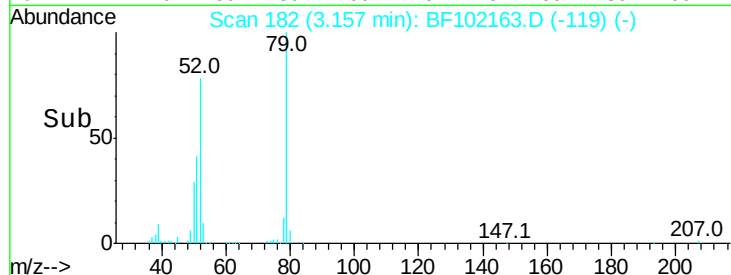
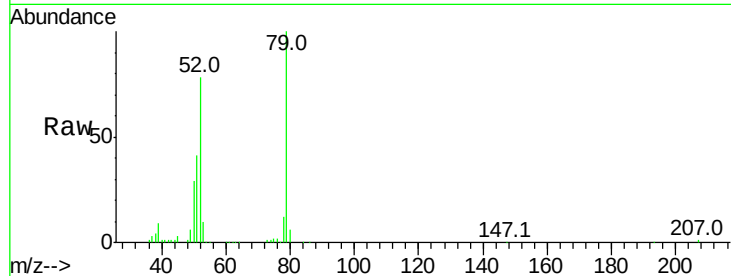
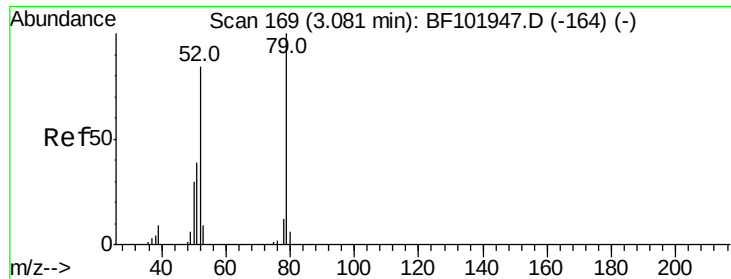


#2

1,4-Dioxane
Concen: 26.459 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.07 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	31.6	24.6	37.0





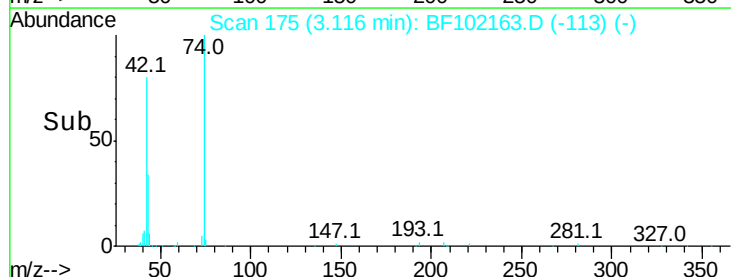
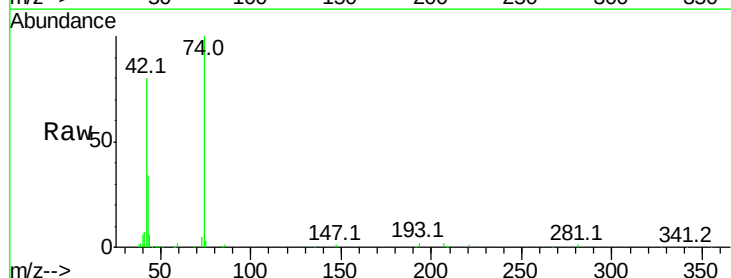
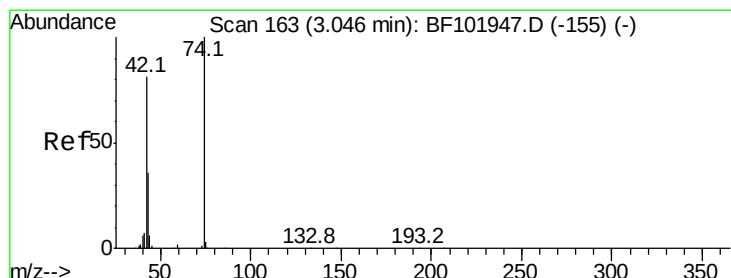
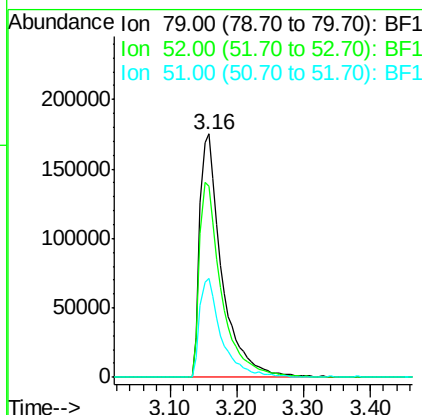
#3
Pvridine
Concen: 25.617 ng
RT: 3.16 min Scan# 182
Delta R.T. 0.07 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		394623		
52	78.3	59.8		89.6	
51	40.9	29.8		44.8	

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

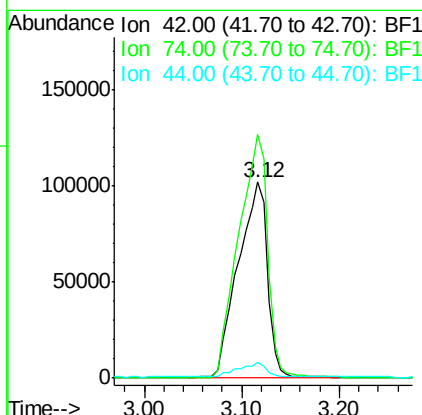
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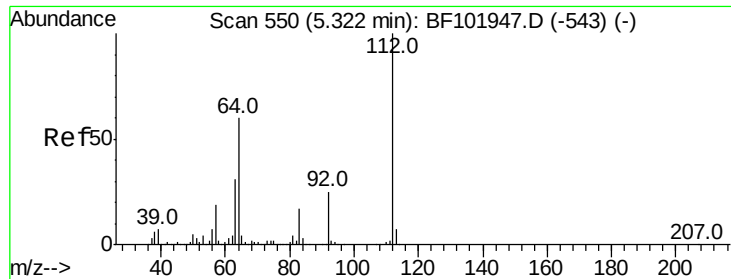
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#4
n-Nitrosodimethylamine
Concen: 33.219 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.06 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		214290		
74	124.3	104.9		157.3	
44	8.1	6.9		10.3	





#5

2-Fluorophenol

Concen: 92.151 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

ClientSampleId :

LTP-1MSD

Tot Ion:112 Resp: 1041613

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

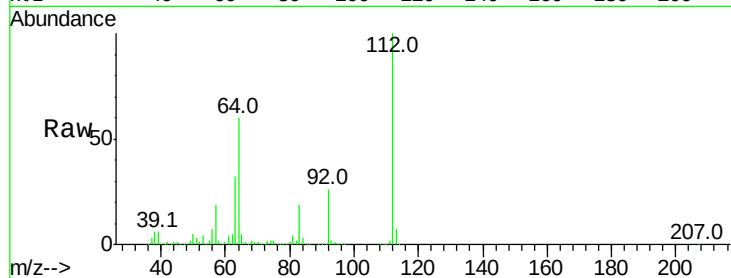
63 31.7 23.7 35.5

Manual Integrations

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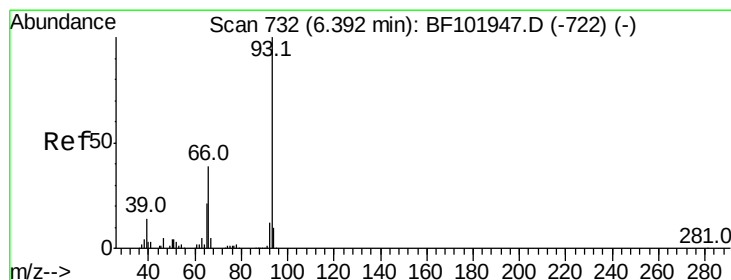
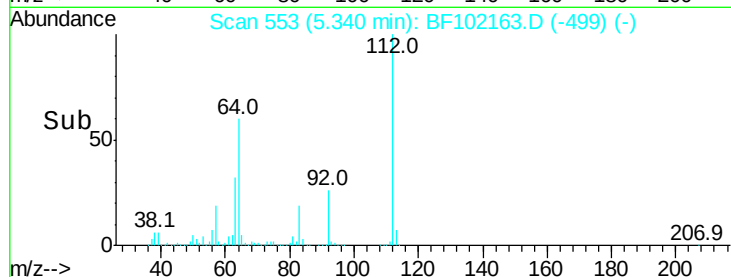
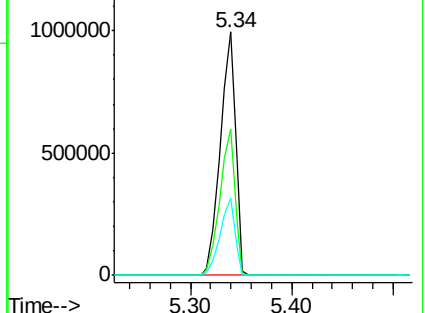
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.736 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

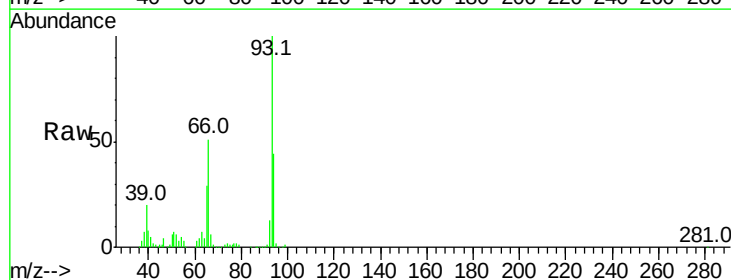
Tgt Ion: 93 Resp: 394099

Ion Ratio Lower Upper

93 100

66 51.2 32.2 48.2#

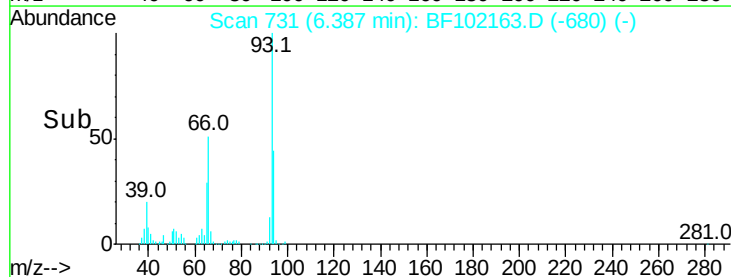
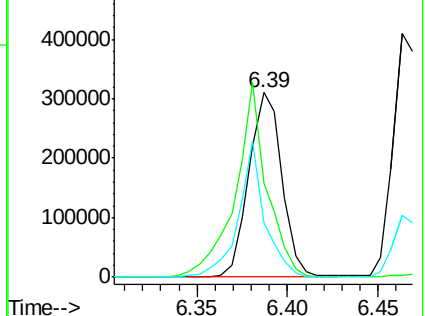
65 29.1 16.4 24.6#

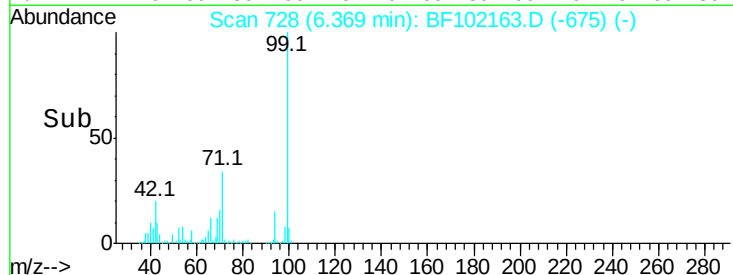
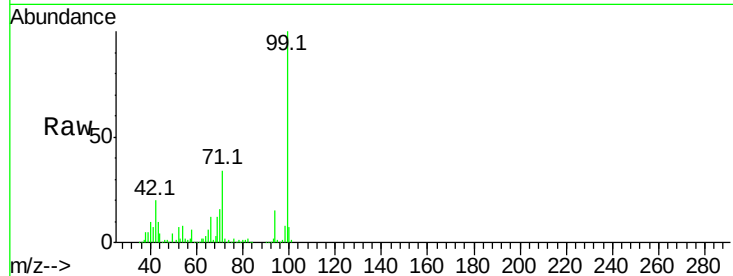
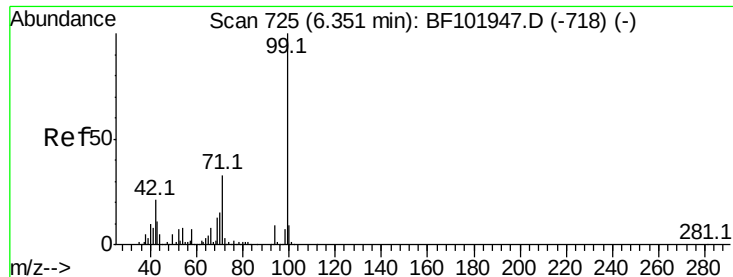


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.533 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tot Ion:	99	Resp:	1247905
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	34.5	25.4	38.0

Instrument :

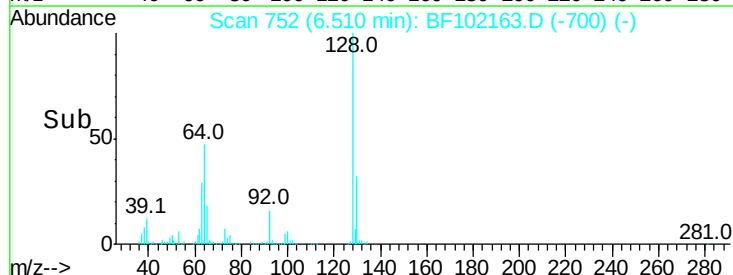
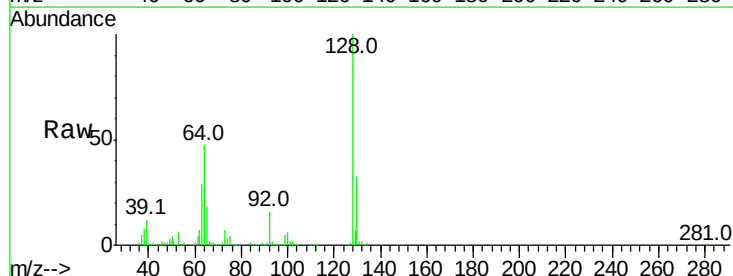
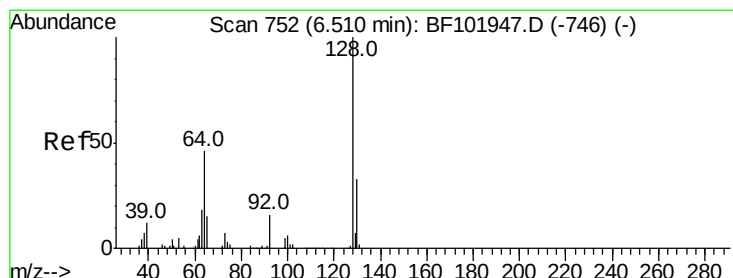
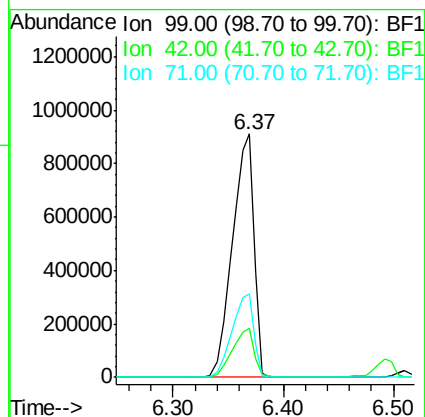
BNA_F

ClientSampleId :

LTP-1MSD

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#8

2-Chlorophenol

Concen: 35.281 ng

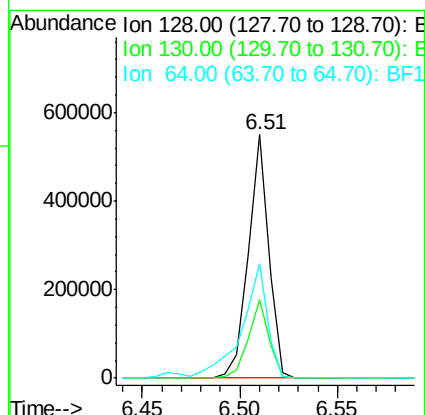
RT: 6.51 min Scan# 752

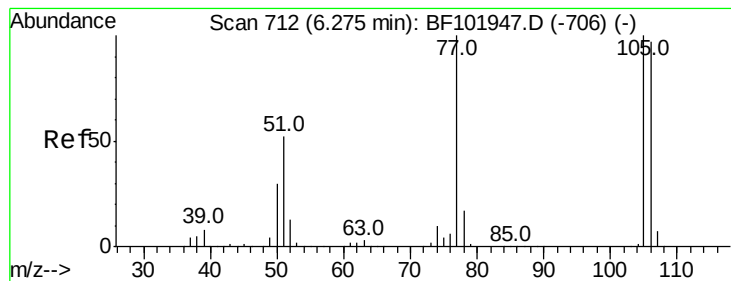
Delta R.T. 0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion:	128	Resp:	399965
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	47.1	29.4	69.4





#9

Benzaldehyde

Concen: 5.839 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

ClientSampled :

LTP-1MSD

Tot Ion: 77 Resp: 54679

Ion Ratio Lower Upper

77 100

105 105.7 81.1 121.1

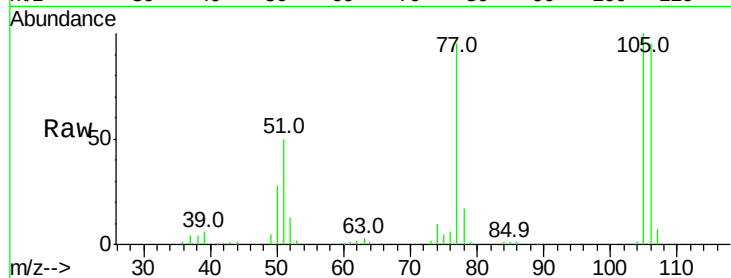
106 99.9 74.5 114.5

Manual Integrations

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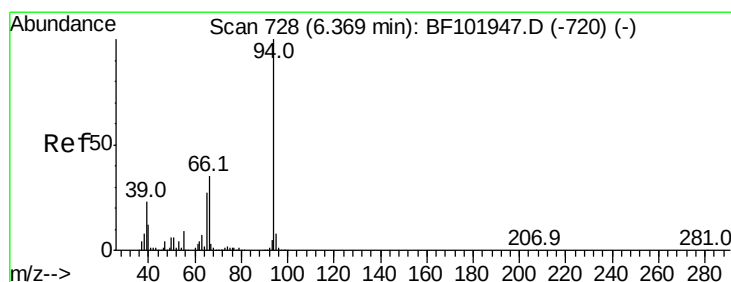
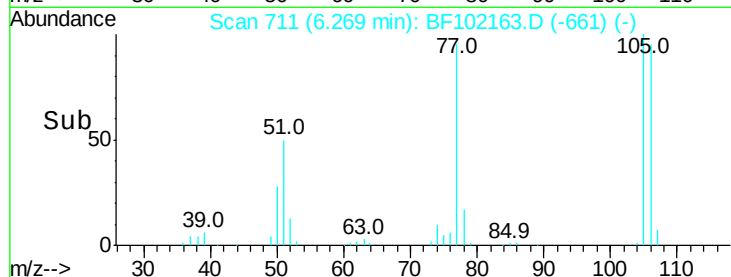
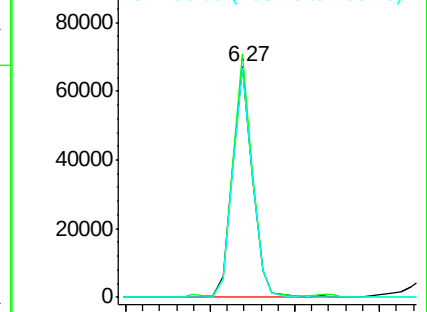
1/18/2018 11:12:32 AM



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: 33.201 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

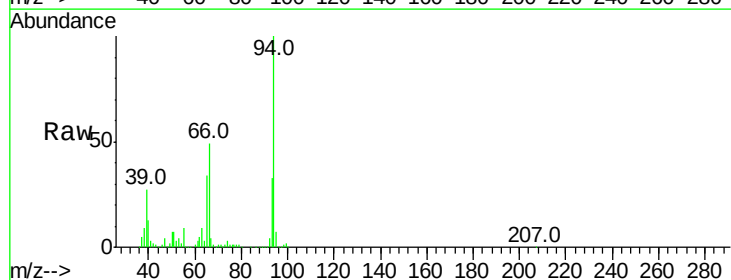
Tgt Ion: 94 Resp: 506011

Ion Ratio Lower Upper

94 100

65 34.4 7.9 47.9

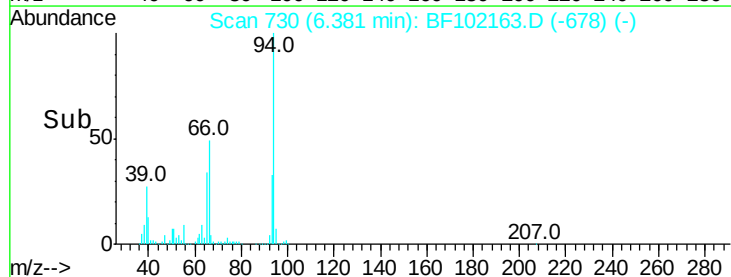
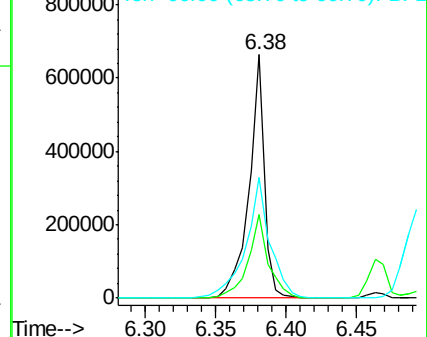
66 49.5 16.2 56.2

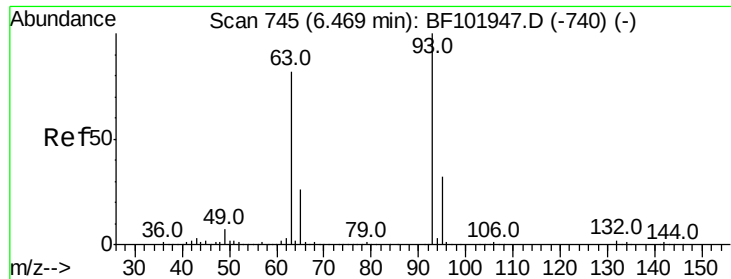


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.058 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

ClientSampleId :

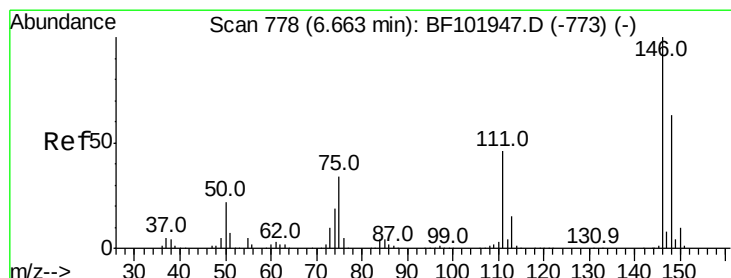
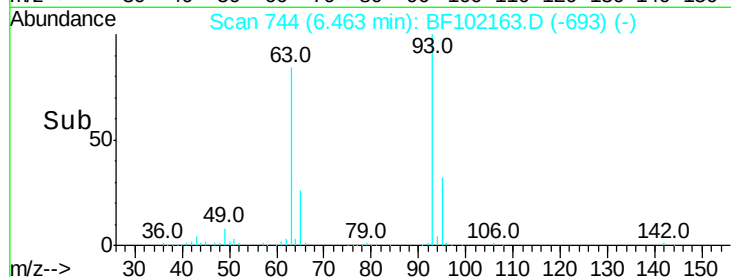
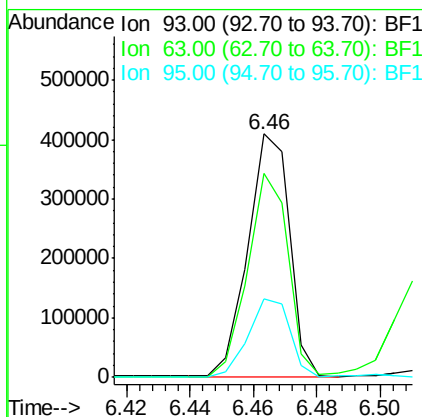
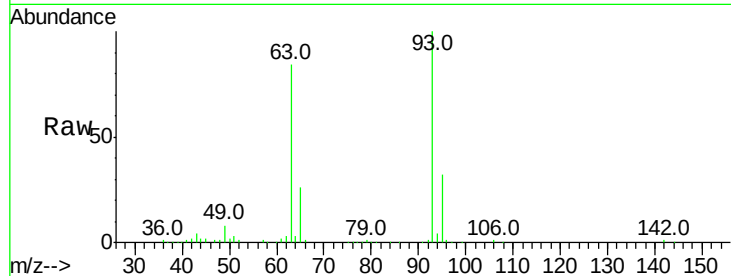
LTP-1MSD

Tot Ion: 93 Resp: 371885

Ion	Ratio	Lower	Upper
93	100		
63	83.9	58.6	98.6
95	32.2	11.8	51.8

Manual Integrations
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Sohil
1/18/2018 11:12:32 AM



#12

1,3-Dichlorobenzene

Concen: 32.973 ng

RT: 6.66 min Scan# 778

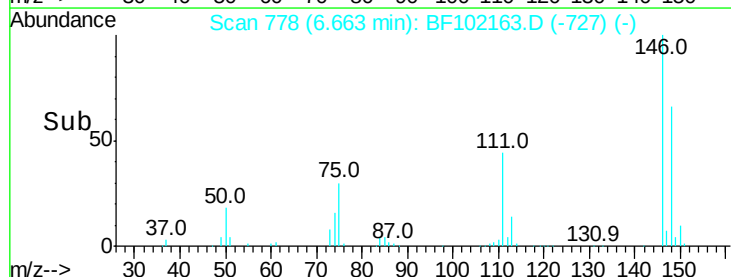
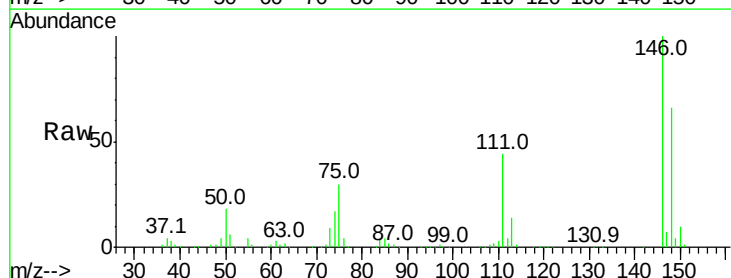
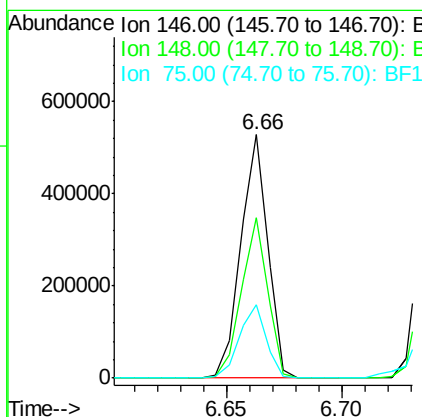
Delta R.T. -0.00 min

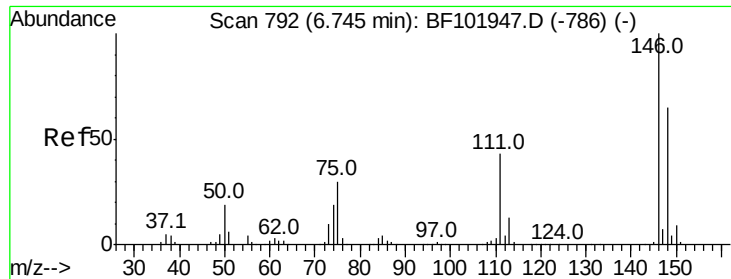
Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion: 146 Resp: 430903

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	30.3	24.2	36.4





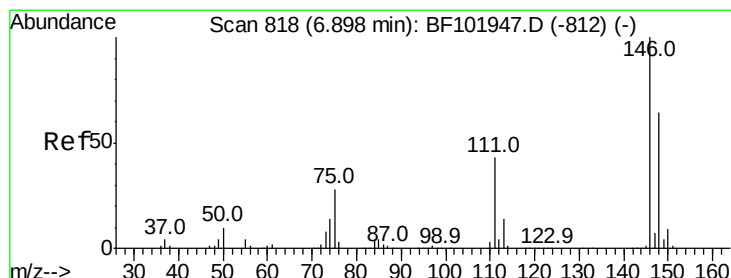
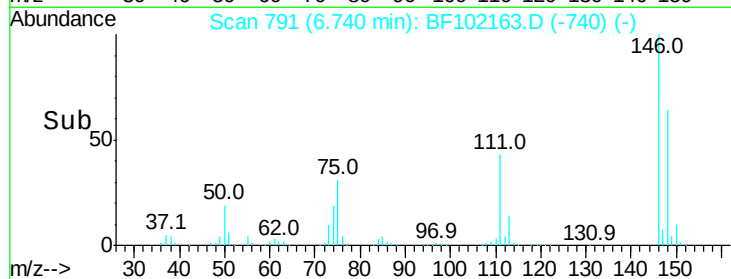
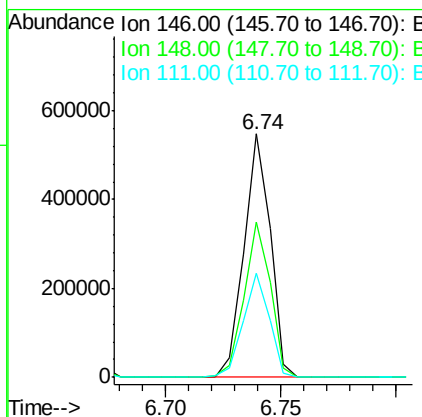
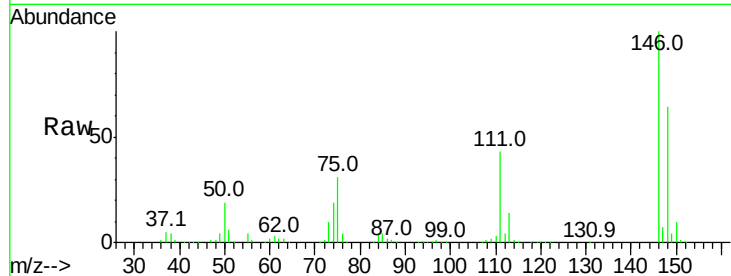
#13
 1,4-Dichlorobenzene
 Concen: 33.418 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	42.9	34.2	51.2

