

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102238.D
 Acq On : 20 Jan 2018 1:05
 Operator : SJ/JU
 Sample : J1189-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Manual Integrations
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Sohil
 1/22/2018 5:24:41 PM

Quant Time: Jan 20 02:38:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155887	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	632995	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	283721	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	457683	20.00	ng	0.00
75) Chrysene-d12	13.87	240	272325	20.00	ng	0.00
86) Perylene-d12	15.30	264	274169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1023503	92.71	ng	0.01
7) Phenol-d6	6.37	99	1259579	95.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	795834	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	274980	111.06	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1346567	74.15	ng	0.00
78) Terphenyl-d14	12.83	244	1011782	77.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	131250	23.824	ng	97
3) Pyridine	3.14	79	371802	24.712	ng	96
4) n-Nitrosodimethylamine	3.10	42	186660	29.627	ng	98
6) Aniline	6.39	93	380257	20.486	ng	# 73
8) 2-Chlorophenol	6.51	128	369653	33.387	ng	97
9) Benzaldehyde	6.27	77	252115	27.567	ng	97
10) Phenol	6.38	94	468897	31.501	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	349066	30.810	ng	98
12) 1,3-Dichlorobenzene	6.66	146	384719	30.143	ng	97
13) 1,4-Dichlorobenzene	6.74	146	392437	30.813	ng	99
14) 1,2-Dichlorobenzene	6.89	146	366629	31.102	ng	97
15) Benzyl Alcohol	6.87	79	305645	31.724	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	569809	27.283	ng	98
17) 2-Methylphenol	6.99	107	309682	31.006	ng	98
18) Hexachloroethane	7.23	117	131654	29.355	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	252624	29.267	ng	96
20) 3+4-Methylphenols	7.14	107	369459	30.808	ng	# 79
22) Acetophenone	7.13	105	499023	32.720	ng	# 91
24) Nitrobenzene	7.31	77	384714	33.237	ng	95
25) Isophorone	7.55	82	705133	33.129	ng	100
26) 2-Nitrophenol	7.62	139	209677	43.280	ng	99
27) 2,4-Dimethylphenol	7.66	122	323970	35.806	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	454531	35.368	ng	99
29) 2,4-Dichlorophenol	7.86	162	319816	37.226	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	300698	33.462	ng	99
31) Naphthalene	8.03	128	1048555	33.151	ng	100
32) Benzoic acid	7.73	122	14173m	2.066	ng	
33) 4-Chloroaniline	8.07	127	278603	20.637	ng	99
34) Hexachlorobutadiene	8.14	225	156630	32.929	ng	100
35) Caprolactam	8.48	113	34674	11.757	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	337449	35.883	ng	99
37) 2-Methylnaphthalene	8.72	142	710129	34.104	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	278319	34.674	ng	99
40) Hexachlorocyclopentadiene	8.86	237	116410	26.519	ng	97

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 3C-11MSD

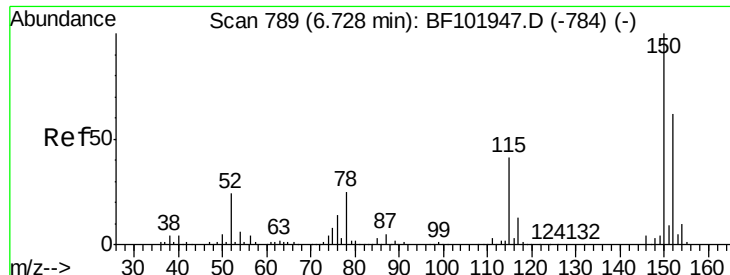
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 1/22/2018 5:24:41 PM

Quant Time: Jan 20 02:38:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	203910	36.865	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	215631	34.492	nq	99
45) 1,1'-Biphenyl	9.18	154	823397	32.834	nq	99
46) 2-Chloronaphthalene	9.20	162	645867	33.212	nq	99
47) 2-Nitroaniline	9.31	65	211347	36.281	nq	92
48) Acenaphthylene	9.62	152	974601	31.579	nq	99
49) Dimethylphthalate	9.49	163	1037481	45.583	nq	100
50) 2,6-Dinitrotoluene	9.55	165	169419	37.264	nq	97
51) Acenaphthene	9.79	154	565157	30.171	nq	99
52) 3-Nitroaniline	9.72	138	148907	25.952	nq	100
53) 2,4-Dinitrophenol	9.82	184	25667	21.832	nq	# 21
54) Dibenzofuran	9.96	168	847078	32.950	nq	99
55) 4-Nitrophenol	9.89	139	267924	62.657	nq	96
56) 2,4-Dinitrotoluene	9.96	165	216797	38.045	nq	95
57) Fluorene	10.30	166	641197	36.079	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	160050	35.960	nq	97
59) Diethylphthalate	10.19	149	735533	32.488	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	282272	37.300	nq	96
61) 4-Nitroaniline	10.33	138	176869	32.480	nq	90
62) Azobenzene	10.46	77	682036	30.278	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	54515	25.006	nq	78
65) n-Nitrosodiphenylamine	10.42	169	595519	34.748	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	176341	36.484	nq	98
67) Hexachlorobenzene	10.85	284	184923	35.046	nq	95
68) Atrazine	10.95	200	180165	36.376	nq	96
69) Pentachlorophenol	11.05	266	167648	52.104	nq	98
70) Phenanthrene	11.27	178	871637	32.603	nq	99
71) Anthracene	11.32	178	917667	33.845	nq	99
72) Carbazole	11.47	167	847486	31.800	nq	100
73) Di-n-butylphthalate	11.80	149	1108181	33.893	nq	100
74) Fluoranthene	12.45	202	779579	29.638	nq	99
76) Benzidine	12.58	184	452729	34.427	nq	96
77) Pyrene	12.68	202	770213	31.996	nq	99
79) Butylbenzylphthalate	13.30	149	397152	35.951	nq	99
80) Benzo(a)anthracene	13.87	228	558264	32.130	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	206610	32.115	nq	97
82) Chrysene	13.90	228	550049	30.360	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	523328	41.295	nq	# 99
84) Di-n-octyl phthalate	14.47	149	833478	39.634	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	518770	39.341	nq	99
87) Benzo(b)fluoranthene	14.89	252	563654	31.530	nq	99
88) Benzo(k)fluoranthene	14.92	252	531573	30.824	nq	98
89) Benzo(a)pyrene	15.24	252	537861	33.435	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	437867	34.109	nq	97
91) Benzo(g,h,i)perylene	17.10	276	405505	31.358	nq	98

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



#1

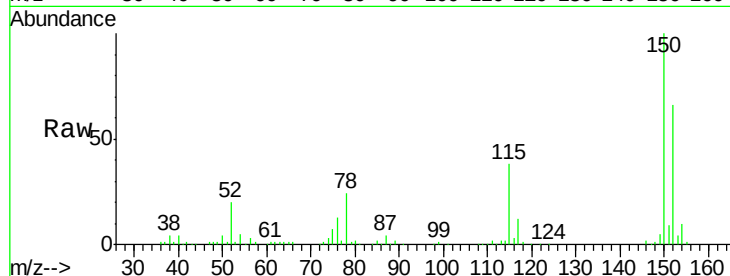
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

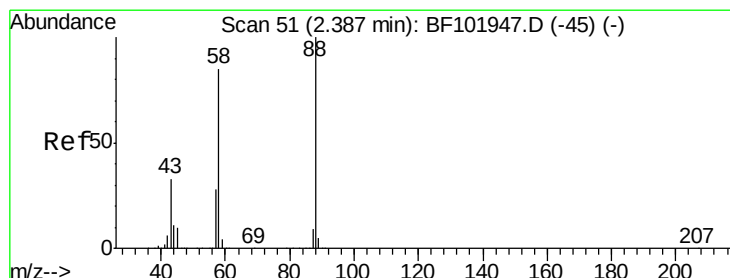
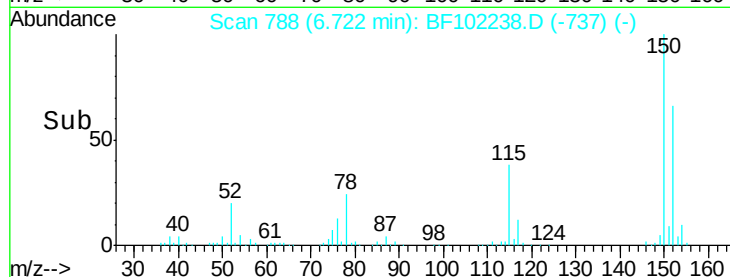
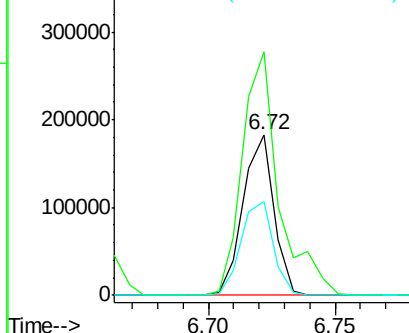
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.6	186.8
115	58.2	50.1	75.1

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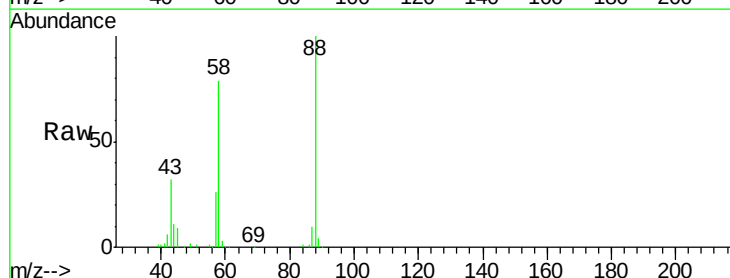
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



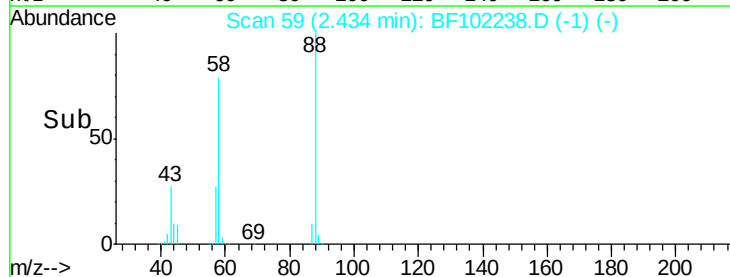
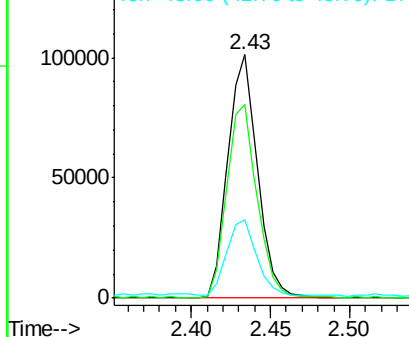
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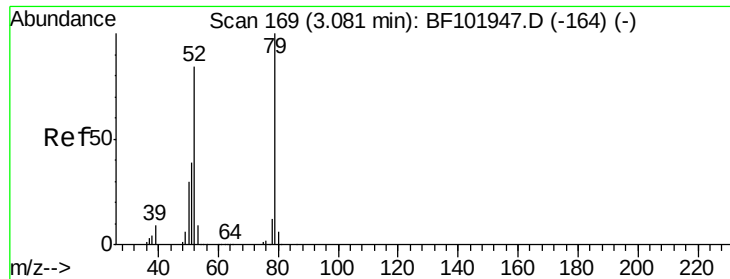
1,4-Dioxane
Concen: 23.824 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.05 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	31.1	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





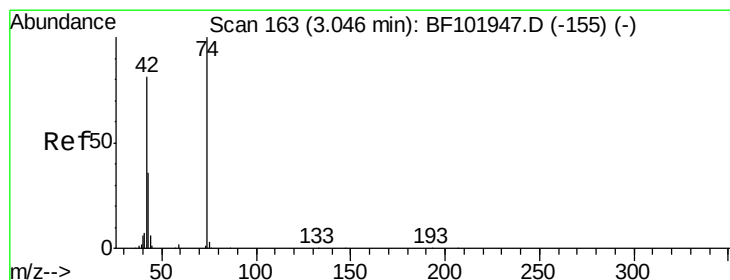
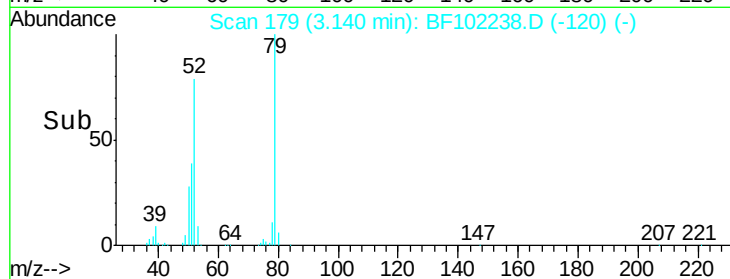
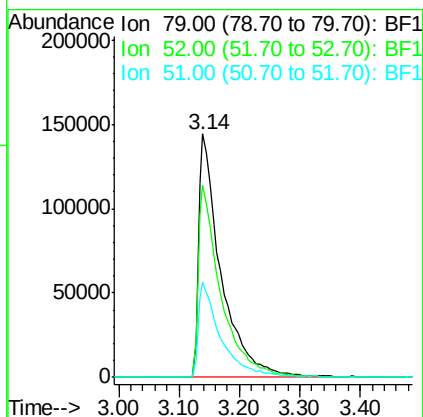
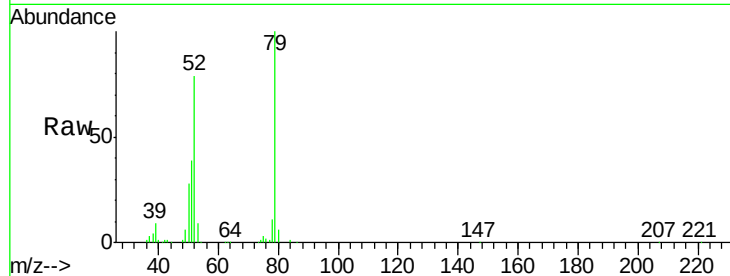
#3
 Pvridine
 Concen: 24.712 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.05 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
79	100		
52	79.1	59.8	89.6
51	38.9	29.8	44.8

