

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104453.D
 Acq On : 12 Apr 2018 16:15
 Operator : JU/SJ
 Sample : J2335-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3MS

Manual Integrations
 APPROVED

Sohil
 4/13/2018 4:44:05 PM

Quant Time: Apr 12 17:33:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134250	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	542165	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	232691	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	342197	20.00	ng	0.00
75) Chrysene-d12	14.00	240	232477	20.00	ng	0.00
86) Perylene-d12	15.46	264	218268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1155233	131.58	ng	0.02
7) Phenol-d6	6.46	99	1426195	132.21	ng	0.01
23) Nitrobenzene-d5	7.38	82	887095	106.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	300806	124.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1344202	91.26	ng	0.00
78) Terphenyl-d14	12.94	244	910394	89.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	161757	39.539	ng	89
3) Pyridine	3.33	79	481536	41.864	ng	88
4) n-Nitrosodimethylamine	3.29	42	175097	43.548	ng	# 82
6) Aniline	6.47	93	369886	24.679	ng	# 38
8) 2-Chlorophenol	6.60	128	442921	47.796	ng	93
9) Benzaldehyde	6.36	77	222724	41.231	ng	96
10) Phenol	6.47	94	551648	48.195	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	448013	49.049	ng	97
12) 1,3-Dichlorobenzene	6.75	146	469811	44.751	ng	97
13) 1,4-Dichlorobenzene	6.83	146	474694	45.360	ng	99
14) 1,2-Dichlorobenzene	6.99	146	432804	44.628	ng	98
15) Benzyl Alcohol	6.96	79	371934	45.394	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546583	44.558	ng	90
17) 2-Methylphenol	7.07	107	367415	45.611	ng	96
18) Hexachloroethane	7.32	117	161452	43.270	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	301562	42.779	ng	93
20) 3+4-Methylphenols	7.22	107	425086	42.549	ng	# 71
22) Acetophenone	7.23	105	581681	43.579	ng	96
24) Nitrobenzene	7.40	77	460066	50.187	ng	99
25) Isophorone	7.64	82	761523	43.373	ng	99
26) 2-Nitrophenol	7.72	139	248106	66.482	ng	92
27) 2,4-Dimethylphenol	7.75	122	355837	45.922	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	522527	48.675	ng	99
29) 2,4-Dichlorophenol	7.96	162	361148	48.847	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	375504	46.278	ng	99
31) Naphthalene	8.12	128	1175710	43.550	ng	99
32) Benzoic acid	7.85	122	74443	12.041	ng	98
33) 4-Chloroaniline	8.17	127	177051	15.308	ng	97
34) Hexachlorobutadiene	8.23	225	208486	46.910	ng	99
35) Caprolactam	8.55	113	124361m	48.217	ng	
36) 4-Chloro-3-methylphenol	8.66	107	391306	49.359	ng	99
37) 2-Methylnaphthalene	8.81	142	739646	42.355	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	328373	49.298	ng	99
40) Hexachlorocyclopentadiene	8.96	237	143046	38.360	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	247134	53.447	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	252657	48.829	nq	96
45) 1,1'-Biphenyl	9.27	154	935162	47.840	nq	99
46) 2-Chloronaphthalene	9.30	162	738751	47.846	nq	99
47) 2-Nitroaniline	9.40	65	231791	60.704	nq	97
48) Acenaphthylene	9.72	152	1055880	43.586	nq	100
49) Dimethylphthalate	9.58	163	963072	52.485	nq	99
50) 2,6-Dinitrotoluene	9.65	165	191615	56.434	nq	# 87
51) Acenaphthene	9.89	154	644662	43.615	nq	100
52) 3-Nitroaniline	9.81	138	136574	34.358	nq	97
53) 2,4-Dinitrophenol	9.92	184	50707	46.104	nq	# 18
54) Dibenzofuran	10.06	168	933057	45.298	nq	99
55) 4-Nitrophenol	9.98	139	304469	97.509	nq	92
56) 2,4-Dinitrotoluene	10.05	165	235076	52.782	nq	99
57) Fluorene	10.40	166	637692	42.533	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	178332	46.197	nq	96
59) Diethylphthalate	10.28	149	805569	44.081	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	330308	49.469	nq	97
61) 4-Nitroaniline	10.43	138	169800	43.688	nq	98
62) Azobenzene	10.56	77	732506	41.955	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	60244	37.963	nq	# 74
65) n-Nitrosodiphenylamine	10.52	169	646036	54.450	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	201619	55.392	nq	96
67) Hexachlorobenzene	10.95	284	209350	51.115	nq	96
68) Atrazine	11.05	200	190675	53.241	nq	98
69) Pentachlorophenol	11.15	266	214769	84.763	nq	96
70) Phenanthrene	11.37	178	852618	44.741	nq	99
71) Anthracene	11.42	178	837522	43.235	nq	99
72) Carbazole	11.58	167	828393	43.763	nq	99
73) Di-n-butylphthalate	11.91	149	1026514	44.393	nq	99
74) Fluoranthene	12.58	202	787463	39.550	nq	97
76) Benzidine	12.69	184	331762	42.984	nq	97
77) Pyrene	12.80	202	776305	45.050	nq	100
79) Butylbenzylphthalate	13.41	149	371778	45.795	nq	98
80) Benzo(a)anthracene	13.99	228	670662	48.289	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	181459	35.042	nq	98
82) Chrysene	14.03	228	654011	45.846	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	505367	48.397	nq	99
84) Di-n-octyl phthalate	14.59	149	852792	48.877	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	592796	48.917	nq	97
87) Benzo(b)fluoranthene	15.04	252	646920	46.928	nq	96
88) Benzo(k)fluoranthene	15.07	252	552558	42.457	nq	98
89) Benzo(a)pyrene	15.40	252	566496	45.928	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	486564	48.030	nq	98
91) Benzo(g,h,i)perylene	17.37	276	477883	48.691	nq	95

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

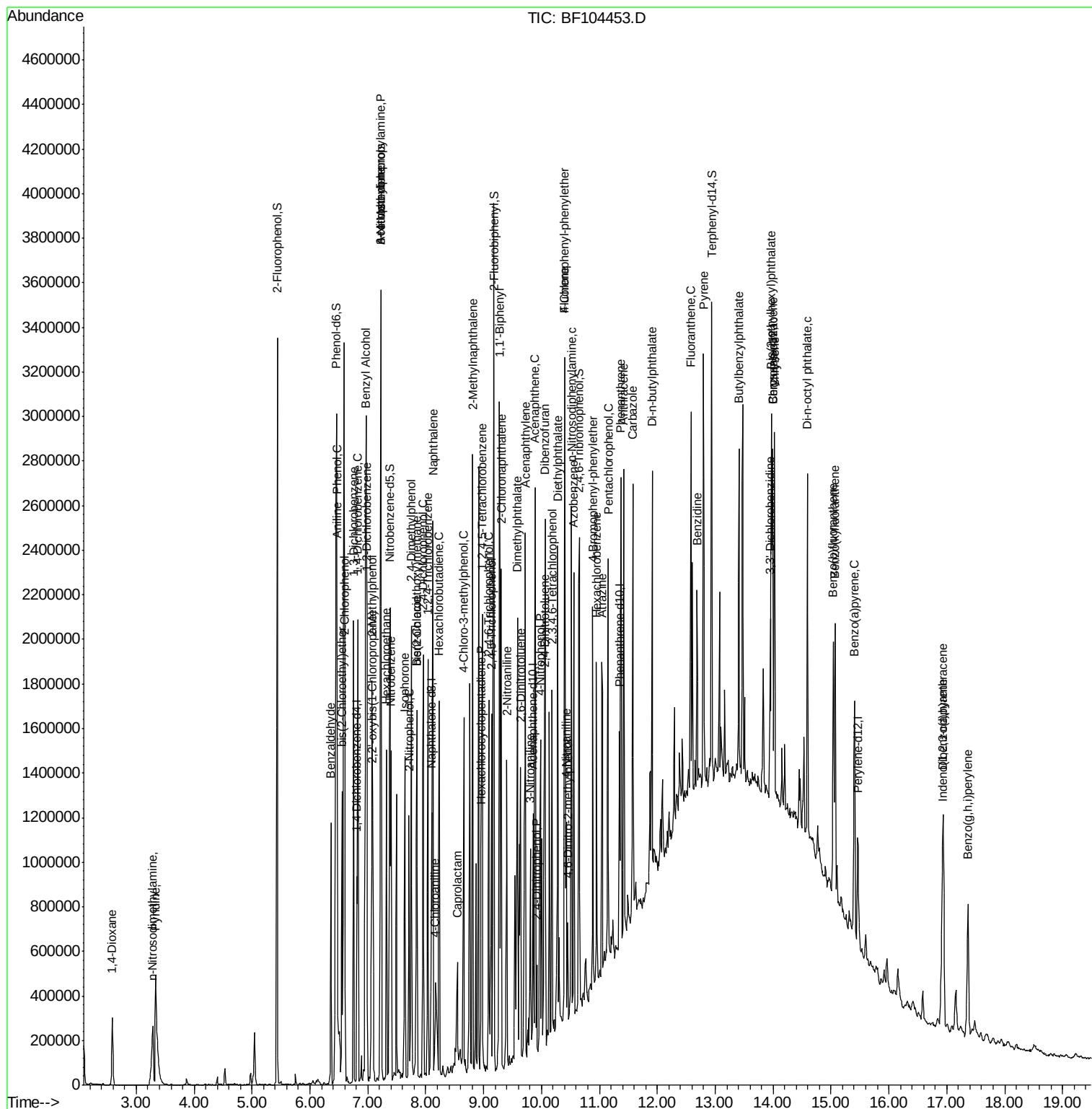
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\  
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Acq On    : 12 Apr 2018   16:15  
Operator  : JU/SJ  
Sample    : J2335-05MS  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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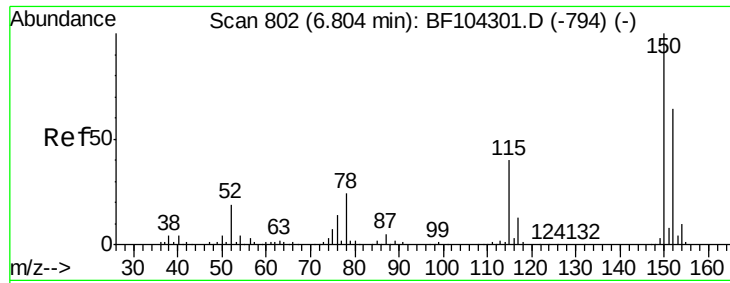
Instrument :
BNA_F
ClientSampleId :
S3MS

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#1

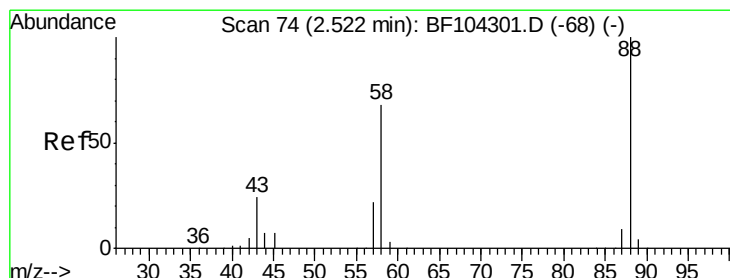
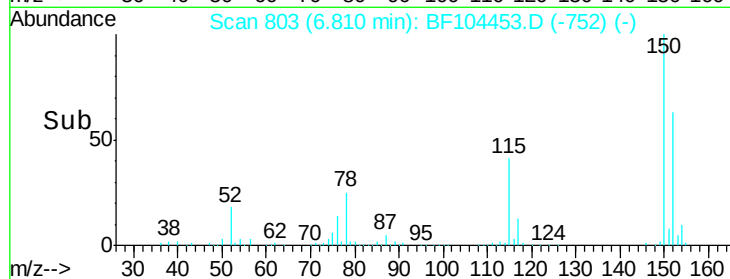
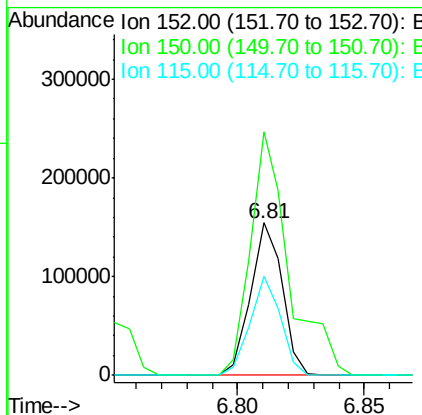
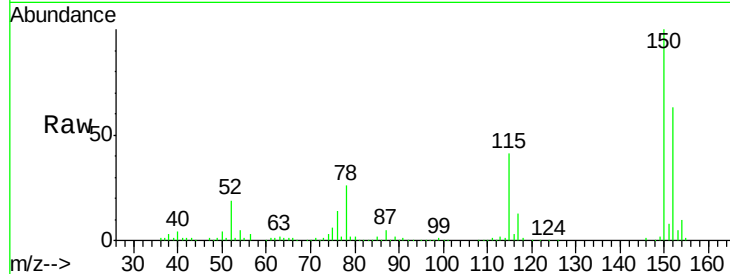
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	65.3	50.1	75.1

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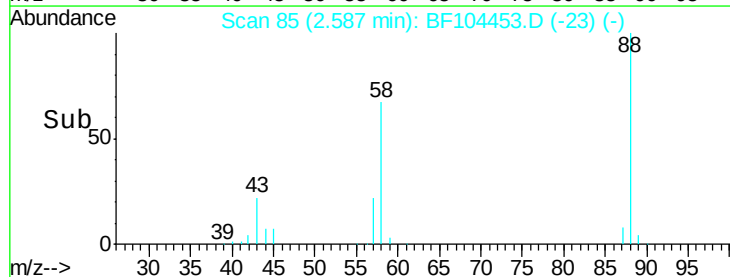
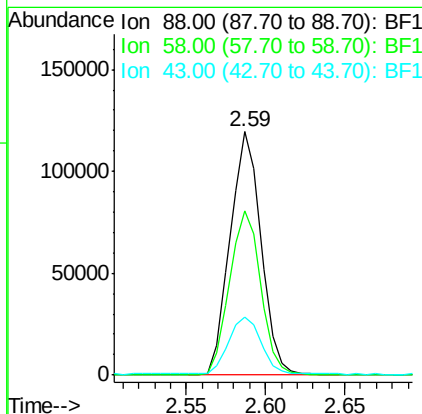
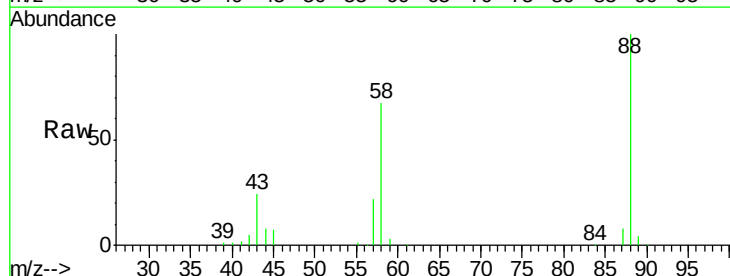
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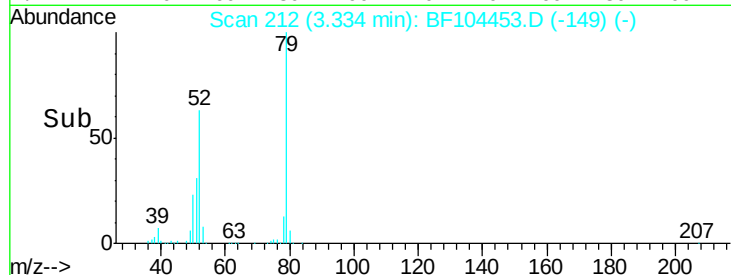
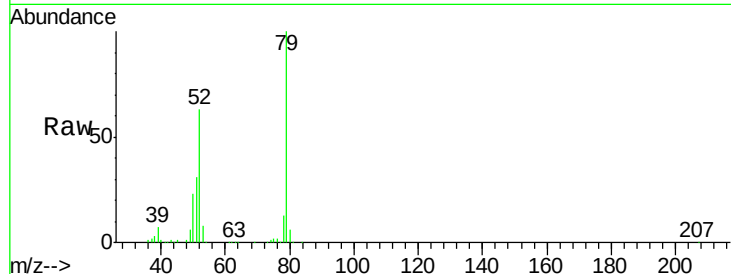
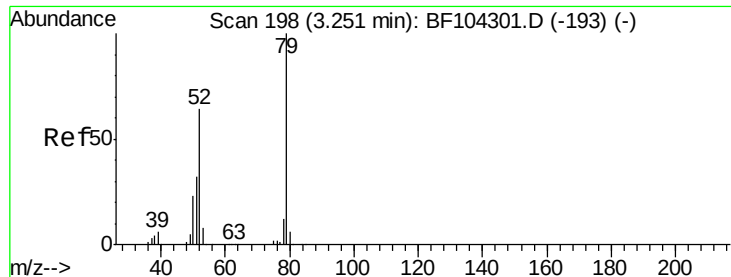


#2

1,4-Dioxane
Concen: 39.539 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.06 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	62.6	93.8
43	25.1	24.6	37.0





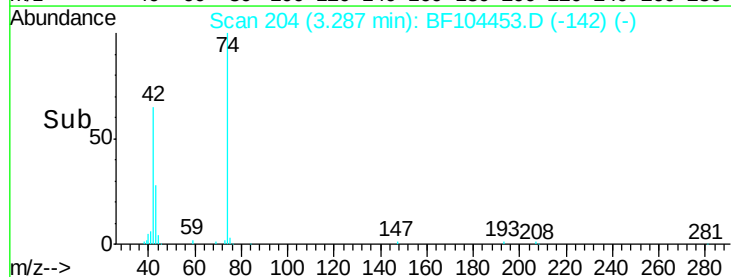
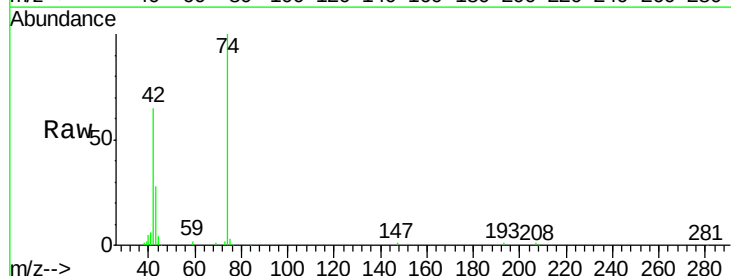
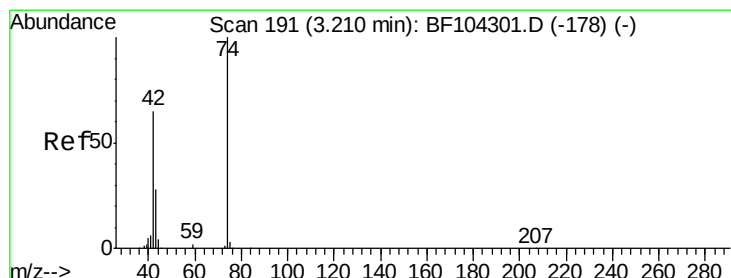
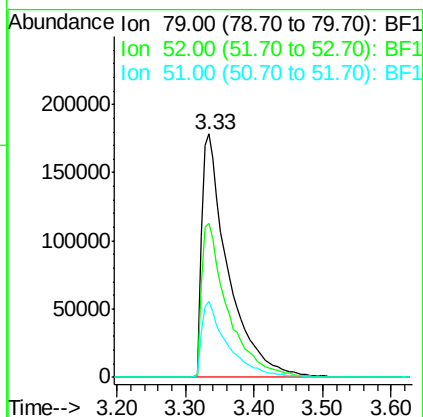
#3
 Pvridine
 Concen: 41.864 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.07 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	481536		
52	52	63.4		59.8	89.6
51	51	31.0		29.8	44.8

Instrument :
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 ClientSampleId :
 S3MS

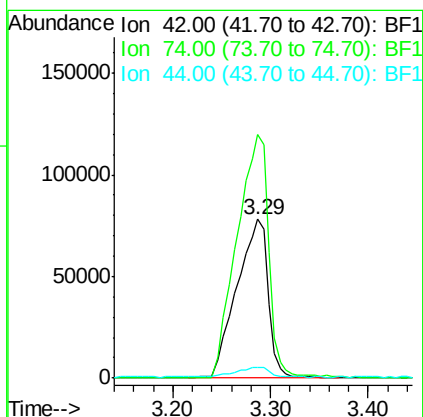
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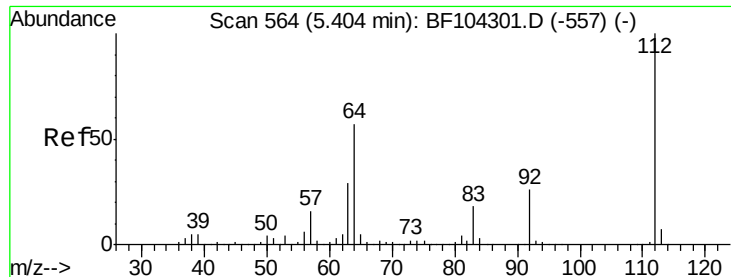
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#4
 n-Nitrosodimethylamine
 Concen: 43.548 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	175097		
74	74	153.4		104.9	157.3
44	44	6.8		6.9	10.3#





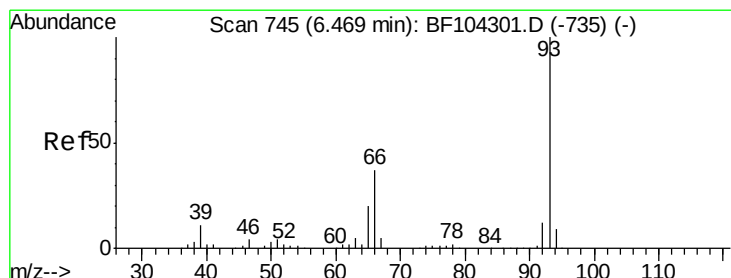
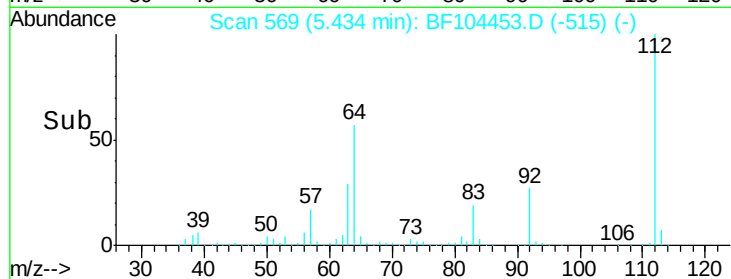
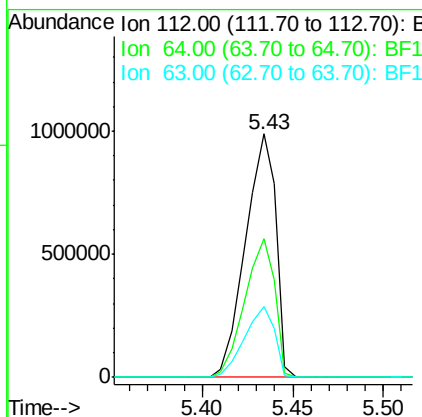
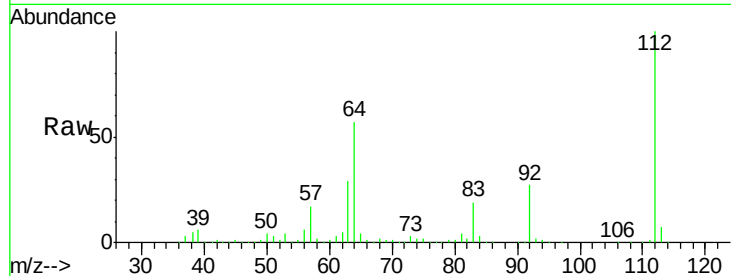
#5
2-Fluorophenol
Concen: 131.577 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.0	23.7	35.5

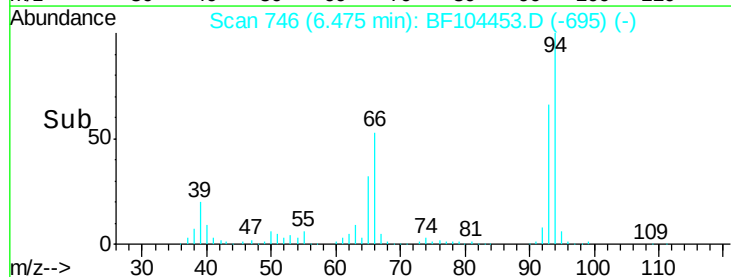
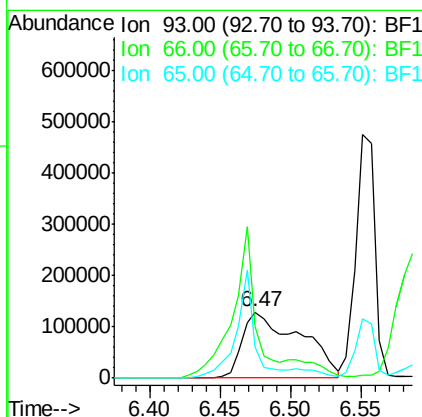
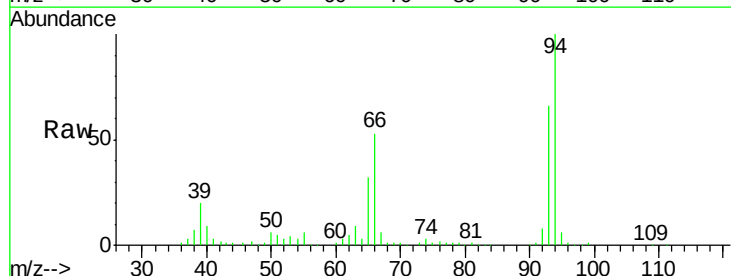
Manual Integrations
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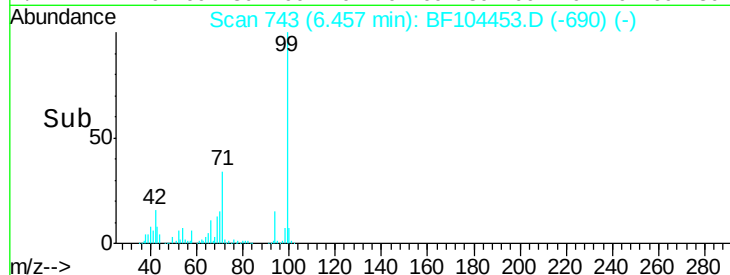
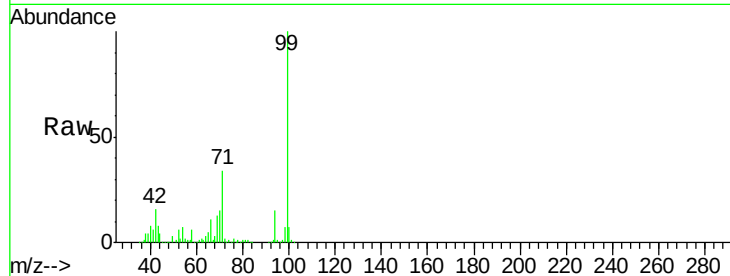
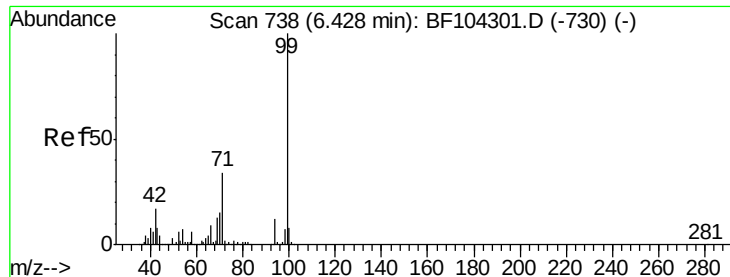
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#6
Aniline
Concen: 24.679 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
93	100		
66	79.5	32.2	48.2#
65	48.1	16.4	24.6#





#7

Phenol-d6

Concen: 132.206 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tot Ion:	99	Resp:	1426195
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	34.5	25.4	38.0

Instrument :

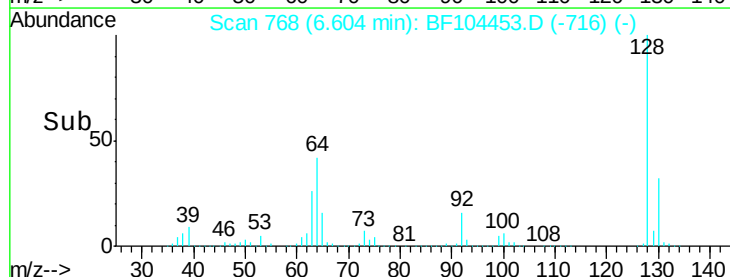
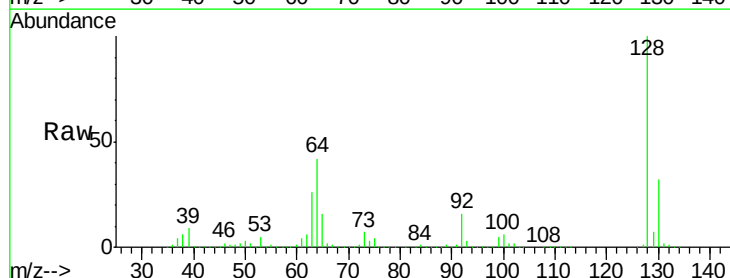
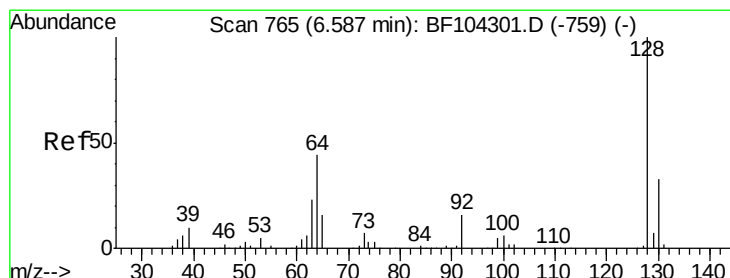
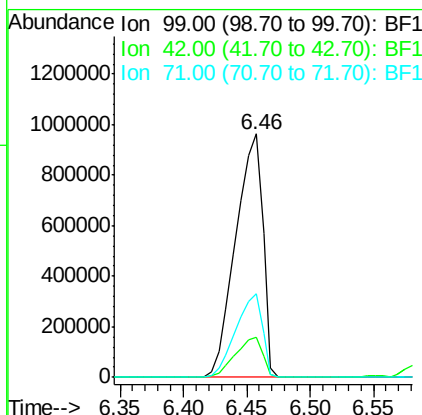
BNA_F

ClientSampleId :

S3MS

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#8

2-Chlorophenol

Concen: 47.796 ng

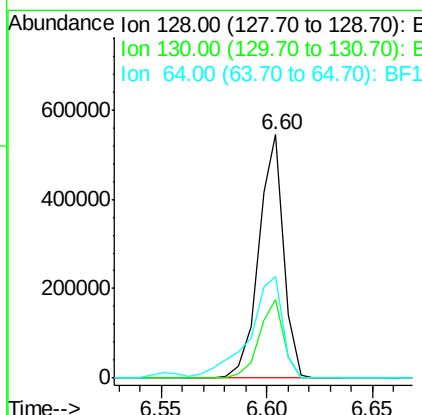
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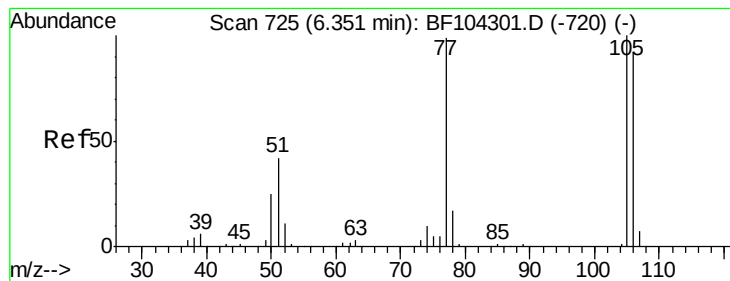
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	128	Resp:	442921
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	41.8	29.4	69.4





