

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101833.D
 Acq On : 29 Dec 2017 17:06
 Operator : SJ/JU
 Sample : I7023-07MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

Manual Integrations
 APPROVED

Quant Time: Dec 30 03:19:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124440	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	400360	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	173996	20.00	ng	0.02
63) Phenanthrene-d10	11.33	188	282067	20.00	ng	0.01
75) Chrysene-d12	13.97	240	267405	20.00	ng	0.00
86) Perylene-d12	15.44	264	288134	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1157536	138.56	ng	0.01
7) Phenol-d6	6.45	99	1248566	120.09	ng	0.01
23) Nitrobenzene-d5	7.36	82	765091	106.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	202372	120.70	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	984909	87.81	ng	0.01
78) Terphenyl-d14	12.90	244	940327	84.77	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	169029	39.377	ng	96
3) Pyridine	3.32	79	390331m	32.728	ng	
4) n-Nitrosodimethylamine	3.28	42	219668	40.003	ng	99
6) Aniline	6.46	93	377900	26.155	ng	# 65
8) 2-Chlorophenol	6.58	128	387029	44.041	ng	98
9) Benzaldehyde	6.35	77	201758	26.276	ng	98
10) Phenol	6.46	94	529087	44.648	ng	77
11) bis(2-Chloroethyl)ether	6.53	93	411168	44.235	ng	96
12) 1,3-Dichlorobenzene	6.73	146	412641	41.604	ng	98
13) 1,4-Dichlorobenzene	6.80	146	430214	42.476	ng	99
14) 1,2-Dichlorobenzene	6.96	146	376872	41.339	ng	99
15) Benzyl Alcohol	6.95	79	281265	39.304	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	587817	41.321	ng	# 43
17) 2-Methylphenol	7.06	107	301043	37.241	ng	# 82
18) Hexachloroethane	7.29	117	136800	38.848	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	278591	40.802	ng	98
20) 3+4-Methylphenols	7.22	107	419151	48.932	ng	94
22) Acetophenone	7.21	105	487249	53.337	ng	# 94
24) Nitrobenzene	7.38	77	387522	48.684	ng	97
25) Isophorone	7.62	82	694252	48.118	ng	# 94
26) 2-Nitrophenol	7.70	139	178718	52.261	ng	# 74
27) 2,4-Dimethylphenol	7.74	122	257537	44.329	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	390097	42.564	ng	91
29) 2,4-Dichlorophenol	7.96	162	312083	54.373	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	248600	41.043	ng	97
31) Naphthalene	8.10	128	1449035	71.892	ng	98
32) Benzoic acid	7.87	122	37854	16.027	ng	# 1
33) 4-Chloroaniline	8.17	127	196909	22.477	ng	96
34) Hexachlorobutadiene	8.20	225	165166	47.146	ng	99
35) Caprolactam	8.54	113	41601	20.873	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	234679	37.200	ng	98
37) 2-Methylnaphthalene	8.80	142	1801864	137.214	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	225212	38.337	ng	98
40) Hexachlorocyclopentadiene	8.93	237	359	11.723	ng	81

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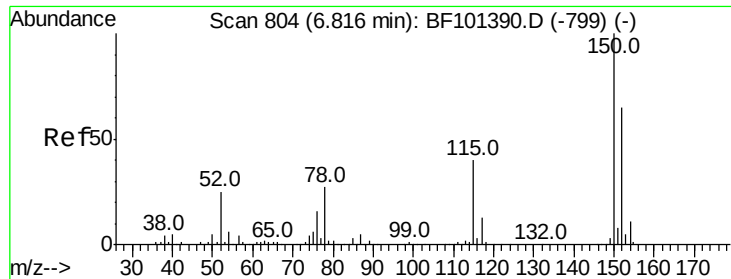
Instrument :
 BNA_F
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Manual Integrations
 APPROVED

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	9.09	196	110862	31.347	nq		99
43) 2,4,5-Trichlorophenol	9.15	196	126311	32.618	nq	#	77
45) 1,1'-Biphenyl	9.26	154	800754	51.893	nq		98
46) 2-Chloronaphthalene	9.29	162	412046	34.899	nq		98
47) 2-Nitroaniline	9.40	65	152498	37.388	nq		88
48) Acenaphthylene	9.71	152	628904	33.723	nq		96
49) Dimethylphthalate	9.56	163	442185	31.595	nq	#	98
50) 2,6-Dinitrotoluene	9.64	165	93408	32.838	nq	#	80
51) Acenaphthene	9.87	154	418639	37.364	nq		90
52) 3-Nitroaniline	9.81	138	93170	26.272	nq	#	96
53) 2,4-Dinitrophenol	9.97	184	9545m	18.712	nq		
54) Dibenzofuran	10.05	168	544311	38.228	nq	#	91
55) 4-Nitrophenol	10.00	139	84942	54.929	nq	#	68
56) 2,4-Dinitrotoluene	10.06	165	196996	61.469	nq	#	95
57) Fluorene	10.39	166	551127	45.755	nq	#	95
58) 2,3,4,6-Tetrachlorophenol	10.18	232	104293	37.486	nq	#	91
59) Diethylphthalate	10.26	149	472485	34.091	nq		94
60) 4-Chlorophenyl-phenylether	10.37	204	211458	36.630	nq		98
61) 4-Nitroaniline	10.43	138	113247	31.769	nq		100
62) Azobenzene	10.54	77	459361	31.995	nq		84
64) 4,6-Dinitro-2-methylphenol	10.49	198	11043	7.672	nq	#	1
65) n-Nitrosodiphenylamine	10.50	169	576116m	55.315	nq		
66) 4-Bromophenyl-phenylether	10.86	248	135966	42.900	nq		95
67) Hexachlorobenzene	10.96	284	131930	39.331	nq		91
68) Atrazine	11.03	200	154176	49.645	nq		96
69) Pentachlorophenol	11.15	266	75587	59.754	nq		99
70) Phenanthrene	11.36	178	952139	60.699	nq		99
71) Anthracene	11.41	178	657791m	41.053	nq		
72) Carbazole	11.57	167	566712	37.777	nq		98
73) Di-n-butylphthalate	11.87	149	801119	43.998	nq		99
74) Fluoranthene	12.54	202	704292	42.775	nq		99
76) Benzidine	12.66	184	302491	26.784	nq		98
77) Pyrene	12.77	202	729202	36.335	nq		100
79) Butylbenzylphthalate	13.36	149	346550	38.164	nq		95
80) Benzo(a)anthracene	13.96	228	674690	38.211	nq		100
81) 3,3'-Dichlorobenzidine	13.92	252	202790	35.222	nq	#	97
82) Chrysene	14.00	228	650581	39.023	nq		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	442897	38.507	nq		99
84) Di-n-octyl phthalate	14.52	149	797010	38.856	nq		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	621546	41.866	nq		96
87) Benzo(b)fluoranthene	15.01	252	715985	40.768	nq		98
88) Benzo(k)fluoranthene	15.04	252	595209	34.858	nq		98
89) Benzo(a)pyrene	15.38	252	632530	39.069	nq		99
90) Dibenzo(a,h)anthracene	16.92	278	526050	37.844	nq		100
91) Benzo(g,h,i)perylene	17.37	276	511137	37.135	nq		95

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



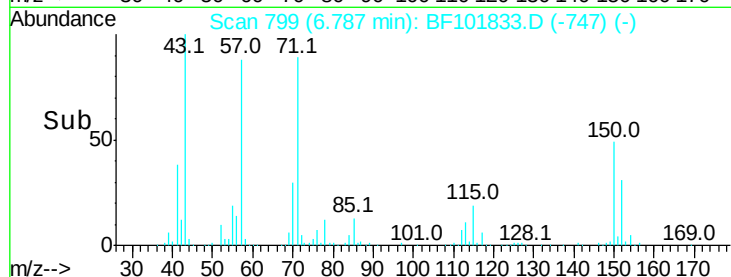
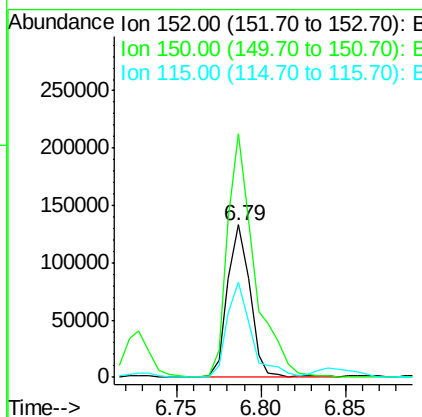
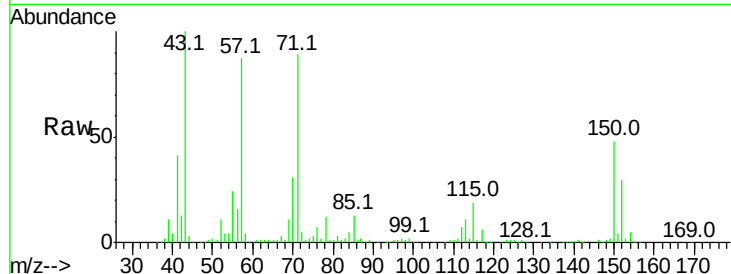
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

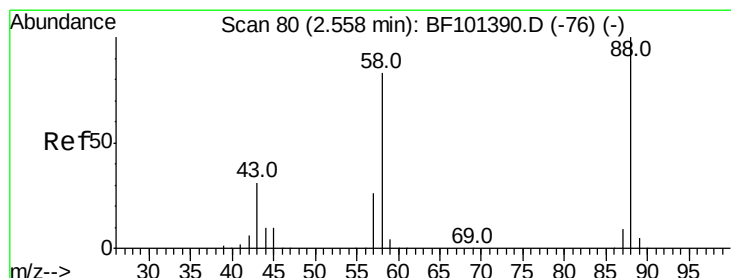
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	62.7	50.1	75.1

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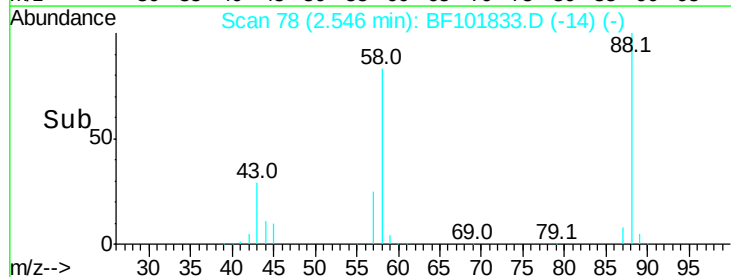
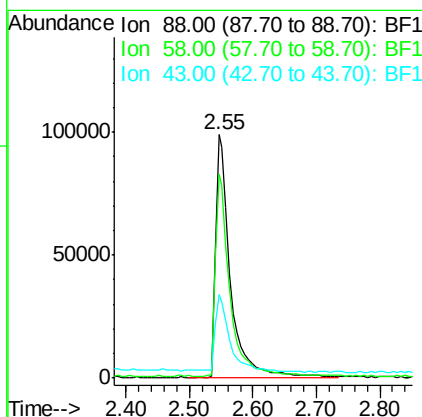
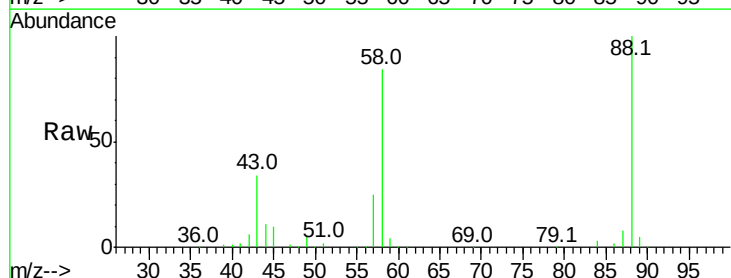
1/2/2018 1:05:06 PM

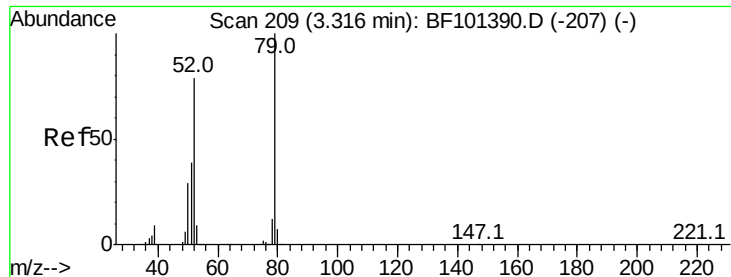


#2

1,4-Dioxane
Concen: 39.377 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.08 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	62.6	93.8
43	29.3	24.6	37.0



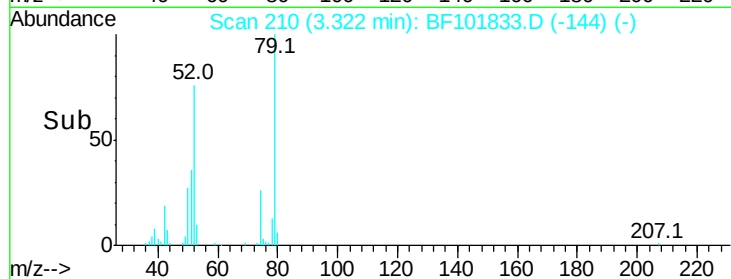
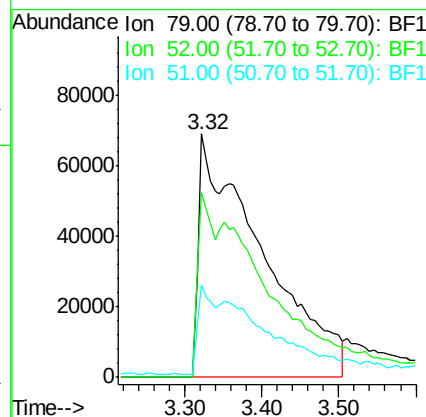
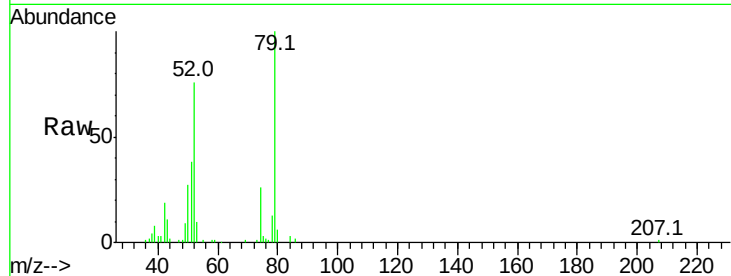


#3
Pvridine
Concen: 32.728 ng/ml
RT: 3.32 min Scan# 210
Delta R.T. 0.09 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

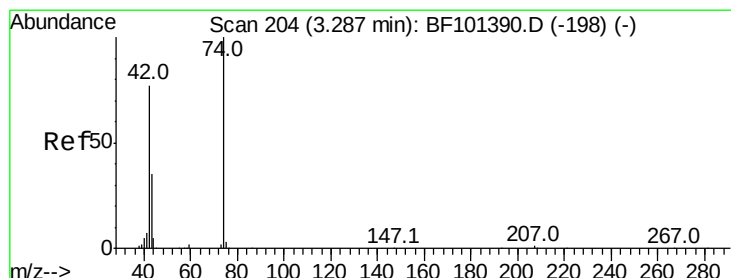
Tot Ion	Ratio	Lower	Upper
79	100		
52	75.7	59.8	89.6
51	38.0	29.8	44.8

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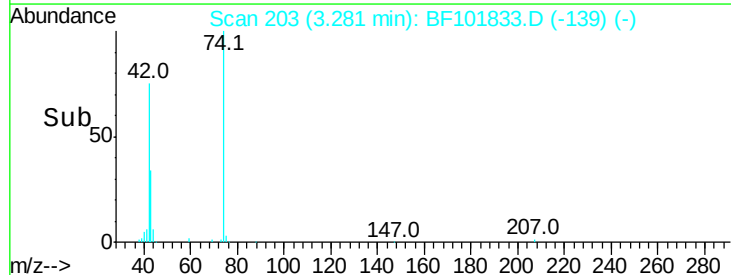
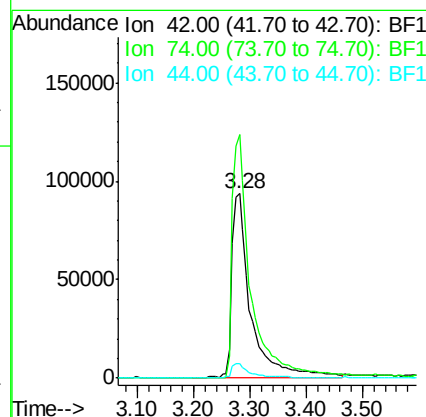
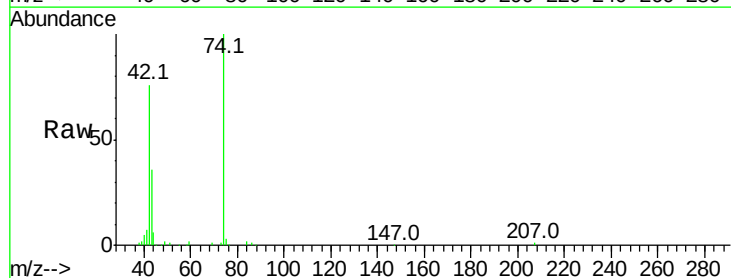
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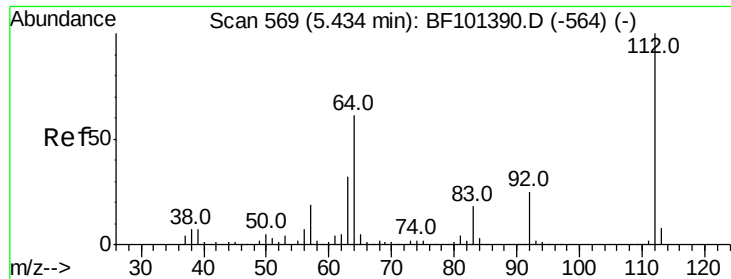
1/2/2018 1:05:06 PM



#4
n-Nitrosodimethylamine
Concen: 40.003 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.08 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 138.560 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

BNA_F

ClientSampled :

LB-4MSD

Tot Ion:112 Resp: 1157536

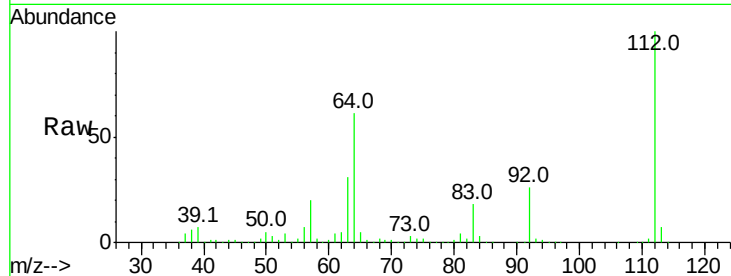
Ion Ratio Lower Upper

112 100

64 61.4 47.9 71.9

63 31.4 23.7 35.5

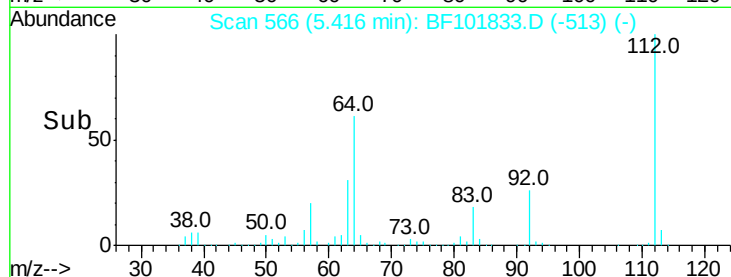
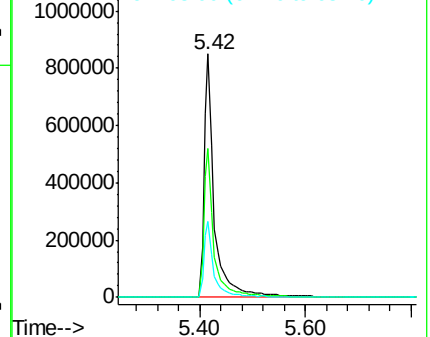
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Abundance Ion 112.00 (111.70 to 112.70): E

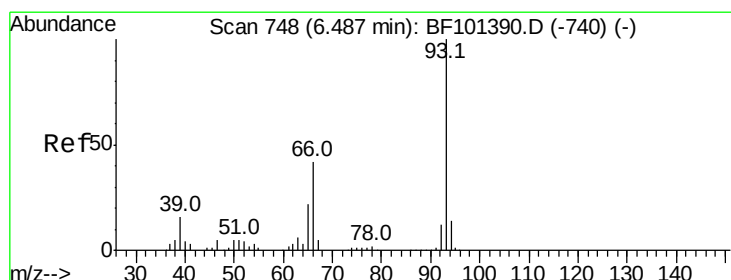
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 26.155 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

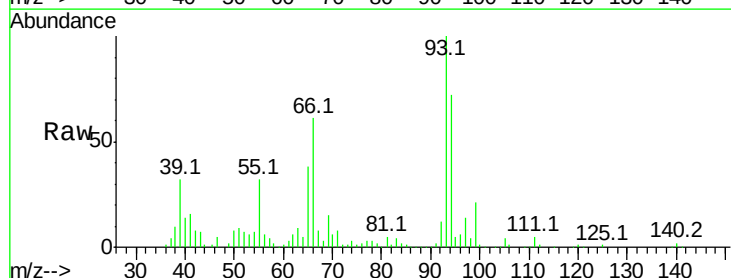
Tgt Ion: 93 Resp: 377900

Ion Ratio Lower Upper

93 100

66 61.1 32.2 48.2#

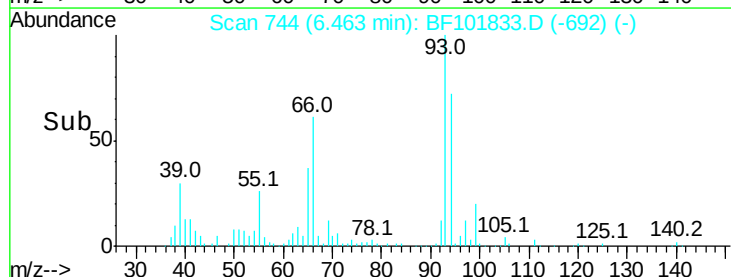
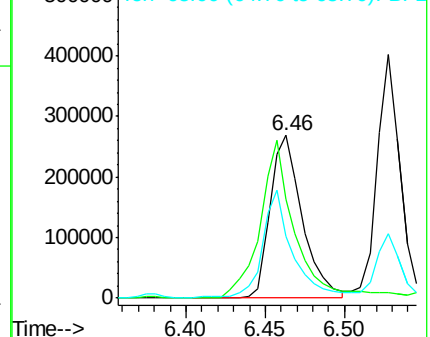
65 37.7 16.4 24.6#

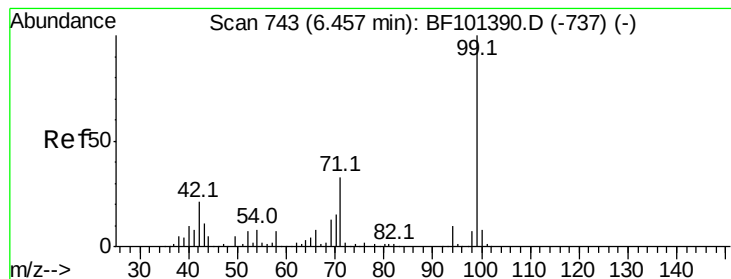


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.090 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

BNA_F

ClientSampleId :

LB-4MSD

Tot Ion: 99 Resp: 1248566

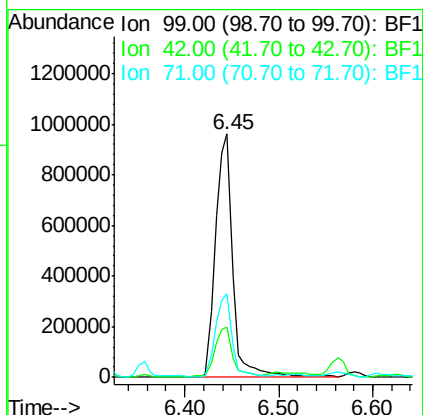
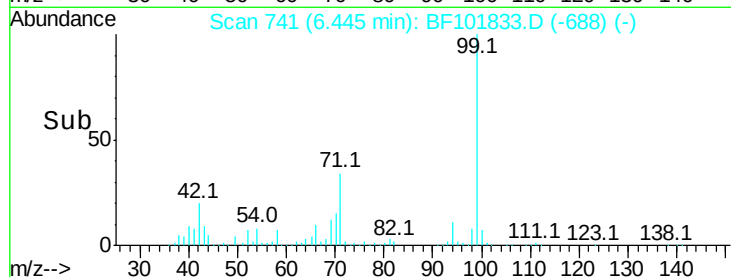
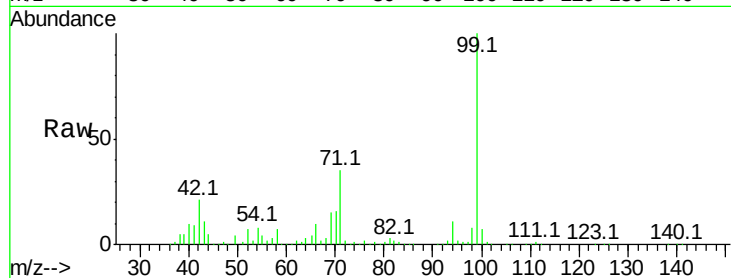
Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

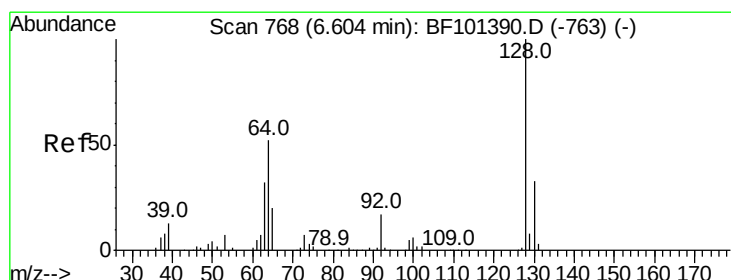
71 34.5 25.4 38.0

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#8

2-Chlorophenol

Concen: 44.041 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

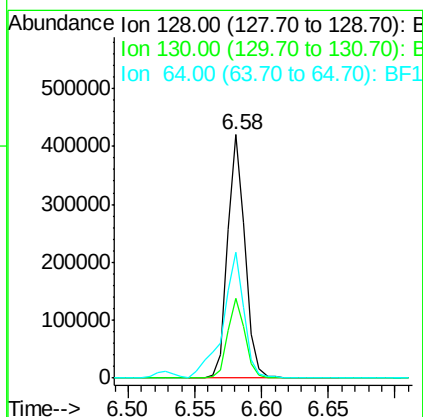
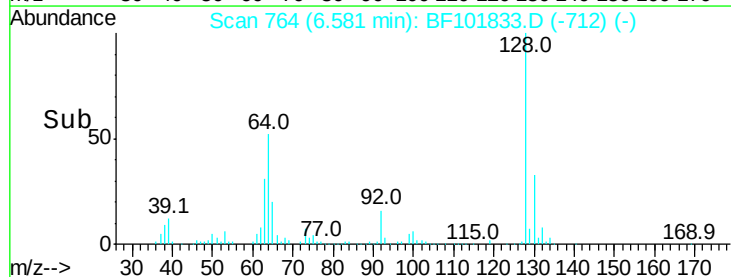
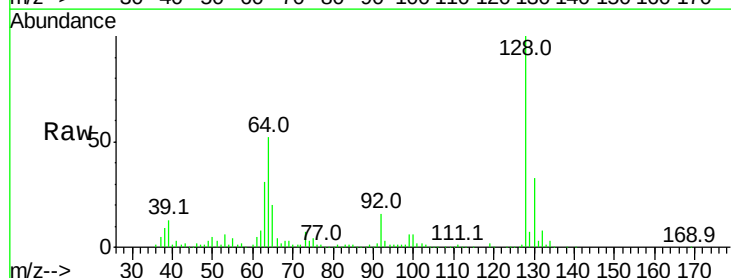
Tgt Ion: 128 Resp: 387029

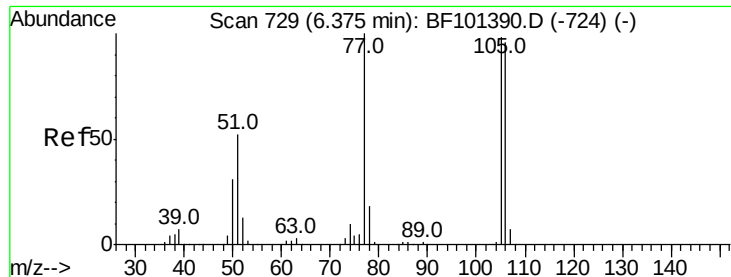
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 51.5 29.4 69.4





#9

Benzaldehyde

Concen: 26.276 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

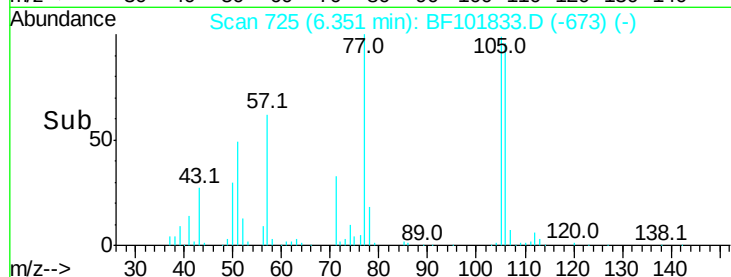
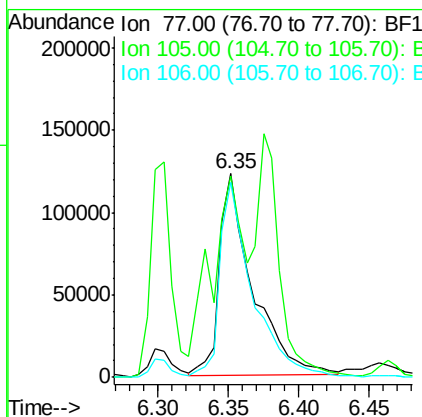
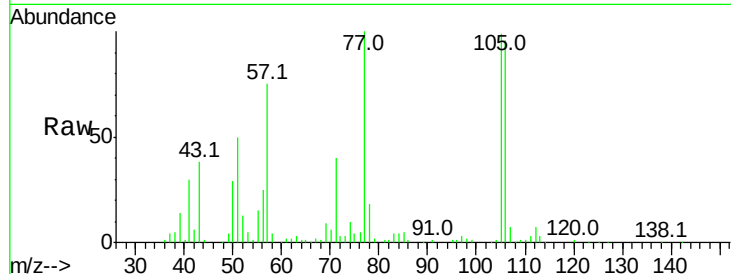
BNA_F

ClientSampled :

LB-4MSD

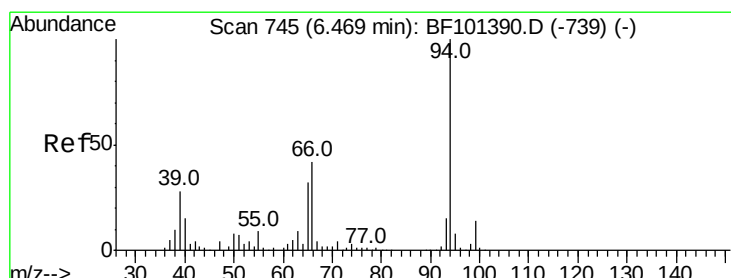
Tot Ion:	77	Resp:	201758
Ion	Ratio	Lower	Upper
77	100		
105	99.0	81.1	121.1
106	95.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.648 ng