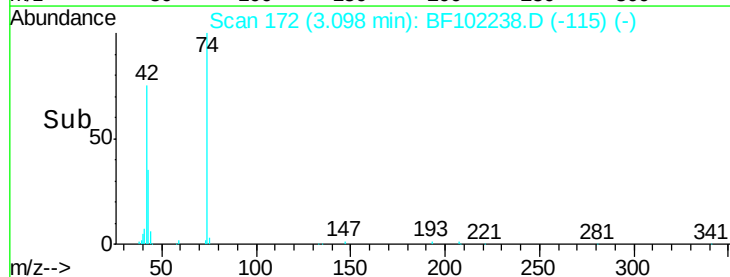
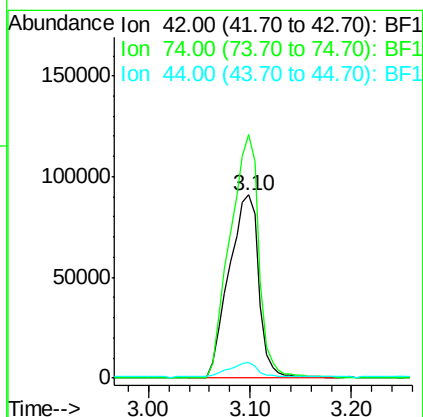
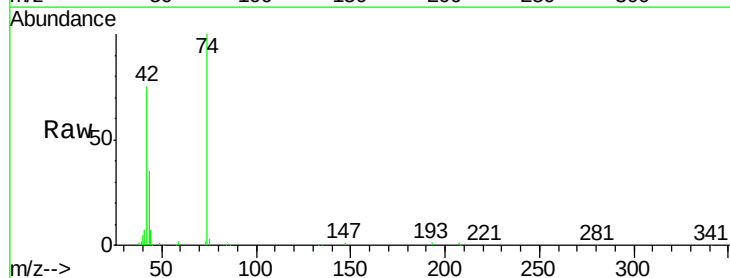
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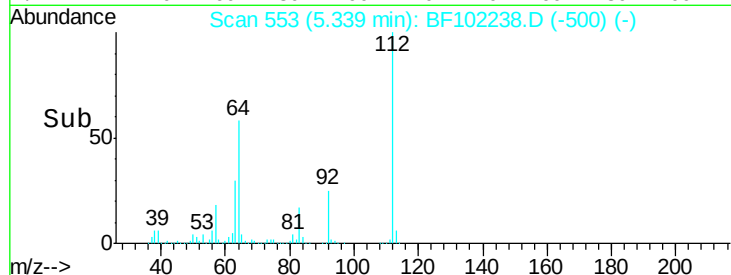
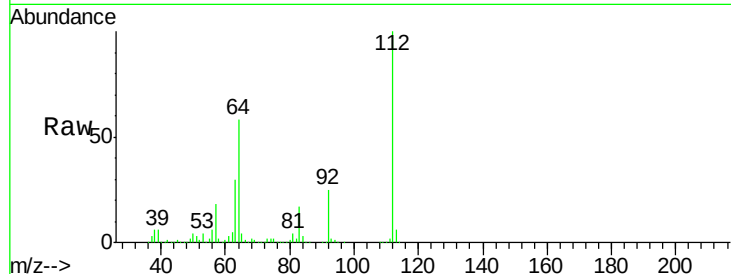
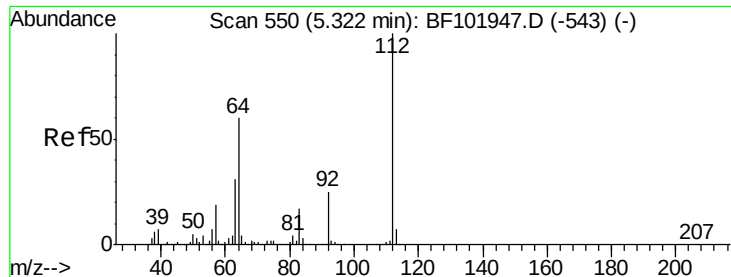
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#4
 n-Nitrosodimethylamine
 Concen: 29.627 ng
 RT: 3.10 min Scan# 172
 Delta R.T. 0.04 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.9	104.9	157.3
44	8.8	6.9	10.3





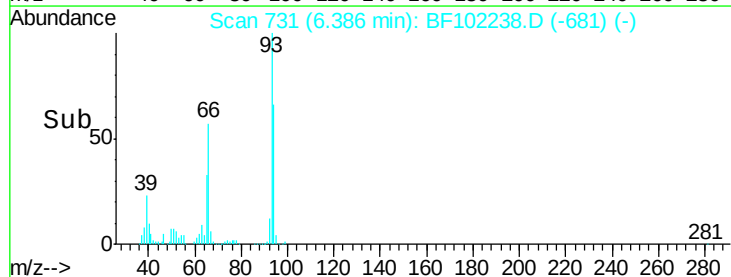
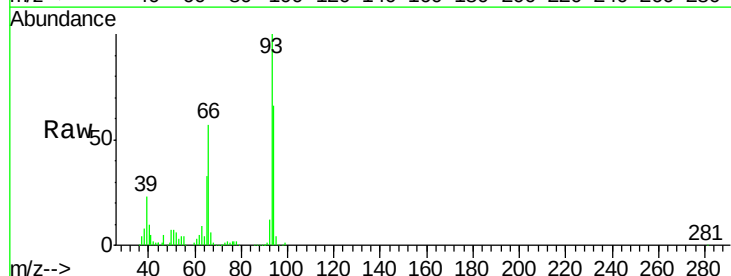
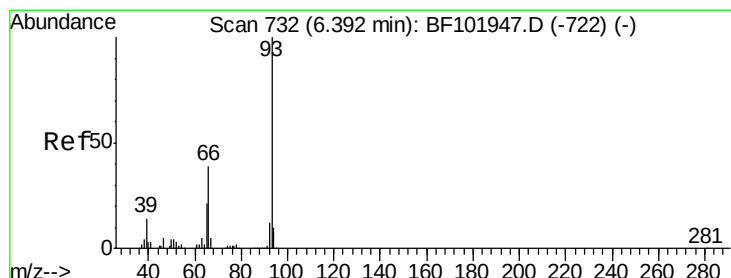
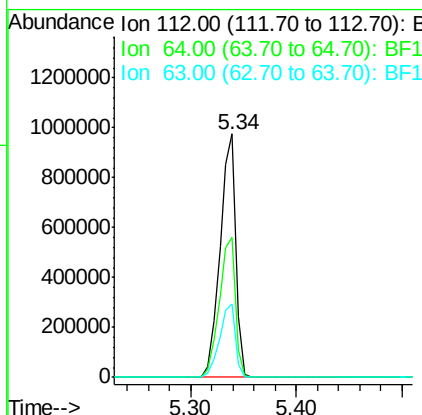
#5
2-Fluorophenol
Concen: 92.713 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tot Ion: 112 Resp: 1023503
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.0 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

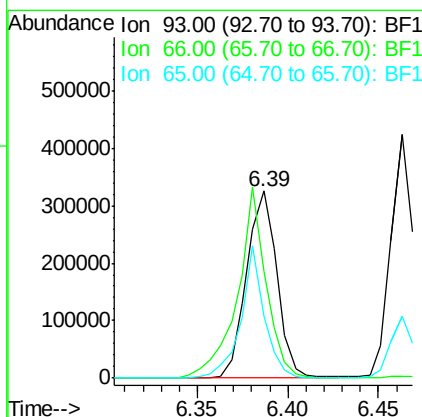
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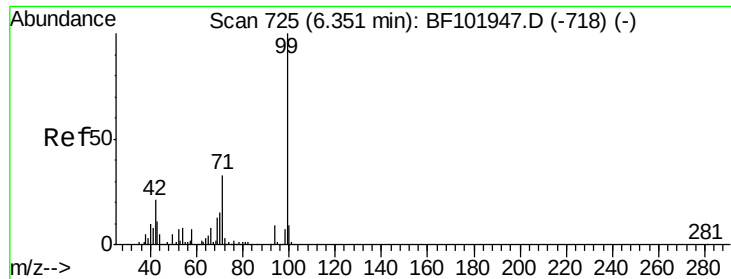
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#6
Aniline
Concen: 20.486 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion: 93 Resp: 380257
Ion Ratio Lower Upper
93 100
66 57.3 32.2 48.2#
65 32.9 16.4 24.6#





#7

Phenol-d6

Concen: 95.631 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

ClientSampled :

3C-11MSD

Tot Ion: 99 Resp: 1259579

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

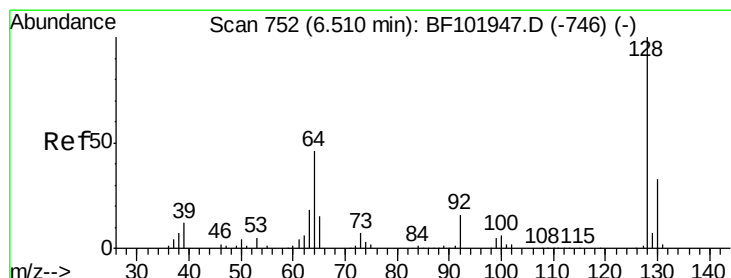
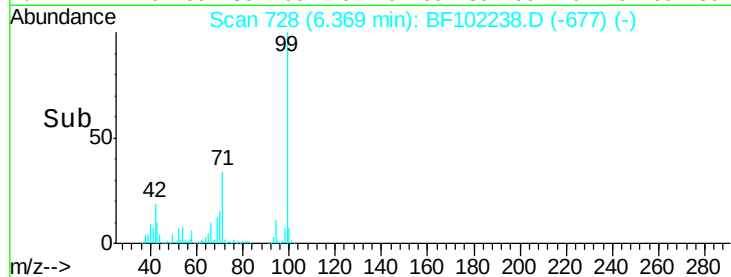
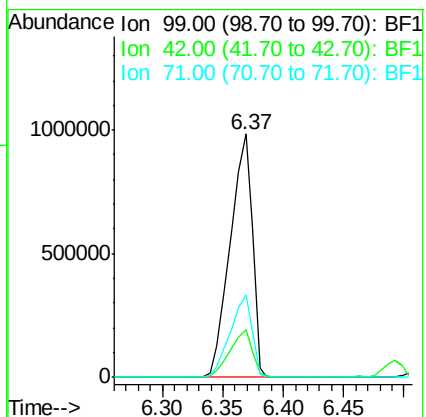
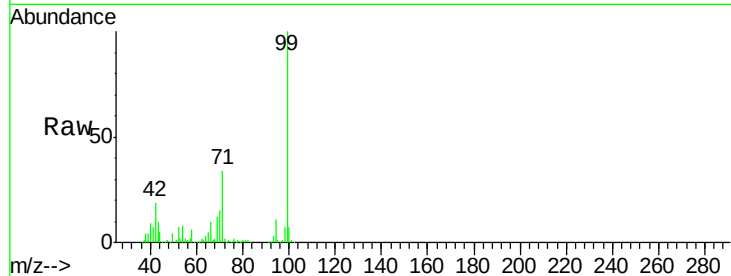
71 33.6 25.4 38.0

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#8

2-Chlorophenol

Concen: 33.387 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

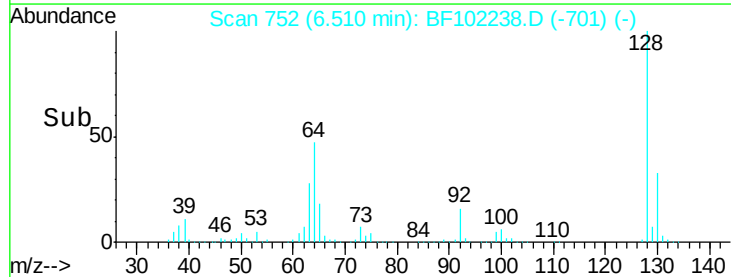
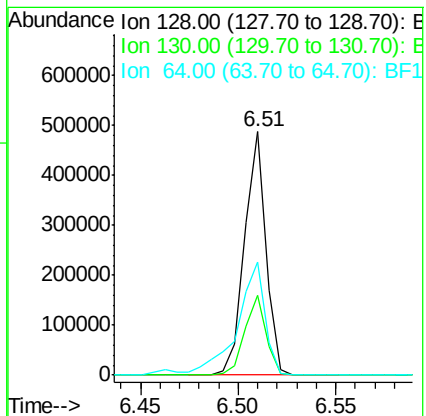
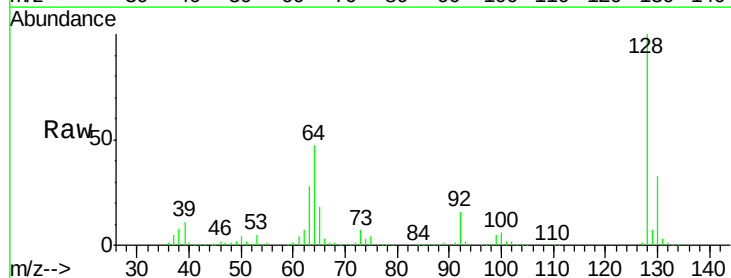
Tgt Ion: 128 Resp: 369653

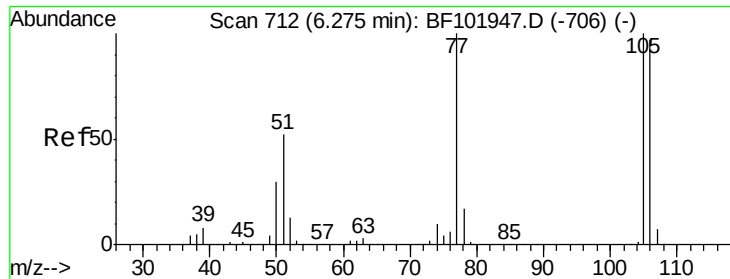
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 46.7 29.4 69.4





#9

Benzaldehyde

Concen: 27.567 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

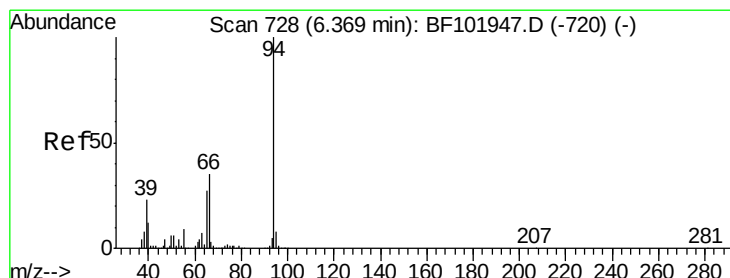
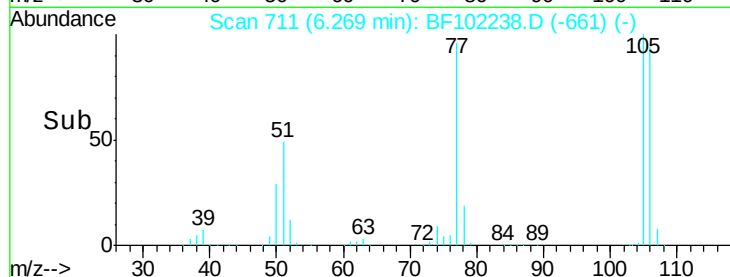
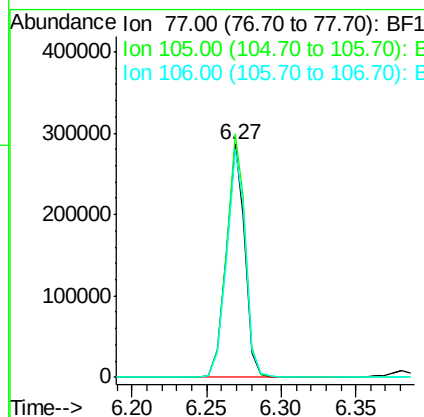
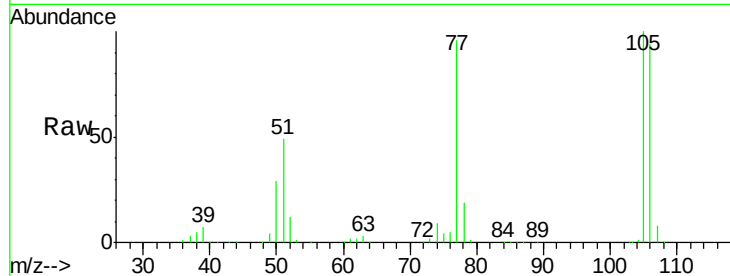
ClientSampled :

3C-11MSD

Tot Ion:	77	Resp:	252115
Ion Ratio	Lower	Upper	
77	100		
105	104.4	81.1	121.1
106	97.9	74.5	114.5