#9

Benzaldehyde

Concen: 41.231 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

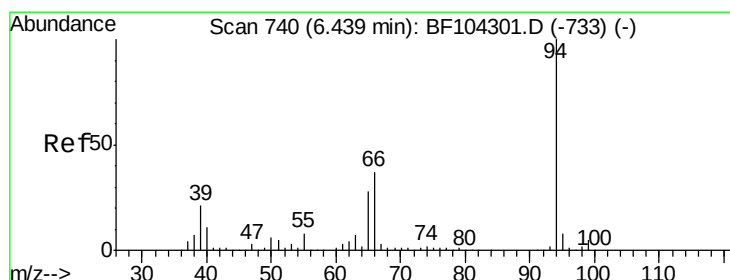
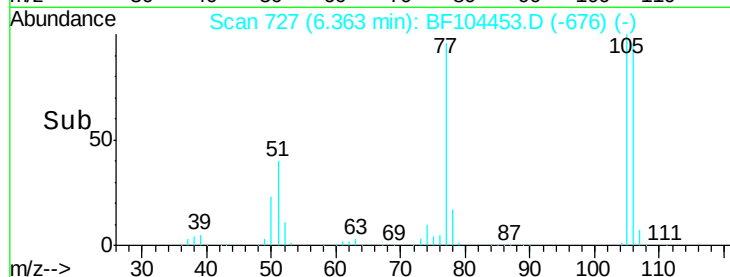
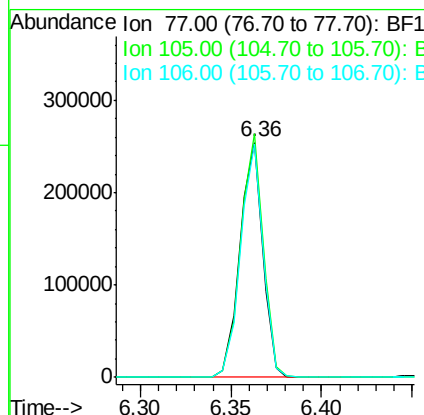
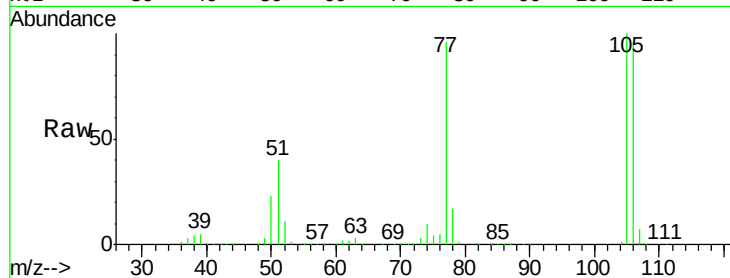
ClientSampleId :

S3MS

Tot Ion:	77	Resp:	222724
Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.1	121.1
106	99.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 48.195 ng

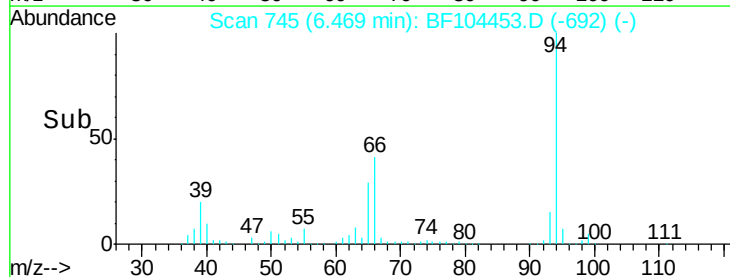
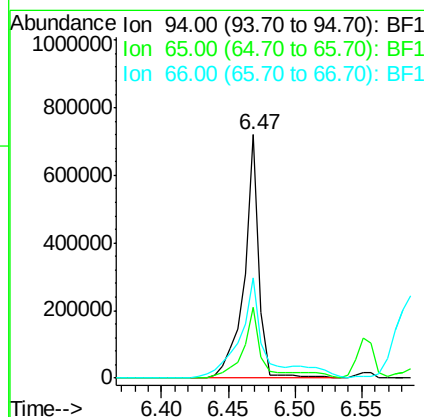
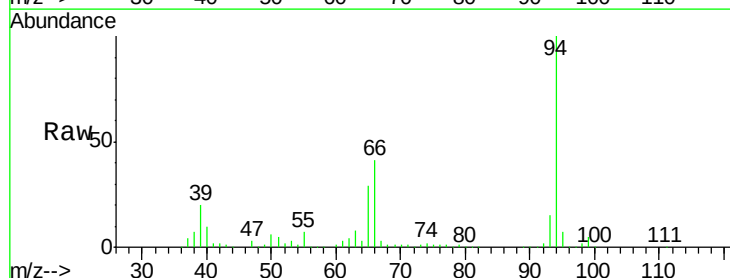
RT: 6.47 min Scan# 745

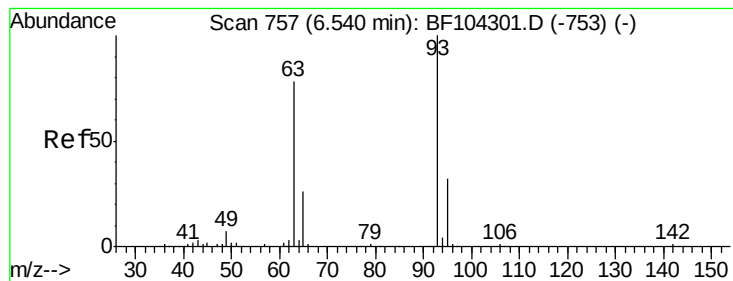
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	94	Resp:	551648
Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	41.0	16.2	56.2





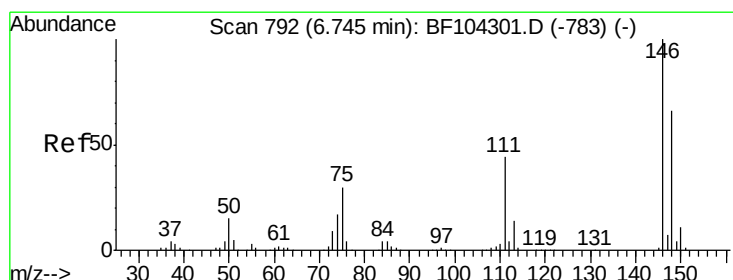
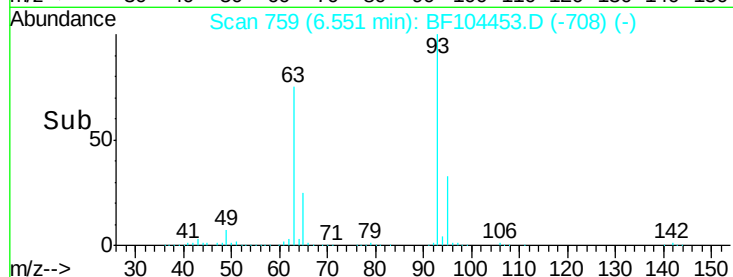
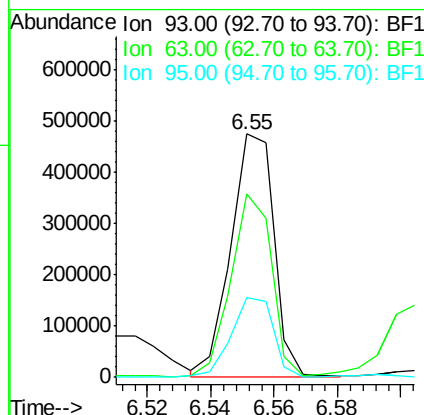
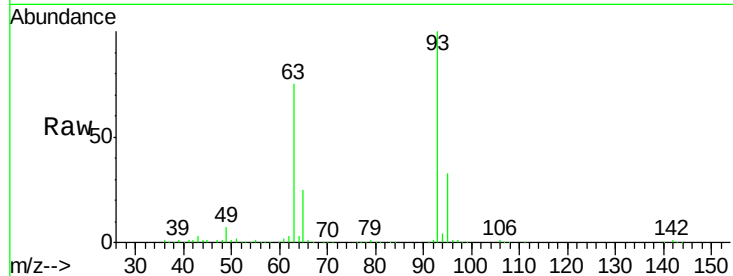
#11
bis(2-Chloroethyl)ether
Concen: 49.049 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.6	98.6
95	32.6	11.8	51.8

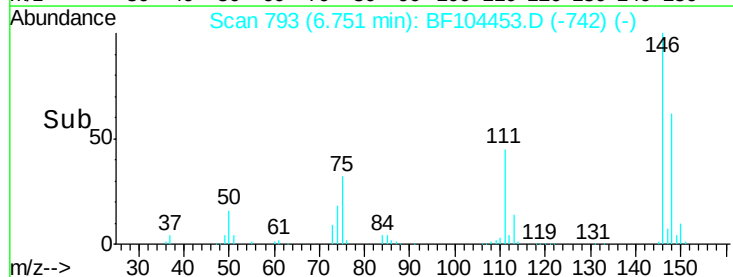
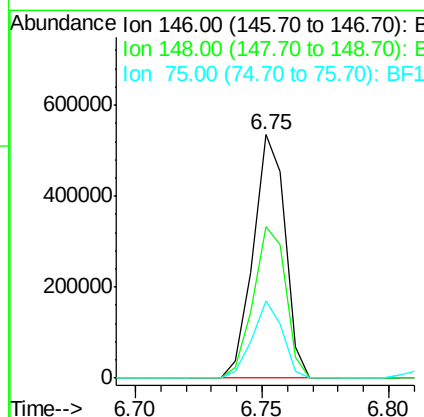
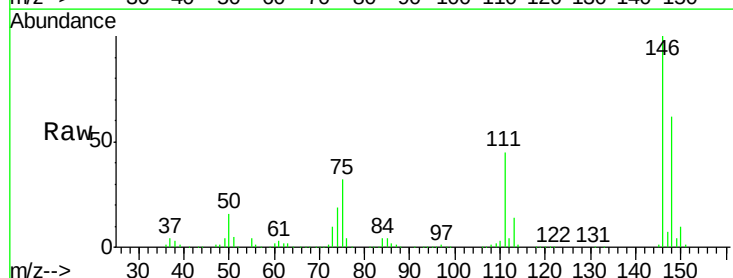
Manual Integrations
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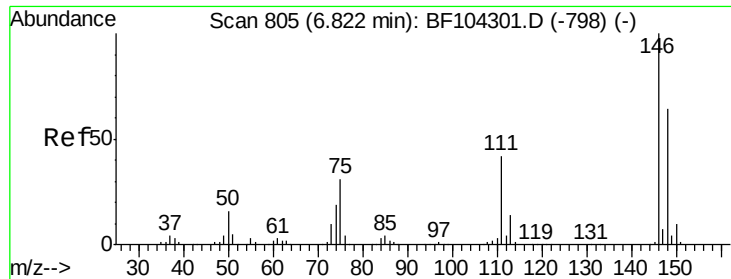
Sohil
4/13/2018 4:44:05 PM



#12
1,3-Dichlorobenzene
Concen: 44.751 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.8
75	31.9	24.2	36.4





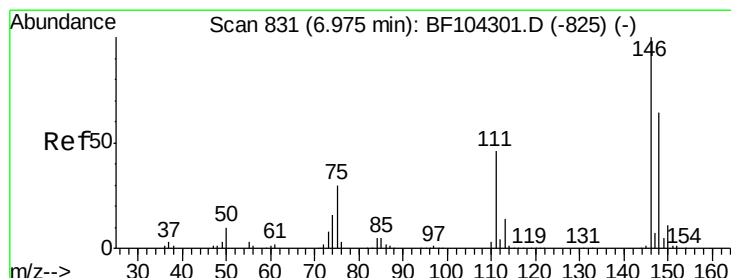
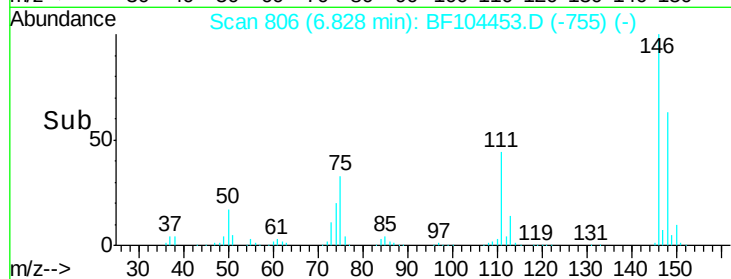
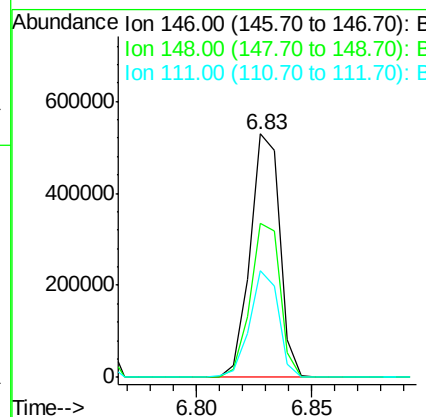
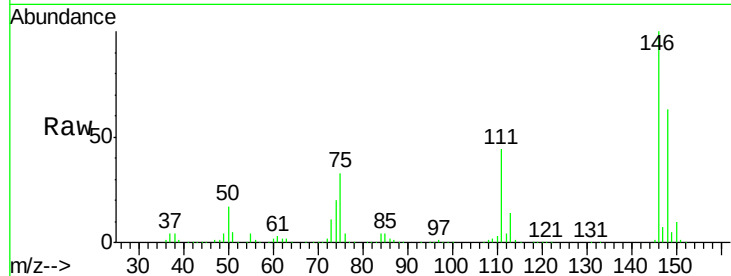
#13
 1,4-Dichlorobenzene
 Concen: 45.360 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampled :
 S3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	44.0	34.2	51.2

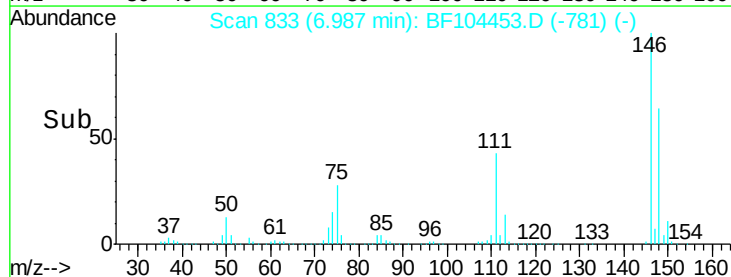
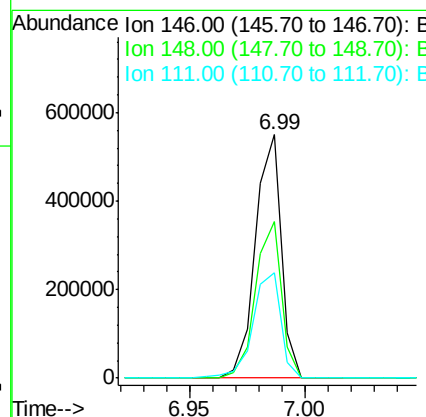
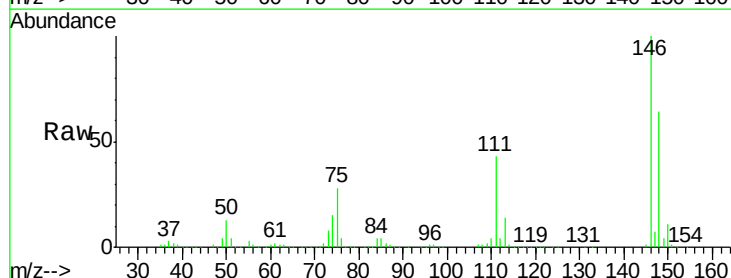
Manual Integrations
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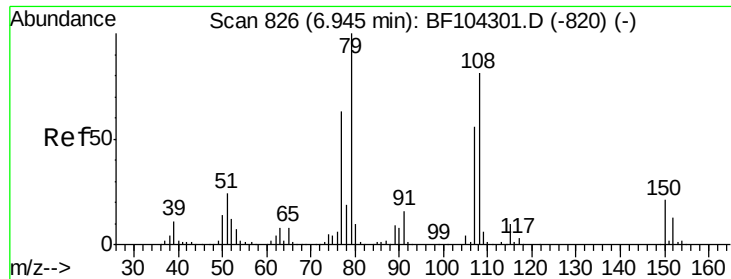
Sohil
 4/13/2018 4:44:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.628 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	43.2	36.0	54.0





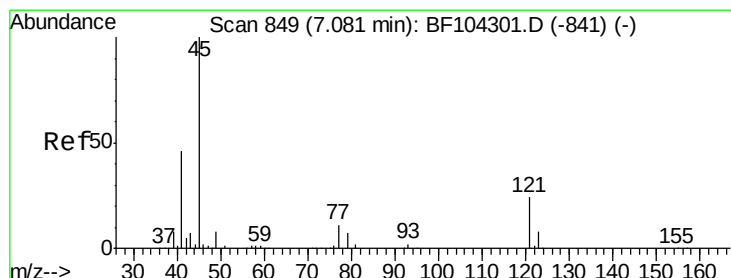
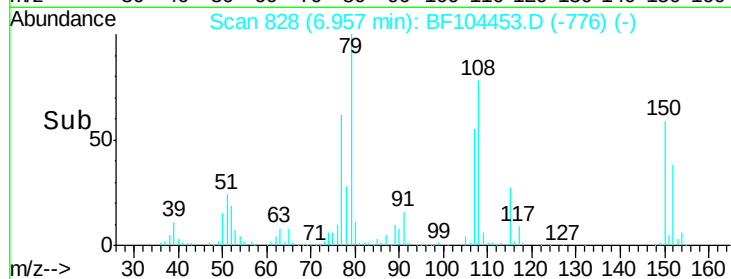
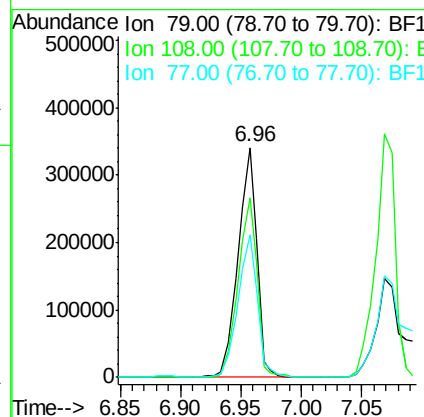
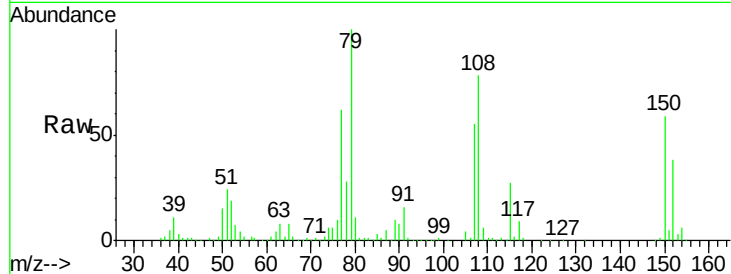
#15
Benzyl Alcohol
Concen: 45.394 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	65.1	97.7
77	61.9	50.6	75.8

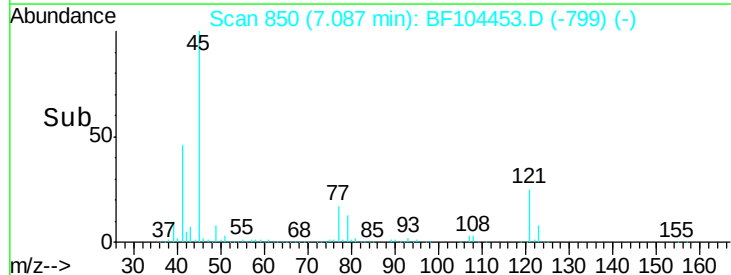
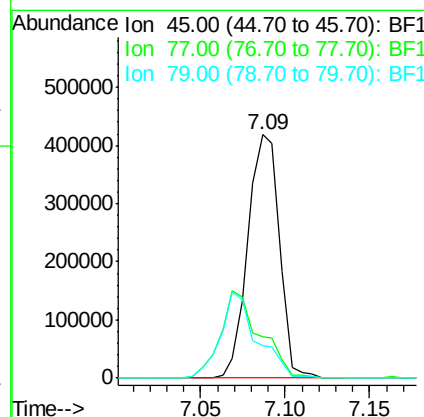
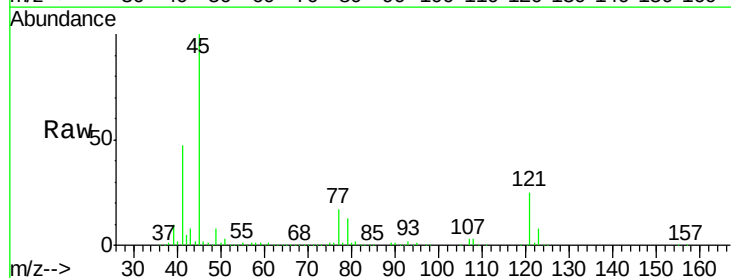
Manual Integrations
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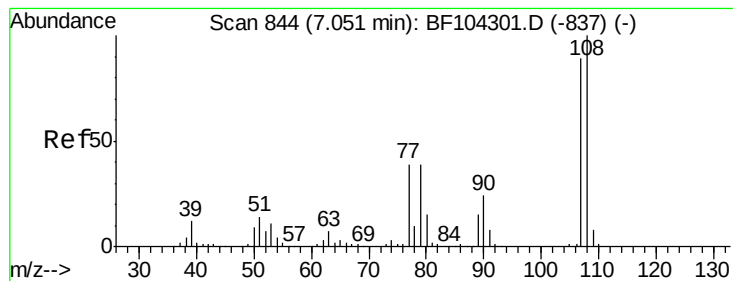
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.558 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	32.9
79	13.2	0.0	29.6





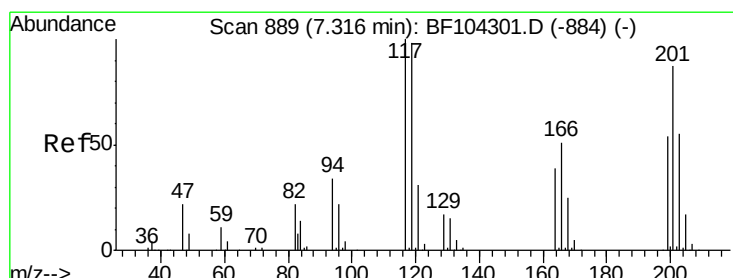
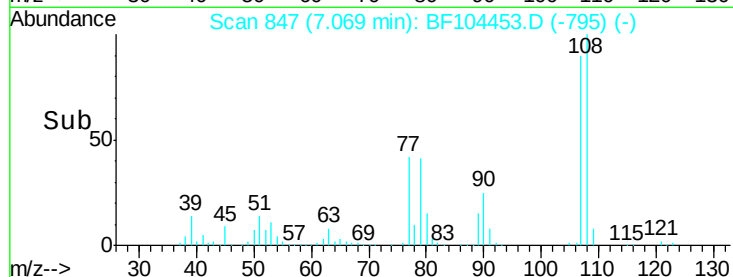
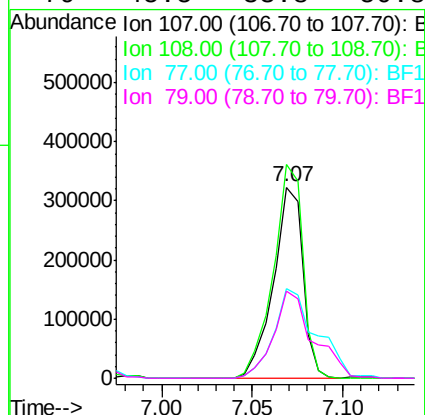
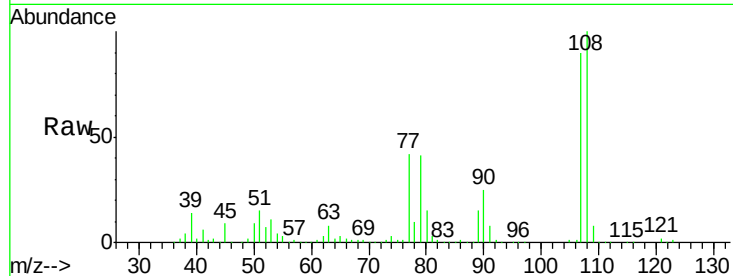
#17
2-Methylphenol
Concen: 45.611 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	91.7	137.5	
77	46.8	33.8	50.8	
79	45.5	33.8	50.8	

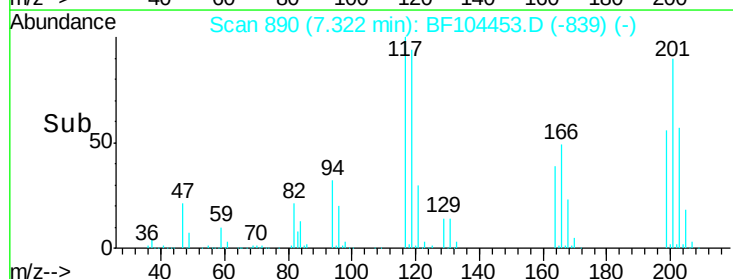
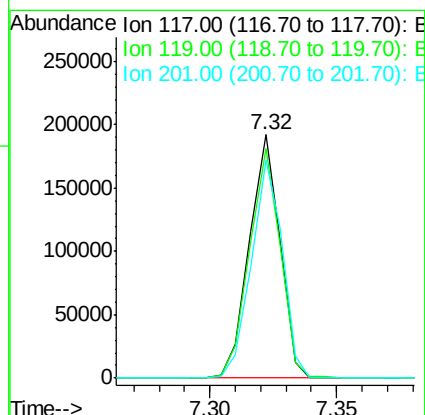
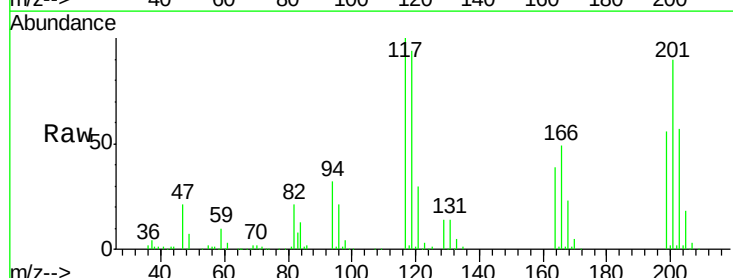
Manual Integrations
APPROVED

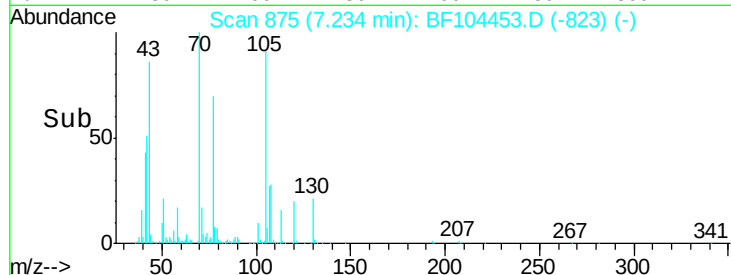
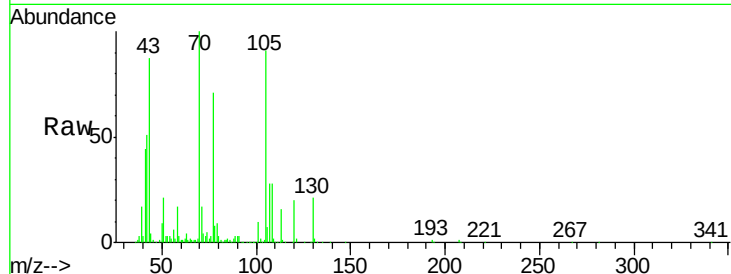
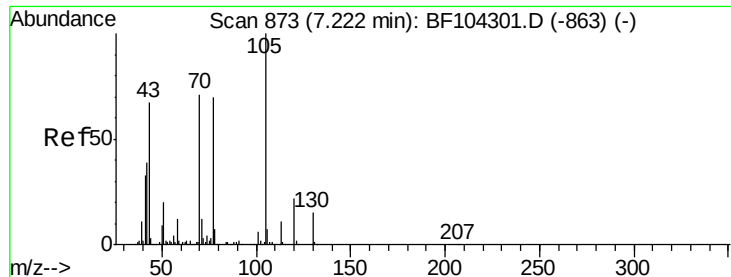
Sohil
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#18
Hexachloroethane
Concen: 43.270 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.8	113.8	
201	89.7	75.7	113.5	





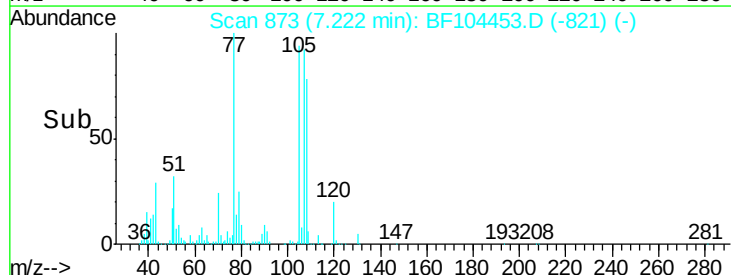
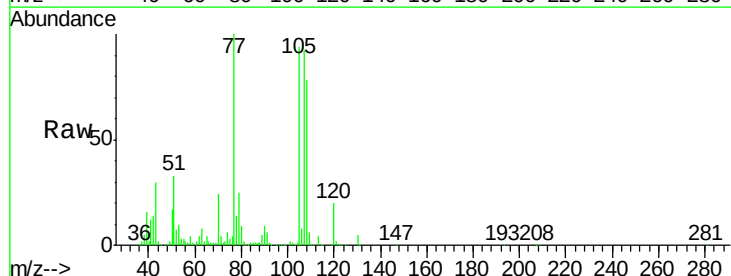
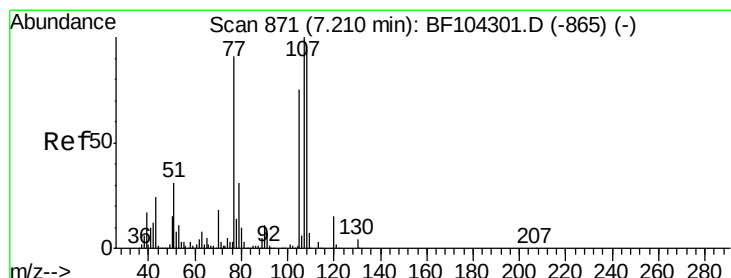
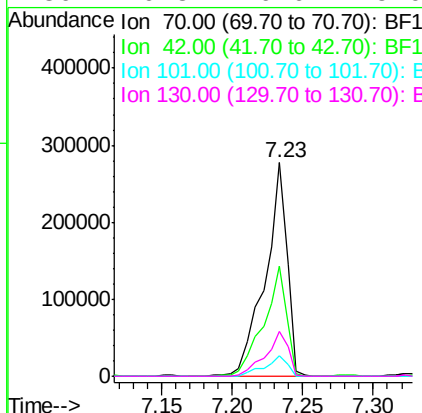
#19
n-Nitroso-di-n-propylamine
Concen: 42.779 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	47.5	71.3	
101	9.7	7.4	11.2	
130	20.8	16.6	25.0	