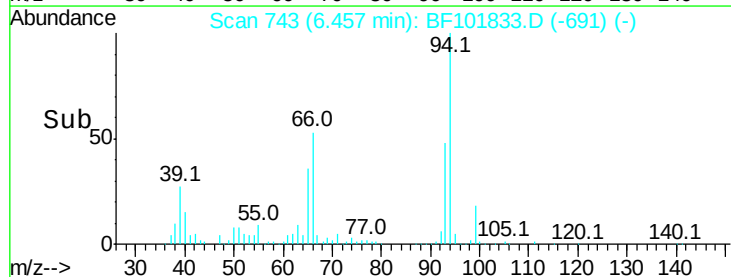
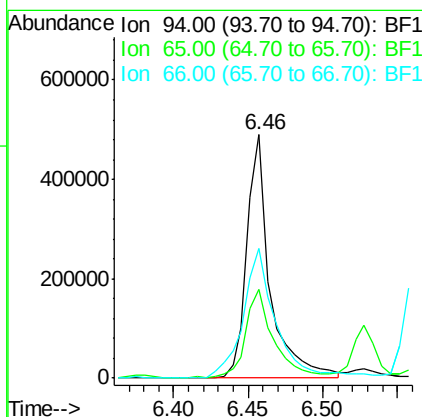
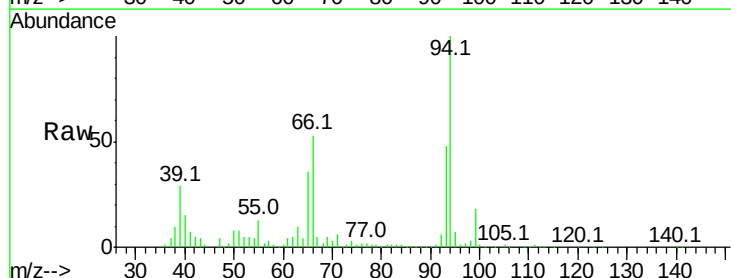
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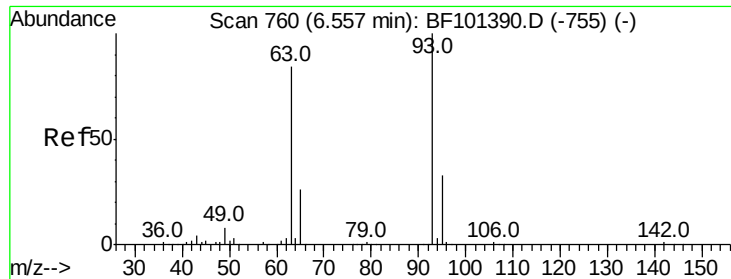
Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	94	Resp:	529087
Ion	Ratio	Lower	Upper
94	100		
65	36.3	7.9	47.9
66	53.2	16.2	56.2



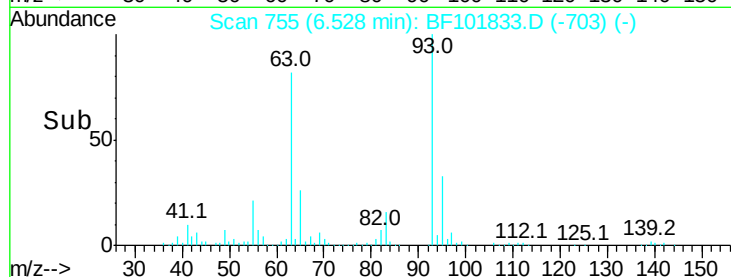
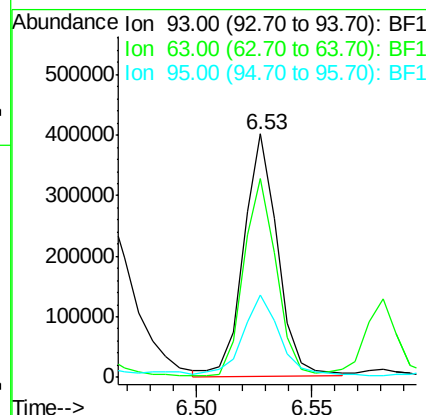
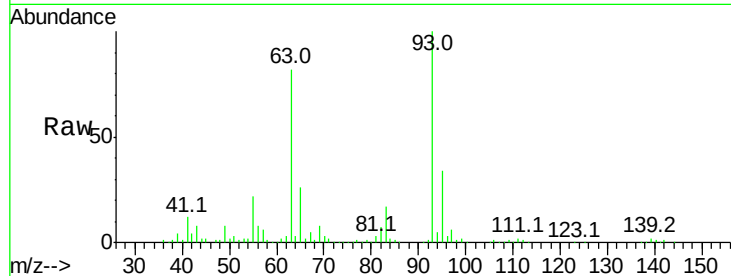


#11
bis(2-Chloroethyl)ether
Concen: 44.235 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

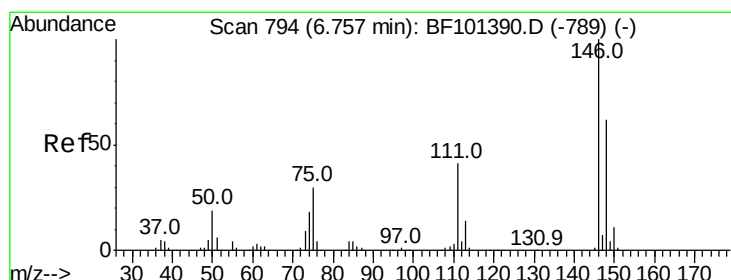
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.7	58.6	98.6
95	33.8	11.8	51.8

Manual Integrations
APPROVED



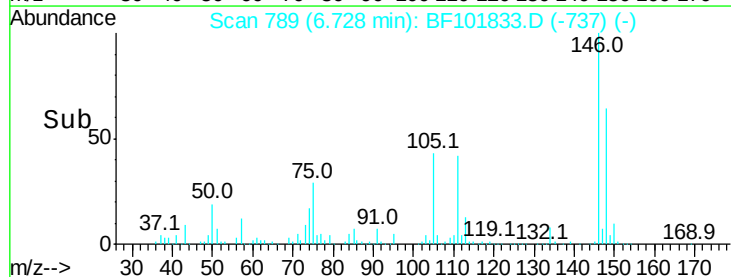
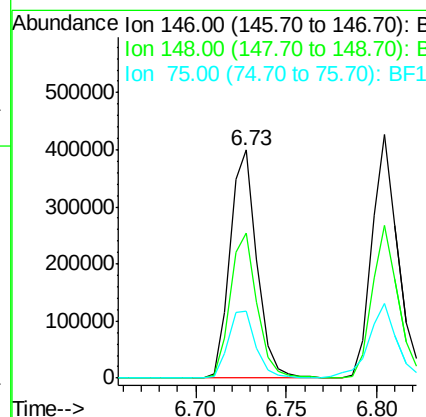
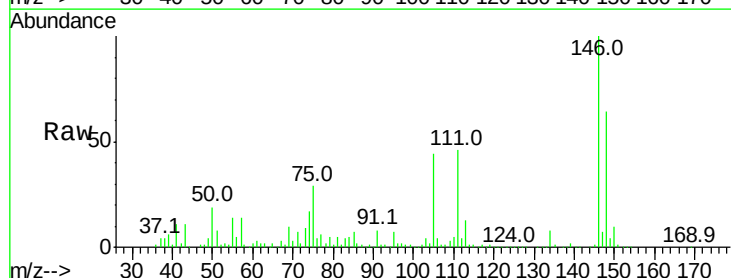
Sohil

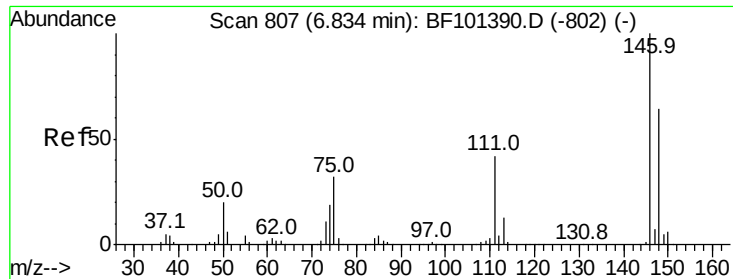
1/2/2018 1:05:06 PM



#12
1,3-Dichlorobenzene
Concen: 41.604 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	29.2	24.2	36.4



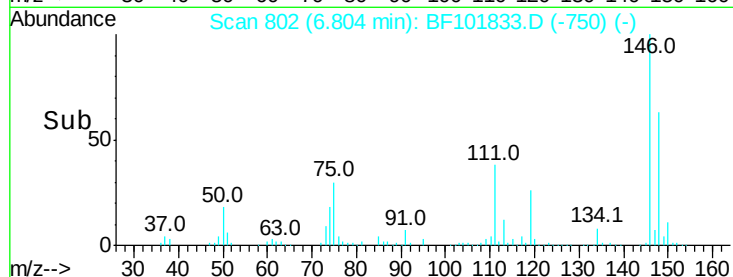
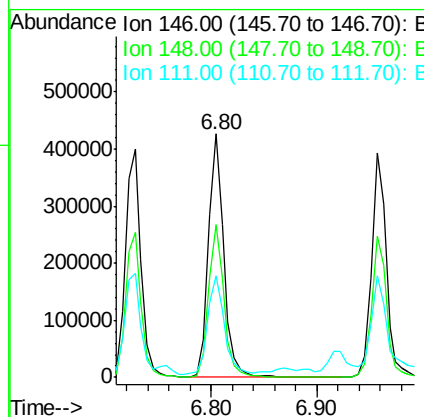
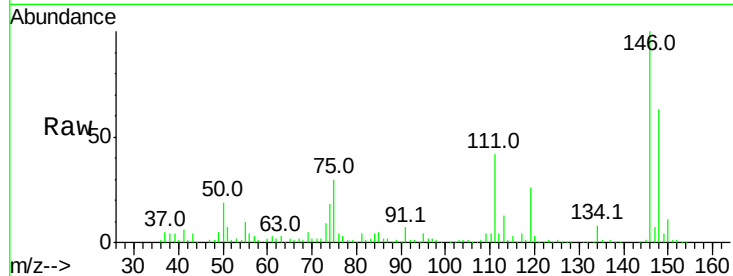


#13
 1,4-Dichlorobenzene
 Concen: 42.476 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

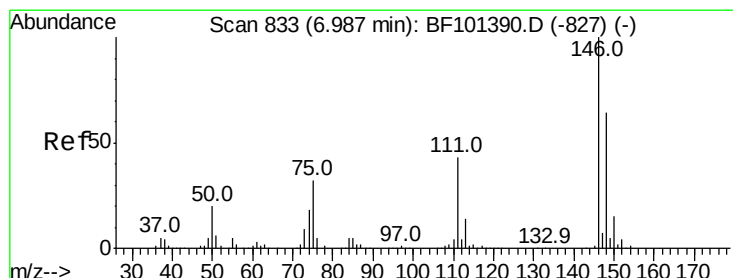
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.9	34.2	51.2

Manual Integrations
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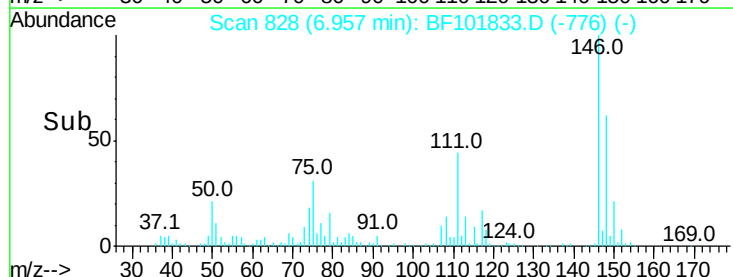
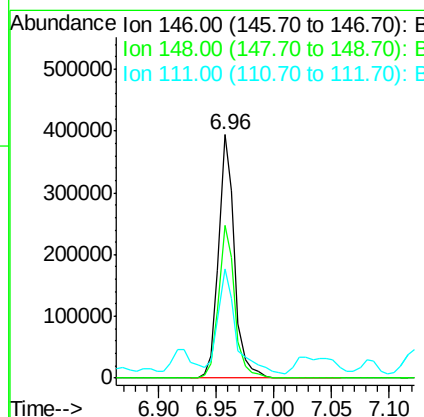
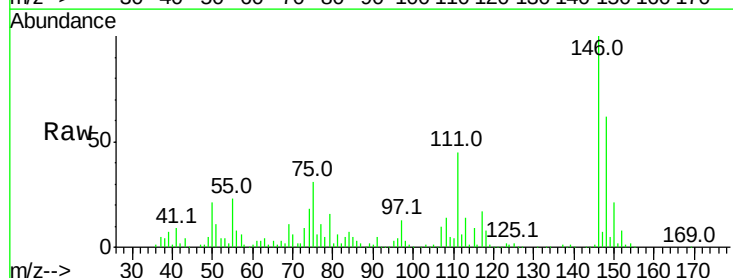
Sohil

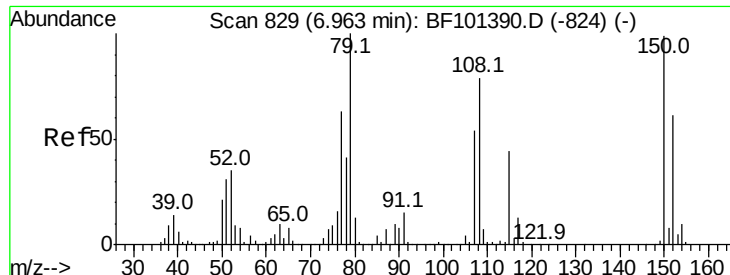
1/2/2018 1:05:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.339 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	75.8
111	44.9	36.0	54.0



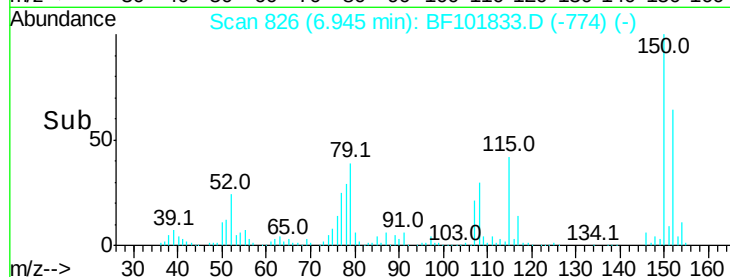
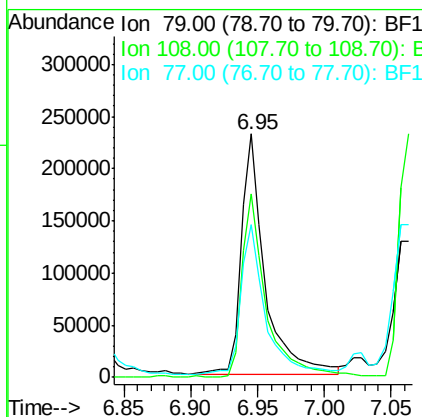
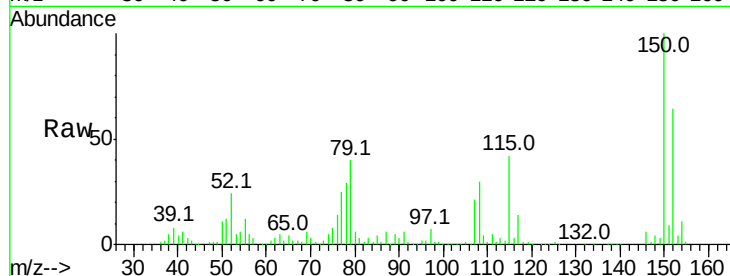


#15
Benzyl Alcohol
Concen: 39.304 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

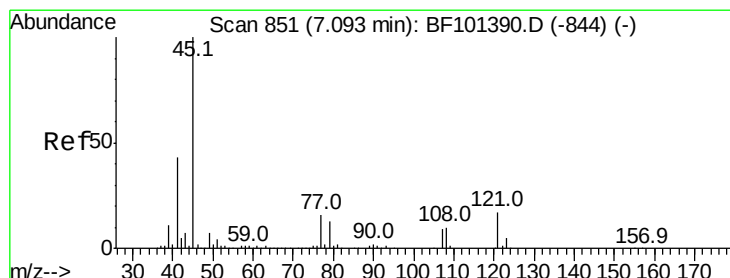
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	65.1	97.7
77	63.1	50.6	75.8

Manual Integrations
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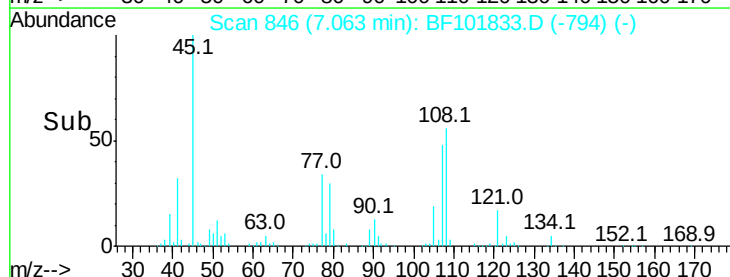
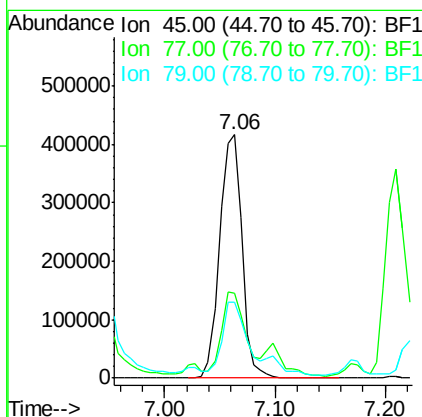
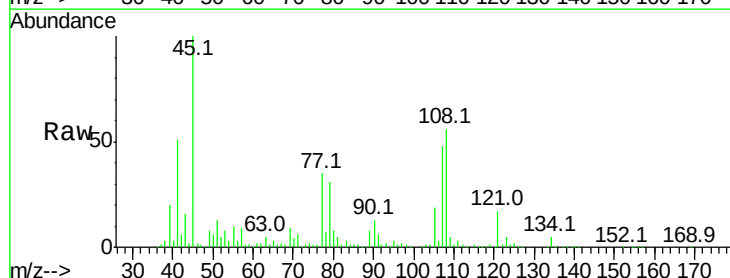
Sohil

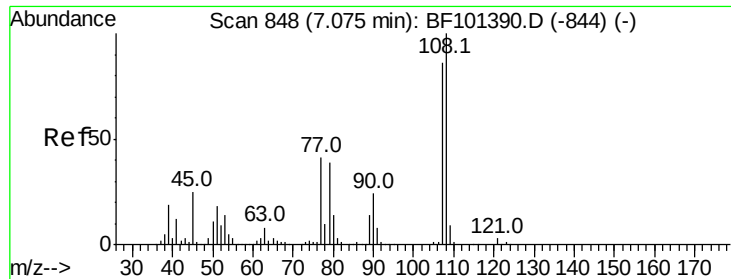
1/2/2018 1:05:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.321 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.0	0.0	32.9#
79	31.4	0.0	29.6#



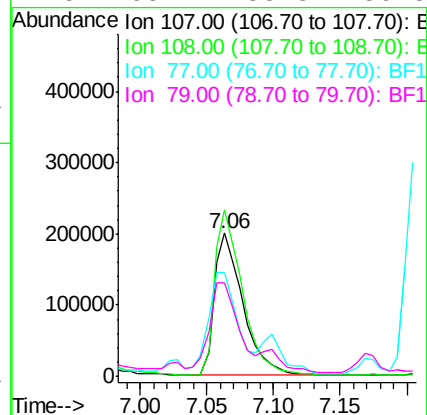
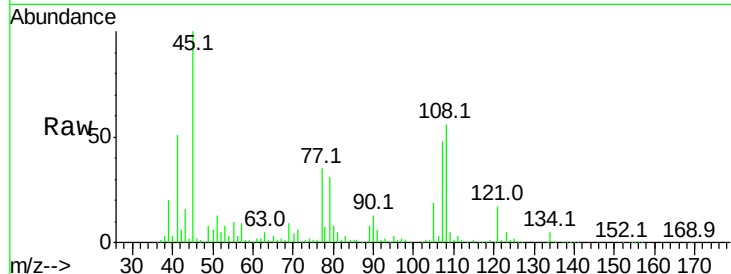


#17
2-Methylphenol
Concen: 37.241 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

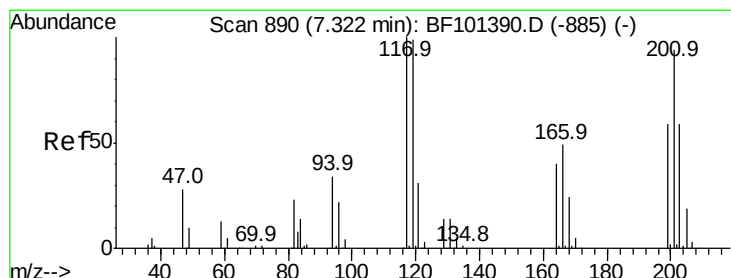
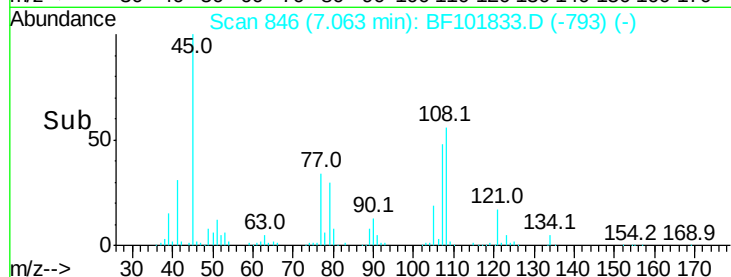
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	91.7	137.5	
77	72.5	33.8	50.8#	
79	65.1	33.8	50.8#	

Manual Integrations
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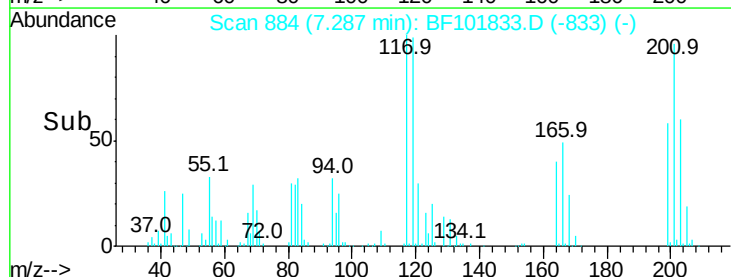
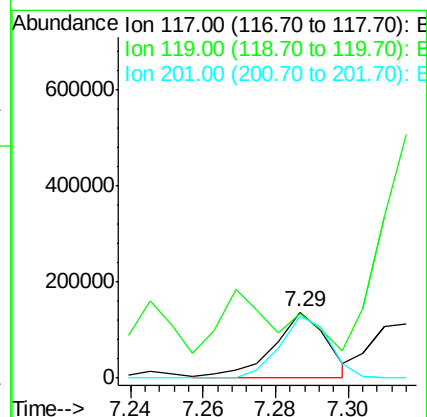
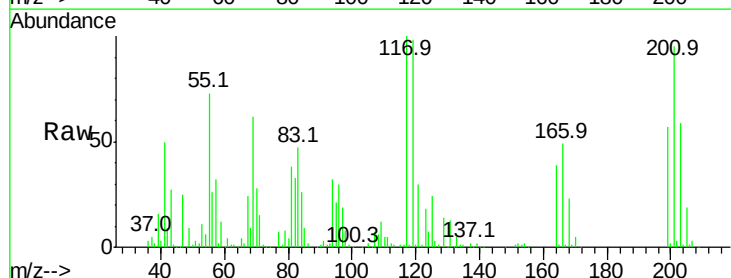
Sohil

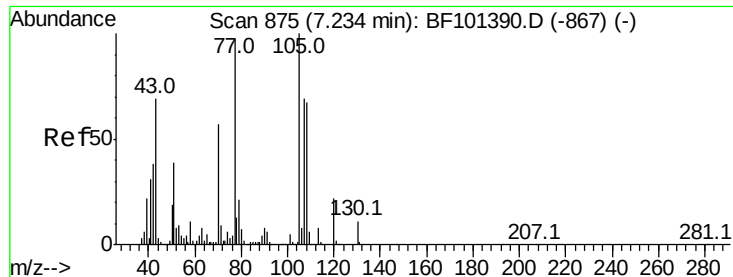
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#18
Hexachloroethane
Concen: 38.848 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	75.8	113.8	
201	94.6	75.7	113.5	



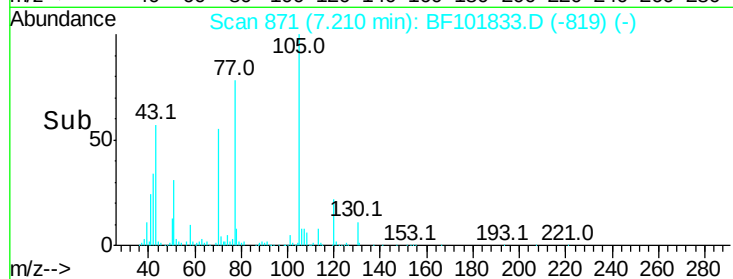
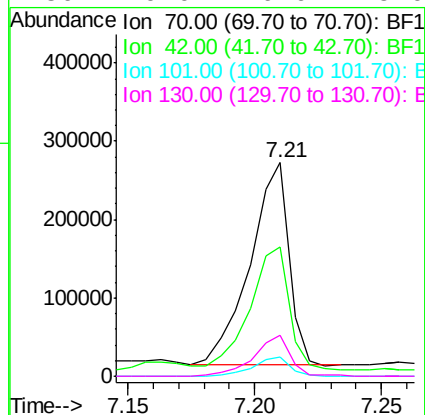
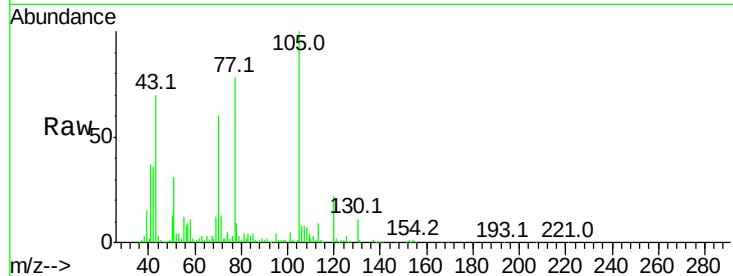


#19
n-Nitroso-di-n-propylamine
Concen: 40.802 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

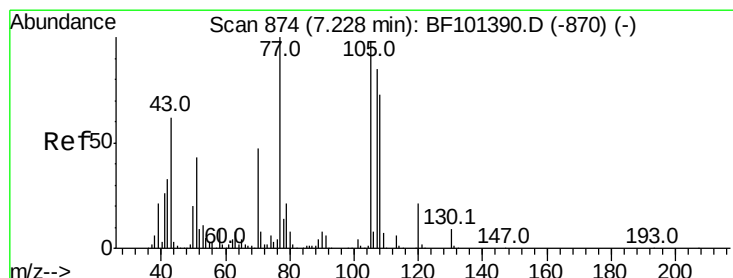
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	47.5	71.3	
101	8.8	7.4	11.2	
130	19.0	16.6	25.0	

Manual Integrations
APPROVED



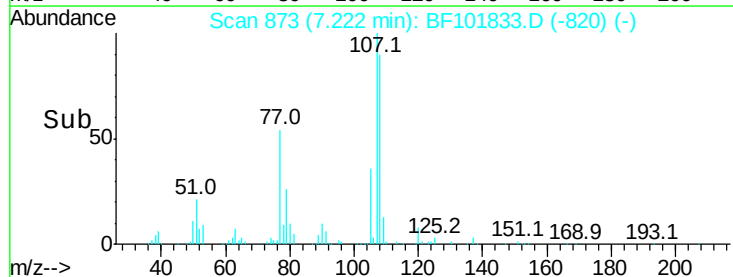
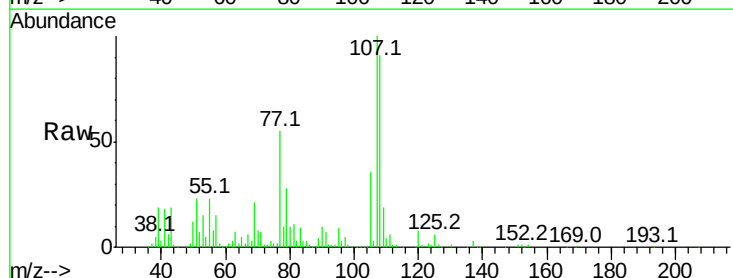
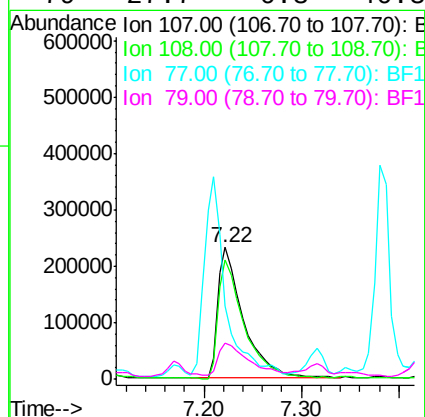
Sohil

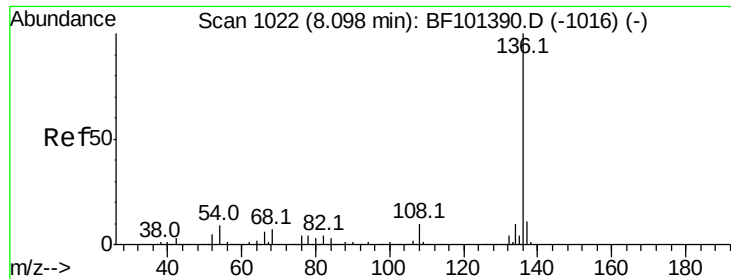
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#20
3+4-Methylphenols
Concen: 48.932 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	68.2	108.2	
77	55.2	26.7	66.7	
79	27.7	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

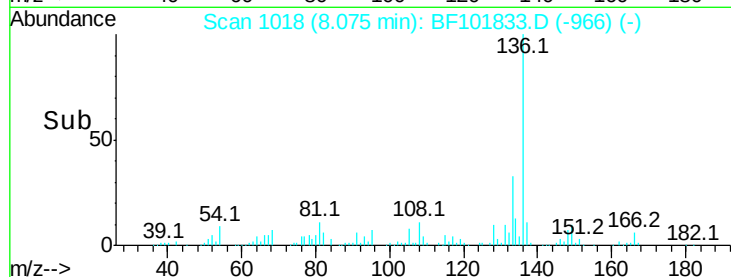
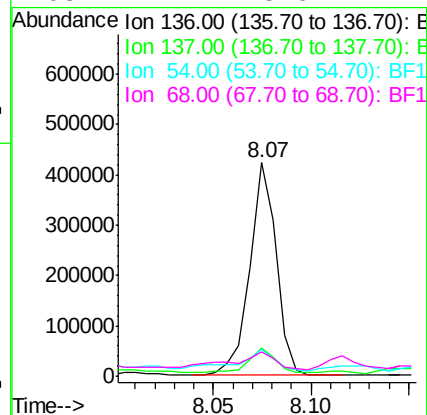
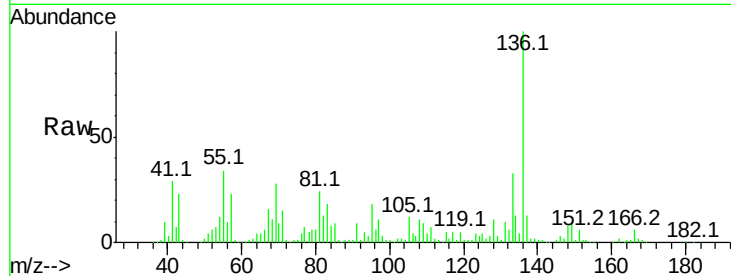
BNA_F

ClientSampleId :