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#10

Phenol

Concen: 31.501 ng

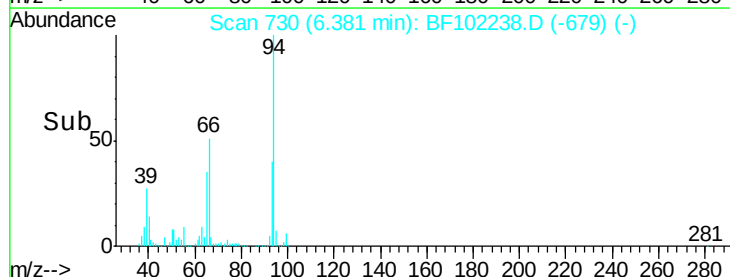
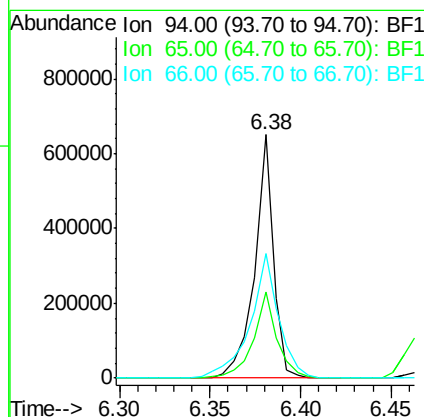
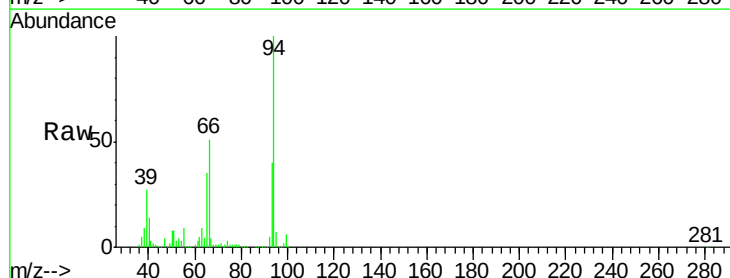
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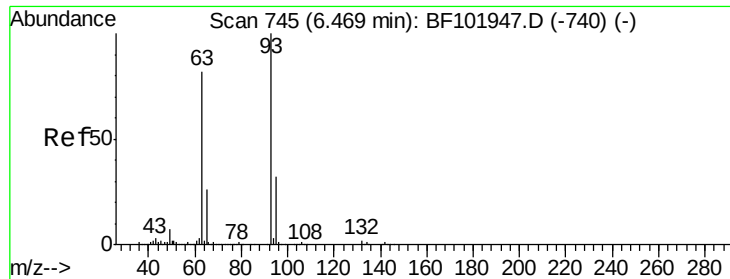
Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:	94	Resp:	468897
Ion Ratio	Lower	Upper	
94	100		
65	35.3	7.9	47.9
66	51.0	16.2	56.2





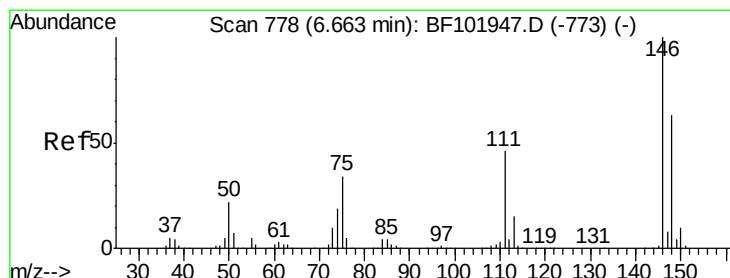
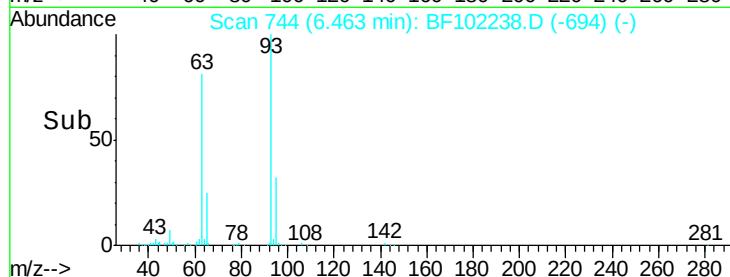
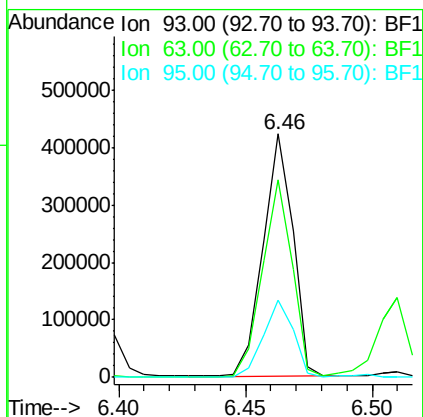
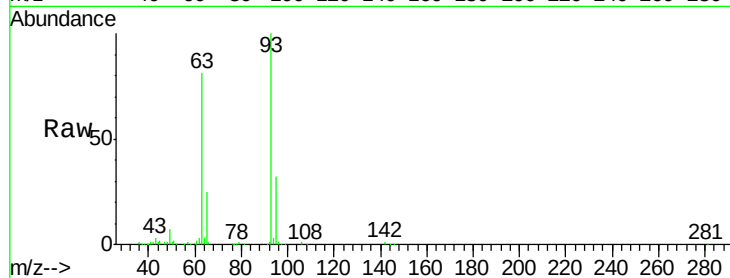
#11
bis(2-Chloroethyl)ether
Concen: 30.810 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	58.6	98.6
95	31.8	11.8	51.8

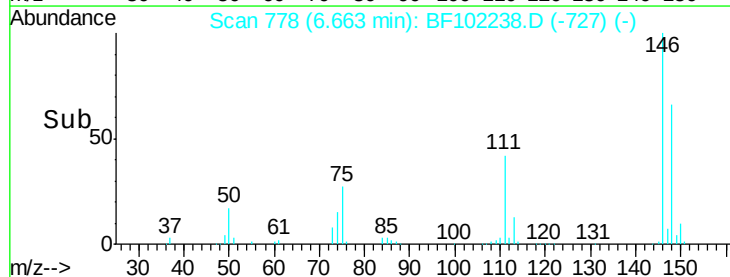
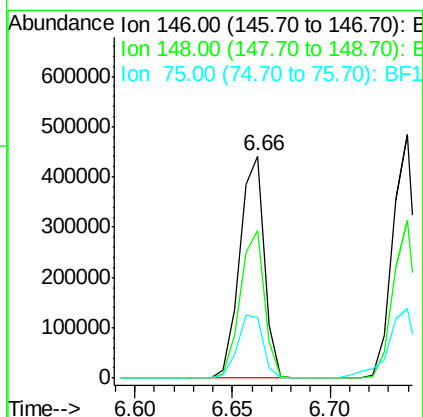
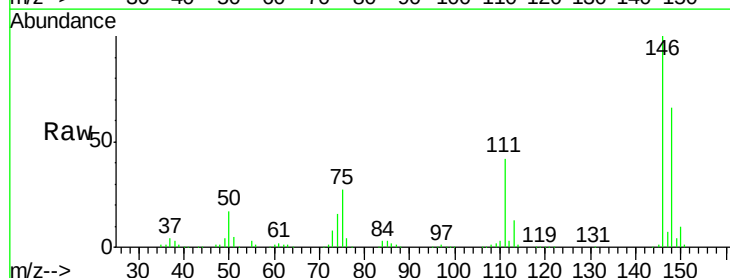
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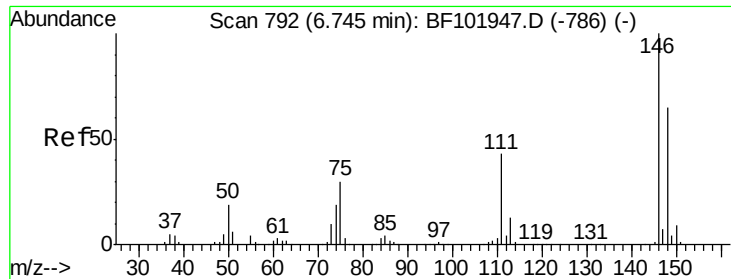
Sohil
1/22/2018 5:24:41 PM



#12
1,3-Dichlorobenzene
Concen: 30.143 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
75	27.0	24.2	36.4





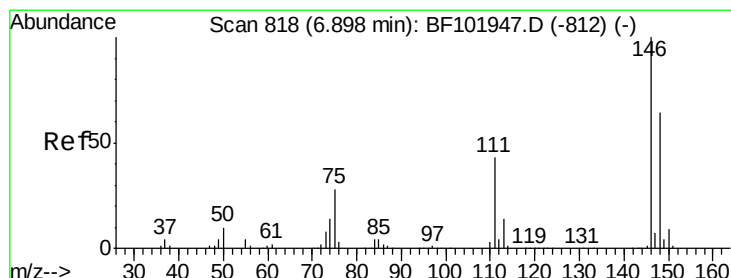
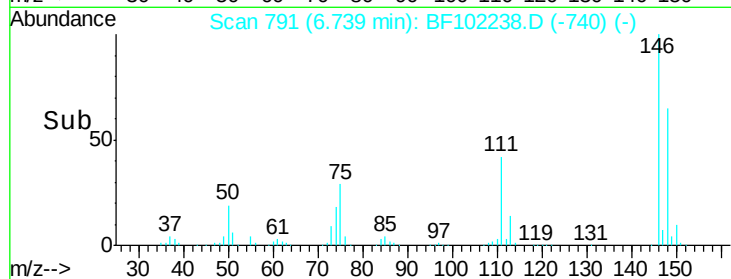
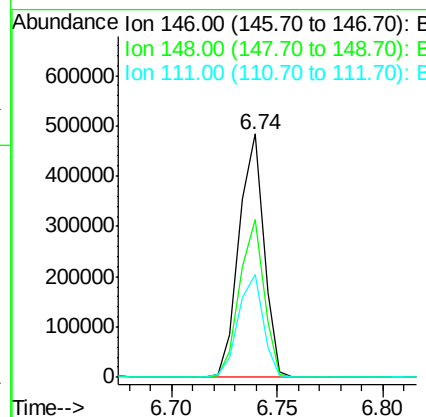
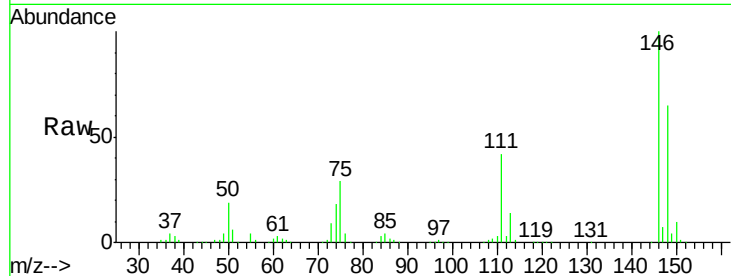
#13
 1,4-Dichlorobenzene
 Concen: 30.813 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		392437		
148	65.0	50.8	76.2		
111	42.3	34.2	51.2		

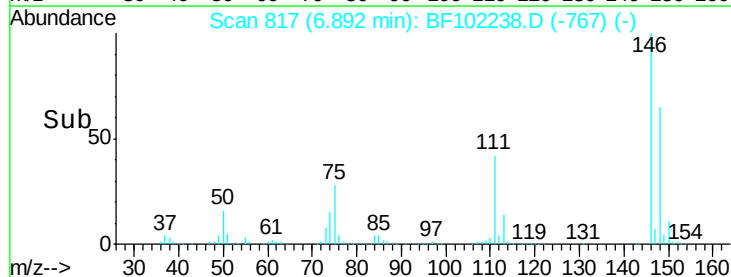
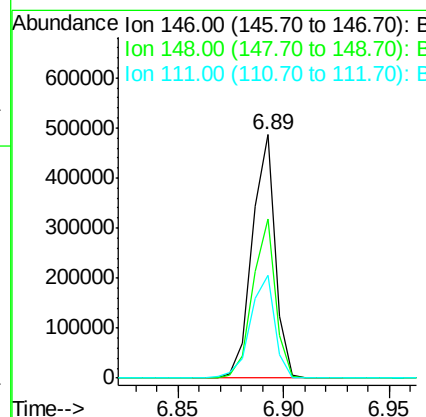
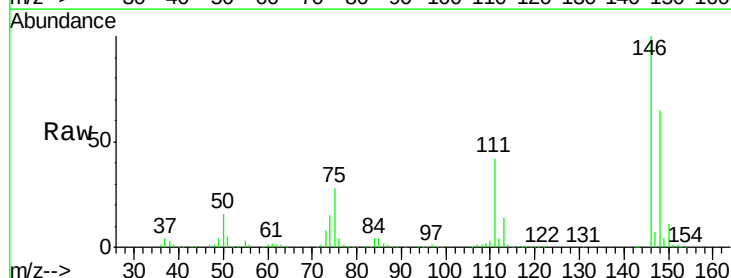
Manual Integrations
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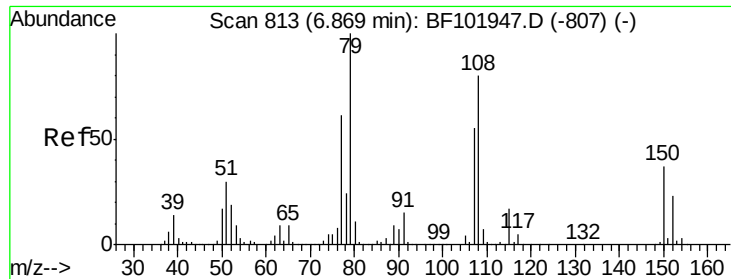
Sohil
 1/22/2018 5:24:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.102 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		366629		
148	65.1	50.6	75.8		
111	42.4	36.0	54.0		





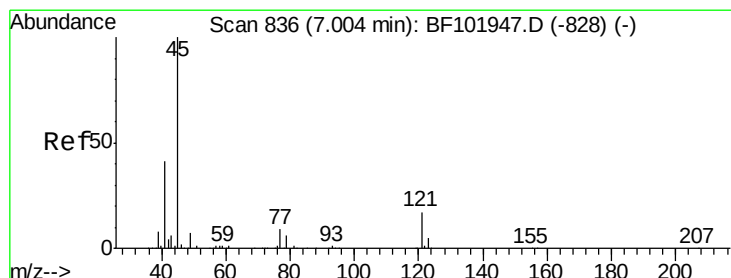
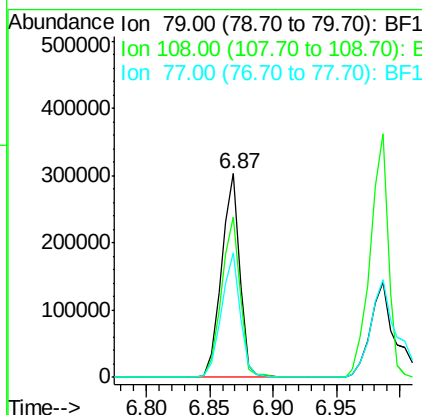
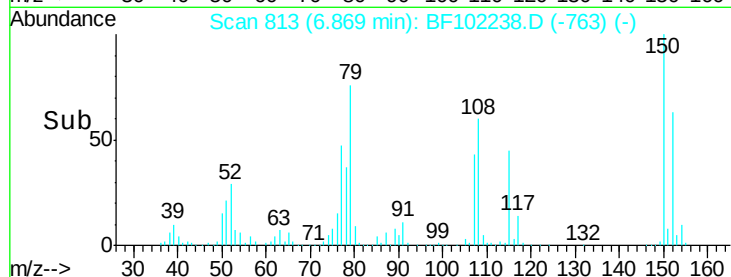
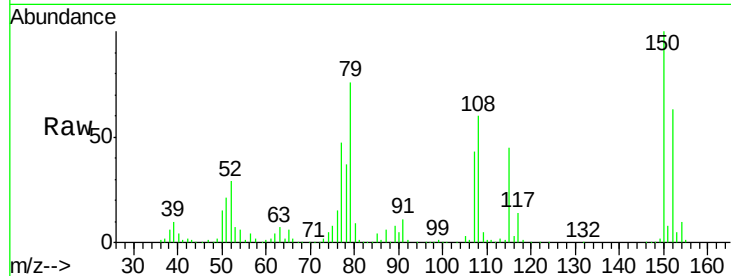
#15
Benzyl Alcohol
Concen: 31.724 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.1	97.7
77	61.2	50.6	75.8