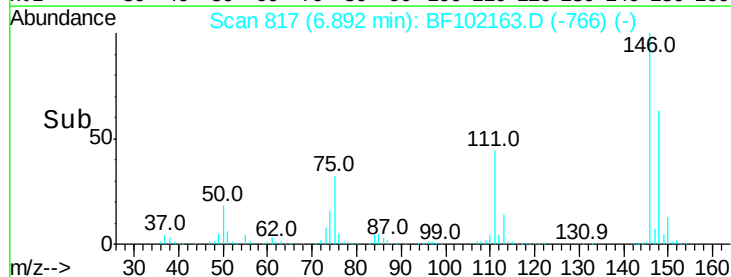
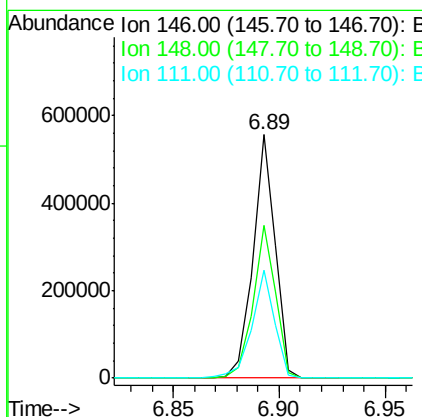
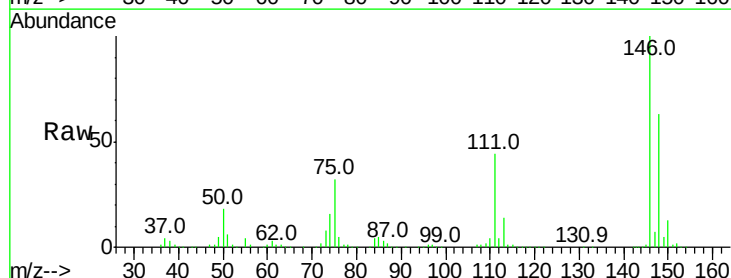
Manual Integrations
 APPROVED

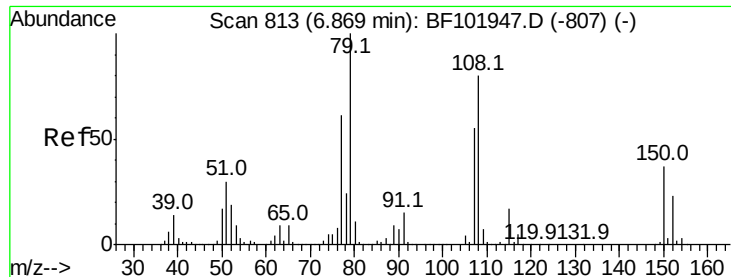
Sohil
 1/18/2018 11:12:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 33.694 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	44.4	36.0	54.0





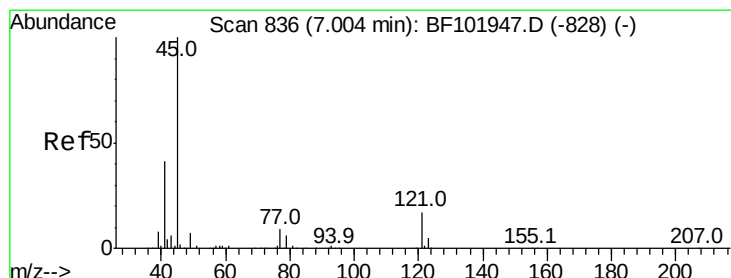
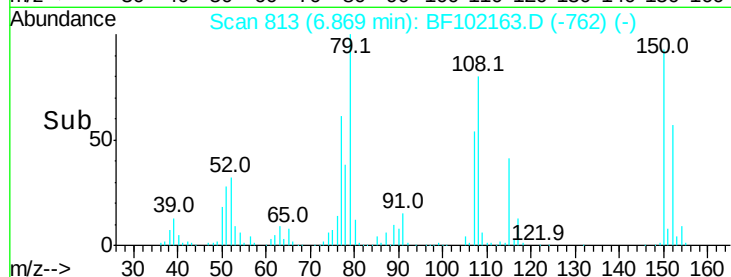
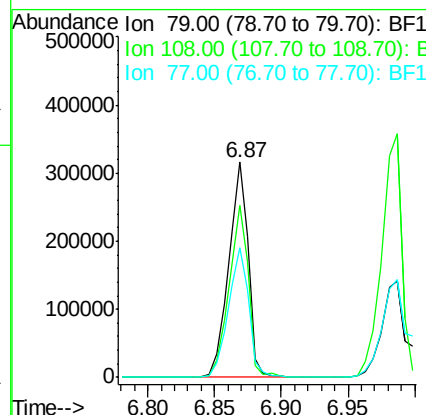
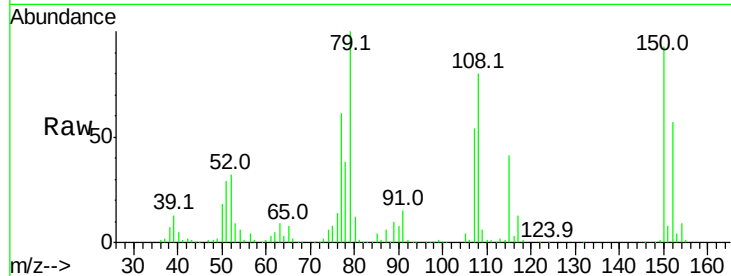
#15
Benzyl Alcohol
Concen: 33.231 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion: 79 Resp: 327816
Ion Ratio Lower Upper
79 100
108 80.2 65.1 97.7
77 60.6 50.6 75.8

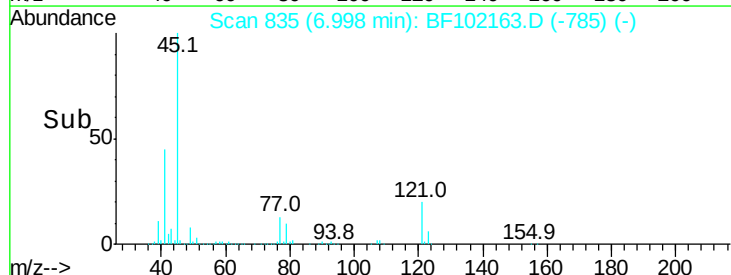
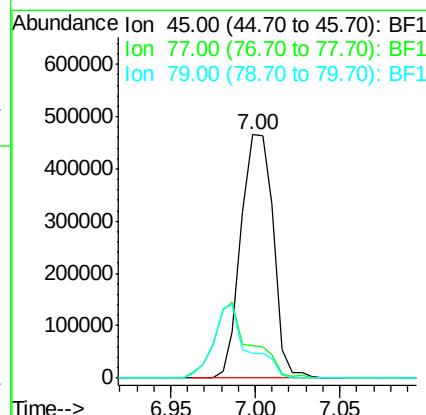
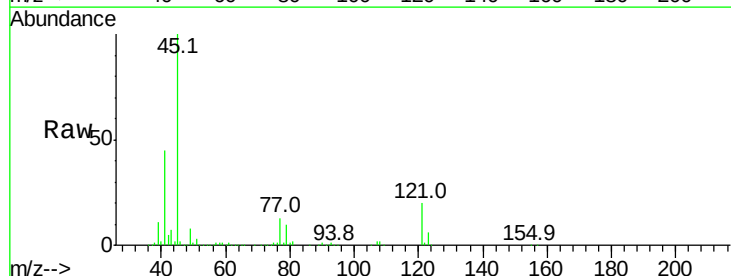
Manual Integrations
APPROVED

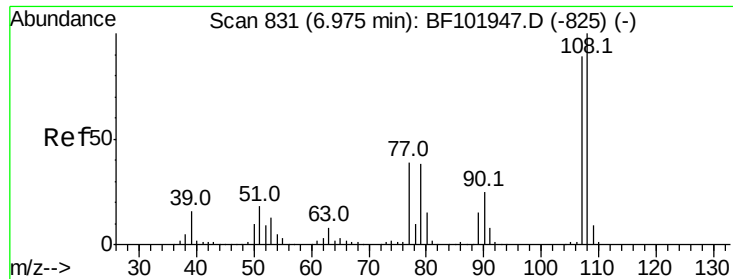
Sohil
1/18/2018 11:12:32 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.068 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion: 45 Resp: 621591
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 9.9 0.0 29.6





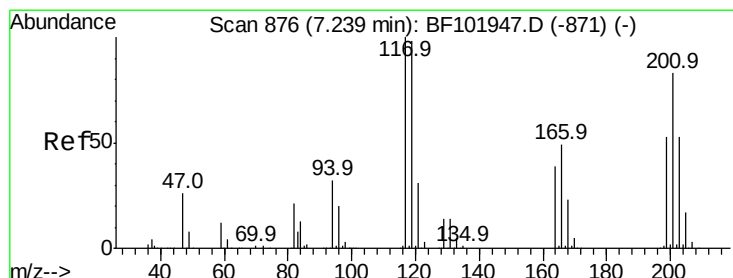
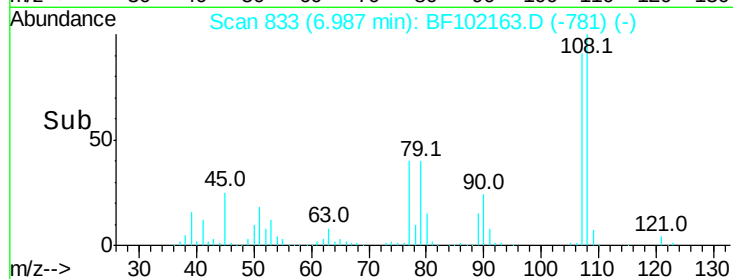
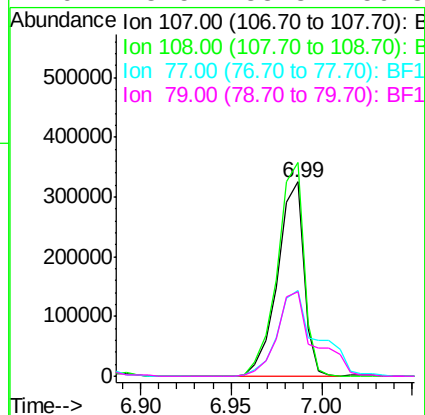
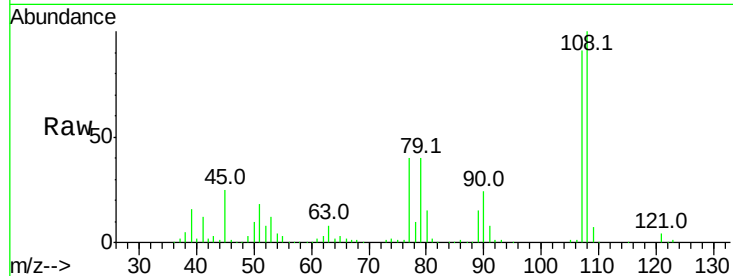
#17
2-Methylphenol
Concen: 32.516 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	107	Resp	332528
Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.7	137.5
77	44.4	33.8	50.8
79	43.5	33.8	50.8

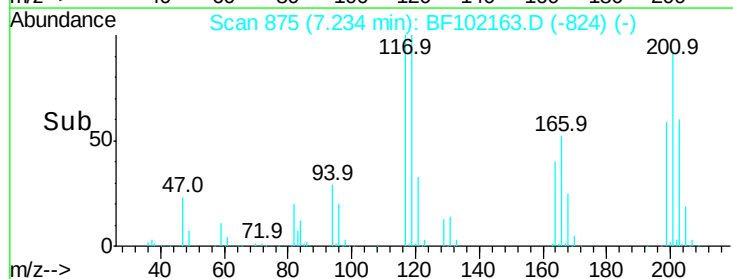
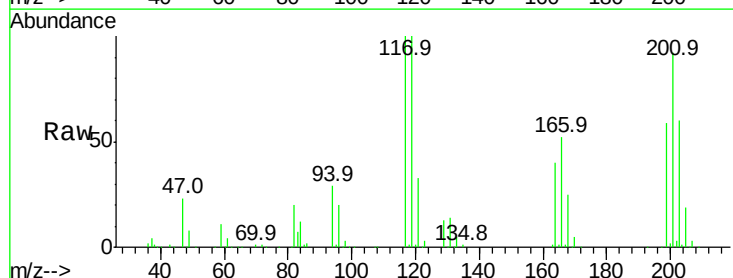
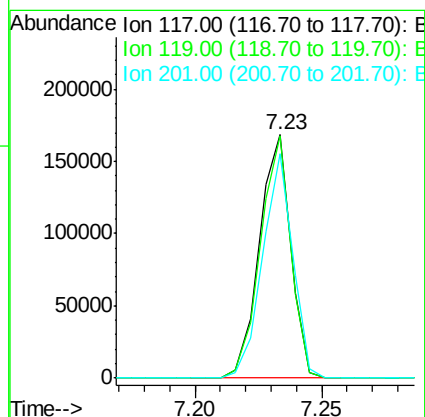
Manual Integrations
APPROVED

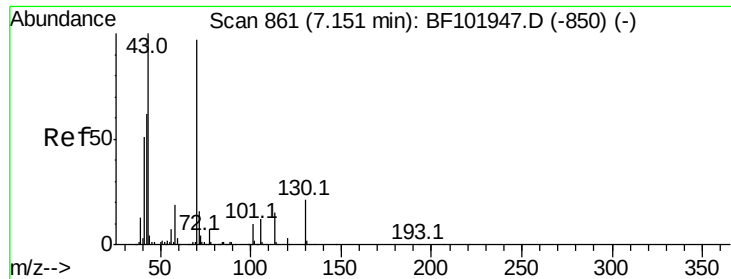
Sohil
1/18/2018 11:12:32 AM



#18
Hexachloroethane
Concen: 31.712 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	117	Resp	145623
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.8	113.8
201	92.2	75.7	113.5





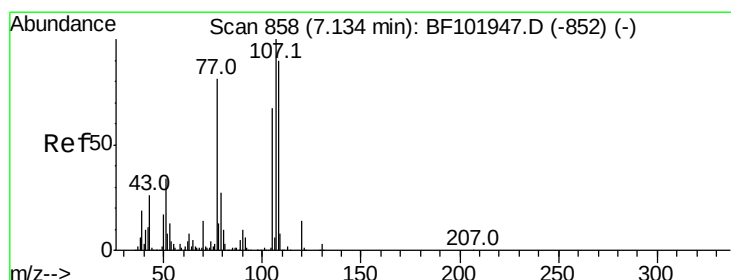
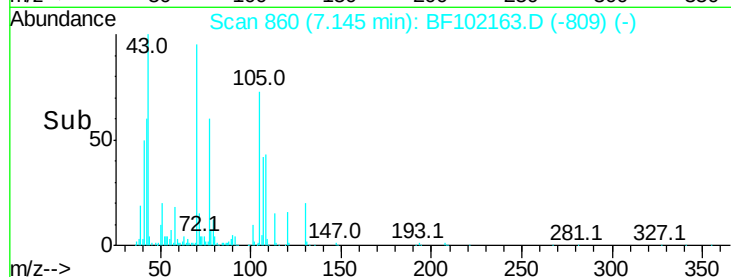
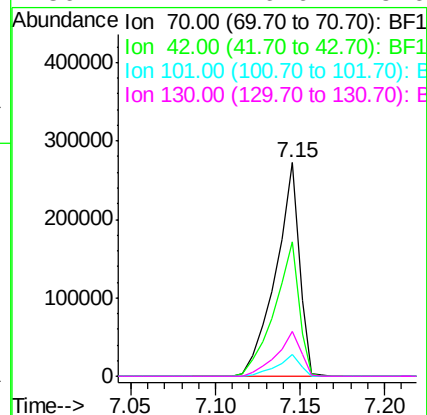
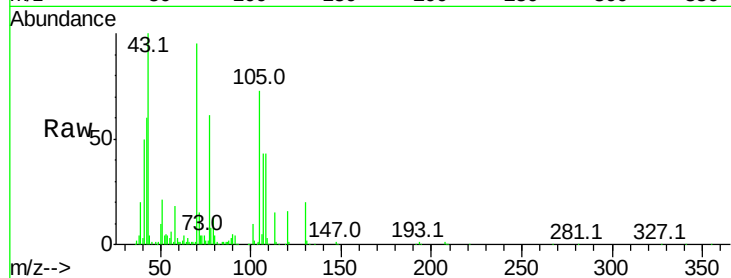
#19
n-Nitroso-di-n-propylamine
Concen: 30.018 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	47.5	71.3
101	10.0	7.4	11.2
130	21.1	16.6	25.0

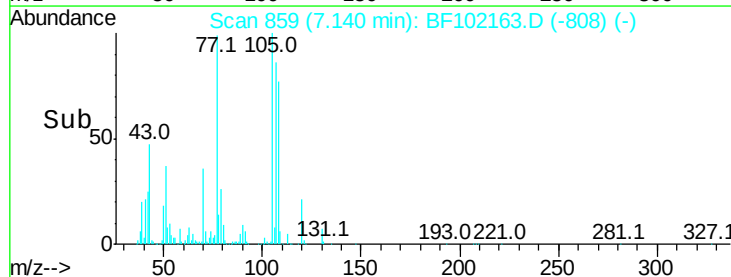
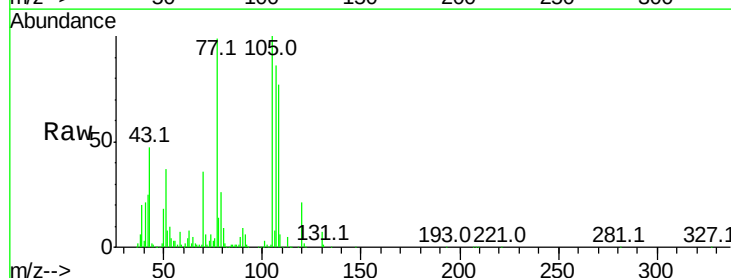
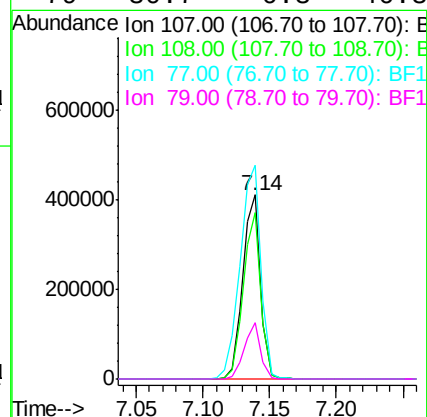
Manual Integrations
APPROVED

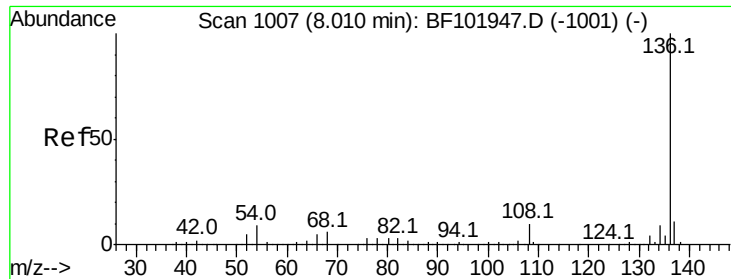
Sohil
1/18/2018 11:12:32 AM



#20
3+4-Methylphenols
Concen: 31.189 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	116.1	26.7	66.7#
79	30.7	6.3	46.3





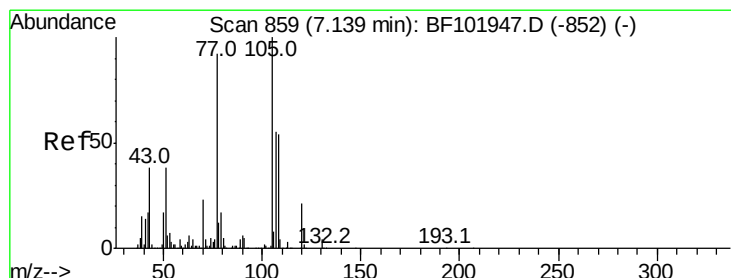
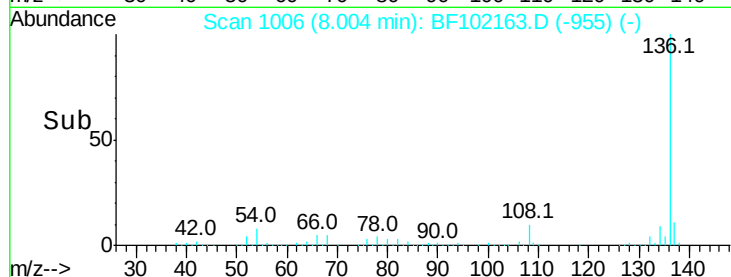
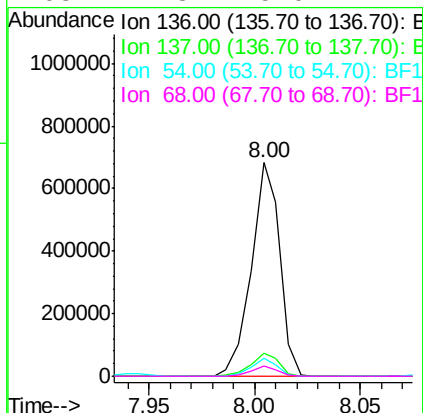
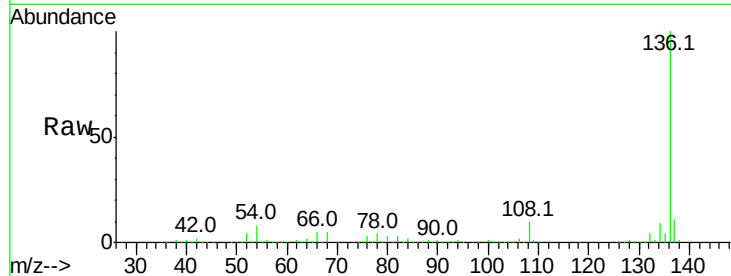
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	4.8	5.0	7.4#

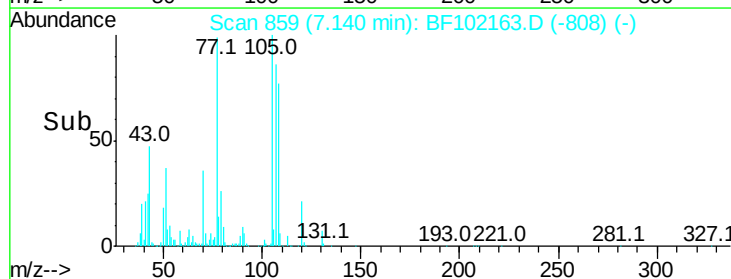
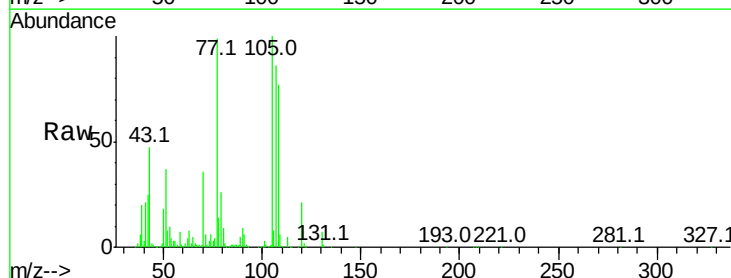
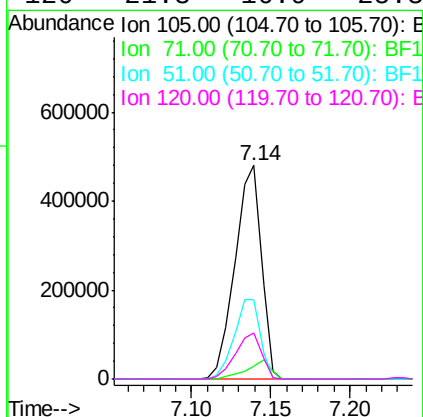
Manual Integrations
APPROVED

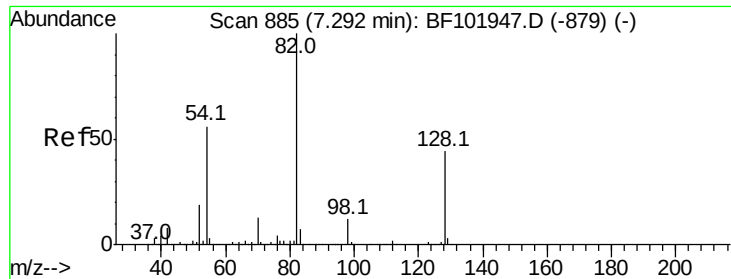
Sohil
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#22
Acetophenone
Concen: 35.889 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.0	4.4	6.6
51	37.4	22.3	33.5#
120	21.3	16.9	25.3





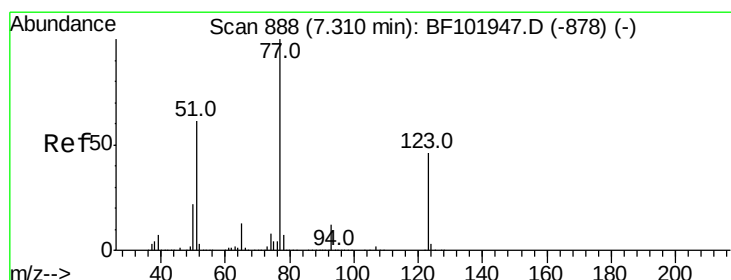
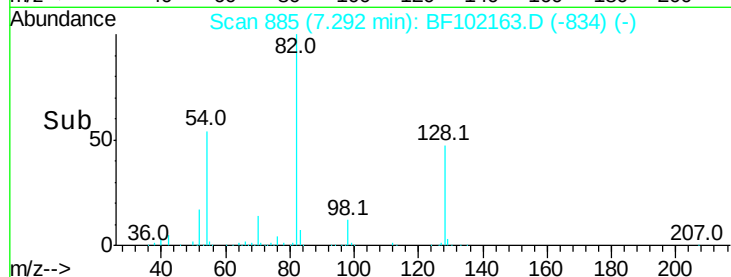
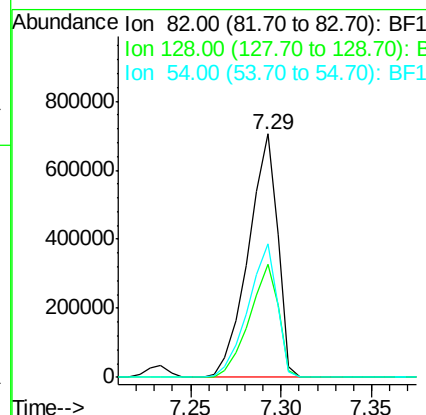
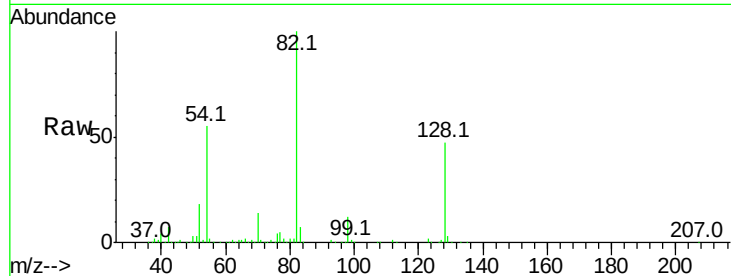
#23
Nitrobenzene-d5
Concen: 72.862 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	791325		
128	46.5	36.1	54.1	
54	54.7	41.4	62.2	

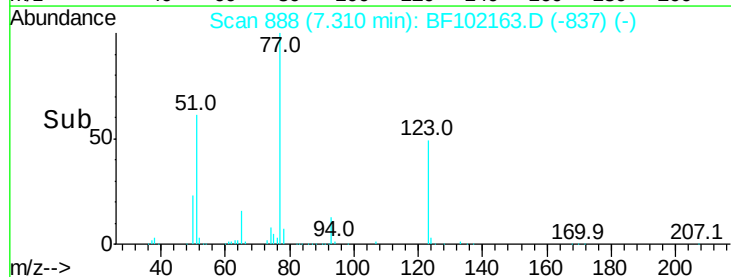
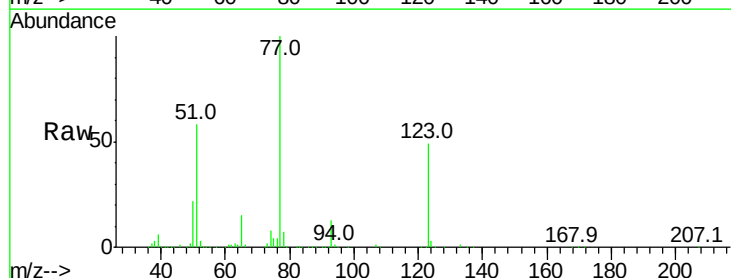
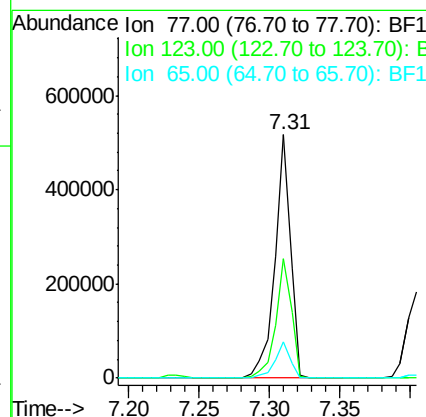
Manual Integrations
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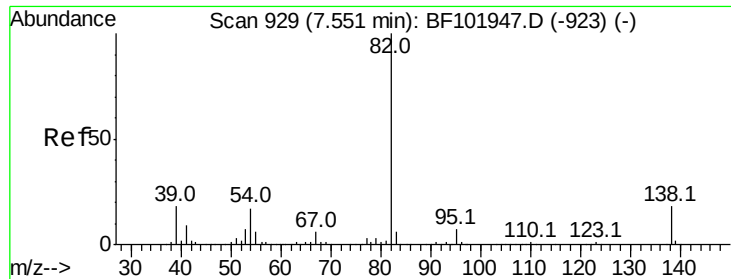
Sohil
1/18/2018 11:12:32 AM