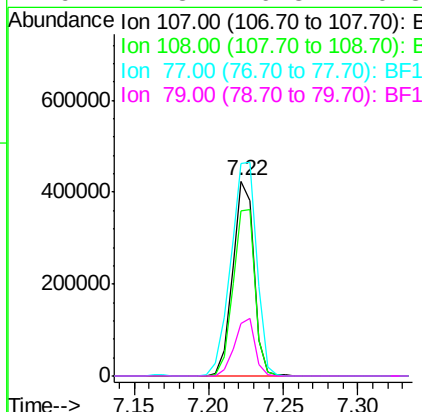
Manual Integrations
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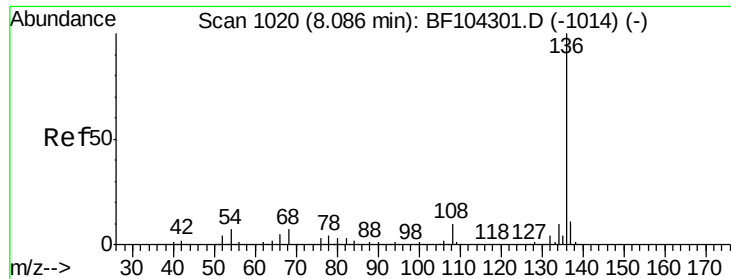
Sohil
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#20
3+4-Methylphenols
Concen: 42.549 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	68.2	108.2	
77	108.9	26.7	66.7#	
79	27.3	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

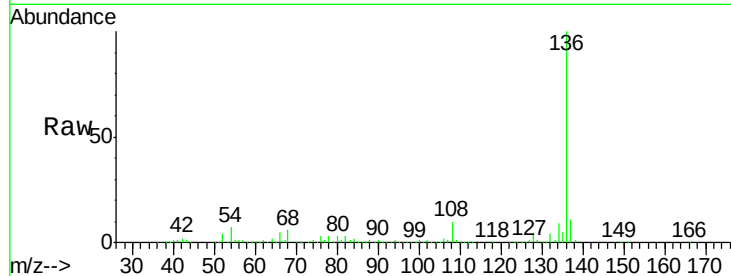
ClientSampled :

S3MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4

Manual Integrations
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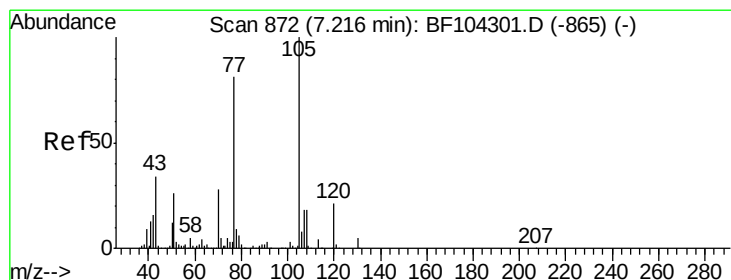
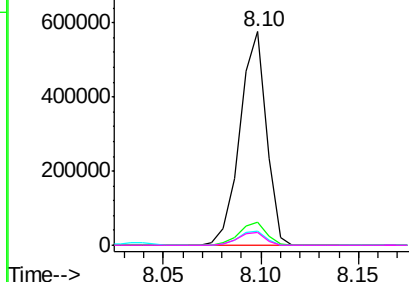
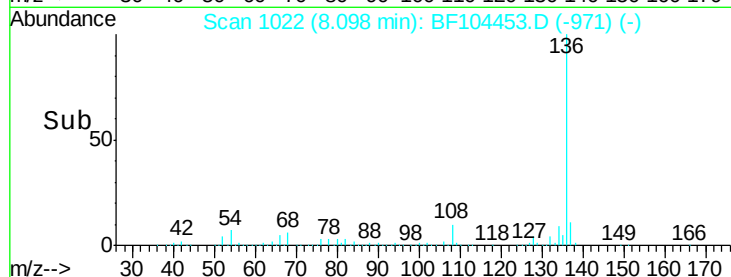


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.579 ng

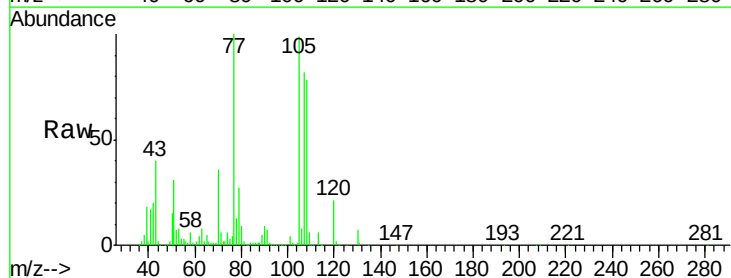
RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.4	4.4	6.6
51	31.8	22.3	33.5
120	21.1	16.9	25.3

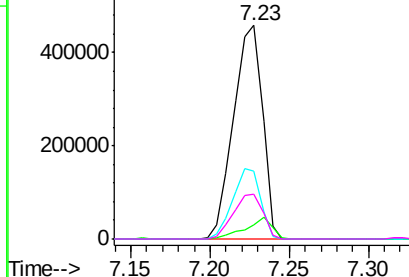
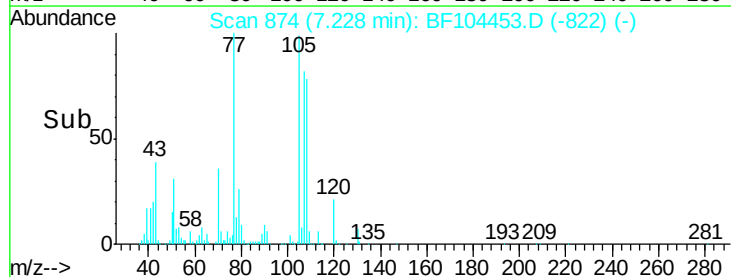


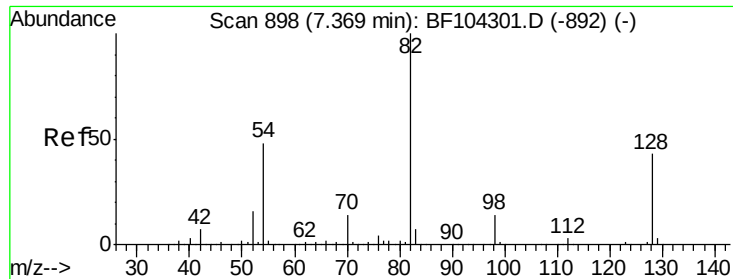
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





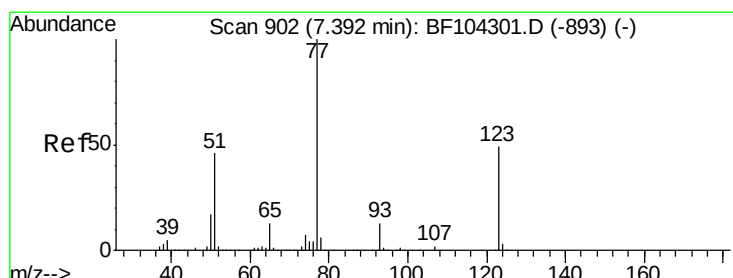
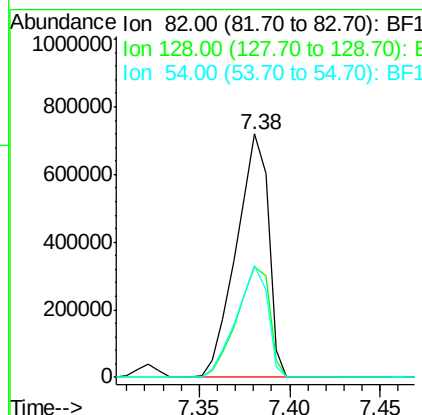
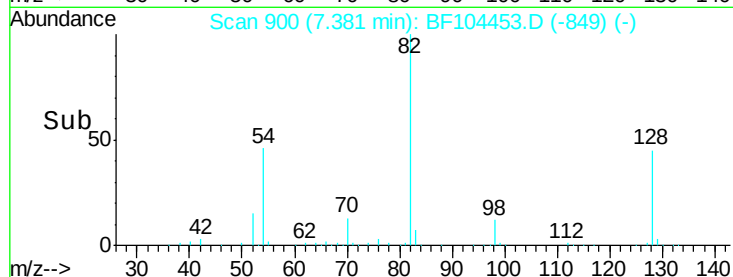
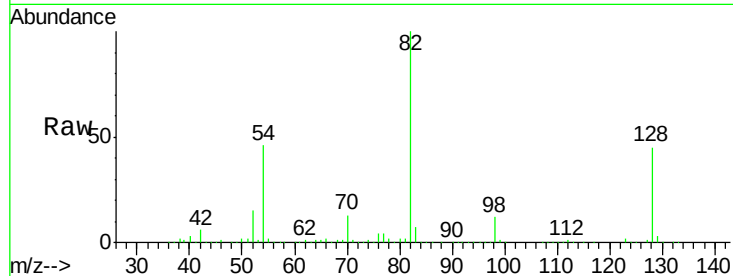
#23
 Nitrobenzene-d5
 Concen: 106.841 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampled :
 S3MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	887095		
128	45.4	36.1	54.1	
54	46.0	41.4	62.2	

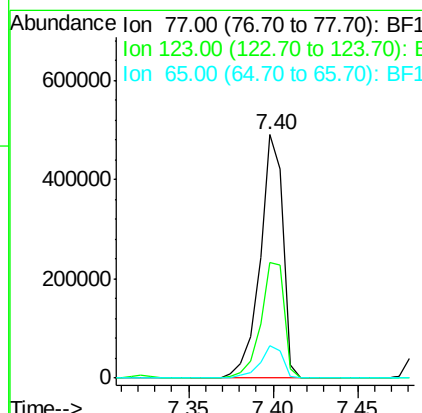
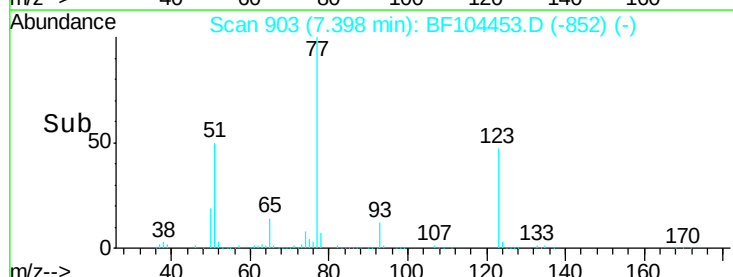
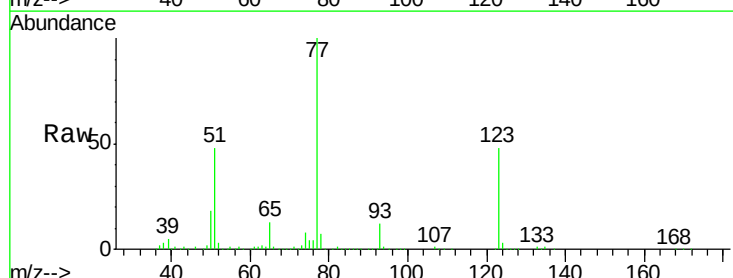
Manual Integrations
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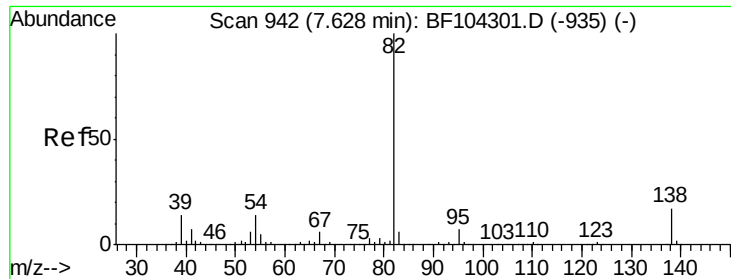
Sohil
 4/13/2018 4:44:05 PM



#24
 Nitrobenzene
 Concen: 50.187 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	460066		
123	47.6	37.9	56.9	
65	13.2	11.0	16.4	





#25

Isophorone

Concen: 43.373 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

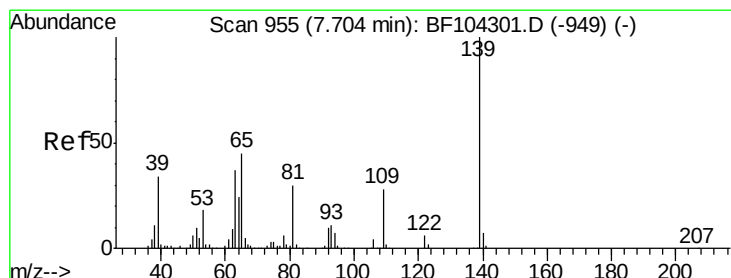
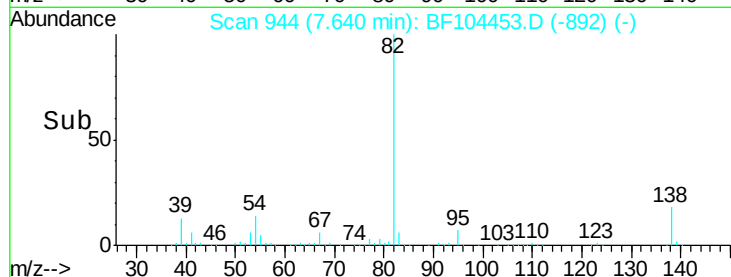
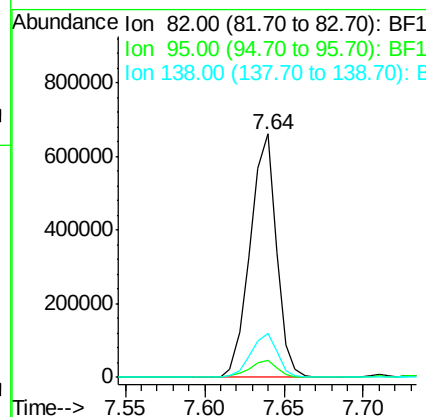
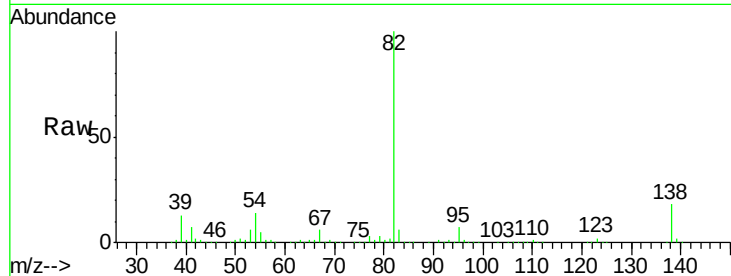
ClientSampled :

S3MS

Tot Ion:	82	Resp:	761523
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 66.482 ng

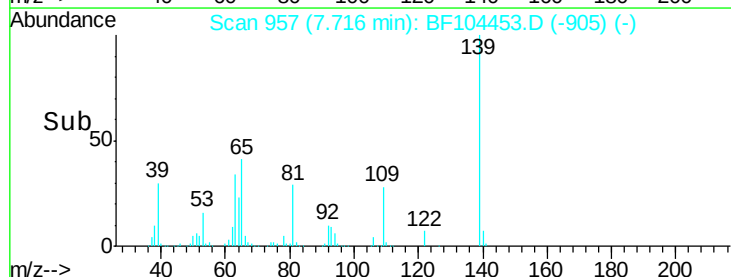
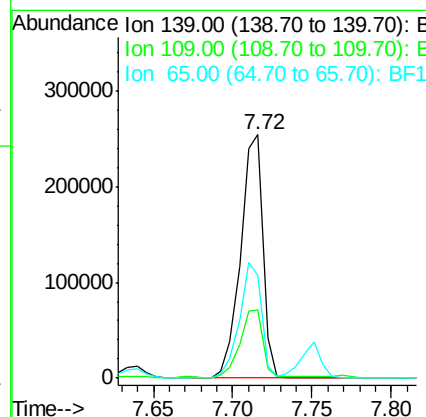
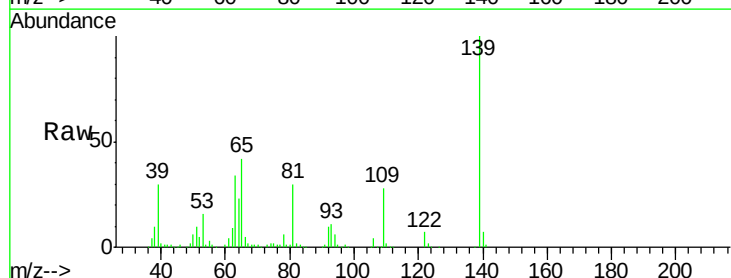
RT: 7.72 min Scan# 957

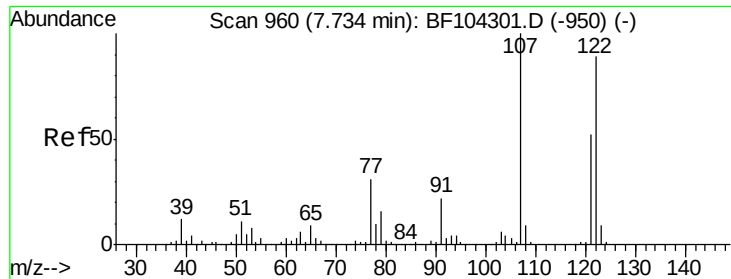
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	139	Resp:	248106
Ion Ratio	Lower	Upper	
139	100		
109	28.0	22.7	34.1
65	42.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.922 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

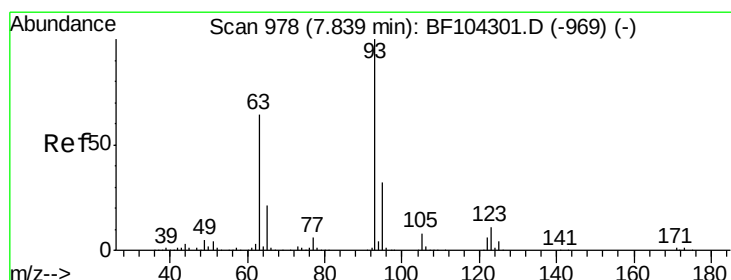
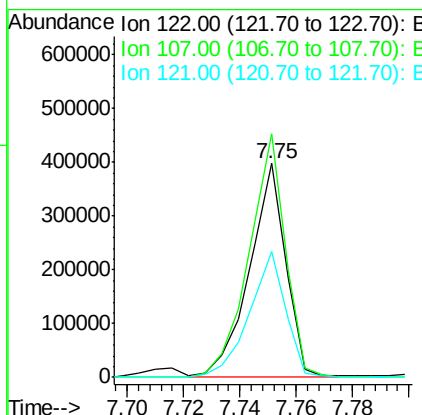
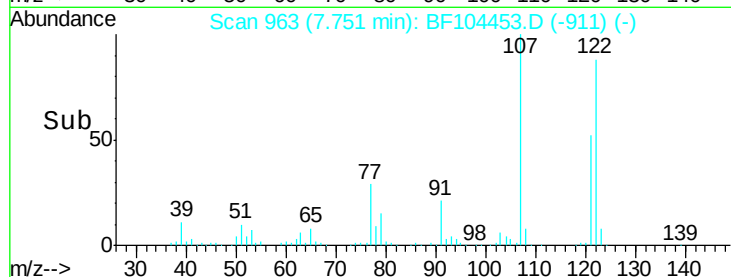
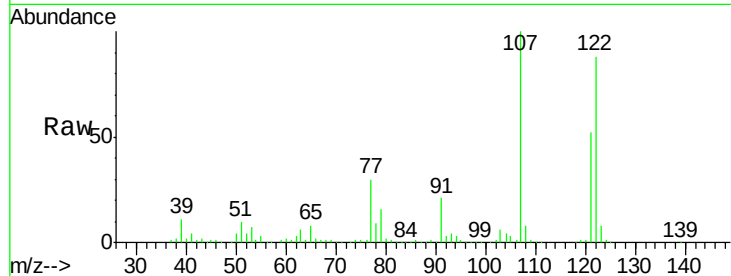
ClientSampled :

S3MS

Tot Ion:	122	Resp:	355837
Ion Ratio	Lower	Upper	
122	100		
107	113.8	91.2	136.8
121	59.0	47.2	70.8

Manual Integrations
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Sohil
4/13/2018 4:44:05 PM



#28

bis(2-Chloroethoxy)methane

Concen: 48.675 ng

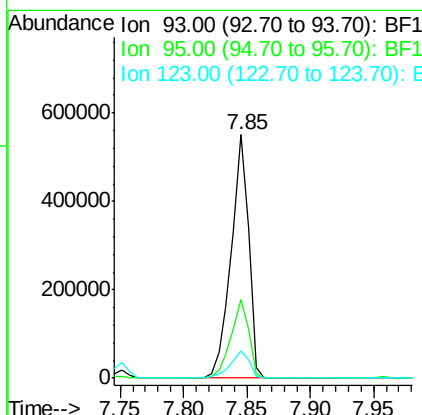
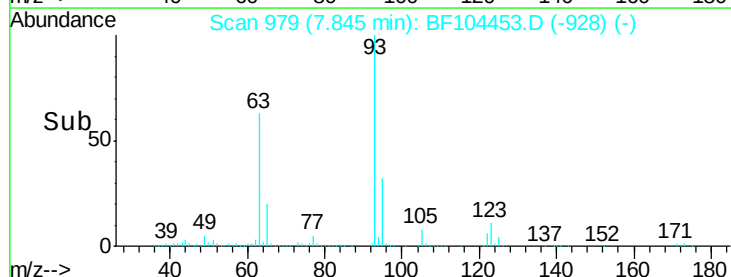
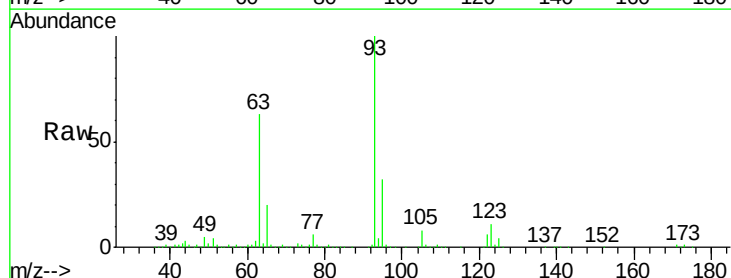
RT: 7.85 min Scan# 979

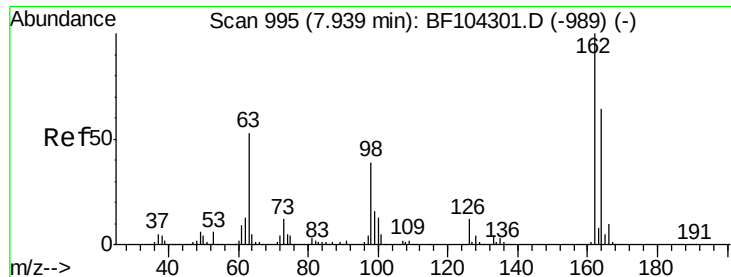
Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	93	Resp:	522527
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.1	9.8	14.6





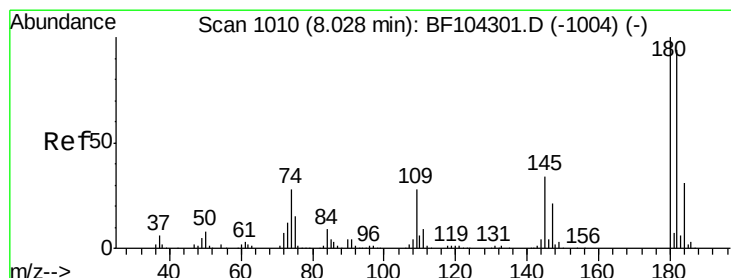
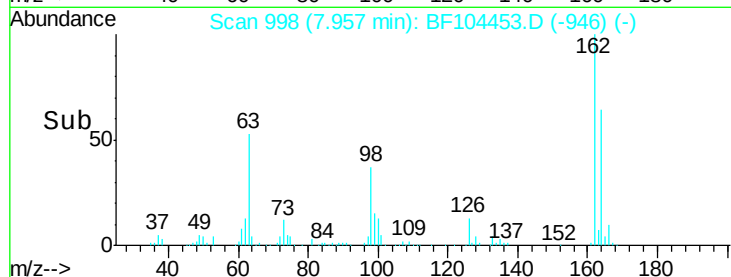
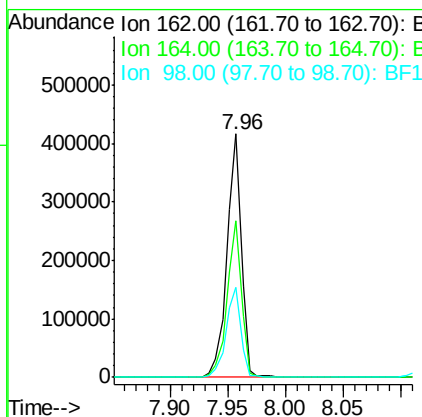
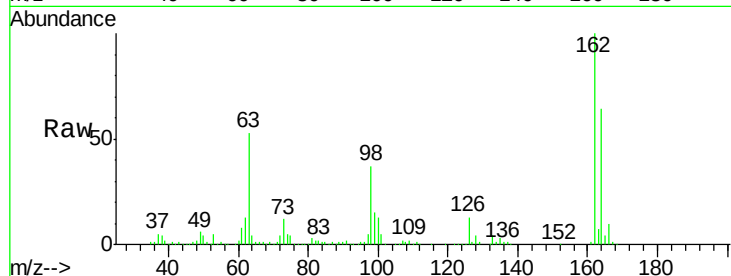
#29
2,4-Dichlorophenol
Concen: 48.847 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	361148		
164	64.2	42.7	82.7	
98	37.0	18.1	58.1	

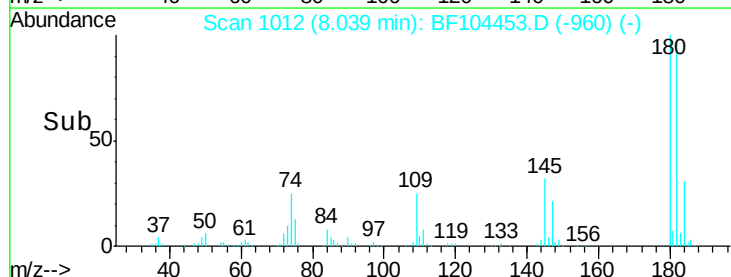
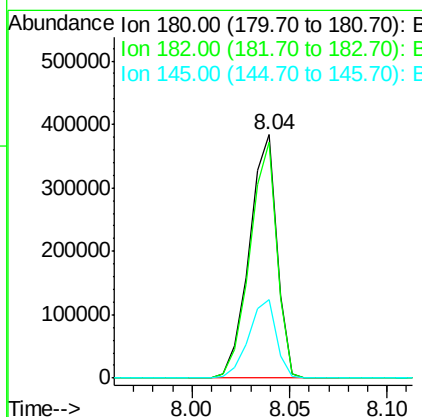
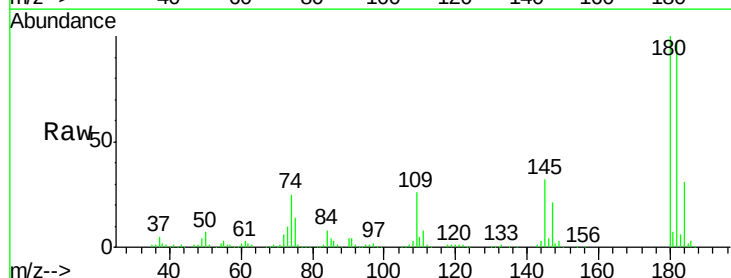
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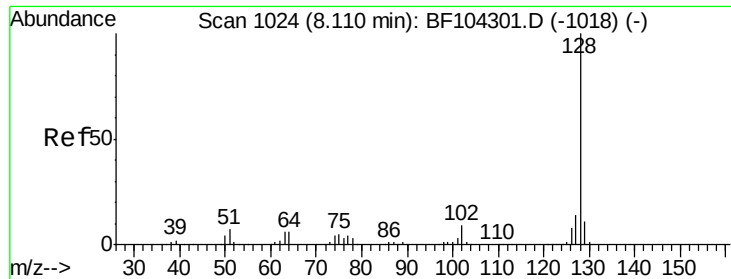
Sohil
4/13/2018 4:44:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.278 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	375504		
182	97.0	76.8	115.2	
145	32.4	26.5	39.7	





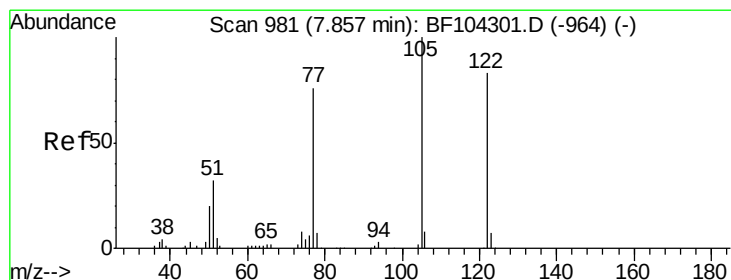
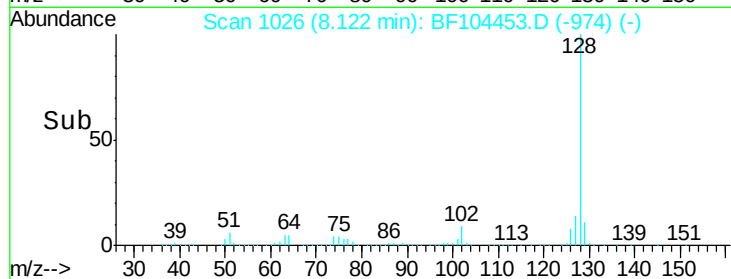
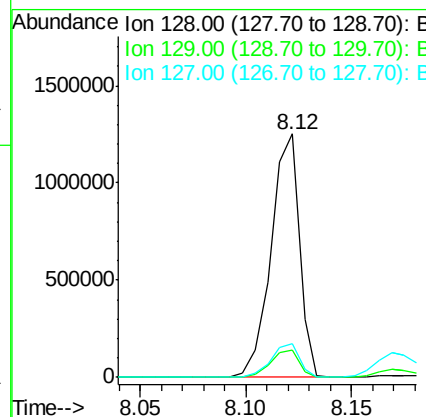
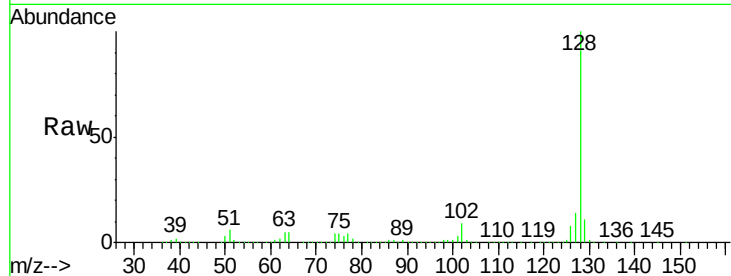
#31
Naphthalene
Concen: 43.550 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion:128 Resp: 1175710
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