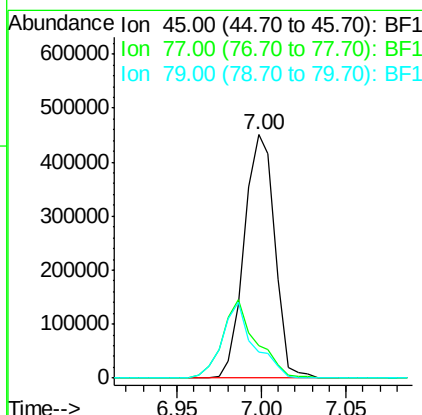
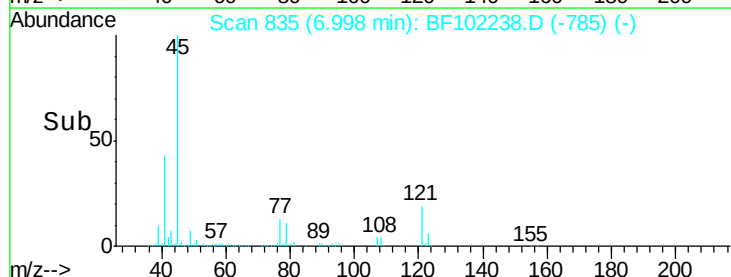
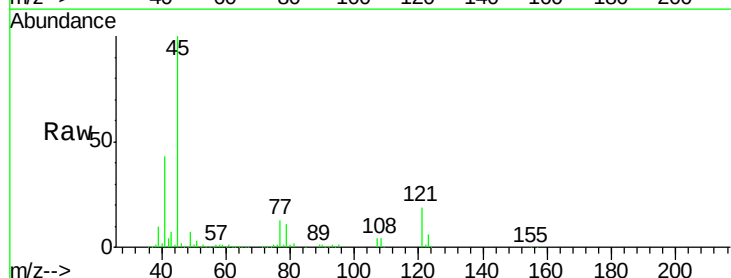
Manual Integrations
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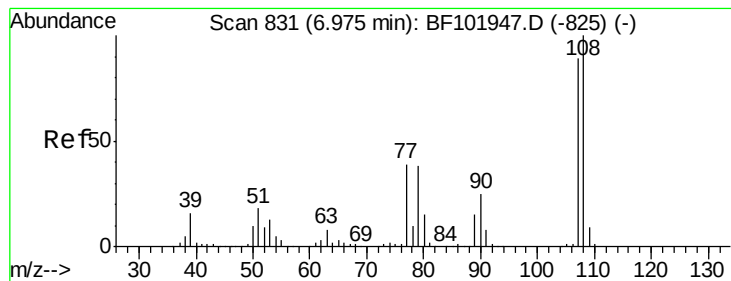
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.283 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.9
79	10.7	0.0	29.6





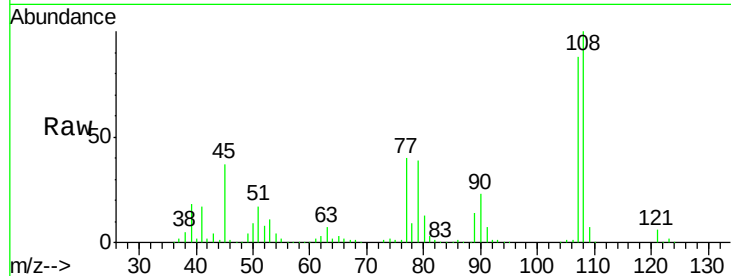
#17
2-Methylphenol
Concen: 31.006 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

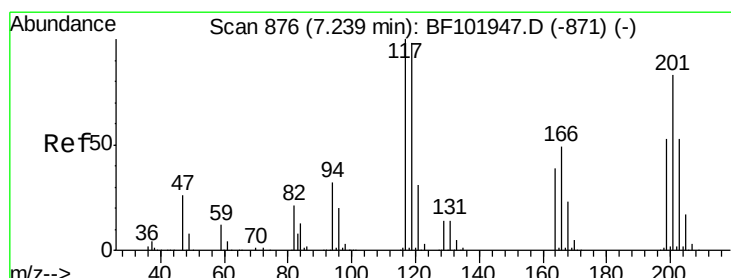
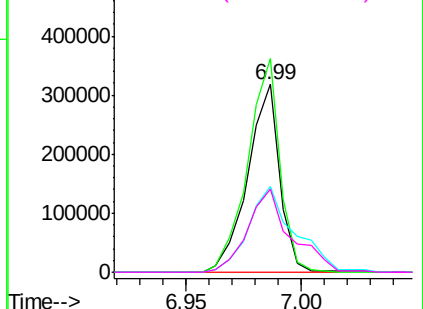
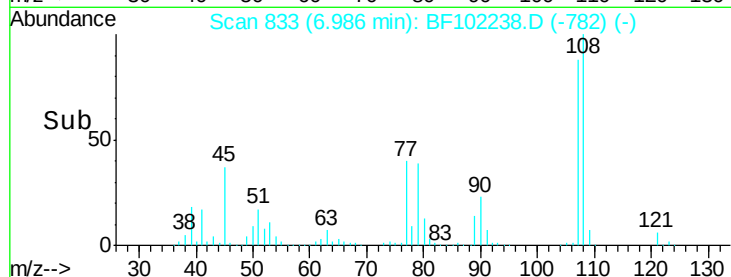
Tot Ion	107	Resp	309682
Ion Ratio	Lower	Upper	
107	100		
108	113.8	91.7	137.5
77	45.7	33.8	50.8
79	44.2	33.8	50.8

Manual Integrations
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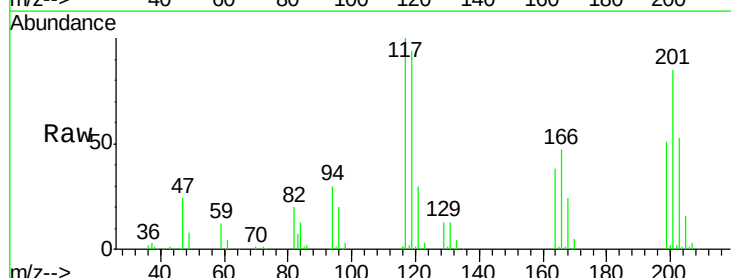


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

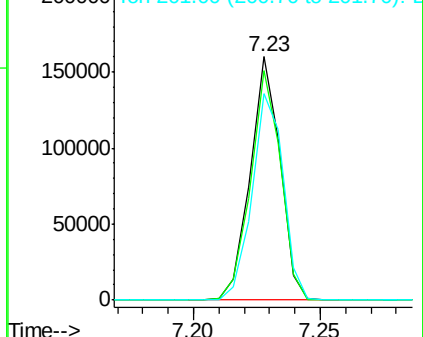
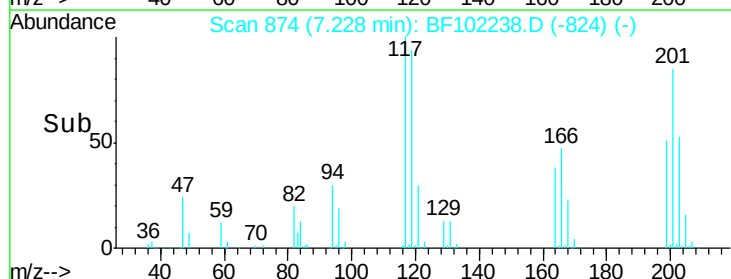


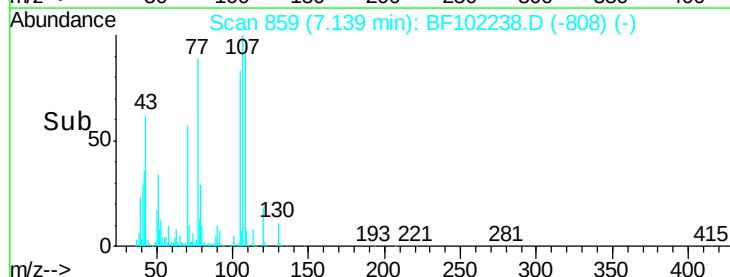
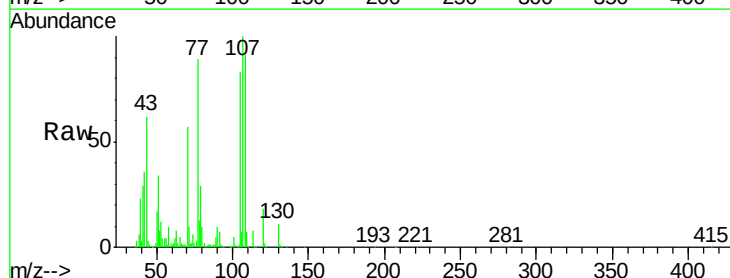
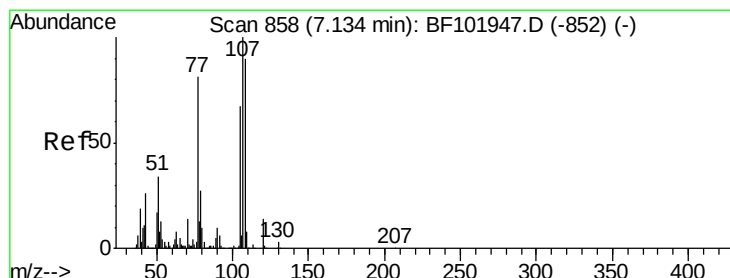
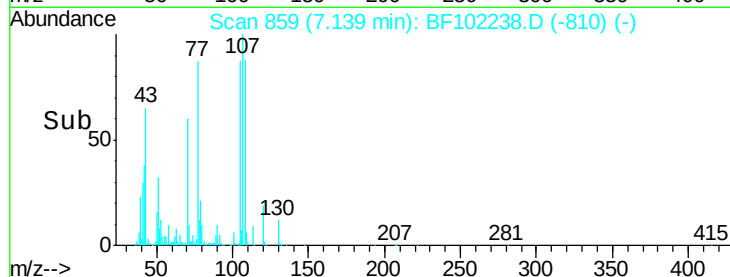
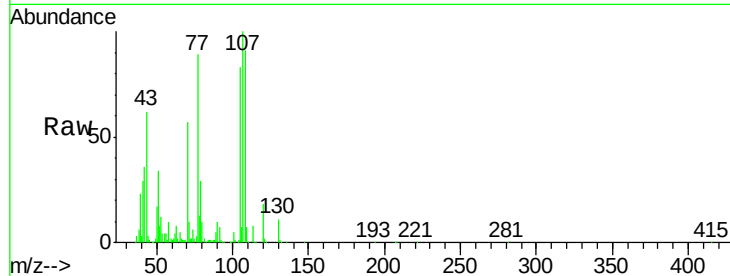
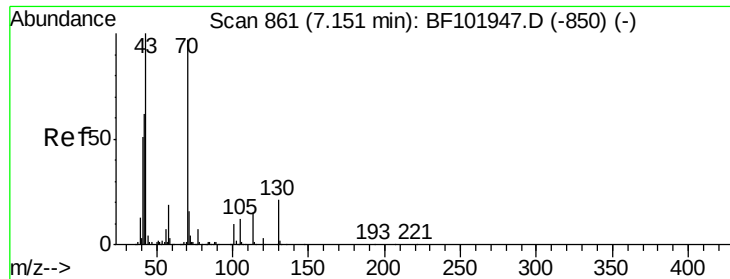
#18
Hexachloroethane
Concen: 29.355 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	117	Resp	131654
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.8	113.8
201	84.9	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





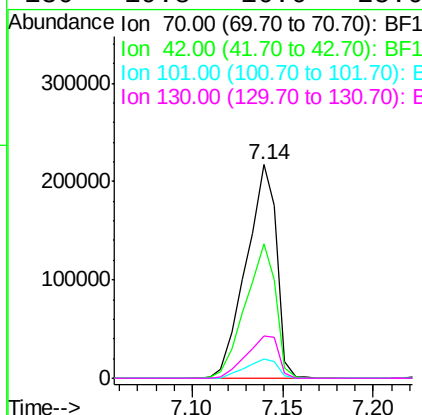
#19
n-Nitroso-di-n-propylamine
Concen: 29.267 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.5	71.3
101	9.2	7.4	11.2
130	19.8	16.6	25.0

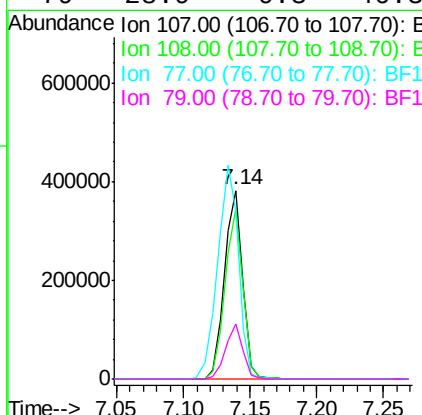
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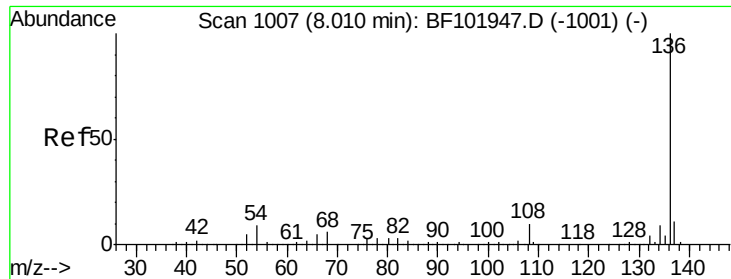
Sohil
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#20
3+4-Methylphenols
Concen: 30.808 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	88.7	26.7	66.7#
79	28.9	6.3	46.3





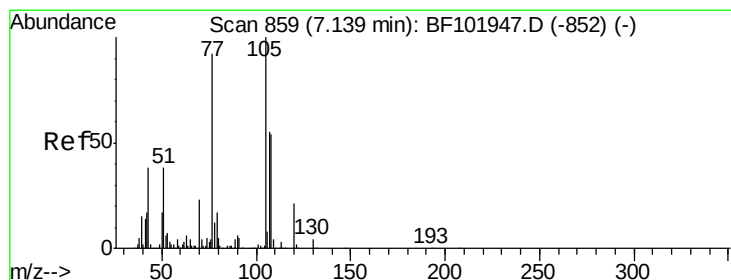
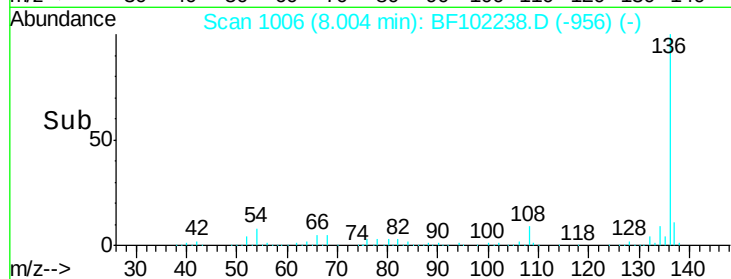
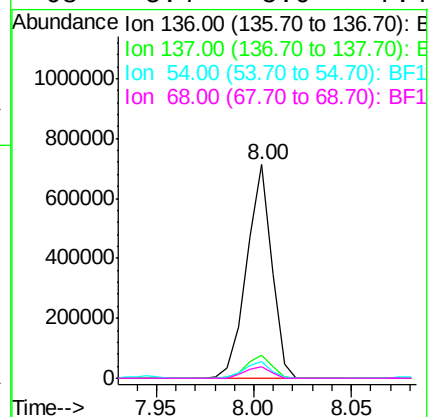
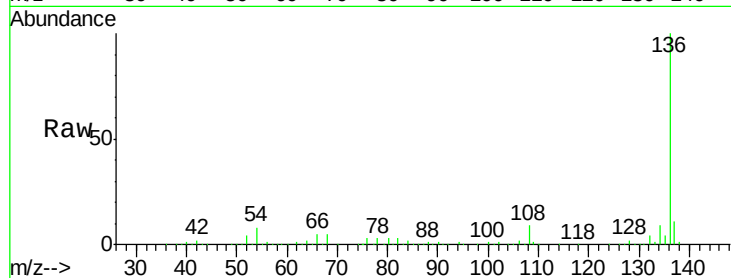
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	632995		
137	11.0		8.9	13.3
54	8.0		6.6	9.8
68	5.4		5.0	7.4