#24
Nitrobenzene
Concen: 34.667 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	404579		
123	49.0	37.9	56.9	
65	14.6	11.0	16.4	





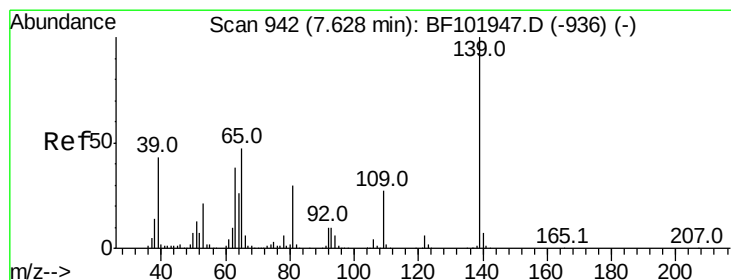
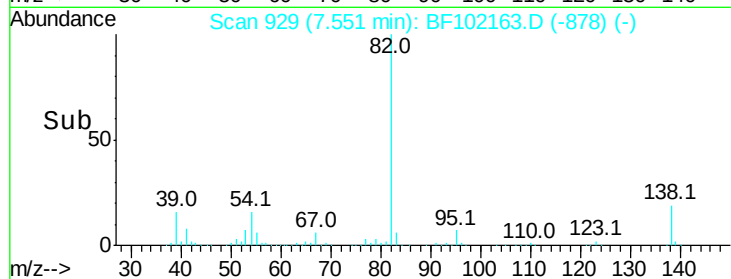
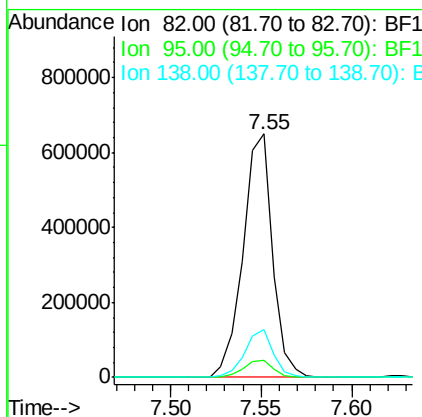
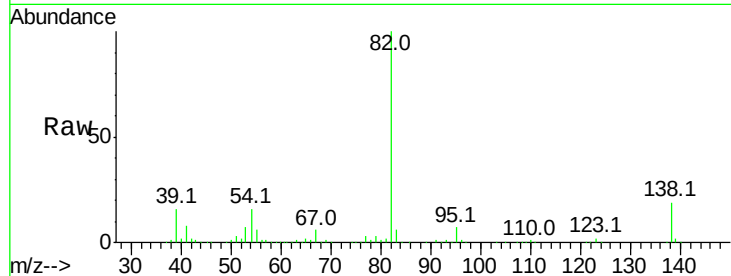
#25
Isophorone
Concen: 34.118 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.2	7.8
138	19.5	14.9	22.3

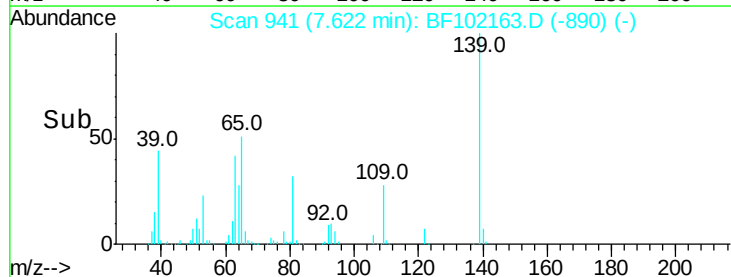
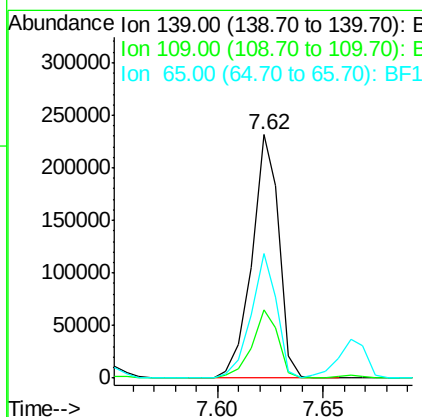
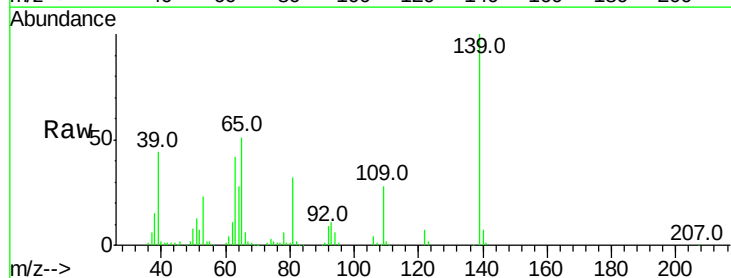
Manual Integrations
APPROVED

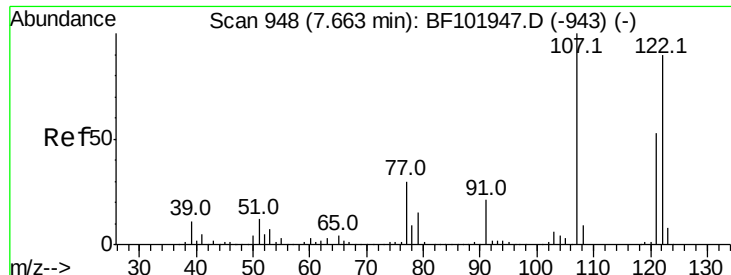
Sohil
1/18/2018 11:12:32 AM



#26
2-Nitrophenol
Concen: 42.005 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.7	34.1
65	51.1	40.5	60.7





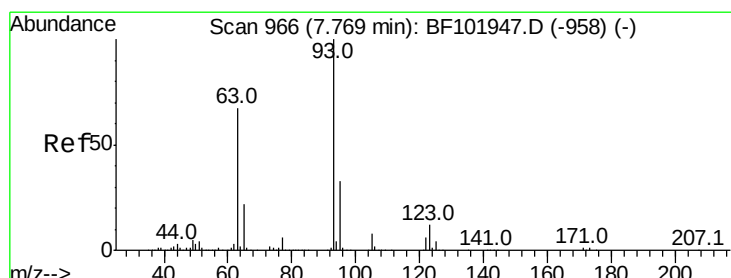
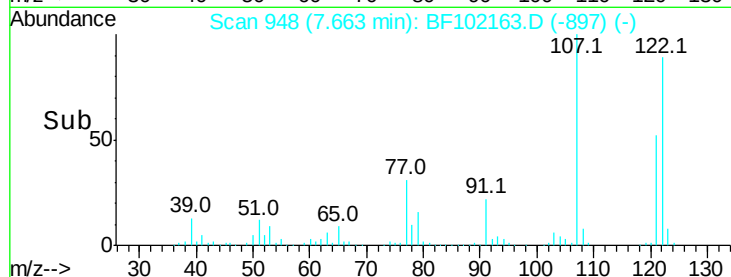
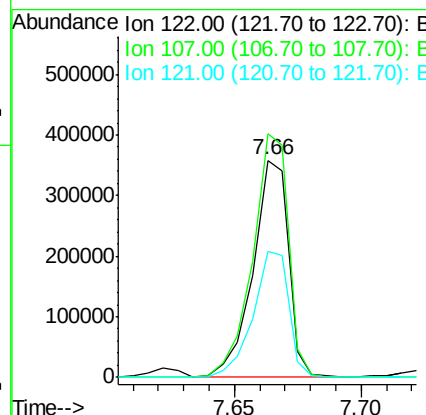
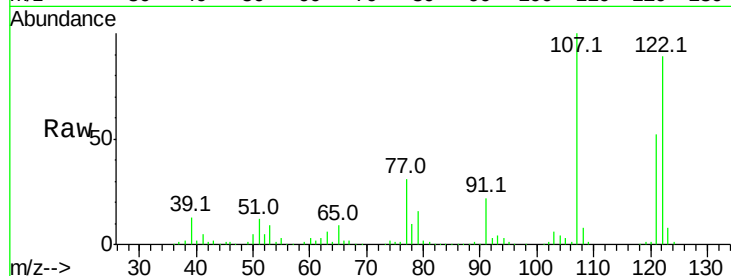
#27
 2,4-Dimethylphenol
 Concen: 38.354 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	349883		
107	112.2	91.2	136.8	
121	58.0	47.2	70.8	

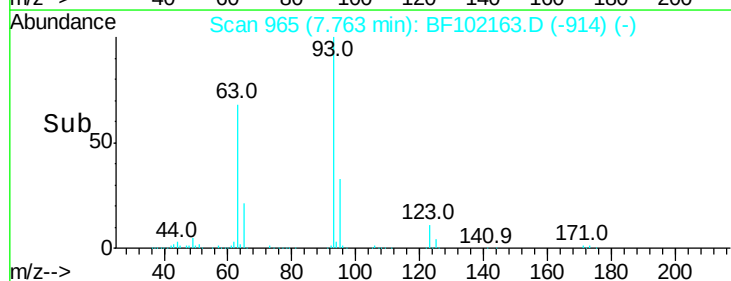
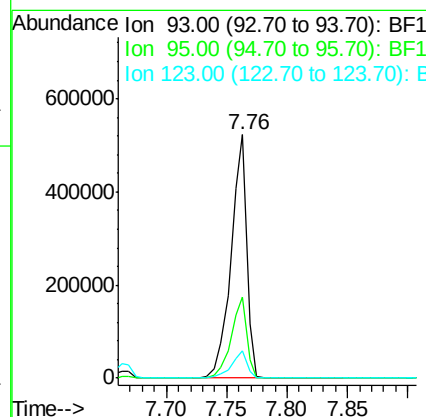
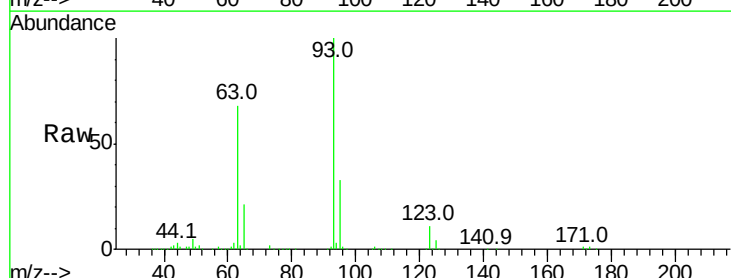
Manual Integrations
 APPROVED

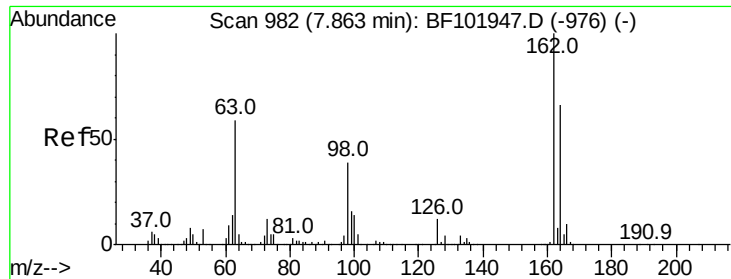
Sohil
 1/18/2018 11:12:32 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.289 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	470203		
95	33.0	26.3	39.5	
123	11.2	9.8	14.6	





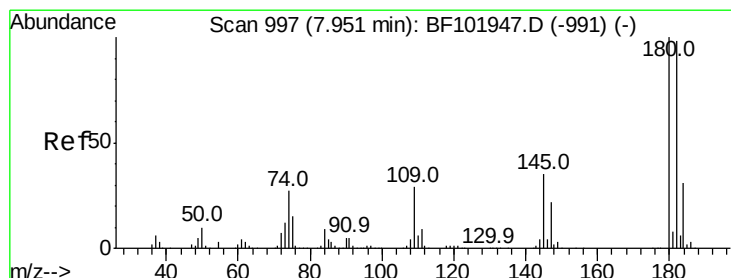
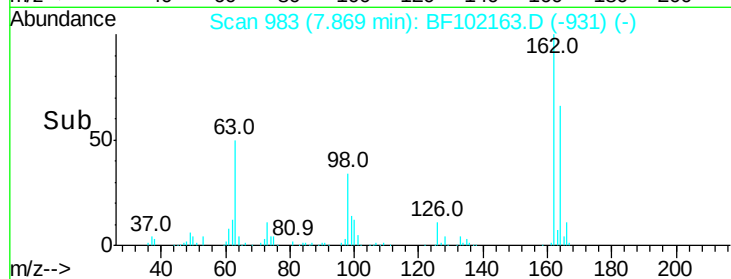
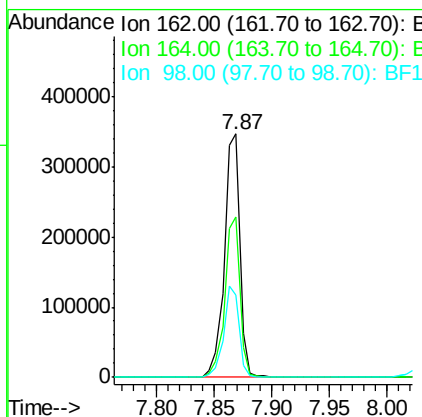
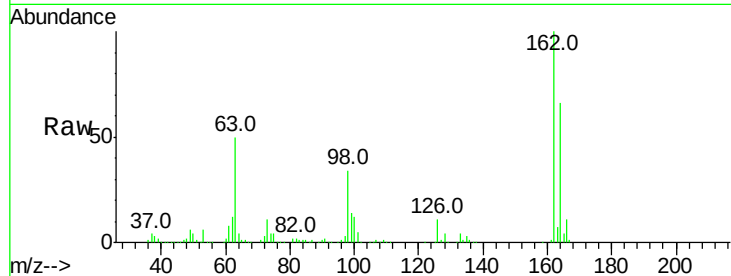
#29
2,4-Dichlorophenol
Concen: 37.534 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	325124		
164	65.7	42.7	82.7	
98	33.8	18.1	58.1	

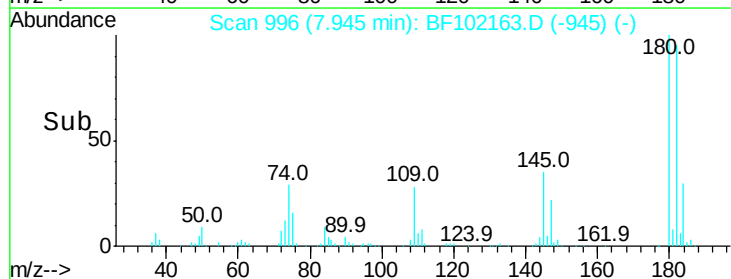
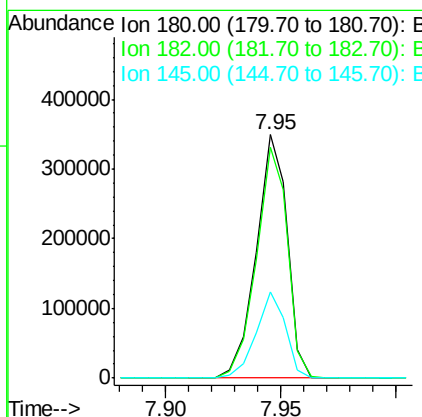
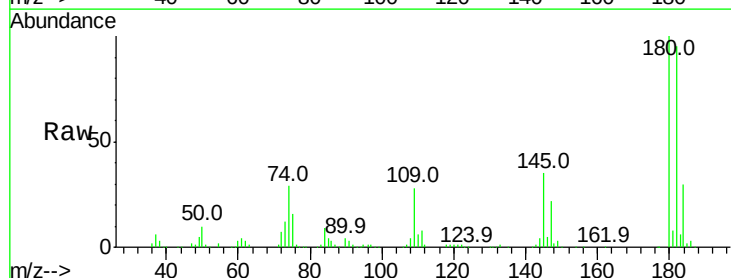
Manual Integrations
APPROVED

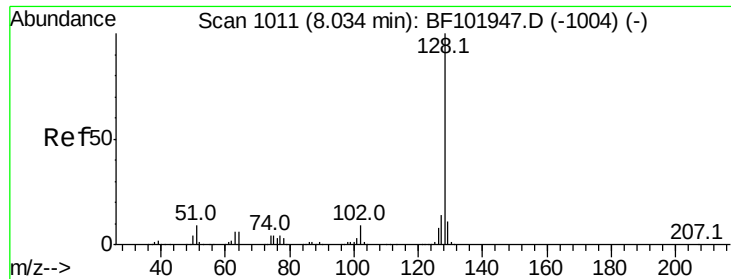
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 36.037 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	326508		
182	94.7	76.8	115.2	
145	35.2	26.5	39.7	





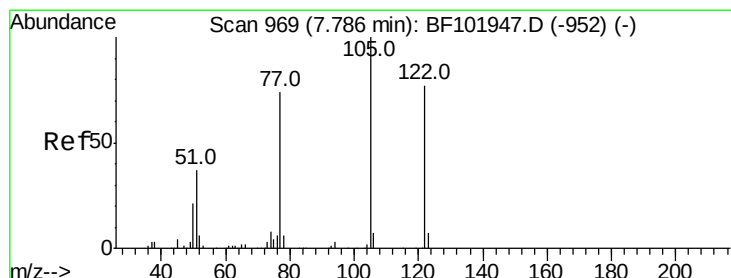
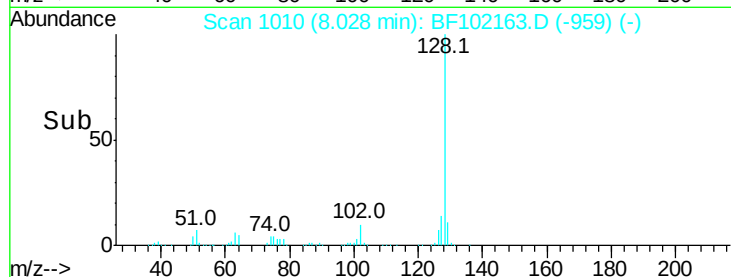
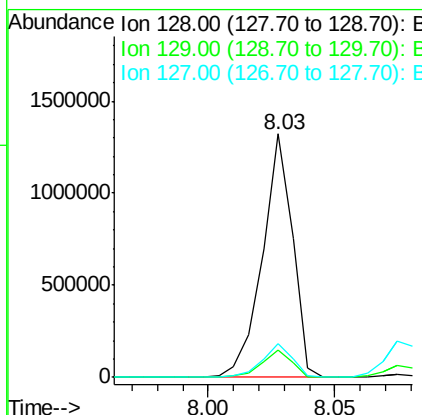
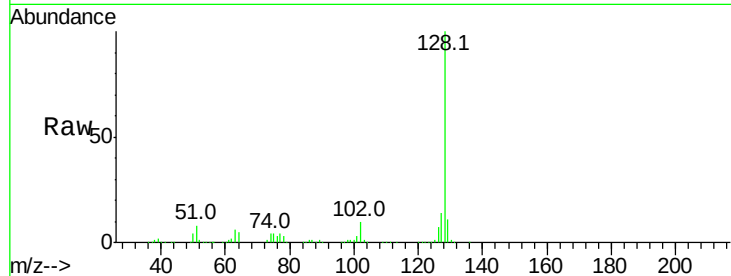
#31
Naphthalene
Concen: 34.486 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

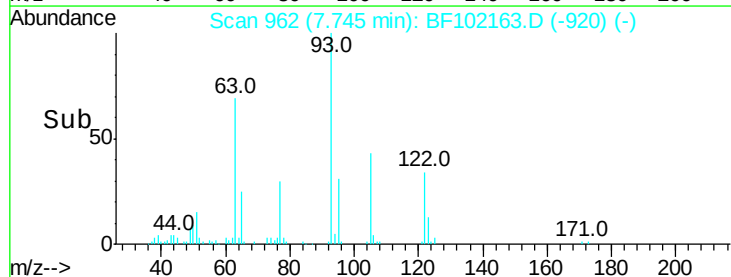
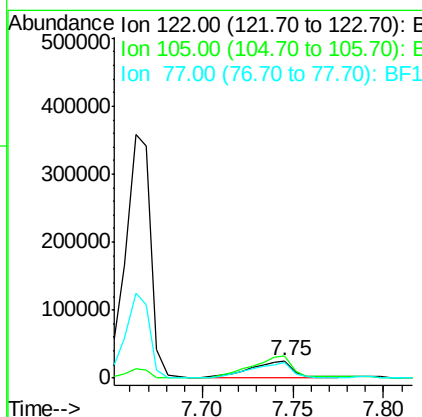
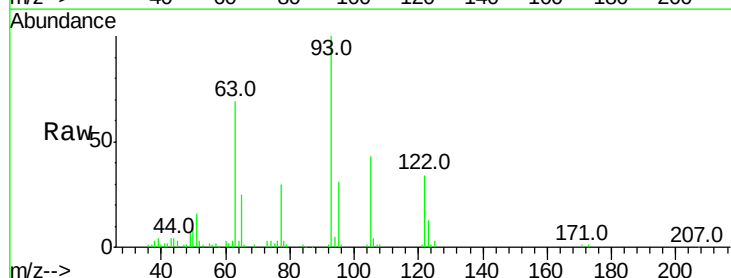
Manual Integrations
APPROVED

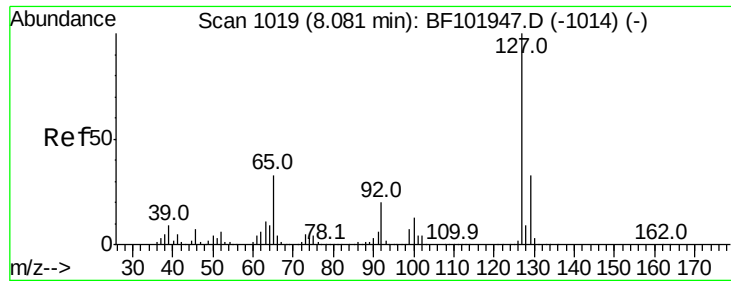
Sohil
1/18/2018 11:12:32 AM



#32
Benzoic acid
Concen: 5.653 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	101.1	141.1
77	89.8	70.7	110.7





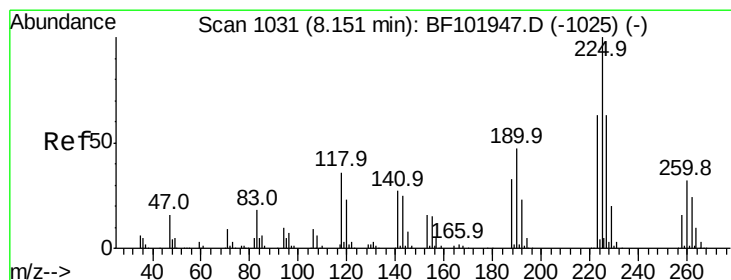
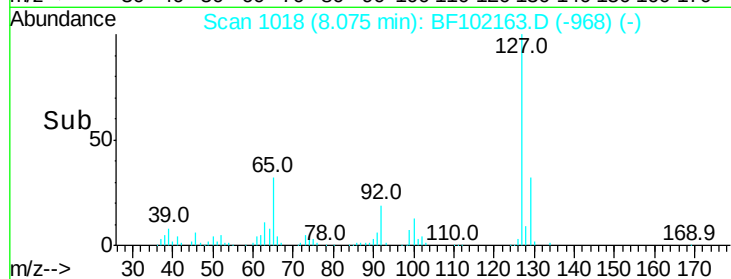
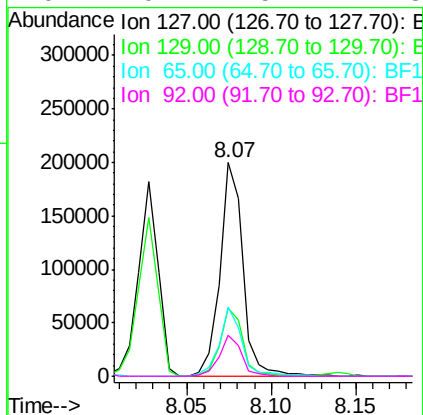
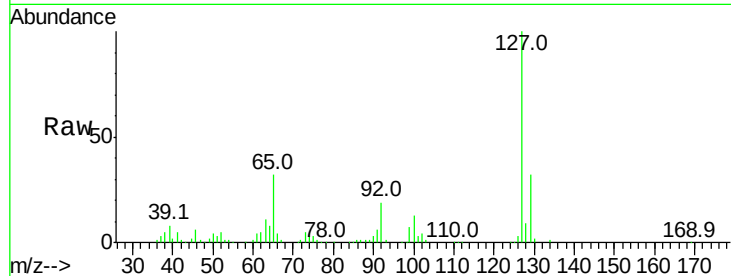
#33
4-Chloroaniline
Concen: 13.890 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	32.4	25.0	37.4		
92	19.4	15.2	22.8		

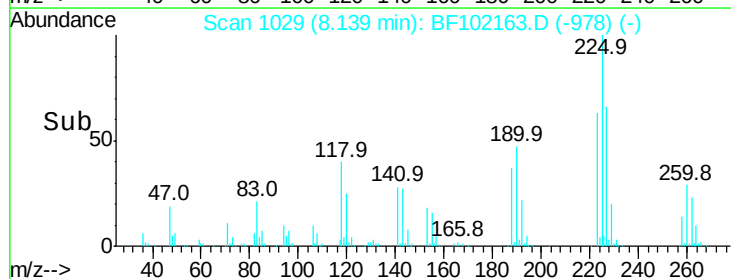
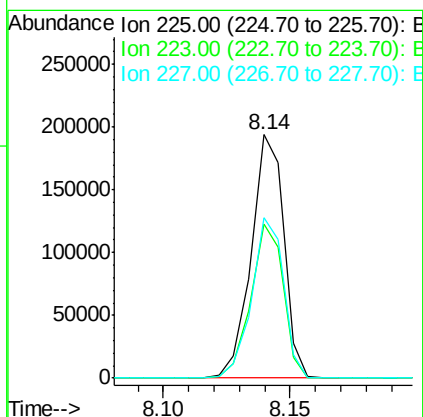
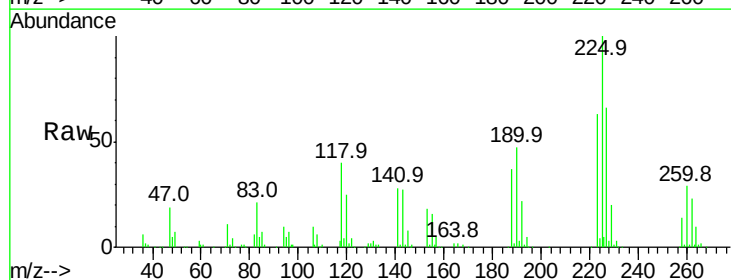
Manual Integrations
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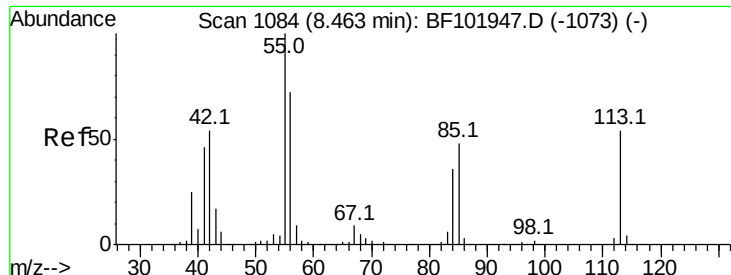
Sohil
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#34
Hexachlorobutadiene
Concen: 36.256 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.6	76.0		
227	65.7	51.9	77.9		