LB-4MSD

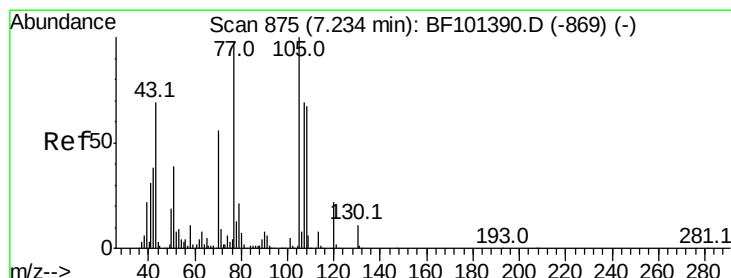
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.9	8.9	13.3	
54	12.3	6.6	9.8#	
68	11.2	5.0	7.4#	

Manual Integrations
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Sohil

1/2/2018 1:05:06 PM



#22

Acetophenone

Concen: 53.337 ng

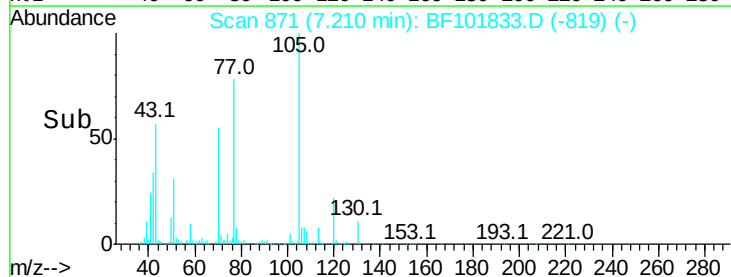
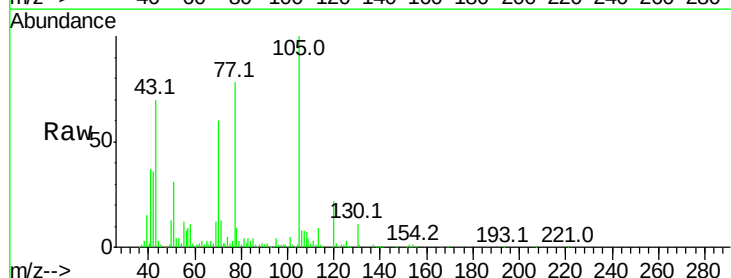
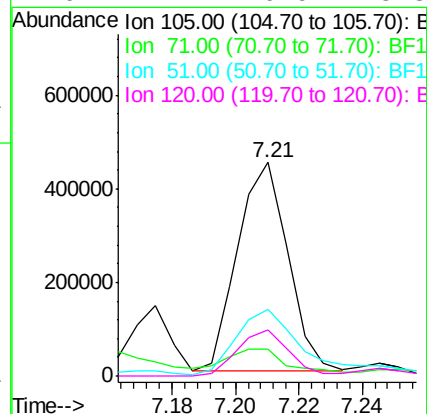
RT: 7.21 min Scan# 871

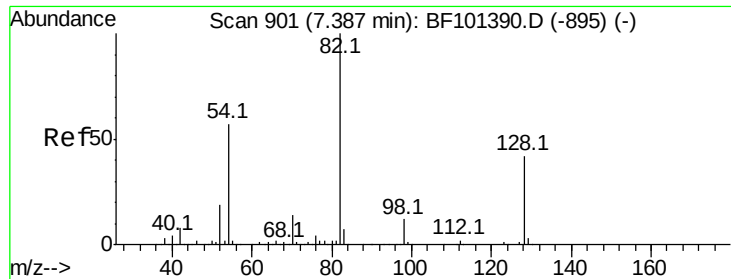
Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	12.7	4.4	6.6#	
51	31.0	22.3	33.5	
120	21.7	16.9	25.3	



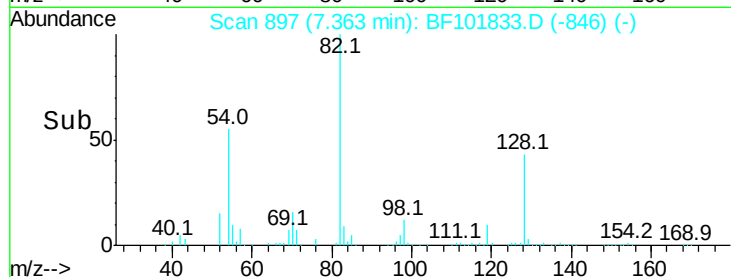
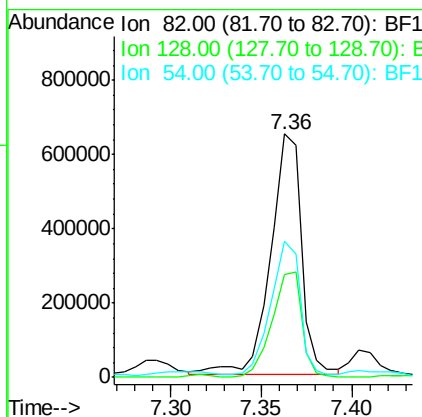
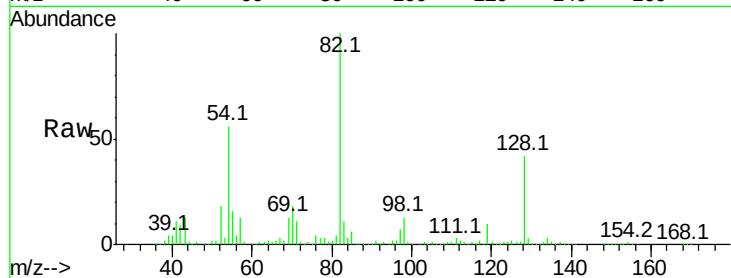


#23
Nitrobenzene-d5
Concen: 106.378 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

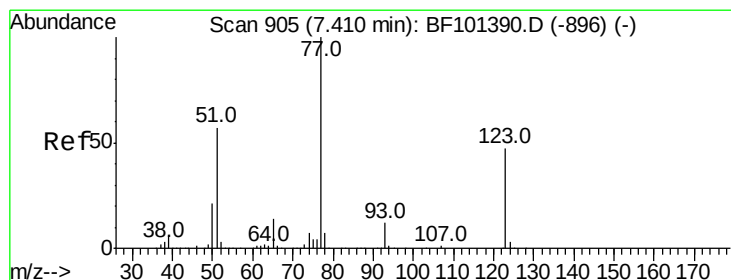
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	56.1	41.4	62.2

Manual Integrations
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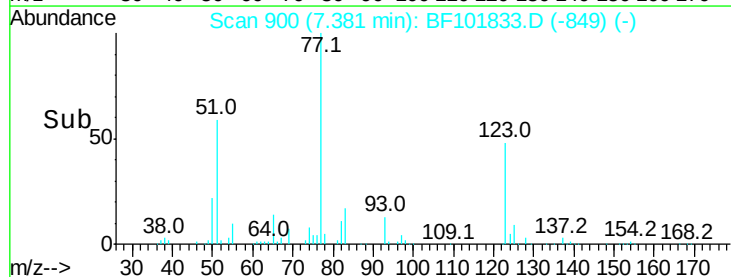
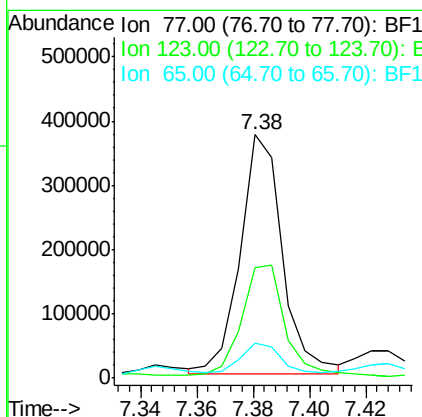
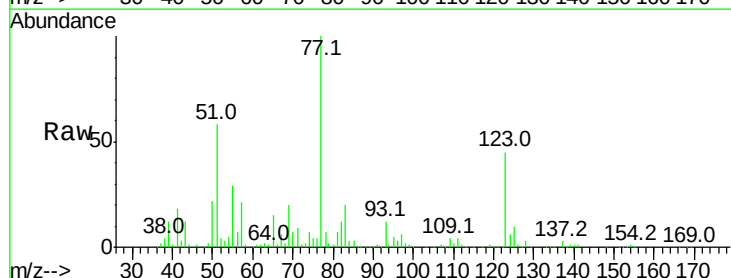
Sohil

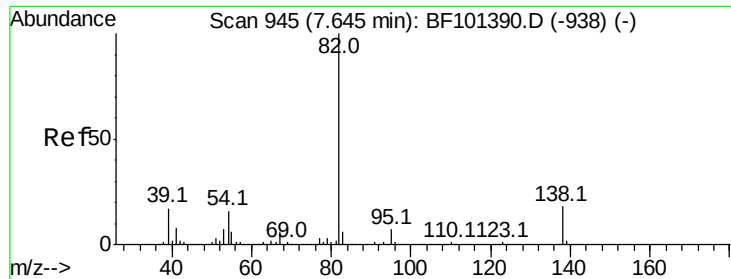
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#24
Nitrobenzene
Concen: 48.684 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 48.118 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

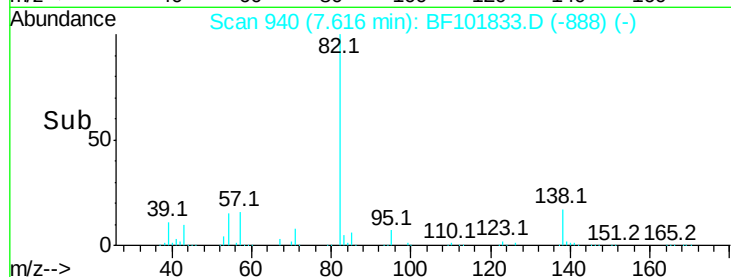
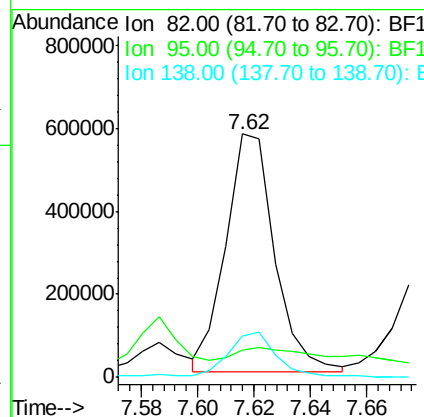
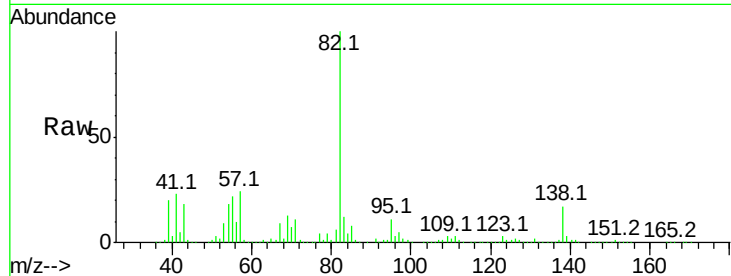
BNA_F

ClientSampled :

LB-4MSD

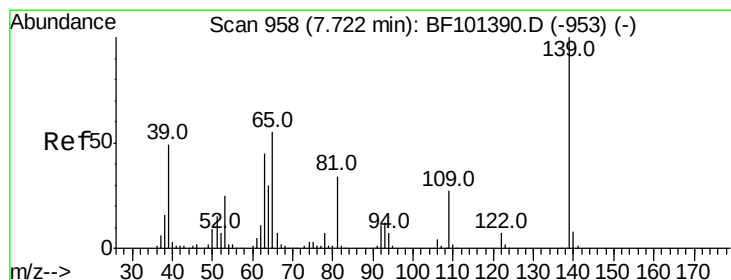
Tot Ion:	82	Resp:	694252
Ion Ratio	Lower	Upper	
82	100		
95	11.4	5.2	7.8#
138	17.2	14.9	22.3

Manual Integrations
APPROVED



Sohil

1/2/2018 1:05:06 PM



#26

2-Nitrophenol

Concen: 52.261 ng

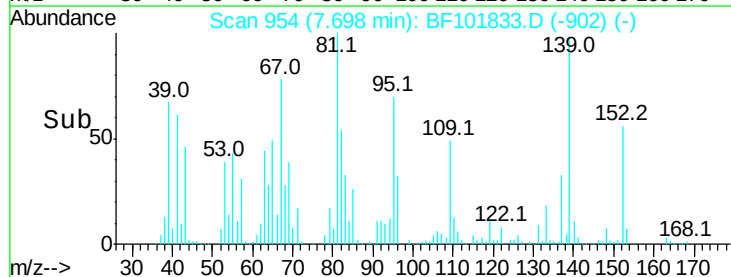
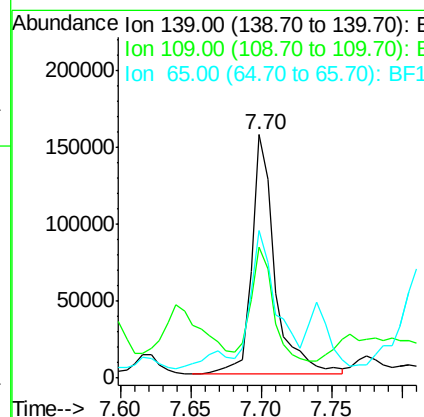
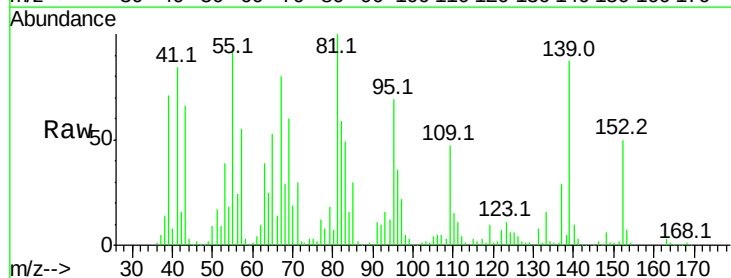
RT: 7.70 min Scan# 954

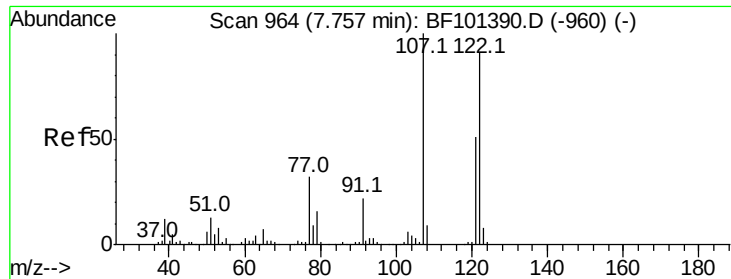
Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	139	Resp:	178718
Ion Ratio	Lower	Upper	
139	100		
109	53.8	22.7	34.1#
65	60.5	40.5	60.7



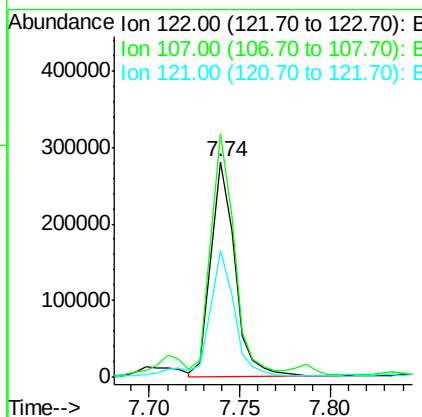
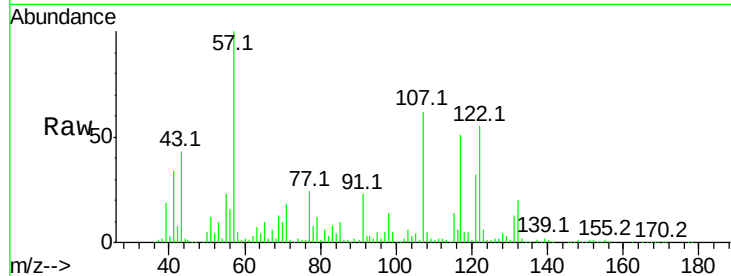


#27
 2,4-Dimethylphenol
 Concen: 44.329 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

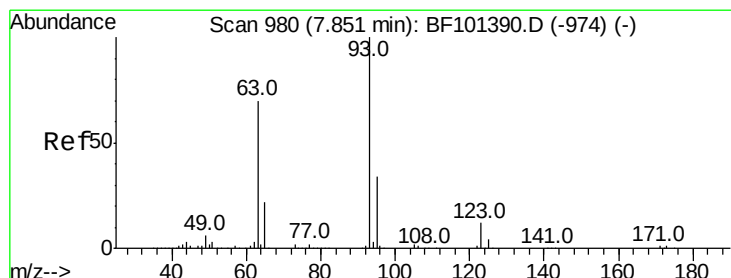
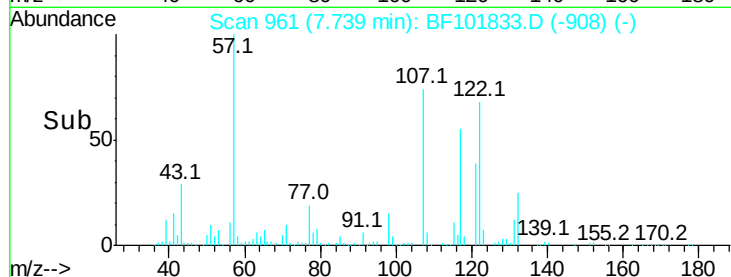
Tot Ion	Ratio	Resp	Lower	Upper
122	100	257537		
107	112.8		91.2	136.8
121	59.0		47.2	70.8

Manual Integrations
 APPROVED



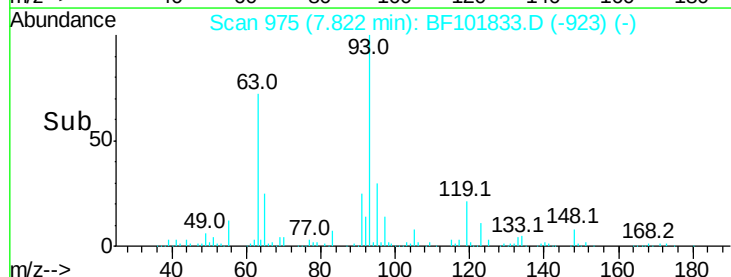
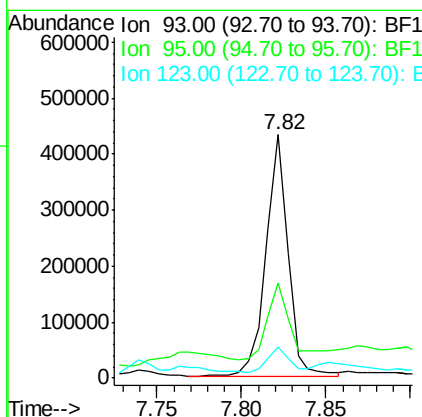
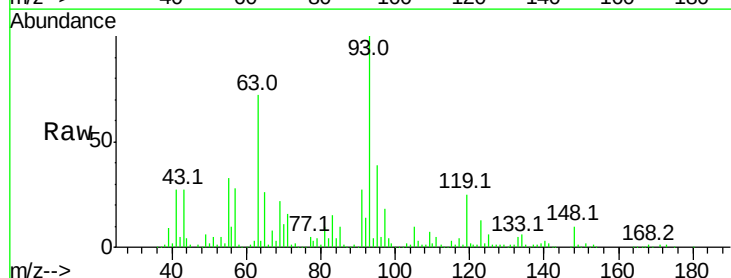
Sohil

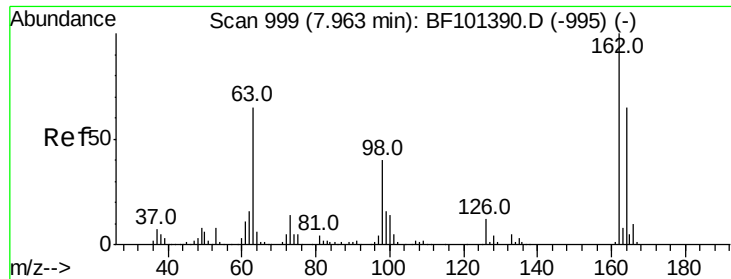
1/2/2018 1:05:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.564 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	390097		
95	39.1		26.3	39.5
123	12.9		9.8	14.6



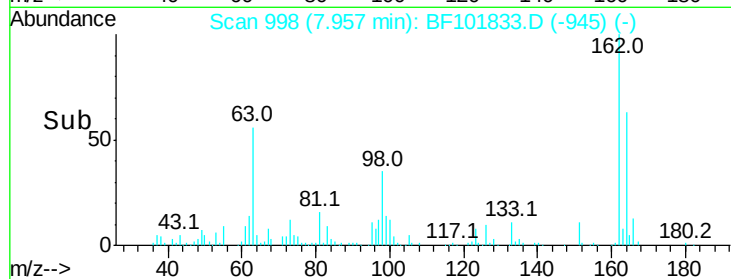
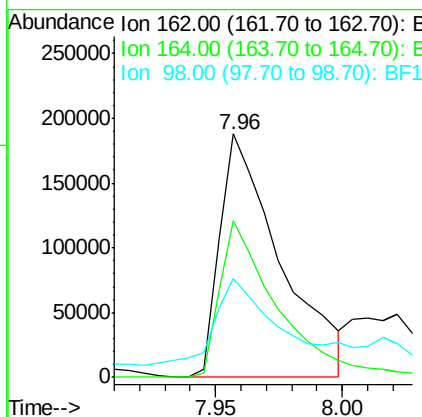
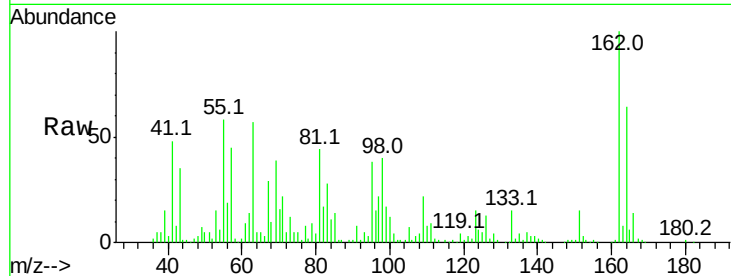


#29
2,4-Dichlorophenol
Concen: 54.373 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

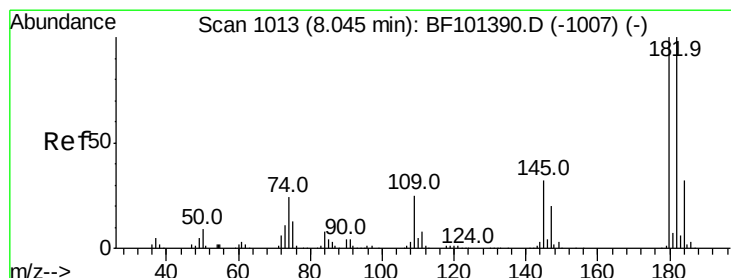
Tot Ion	Ratio	Resp	Lower	Upper
162	100	312083		
164	64.2		42.7	82.7
98	40.5		18.1	58.1

Manual Integrations
APPROVED



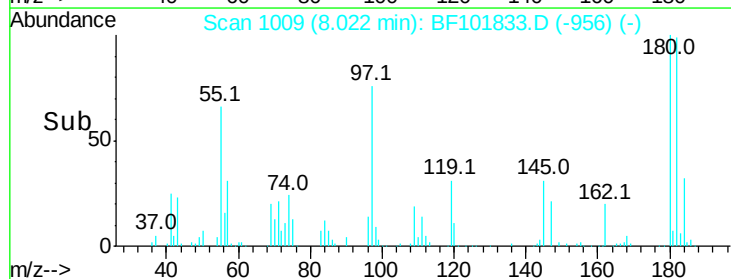
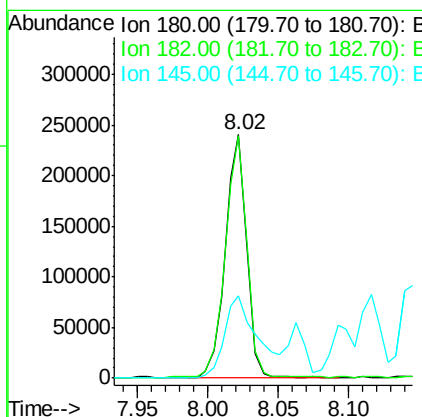
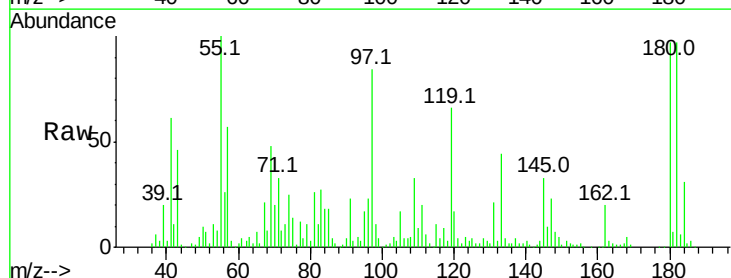
Sohil

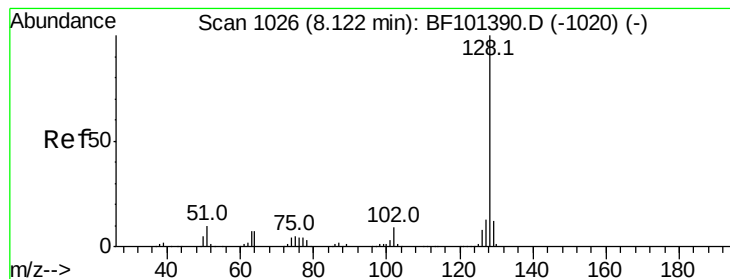
1/2/2018 1:05:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.043 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	248600		
182	99.4		76.8	115.2
145	33.7		26.5	39.7





#31

Naphthalene

Concen: 71.892 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

BNA_F

ClientSampled :

LB-4MSD

Tot Ion:128 Resp: 1449035

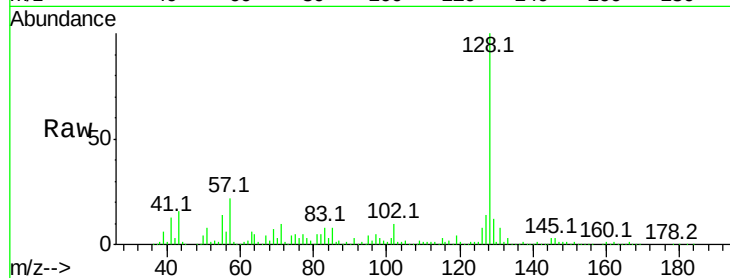
Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

127 14.2 10.9 16.3

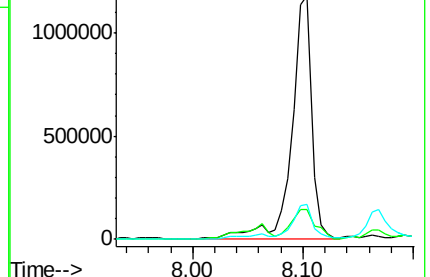
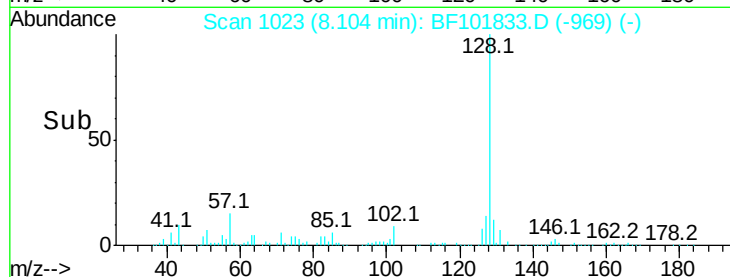
Manual Integrations
APPROVED



Abundance Ion 128.00 (127.70 to 128.70): E

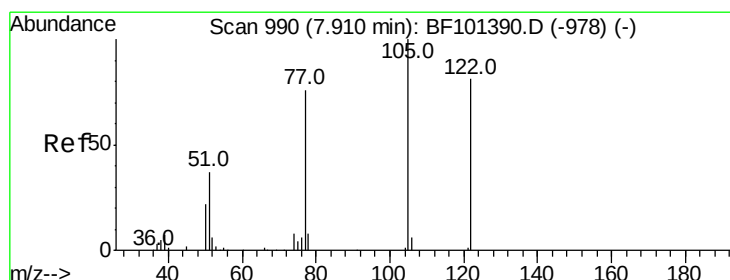
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 16.027 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

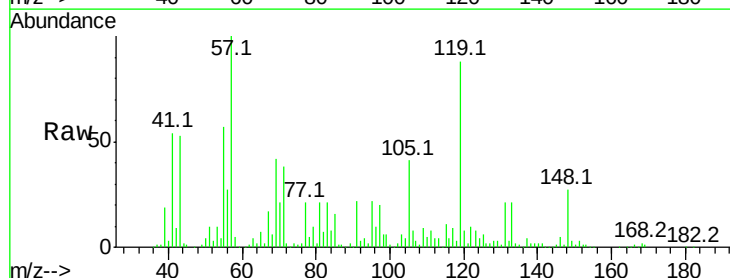
Tgt Ion:122 Resp: 37854

Ion Ratio Lower Upper

122 100

105 417.5 101.1 141.1#

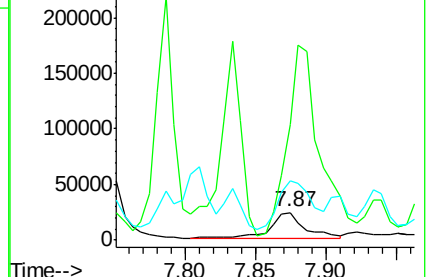
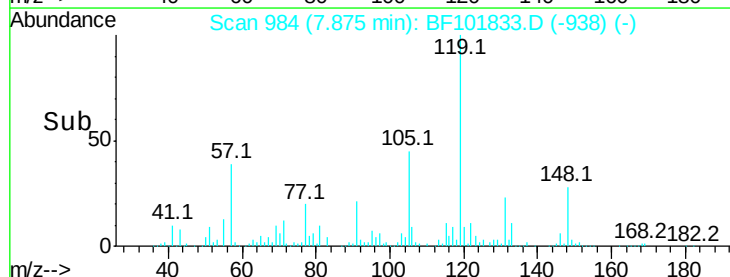
77 213.1 70.7 110.7#

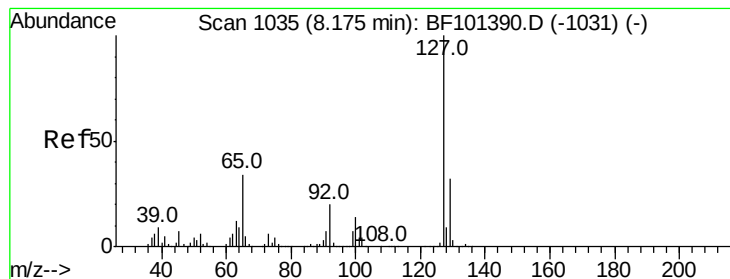


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



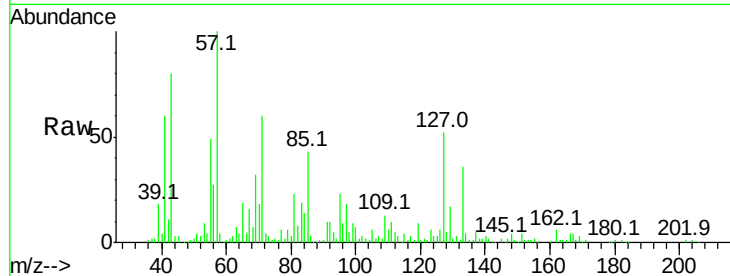


#33
4-Chloroaniline
Concen: 22.477 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		196909		
129	31.8	25.9	38.9		
65	35.7	25.0	37.4		
92	19.2	15.2	22.8		