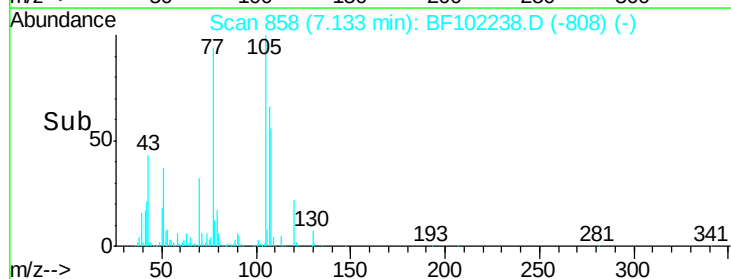
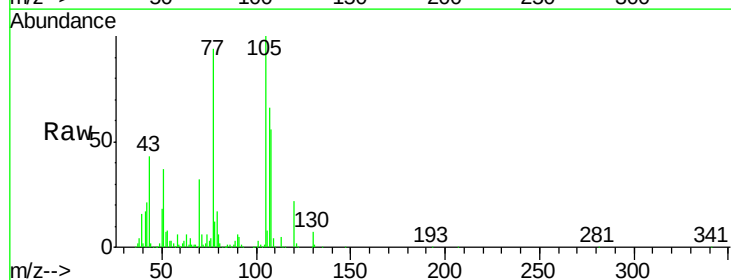
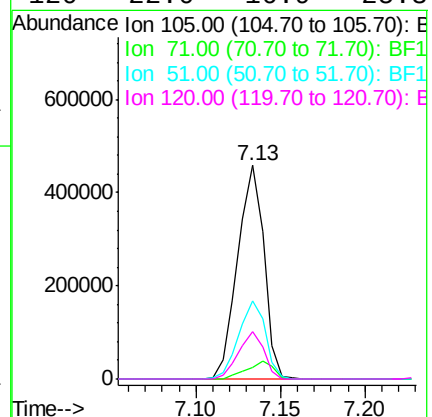
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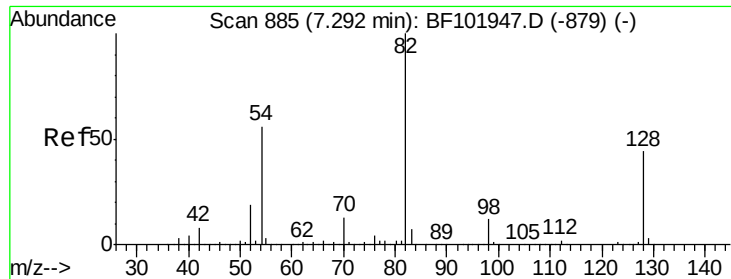
Sohil
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#22
Acetophenone
Concen: 32.720 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	499023		
71	5.6		4.4	6.6
51	36.7		22.3	33.5
120	22.0		16.9	25.3





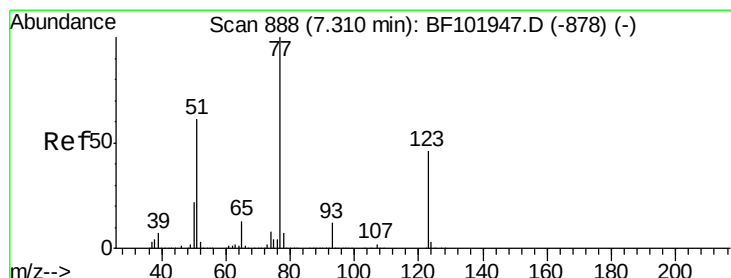
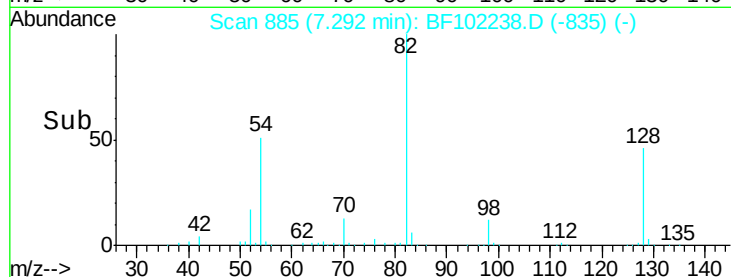
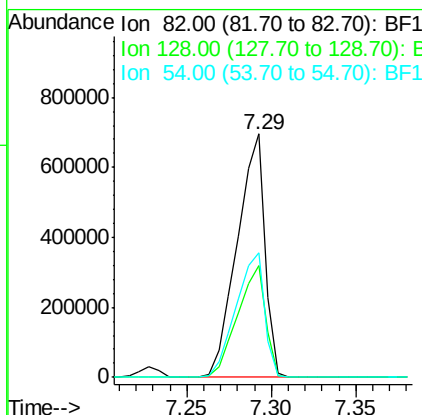
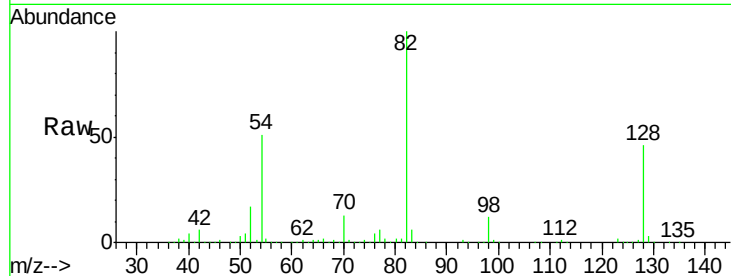
#23
 Nitrobenzene-d5
 Concen: 73.881 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampled :
 3C-11MSD

Tot Ion	82	Resp	795834
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	51.2	41.4	62.2

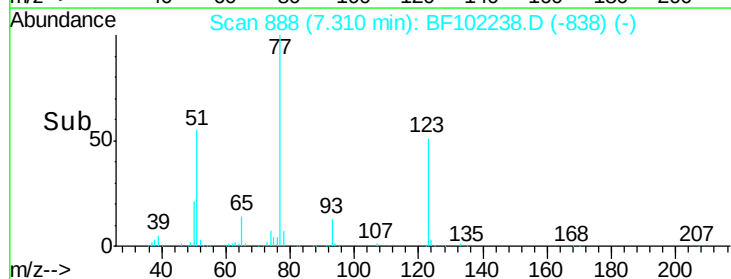
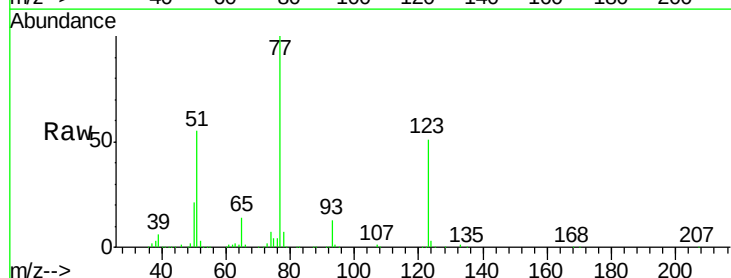
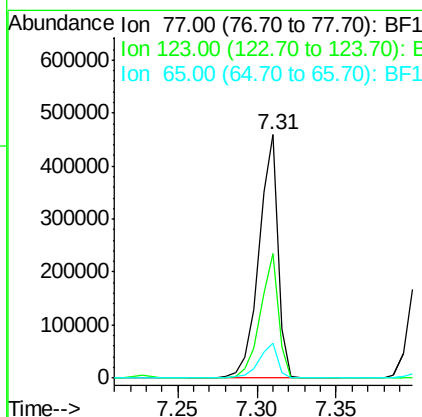
Manual Integrations
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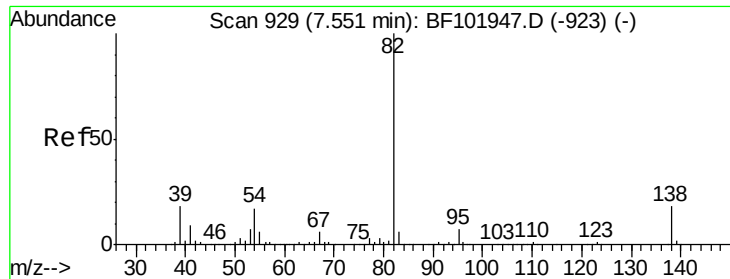
Sohil
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#24
 Nitrobenzene
 Concen: 33.237 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	77	Resp	384714
Ion Ratio	Lower	Upper	
77	100		
123	51.4	37.9	56.9
65	14.2	11.0	16.4





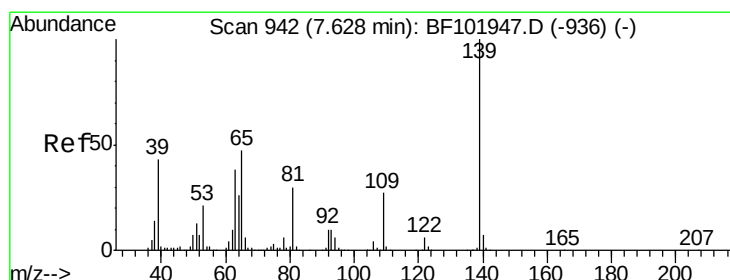
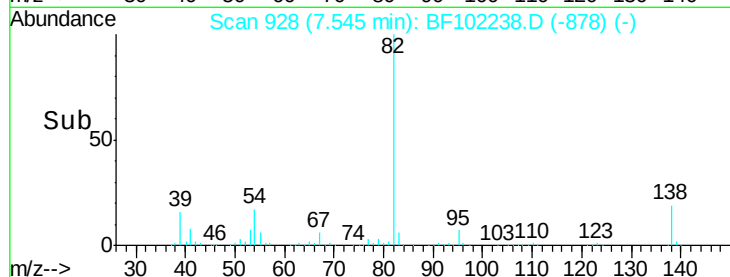
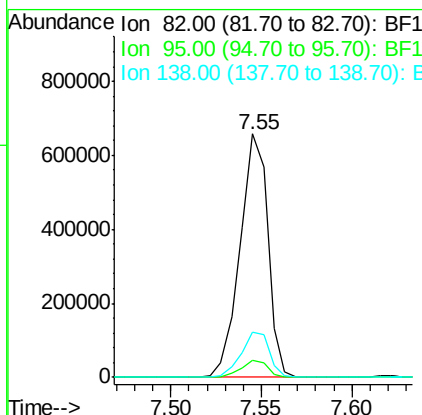
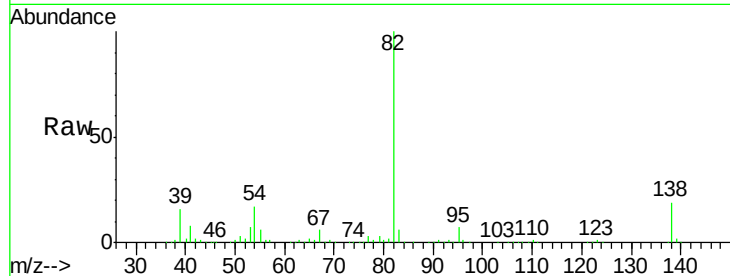
#25
Isophorone
Concen: 33.129 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	705133		
95	7.0		5.2	7.8
138	18.6		14.9	22.3

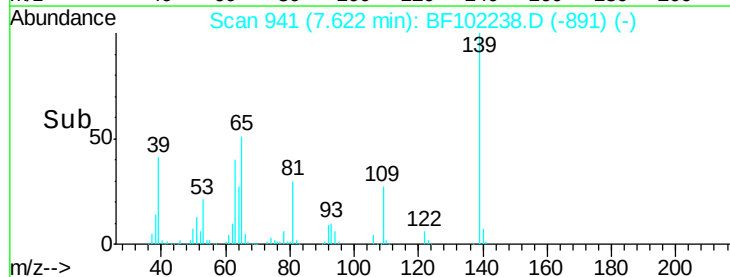
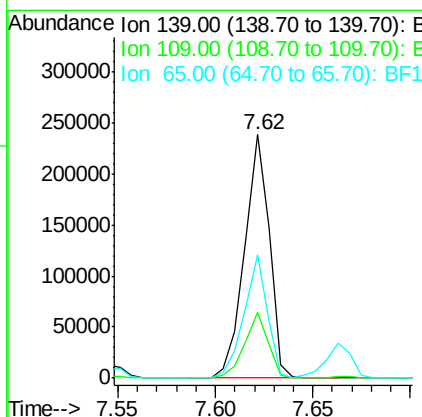
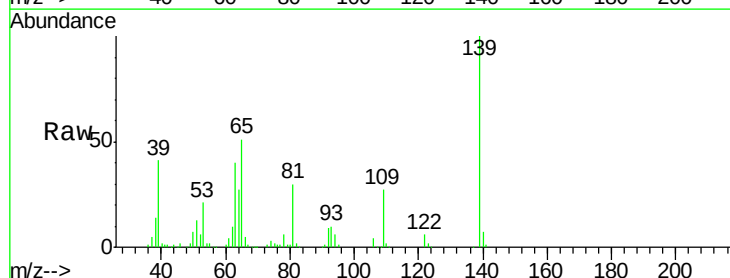
Manual Integrations
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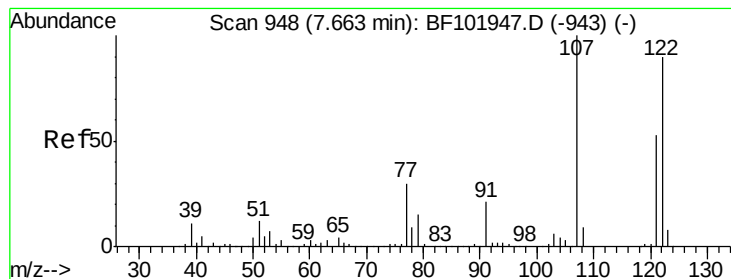
Sohil
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#26
2-Nitrophenol
Concen: 43.280 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	209677		
109	27.2		22.7	34.1
65	50.6		40.5	60.7





#27

2,4-Dimethylphenol

Concen: 35.806 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

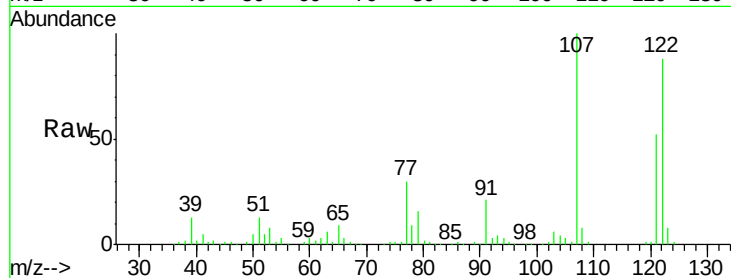
ClientSampled :

3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	323970		
107	113.3	91.2	136.8	
121	59.5	47.2	70.8	

Manual Integrations
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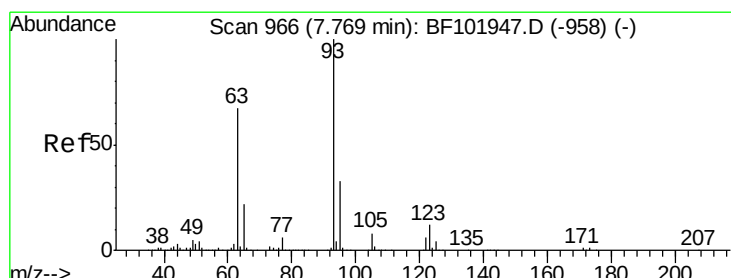
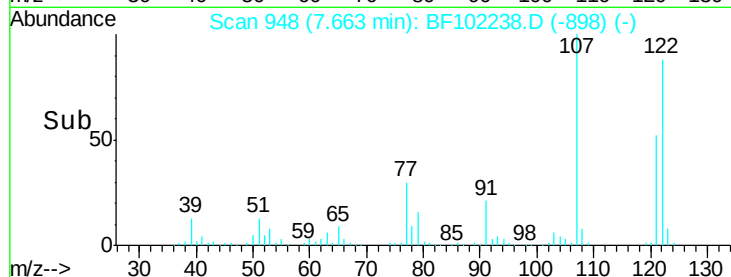
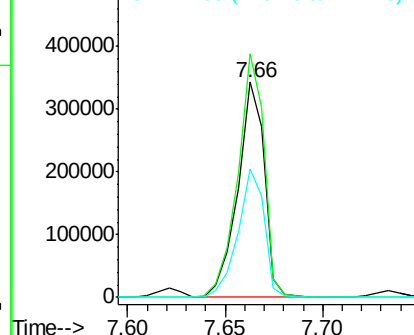