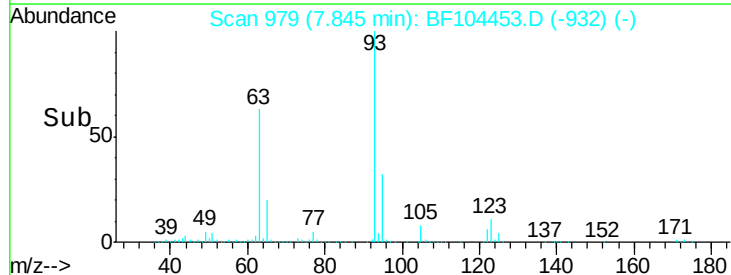
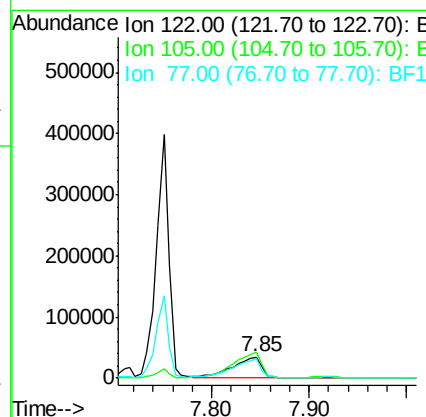
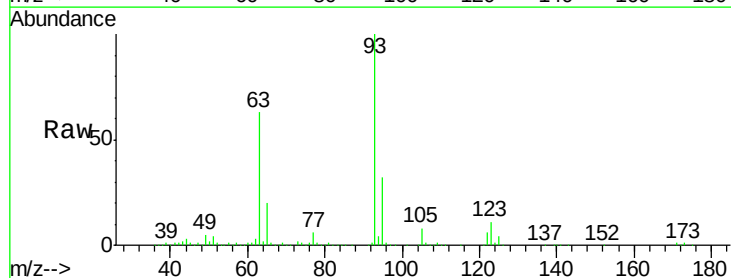
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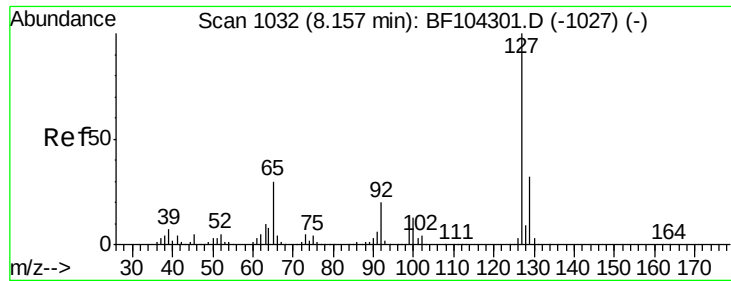
Sohil
4/13/2018 4:44:05 PM



#32
Benzoic acid
Concen: 12.041 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:122 Resp: 74443
Ion Ratio Lower Upper
122 100
105 124.2 101.1 141.1
77 91.3 70.7 110.7





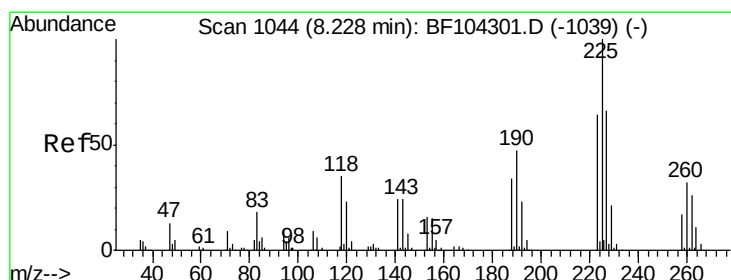
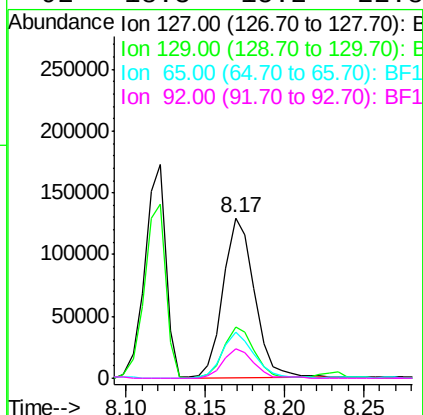
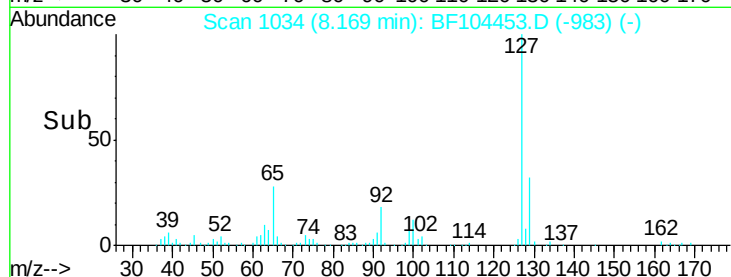
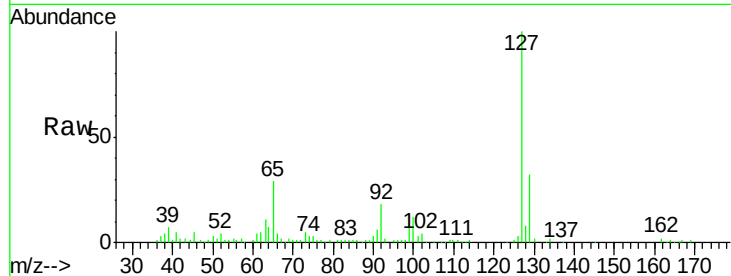
#33
4-Chloroaniline
Concen: 15.308 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		177051		
129	31.9	25.9	38.9		
65	28.6	25.0	37.4		
92	18.3	15.2	22.8		

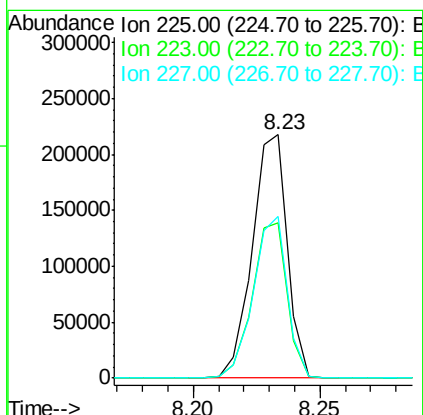
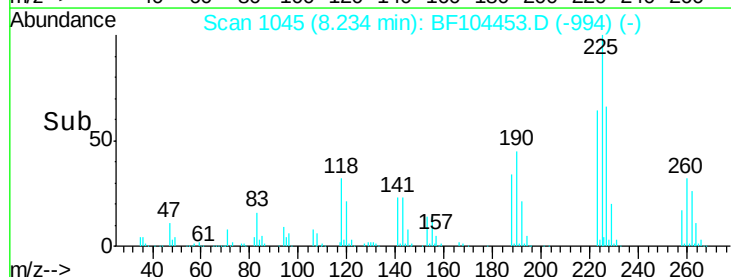
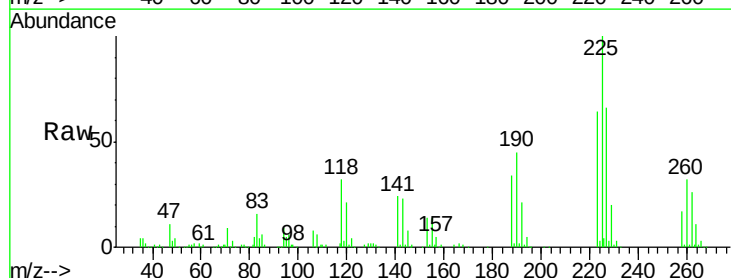
Manual Integrations
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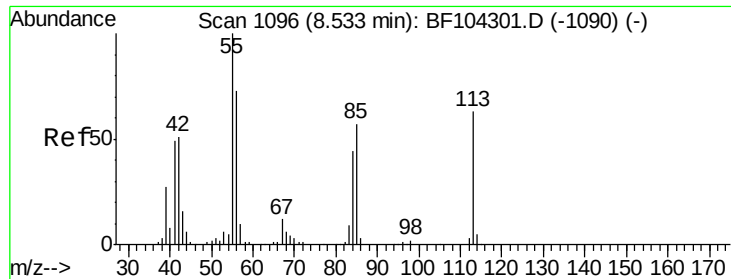
Sohil
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#34
Hexachlorobutadiene
Concen: 46.910 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		208486		
223	64.0	50.6	76.0		
227	66.4	51.9	77.9		





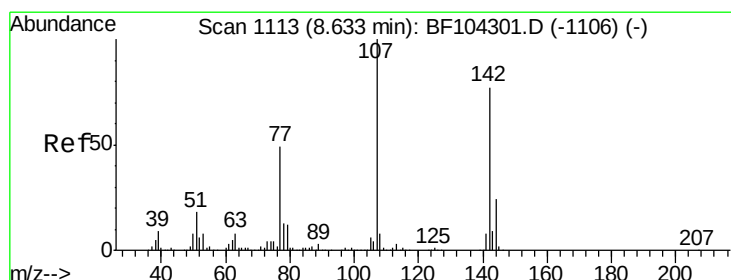
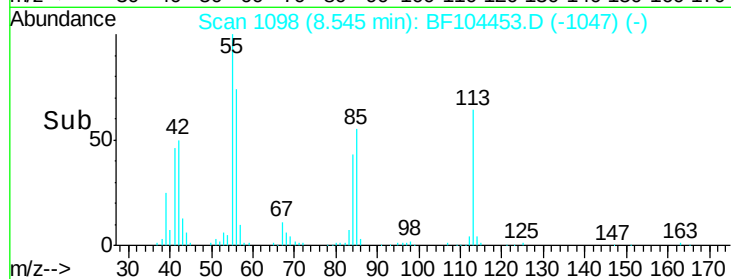
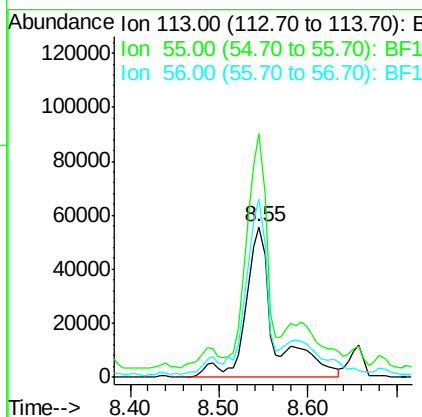
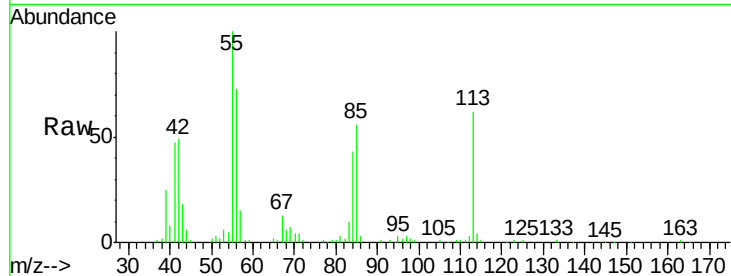
#35
Caprolactam
Concen: 48.217 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	161.7	163.3	203.3		
56	118.4	115.7	155.7		

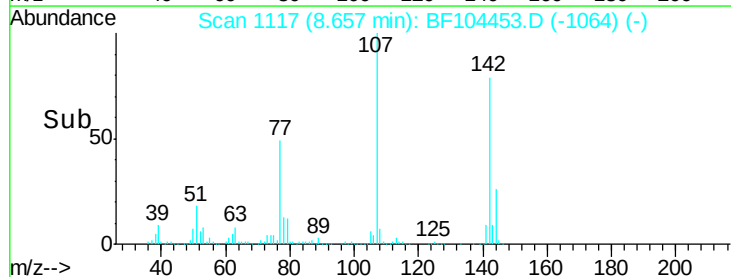
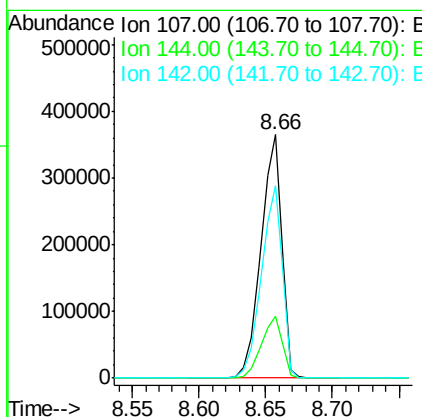
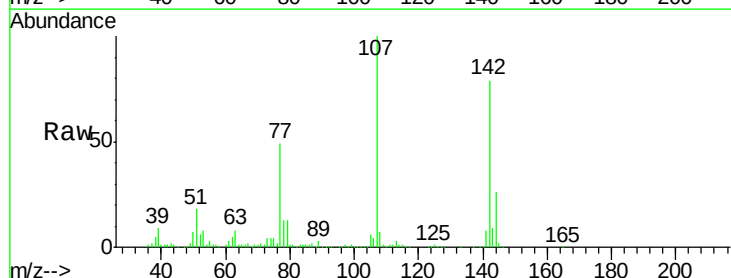
Manual Integrations
APPROVED

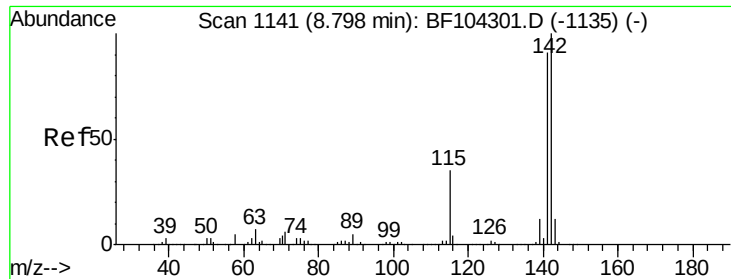
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 49.359 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5	20.5	30.7		
142	78.8	62.0	93.0		





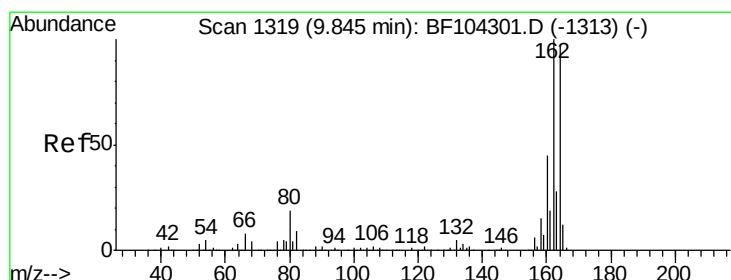
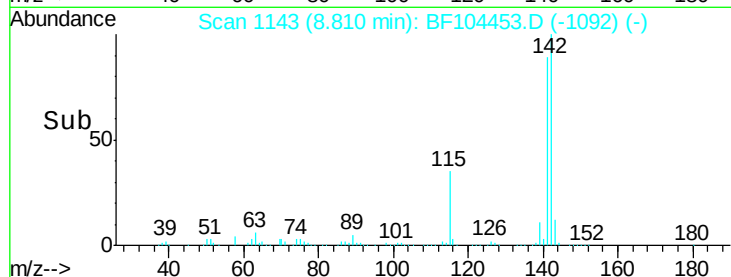
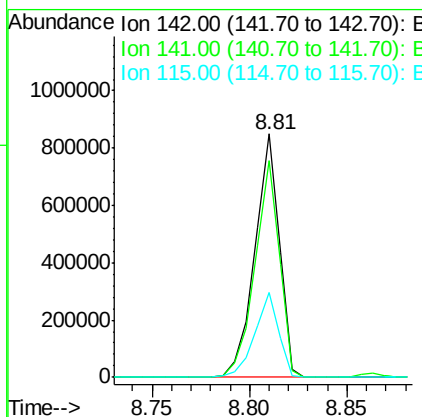
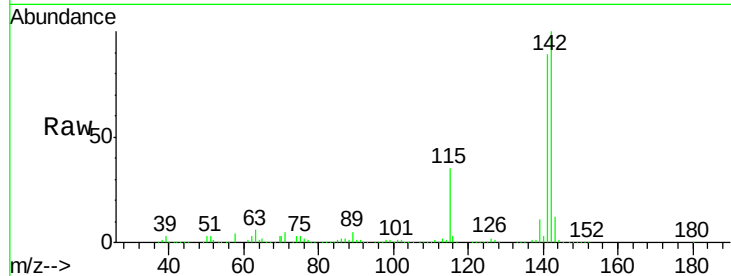
#37
2-Methylnaphthalene
Concen: 42.355 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.7	26.1	39.1

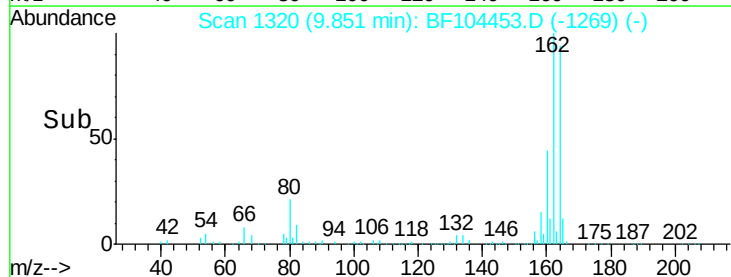
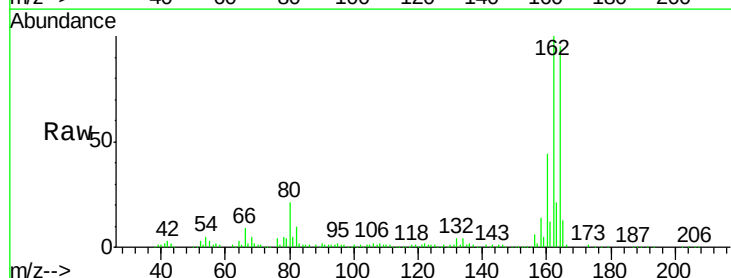
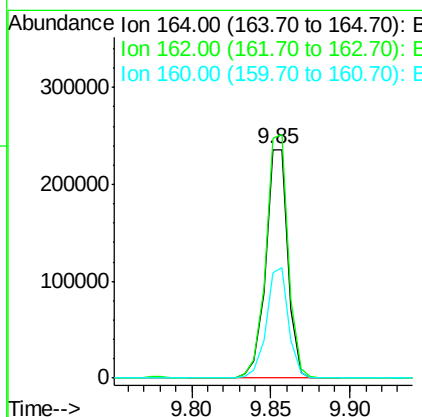
Manual Integrations
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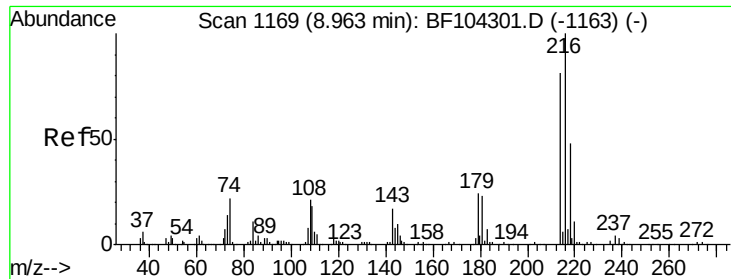
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.298 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

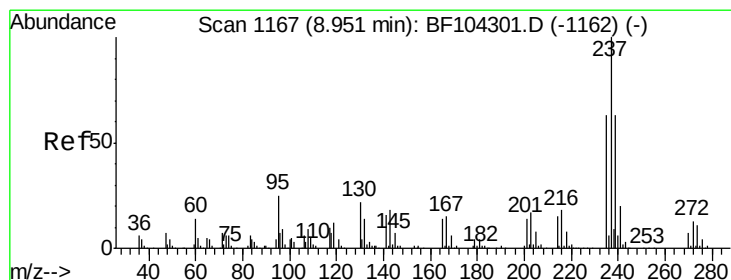
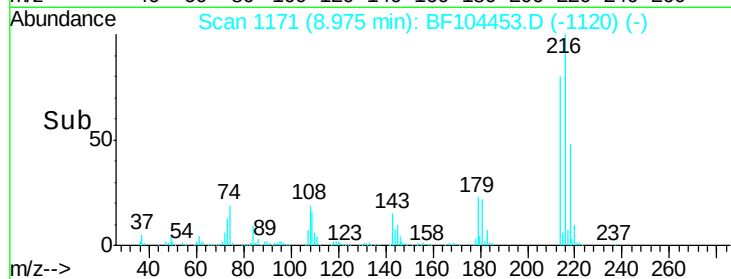
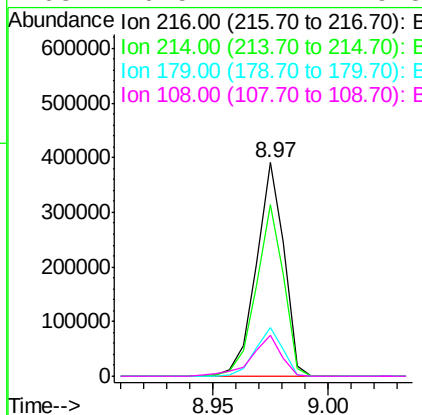
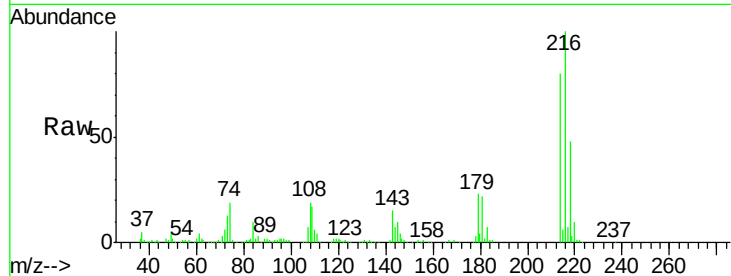
ClientSampleId :

S3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		328373		
214	79.3		63.0	94.4	
179	22.9		18.1	27.1	
108	20.5		17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 38.360 ng

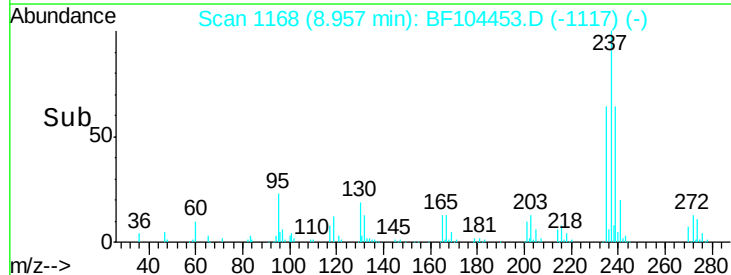
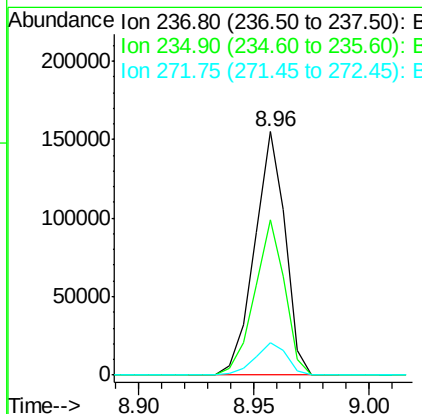
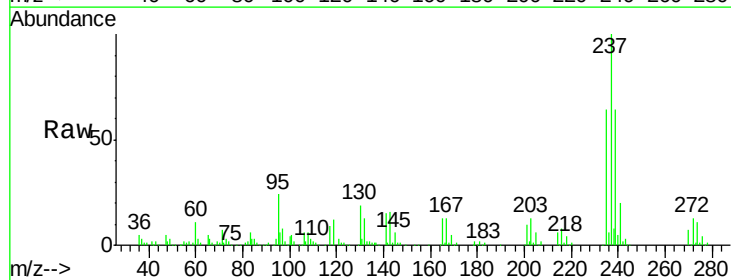
RT: 8.96 min Scan# 1168

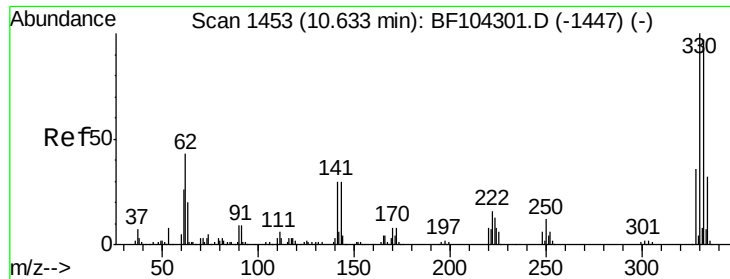
Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		143046		
235	63.7		44.8	84.8	
272	13.2		0.0	33.3	





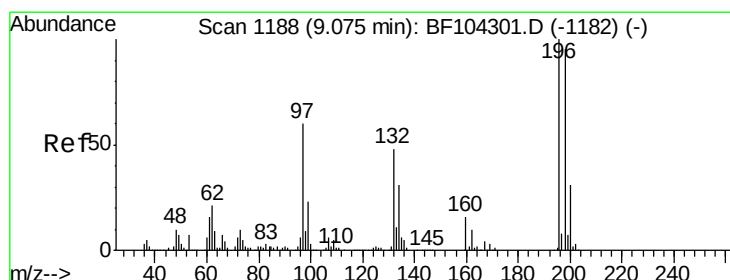
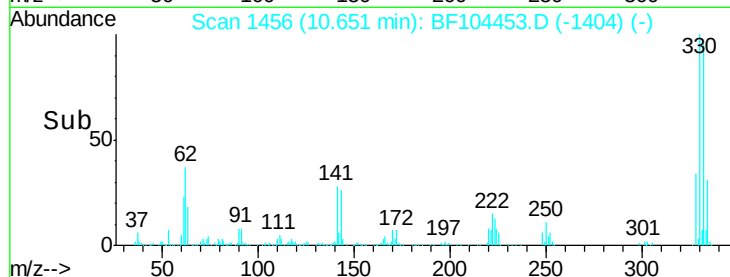
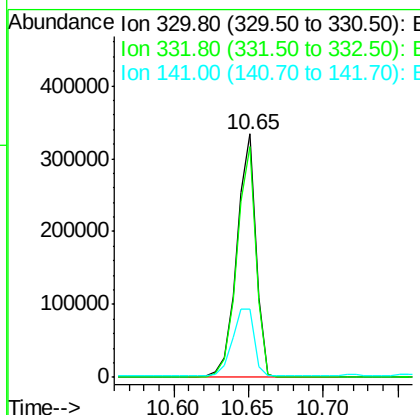
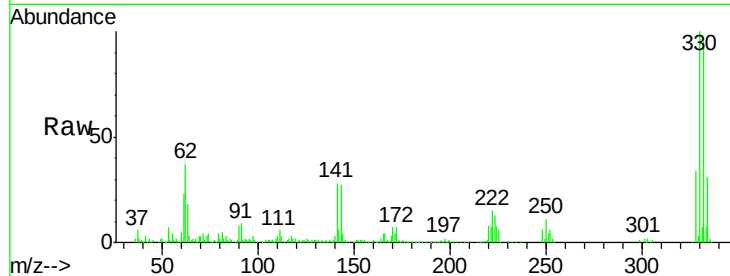
#41
 2,4,6-Tribromophenol
 Concen: 124.621 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S3MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	300806		
332	94.9	77.0	115.6	
141	32.1	29.9	44.9	

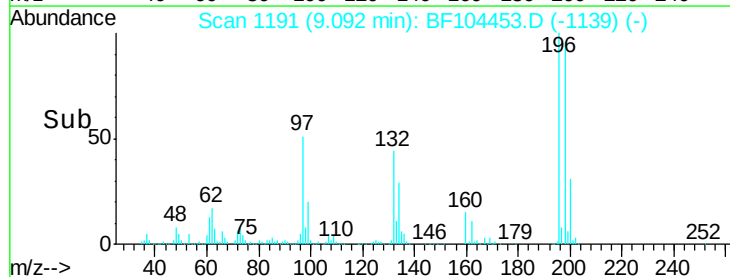
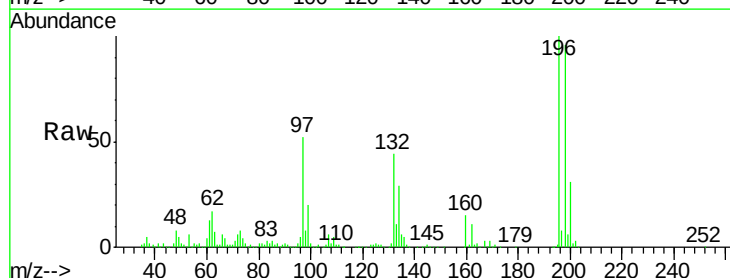
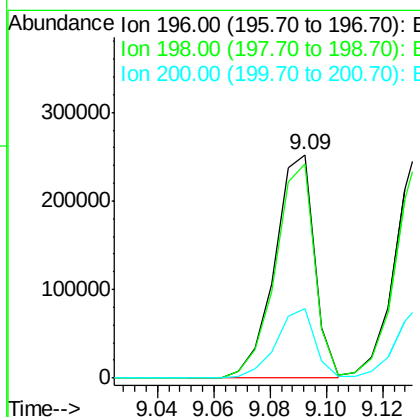
Manual Integrations
 APPROVED

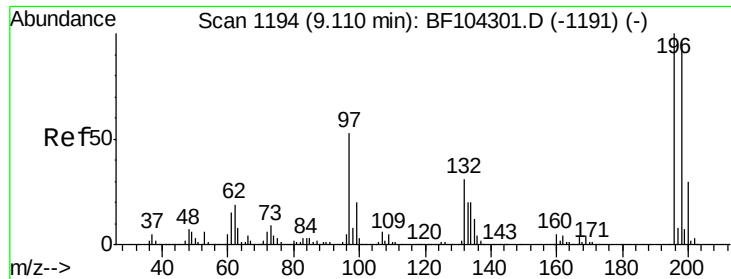
Sohil
 4/13/2018 4:44:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.447 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247134		
198	95.9	75.7	113.5	
200	31.1	24.5	36.7	





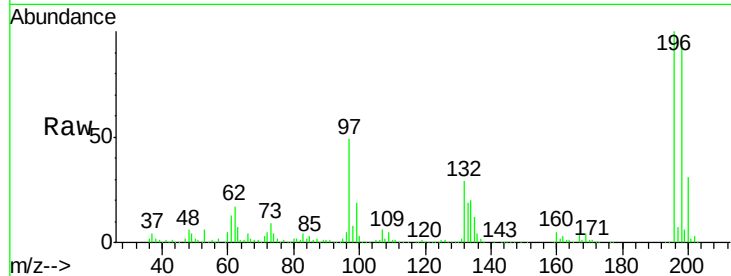
#43
 2,4,5-Trichlorophenol
 Concen: 48.829 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampled :
 S3MS

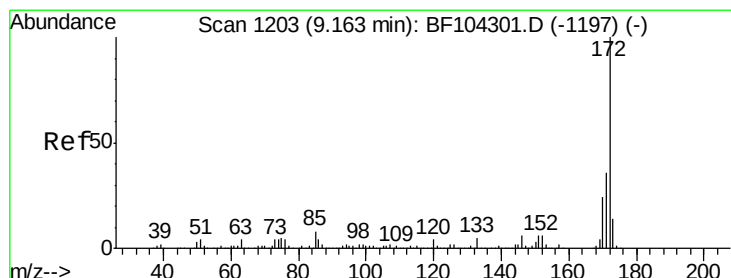
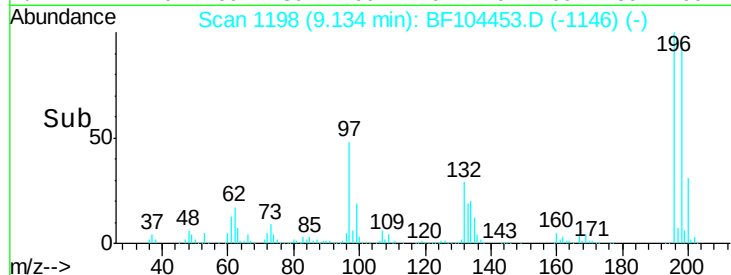
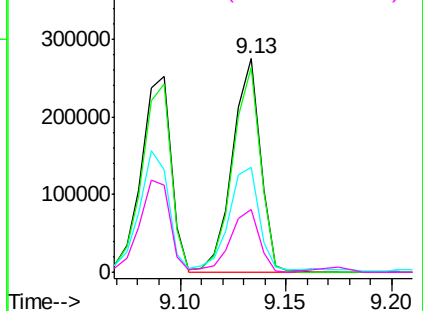
Tot Ion:	196	Resp:	252657
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.6	112.0
97	49.3	42.9	64.3
132	29.5	26.3	39.5