#35

Caprolactam

Concen: 34.221 ng/mL

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

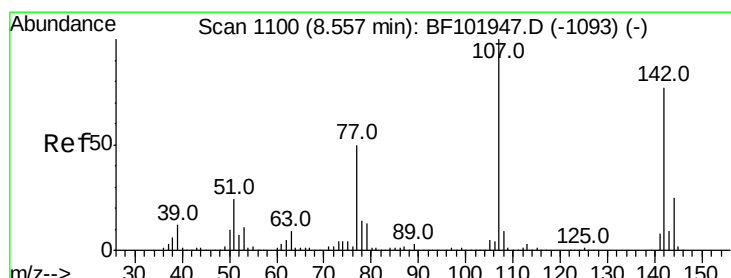
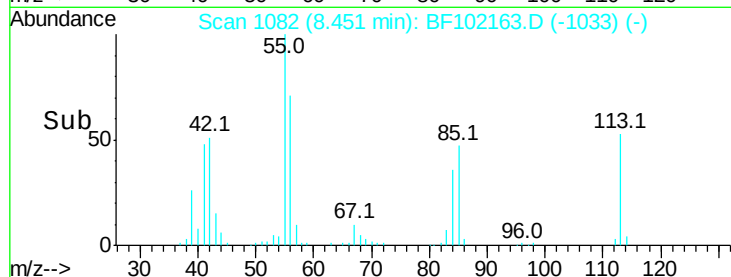
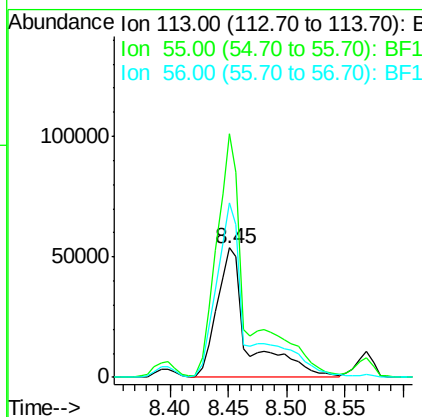
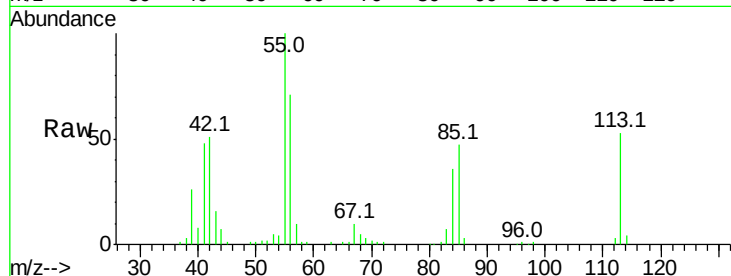
ClientSampleId :

LTP-1MSD

Tot Ion:	113	Resp:	101761
Ion Ratio	Lower	Upper	
113	100		
55	187.9	163.3	203.3
56	134.2	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 36.023 ng/mL

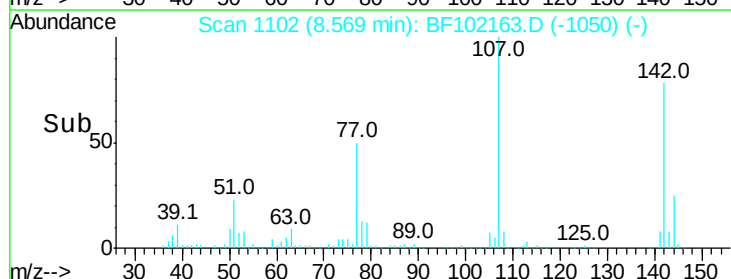
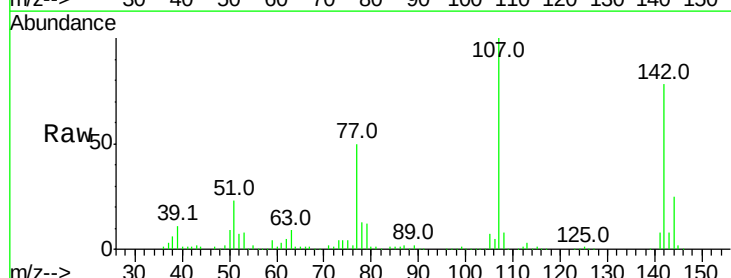
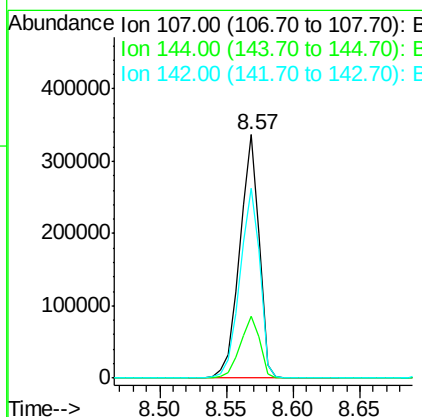
RT: 8.57 min Scan# 1102

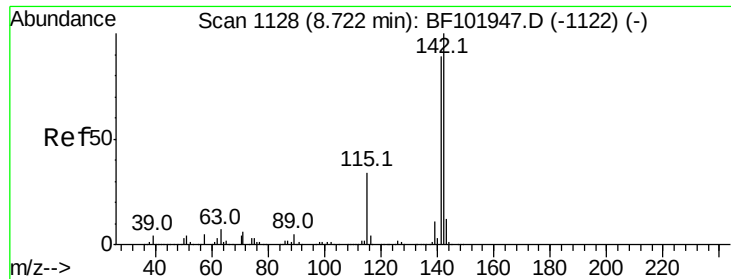
Delta R.T. 0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion:	107	Resp:	341559
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.5	30.7
142	77.8	62.0	93.0





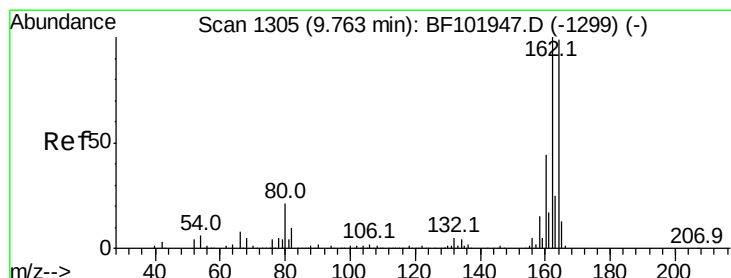
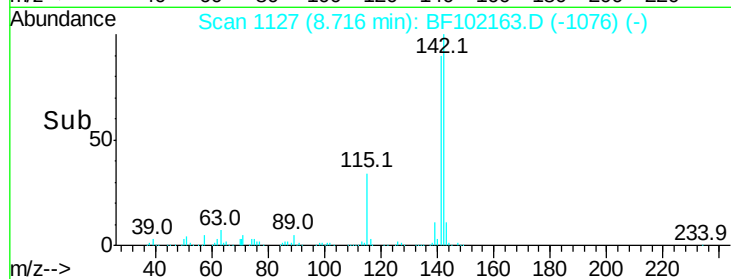
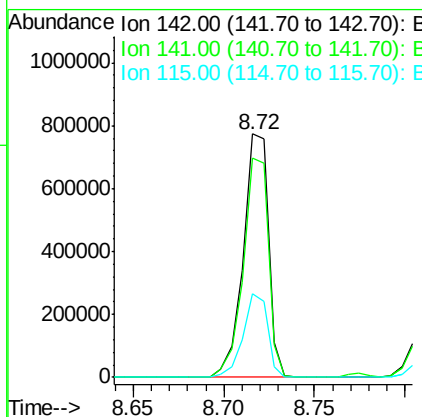
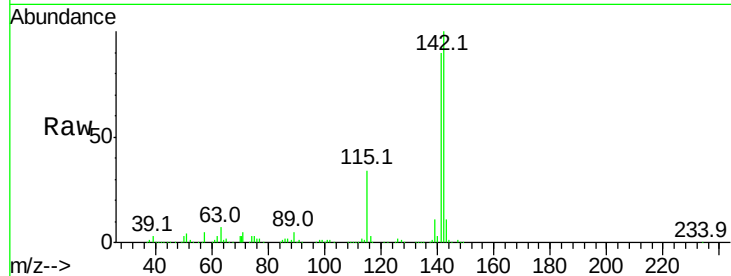
#37
2-Methylnaphthalene
Concen: 35.581 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	34.3	26.1	39.1

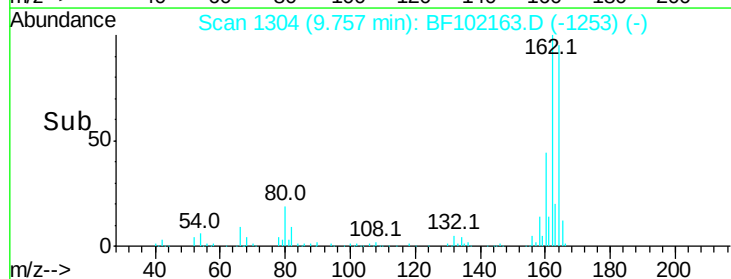
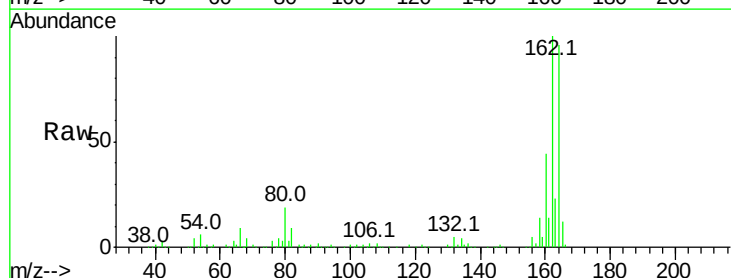
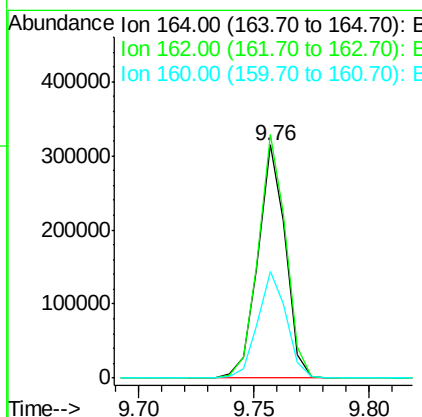
Manual Integrations
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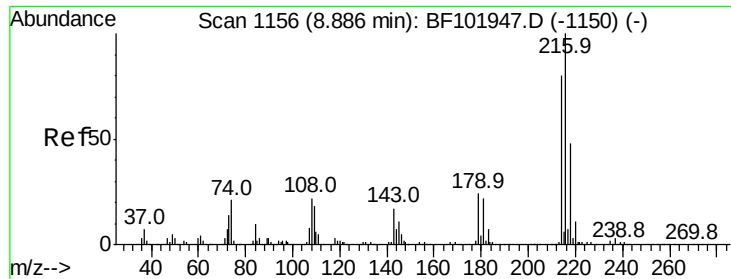
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.8	38.3	57.5





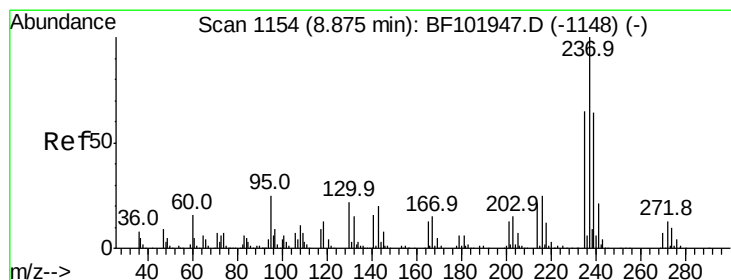
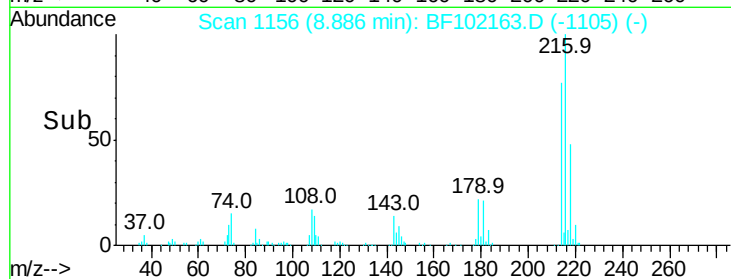
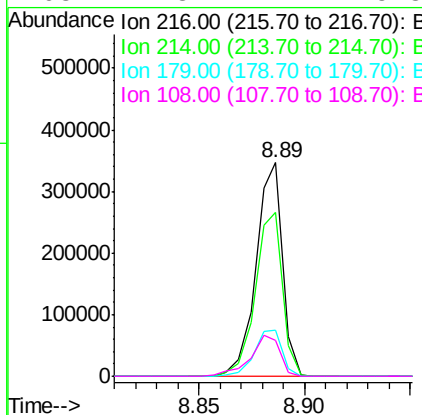
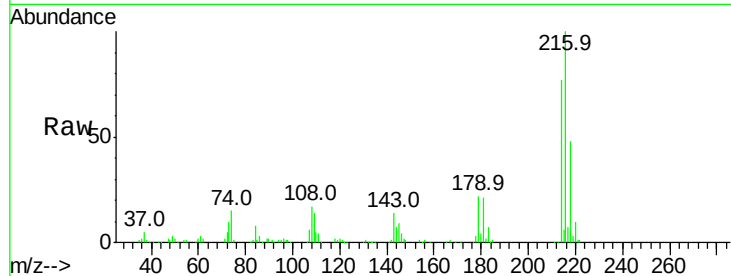
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.913 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	303223		
214	78.8	63.0	94.4	
179	22.9	18.1	27.1	
108	21.3	17.2	25.8	

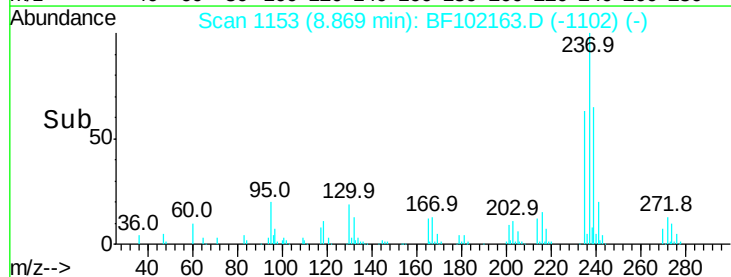
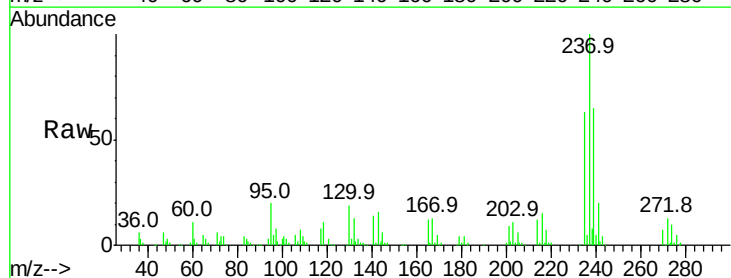
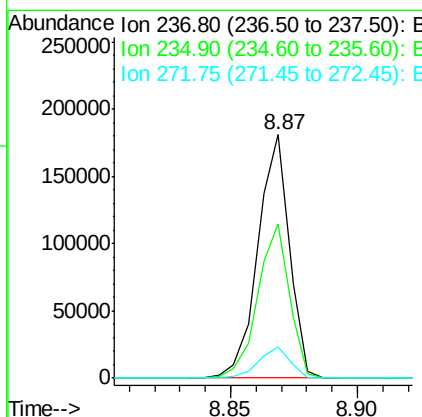
Manual Integrations
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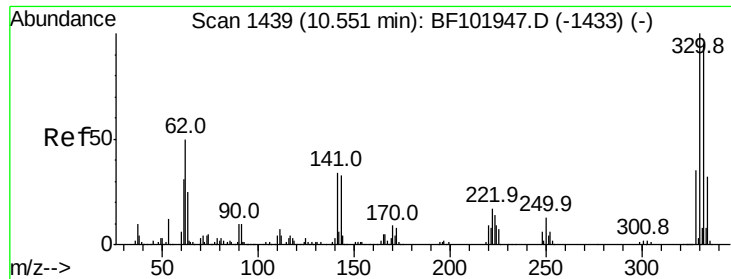
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 38.835 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	157406		
235	63.1	44.8	84.8	
272	12.7	0.0	33.3	





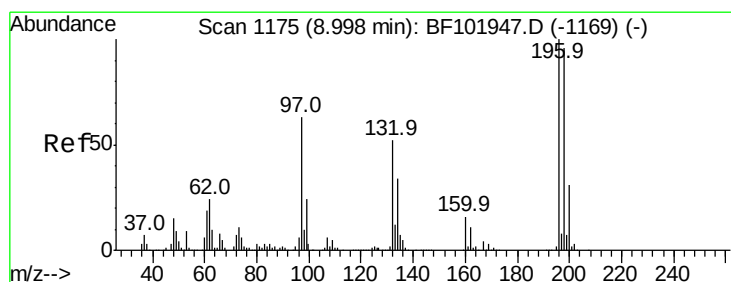
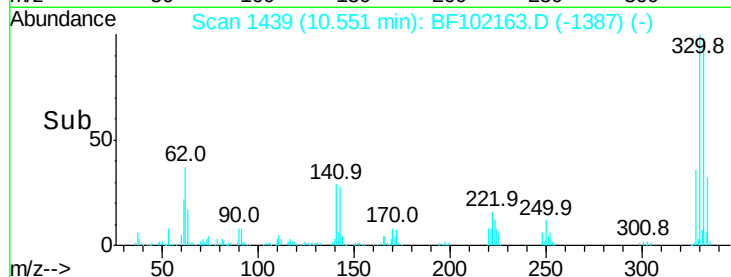
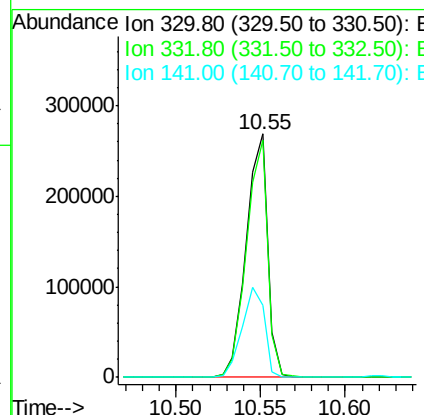
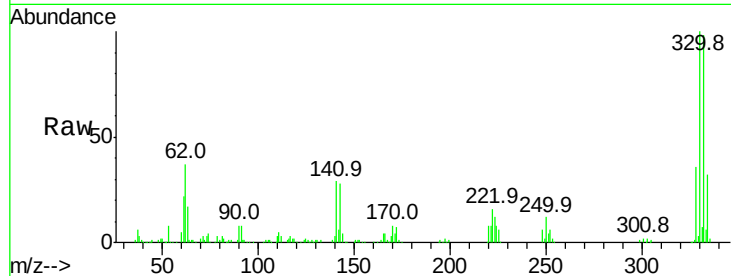
#41
 2,4,6-Tribromophenol
 Concen: 104.833 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239666		
332	96.2	77.0	115.6	
141	38.6	29.9	44.9	

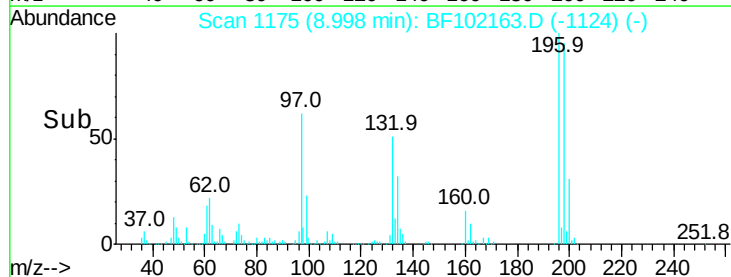
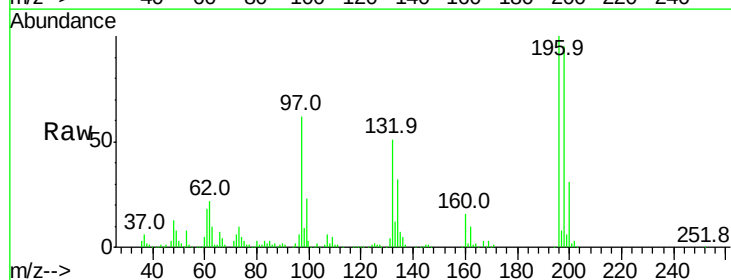
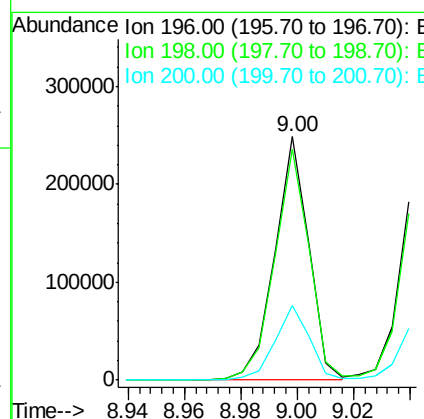
Manual Integrations
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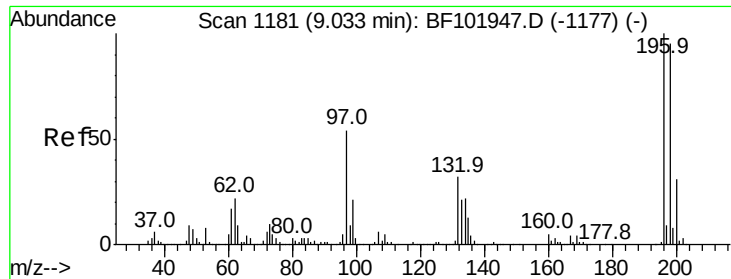
Sohil
 1/18/2018 11:12:32 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.724 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207987		
198	94.8	75.7	113.5	
200	30.8	24.5	36.7	





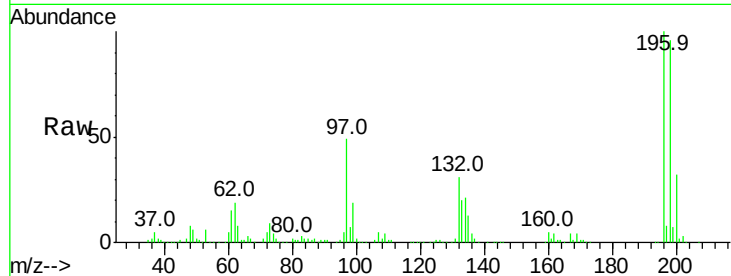
#43
2,4,5-Trichlorophenol
Concen: 37.349 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215591		
198	95.9	74.6	112.0	
97	49.5	42.9	64.3	
132	31.5	26.3	39.5	

Manual Integrations
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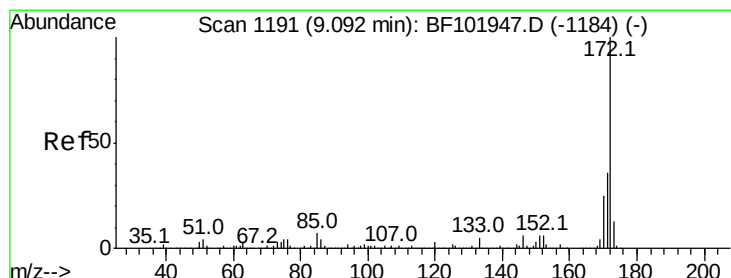
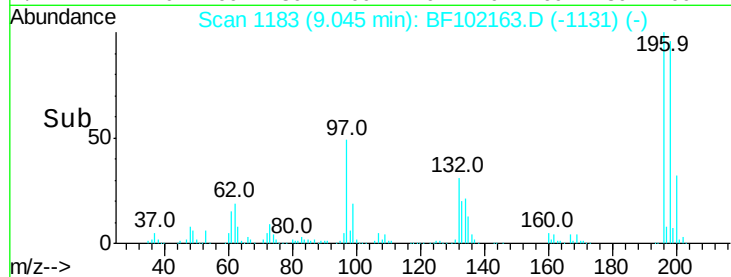
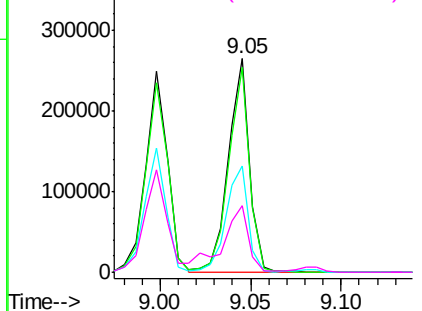
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 79.849 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

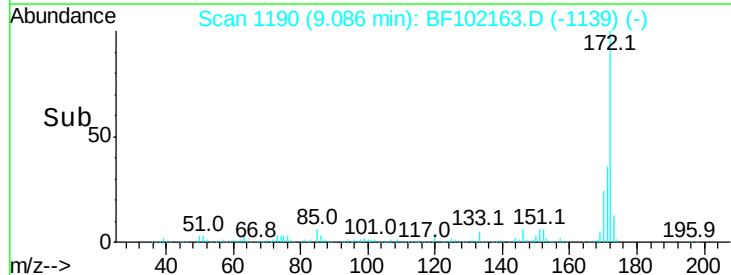
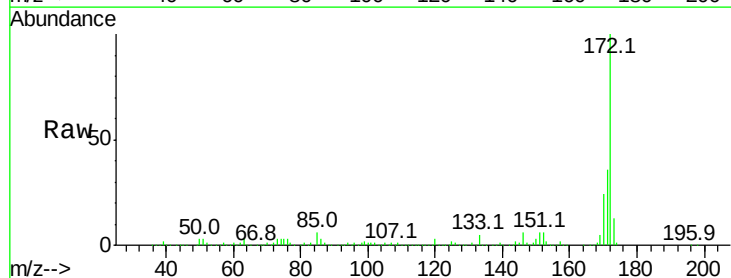
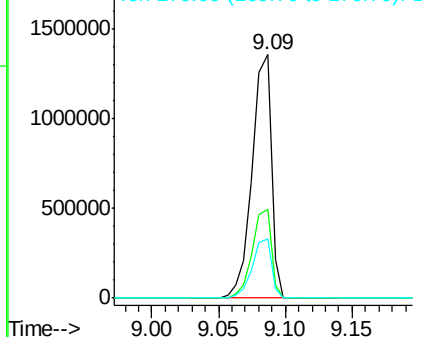
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1338947		
171	36.4	29.7	44.5	
170	24.2	19.6	29.4	

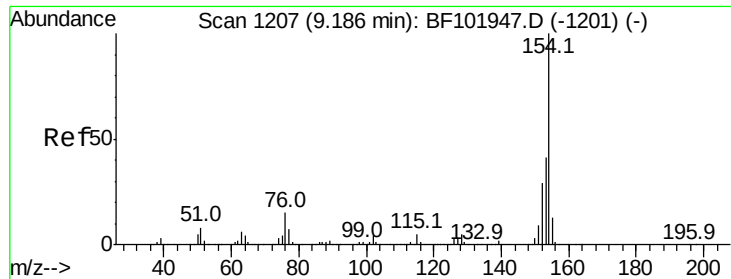
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





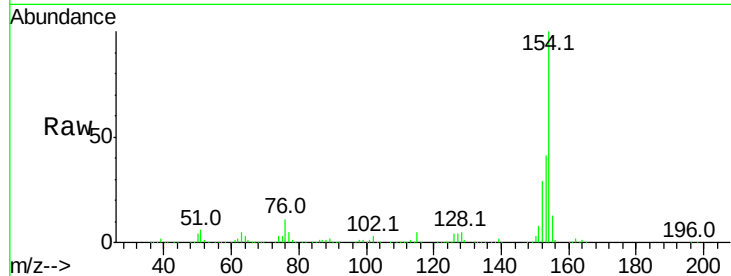
#45
 1,1'-Biphenyl
 Concen: 37.452 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 LTP-1MSD

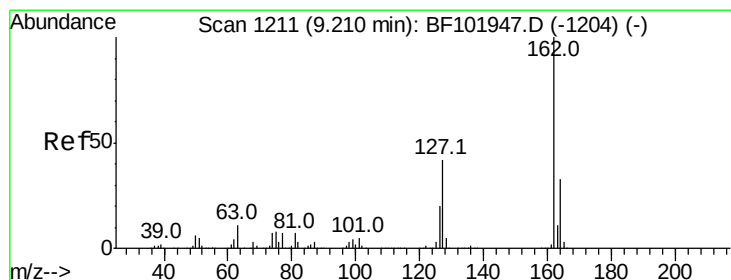
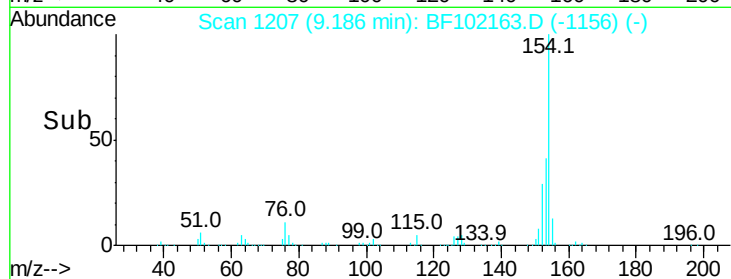
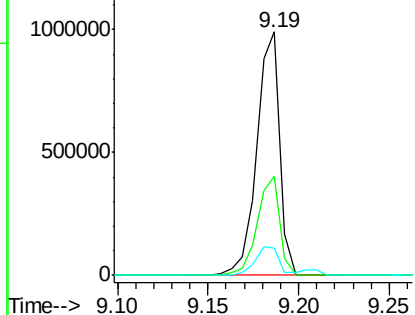
Tot Ion	Ratio	Resp	Lower	Upper
154	100	867222		
153	40.8	21.3	61.3	
76	11.1	0.0	34.0	

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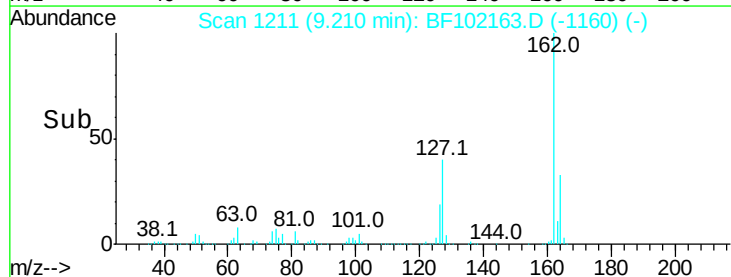
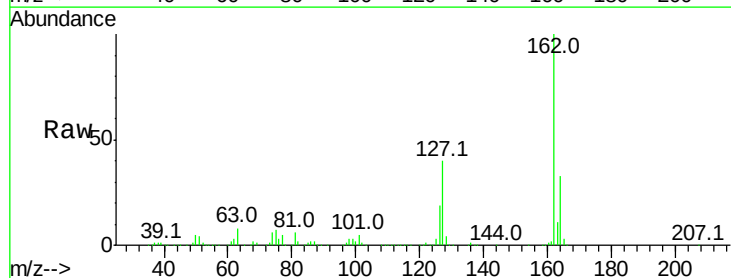
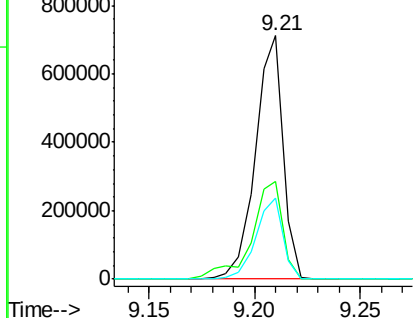
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