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.368 ng

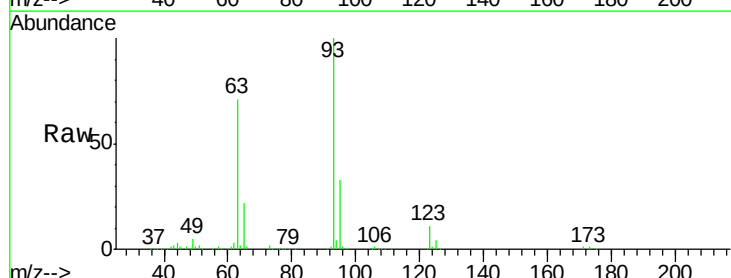
RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	454531		
95	33.0	26.3	39.5	
123	10.9	9.8	14.6	

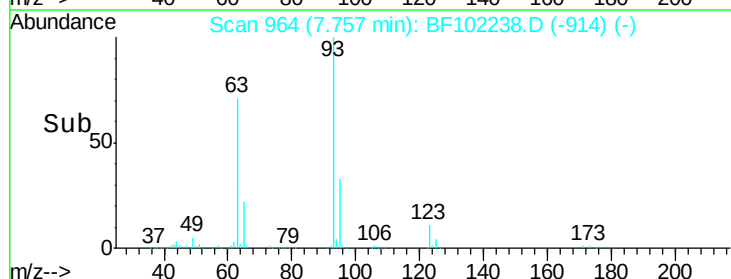
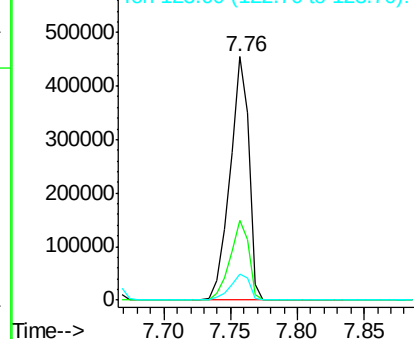


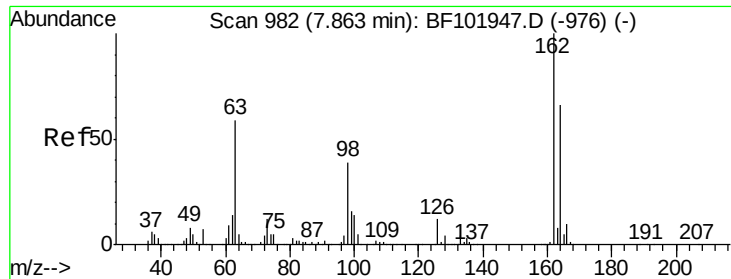
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





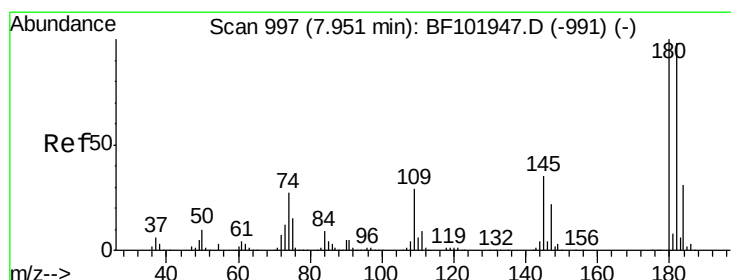
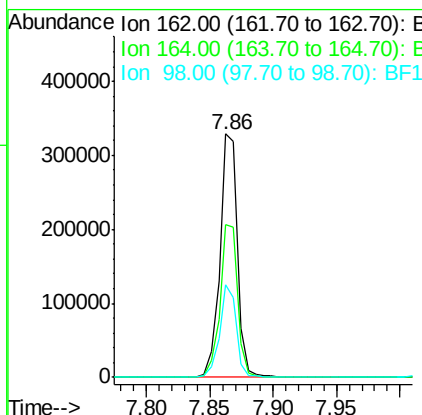
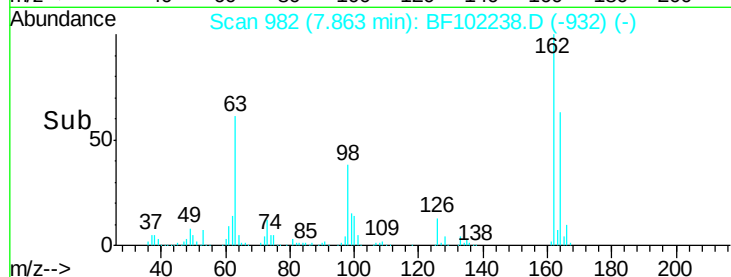
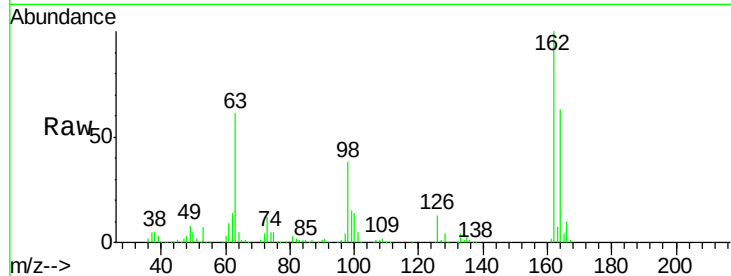
#29
2,4-Dichlorophenol
Concen: 37.226 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion:	162	Resp:	319816
Ion Ratio	Lower	Upper	
162	100		
164	62.7	42.7	82.7
98	38.0	18.1	58.1

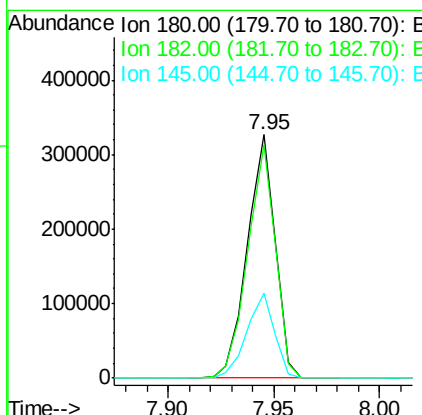
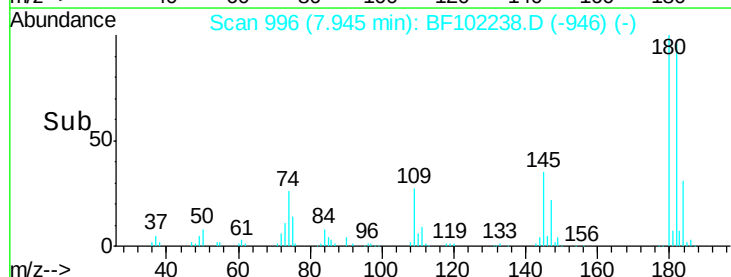
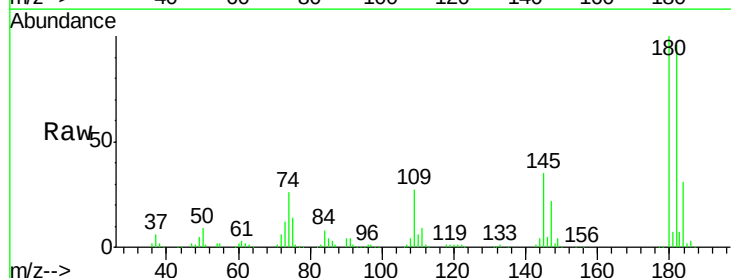
Manual Integrations
APPROVED

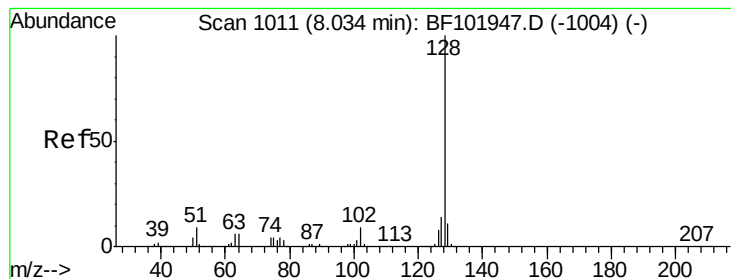
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#30
1,2,4-Trichlorobenzene
Concen: 33.462 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion:	180	Resp:	300698
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.8	115.2
145	34.8	26.5	39.7





#31

Naphthalene

Concen: 33.151 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

ClientSampled :

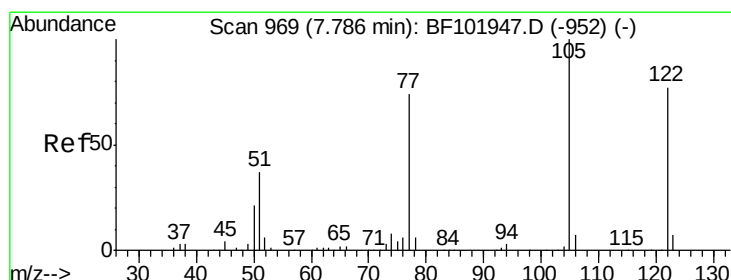
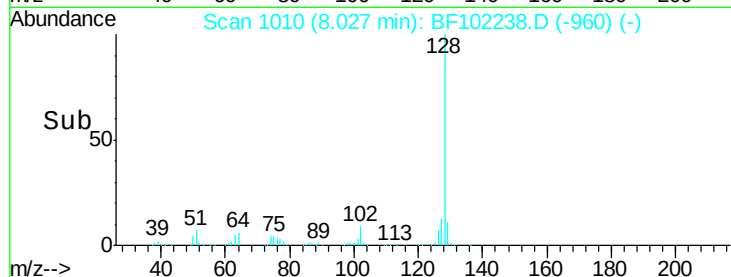
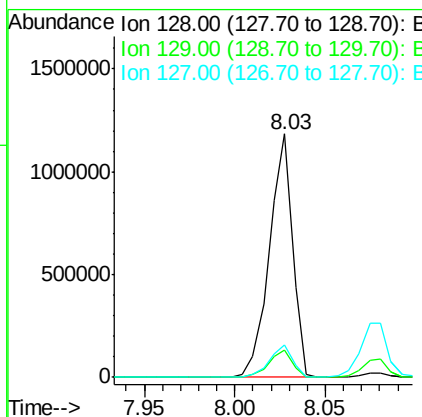
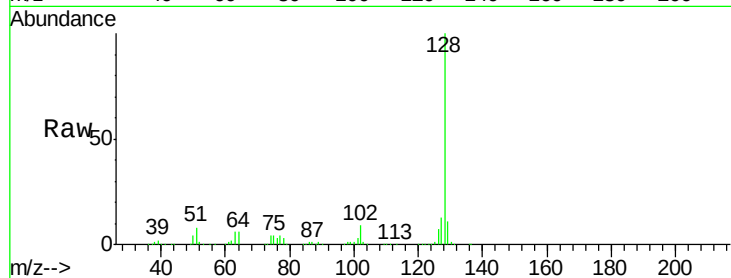
3C-11MSD

Tot Ion:128 Resp: 1048555

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 2.066 ng m

RT: 7.73 min Scan# 960

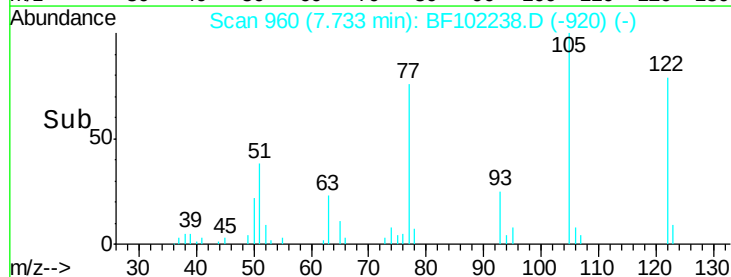
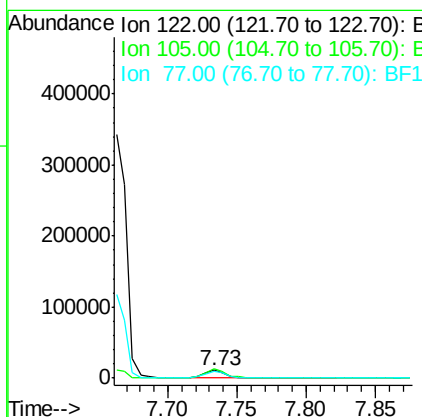
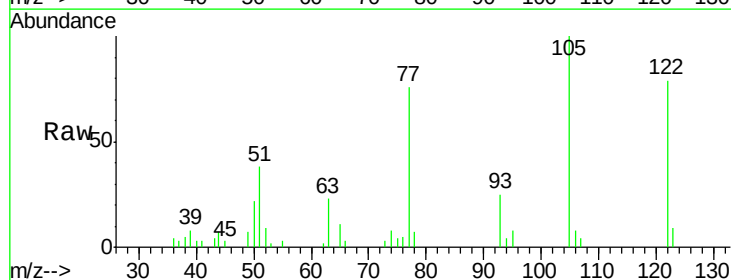
Delta R.T. -0.06 min

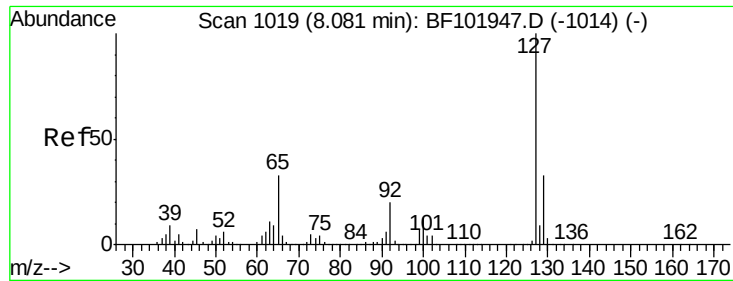
Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:122 Resp: 14173

Ion	Ratio	Lower	Upper
122	100		
105	126.7	101.1	141.1
77	96.1	70.7	110.7





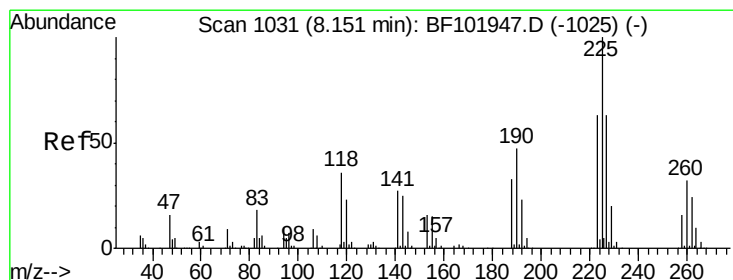
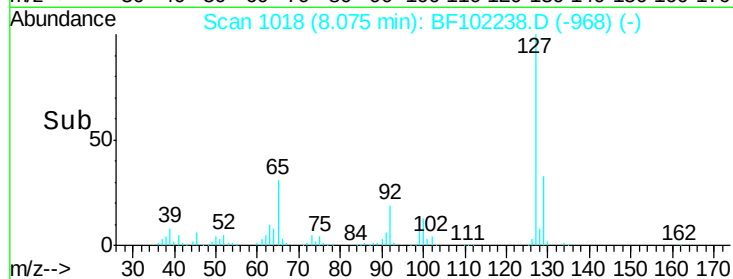
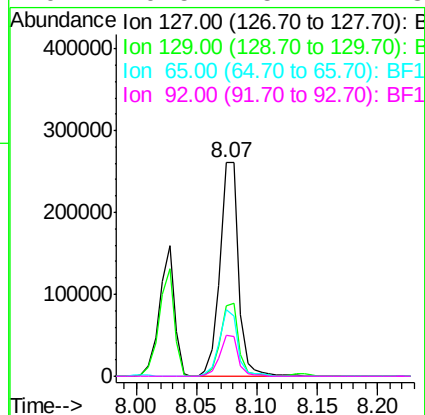
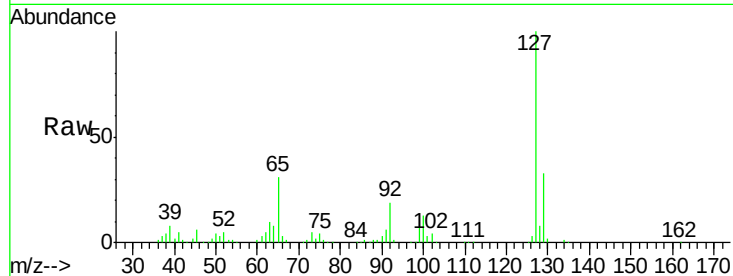
#33
4-Chloroaniline
Concen: 20.637 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		278603		
129	32.7		25.9	38.9	
65	31.3		25.0	37.4	
92	19.5		15.2	22.8	