Manual Integrations
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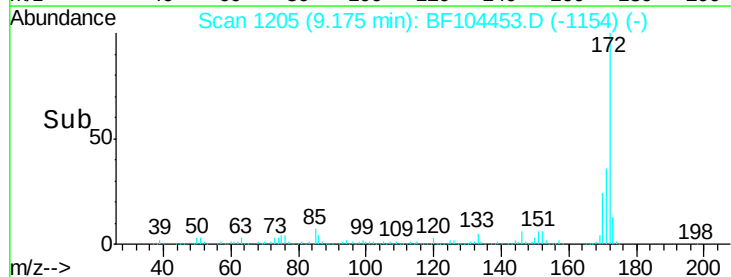
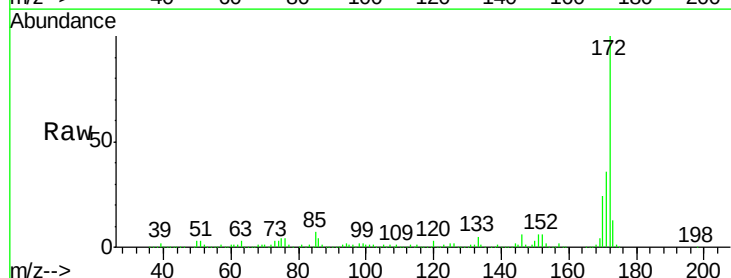
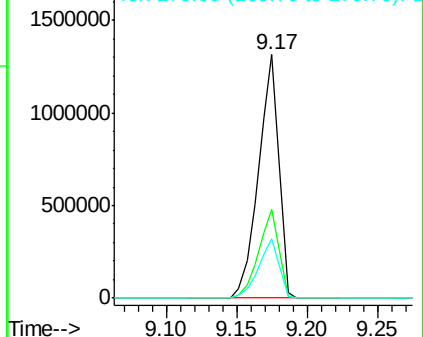
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

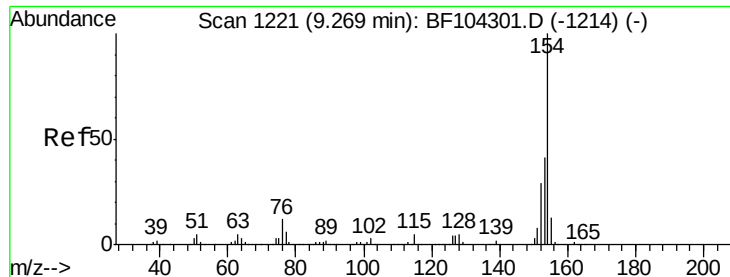


#44
 2-Fluorobiphenyl
 Concen: 91.259 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:	172	Resp:	1344202
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





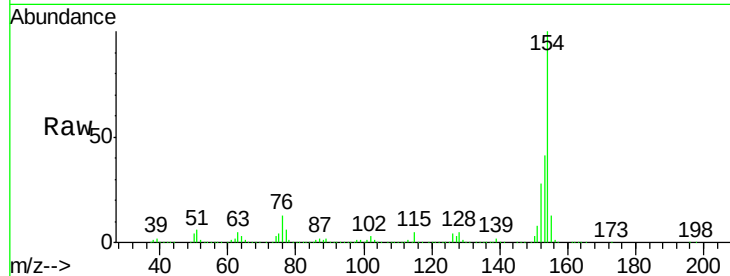
#45
 1,1'-Biphenyl
 Concen: 47.840 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampled :
 S3MS

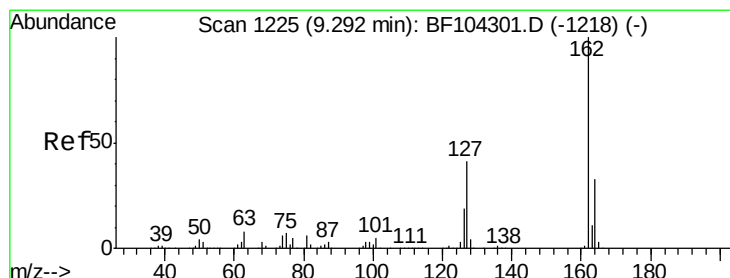
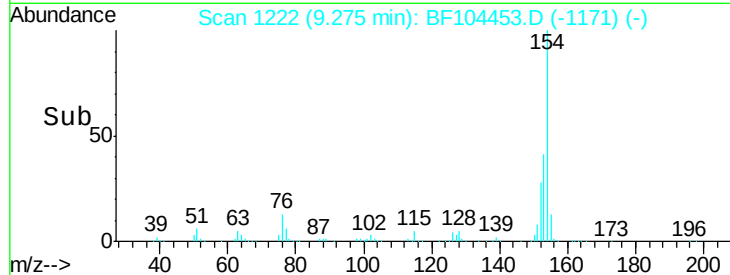
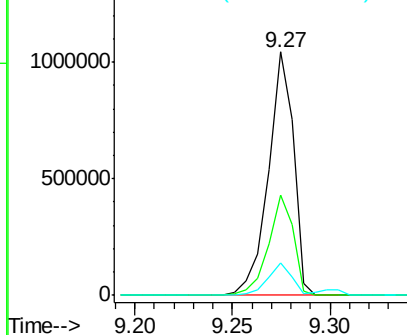
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.1	0.0	34.0

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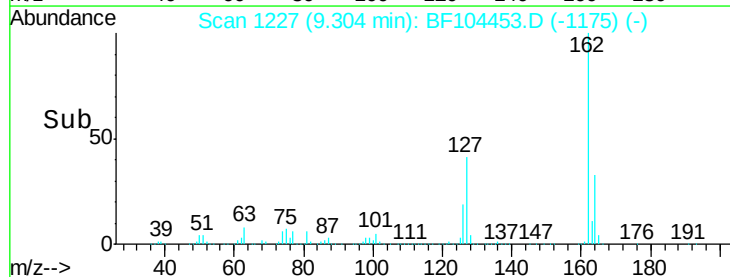
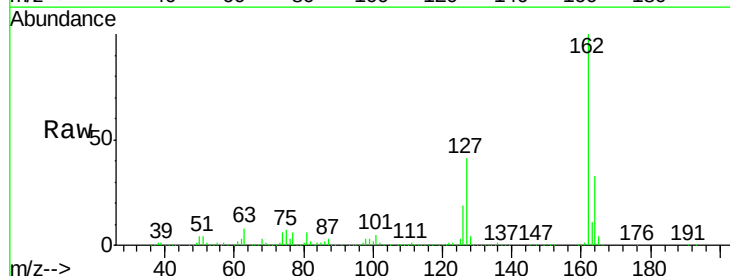
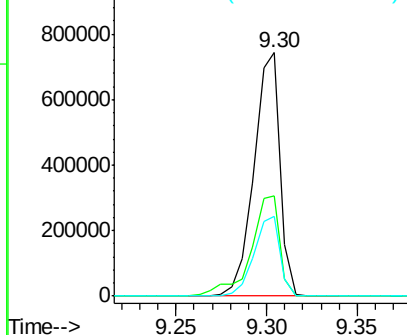
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

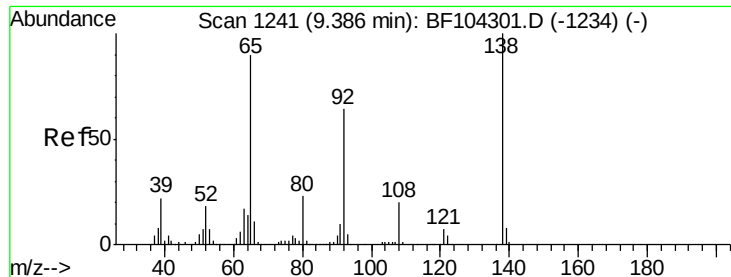


#46
 2-Chloronaphthalene
 Concen: 47.846 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	33.0	26.5	39.7

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





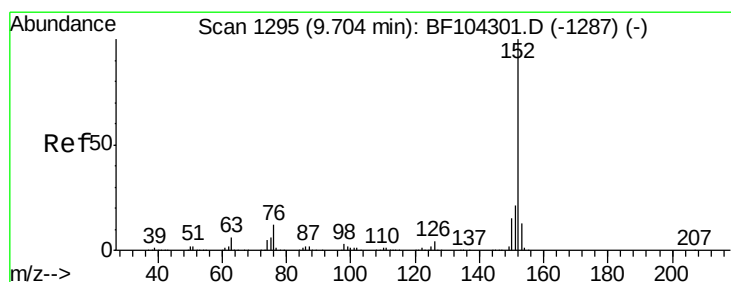
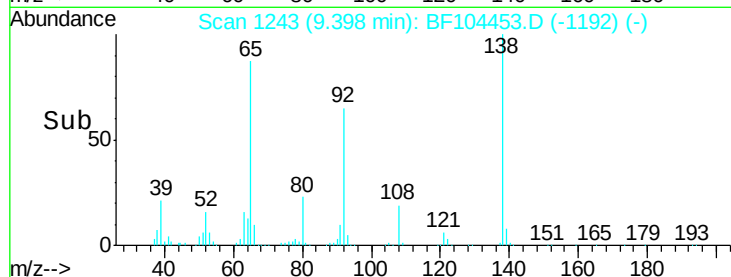
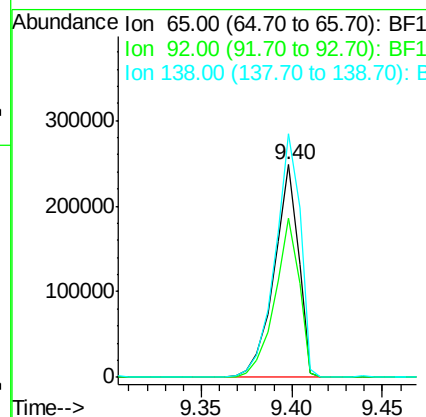
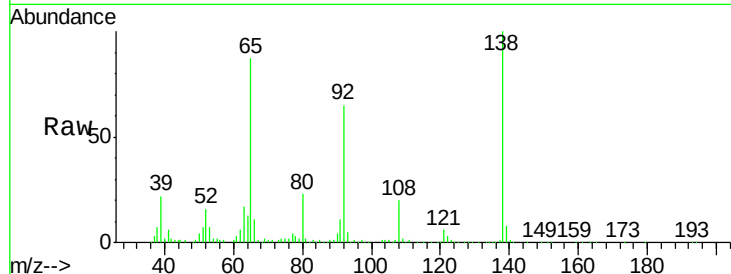
#47
2-Nitroaniline
Concen: 60.704 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.8	55.8	83.6
138	114.4	91.2	136.8

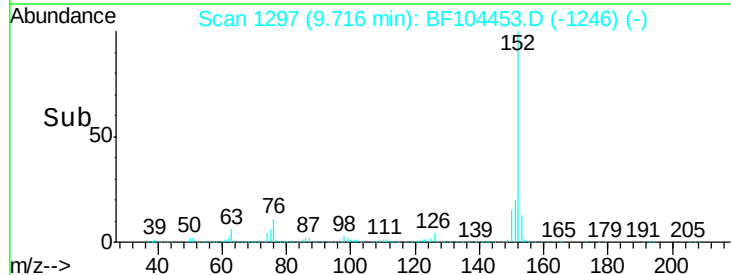
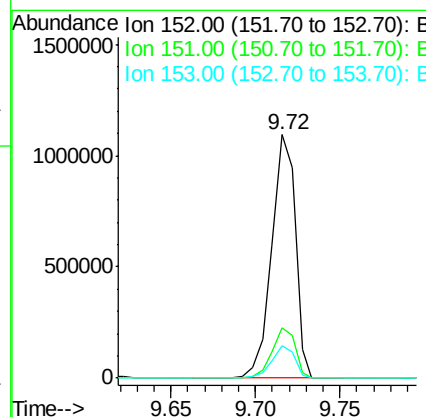
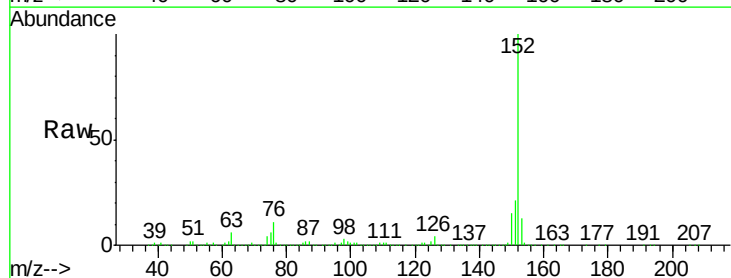
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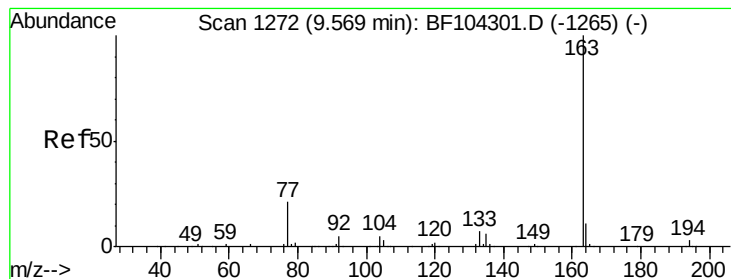
Sohil
4/13/2018 4:44:05 PM



#48
Acenaphthylene
Concen: 43.586 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 52.485 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampled :

S3MS

Tot Ion:163 Resp: 963072

Ion Ratio Lower Upper

163 100

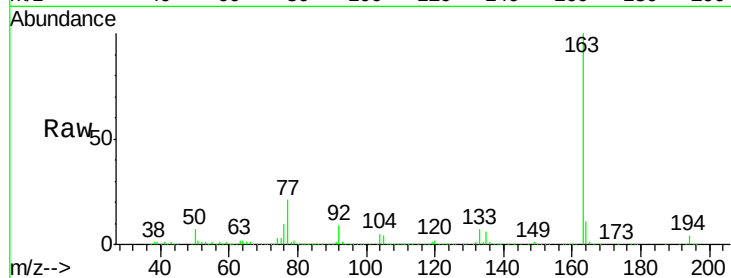
194 3.5 2.7 4.1

164 10.6 8.2 12.2

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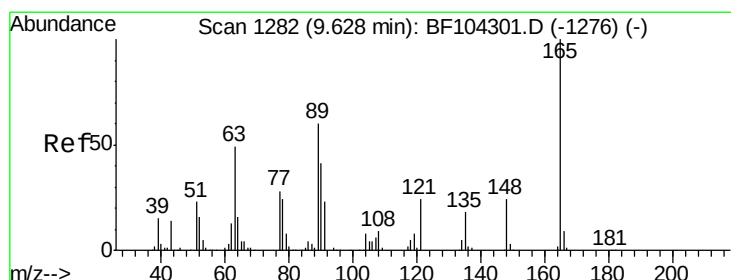
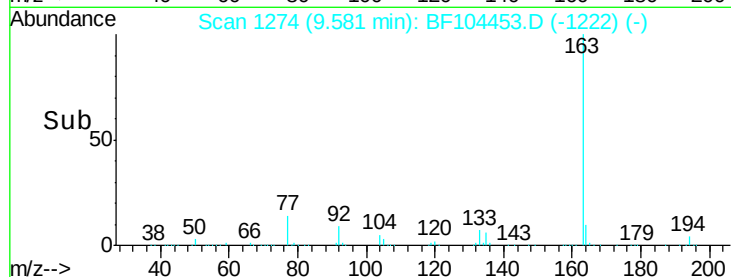
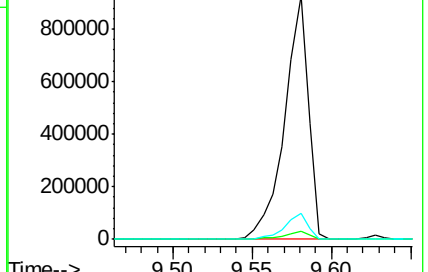
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 56.434 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

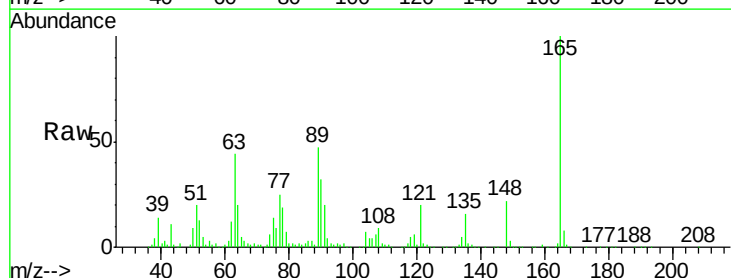
Tgt Ion:165 Resp: 191615

Ion Ratio Lower Upper

165 100

63 44.1 44.7 67.1#

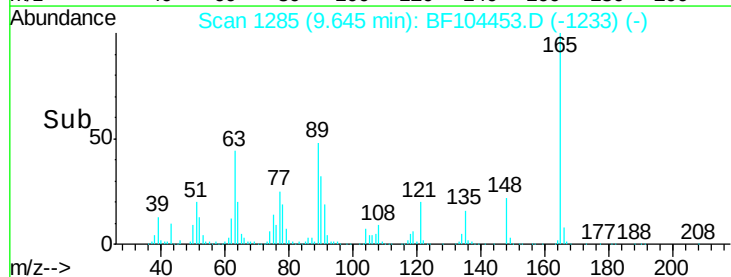
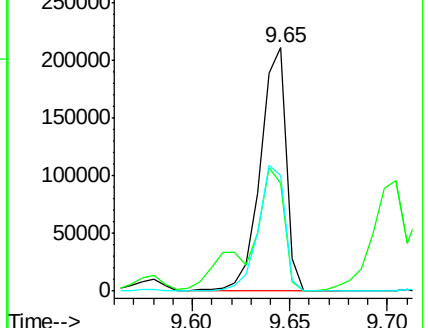
89 47.5 44.0 66.0

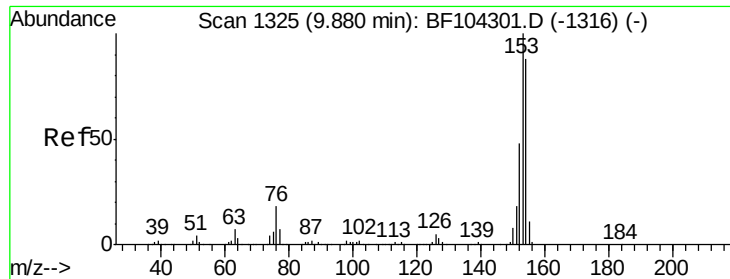


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.615 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

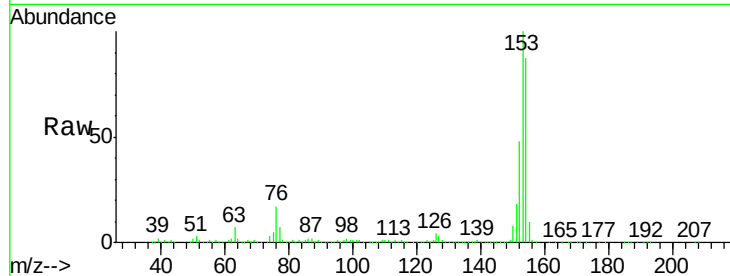
ClientSampled :

S3MS

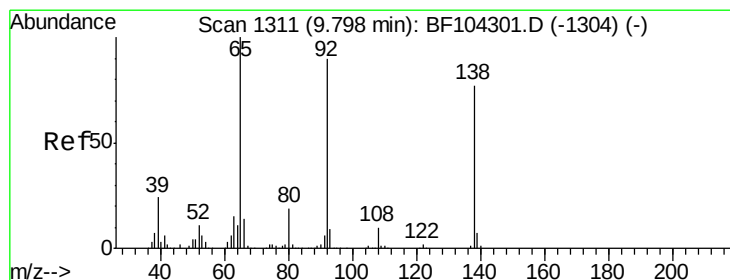
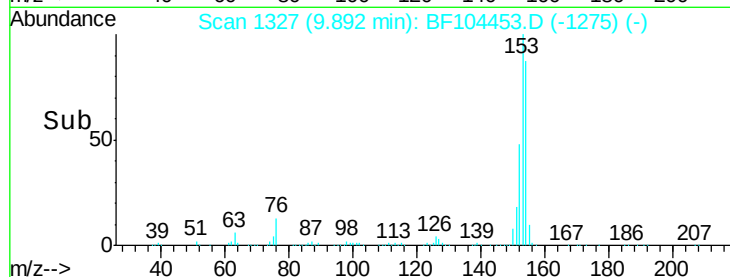
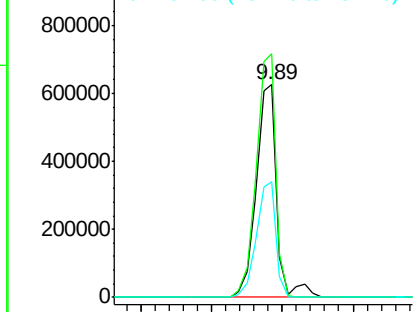
Tot Ion:	154	Resp:	644662
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	54.7	43.8	65.8

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



#52

3-Nitroaniline

Concen: 34.358 ng

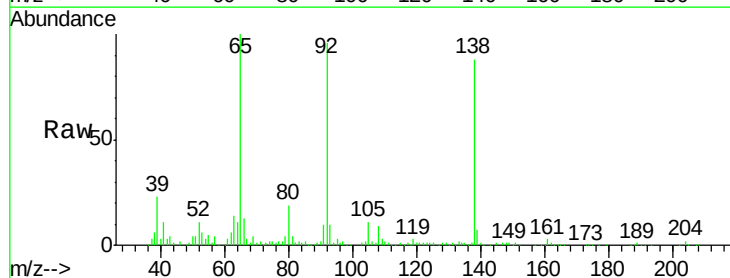
RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

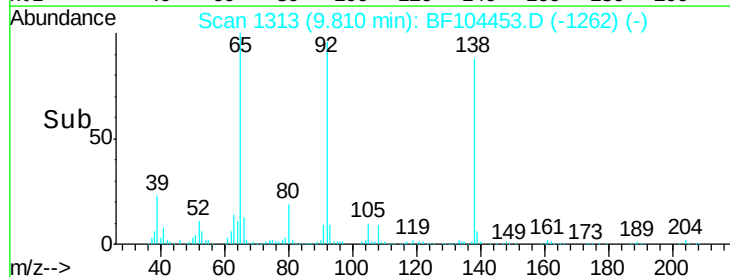
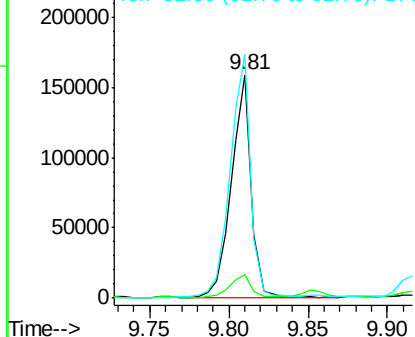
Lab File: BF104453.D

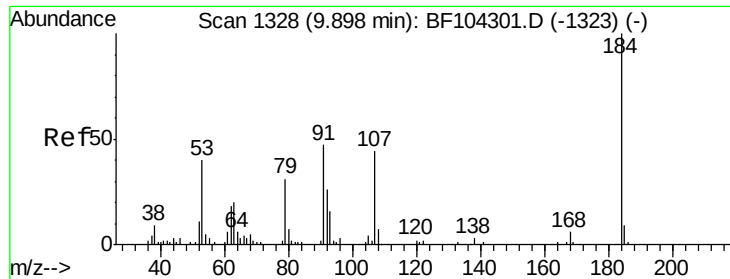
Acq: 12 Apr 2018 16:15

Tgt Ion:	138	Resp:	136574
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	109.1	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





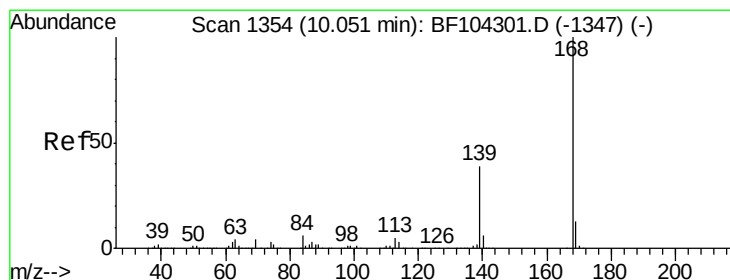
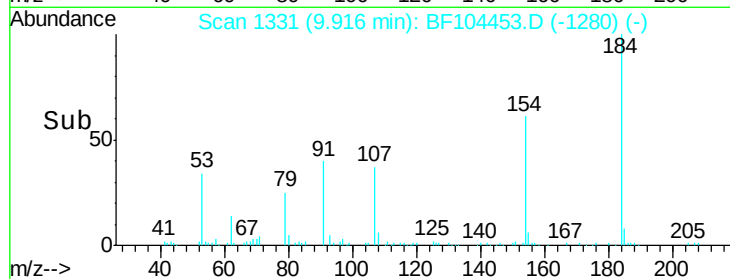
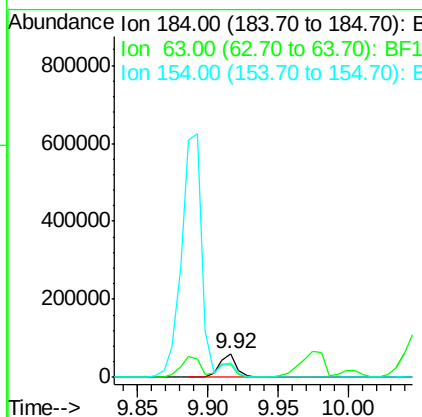
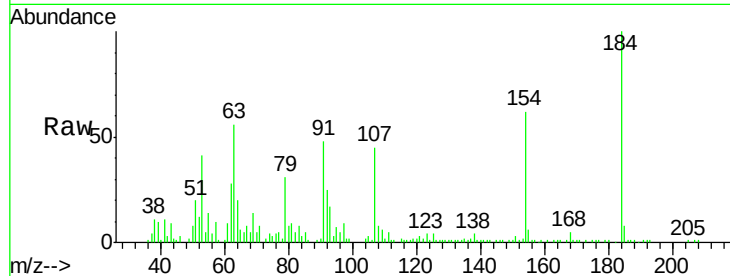
#53
2,4-Dinitrophenol
Concen: 46.104 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.0	54.2	81.2
154	61.9	184.0	276.0#

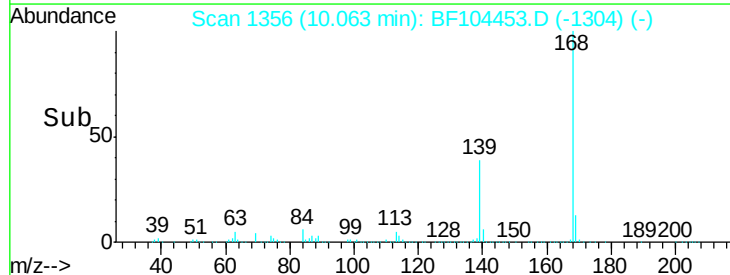
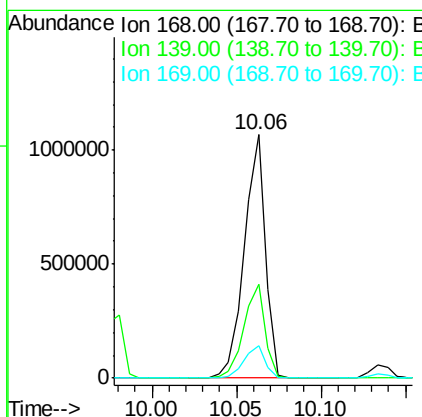
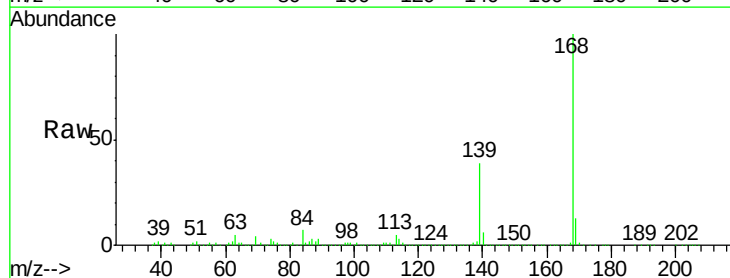
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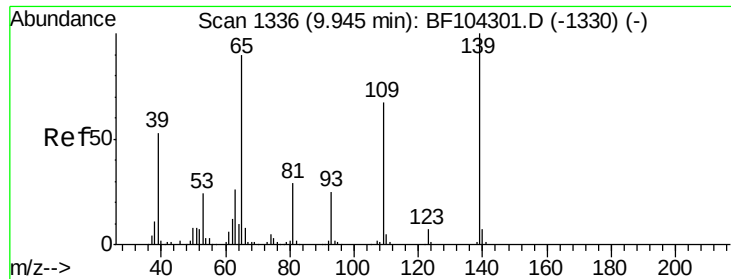
Sohil
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#54
Dibenzofuran
Concen: 45.298 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.4	10.9	16.3





#55

4-Nitrophenol

Concen: 97.509 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

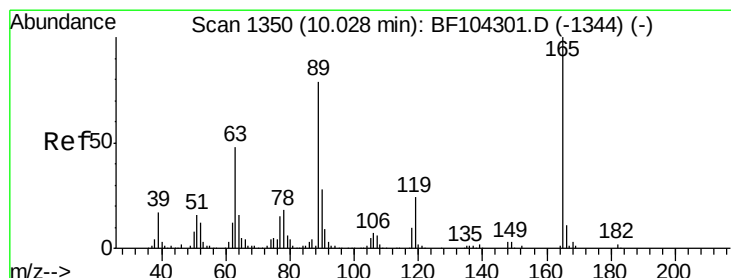
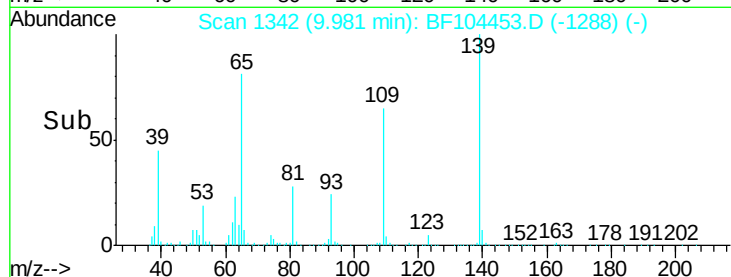
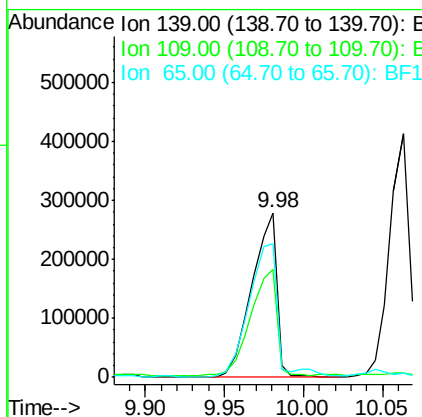
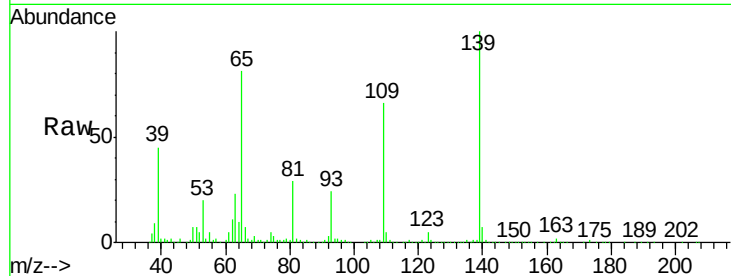
ClientSampled :