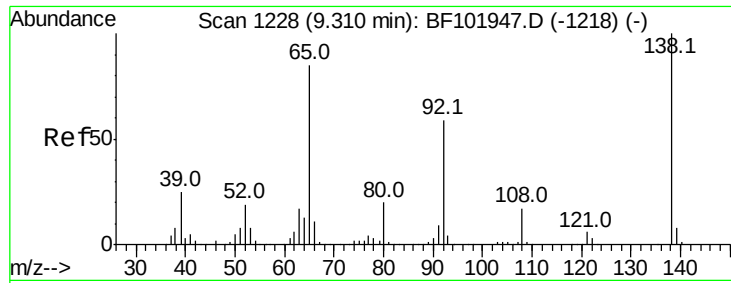


#46
 2-Chloronaphthalene
 Concen: 36.111 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	648406		
127	40.0	33.9	50.9	
164	33.1	26.5	39.7	

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





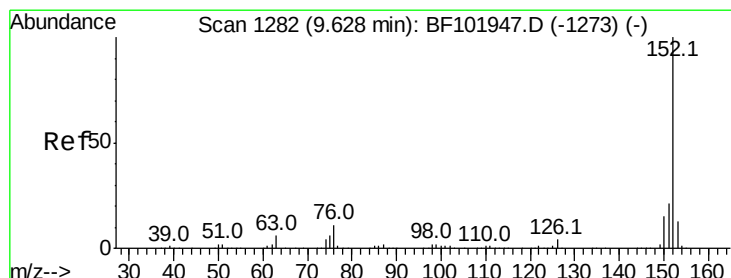
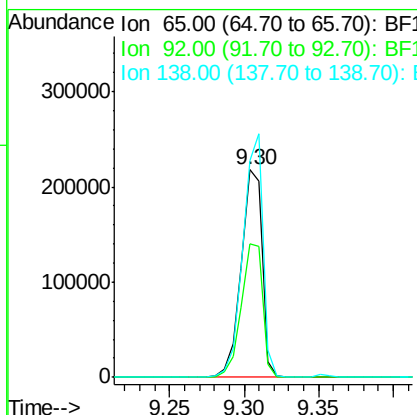
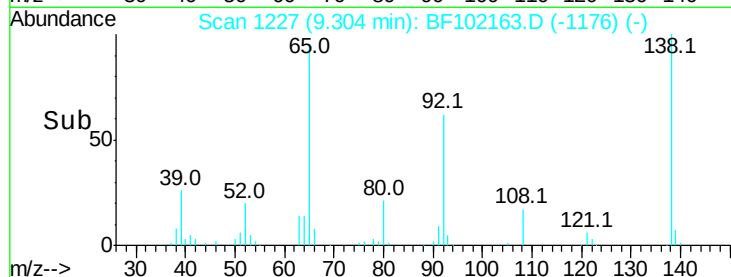
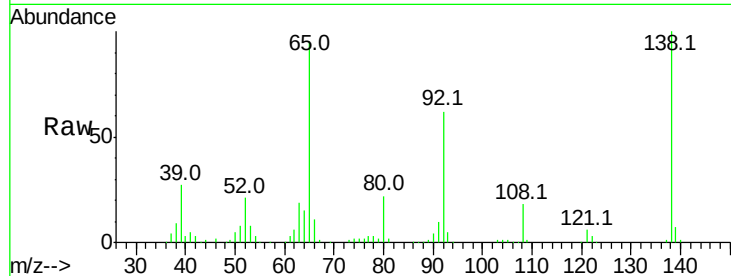
#47
 2-Nitroaniline
 Concen: 39.831 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion:	65	Resp:	214236
Ion Ratio	Lower	Upper	
65	100		
92	64.5	55.8	83.6
138	104.8	91.2	136.8

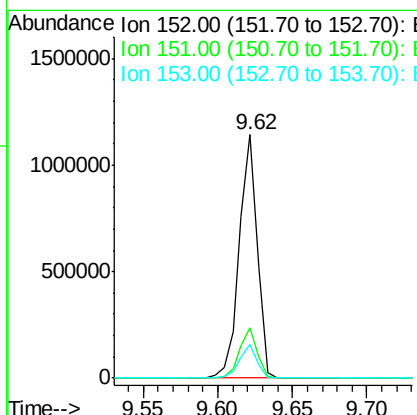
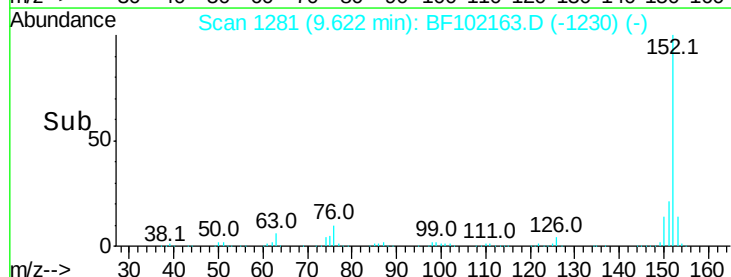
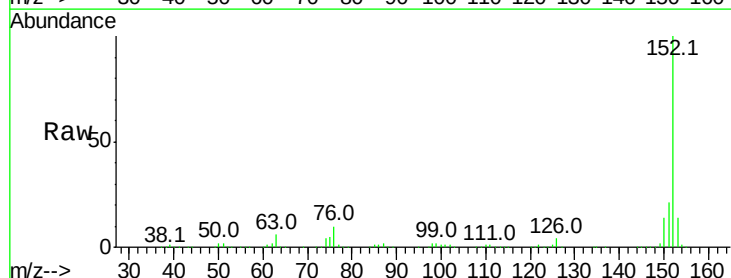
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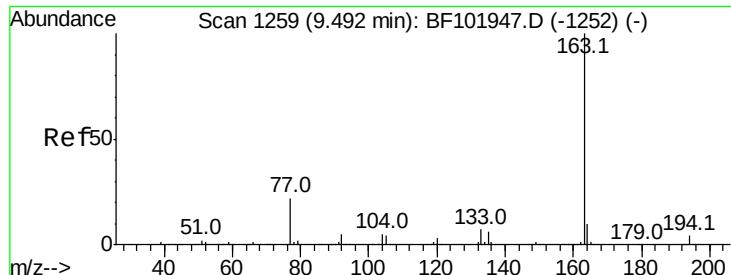
Sohil
 1/18/2018 11:12:32 AM



#48
 Acenaphthylene
 Concen: 33.940 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion:	152	Resp:	967156
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.7	10.7	16.1





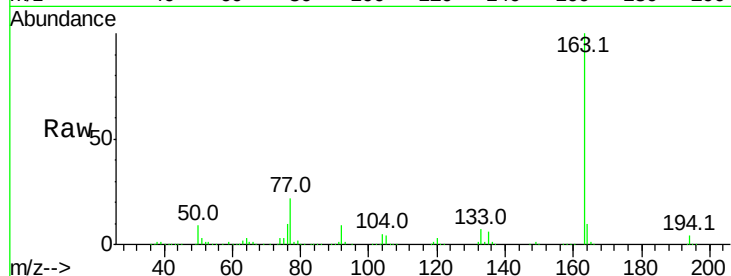
#49
Dimethylphthalate
Concen: 45.001 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

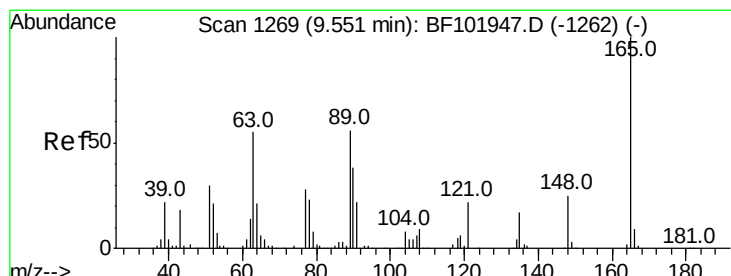
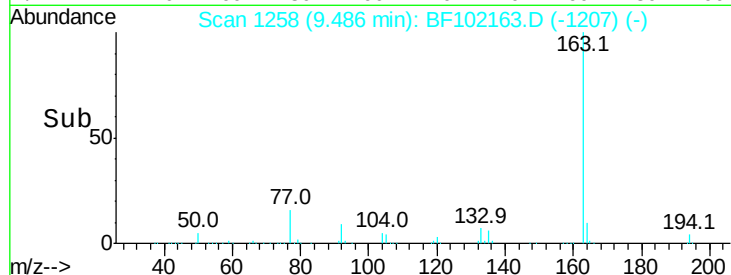
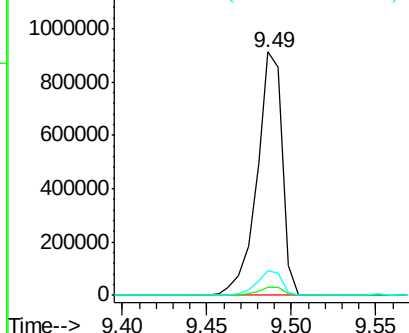
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.4	8.2	12.2	

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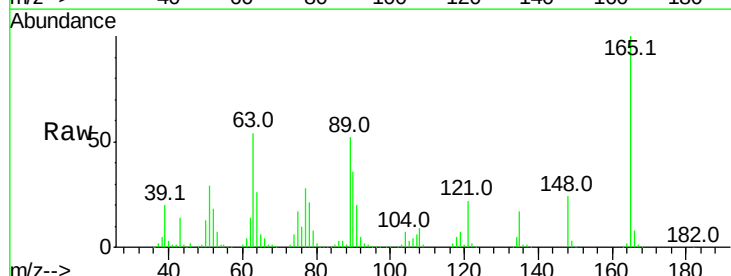


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

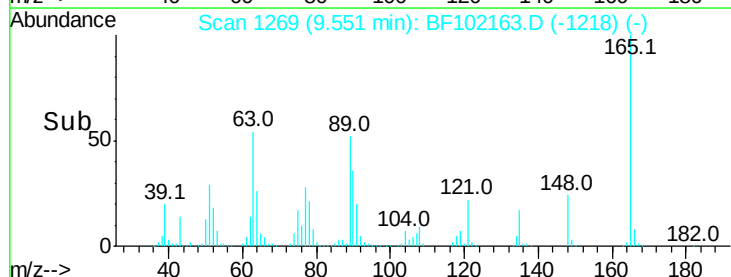
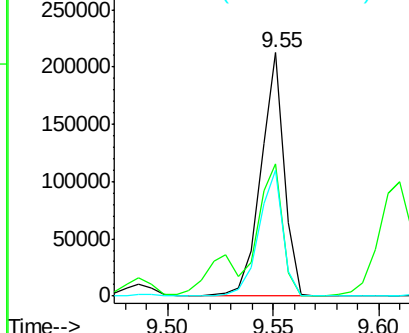


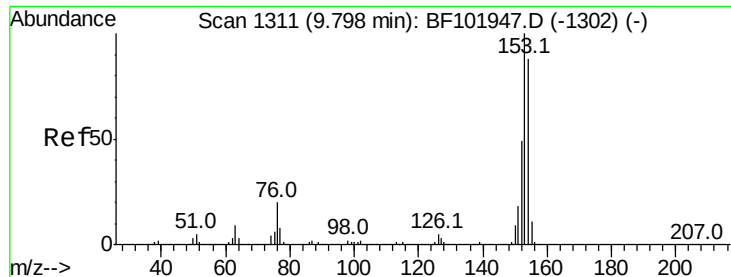
#50
2,6-Dinitrotoluene
Concen: 38.914 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.3	44.7	67.1	
89	51.5	44.0	66.0	



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





#51

Acenaphthene

Concen: 33.060 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

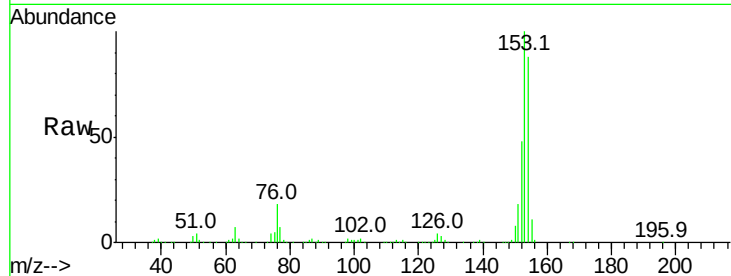
ClientSampled :

LTP-1MSD

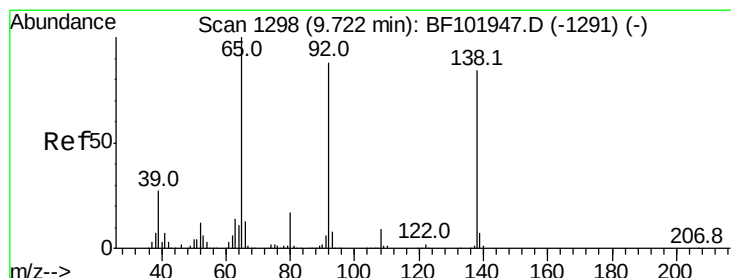
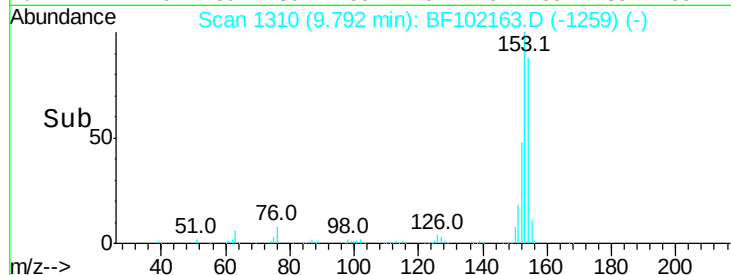
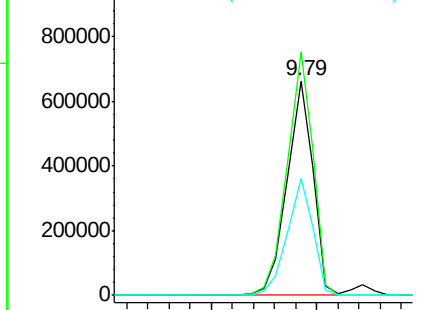
Tot Ion:	154	Resp:	571794
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	54.7	43.8	65.8

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



#52

3-Nitroaniline

Concen: 26.805 ng

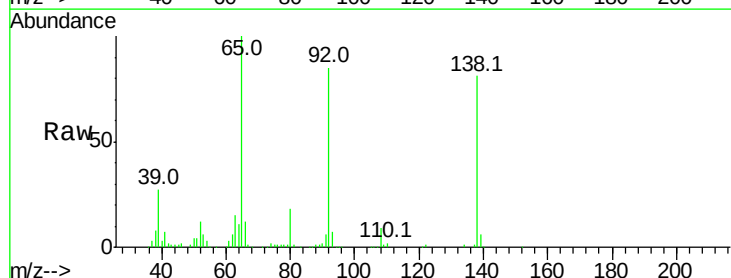
RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

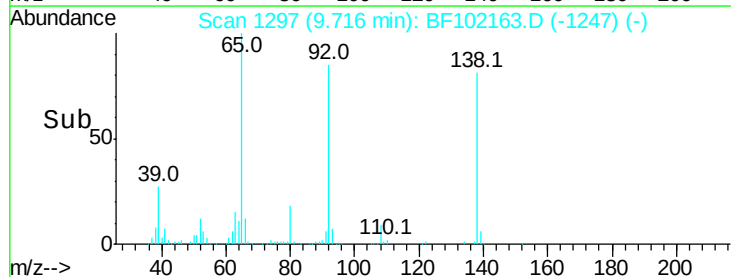
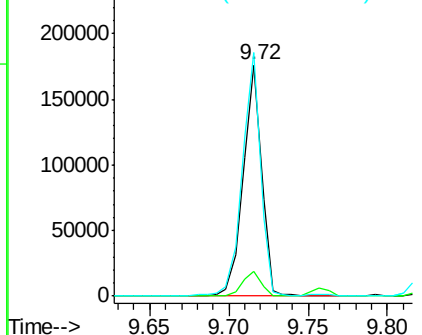
Lab File: BF102163.D

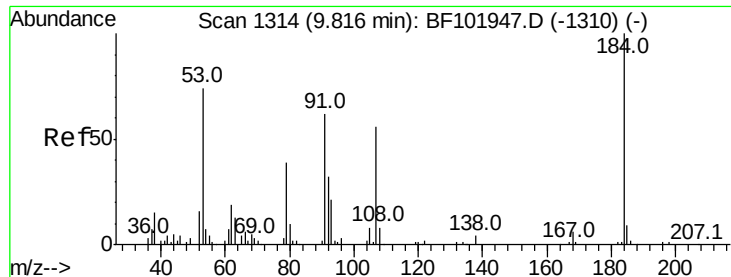
Acq: 17 Jan 2018 21:14

Tgt Ion:	138	Resp:	142009
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	105.4	89.4	134.2



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





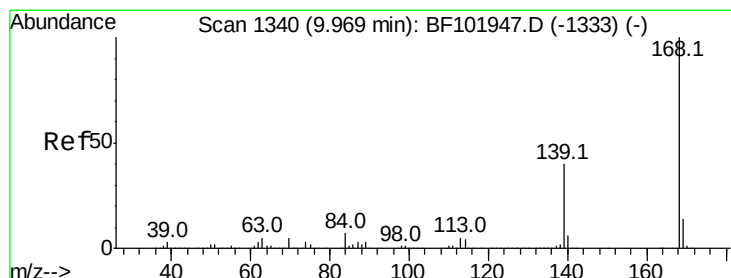
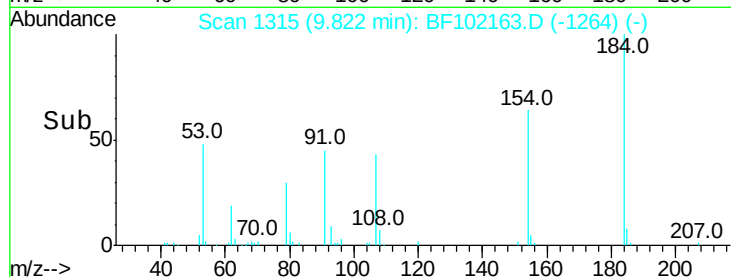
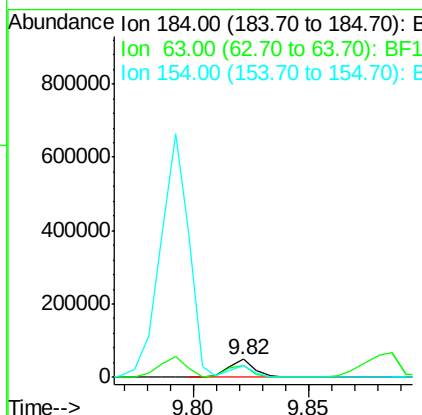
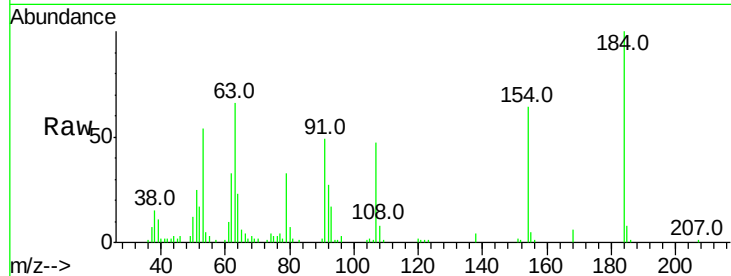
#53
2,4-Dinitrophenol
Concen: 30.015 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion:184 Resp: 38420
Ion Ratio Lower Upper
184 100
63 65.9 54.2 81.2
154 64.1 184.0 276.0#

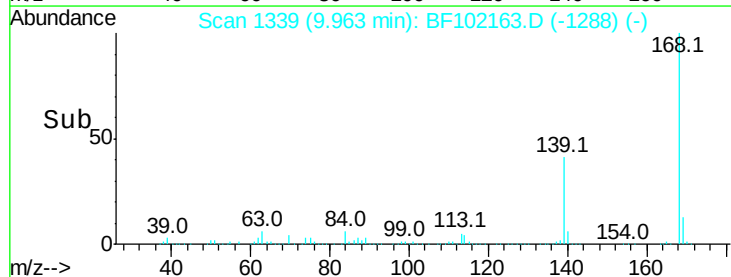
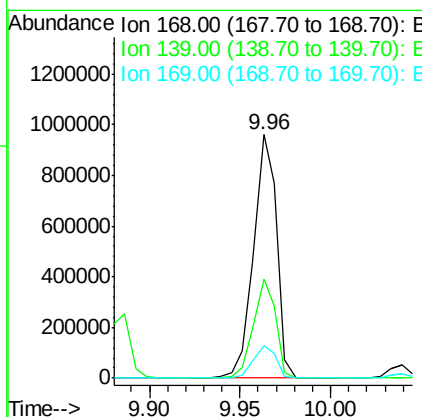
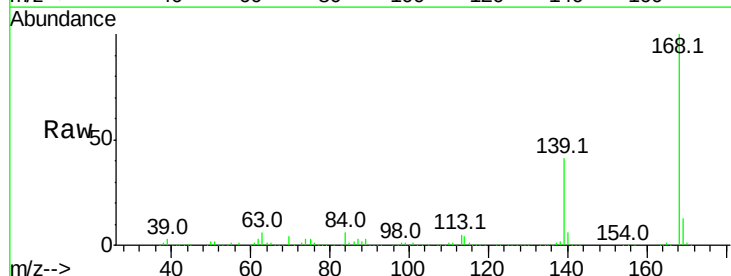
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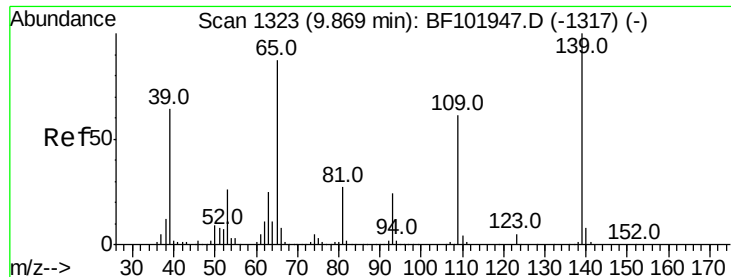
Sohil
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#54
Dibenzofuran
Concen: 35.684 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion:168 Resp: 847045
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 13.5 10.9 16.3





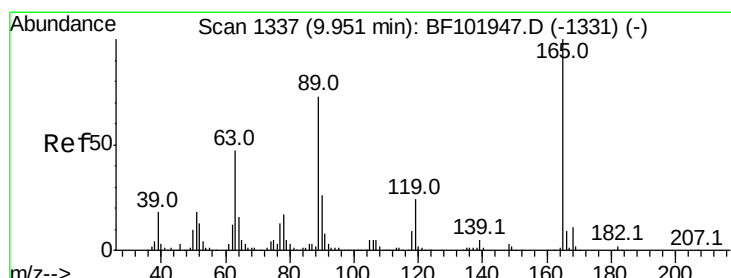
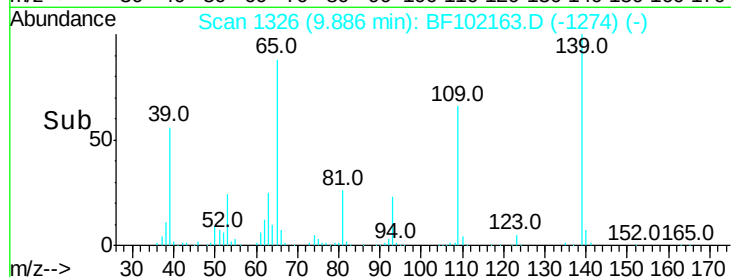
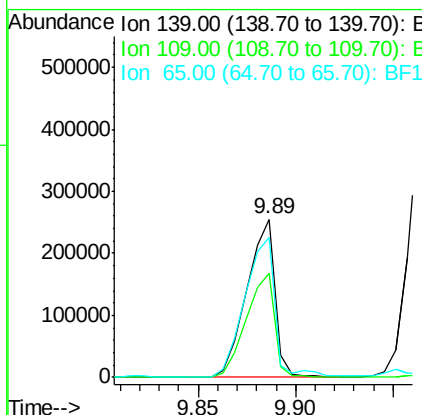
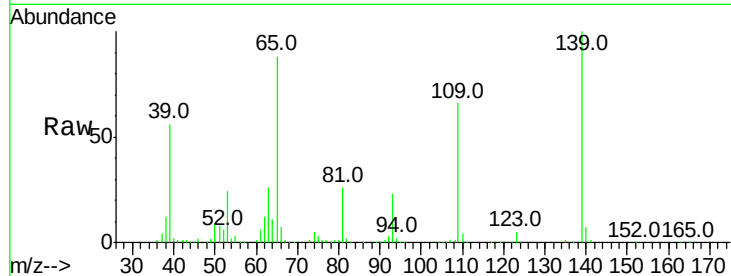
#55
4-Nitrophenol
Concen: 64.727 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	255556		
109	65.6	48.4	88.4	
65	88.0	72.6	112.6	

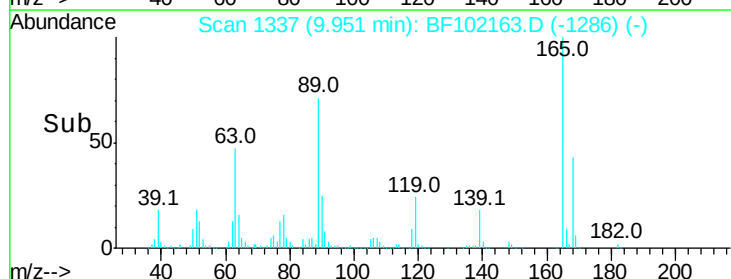
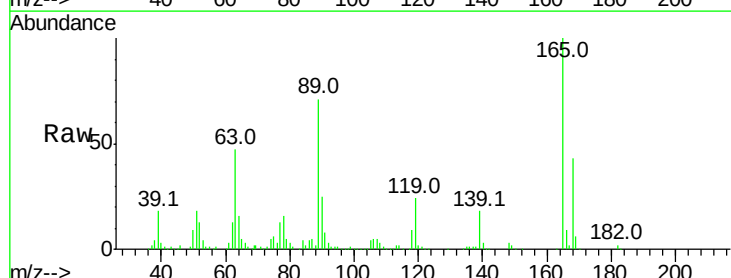
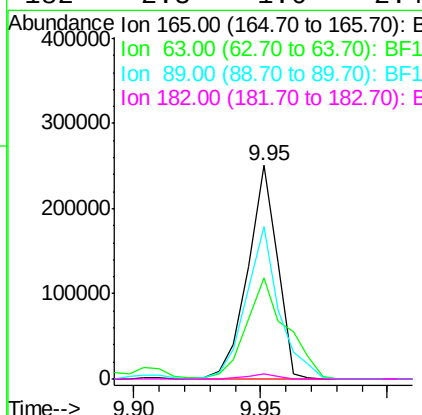
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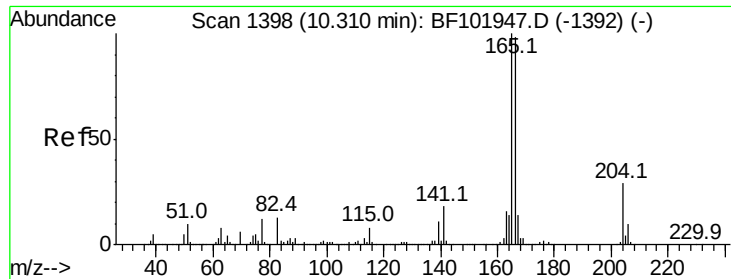
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#56
2,4-Dinitrotoluene
Concen: 38.751 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203888		
63	47.4	36.4	54.6	
89	71.4	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 37.691 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

ClientSampleId :

LTP-1MSD

Tot Ion:166 Resp: 618495

Ion Ratio Lower Upper

166 100

165 100.7 79.8 119.8

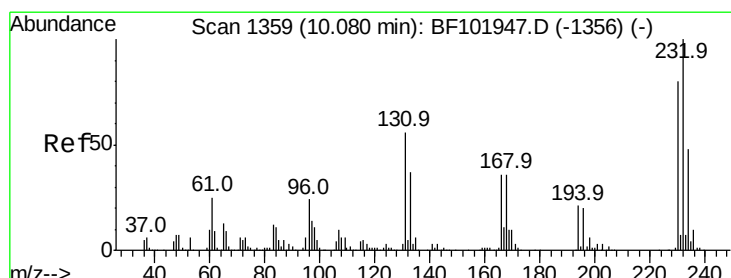
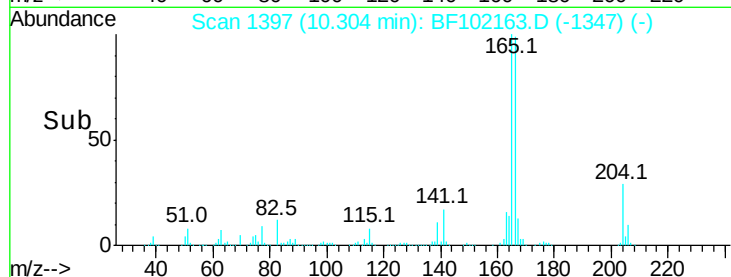
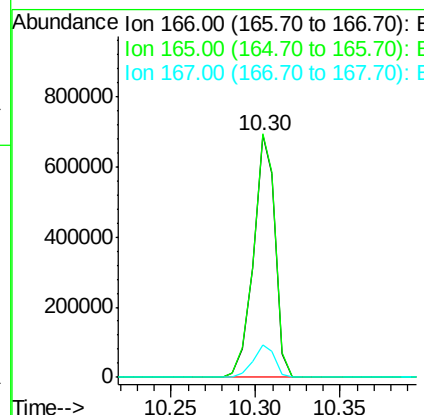
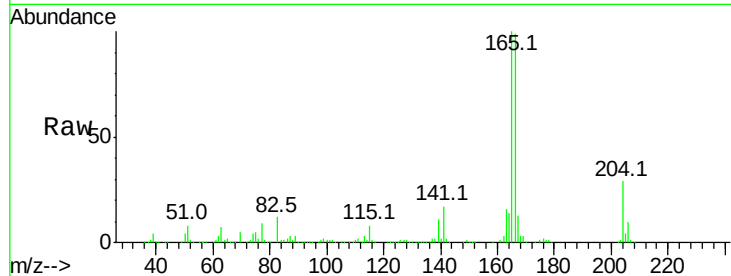
167 13.4 10.6 16.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.379 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion:232 Resp: 153612