Manual Integrations
APPROVED



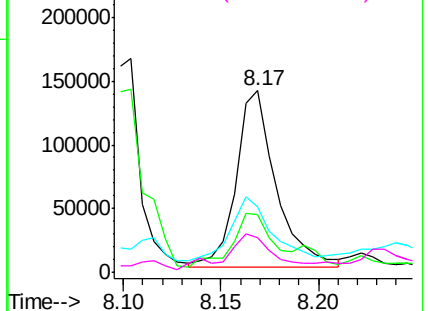
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

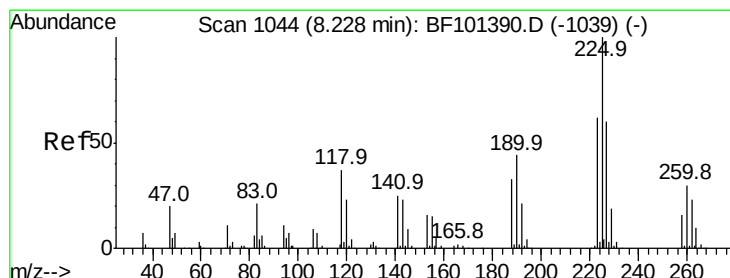
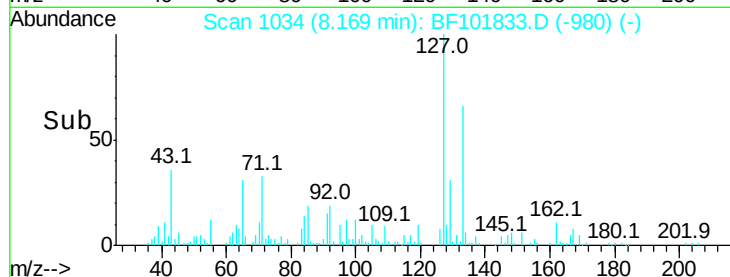
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



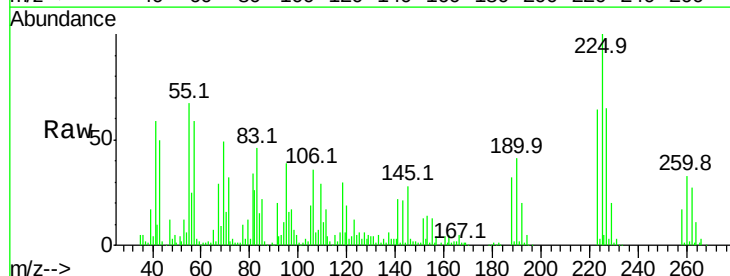
Sohil

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#34
Hexachlorobutadiene
Concen: 47.146 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		165166		
223	64.0	50.6	76.0		
227	65.2	51.9	77.9		

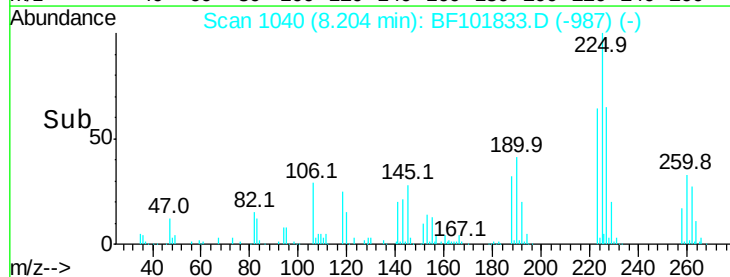
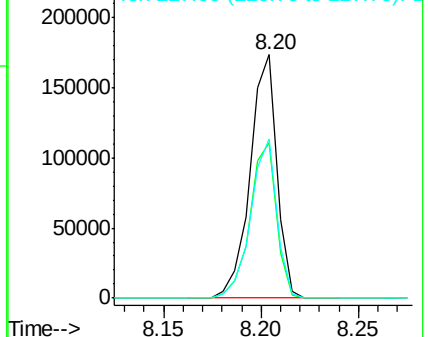


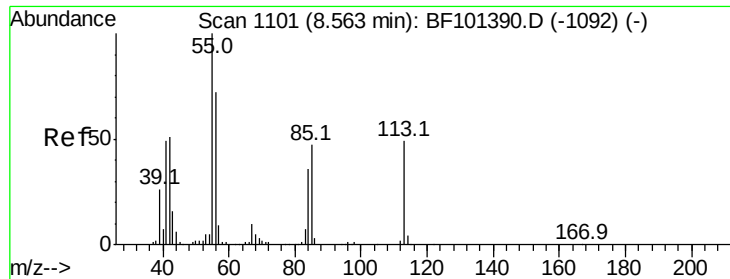
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.873 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

BNA_F

ClientSampleId :

LB-4MSD

Tot Ion:113 Resp: 41601

Ion Ratio Lower Upper

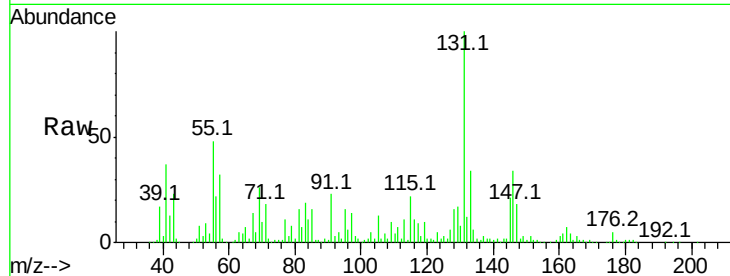
113 100

55 423.8 163.3 203.3#

56 200.3 115.7 155.7#

Manual Integrations

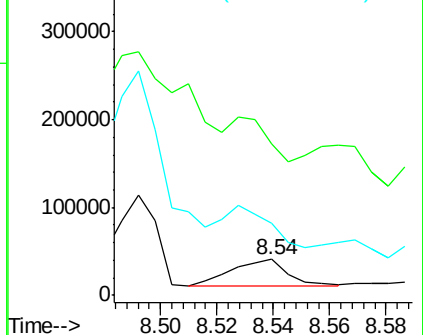
APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

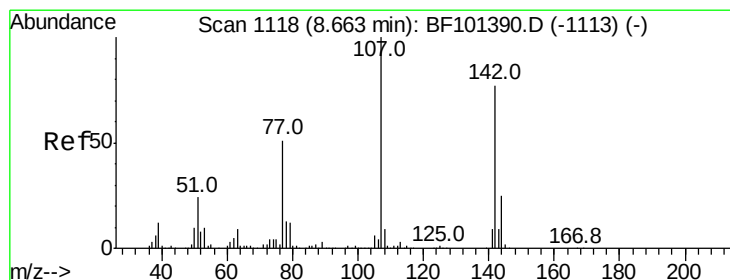
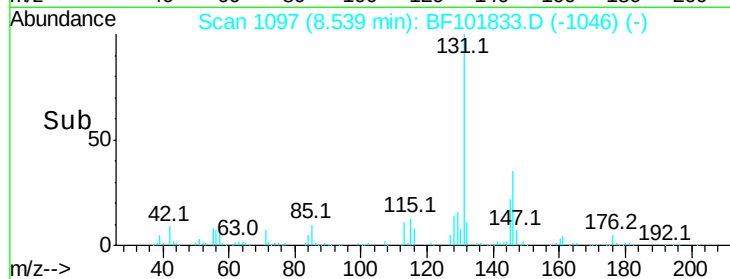
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



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#36

4-Chloro-3-methylphenol

Concen: 37.200 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

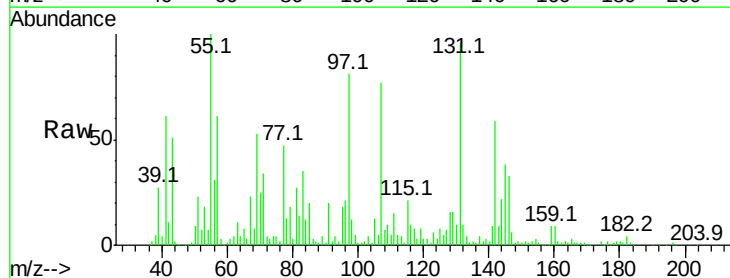
Tgt Ion:107 Resp: 234679

Ion Ratio Lower Upper

107 100

144 28.8 20.5 30.7

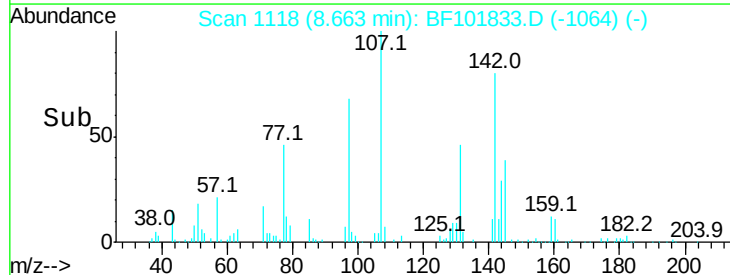
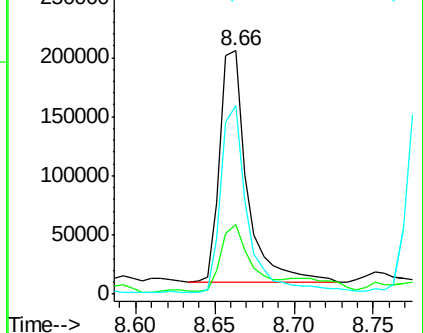
142 77.3 62.0 93.0

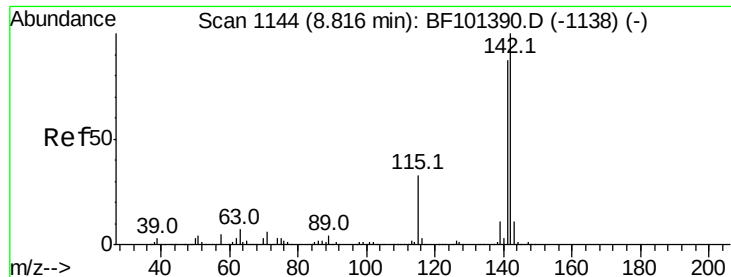


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



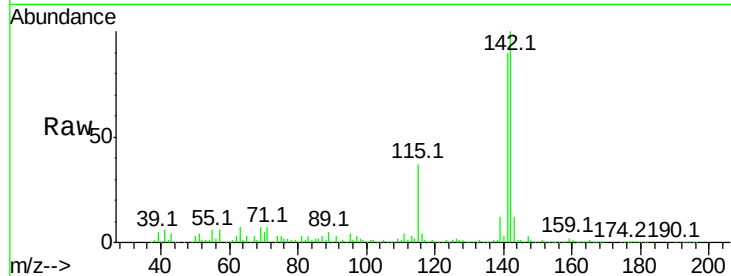


#37
2-Methylnaphthalene
Concen: 137.214 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

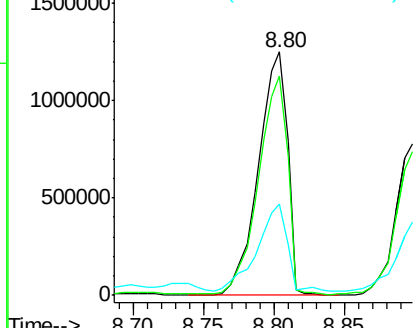
Instrument :
BNA_F
ClientSampled :
LB-4MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	37.3	26.1	39.1

Manual Integrations
APPROVED

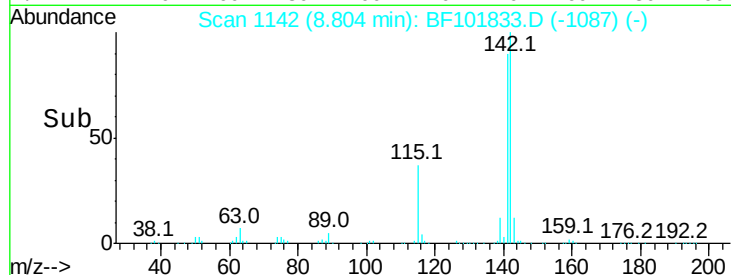


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



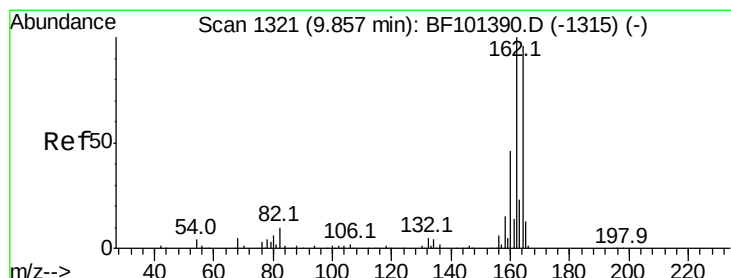
Sohil

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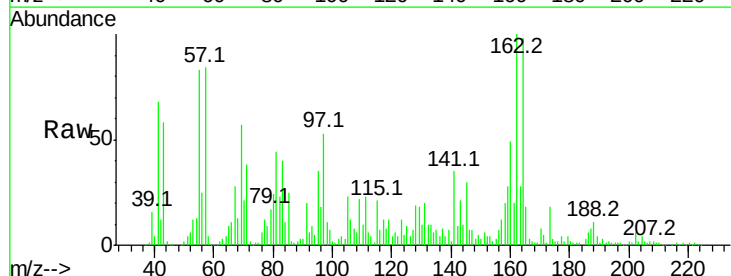
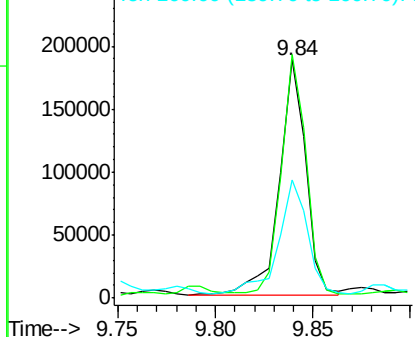


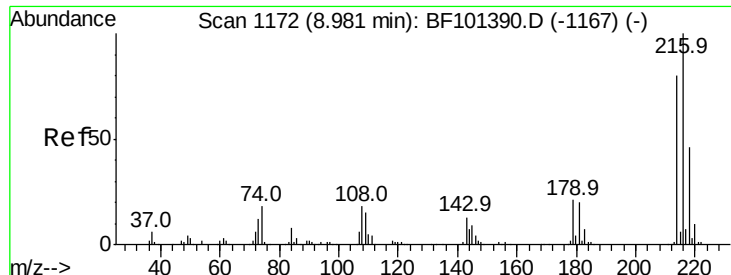
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	49.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



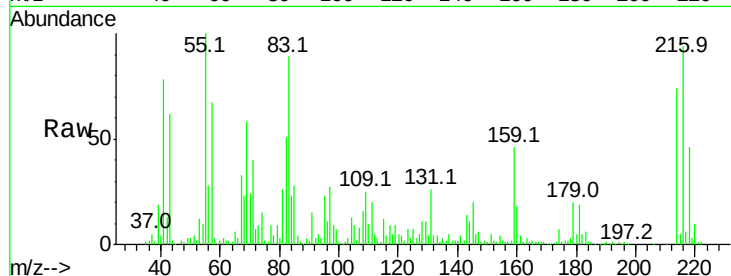


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.337 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

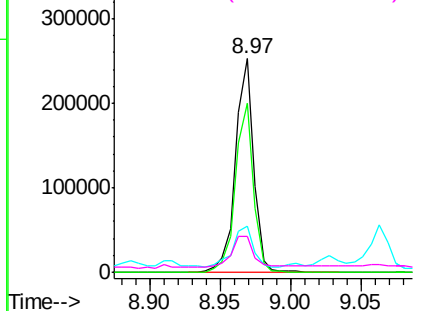
Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	21.0	18.1	27.1
108	17.3	17.2	25.8

Manual Integrations
 APPROVED

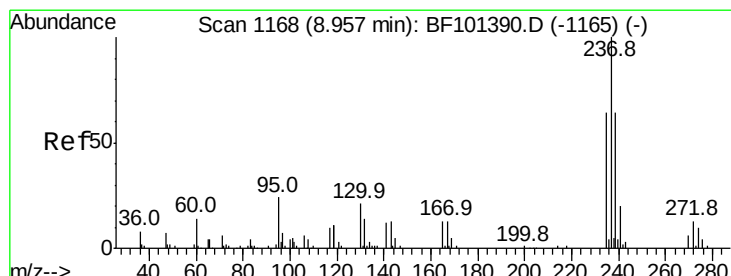
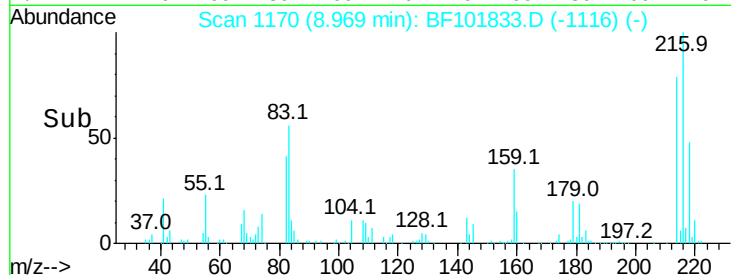


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



Sohil

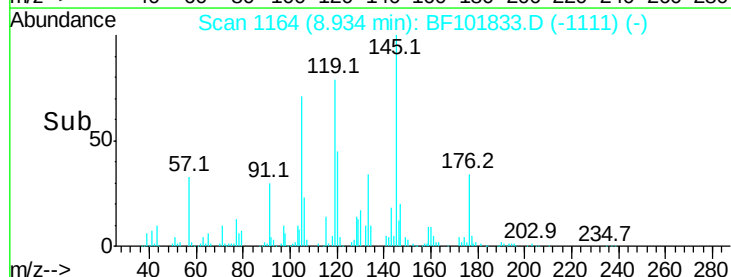
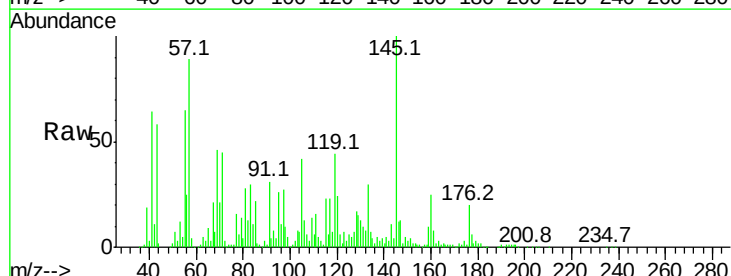
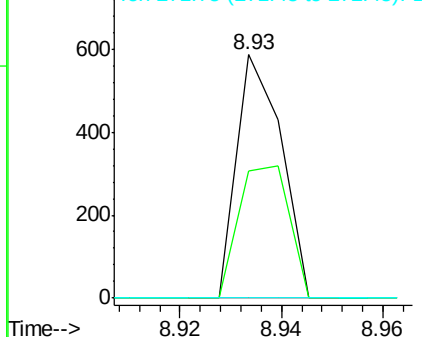
1/2/2018 1:05:06 PM

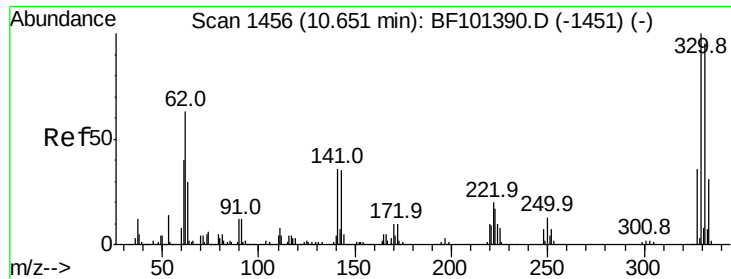


#40
 Hexachlorocyclopentadiene
 Concen: 11.723 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	52.0	44.8	84.8
272	0.0	0.0	33.3

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





#41

2,4,6-Tribromophenol

Concen: 120.705 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

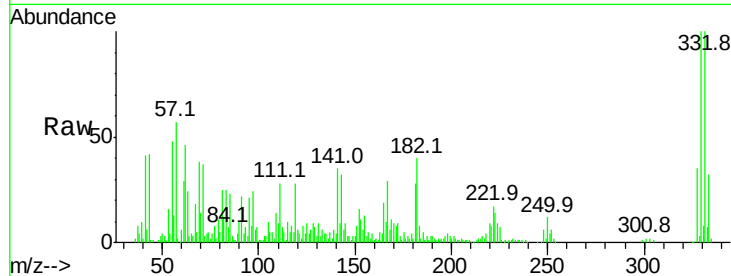
BNA_F

ClientSampled :

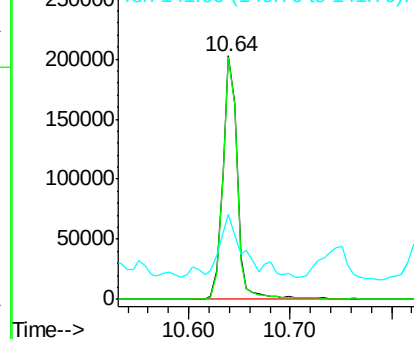
LB-4MSD

Tot Ion:	330	Resp:	202372
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.6
141	33.5	29.9	44.9

Manual Integrations
APPROVED

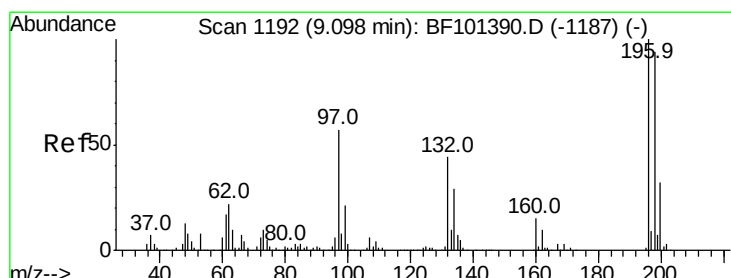
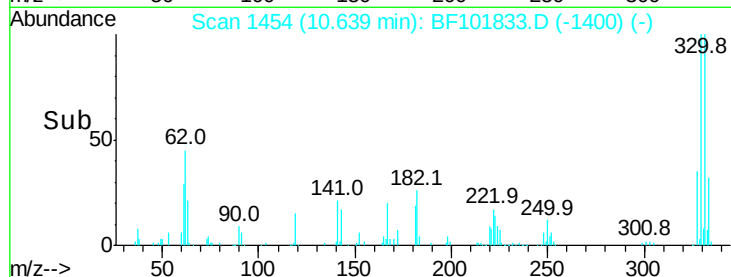


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Sohil

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#42

2,4,6-Trichlorophenol

Concen: 31.347 ng

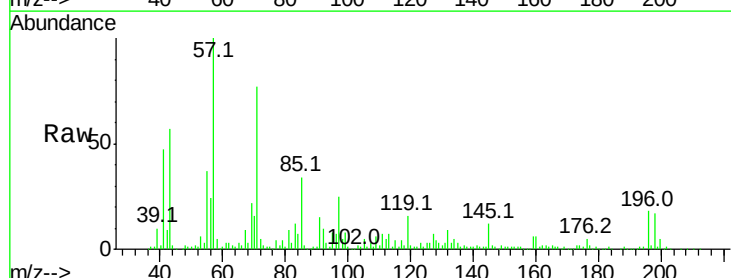
RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

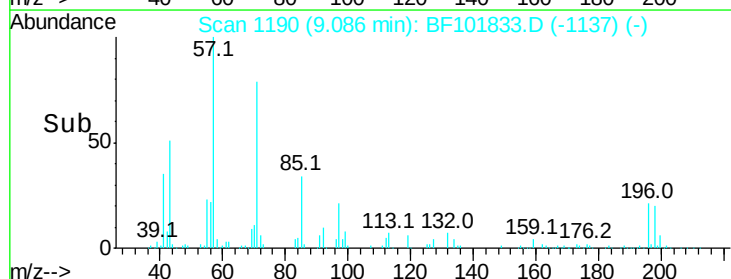
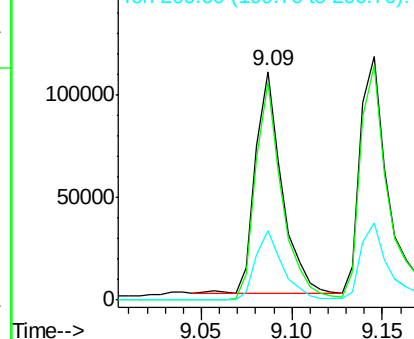
Lab File: BF101833.D

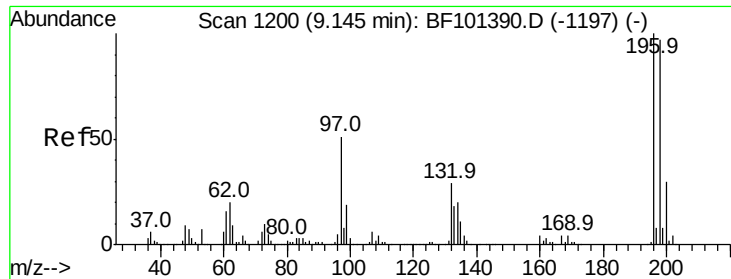
Acq: 29 Dec 2017 17:06

Tgt Ion:	196	Resp:	110862
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
200	30.2	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



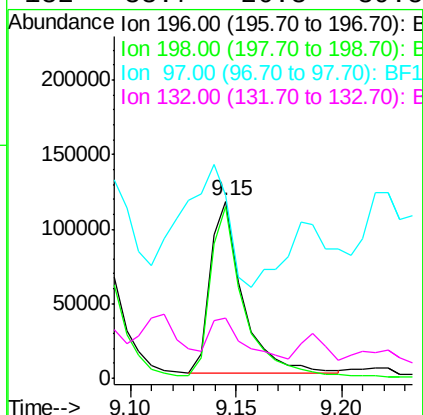
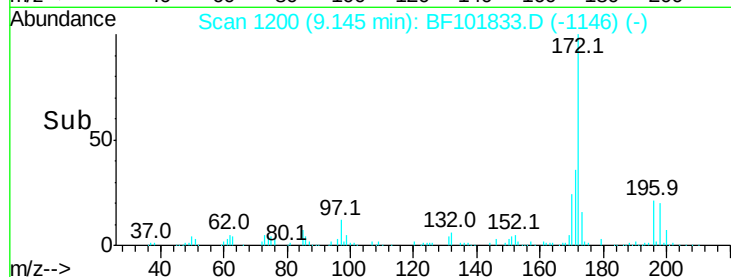
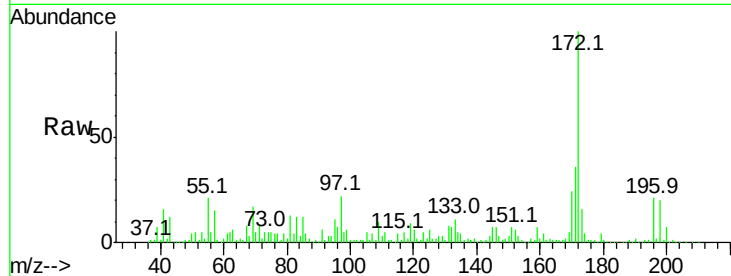


#43
2,4,5-Trichlorophenol
Concen: 32.618 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

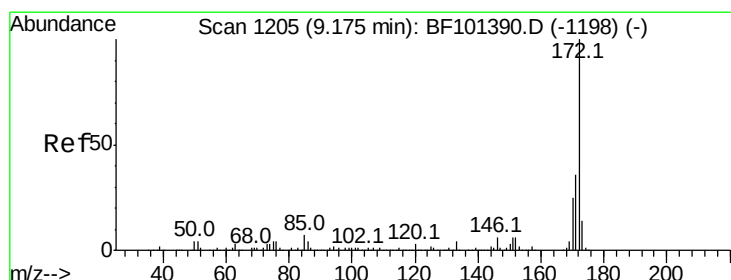
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	74.6	112.0	
97	103.4	42.9	64.3	
132	33.7	26.3	39.5	

Manual Integrations
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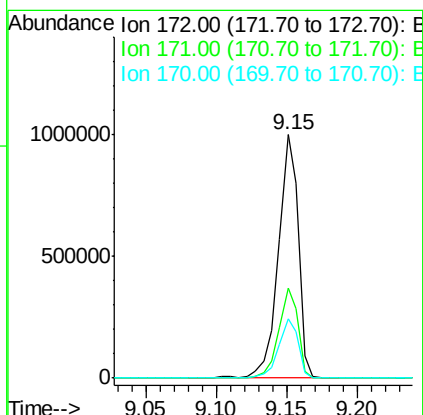
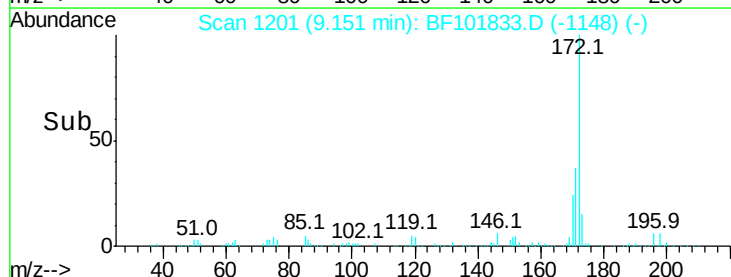
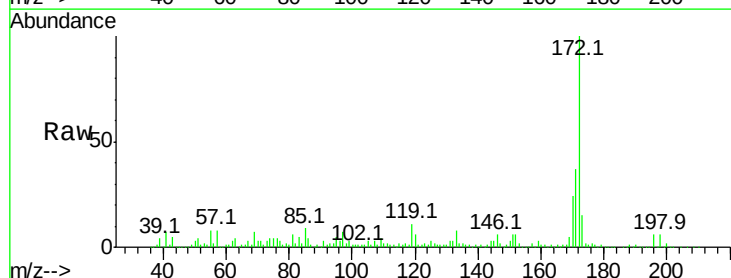
Sohil

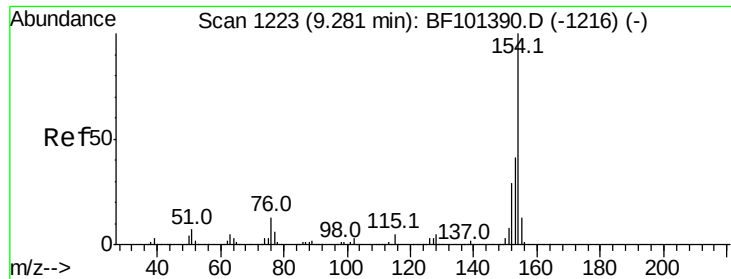
1/2/2018 1:05:06 PM



#44
2-Fluorobiphenyl
Concen: 87.808 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.8	29.7	44.5	
170	24.1	19.6	29.4	



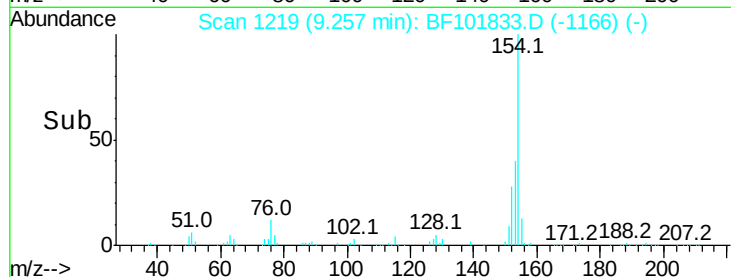
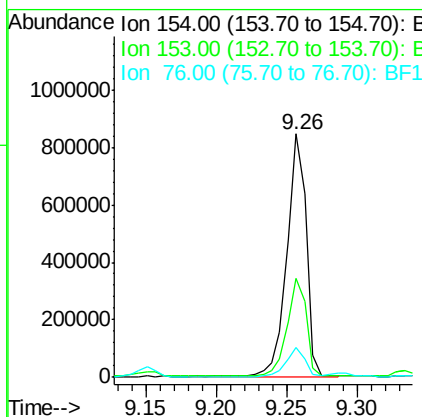
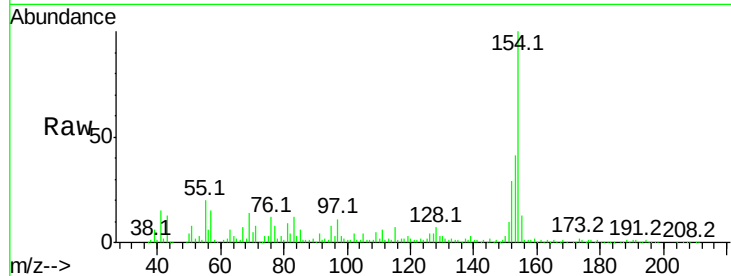