S3MS

Tot Ion:	139	Resp:	304469
Ion Ratio	Lower	Upper	
139	100		
109	65.8	48.4	88.4
65	81.1	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 52.782 ng

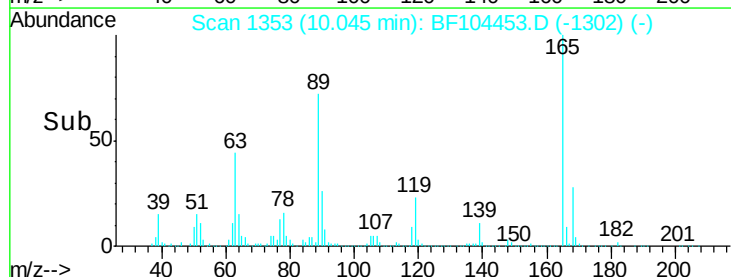
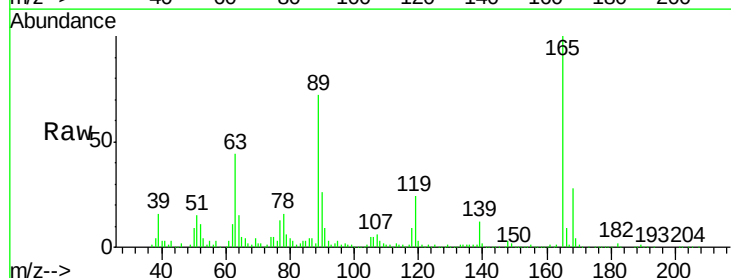
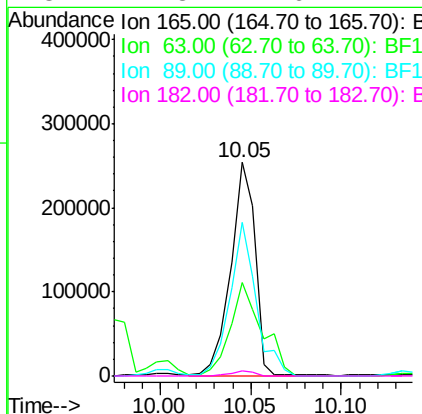
RT: 10.05 min Scan# 1353

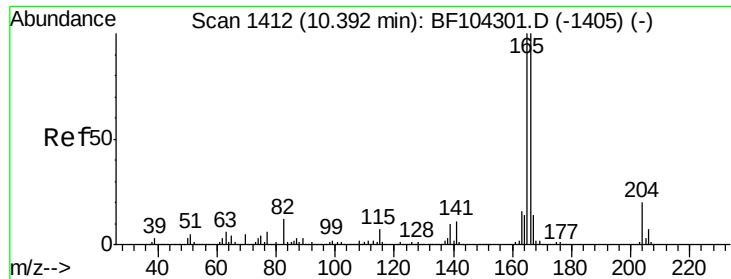
Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	165	Resp:	235076
Ion Ratio	Lower	Upper	
165	100		
63	43.7	36.4	54.6
89	72.2	57.8	86.6
182	2.3	1.6	2.4





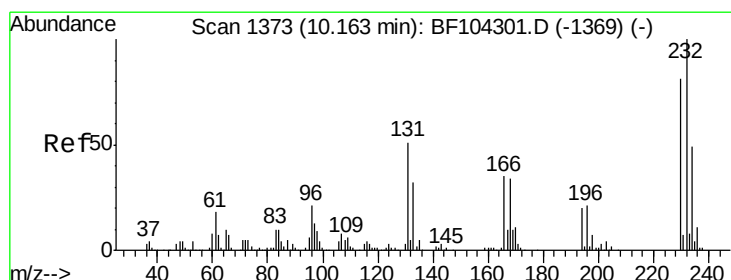
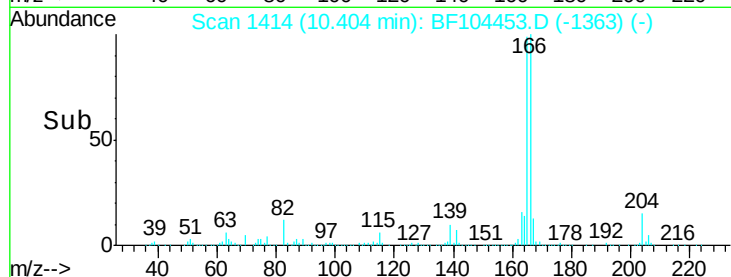
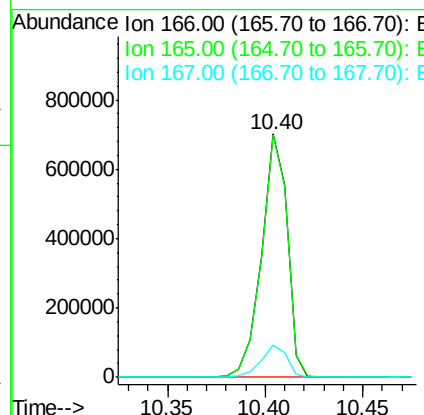
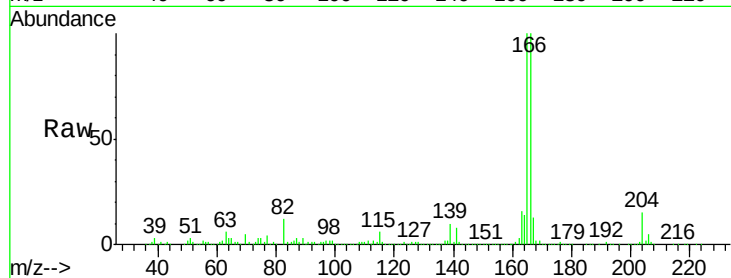
#57
 Fluorene
 Concen: 42.533 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S3MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	637692		
165	99.5	79.8	119.8	
167	13.4	10.6	16.0	

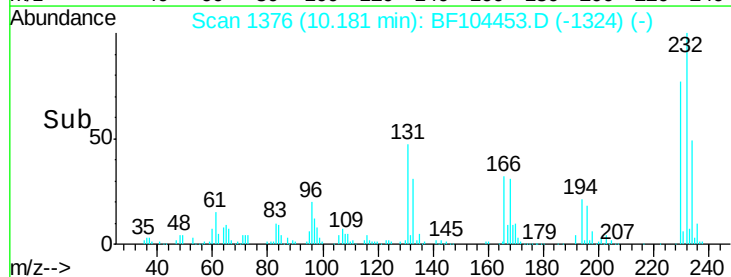
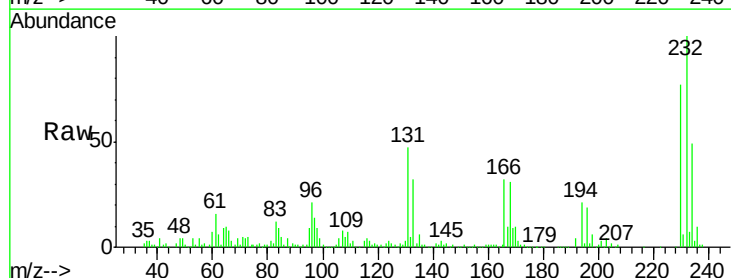
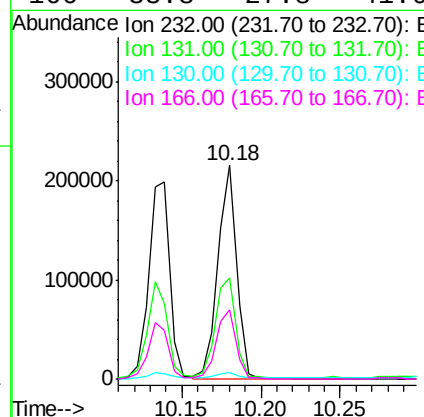
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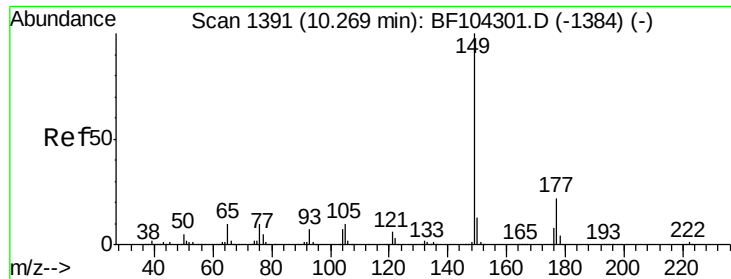
Sohil
 4/13/2018 4:44:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.197 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178332		
131	50.5	43.8	65.8	
130	2.6	2.1	3.1	
166	33.8	27.8	41.6	





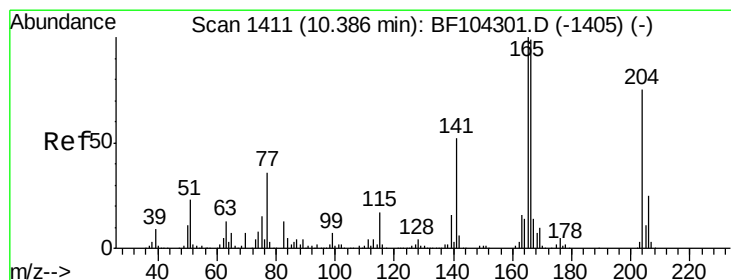
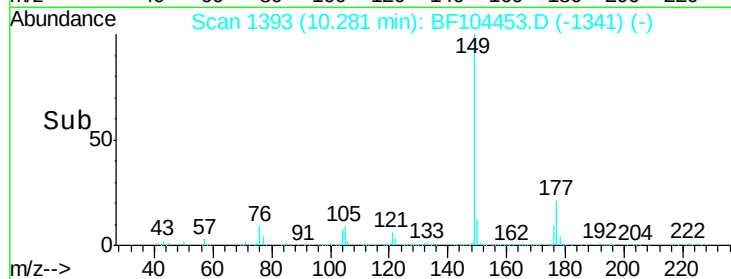
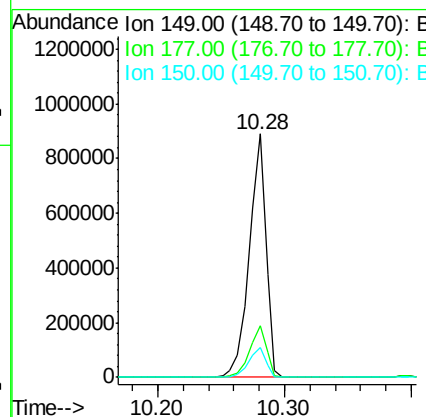
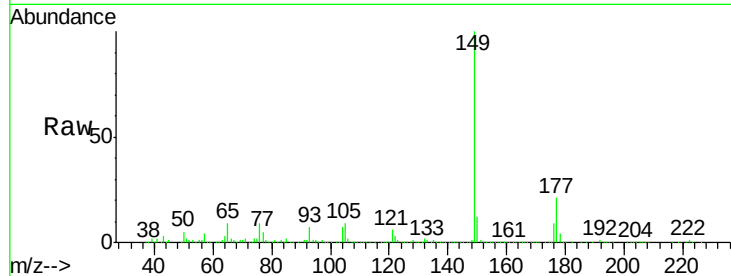
#59
Diethylphthalate
Concen: 44.081 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.4	10.1	15.1

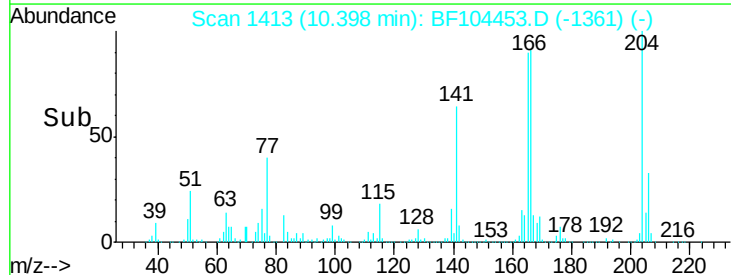
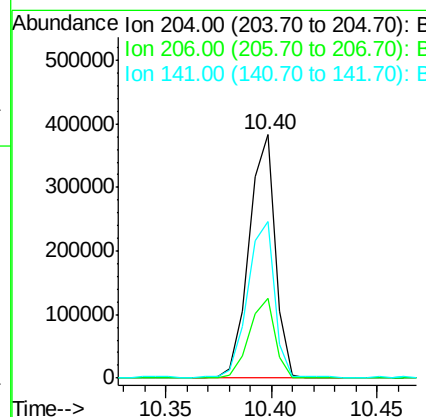
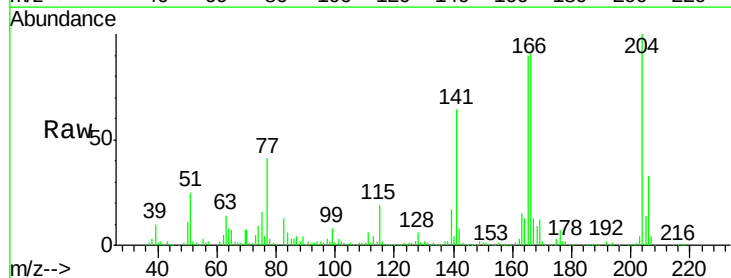
Manual Integrations
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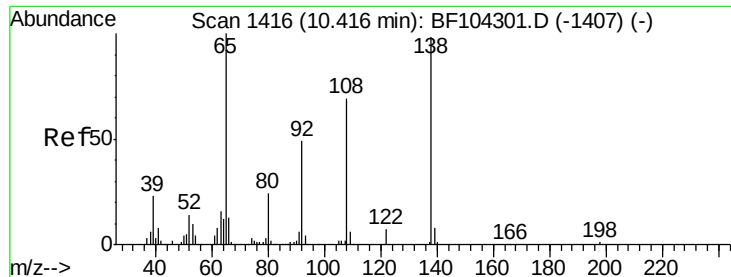
Sohil
4/13/2018 4:44:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.469 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	64.3	54.6	81.8





#61

4-Nitroaniline

Concen: 43.688 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

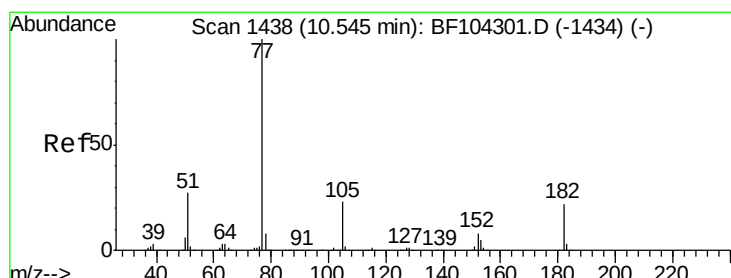
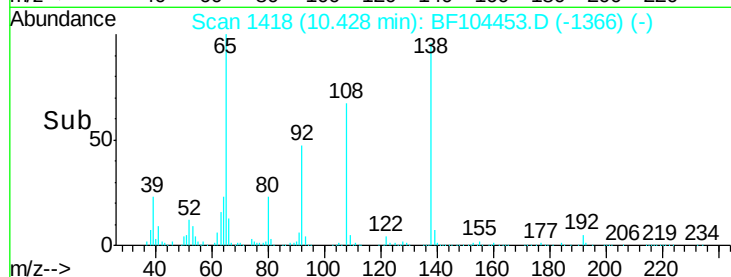
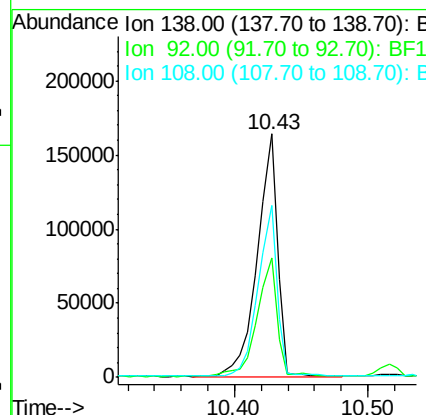
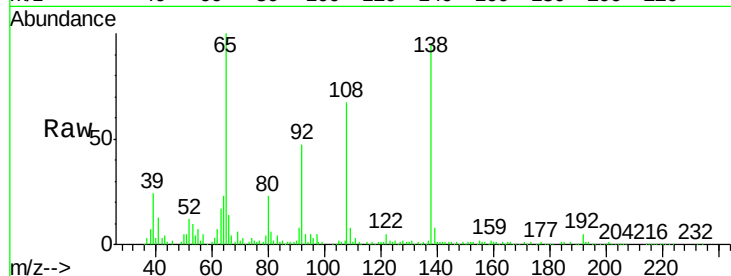
ClientSampled :

S3MS

Tot Ion:	138	Resp:	169800
Ion Ratio	Lower	Upper	
138	100		
92	49.1	30.2	70.2
108	70.4	52.5	92.5

Manual Integrations
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Sohil
4/13/2018 4:44:05 PM



#62

Azobenzene

Concen: 41.955 ng

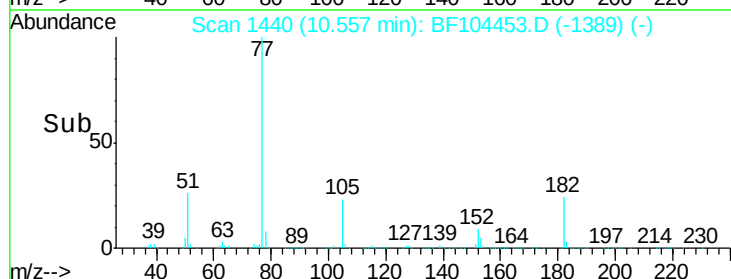
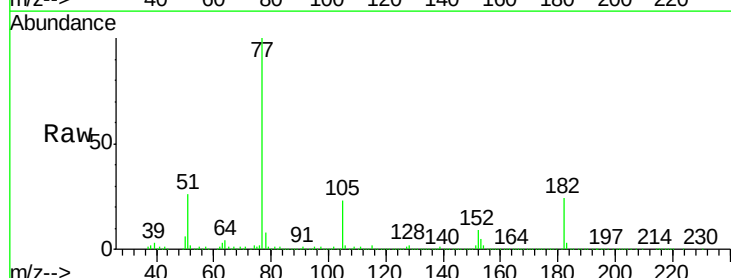
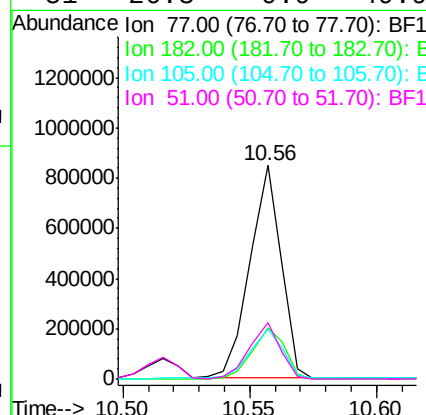
RT: 10.56 min Scan# 1440

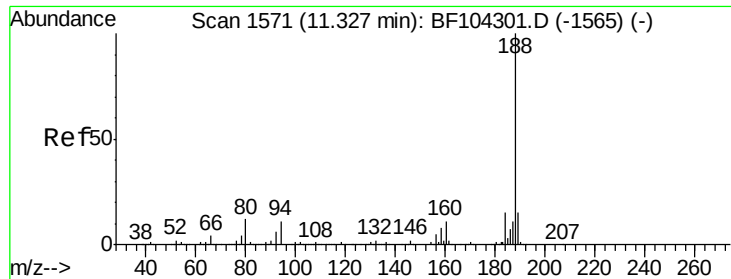
Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	77	Resp:	732506
Ion Ratio	Lower	Upper	
77	100		
182	23.8	1.7	41.7
105	23.4	3.0	43.0
51	26.3	9.9	49.9





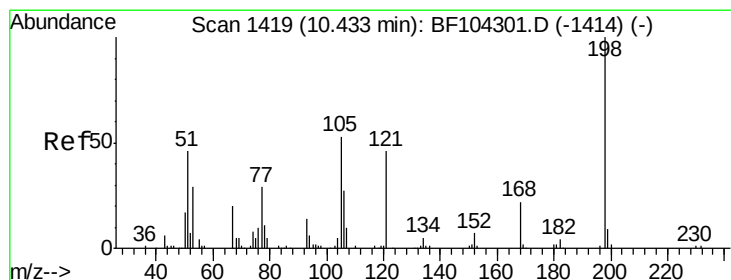
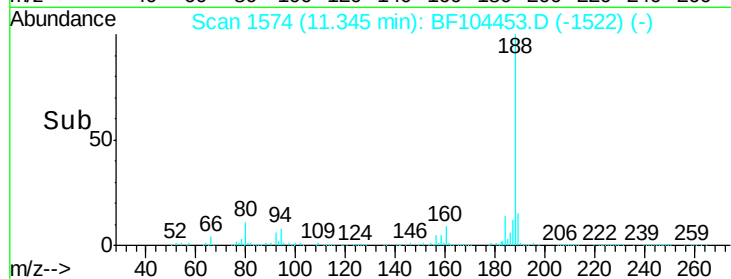
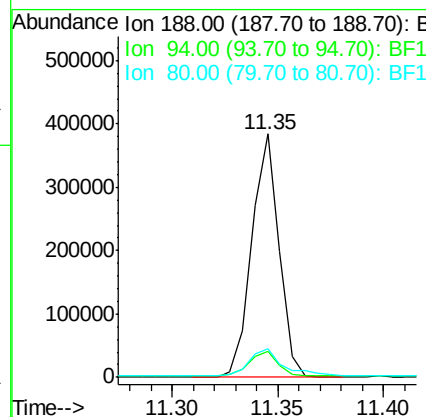
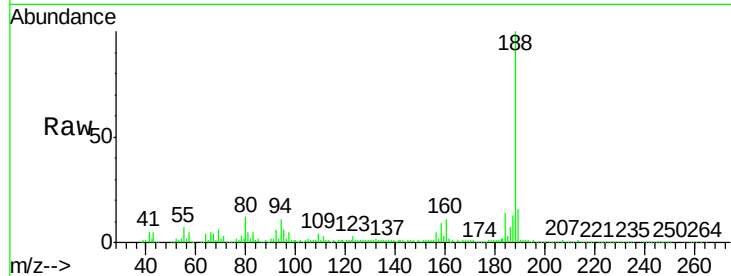
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	9.2	13.8

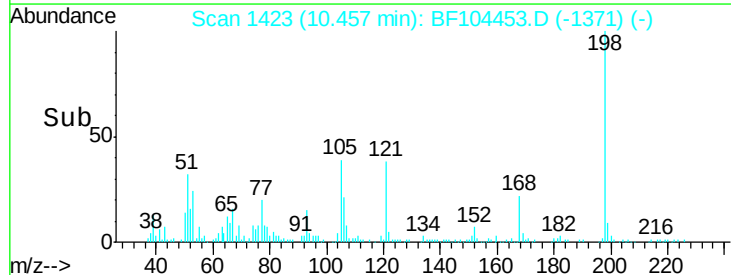
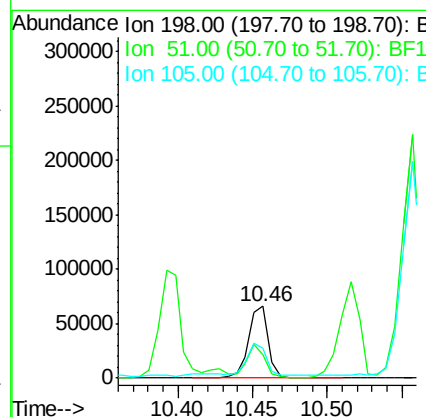
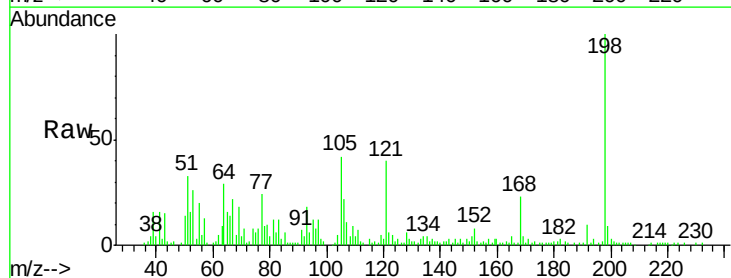
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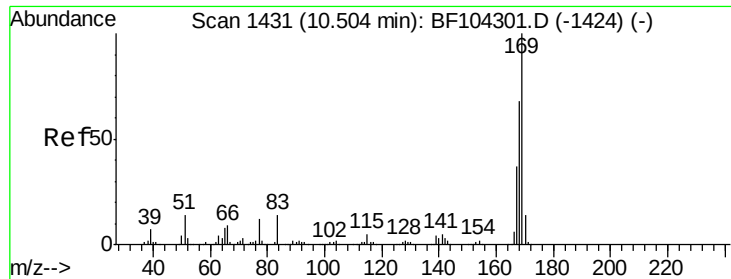
Sohil
4/13/2018 4:44:05 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.963 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.3	37.7	77.7#
105	42.2	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 54.450 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampled :

S3MS

Tot Ion:169 Resp: 646036

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

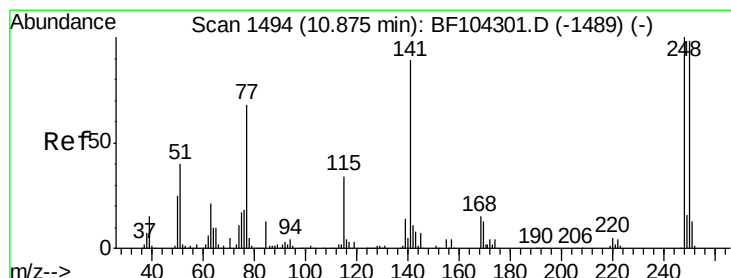
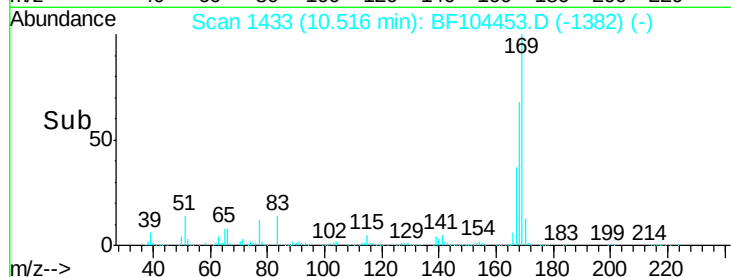
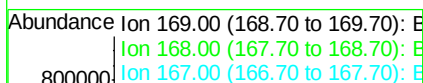
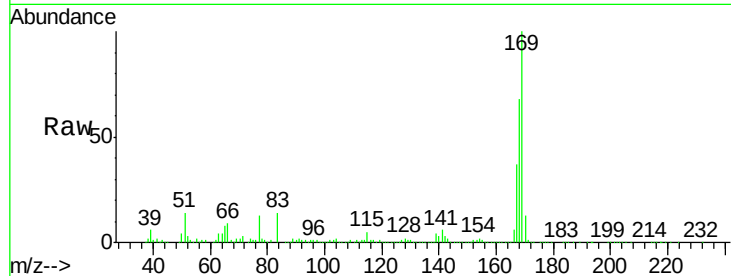
167 36.6 29.8 44.6

Manual Integrations

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#66

4-Bromophenyl-phenylether

Concen: 55.392 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

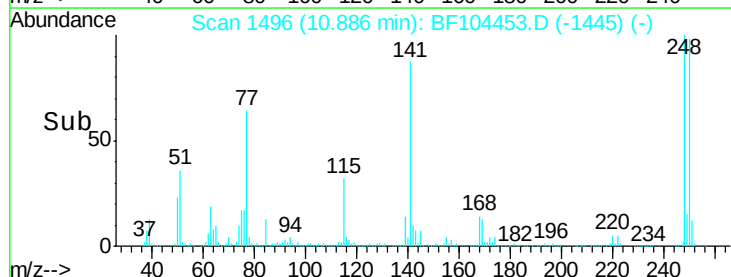
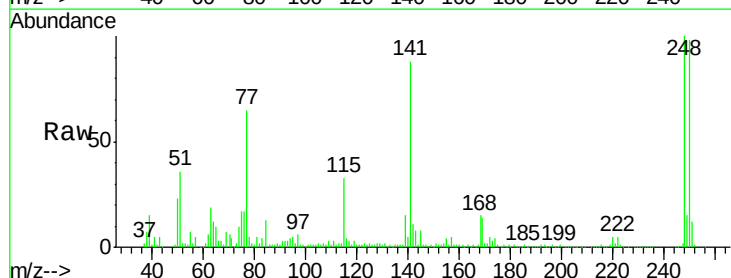
Tgt Ion:248 Resp: 201619

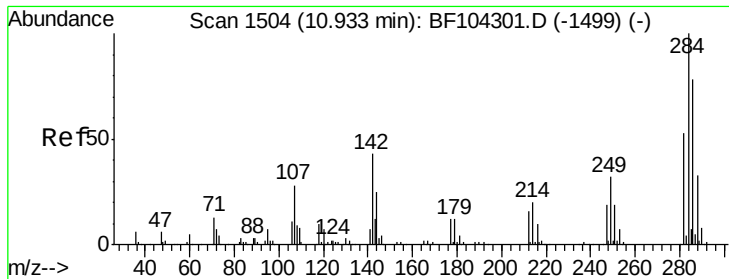
Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

141 87.7 74.4 111.6





#67

Hexachlorobenzene

Concen: 51.115 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

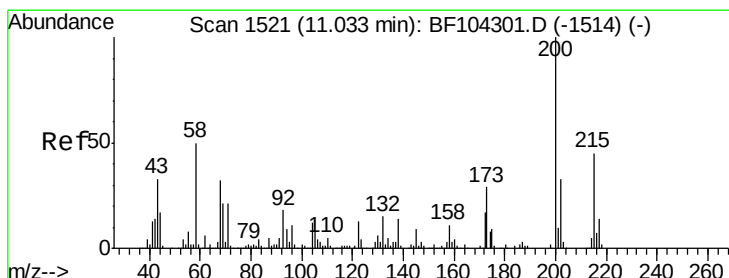
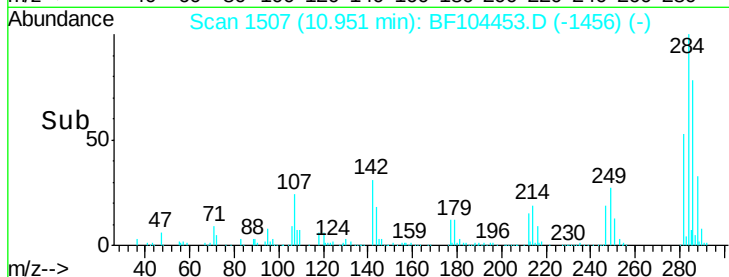
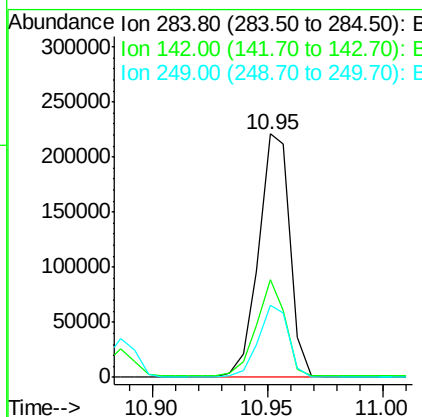
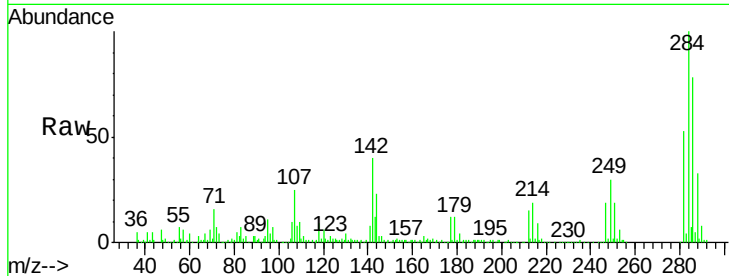
ClientSampled :