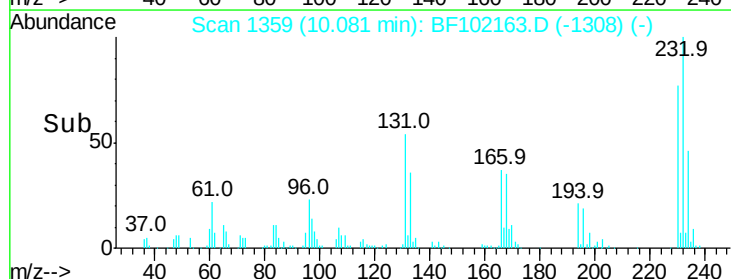
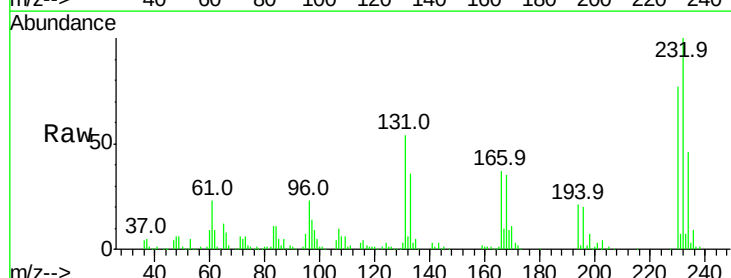
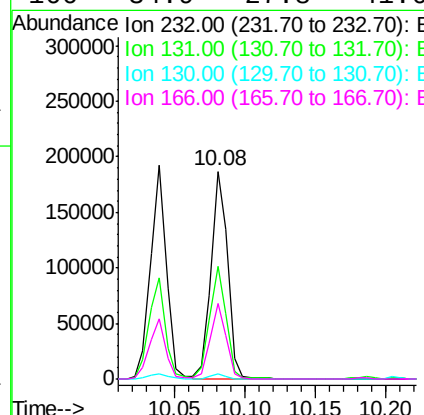
Ion Ratio Lower Upper

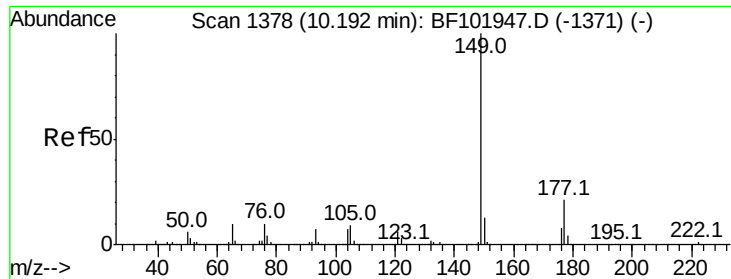
232 100

131 53.5 43.8 65.8

130 2.5 2.1 3.1

166 34.9 27.8 41.6





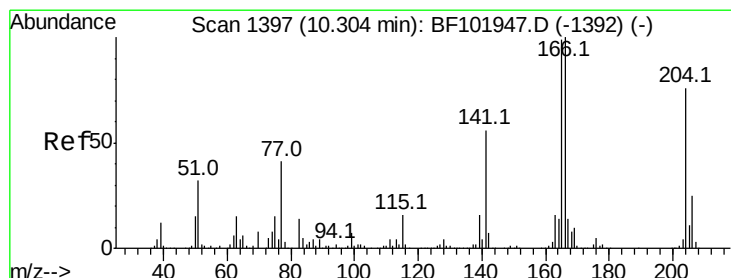
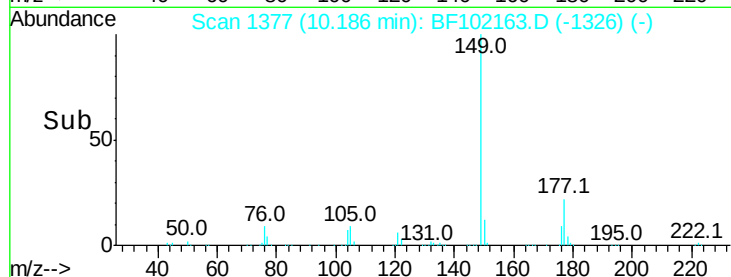
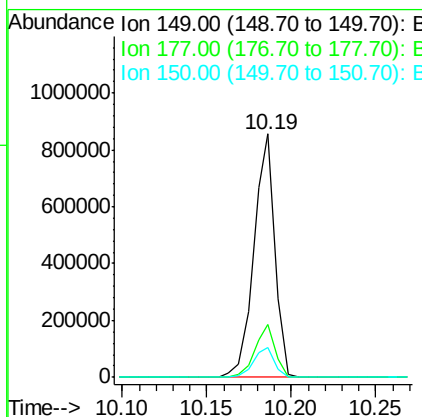
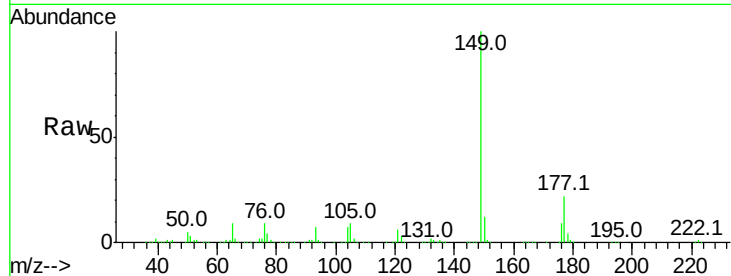
#59
Diethylphthalate
Concen: 35.608 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	744368		
177	21.7	16.1	24.1	
150	12.5	10.1	15.1	

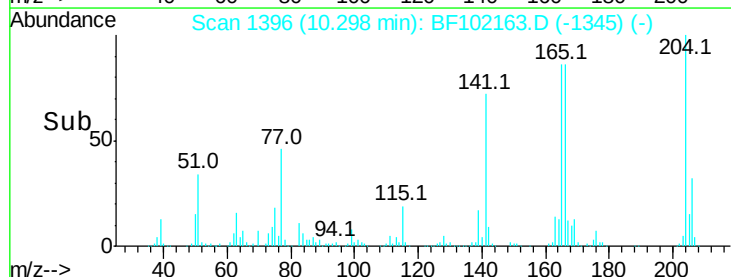
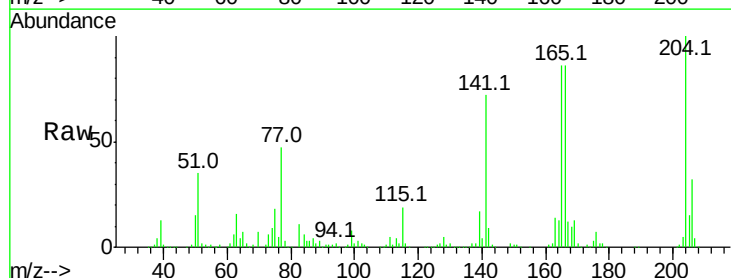
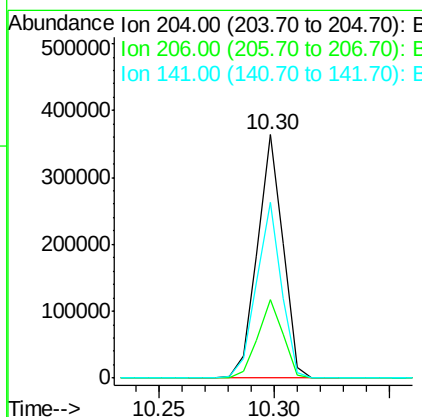
Manual Integrations
APPROVED

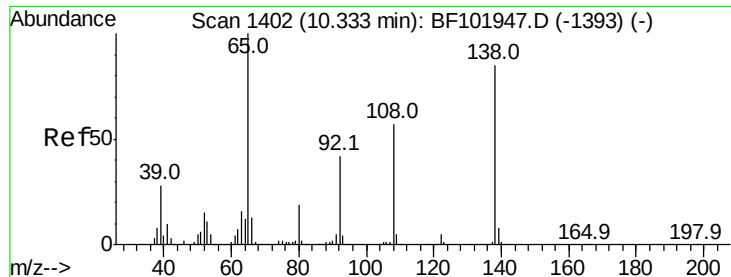
Sohil
1/18/2018 11:12:32 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.448 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282625		
206	32.2	26.5	39.7	
141	72.4	54.6	81.8	





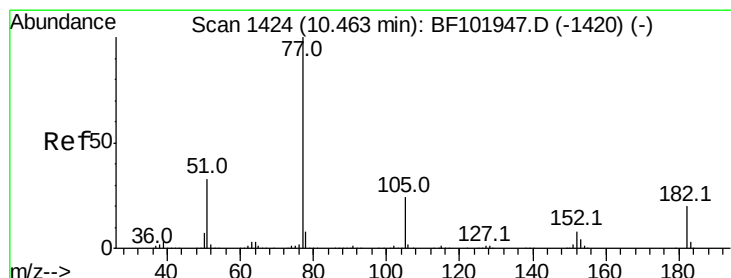
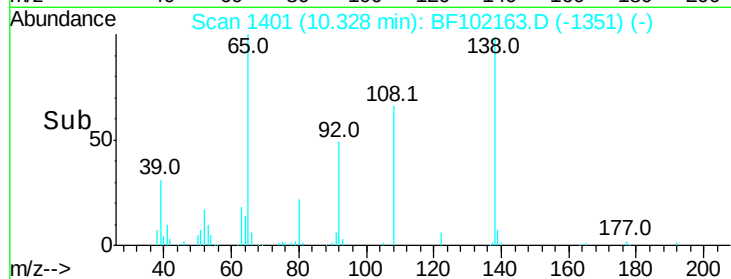
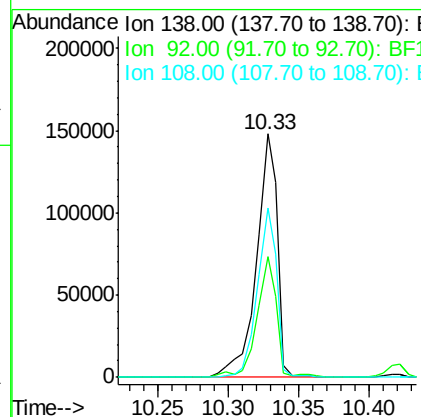
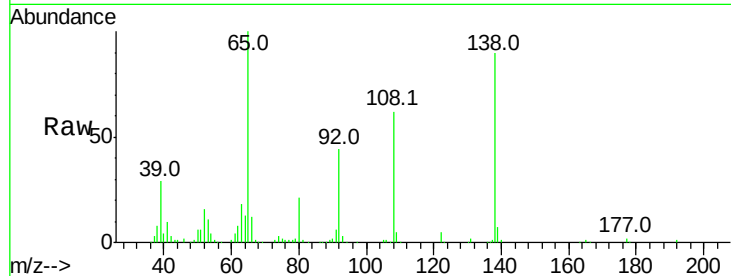
#61
4-Nitroaniline
Concen: 30.583 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion:	138	Resp:	153770
Ion Ratio	Lower	Upper	
138	100		
92	49.4	30.2	70.2
108	69.7	52.5	92.5

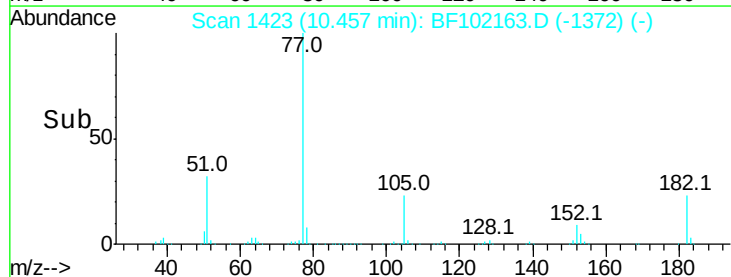
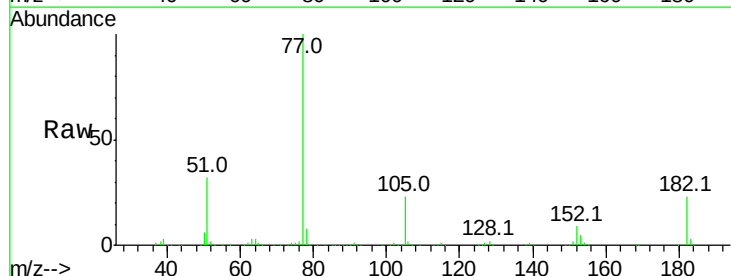
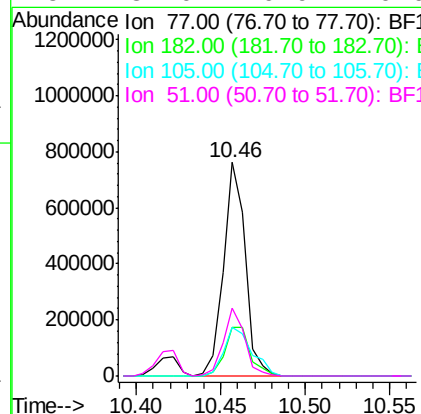
Manual Integrations
APPROVED

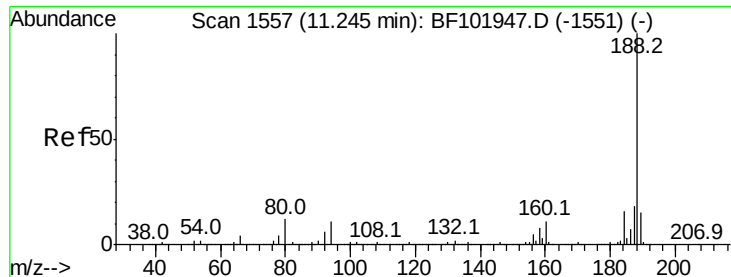
Sohil
1/18/2018 11:12:32 AM



#62
Azobenzene
Concen: 33.033 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion:	77	Resp:	687048
Ion Ratio	Lower	Upper	
77	100		
182	22.9	1.7	41.7
105	23.0	3.0	43.0
51	32.0	9.9	49.9





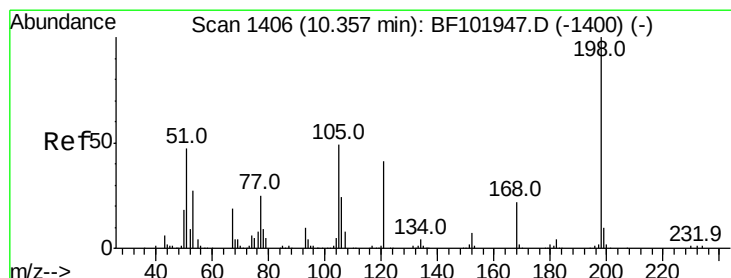
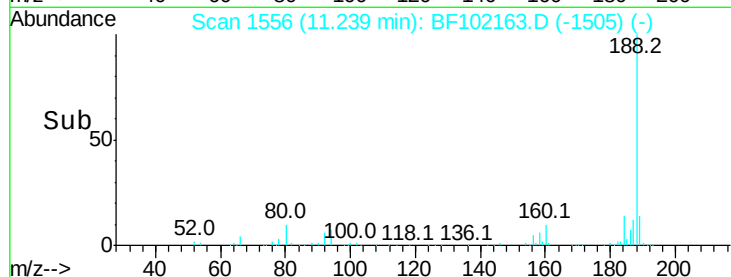
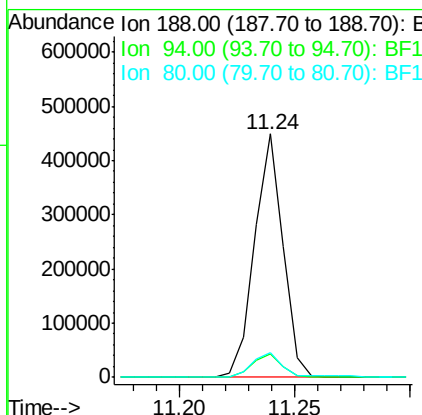
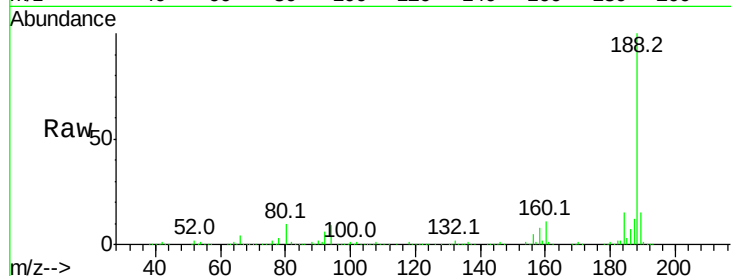
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

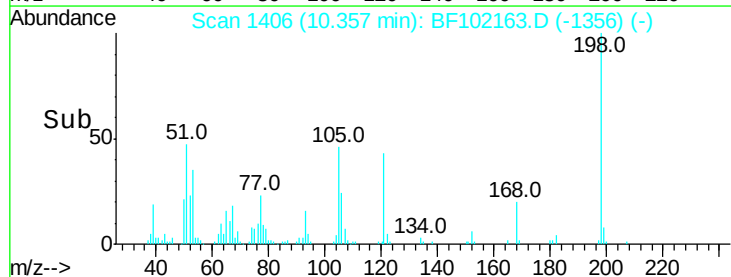
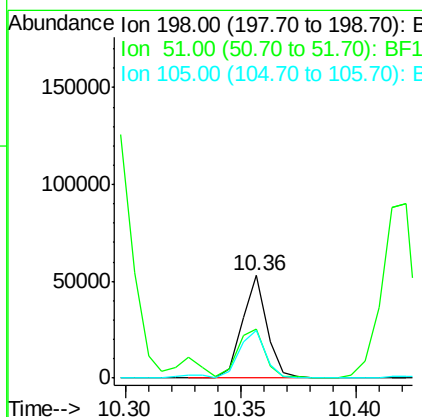
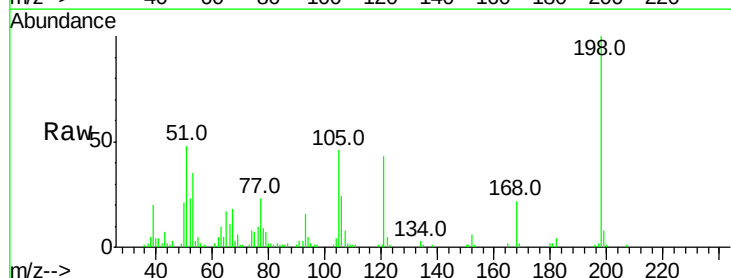
Manual Integrations
APPROVED

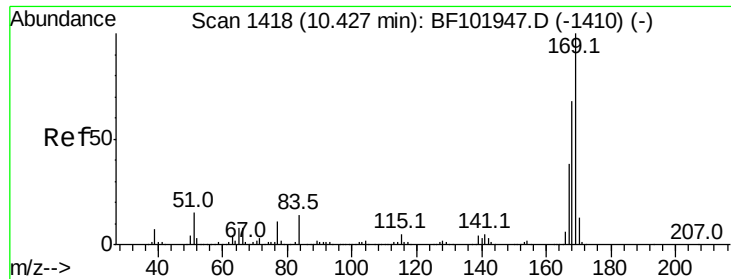
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.359 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.7	37.7	77.7
105	46.1	36.3	76.3





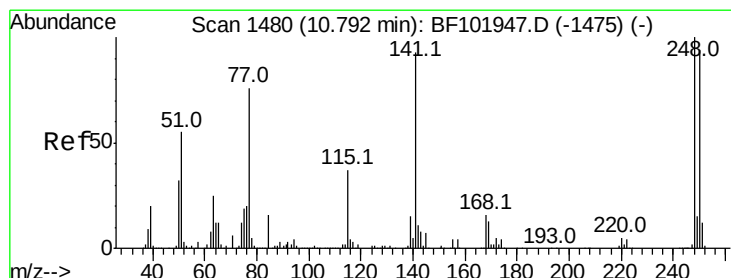
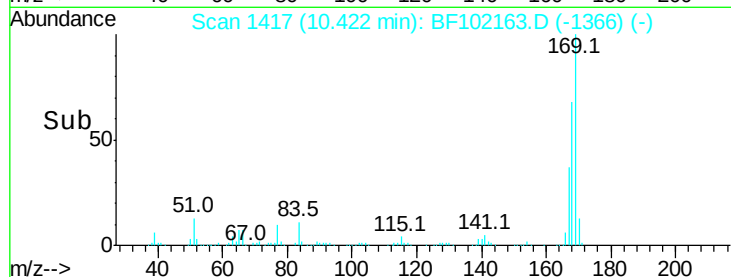
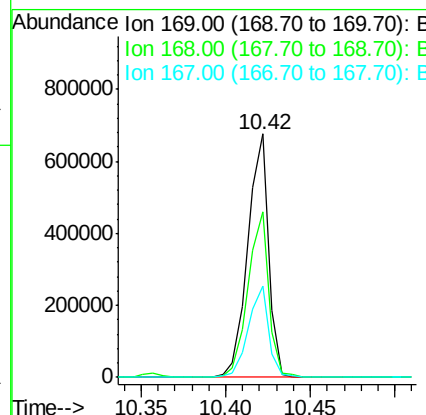
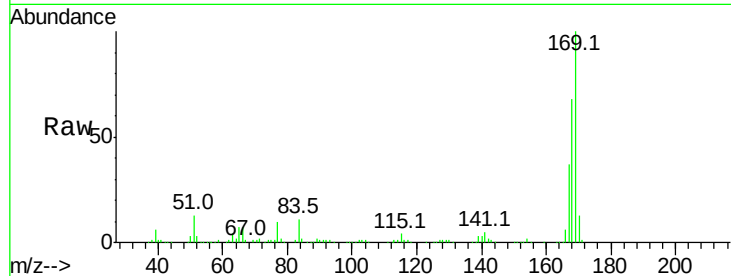
#65
n-Nitrosodiphenylamine
Concen: 40.339 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	582891		
168	68.1		54.4	81.6
167	37.3		29.8	44.6

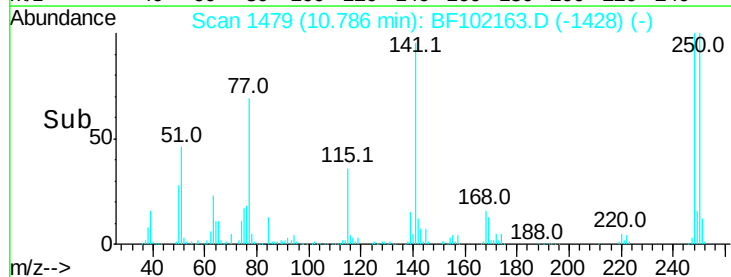
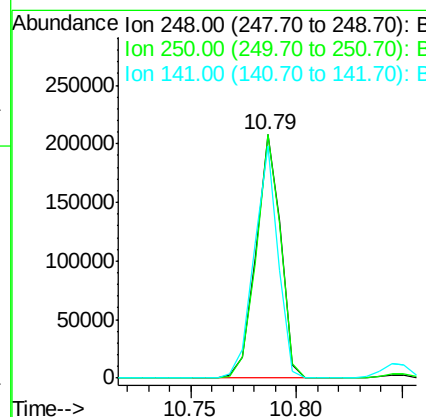
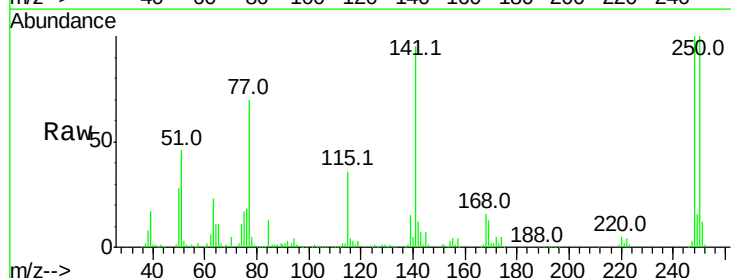
Manual Integrations
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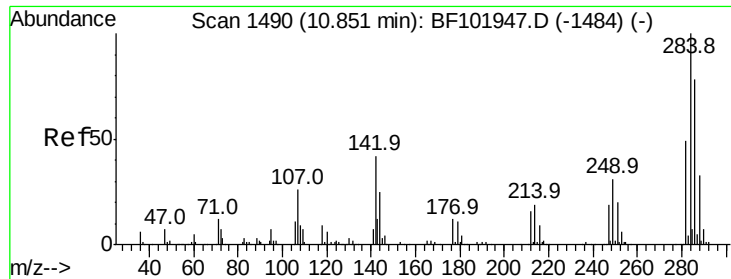
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.434 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	168847		
250	100.1		76.9	115.3
141	95.3		74.4	111.6





#67

Hexachlorobenzene

Concen: 38.254 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

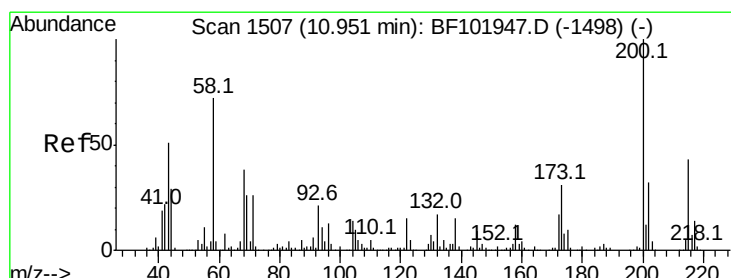
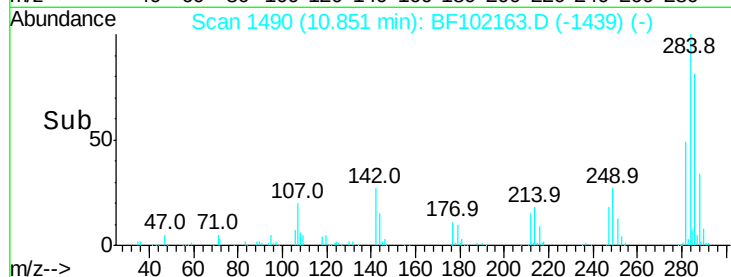
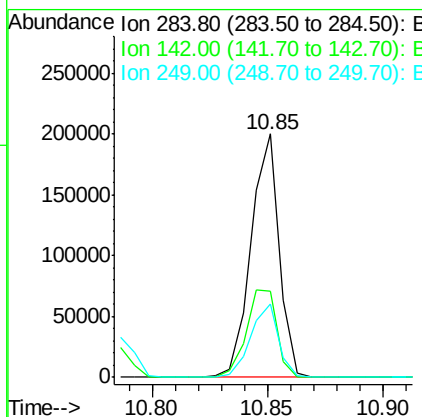
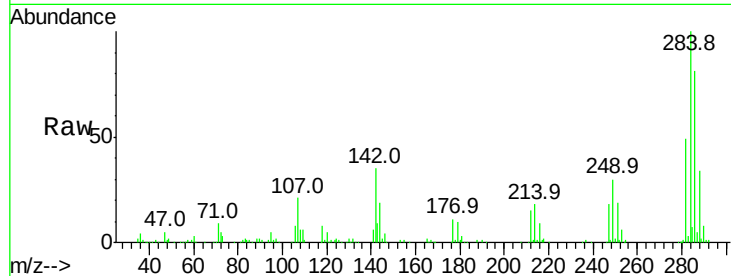
ClientSampled :

LTP-1MSD

Tot Ion:	284	Resp:	170181
Ion Ratio		Lower	Upper
284	100		
142	35.2	34.6	52.0
249	30.1	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 42.096 ng

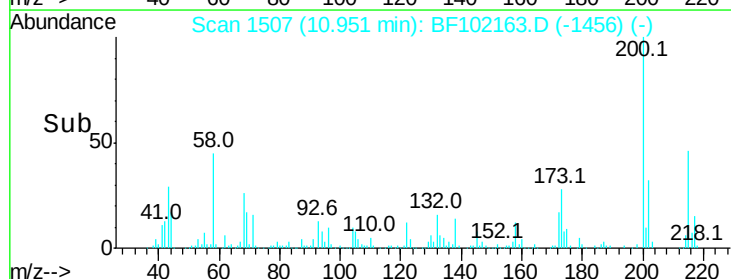
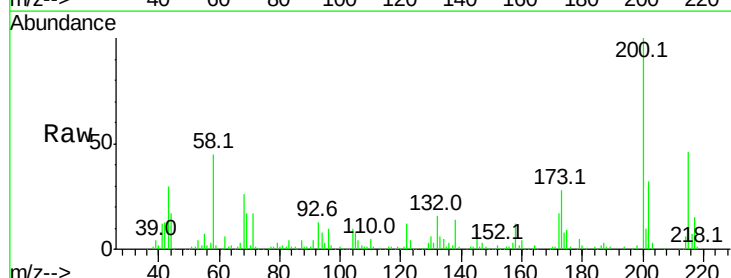
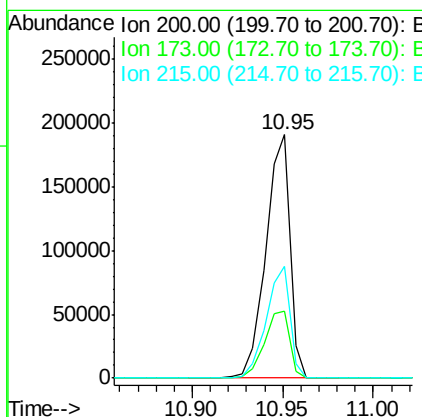
RT: 10.95 min Scan# 1507