#45
 1,1'-Biphenyl
 Concen: 51.893 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampled :
 LB-4MSD

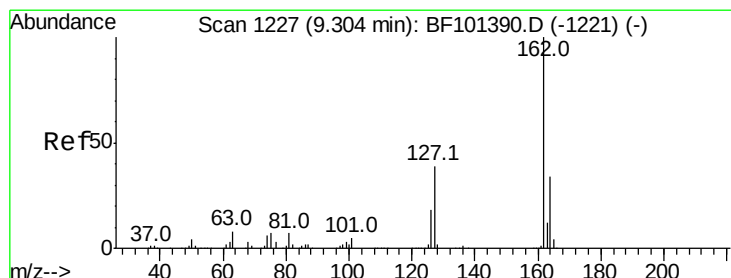
Tot Ion:	154	Resp:	800754
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.3	0.0	34.0

Manual Integrations
 APPROVED



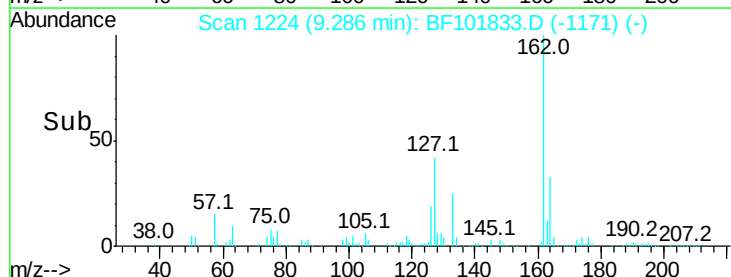
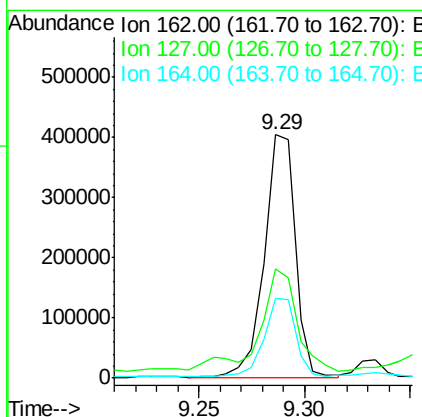
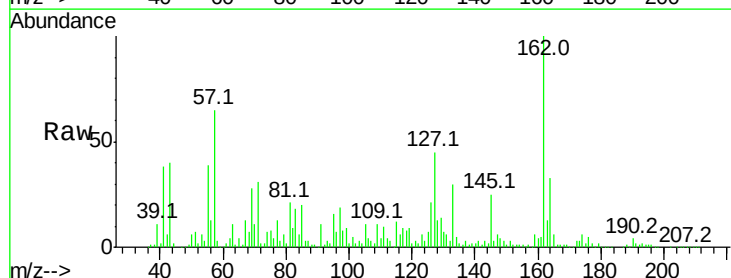
Sohil

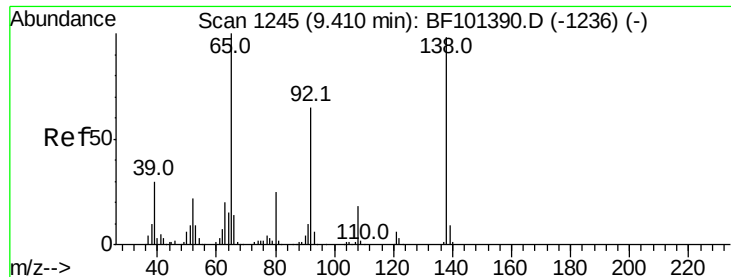
1/2/2018 1:05:06 PM



#46
 2-Chloronaphthalene
 Concen: 34.899 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion:	162	Resp:	412046
Ion Ratio	Lower	Upper	
162	100		
127	45.0	33.9	50.9
164	32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 37.388 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

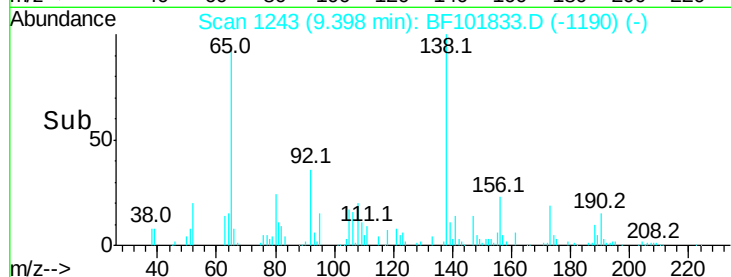
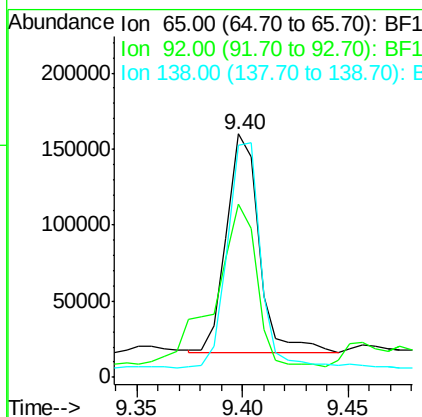
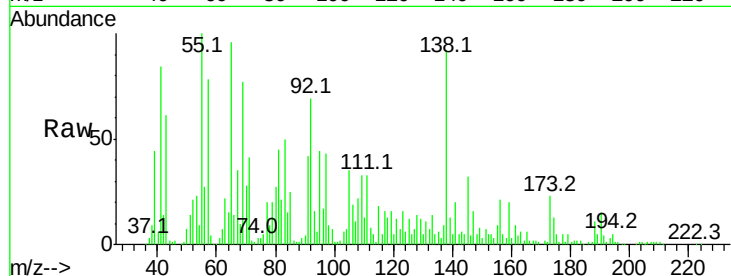
BNA_F

ClientSampled :

LB-4MSD

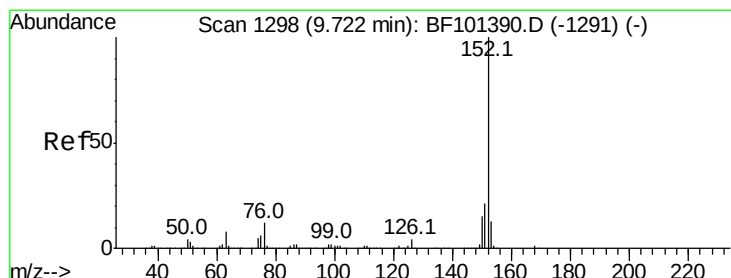
Tot Ion:	65	Resp:	152498
Ion Ratio	Lower	Upper	
65	100		
92	71.3	55.8	83.6
138	95.2	91.2	136.8

Manual Integrations
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Sohil

1/2/2018 1:05:06 PM



#48

Acenaphthylene

Concen: 33.723 ng

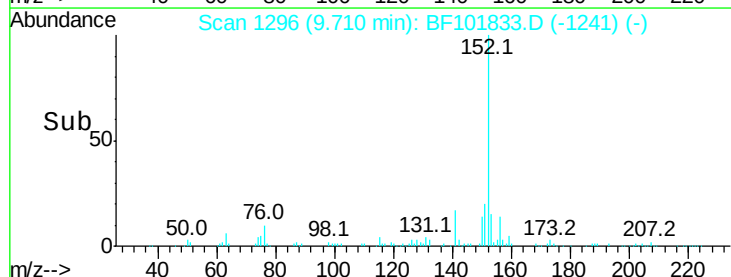
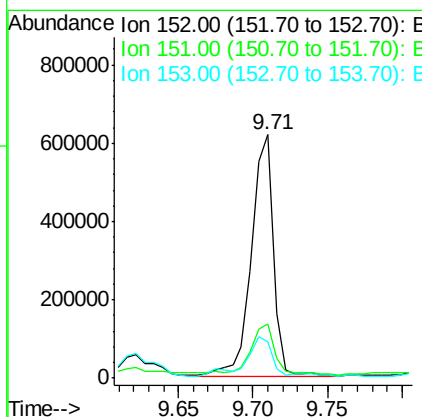
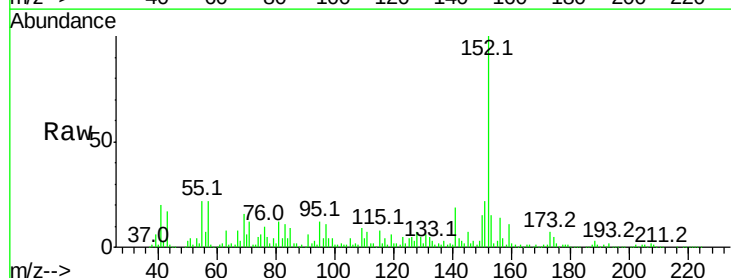
RT: 9.71 min Scan# 1296

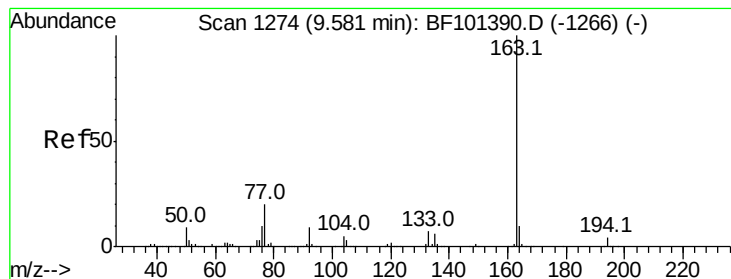
Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	152	Resp:	628904
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.3	24.5
153	15.1	10.7	16.1





#49

Dimethylphthalate

Concen: 31.595 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

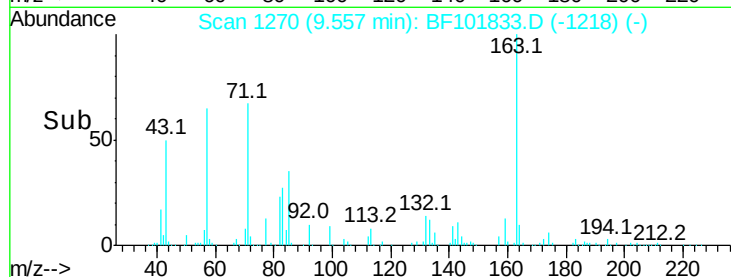
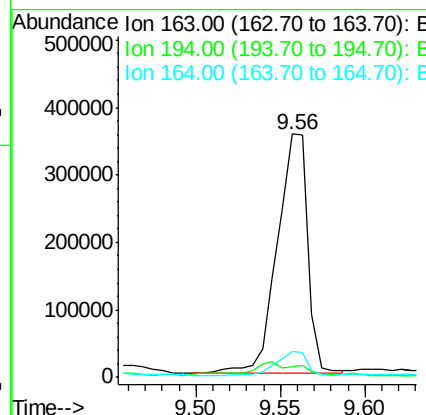
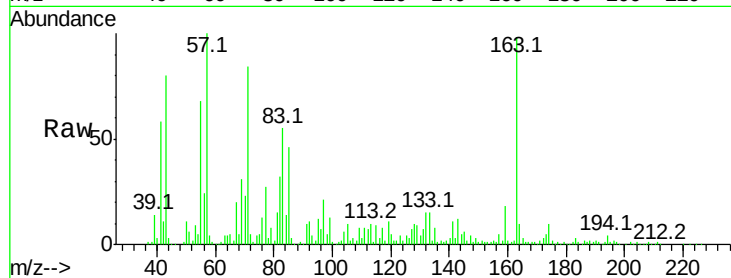
BNA_F

ClientSampleId :

LB-4MSD

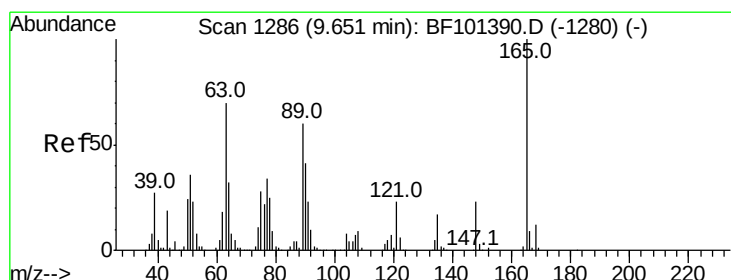
Tot Ion:	163	Resp:	442185
Ion Ratio	Lower	Upper	
163	100		
194	4.5	2.7	4.1#
164	10.6	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 32.838 ng

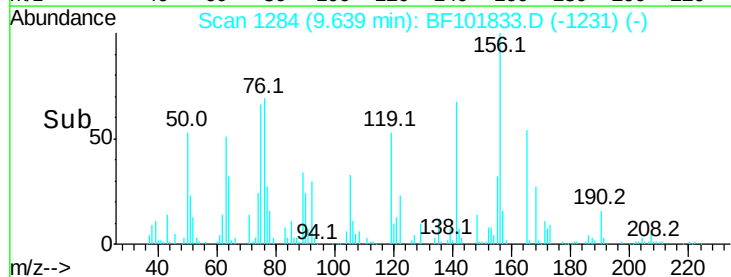
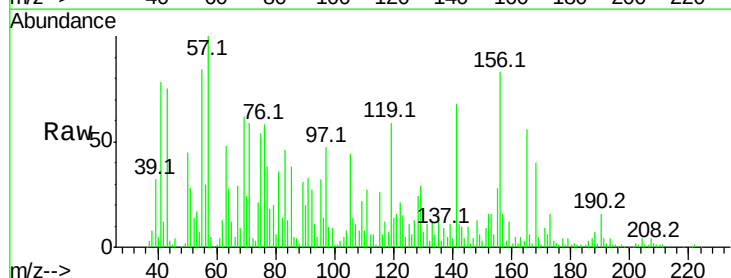
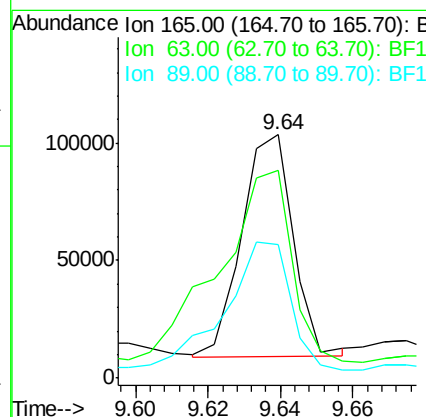
RT: 9.64 min Scan# 1284

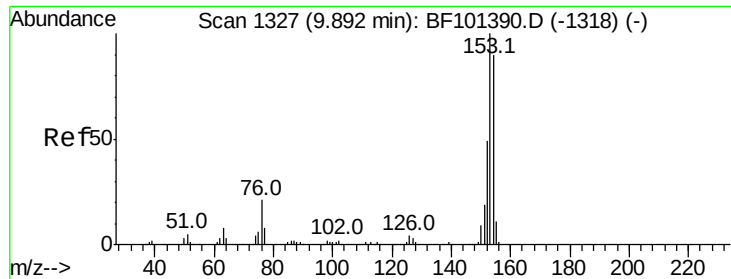
Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	165	Resp:	93408
Ion Ratio	Lower	Upper	
165	100		
63	85.1	44.7	67.1#
89	54.8	44.0	66.0





#51

Acenaphthene

Concen: 37.364 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

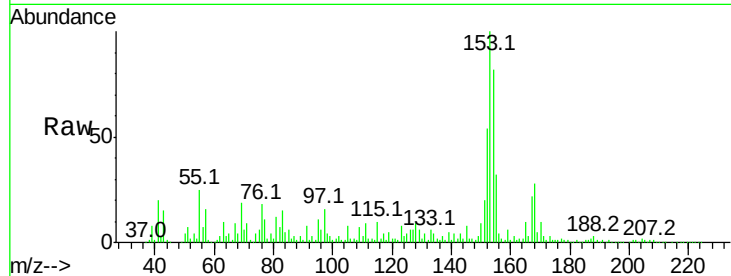
BNA_F

ClientSampled :

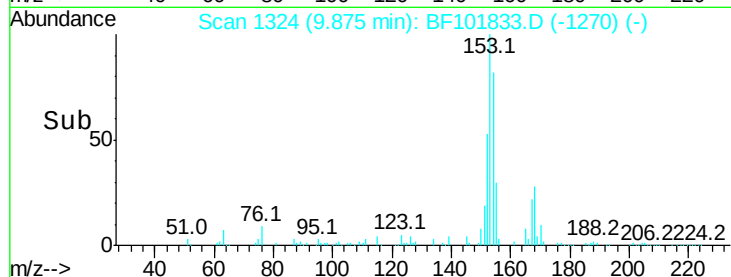
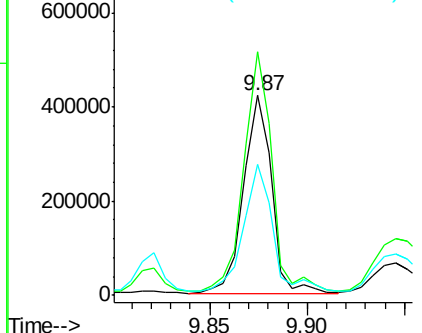
LB-4MSD

Tot Ion:	154	Resp:	418639
Ion	Ratio	Lower	Upper
154	100		
153	121.9	91.2	136.8
152	65.4	43.8	65.8

Manual Integrations
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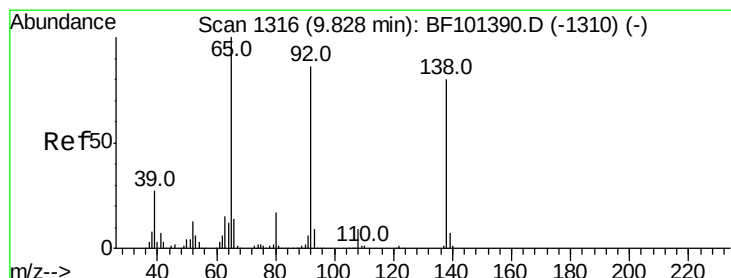


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Sohil

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#52

3-Nitroaniline

Concen: 26.272 ng

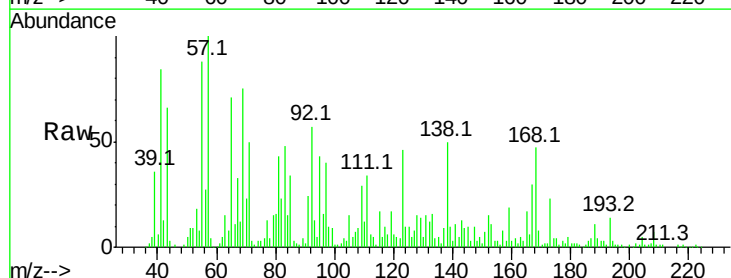
RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

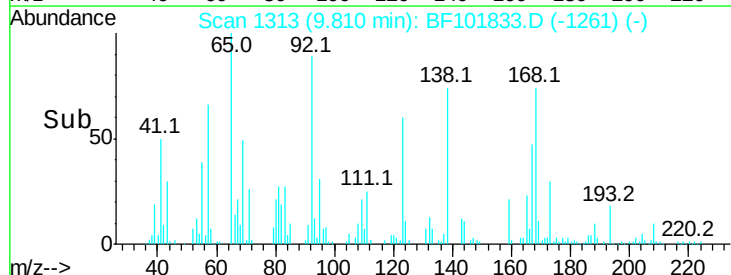
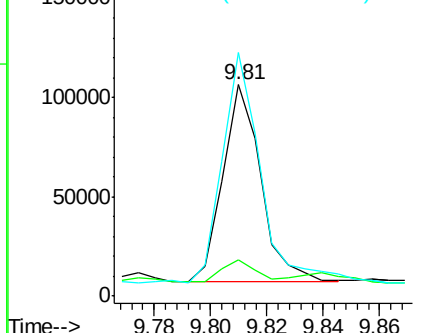
Lab File: BF101833.D

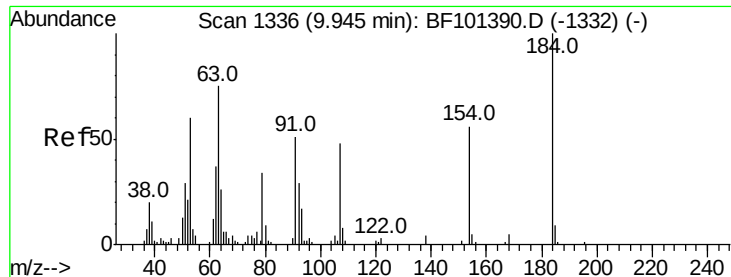
Acq: 29 Dec 2017 17:06

Tgt Ion:	138	Resp:	93170
Ion	Ratio	Lower	Upper
138	100		
108	17.5	9.4	14.0#
92	115.4	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



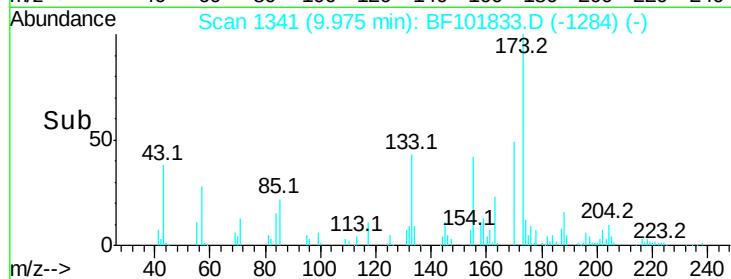
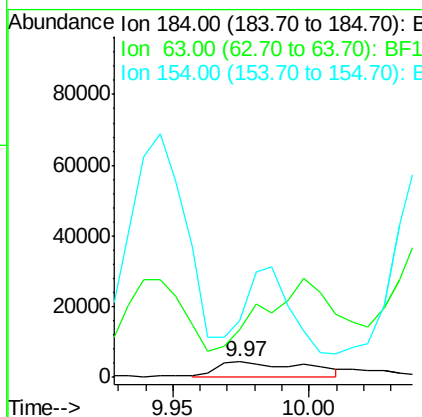
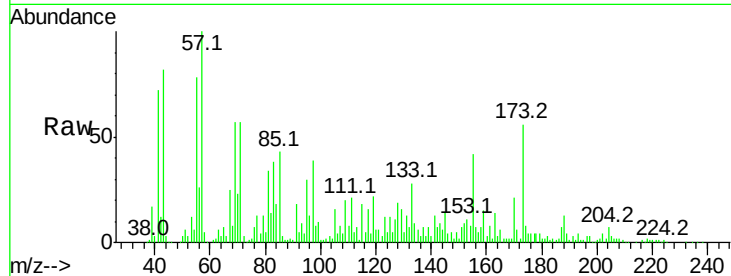


#53
 2,4-Dinitrophenol
 Concen: 18.712 ng/mL
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.04 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampled :
 LB-4MSD

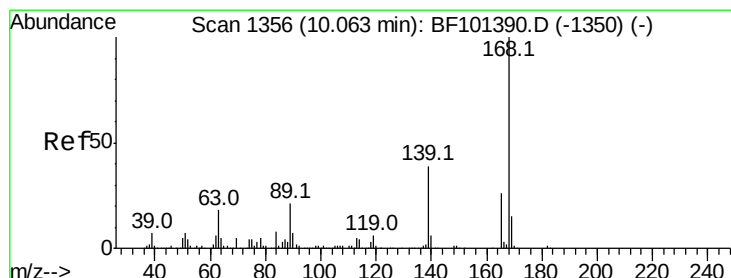
Tot Ion	Ratio	Lower	Upper
184	100		
63	303.7	54.2	81.2#
154	362.6	184.0	276.0#

Manual Integrations
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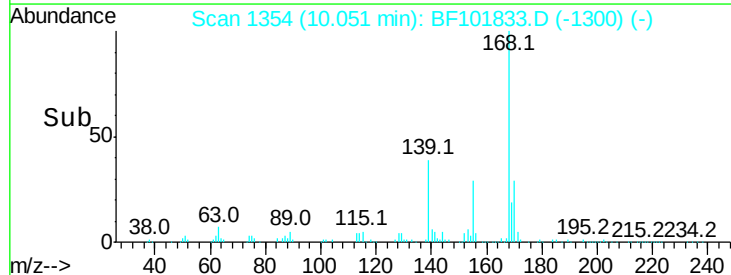
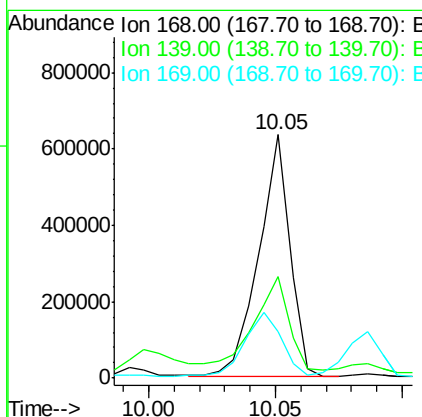
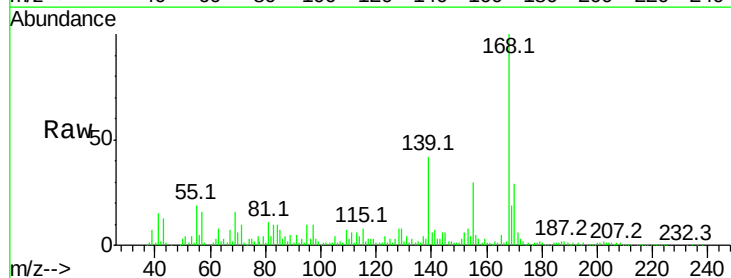
Sohil

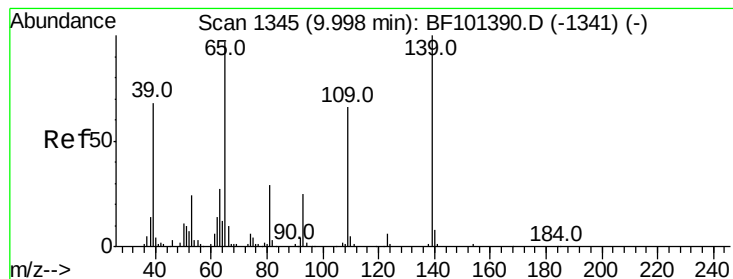
1/2/2018 1:05:06 PM



#54
 Dibenzofuran
 Concen: 38.228 ng/mL
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.02 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	30.1	45.1
169	19.3	10.9	16.3#





#55

4-Nitrophenol

Concen: 54.929 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

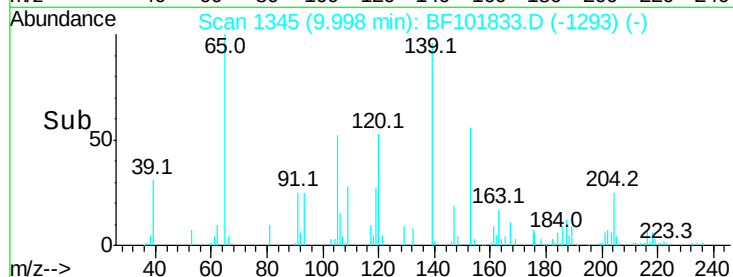
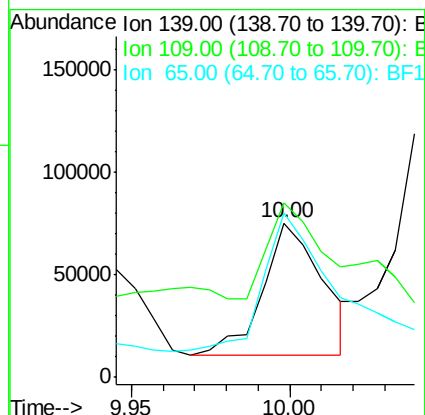
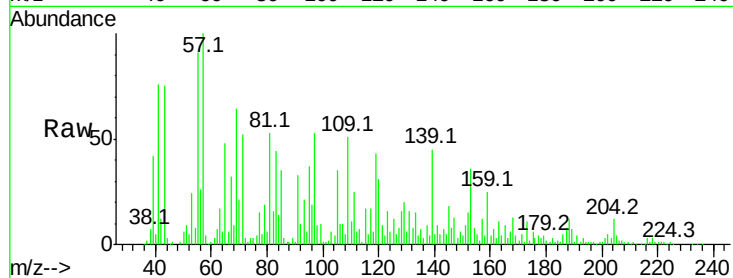
BNA_F

ClientSampleId :

LB-4MSD

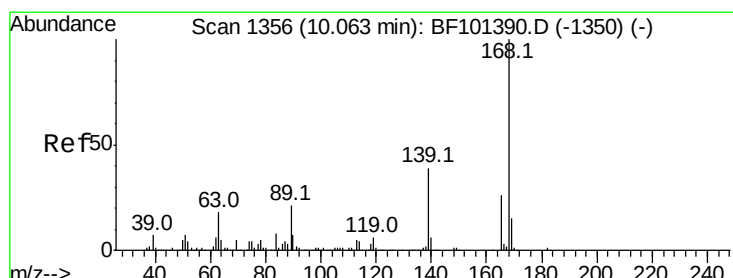
Tot Ion:139 Resp: 84942
 Ion Ratio Lower Upper
 139 100
 109 113.2 48.4 88.4#
 65 106.1 72.6 112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 61.469 ng

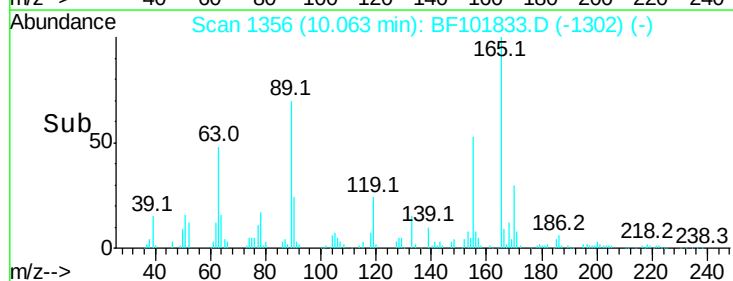
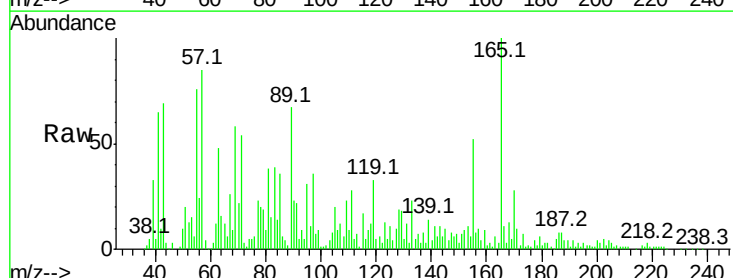
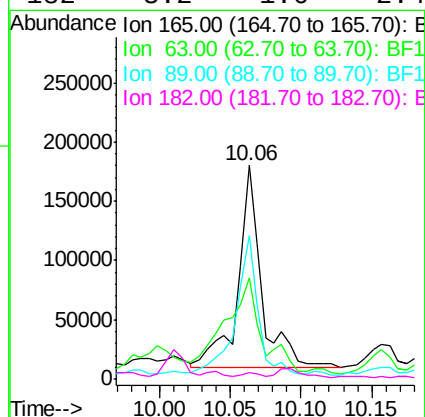
RT: 10.06 min Scan# 1356