S3MS

Tot Ion:	284	Resp:	209350
Ion Ratio		Lower	Upper
284	100		
142	40.1	34.6	52.0
249	29.6	24.8	37.2

Manual Integrations
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4/13/2018 4:44:05 PM



#68

Atrazine

Concen: 53.241 ng

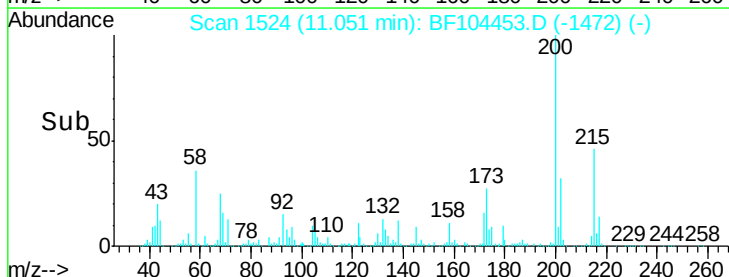
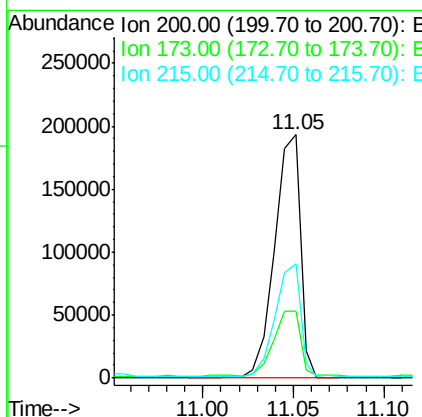
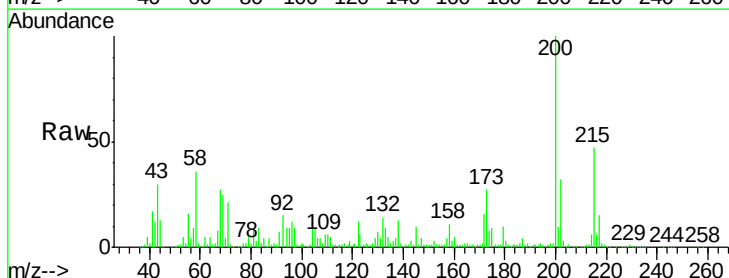
RT: 11.05 min Scan# 1524

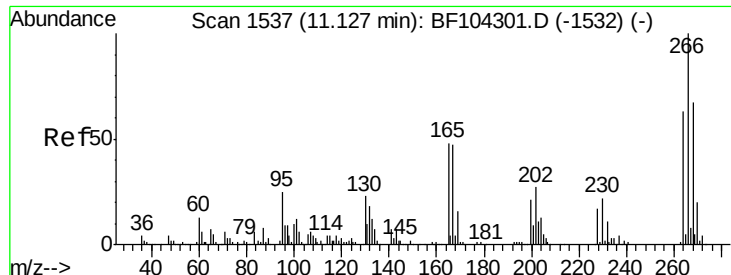
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	200	Resp:	190675
Ion Ratio		Lower	Upper
200	100		
173	27.4	8.6	48.6
215	46.8	25.1	65.1





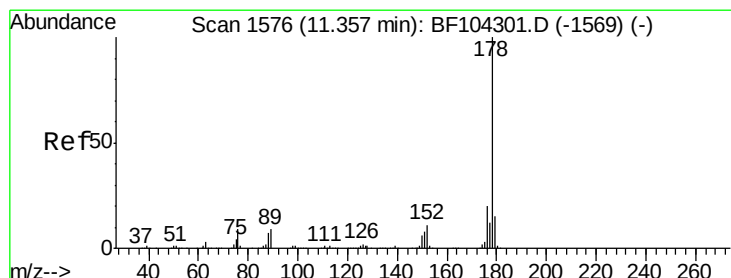
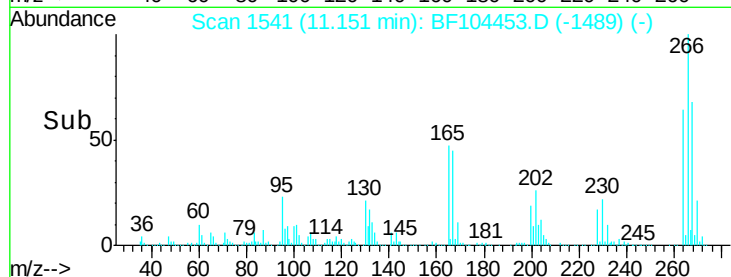
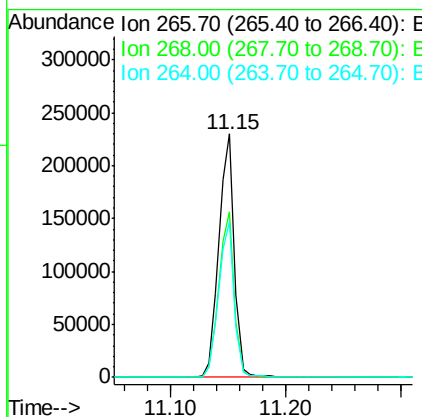
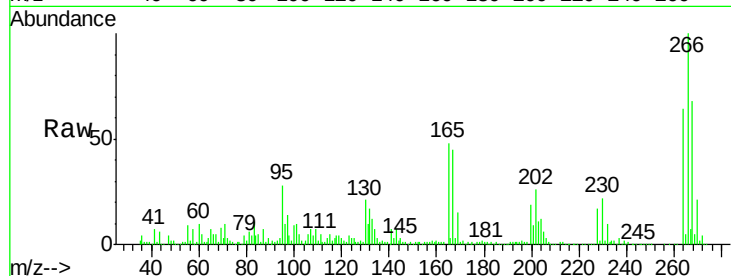
#69
 Pentachlorophenol
 Concen: 84.763 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S3MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	51.1	76.7
264	63.6	49.5	74.3

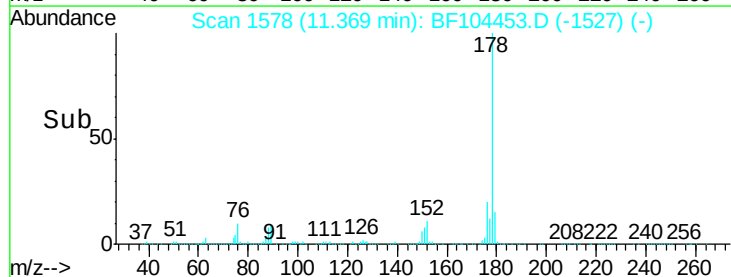
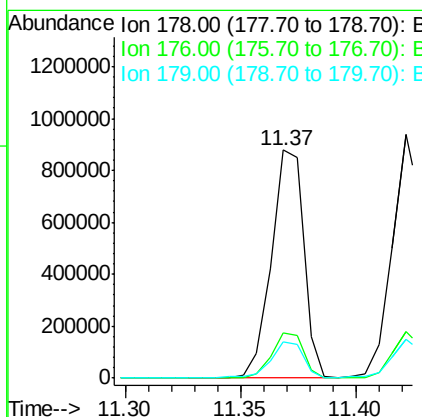
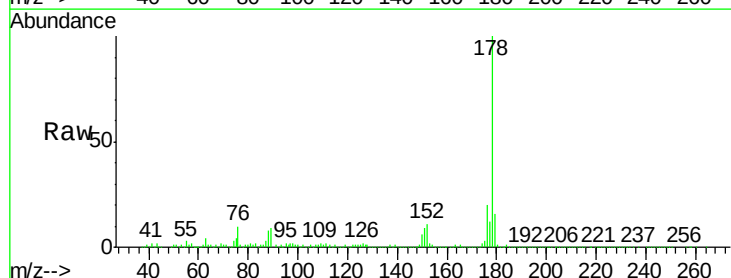
Manual Integrations
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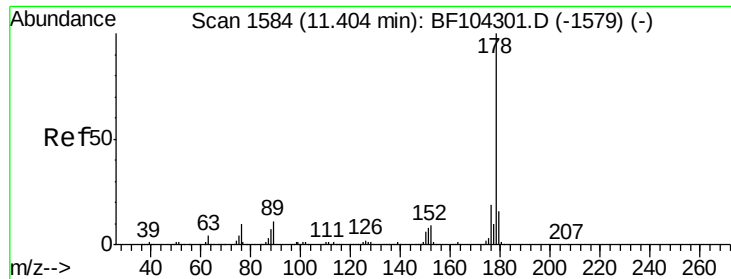
Sohil
 4/13/2018 4:44:05 PM



#70
 Phenanthrene
 Concen: 44.741 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6





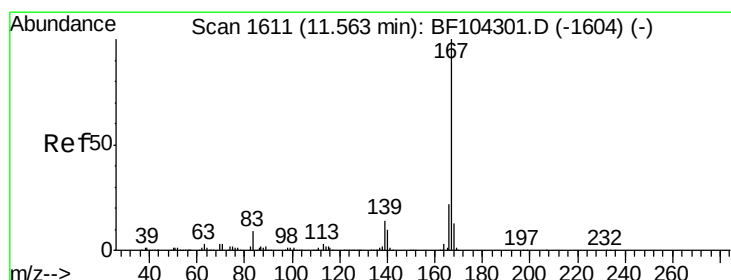
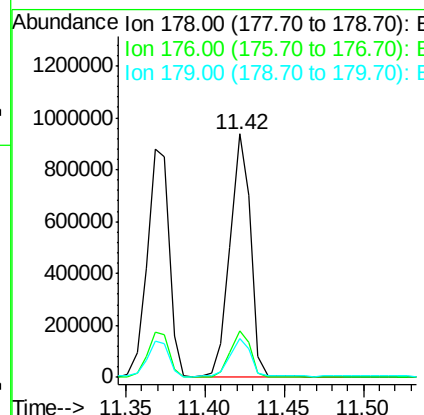
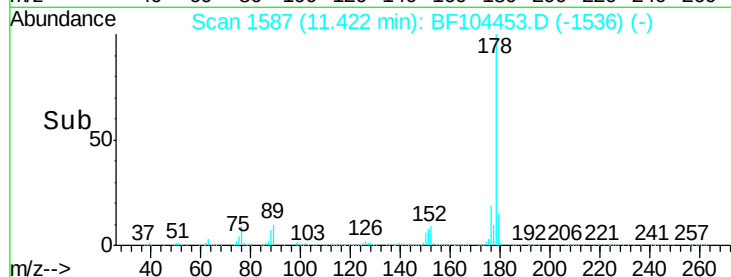
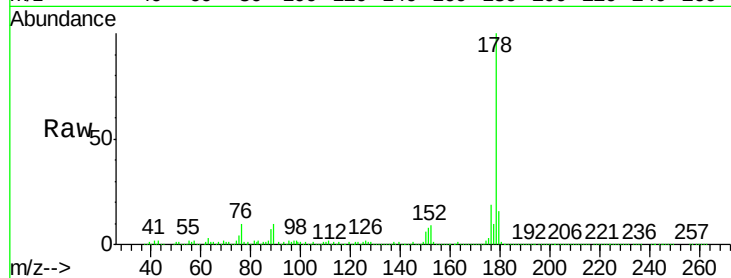
#71
 Anthracene
 Concen: 43.235 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :
 S3MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.0	12.6	19.0

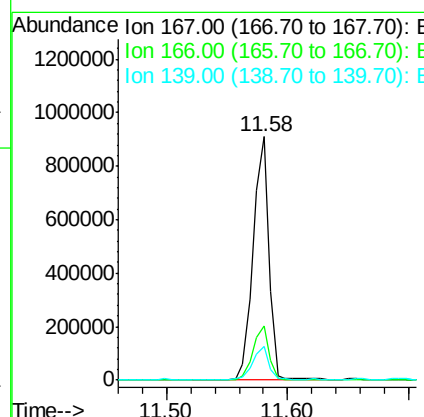
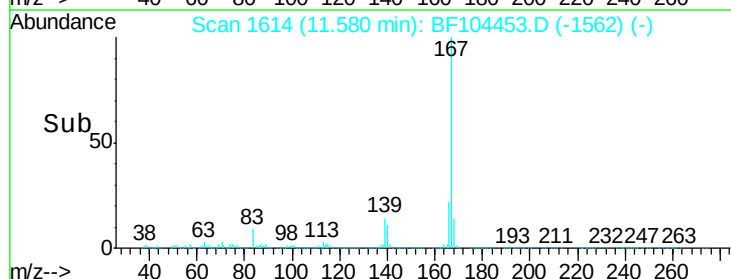
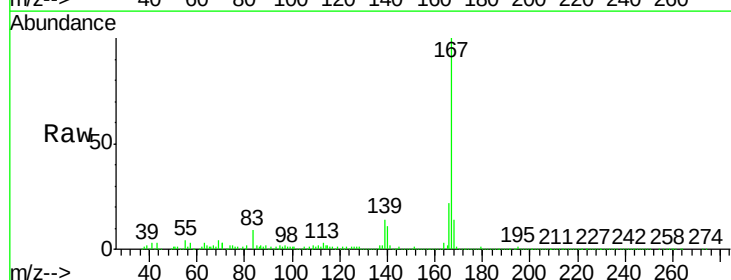
Manual Integrations
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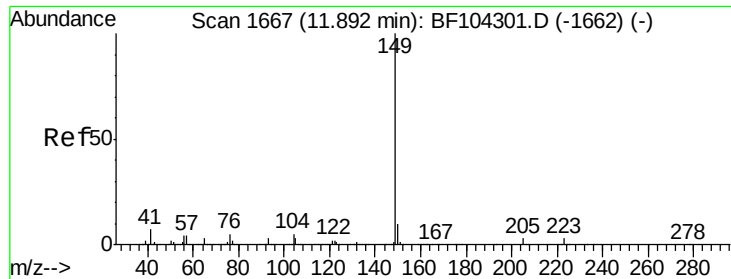
Sohil
 4/13/2018 4:44:05 PM



#72
 Carbazole
 Concen: 43.763 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.393 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

S3MS

Tot Ion:149 Resp: 1026514

Ion Ratio Lower Upper

149 100

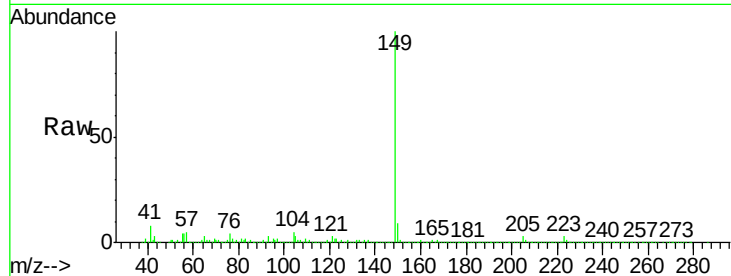
150 9.3 7.8 11.6

104 4.8 3.8 5.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

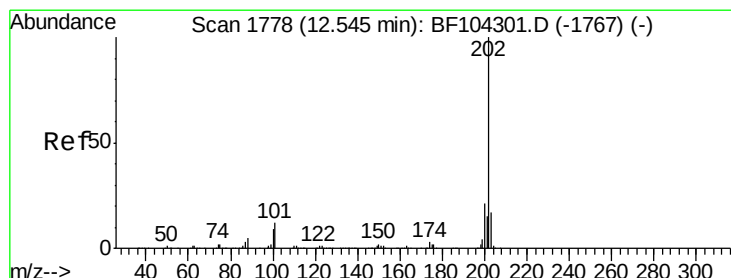
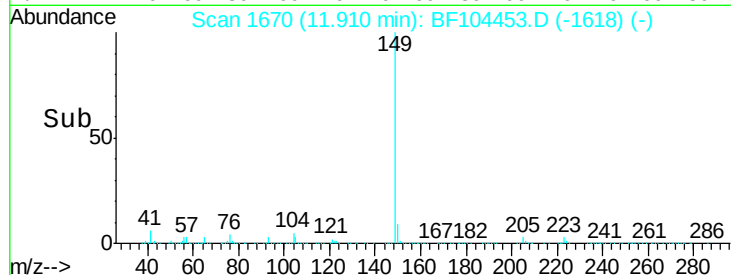
11.91

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 39.550 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.02 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

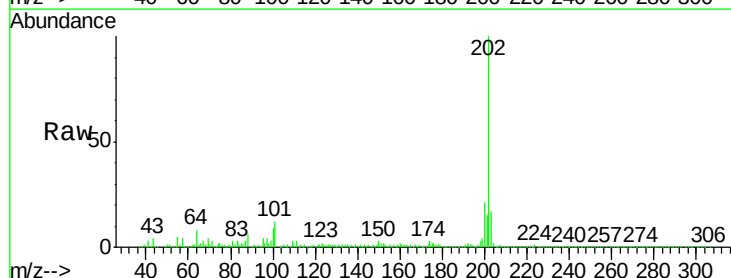
Tgt Ion:202 Resp: 787463

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.58

1000000

800000

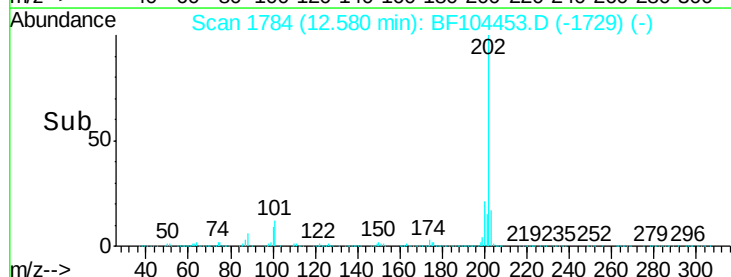
600000

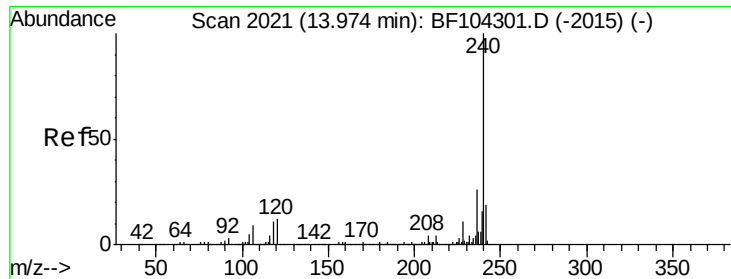
400000

200000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

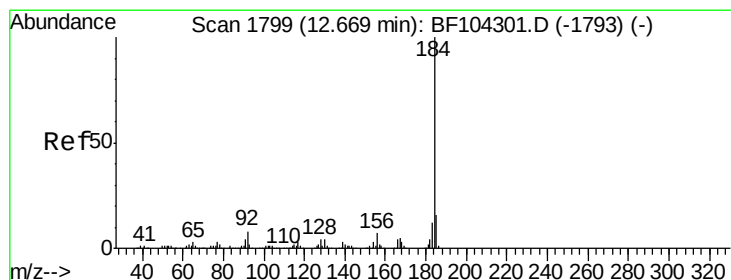
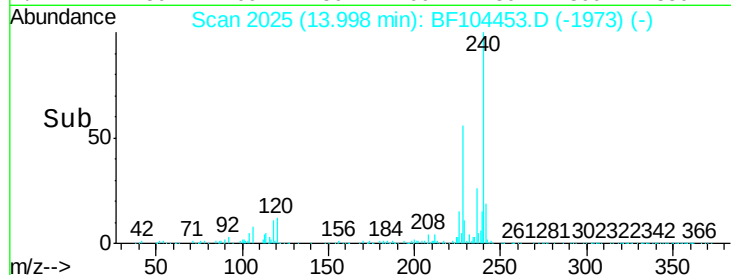
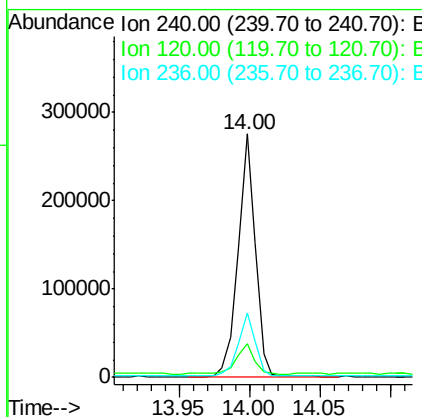
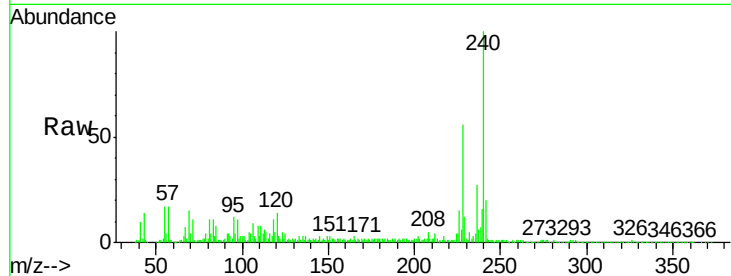
ClientSampleId :

S3MS

Tot Ion:	240	Resp:	232477
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 42.984 ng

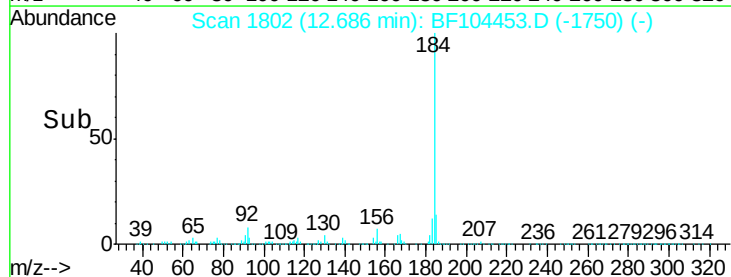
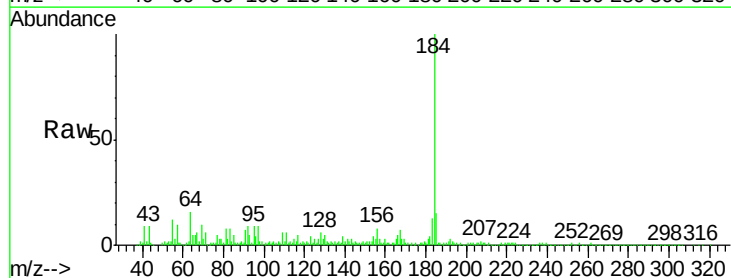
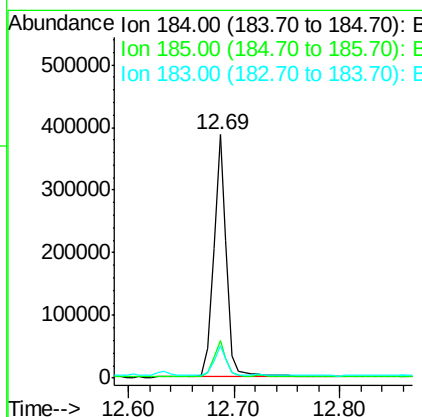
RT: 12.69 min Scan# 1802

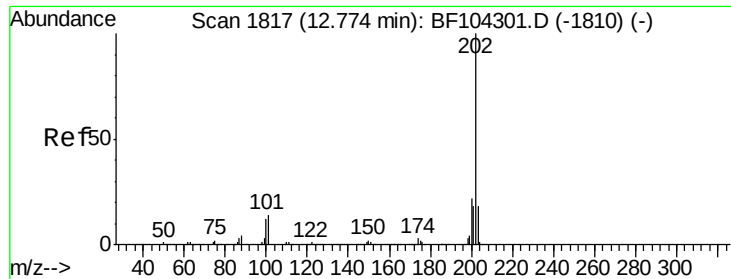
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	184	Resp:	331762
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	13.3	9.3	13.9





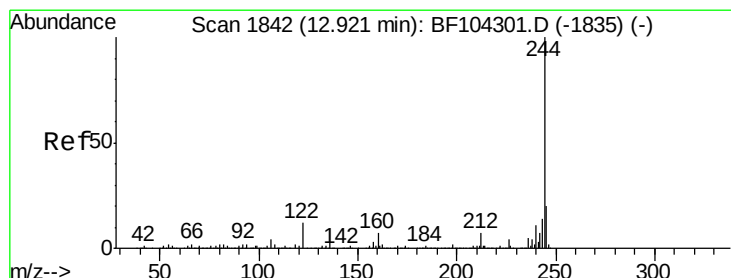
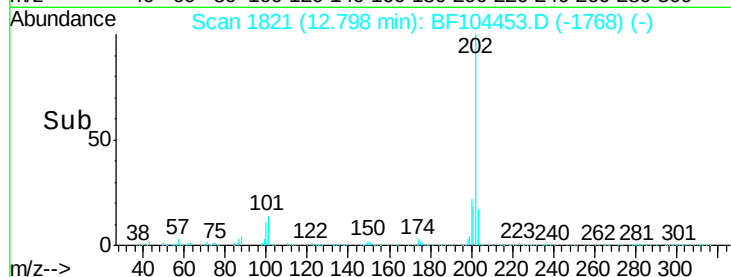
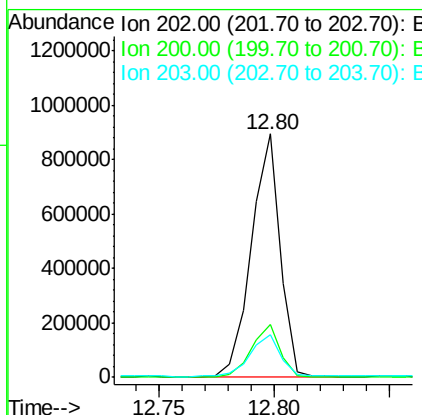
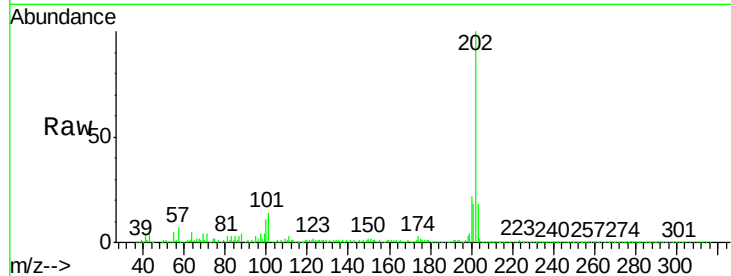
#77
Pvrene
Concen: 45.050 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

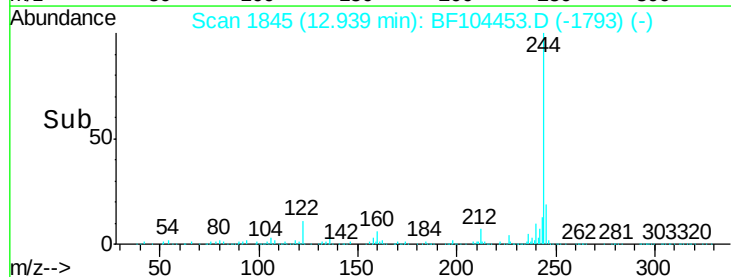
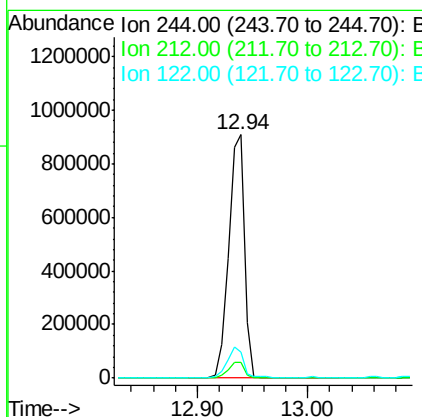
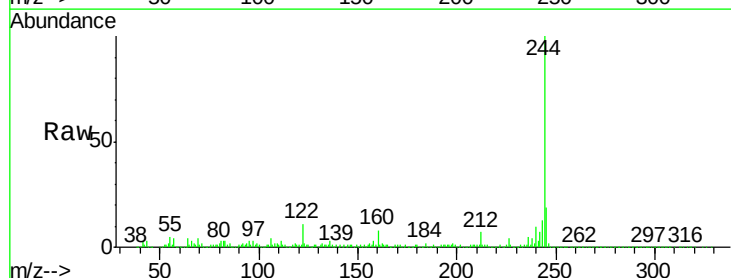
Manual Integrations
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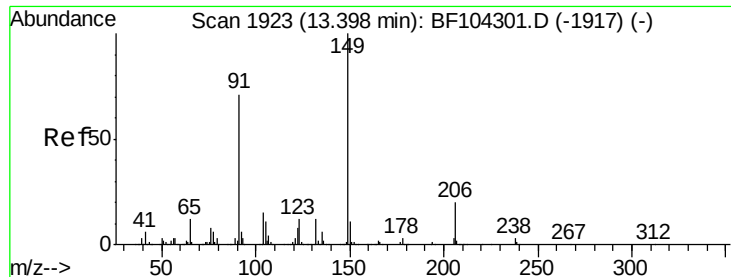
Sohil
4/13/2018 4:44:05 PM



#78
Terphenyl-d14
Concen: 89.279 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4#





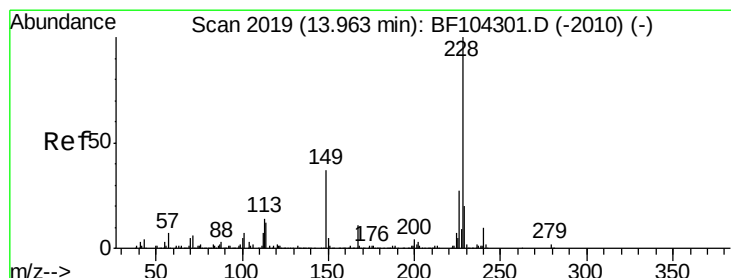
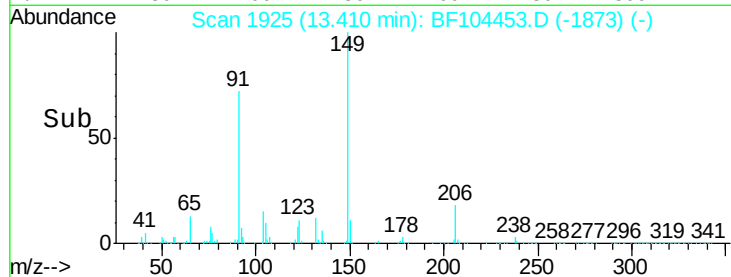
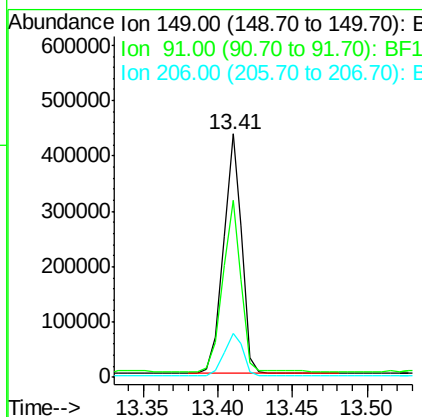
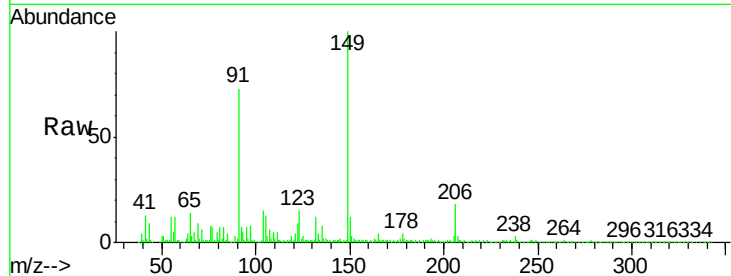
#79
Butylbenzylphthalate
Concen: 45.795 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	371778		
91	72.9	56.8	85.2	
206	18.1	14.1	21.1	