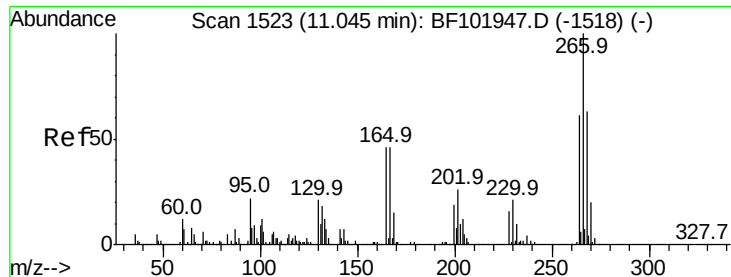
Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion:	200	Resp:	175788
Ion Ratio		Lower	Upper
200	100		
173	27.8	8.6	48.6
215	46.1	25.1	65.1





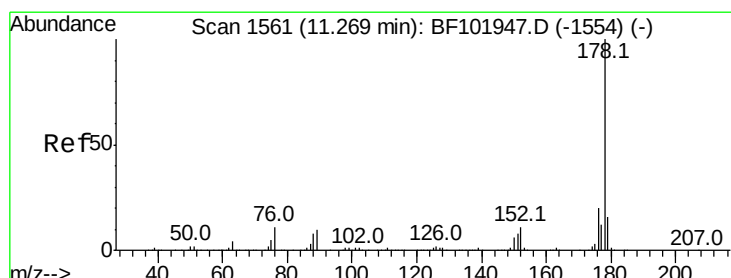
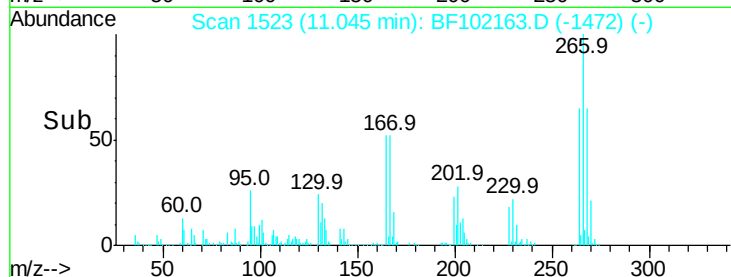
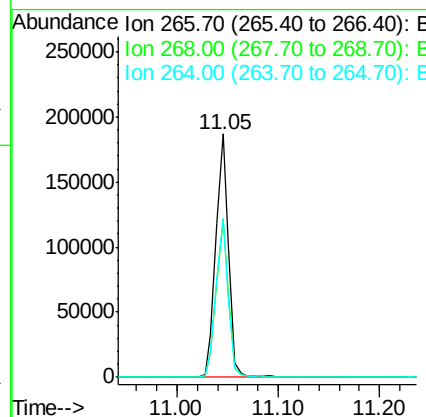
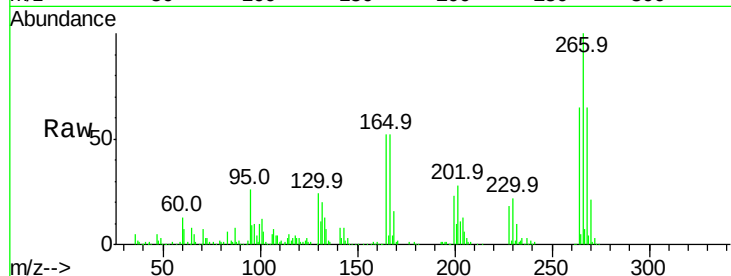
#69
 Pentachlorophenol
 Concen: 60.845 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165058		
268	65.0		51.1	76.7
264	65.3		49.5	74.3

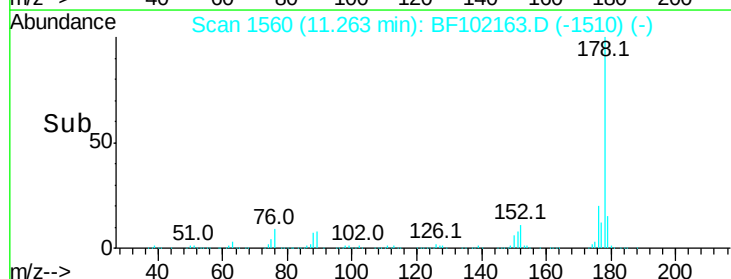
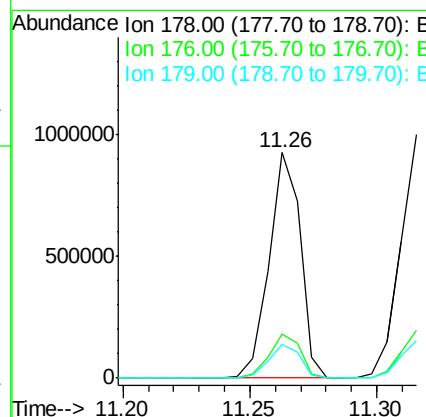
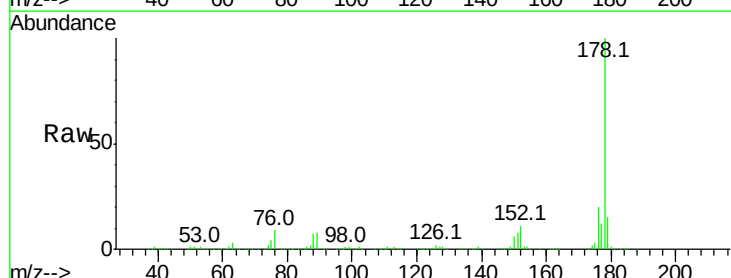
Manual Integrations
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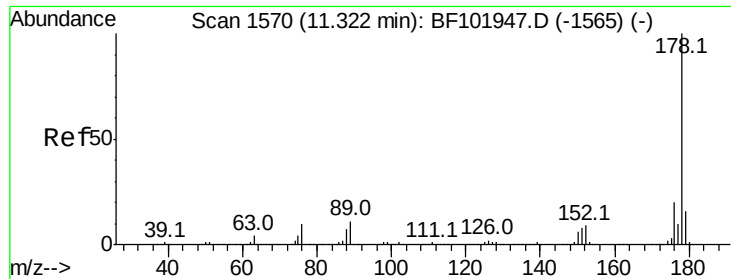
Sohil
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#70
 Phenanthrene
 Concen: 35.472 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	799557		
176	19.6		15.8	23.8
179	15.2		13.0	19.6





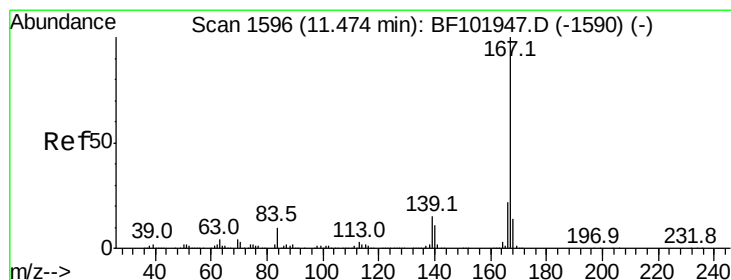
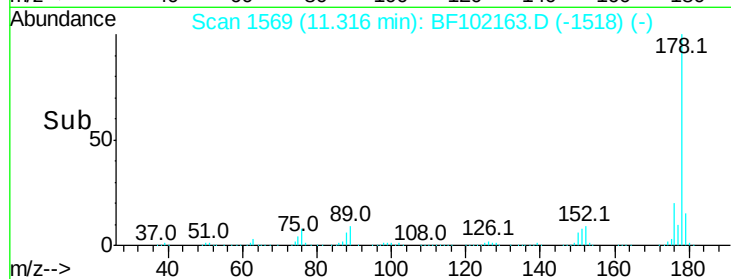
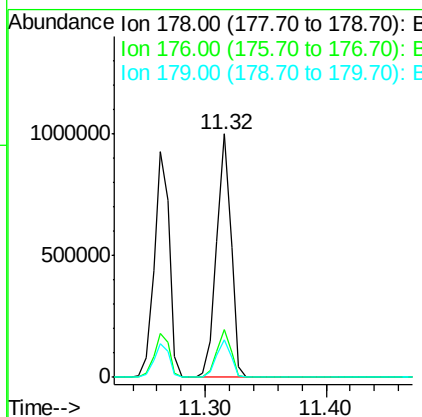
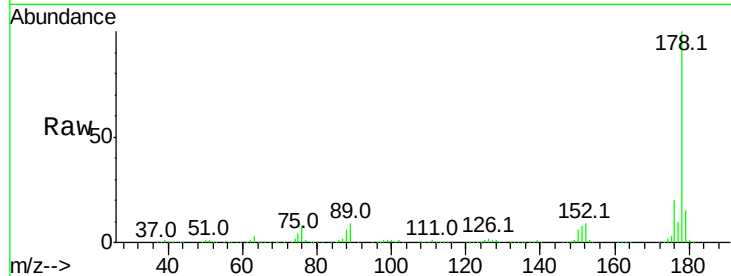
#71
 Anthracene
 Concen: 35.691 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.6	19.0

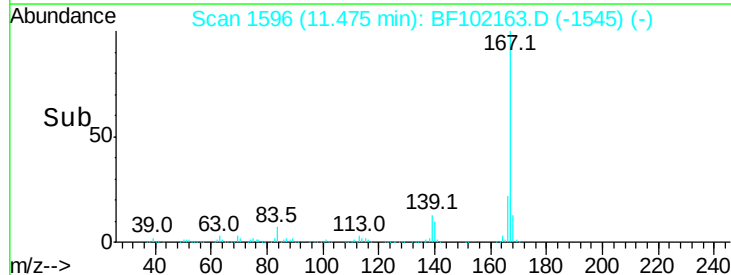
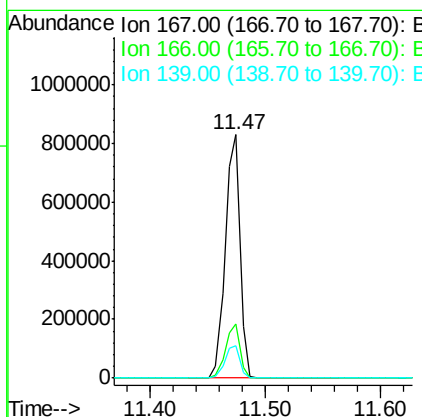
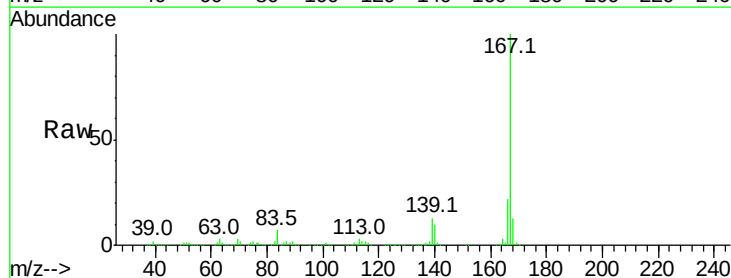
Manual Integrations
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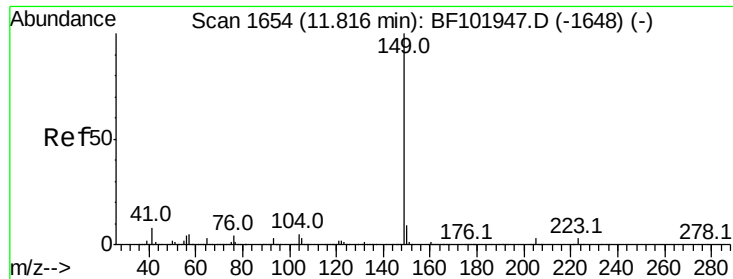
Sohil
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#72
 Carbazole
 Concen: 32.680 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.955 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

ClientSampleId :

LTP-1MSD

Tot Ion:149 Resp: 1018743

Ion Ratio Lower Upper

149 100

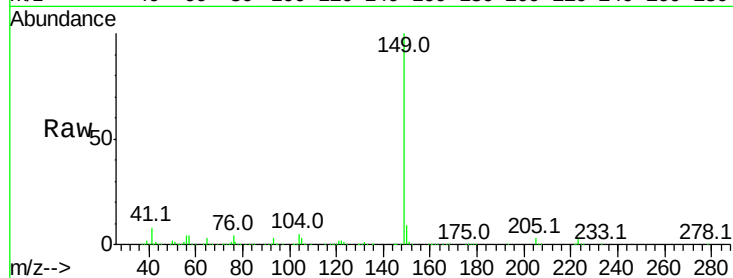
150 9.1 7.8 11.6

104 4.8 3.8 5.8

Manual Integrations
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Sohil

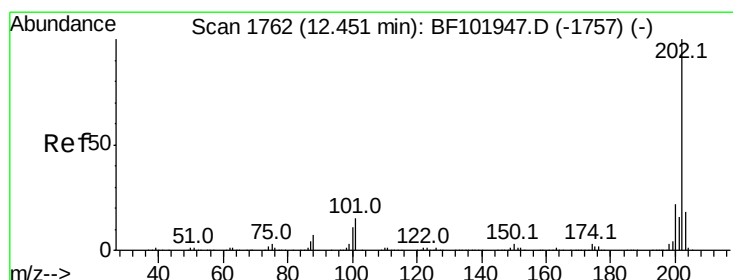
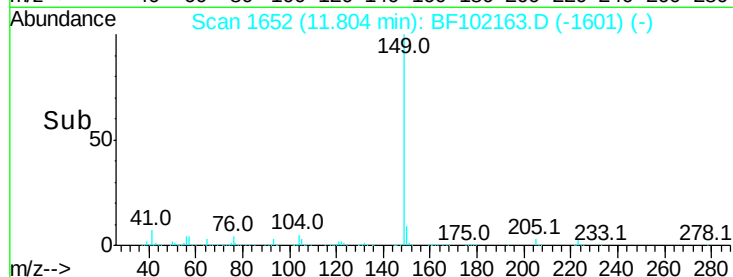
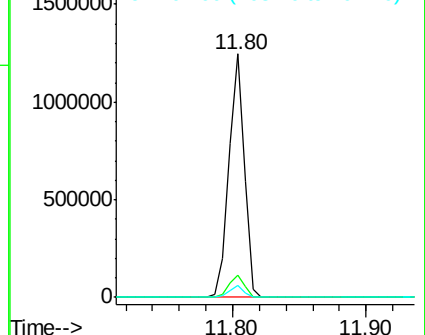
1/18/2018 11:12:32 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.322 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

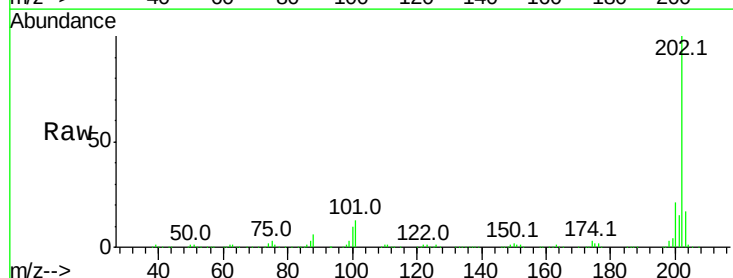
Tgt Ion:202 Resp: 672457

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

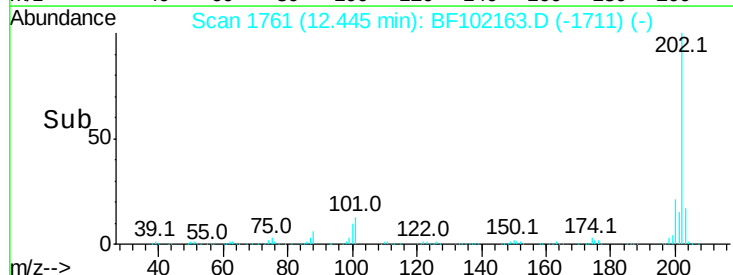
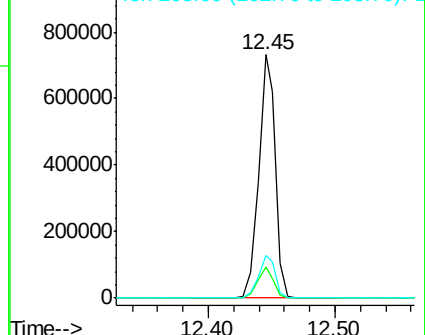
203 17.4 0.0 38.1

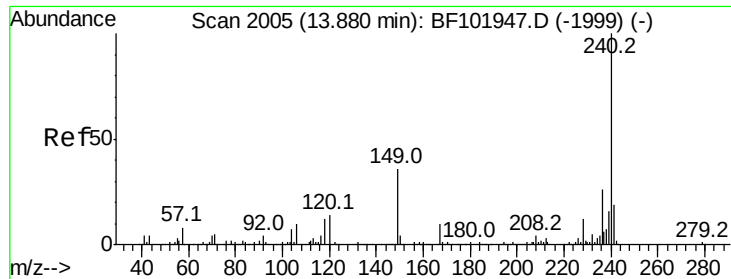


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

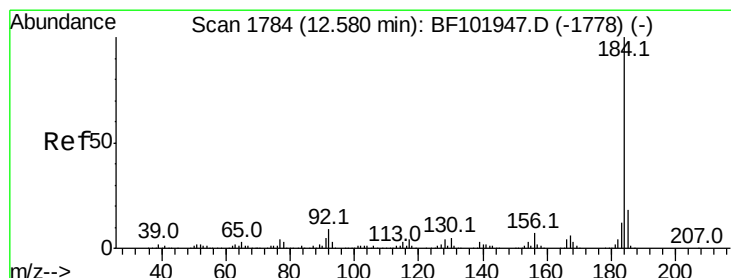
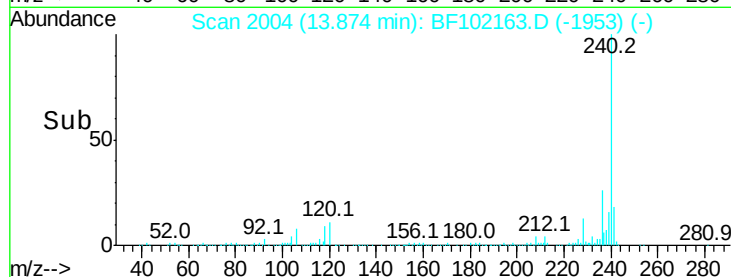
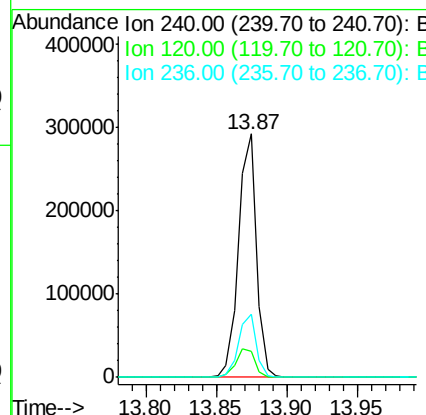
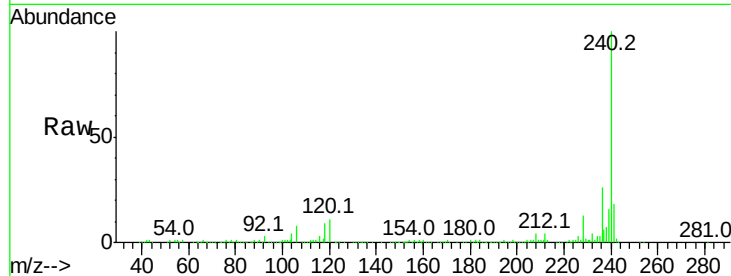
ClientSampleId :

LTP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	259335		
120	10.7		9.5	14.3
236	25.9		20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 32.594 ng

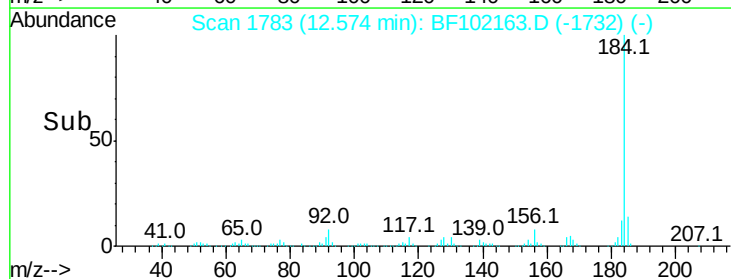
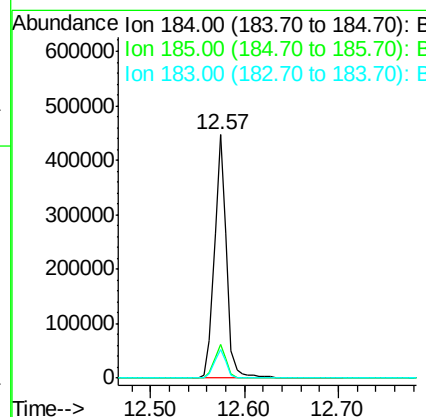
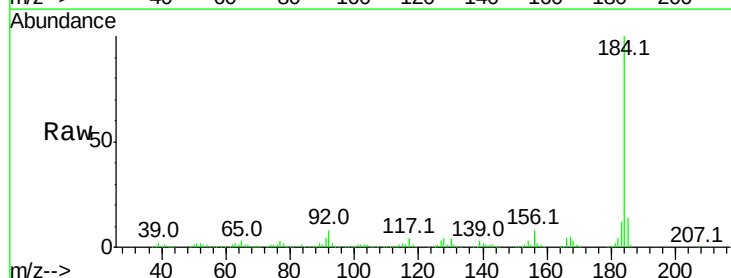
RT: 12.57 min Scan# 1783

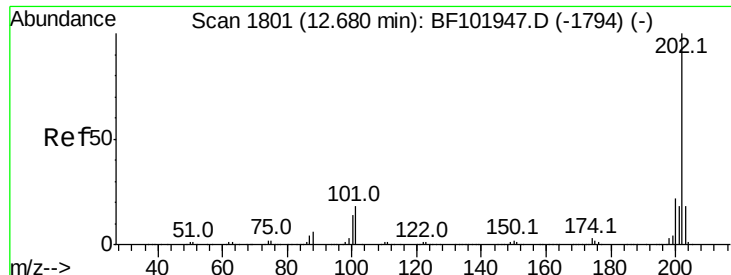
Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	408179		
185	14.1		12.6	18.8
183	11.7		9.3	13.9





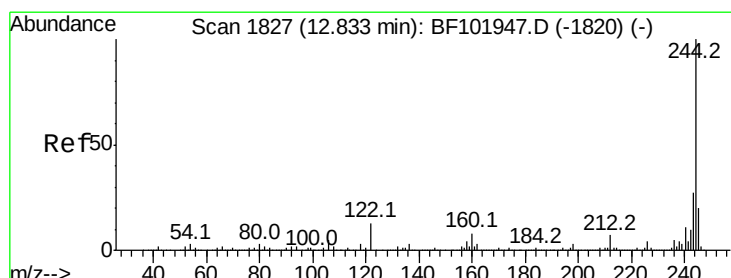
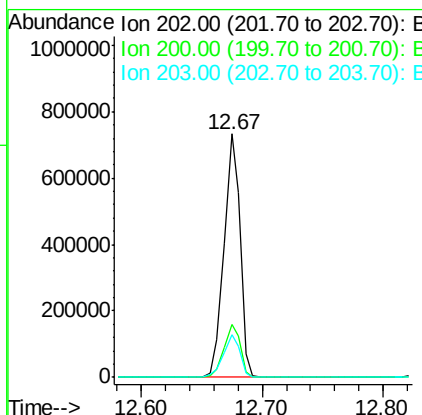
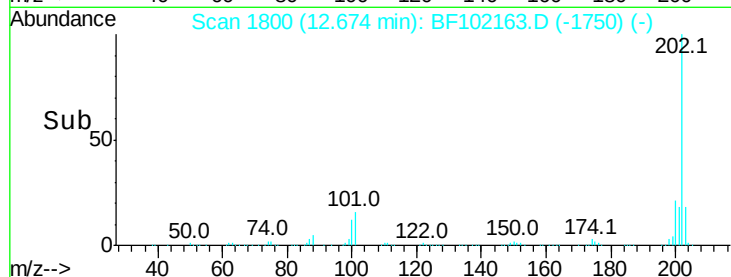
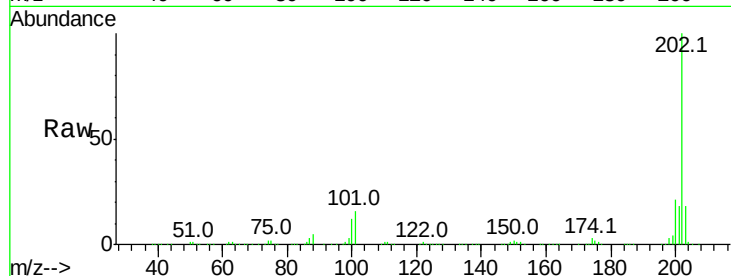
#77
Pvrene
Concen: 29.247 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

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

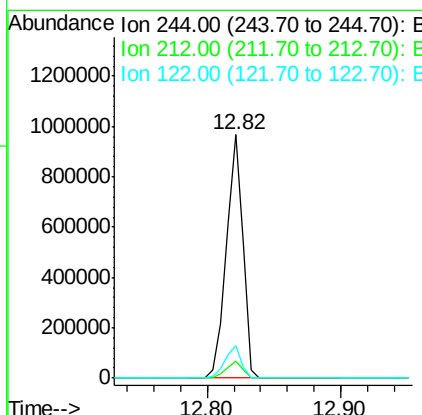
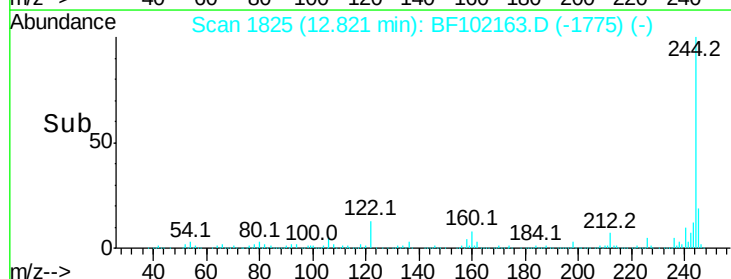
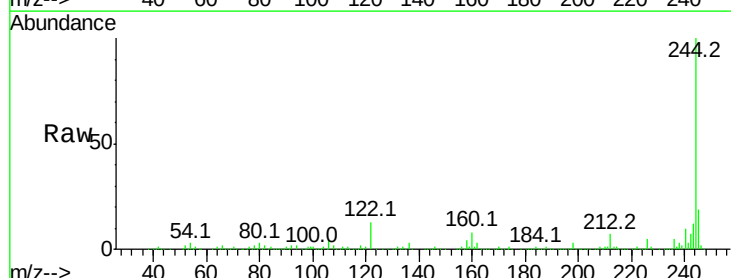
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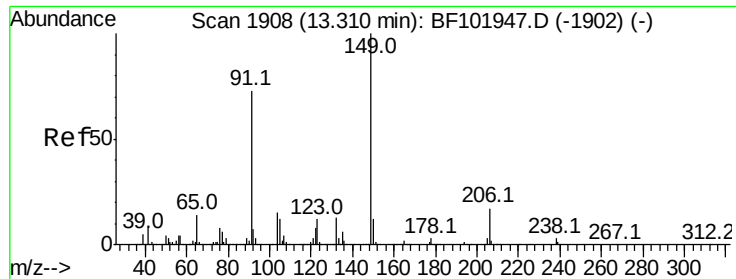
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#78
Terphenyl-d14
Concen: 67.814 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4





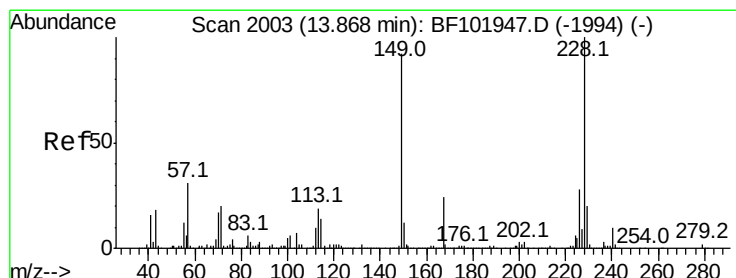
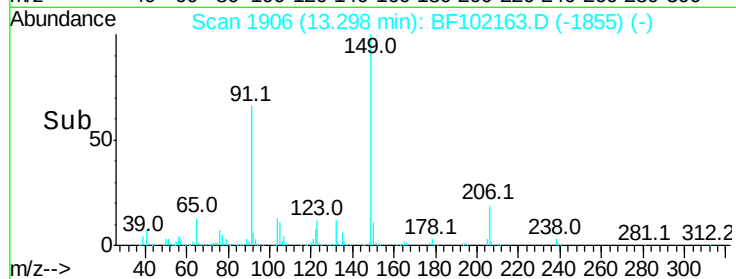
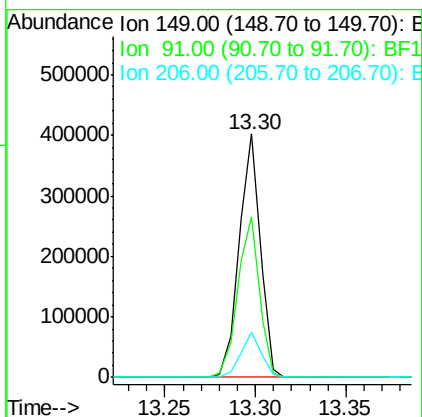
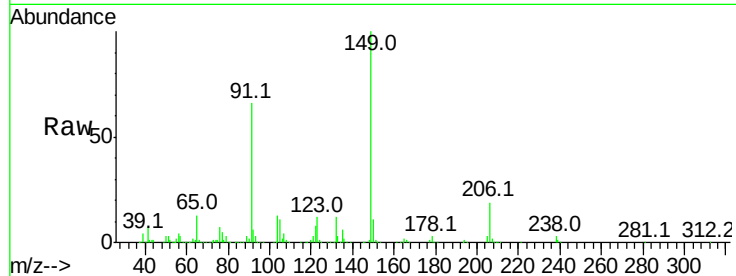
#79
Butylbenzylphthalate
Concen: 31.006 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampled :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	56.8	85.2
206	18.6	14.1	21.1