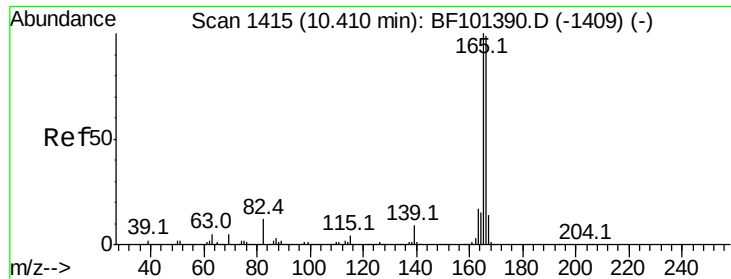
Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:165 Resp: 196996
 Ion Ratio Lower Upper
 165 100
 63 47.6 36.4 54.6
 89 67.2 57.8 86.6
 182 3.2 1.6 2.4#





#57

Fluorene

Concen: 45.755 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

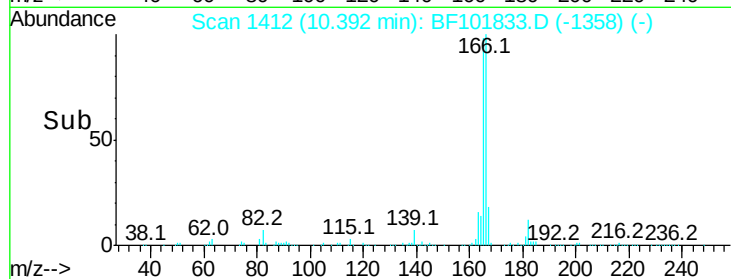
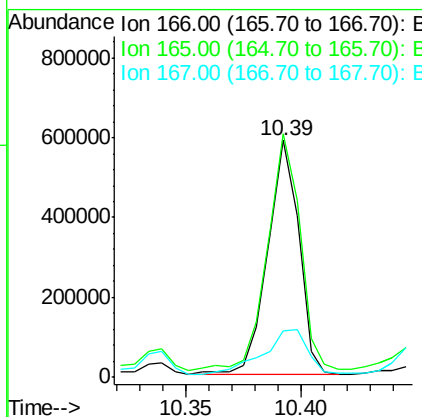
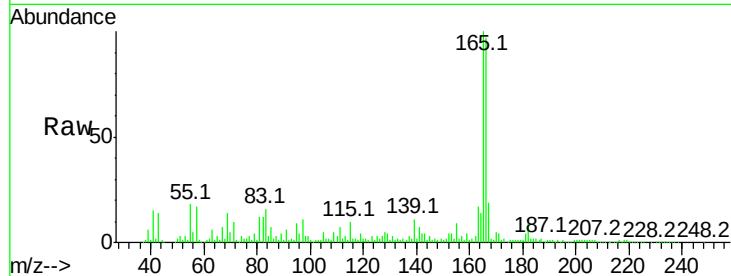
BNA_F

ClientSampled :

LB-4MSD

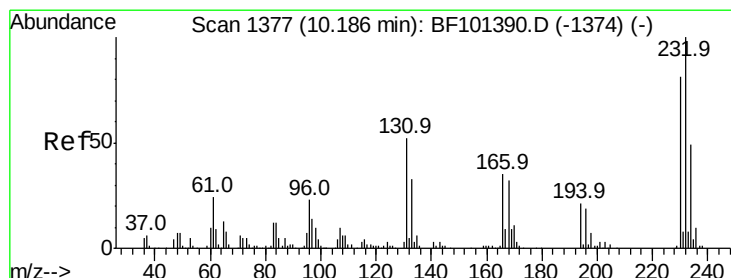
Tot Ion:	166	Resp:	551127
Ion Ratio	Lower	Upper	
166	100		
165	102.9	79.8	119.8
167	19.4	10.6	16.0#

Manual Integrations
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Sohil

1/2/2018 1:05:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.486 ng

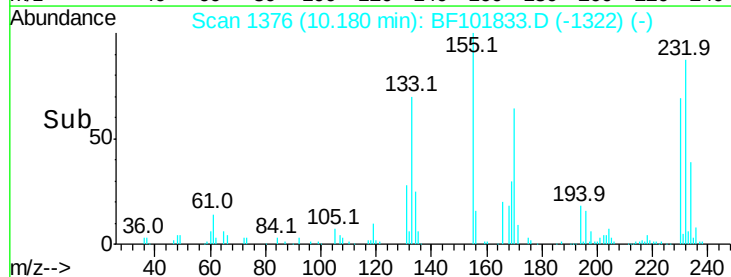
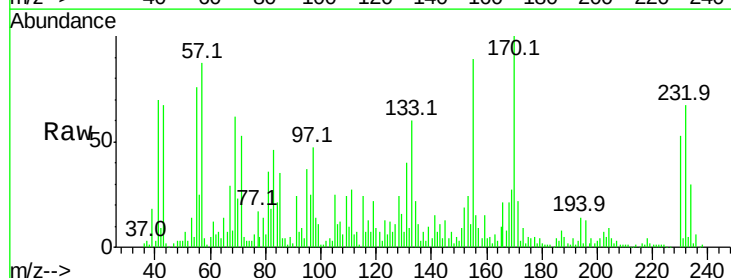
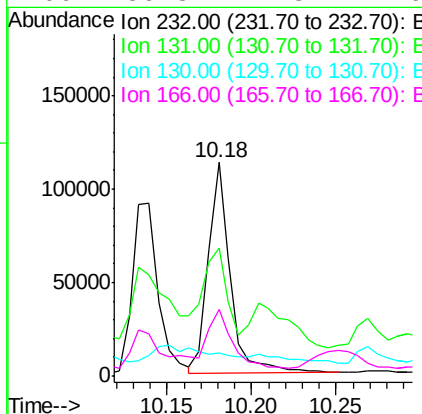
RT: 10.18 min Scan# 1376

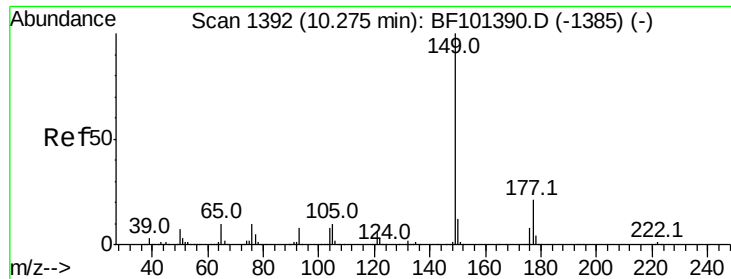
Delta R.T. 0.02 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	232	Resp:	104293
Ion Ratio	Lower	Upper	
232	100		
131	47.4	43.8	65.8
130	0.0	2.1	3.1#
166	30.3	27.8	41.6



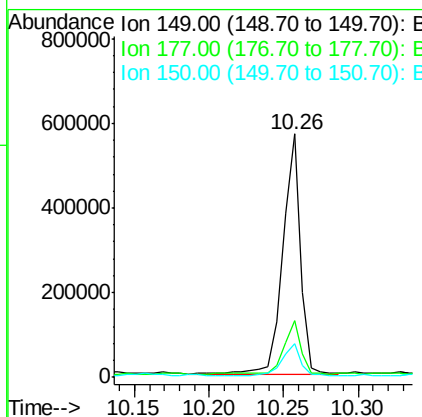
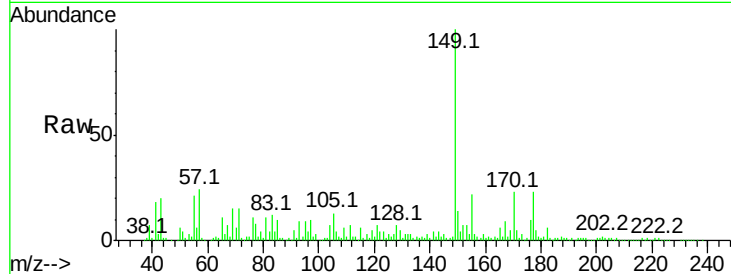


#59
 Diethylphthalate
 Concen: 34.091 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.02 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

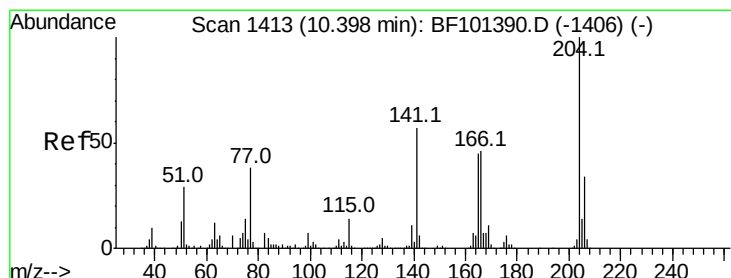
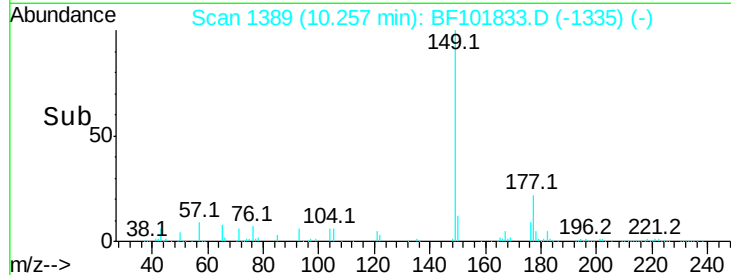
Tot Ion:	149	Resp:	472485
Ion Ratio	Lower	Upper	
149	100		
177	23.3	16.1	24.1
150	13.9	10.1	15.1

Manual Integrations
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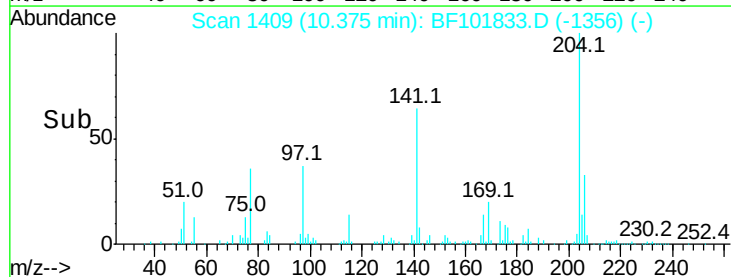
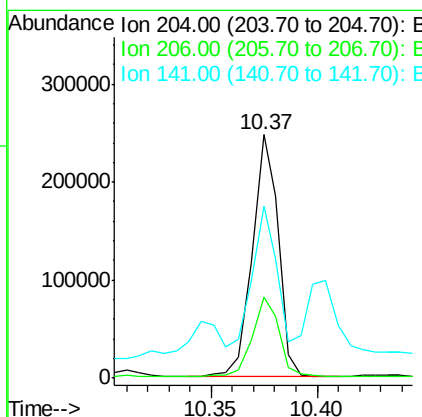
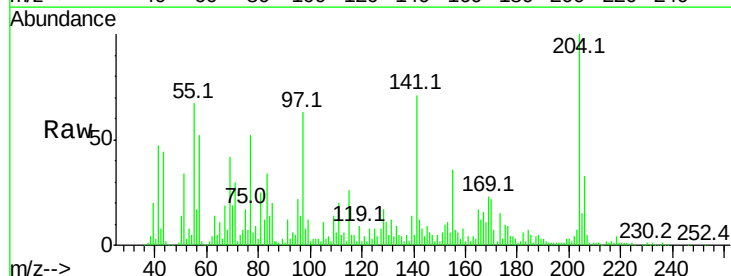
Sohil

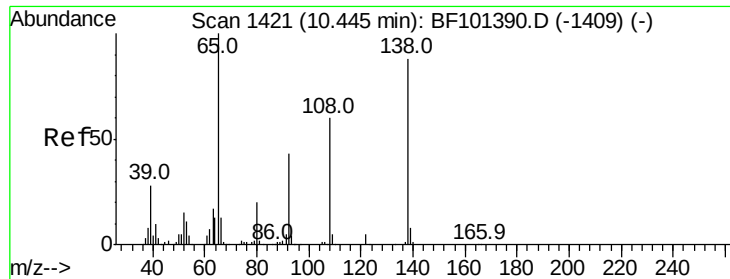
1/2/2018 1:05:06 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 36.630 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion:	204	Resp:	211458
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.5	39.7
141	70.6	54.6	81.8



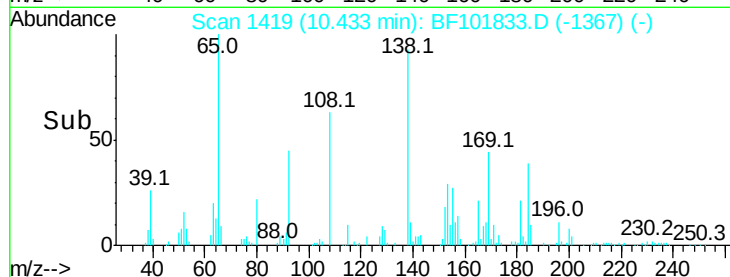
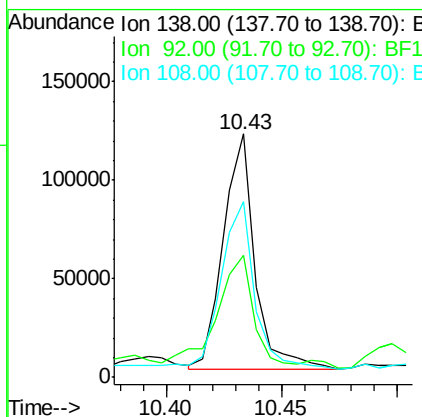
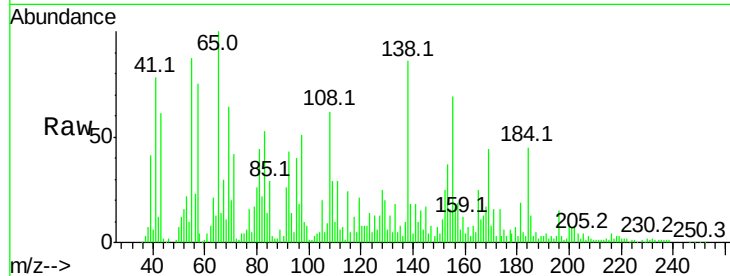


#61
4-Nitroaniline
Concen: 31.769 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

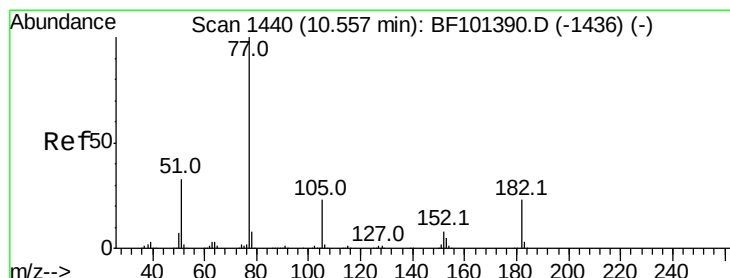
Tot Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.2	70.2
108	72.1	52.5	92.5

Manual Integrations
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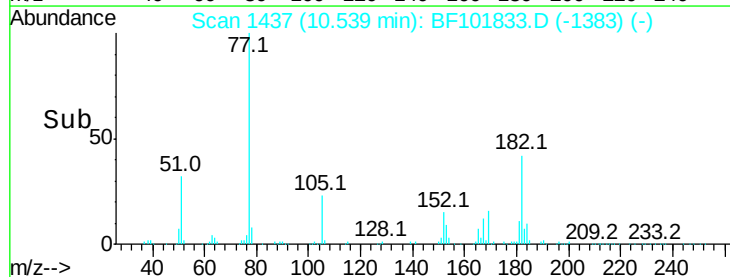
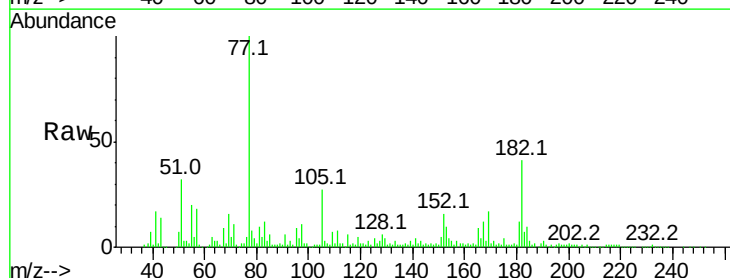
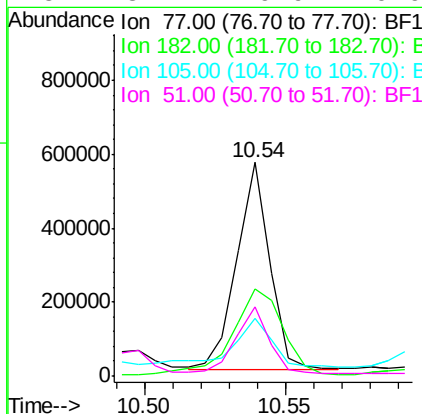
Sohil

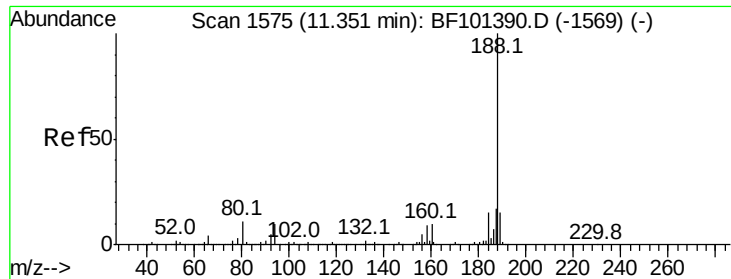
1/2/2018 1:05:06 PM



#62
Azobenzene
Concen: 31.995 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	41.0	1.7	41.7
105	26.7	3.0	43.0
51	32.4	9.9	49.9



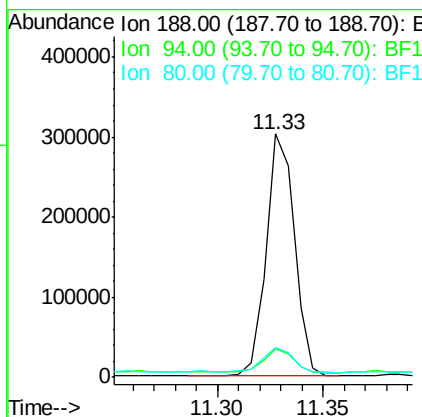
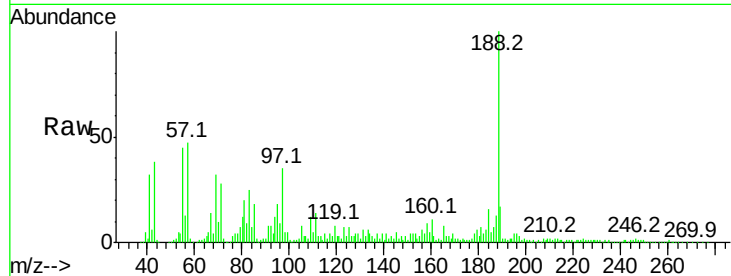


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

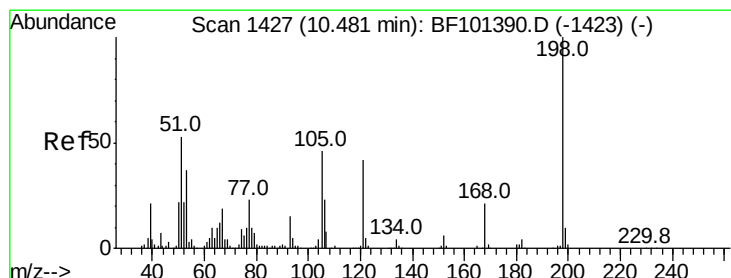
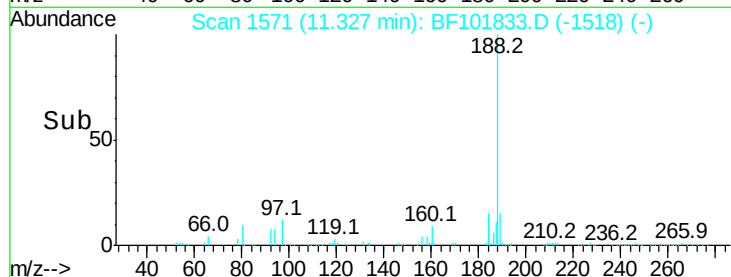
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.8	8.5	12.7	
80	12.3	9.2	13.8	

Manual Integrations
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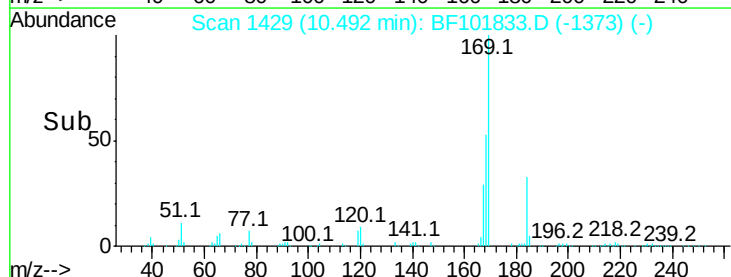
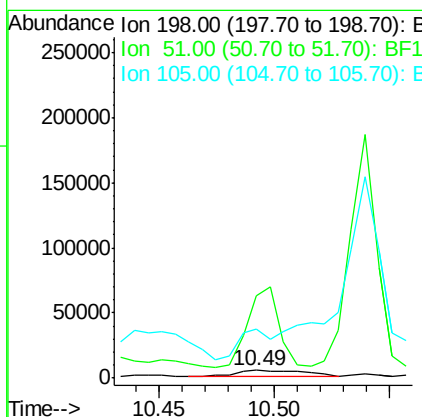
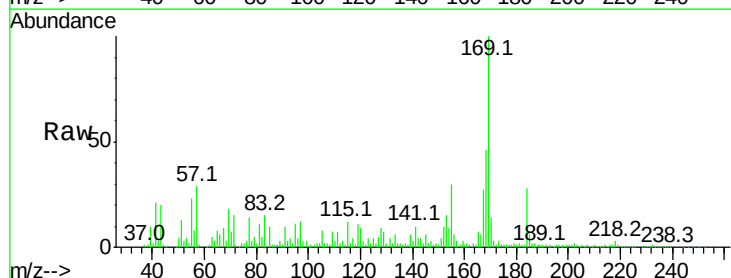
Sohil

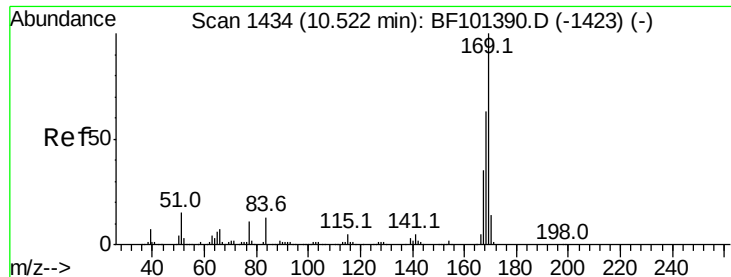
1/2/2018 1:05:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.672 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.03 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	1073.7	37.7	77.7#	
105	643.8	36.3	76.3#	





#65

n-Nitrosodiphenylamine

Concen: 55.315 ng/ml

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

BNA_F

ClientSampled :

LB-4MSD

Tot Ion:169 Resp: 576116

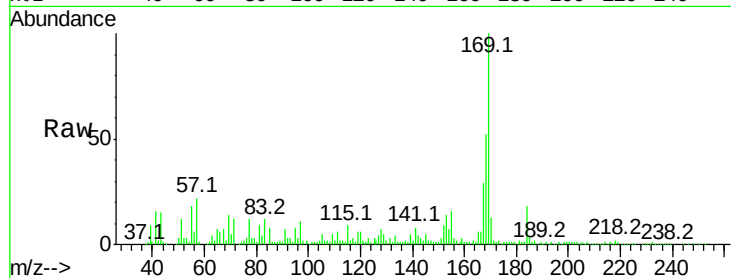
Ion Ratio Lower Upper

169 100

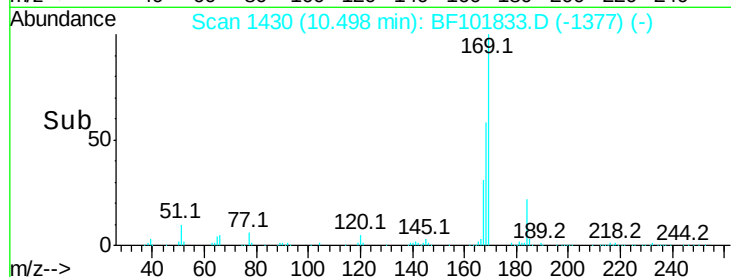
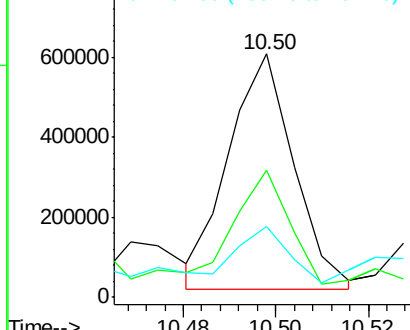
168 52.3 54.4 81.6#

167 29.1 29.8 44.6#

Manual Integrations
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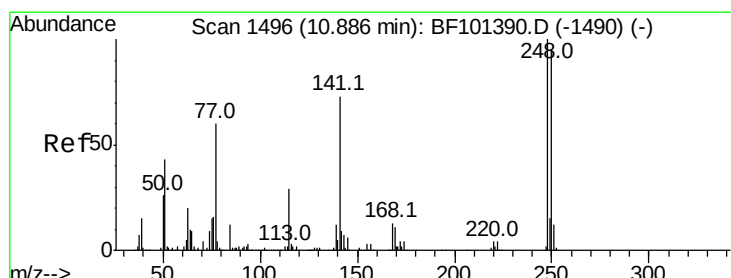


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Sohil

1/2/2018 1:05:06 PM



#66

4-Bromophenyl-phenylether

Concen: 42.900 ng/ml

RT: 10.86 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

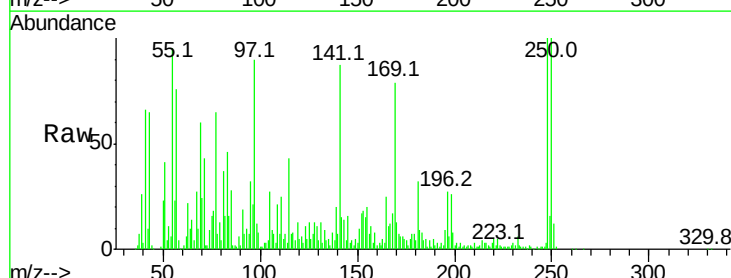
Tgt Ion:248 Resp: 135966

Ion Ratio Lower Upper

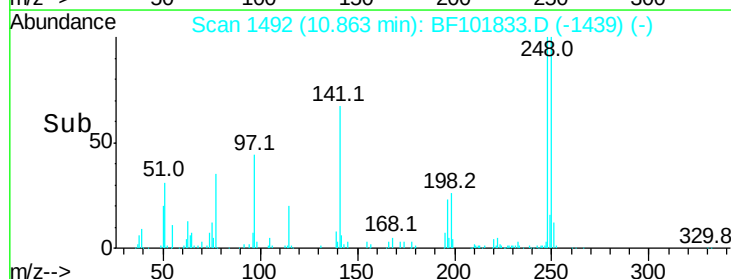
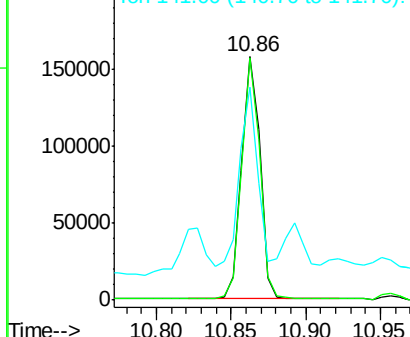
248 100

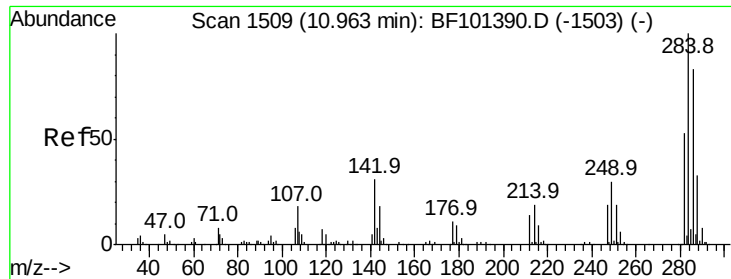
250 99.6 76.9 115.3

141 87.3 74.4 111.6



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





#67

Hexachlorobenzene

Concen: 39.331 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.03 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

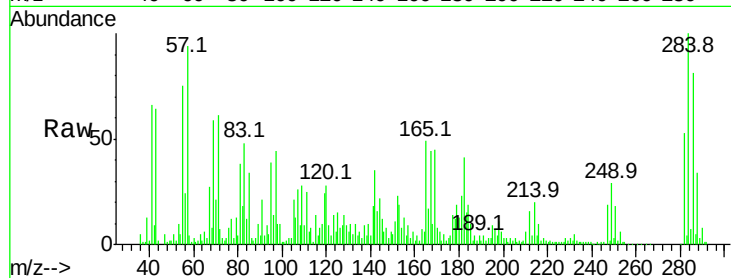
BNA_F

ClientSampled :

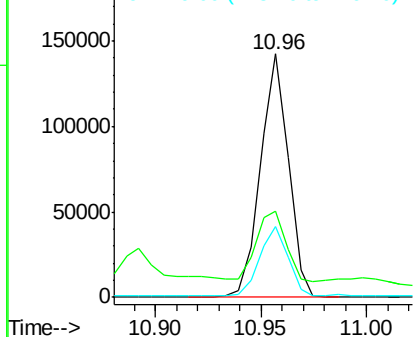
LB-4MSD

Tot Ion:	284	Resp:	131930
Ion Ratio	Lower	Upper	
284	100		
142	35.2	34.6	52.0
249	29.3	24.8	37.2

Manual Integrations
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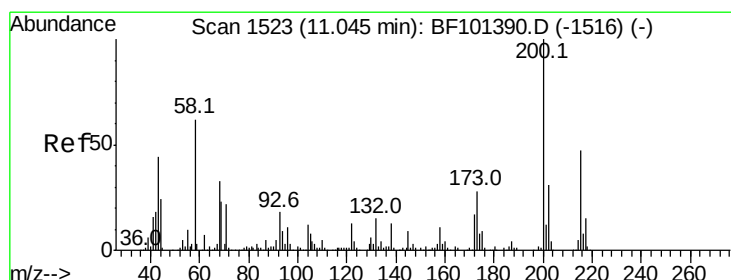
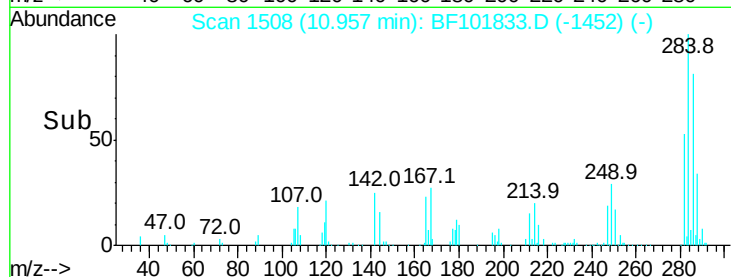