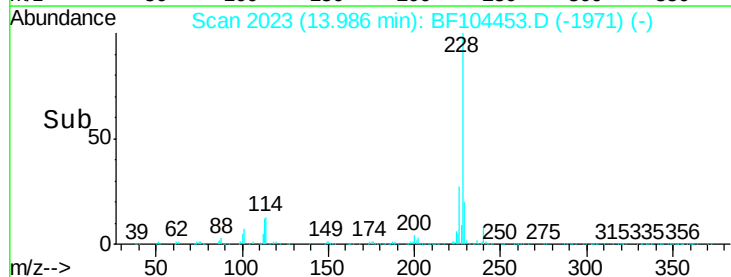
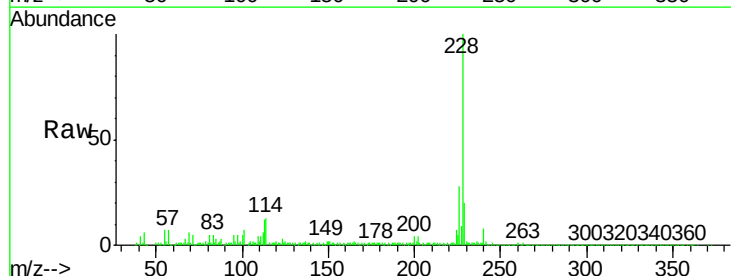
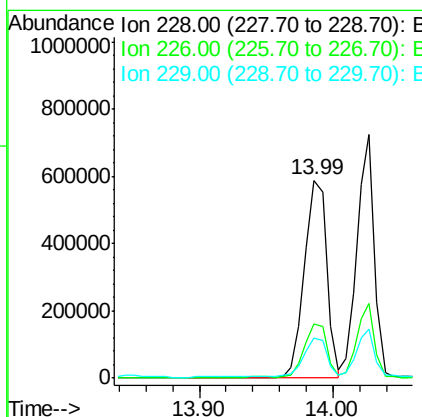
Manual Integrations
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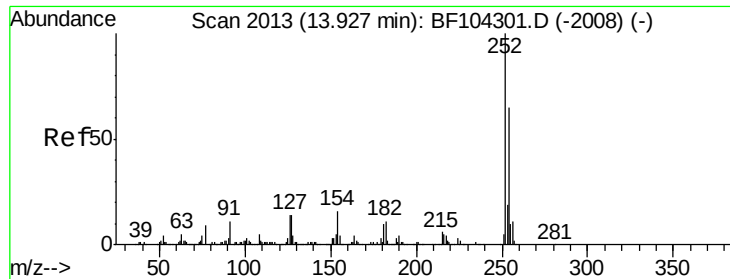
Sohil
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#80
Benzo(a)anthracene
Concen: 48.289 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	670662		
226	27.6	22.6	33.8	
229	20.5	15.8	23.6	





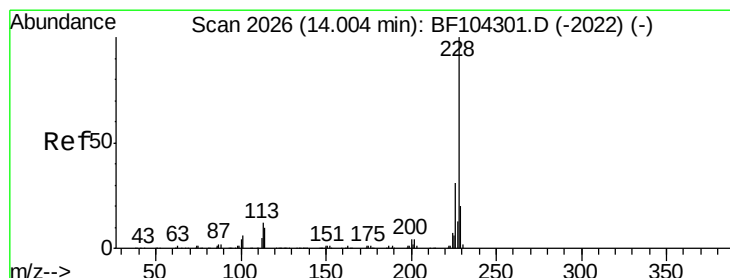
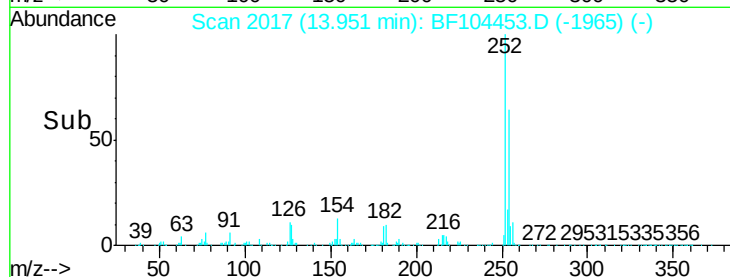
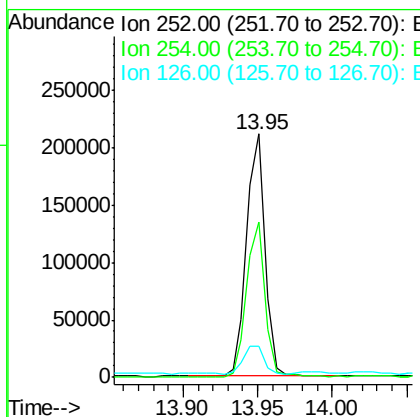
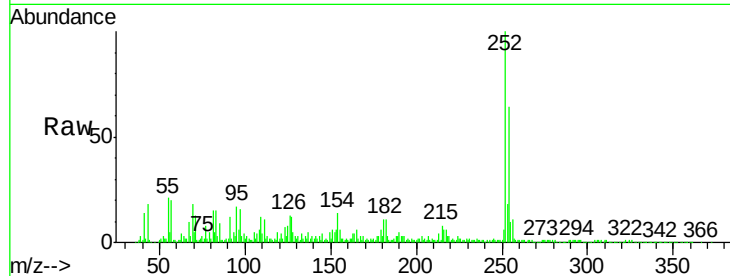
#81
3,3'-Dichlorobenzidine
Concen: 35.042 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :
S3MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	181459		
254	63.9		50.4	75.6
126	12.6		11.3	16.9

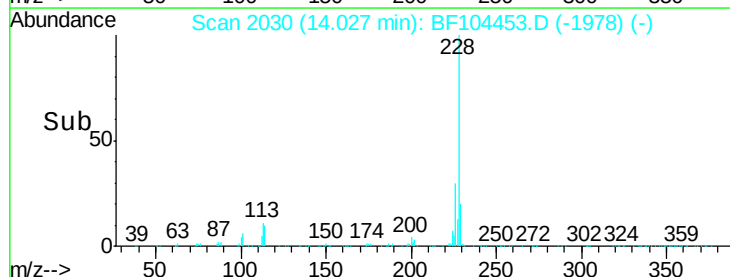
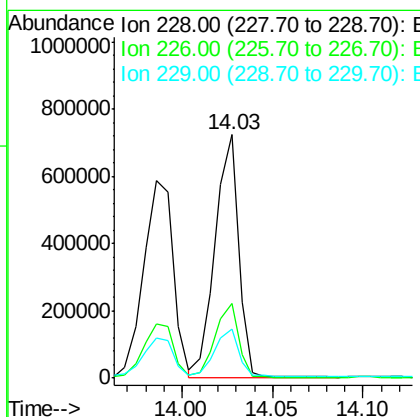
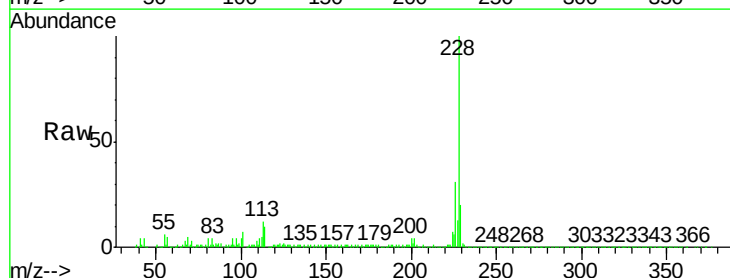
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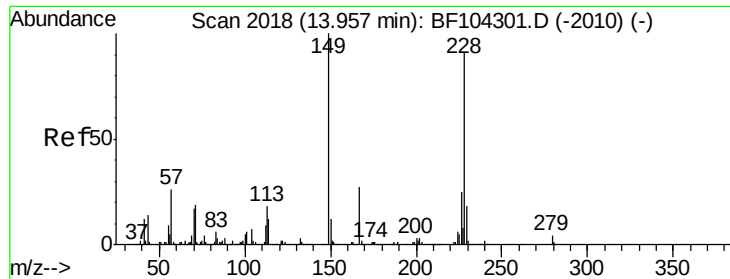
Sohil
4/13/2018 4:44:05 PM



#82
Chrysene
Concen: 45.846 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	654011		
226	30.7		25.0	37.6
229	20.0		16.2	24.4





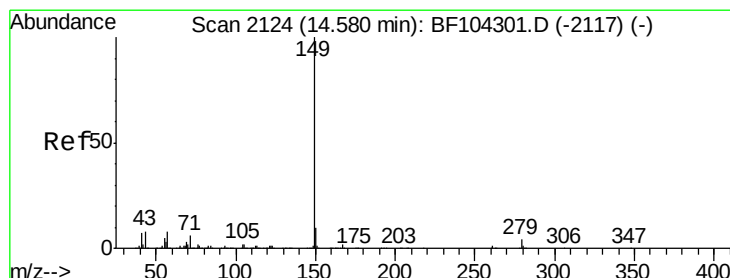
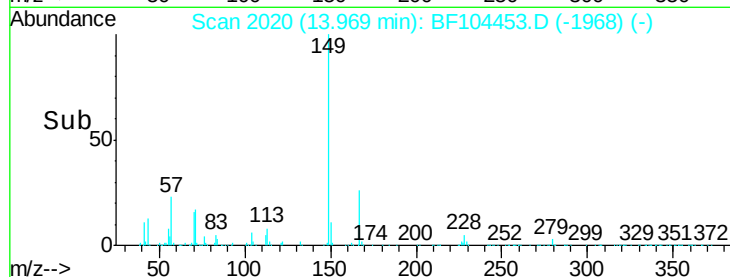
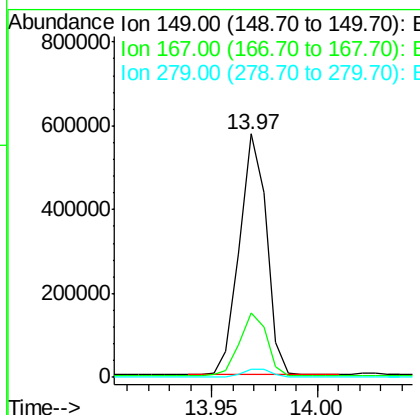
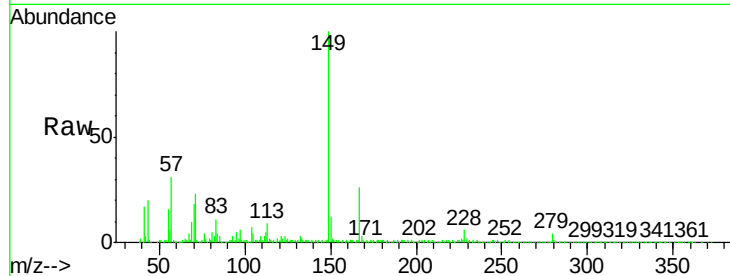
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.397 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampled :
 S3MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	505367		
167	26.3	21.3	31.9	
279	3.5	3.0	4.4	

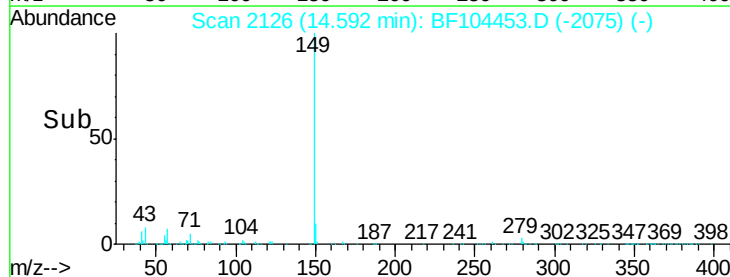
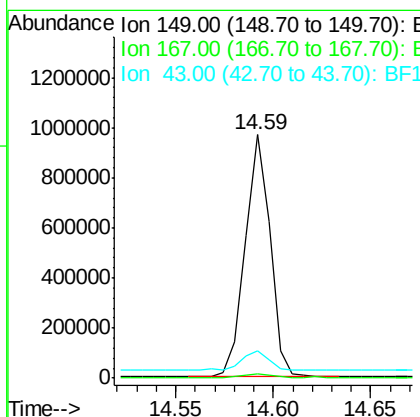
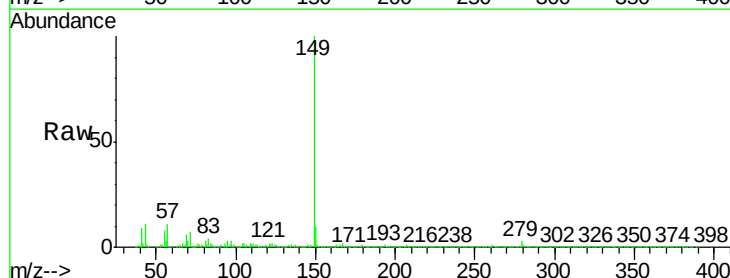
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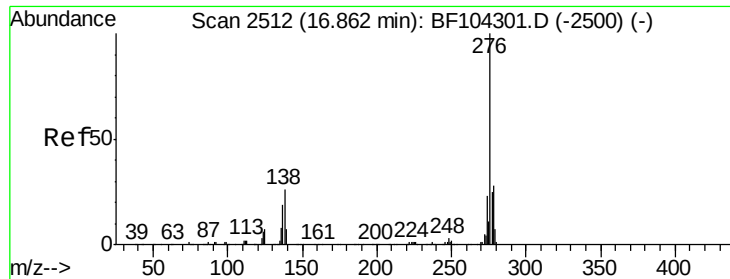
Sohil
 4/13/2018 4:44:05 PM



#84
 Di-n-octyl phthalate
 Concen: 48.877 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	852792		
167	1.6	1.2	1.8	
43	8.9	8.4	12.6	





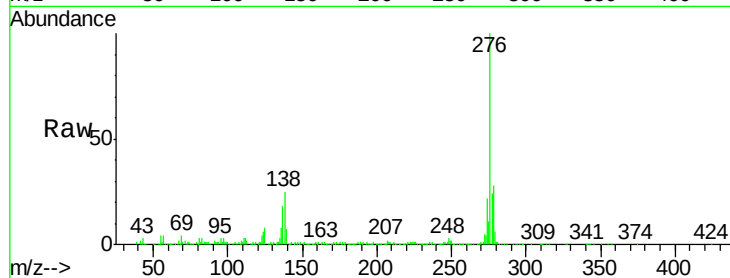
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.917 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.2	20.1	30.1

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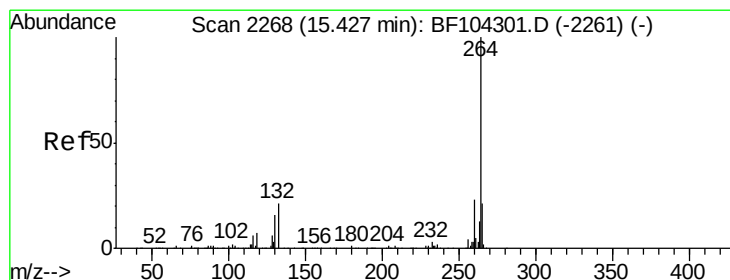
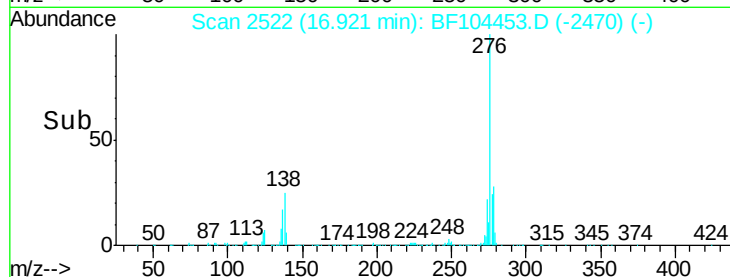
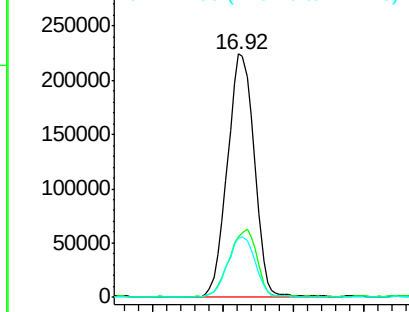


Abundance

Ion 276.00 (275.70 to 276.70): E

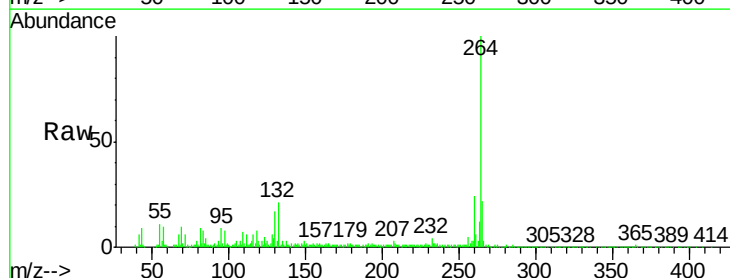
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

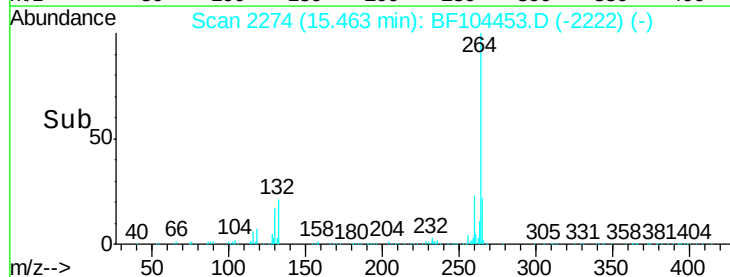
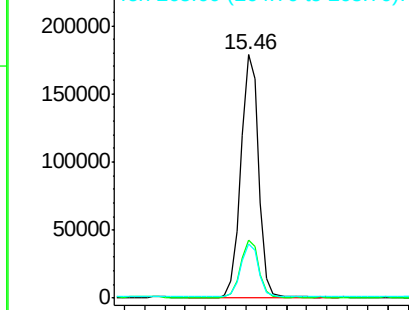


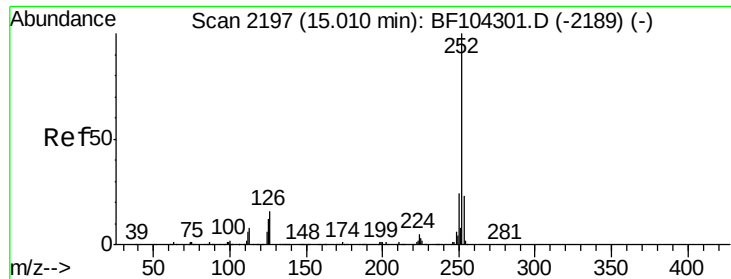
Abundance

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





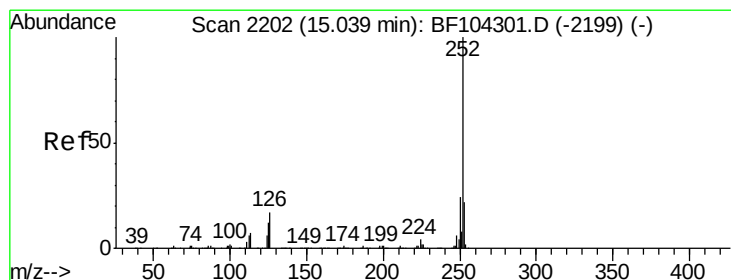
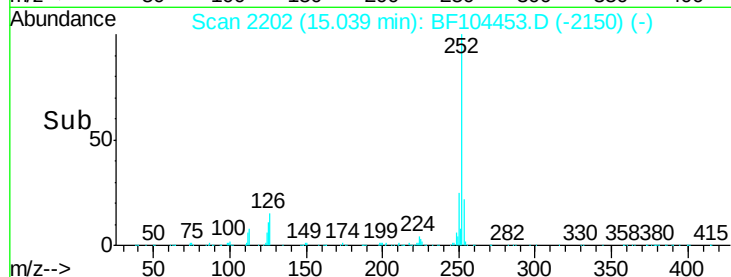
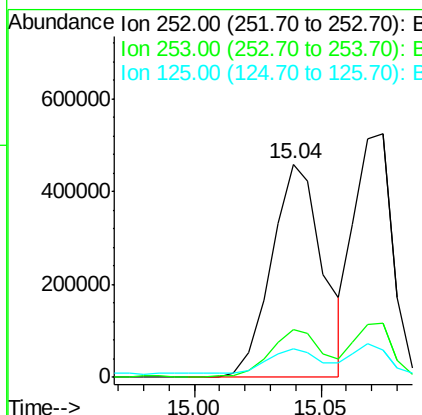
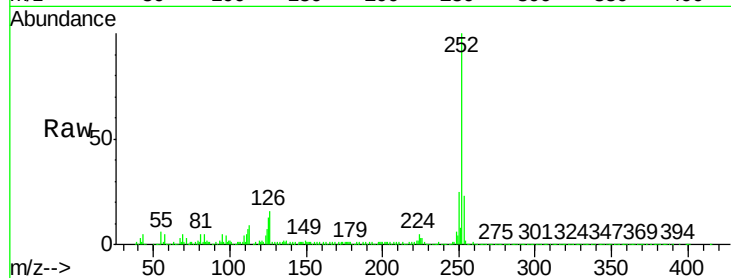
#87
Benzo(b)fluoranthene
Concen: 46.928 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :
S3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.2	9.0	13.6

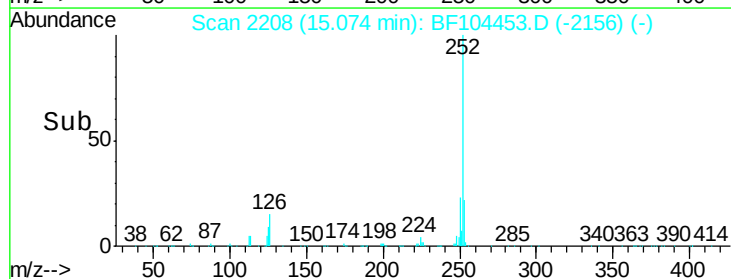
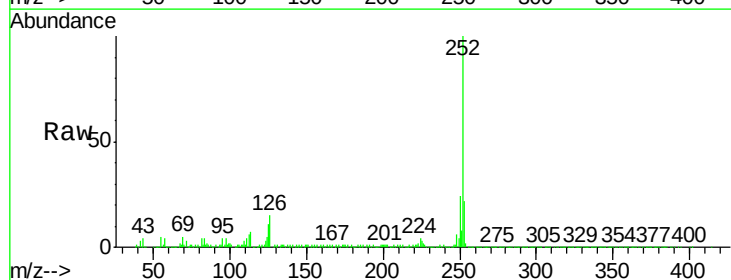
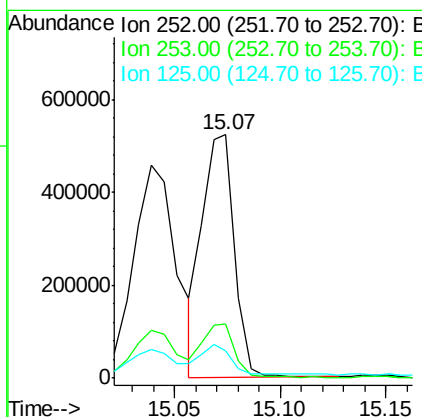
Manual Integrations
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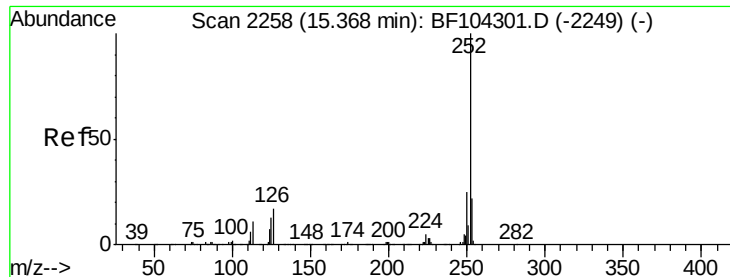
Sohil
4/13/2018 4:44:05 PM



#88
Benzo(k)fluoranthene
Concen: 42.457 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 45.928 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

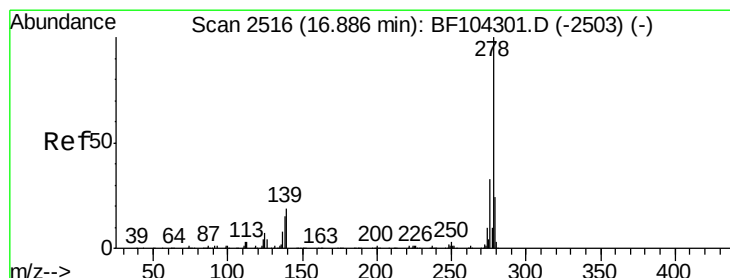
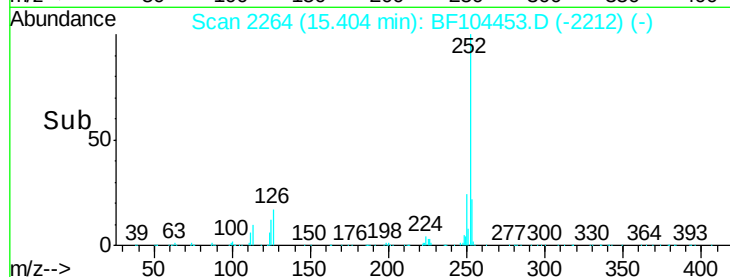
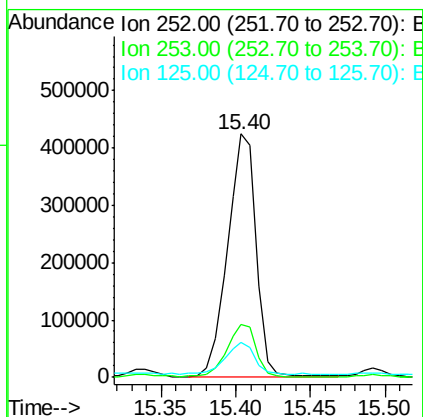
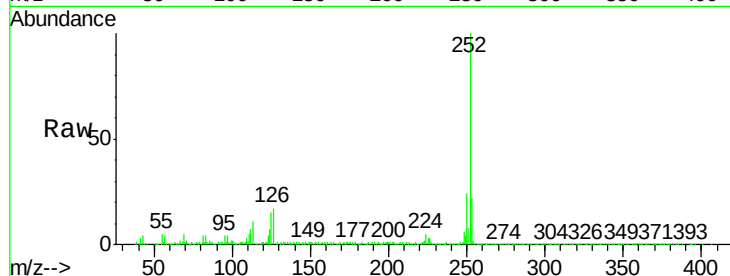
ClientSampled :

S3MS

Tot Ion:	252	Resp:	566496
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	14.5	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 48.030 ng

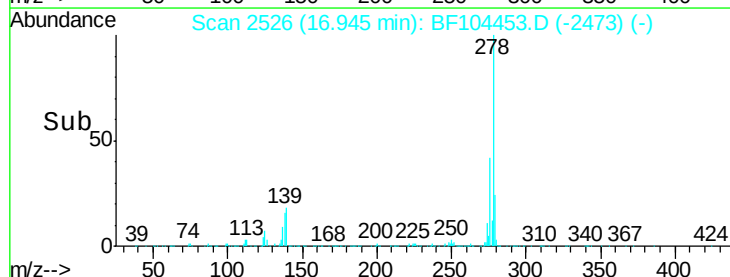
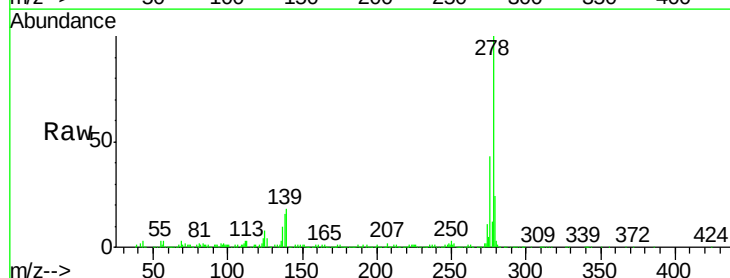
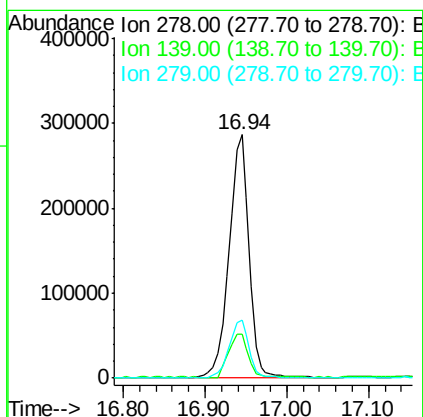
RT: 16.94 min Scan# 2526

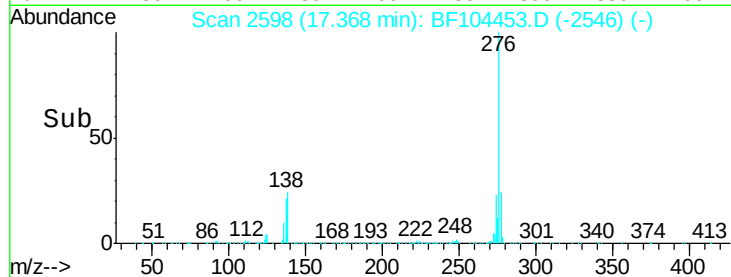
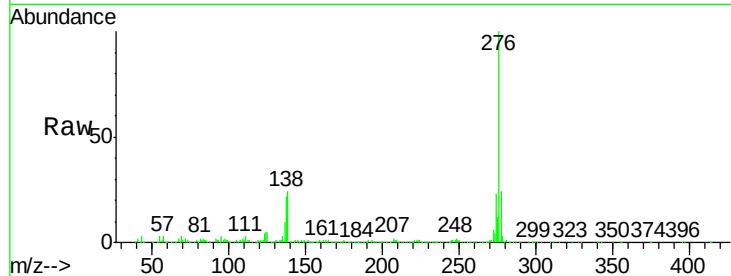
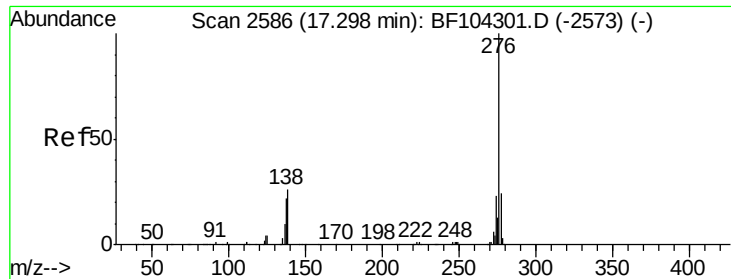
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:	278	Resp:	486564
Ion Ratio	Lower	Upper	
278	100		
139	17.9	15.9	23.9
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 48.691 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

S3MS

Tot Ion: 276 Resp: 477883

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 24.1 21.8 32.8

Manual Integrations

APPROVED

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