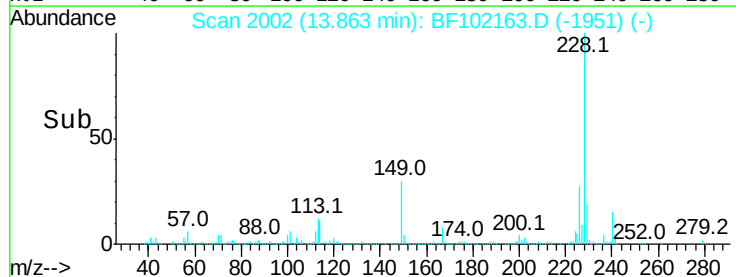
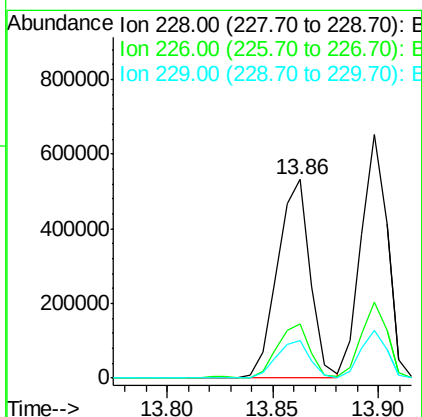
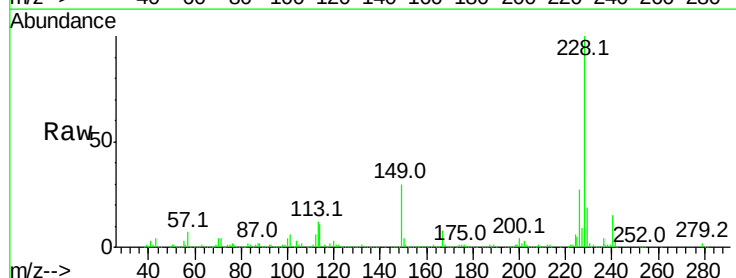
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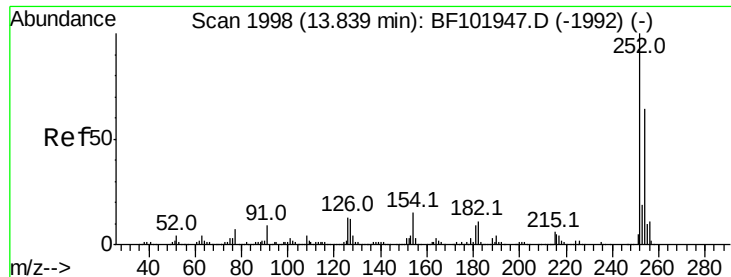
Sohil
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#80
Benzo(a)anthracene
Concen: 34.669 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	18.9	15.8	23.6





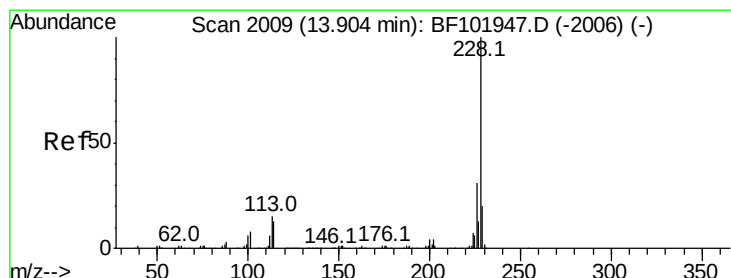
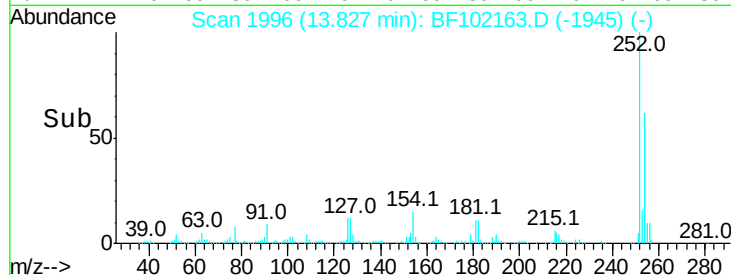
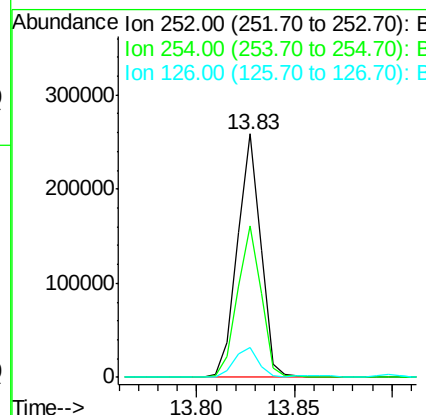
#81
 3,3'-Dichlorobenzidine
 Concen: 35.100 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion:	252	Resp:	215045
Ion Ratio	Lower	Upper	
252	100		
254	62.1	50.4	75.6
126	12.2	11.3	16.9

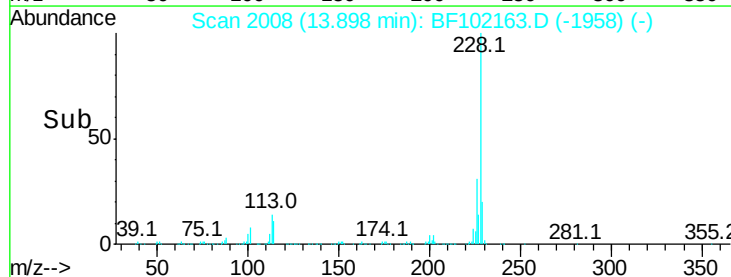
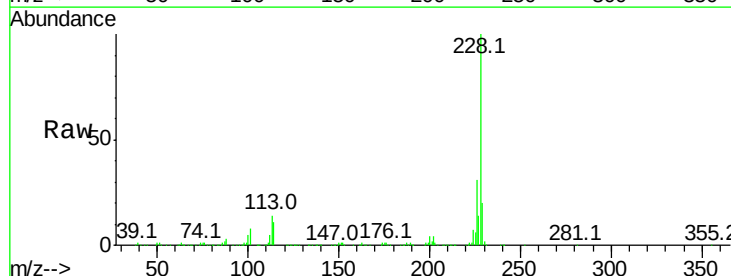
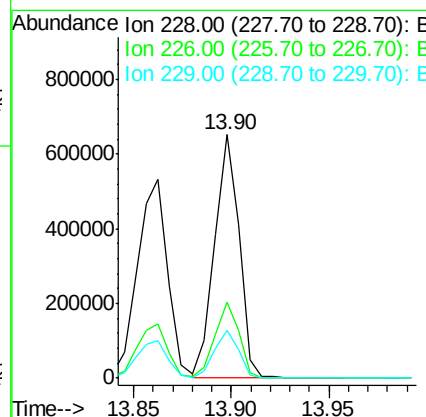
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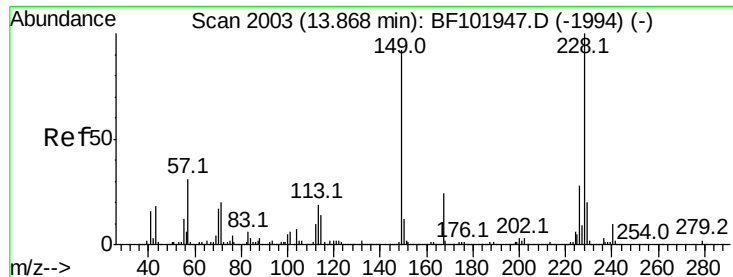
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#82
 Chrysene
 Concen: 32.849 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion:	228	Resp:	566745
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.273 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

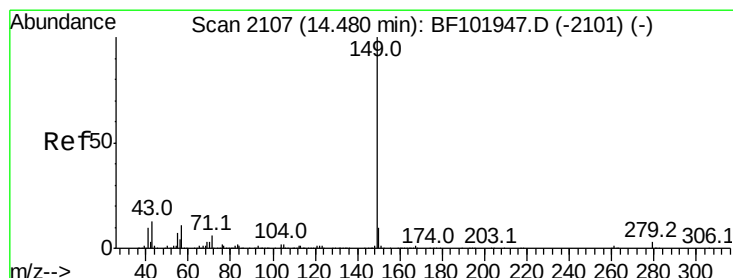
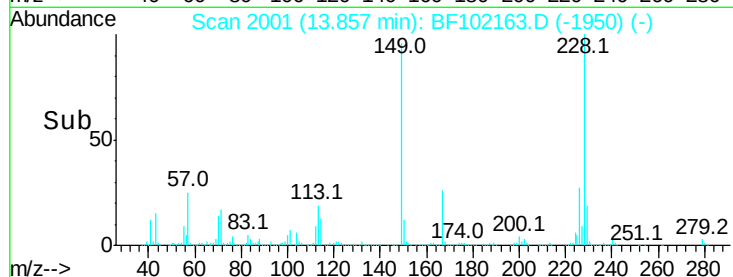
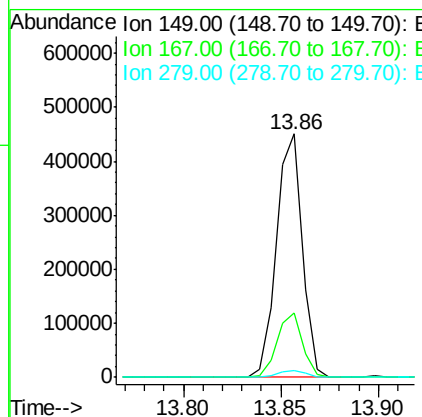
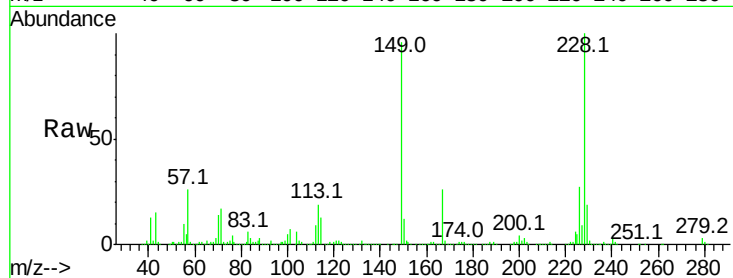
ClientSampleId :

LTP-1MSD

Tot Ion:	149	Resp:	413623
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	3.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 37.780 ng

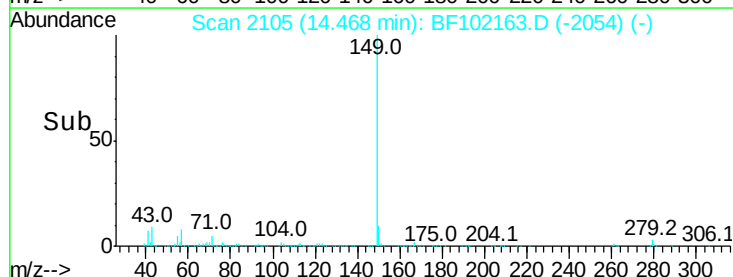
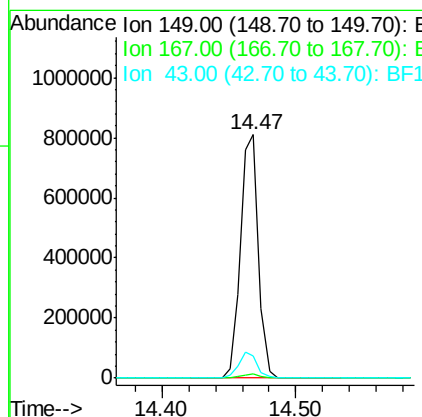
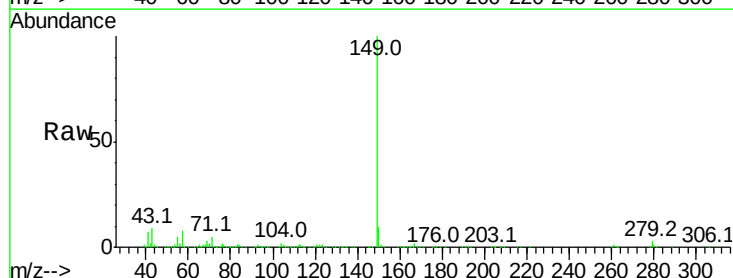
RT: 14.47 min Scan# 2105

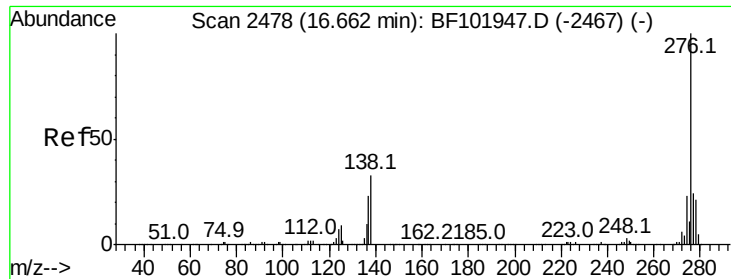
Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion:	149	Resp:	756590
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.4	8.4	12.6





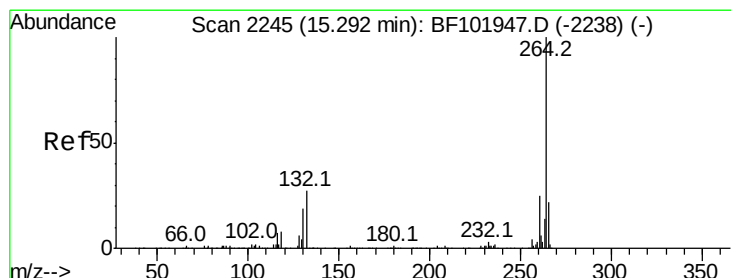
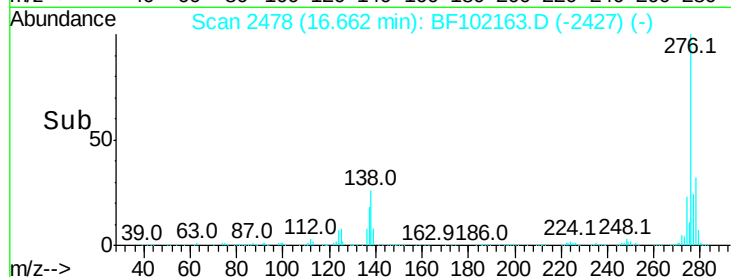
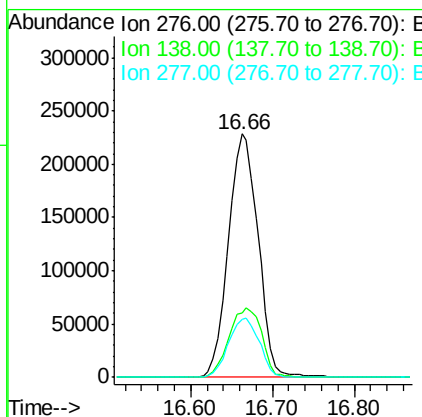
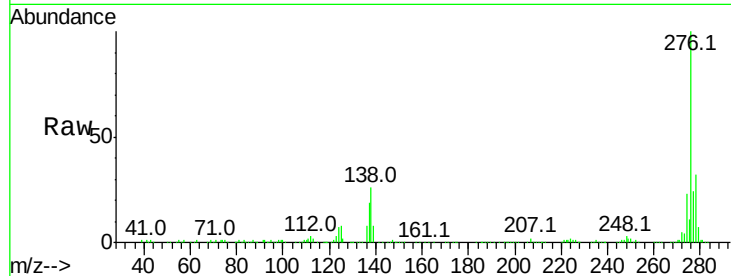
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.987 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.0	37.6
277	25.3	20.1	30.1

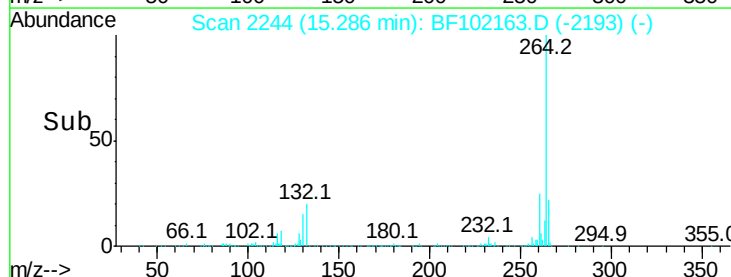
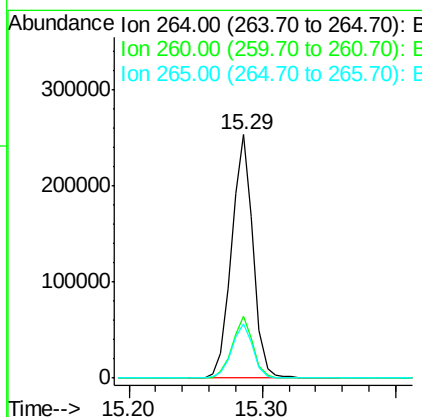
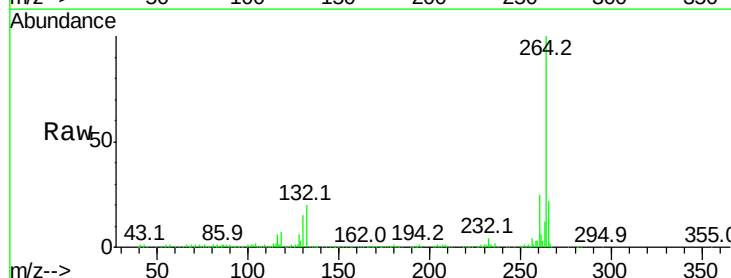
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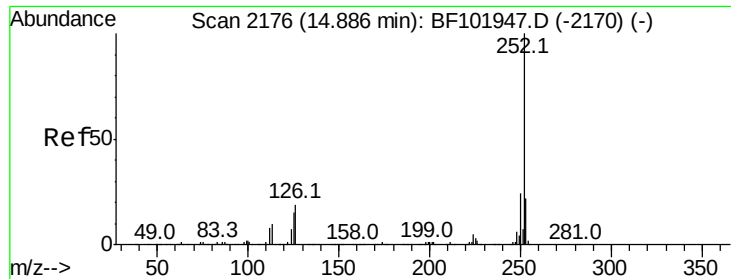
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 34.749 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Instrument :

BNA_F

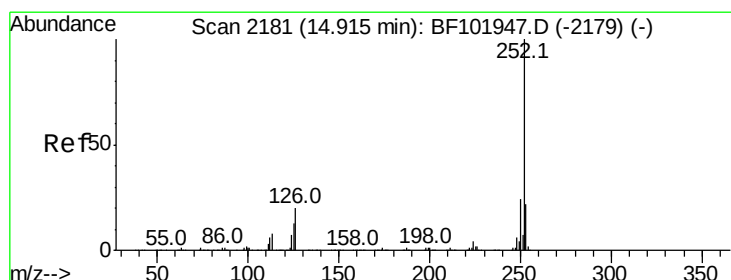
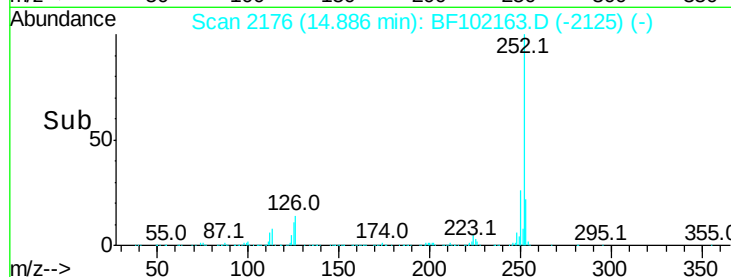
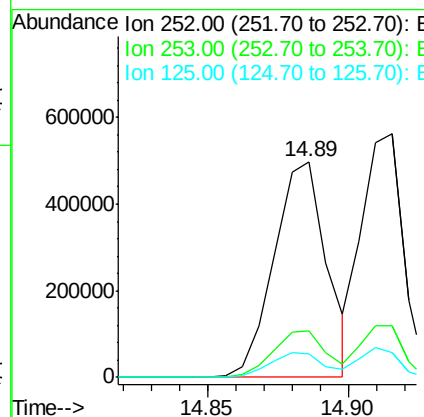
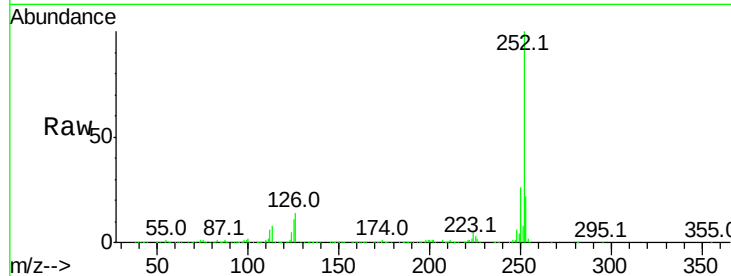
ClientSampleId :

LTP-1MSD

Tot Ion:	252	Resp:	645241
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	11.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 32.380 ng

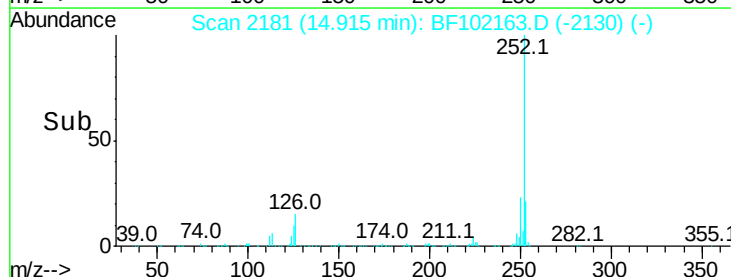
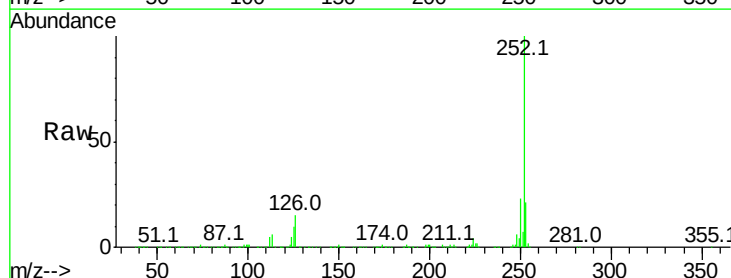
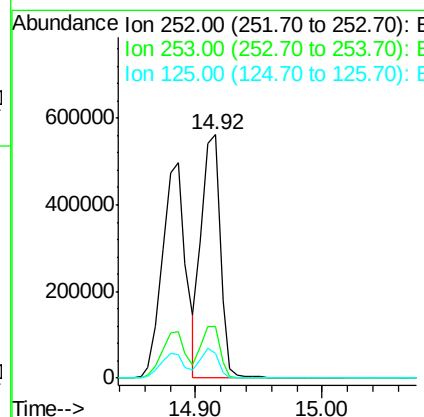
RT: 14.92 min Scan# 2181

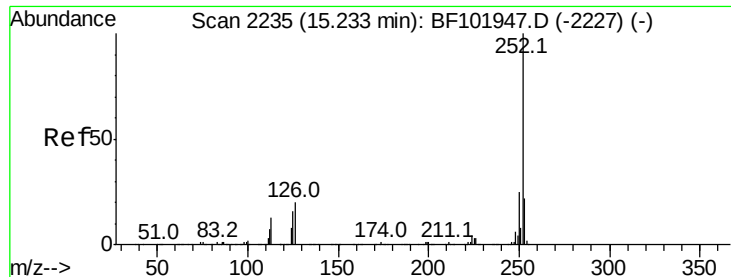
Delta R.T. -0.00 min

Lab File: BF102163.D

Acq: 17 Jan 2018 21:14

Tgt Ion:	252	Resp:	580010
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.9	26.9
125	10.2	10.2	15.2





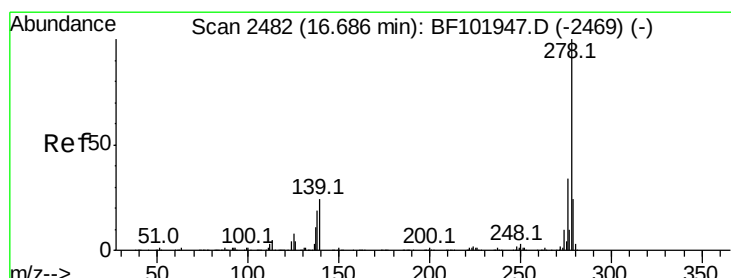
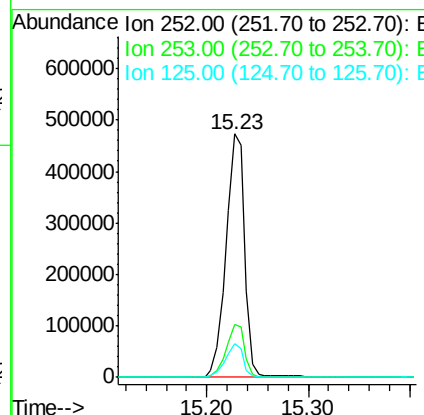
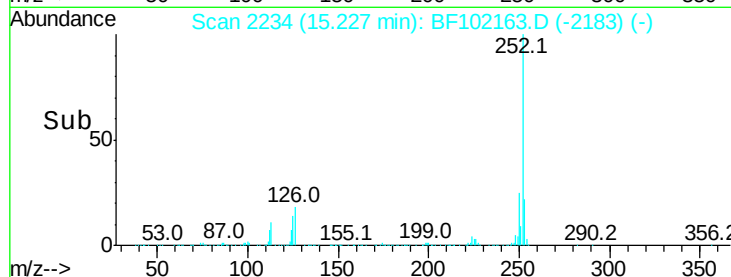
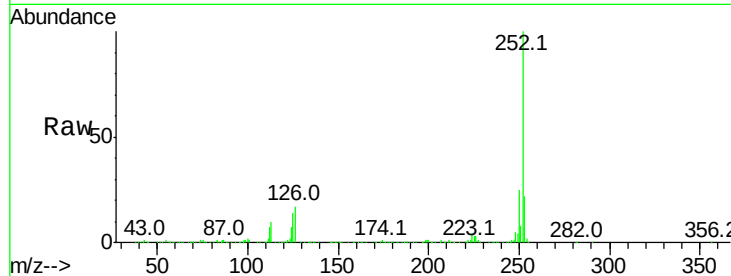
#89
Benzo(a)pyrene
Concen: 35.981 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.8	9.8	14.6

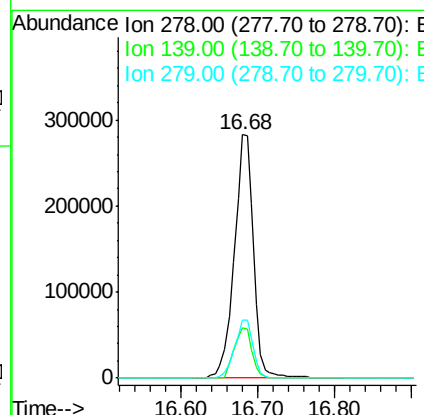
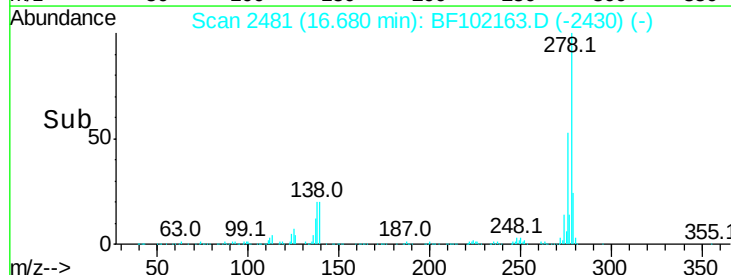
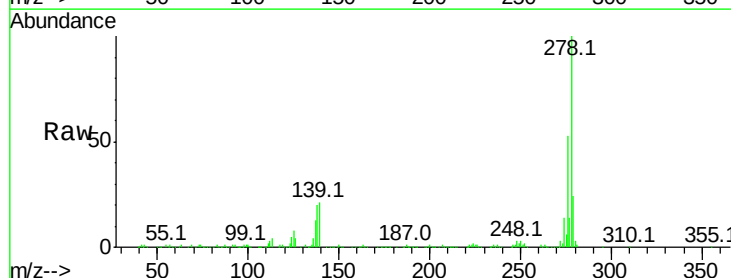
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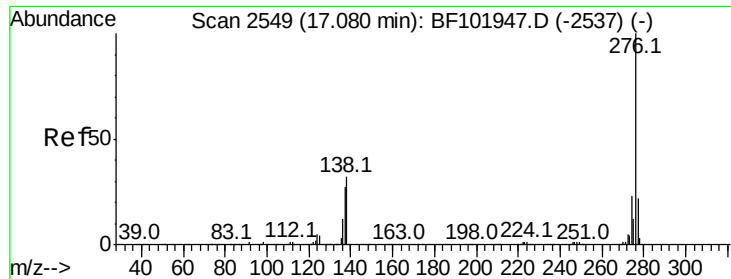
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#90
Dibenzo(a,h)anthracene
Concen: 36.877 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BF102163.D
Acq: 17 Jan 2018 21:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.020 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BF102163.D
 Acq: 17 Jan 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	28.4	21.8	32.8

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