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Sohil

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#68

Atrazine

Concen: 49.645 ng

RT: 11.03 min Scan# 1520

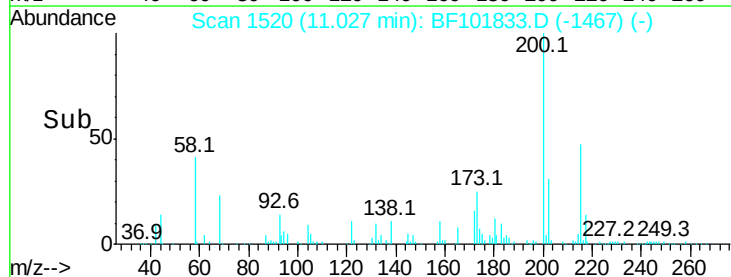
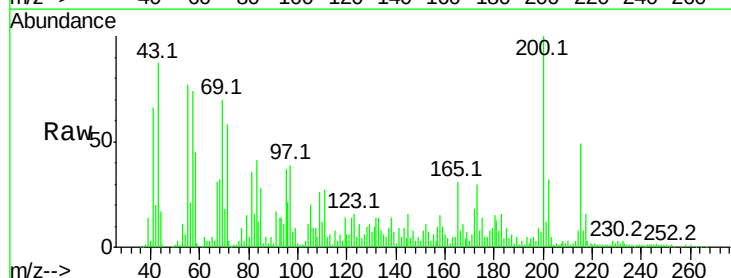
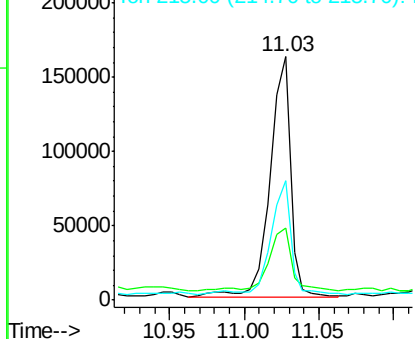
Delta R.T. 0.01 min

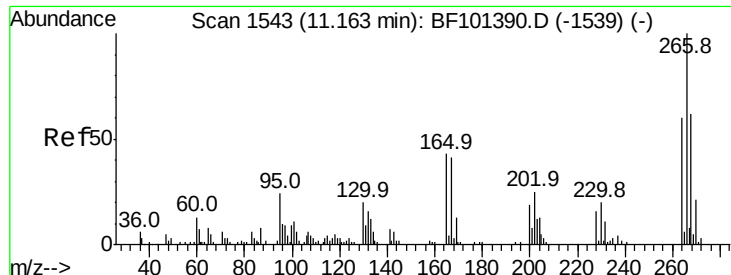
Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	200	Resp:	154176
Ion Ratio	Lower	Upper	
200	100		
173	29.5	8.6	48.6
215	48.9	25.1	65.1

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



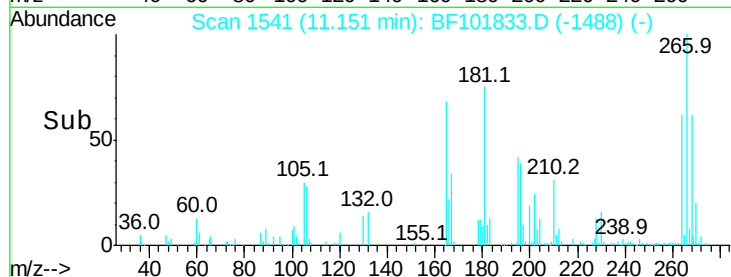
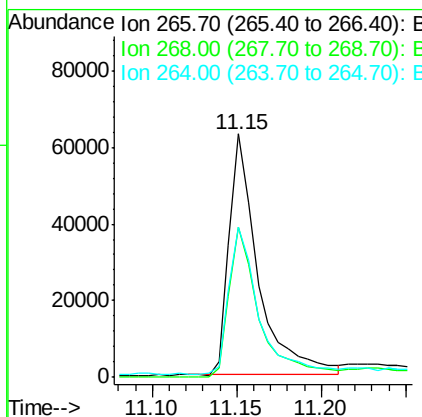
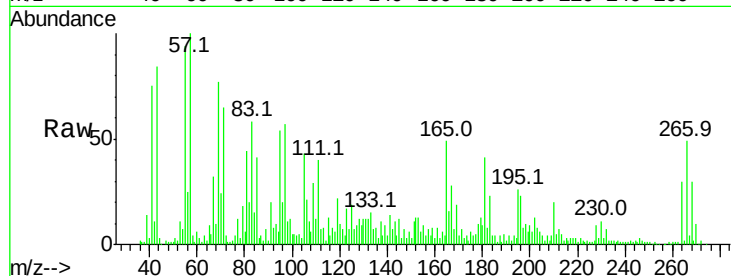


#69
 Pentachlorophenol
 Concen: 59.754 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

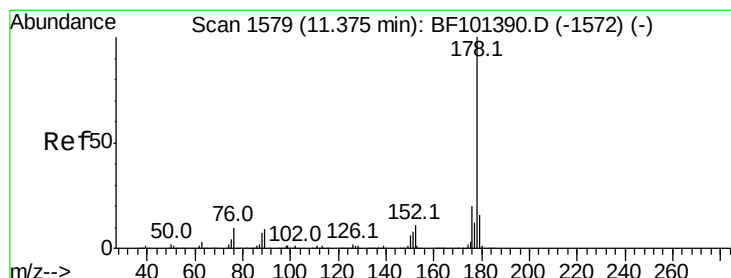
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	61.8	49.5	74.3

Manual Integrations
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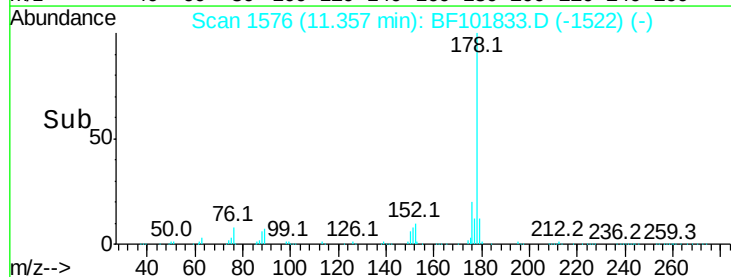
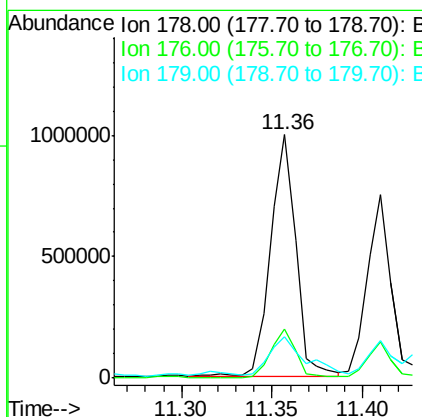
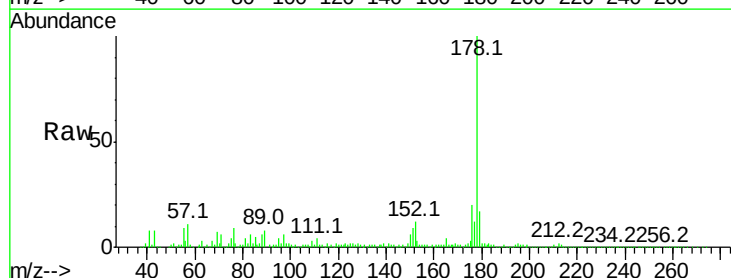
Sohil

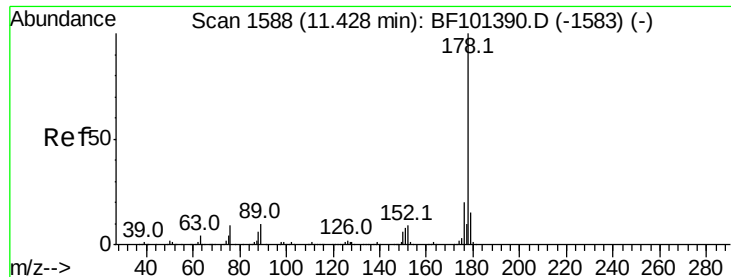
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#70
 Phenanthrene
 Concen: 60.699 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.02 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	17.2	13.0	19.6



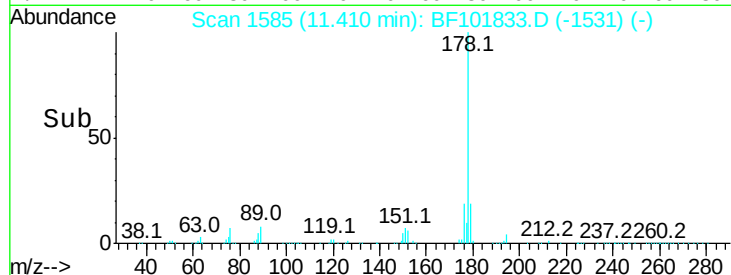
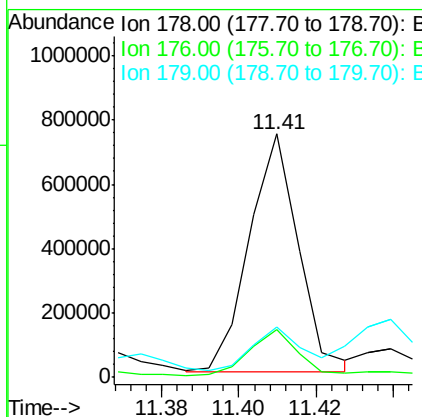
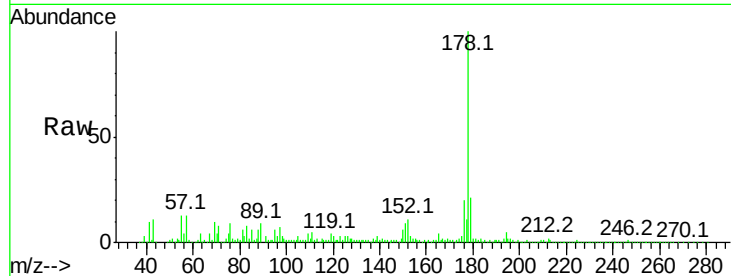


#71
 Anthracene
 Concen: 41.053 ng/mL
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.02 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

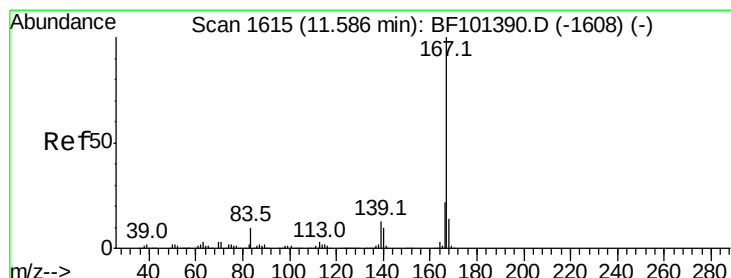
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	20.5	12.6	19.0

Manual Integrations
 APPROVED



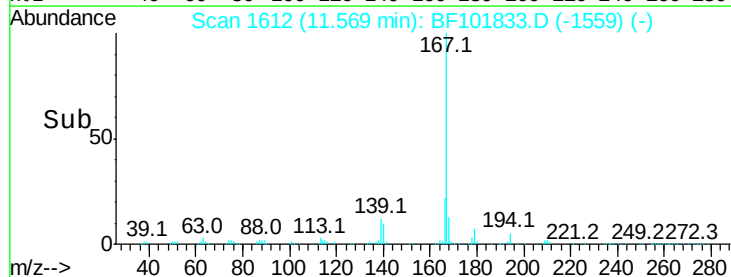
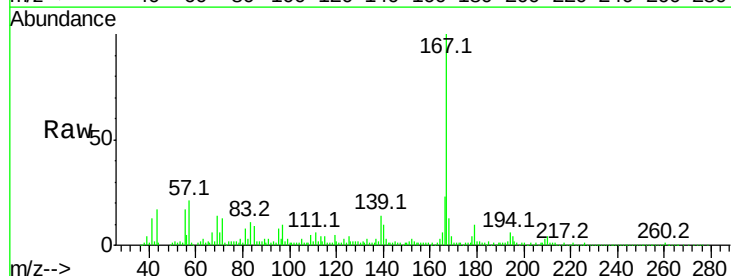
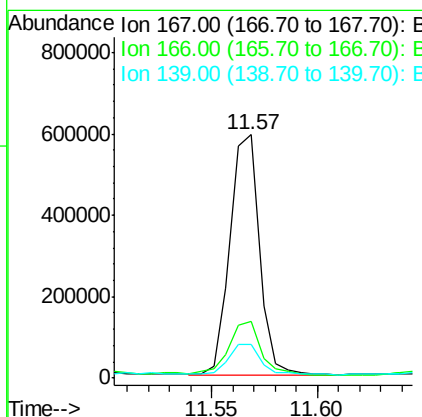
Sohil

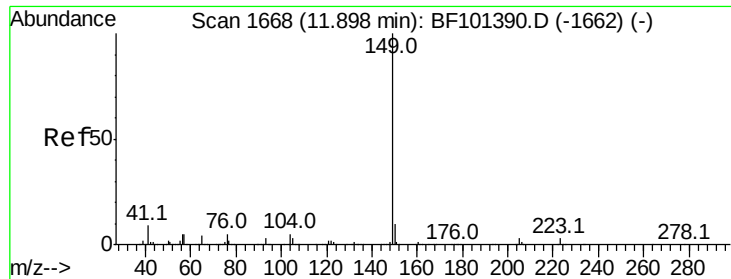
1/2/2018 1:05:06 PM



#72
 Carbazole
 Concen: 37.777 ng/mL
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	13.9	10.9	16.3



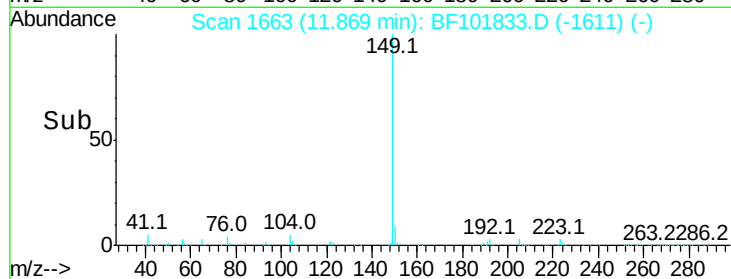
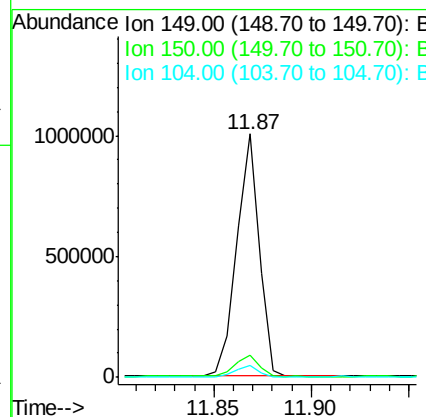
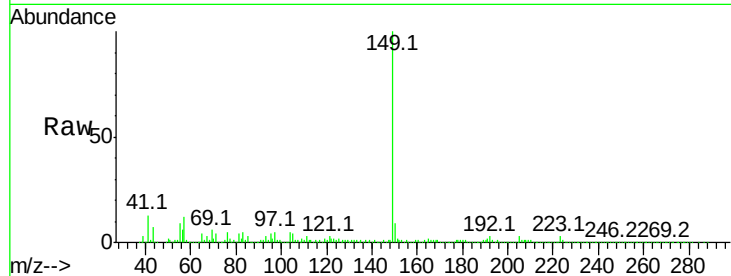


#73
Di-n-butylphthalate
Concen: 43.998 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

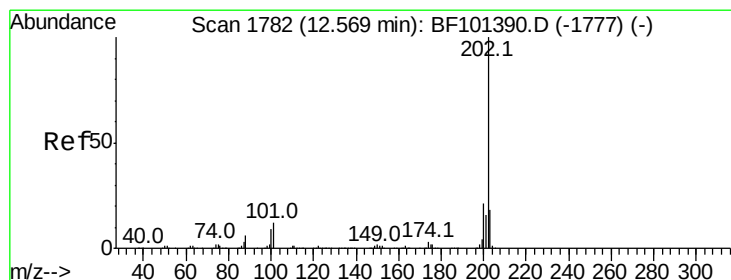
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.8	3.8	5.8	

Manual Integrations
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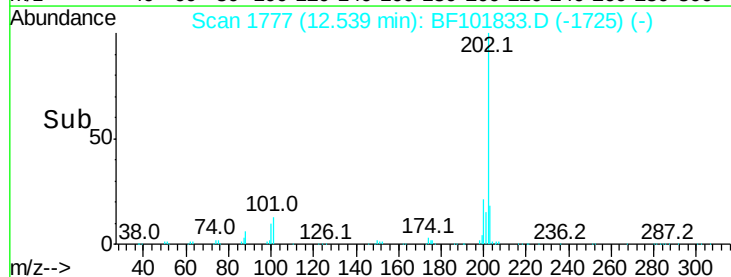
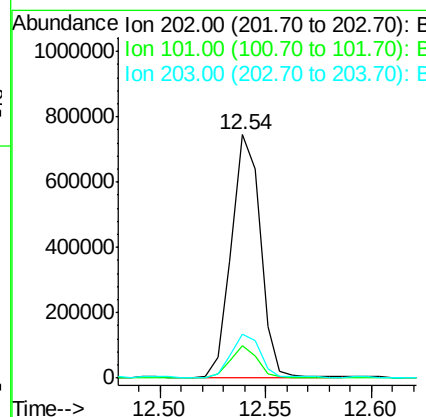
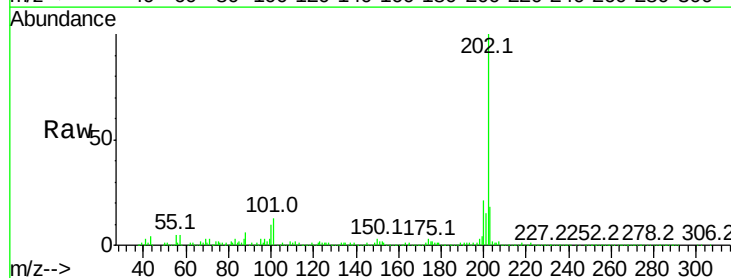
Sohil

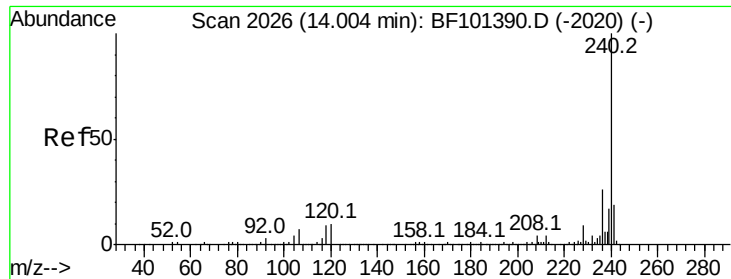
1/2/2018 1:05:06 PM



#74
Fluoranthene
Concen: 42.775 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.3	0.0	34.1	
203	18.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Instrument :

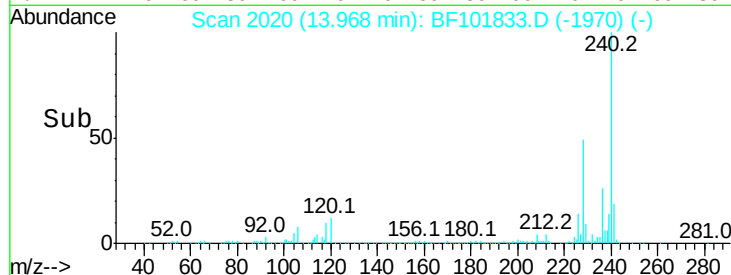
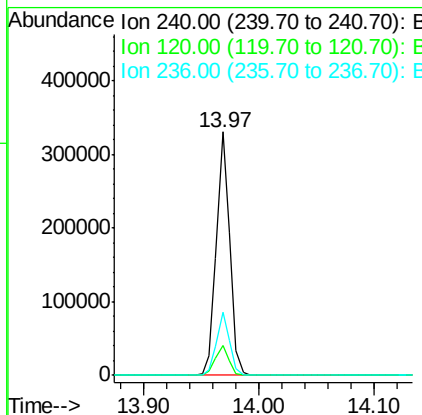
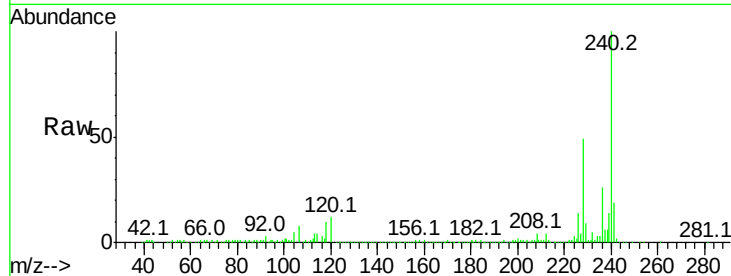
BNA_F

ClientSampled :

LB-4MSD

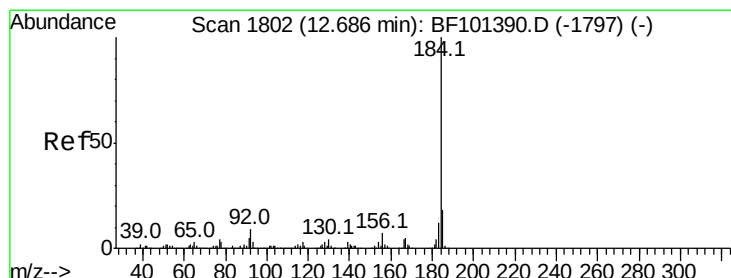
Tot Ion:	240	Resp:	267405
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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Sohil

1/2/2018 1:05:06 PM



#76

Benzidine

Concen: 26.784 ng

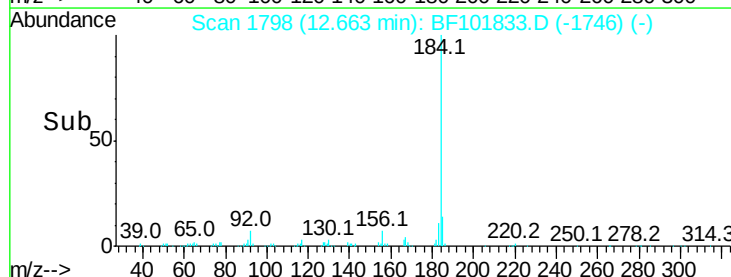
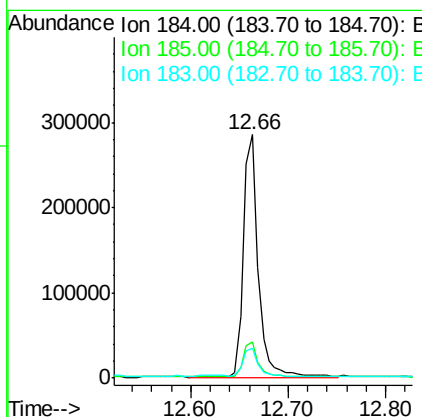
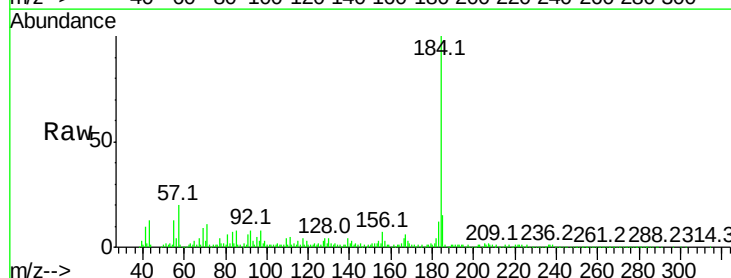
RT: 12.66 min Scan# 1798

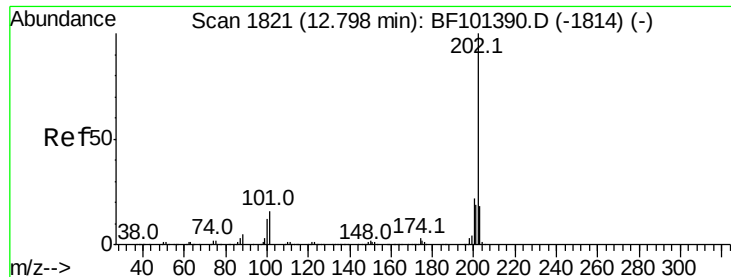
Delta R.T. 0.01 min

Lab File: BF101833.D

Acq: 29 Dec 2017 17:06

Tgt Ion:	184	Resp:	302491
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.2	9.3	13.9



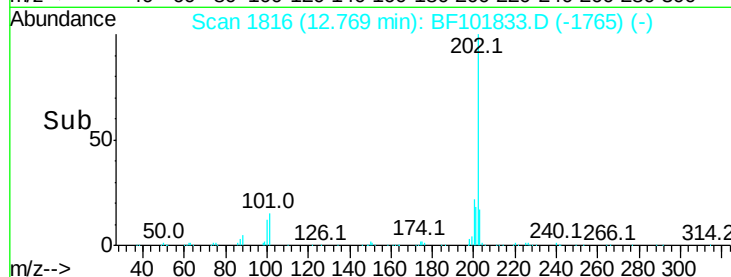
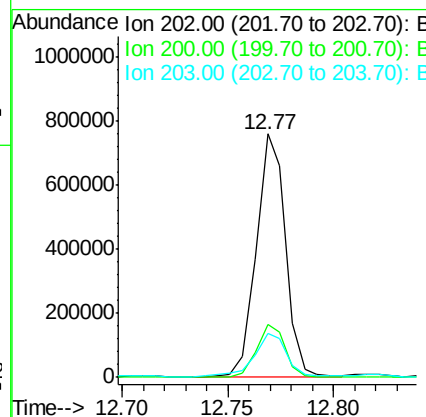
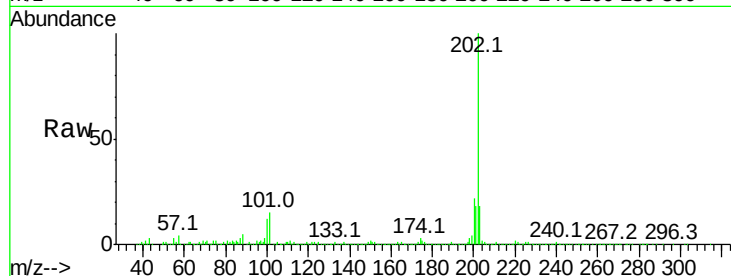


#77
Pvrene
Concen: 36.335 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

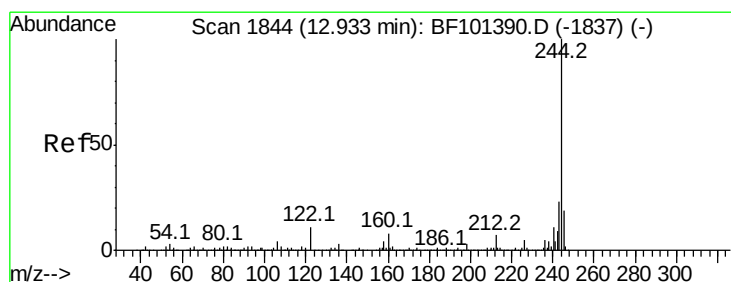
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

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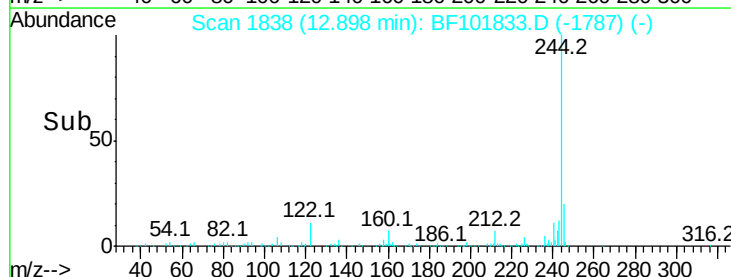
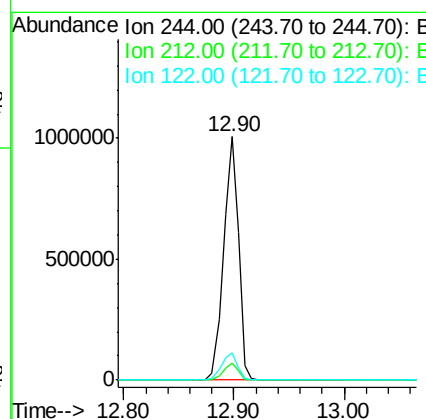
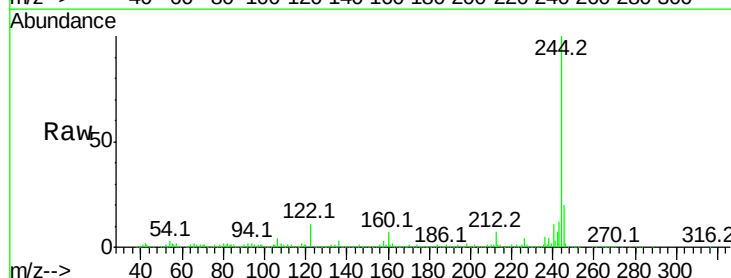
Sohil

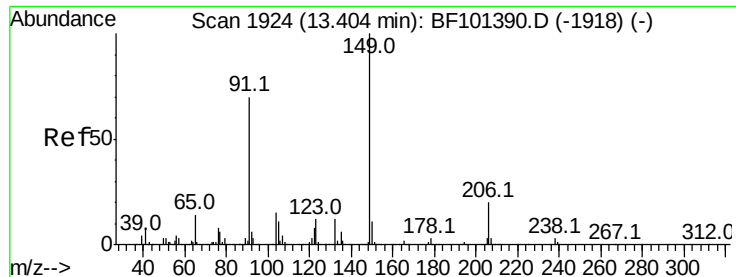
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#78
Terphenyl-d14
Concen: 84.774 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.2	11.0	16.4



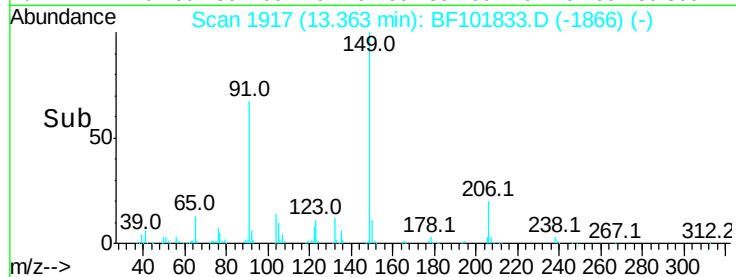
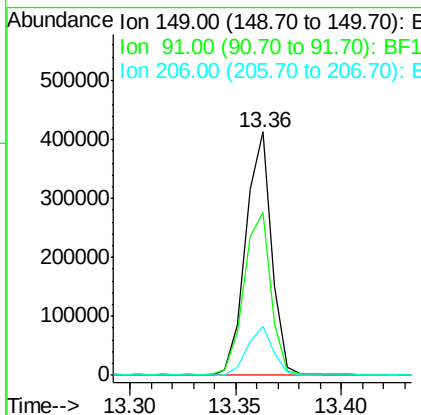
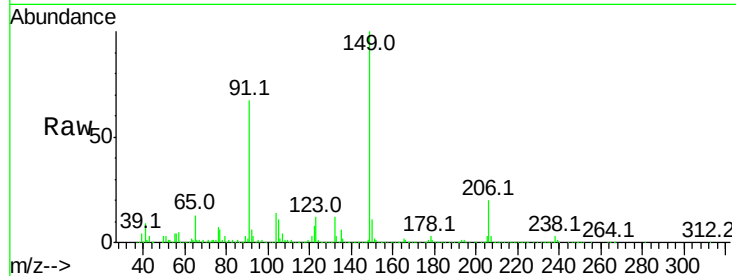


#79
Butylbenzylphthalate
Concen: 38.164 ng
RT: 13.36 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

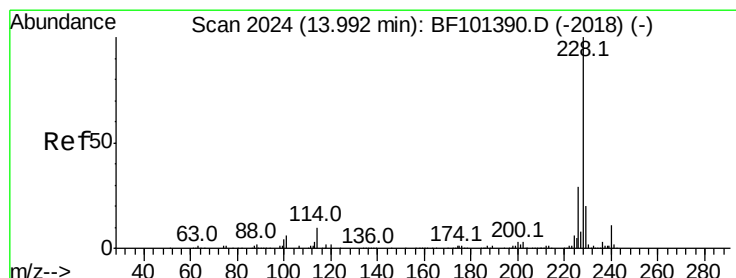
Tot Ion	Ratio	Resp	Lower	Upper
149	100	346550		
91	67.1	56.8	85.2	
206	20.4	14.1	21.1	