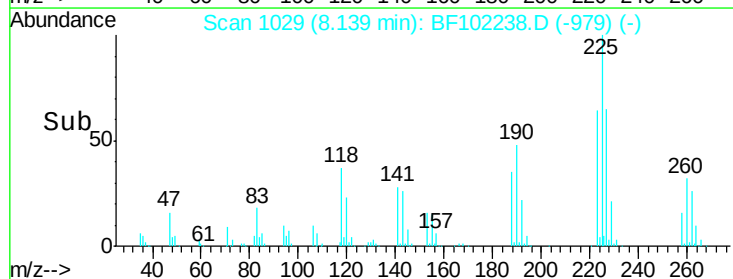
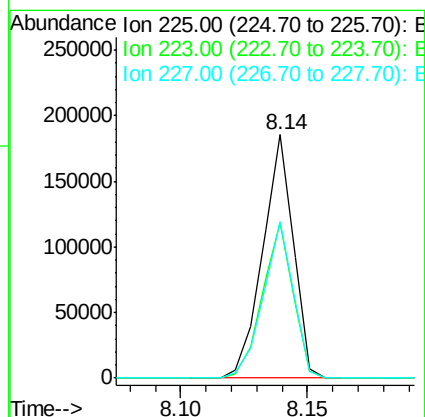
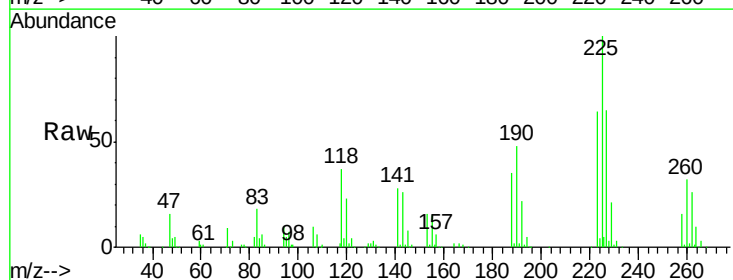
Manual Integrations
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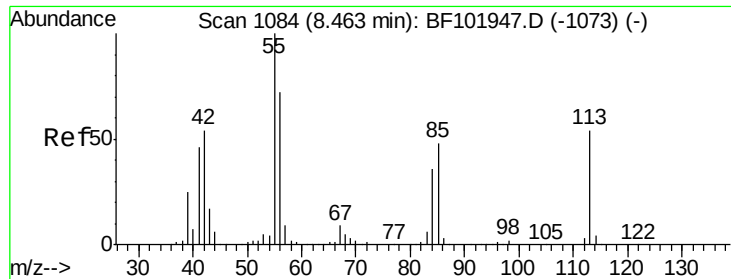
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#34
Hexachlorobutadiene
Concen: 32.929 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		156630		
223	63.5		50.6	76.0	
227	64.6		51.9	77.9	





#35

Caprolactam

Concen: 11.757 ng

RT: 8.48 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

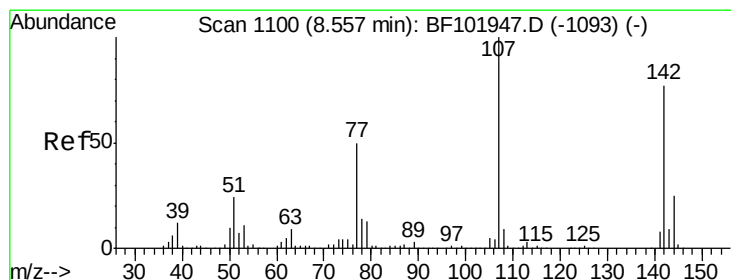
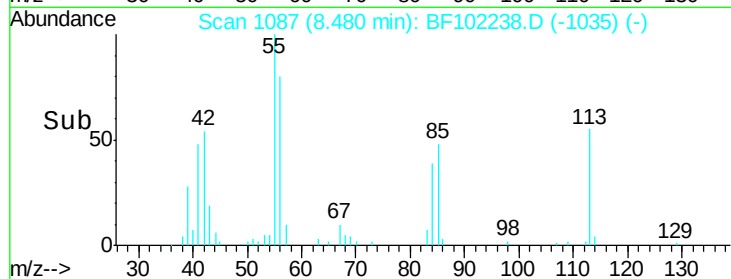
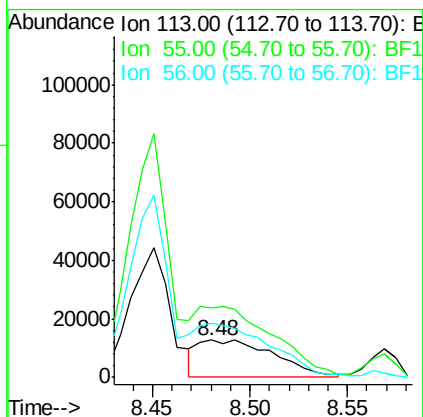
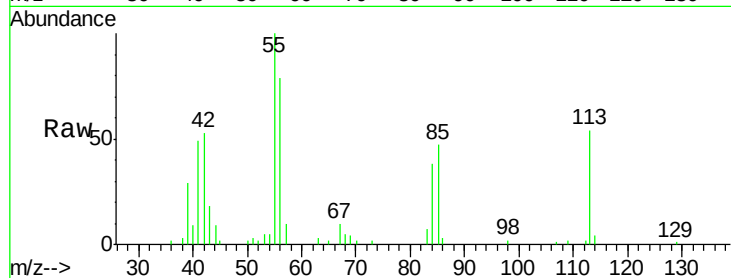
ClientSampled :

3C-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	185.3	163.3	203.3		
56	146.2	115.7	155.7		

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 35.883 ng

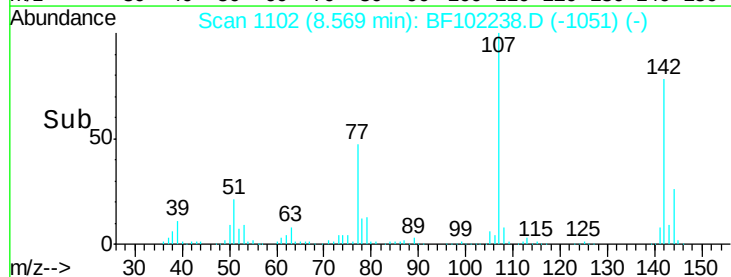
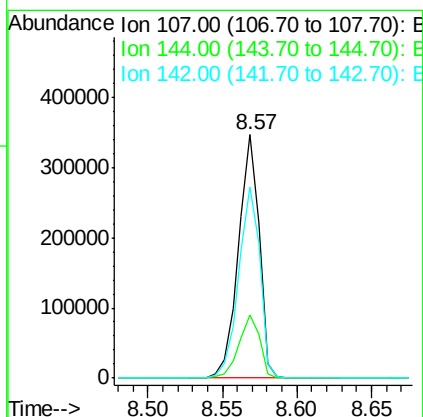
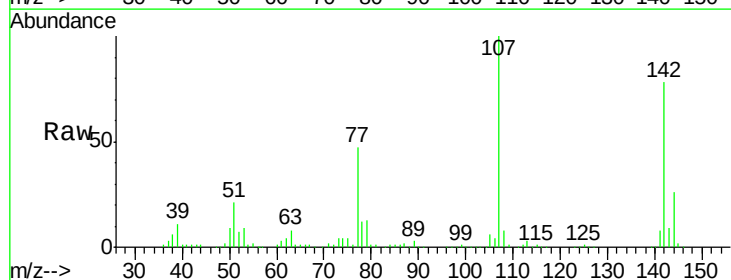
RT: 8.57 min Scan# 1102

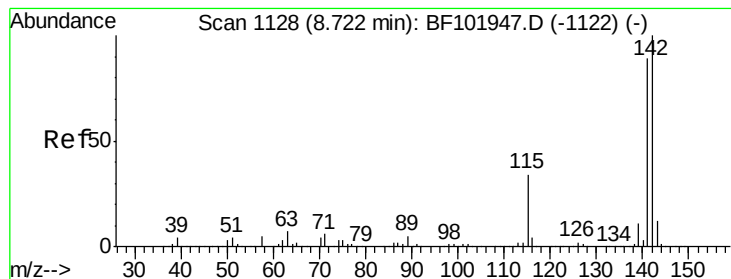
Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9	20.5	30.7		
142	78.3	62.0	93.0		





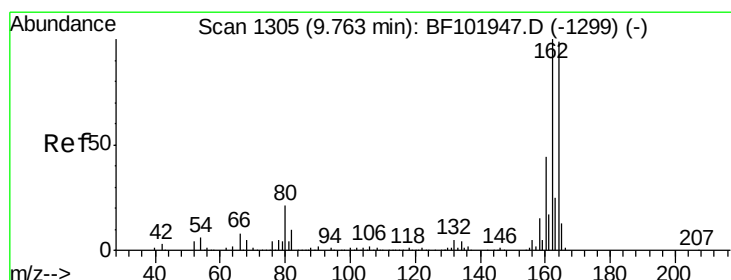
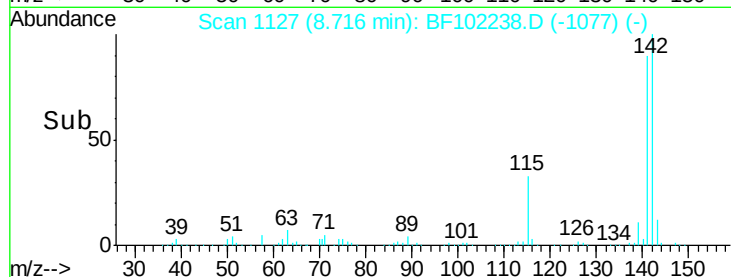
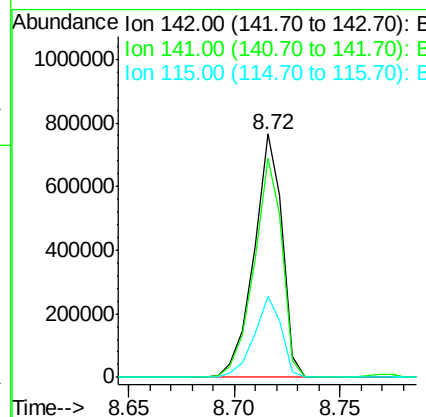
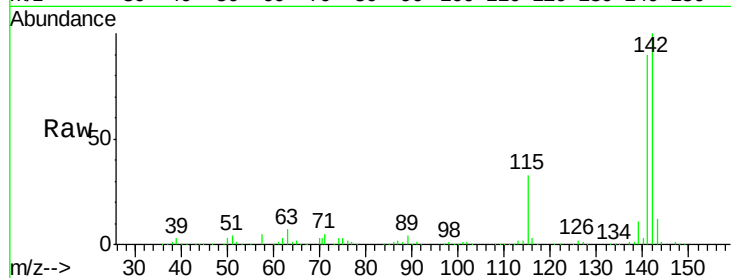
#37
2-Methylnaphthalene
Concen: 34.104 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	33.1	26.1	39.1

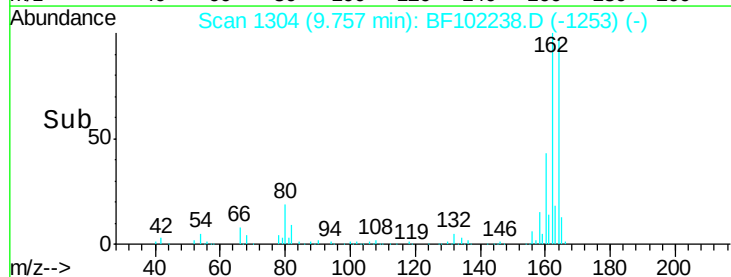
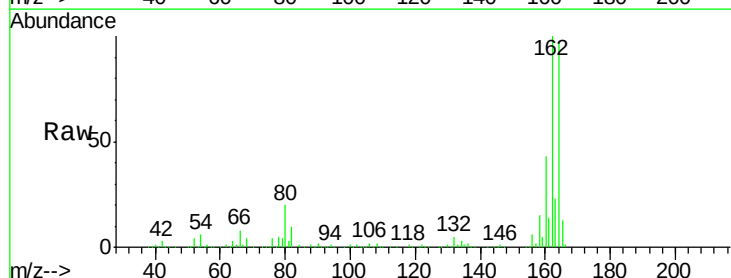
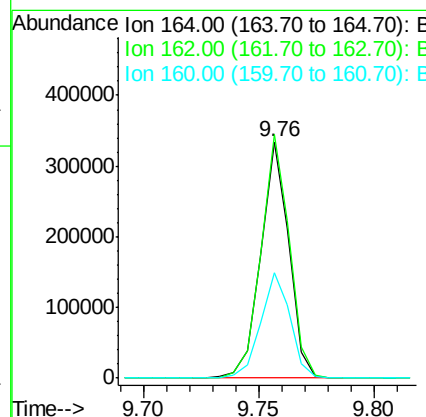
Manual Integrations
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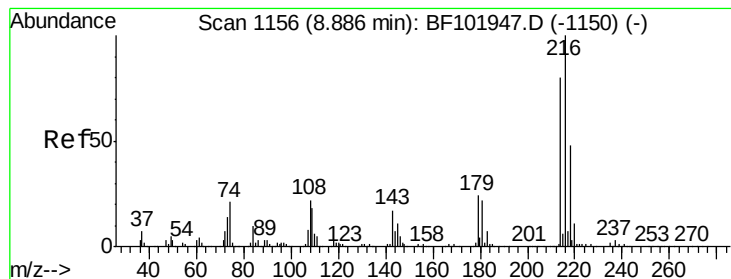
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.674 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