Manual Integrations
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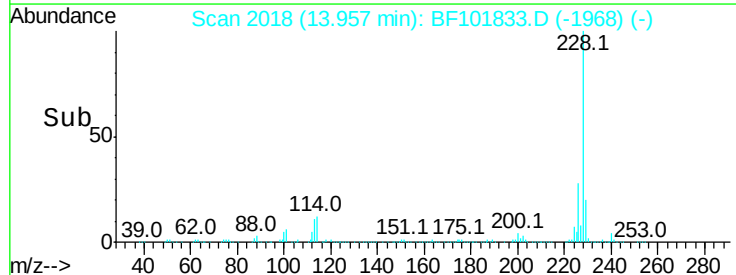
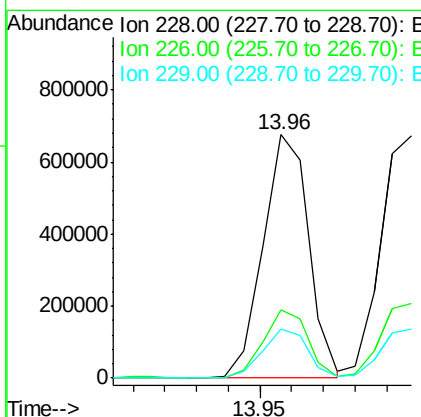
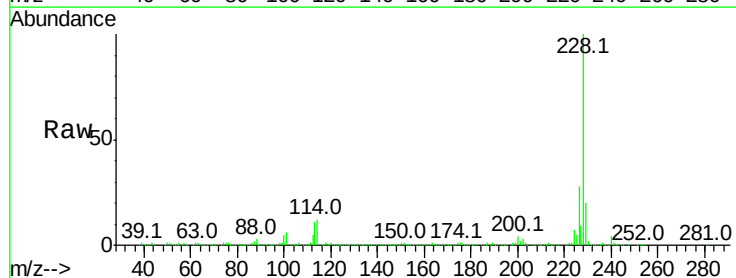
Sohil

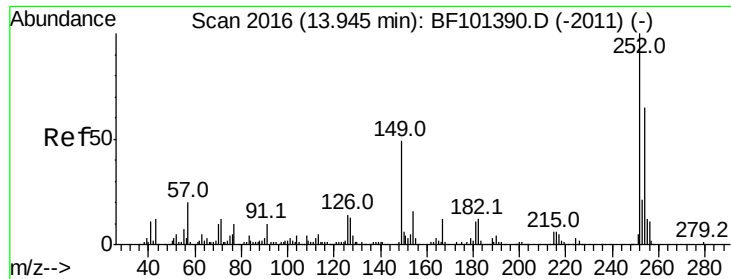
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#80
Benzo(a)anthracene
Concen: 38.211 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	674690		
226	28.1	22.6	33.8	
229	20.0	15.8	23.6	



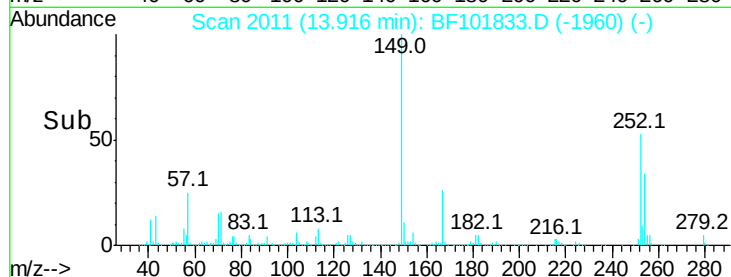
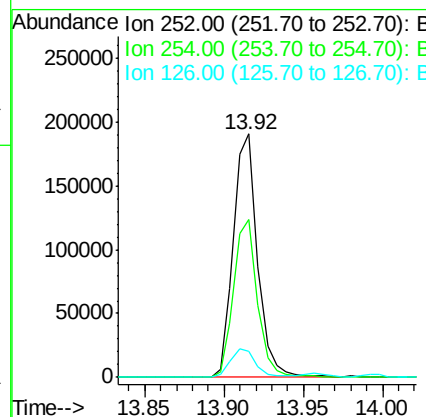
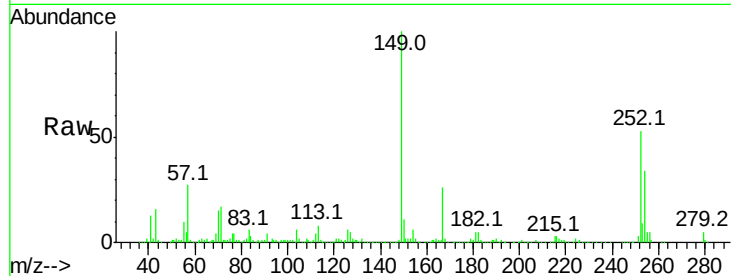


#81
 3,3'-Dichlorobenzidine
 Concen: 35.222 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampled :
 LB-4MSD

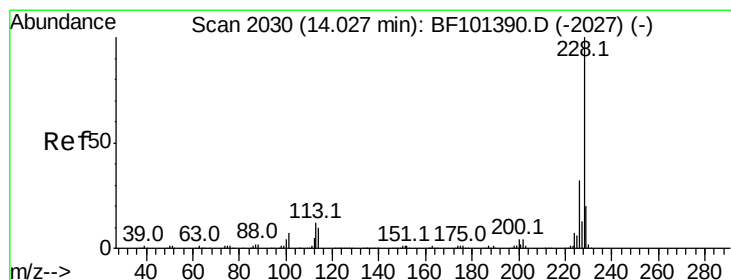
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	10.6	11.3	16.9

Manual Integrations
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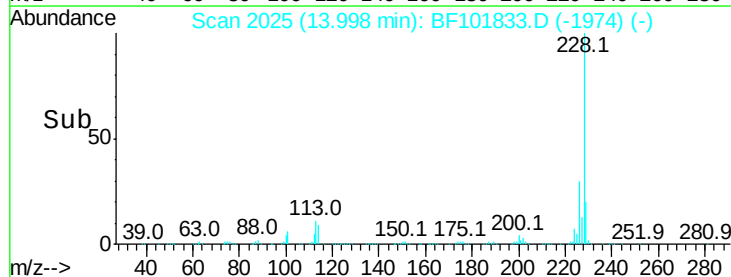
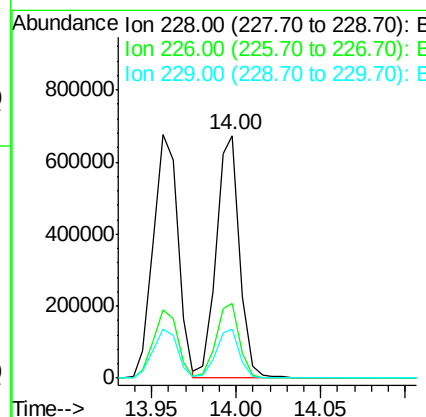
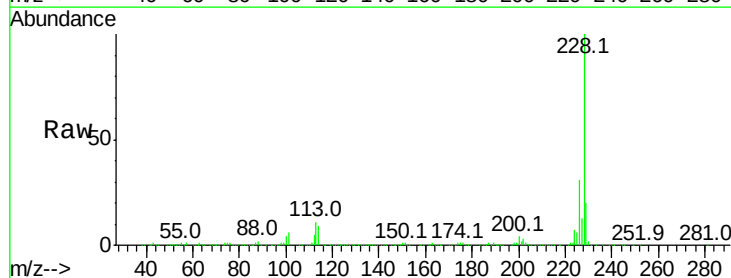
Sohil

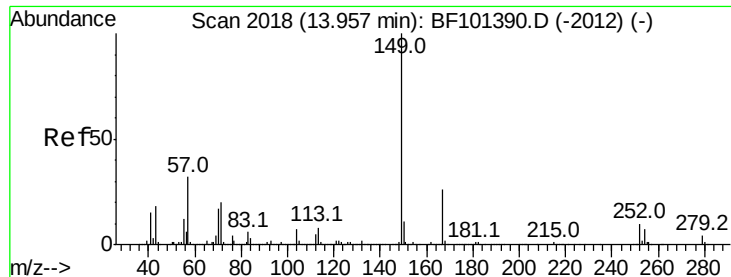
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#82
 Chrysene
 Concen: 39.023 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.4	16.2	24.4



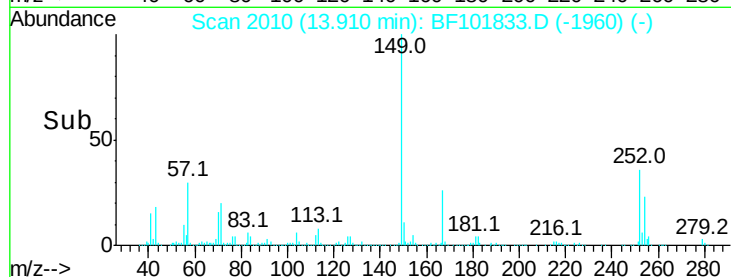
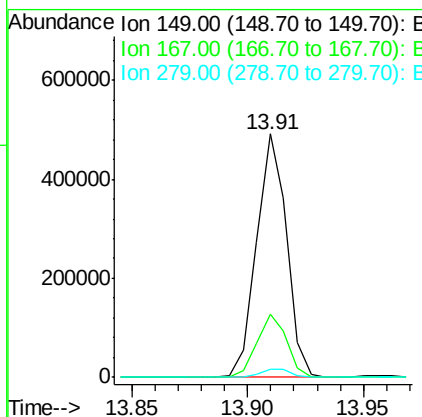
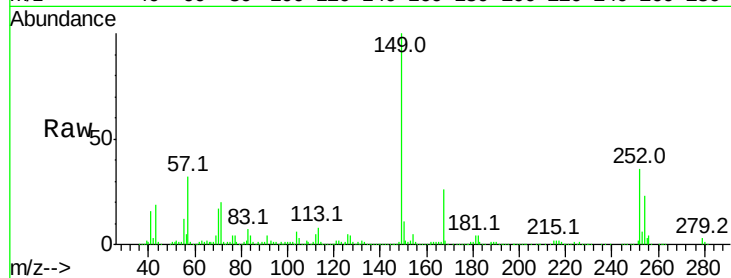


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.507 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

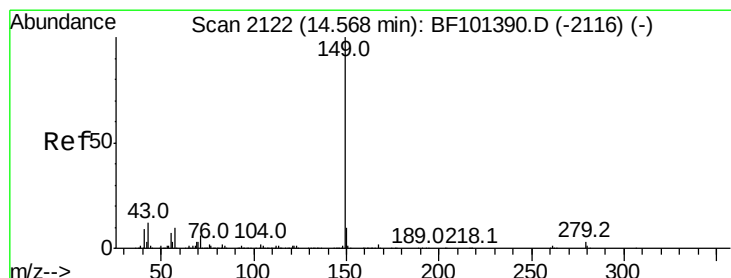
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.3	31.9	
279	3.4	3.0	4.4	

Manual Integrations
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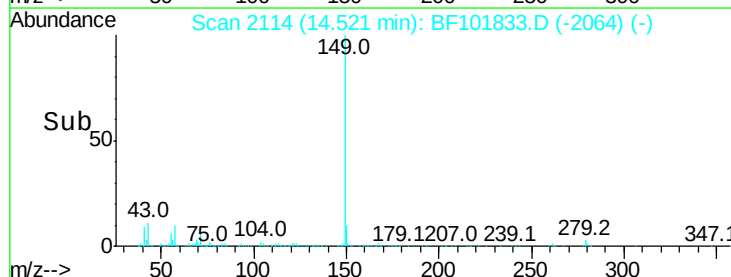
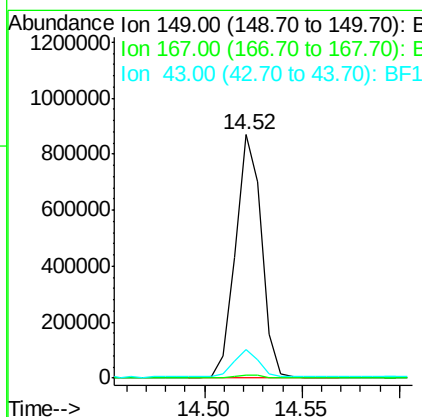
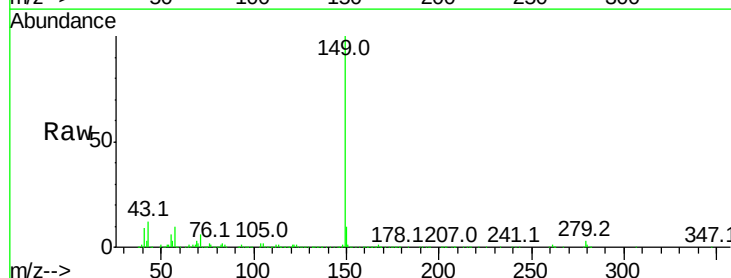
Sohil

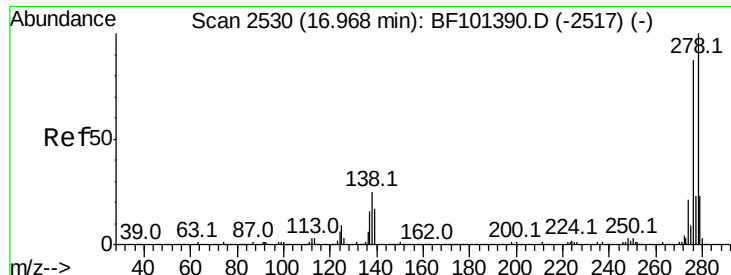
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#84
 Di-n-octyl phthalate
 Concen: 38.856 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.1	8.4	12.6	



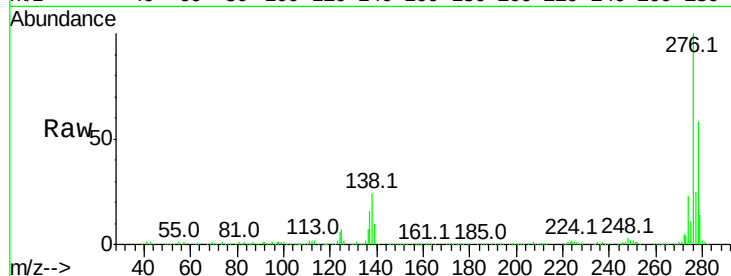


#85
Indeno(1,2,3-cd)pyrene
Concen: 41.866 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

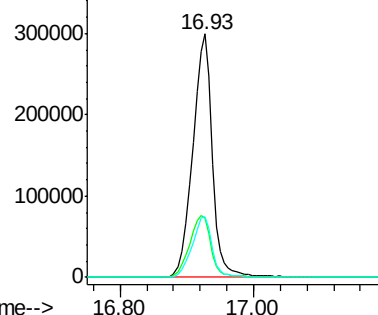
Instrument :
BNA_F
ClientSampled :
LB-4MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	25.7	20.1	30.1

Manual Integrations
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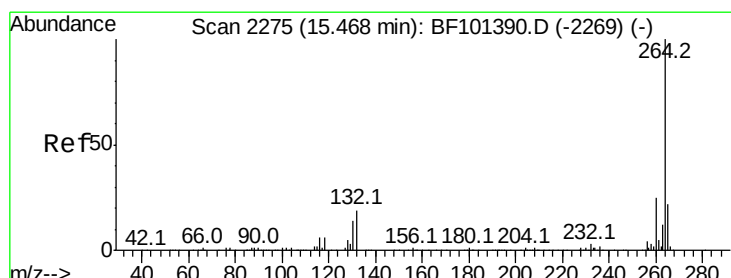
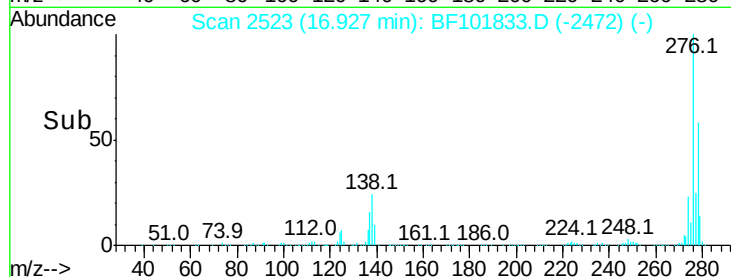


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Sohil

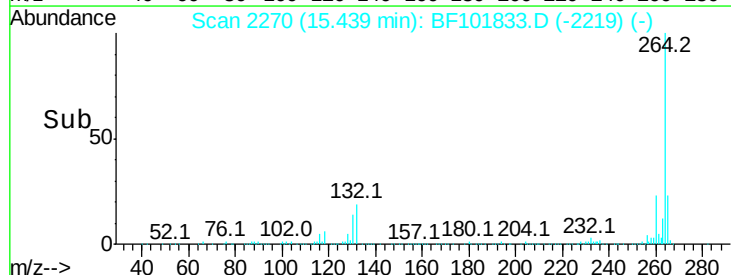
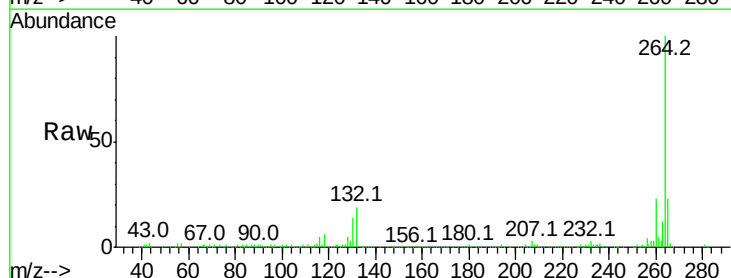
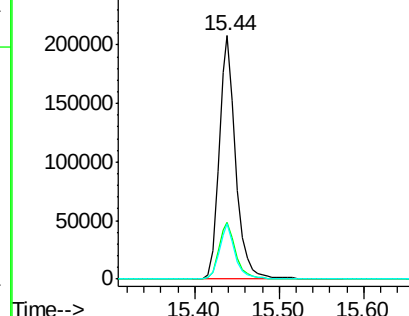
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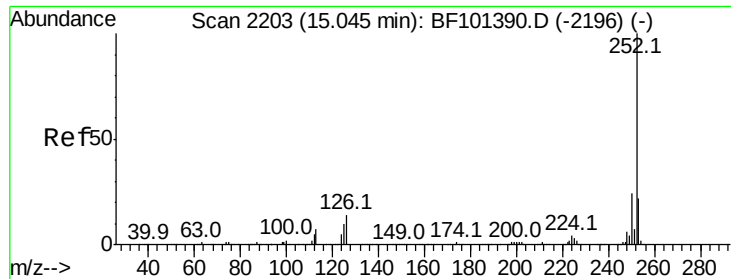


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3

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



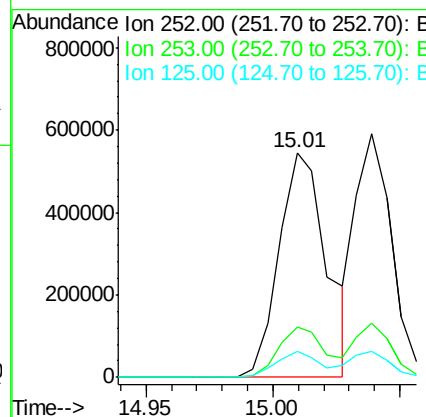
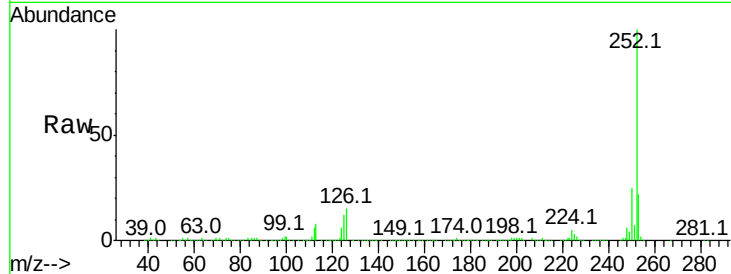


#87
Benzo(b)fluoranthene
Concen: 40.768 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

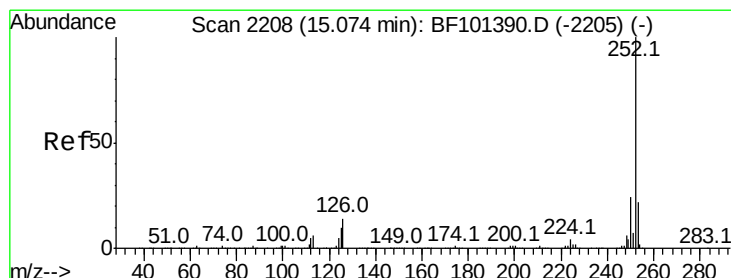
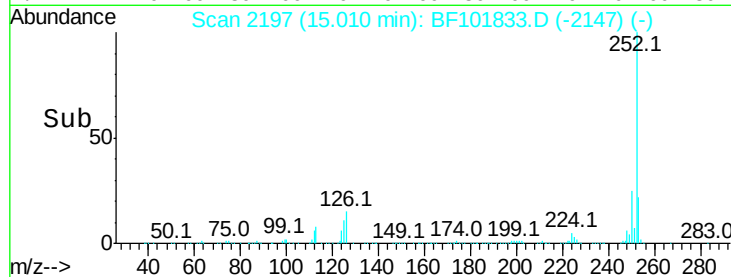
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.6	9.0	13.6

Manual Integrations
APPROVED



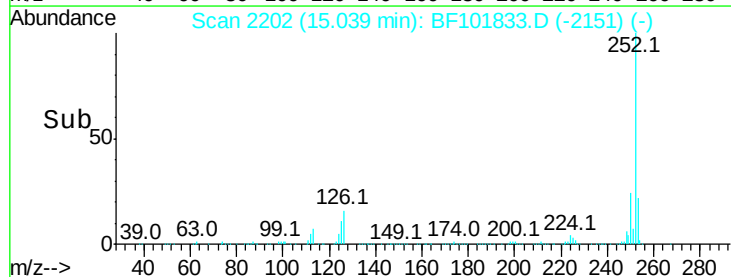
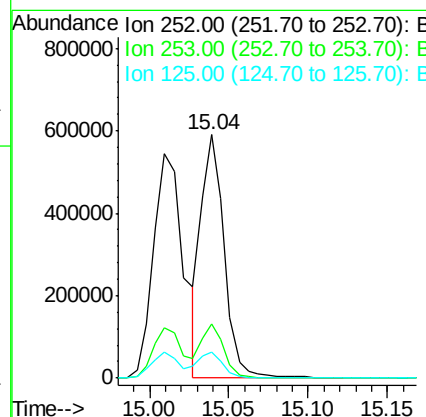
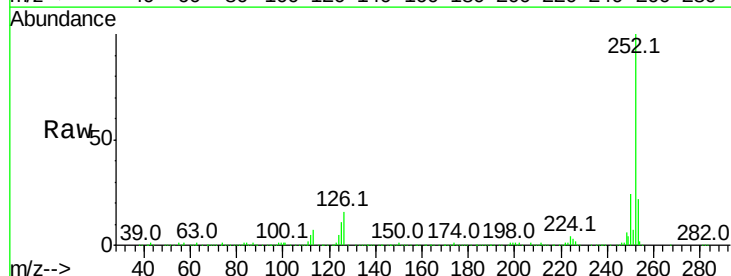
Sohil

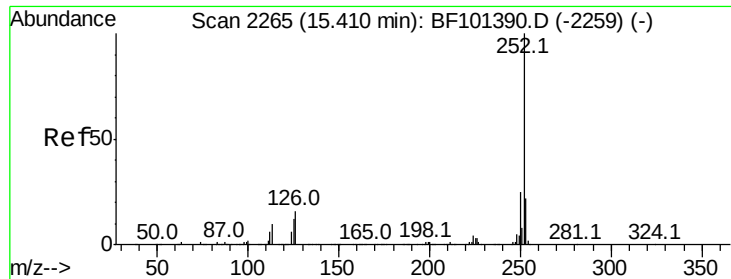
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#88
Benzo(k)fluoranthene
Concen: 34.858 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.9	10.2	15.2



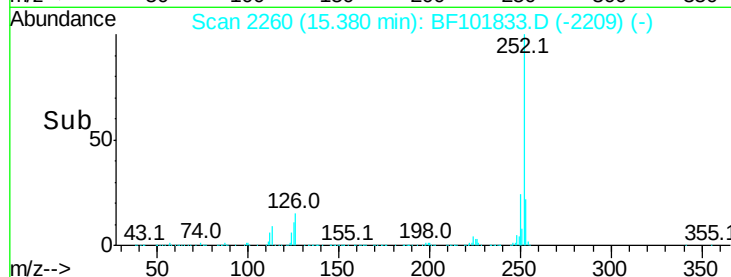
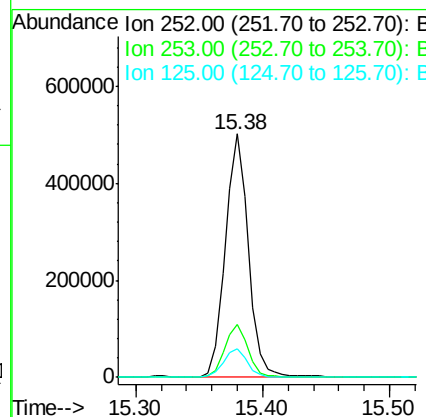
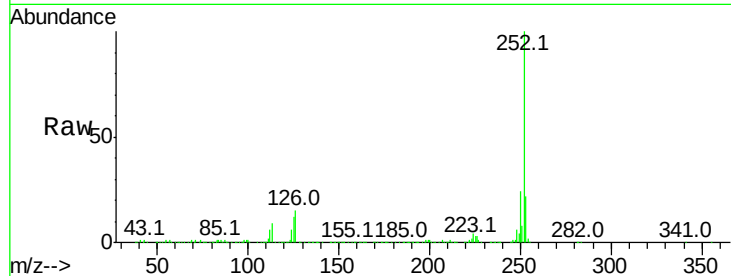


#89
Benzo(a)pyrene
Concen: 39.069 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Instrument :
BNA_F
ClientSampled :
LB-4MSD

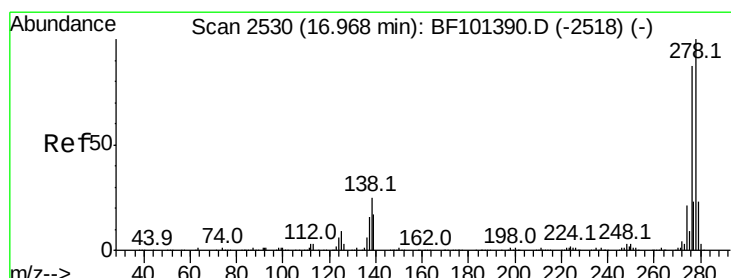
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	11.5	9.8	14.6

Manual Integrations
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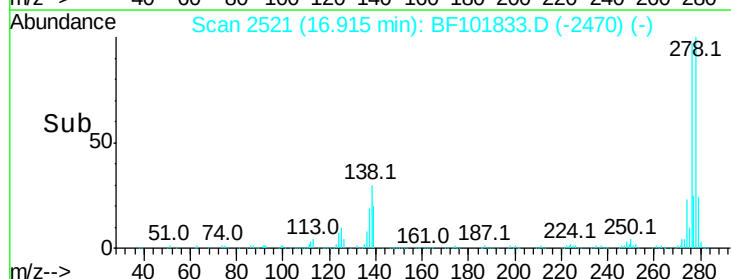
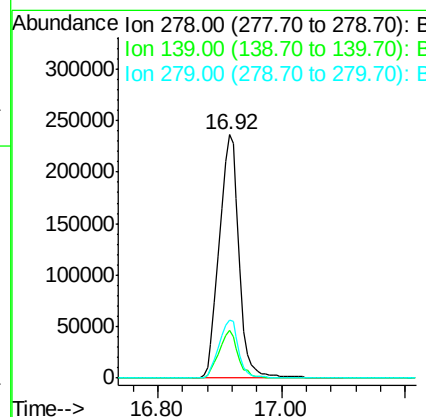
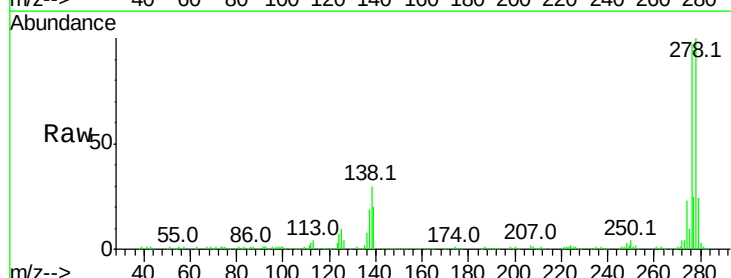
Sohil

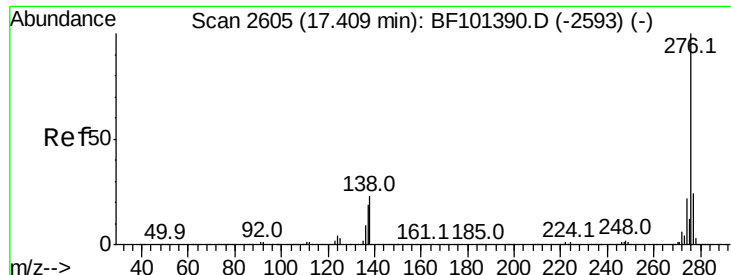
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#90
Dibenzo(a,h)anthracene
Concen: 37.844 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF101833.D
Acq: 29 Dec 2017 17:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	23.7	19.0	28.4



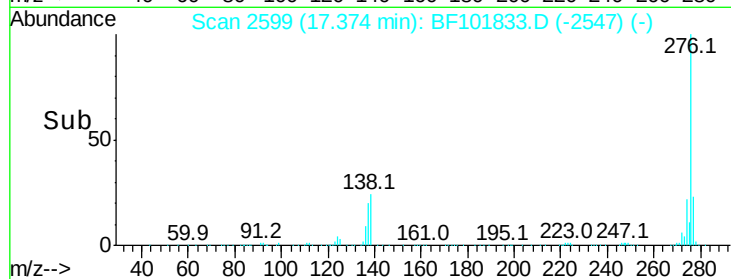
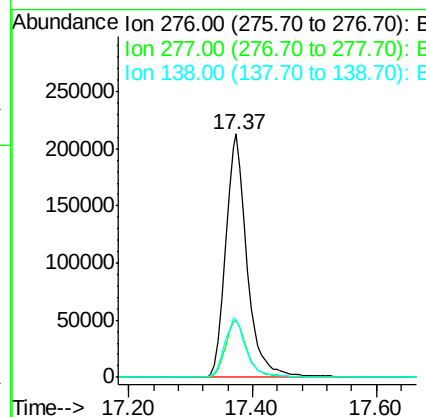
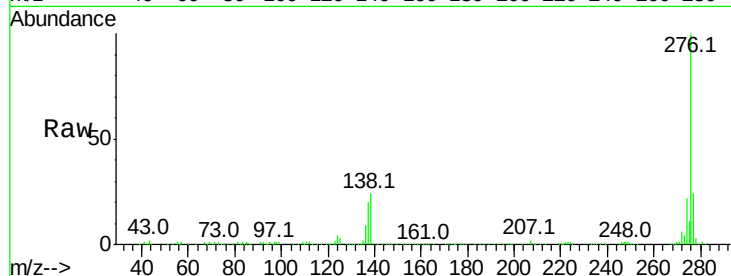


#91
 Benzo(a,h,i)perylene
 Concen: 37.135 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. 0.01 min
 Lab File: BF101833.D
 Acq: 29 Dec 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MSD

Tot Ion:	276	Resp:	511137
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.7	21.8	32.8

Manual Integrations
 APPROVED



Sohil

1/2/2018 1:05:06 PM