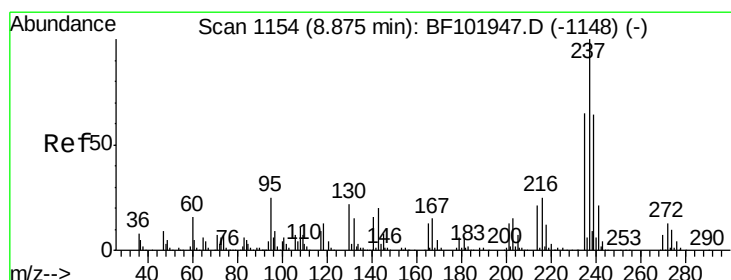
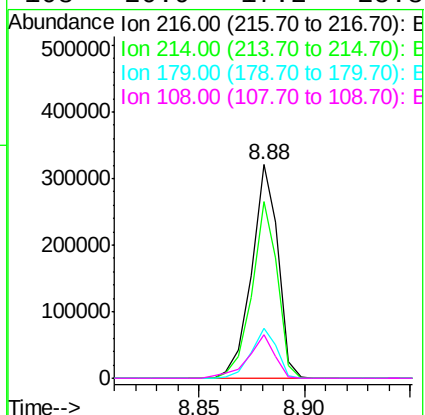
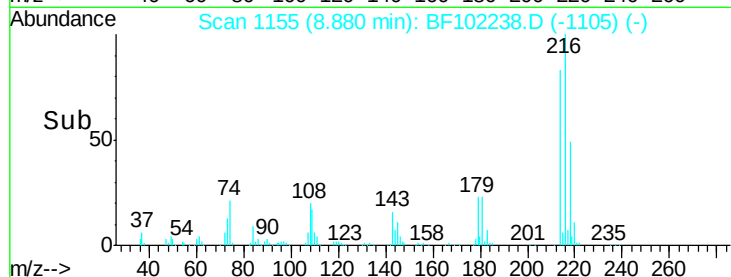
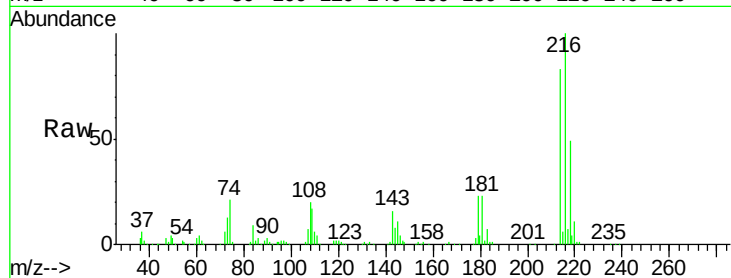
ClientSampled :

3C-11MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.0	94.4
179	22.8	18.1	27.1
108	20.9	17.2	25.8

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 26.519 ng

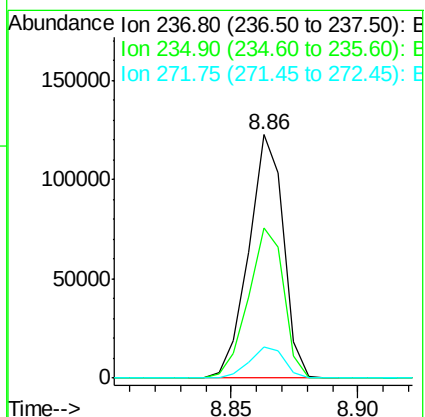
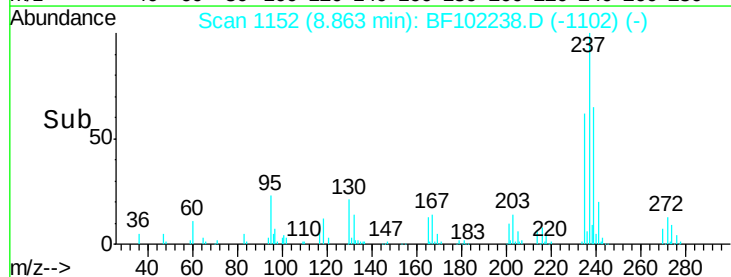
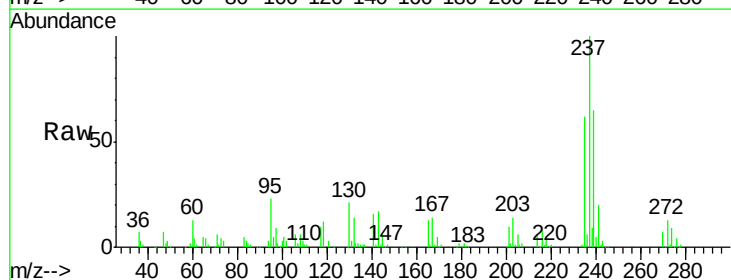
RT: 8.86 min Scan# 1152

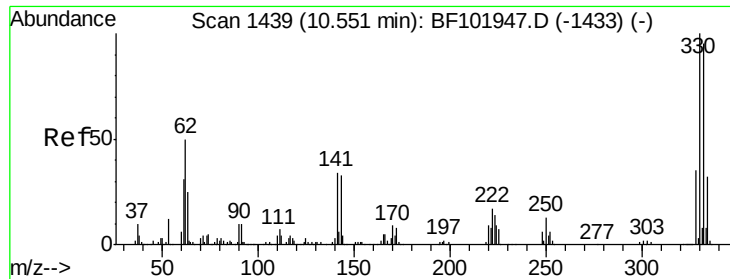
Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	44.8	84.8
272	13.0	0.0	33.3





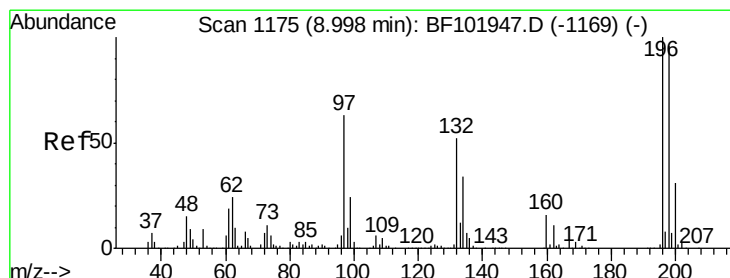
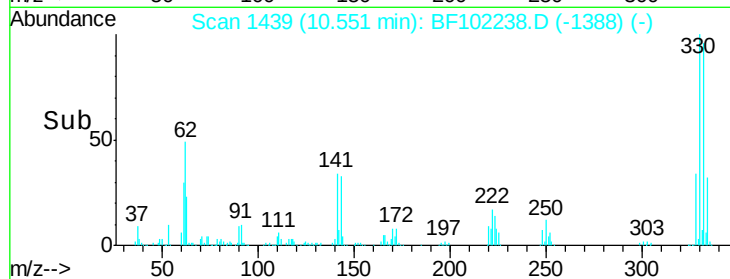
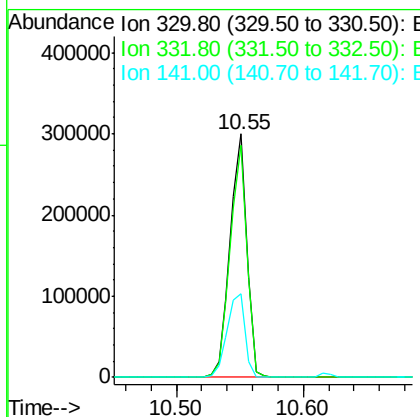
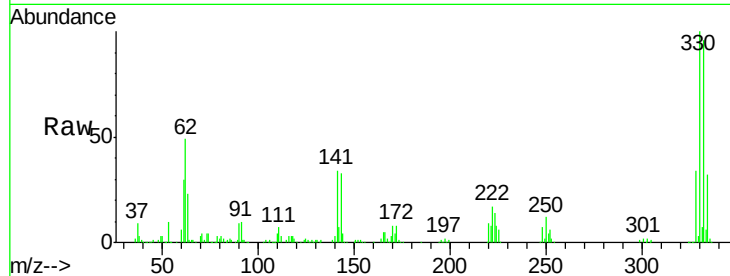
#41
 2,4,6-Tribromophenol
 Concen: 111.058 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampled :
 3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	274980		
332	95.4	77.0	115.6	
141	37.0	29.9	44.9	

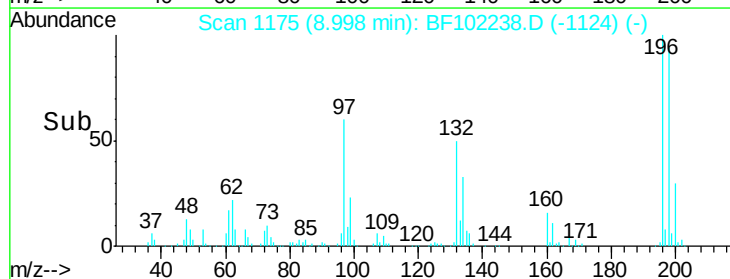
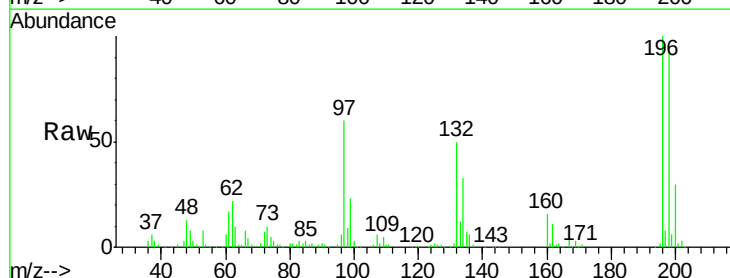
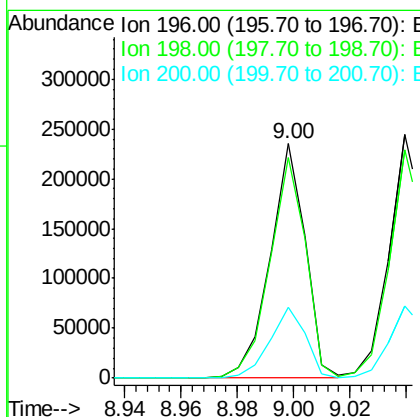
Manual Integrations
 APPROVED

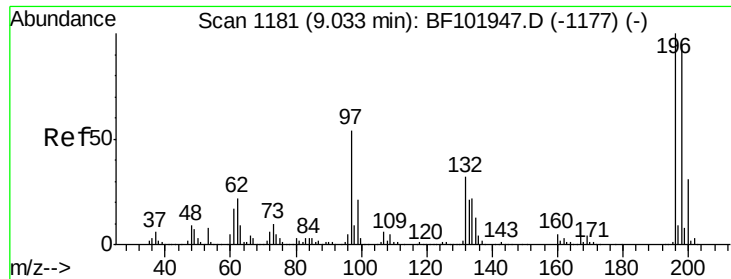
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 36.865 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203910		
198	94.2	75.7	113.5	
200	30.4	24.5	36.7	





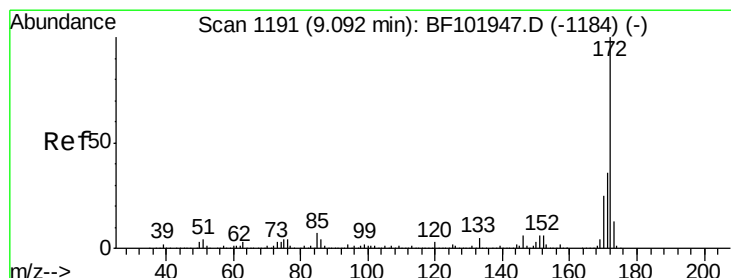
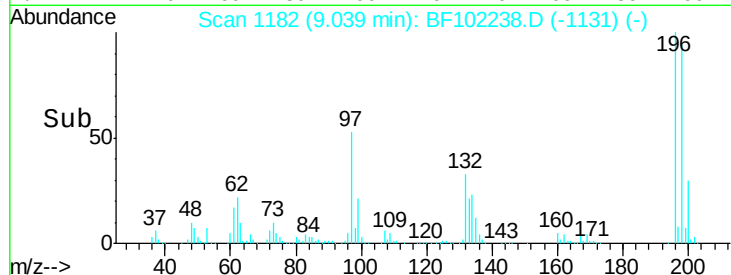
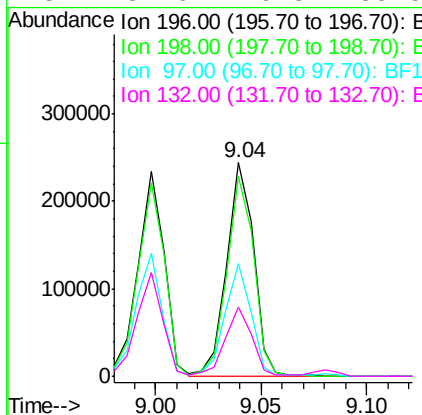
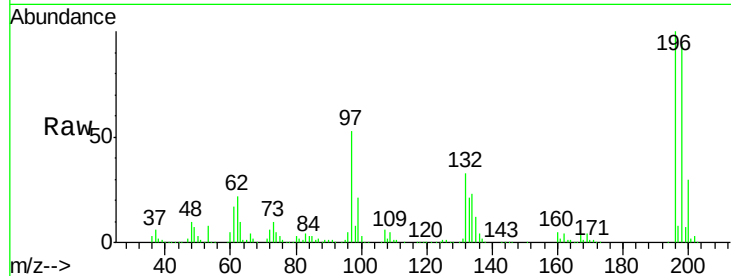
#43
 2,4,5-Trichlorophenol
 Concen: 34.492 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampled :
 3C-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		215631		
198	93.5	74.6	112.0		
97	52.9	42.9	64.3		
132	32.6	26.3	39.5		

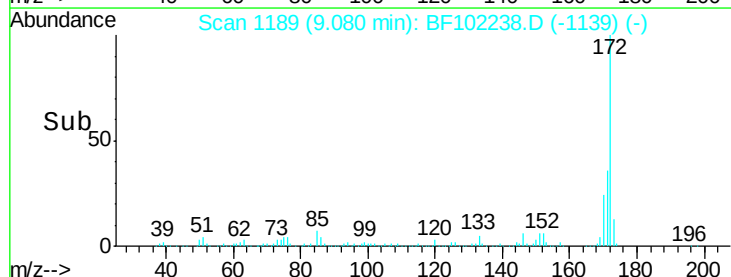
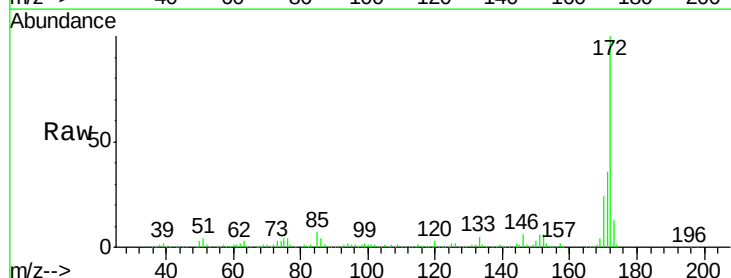
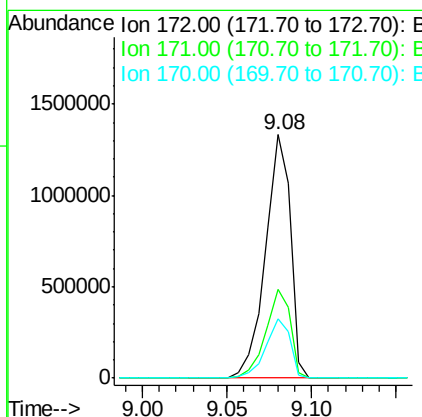
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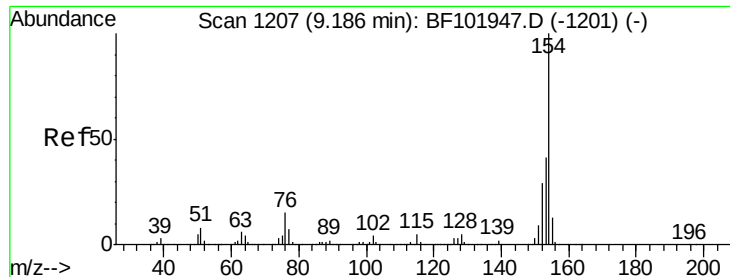
Sohil
 1/22/2018 5:24:41 PM



#44
 2-Fluorobiphenyl
 Concen: 74.147 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1346567		
171	36.3	29.7	44.5		
170	24.5	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 32.834 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

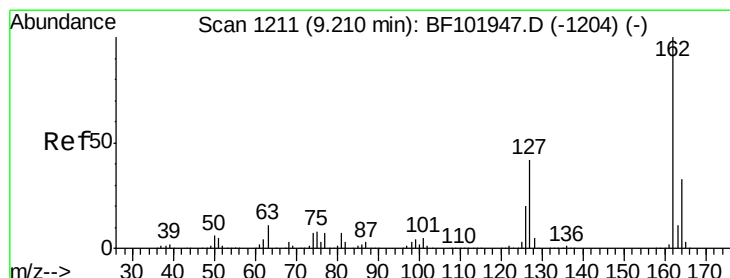
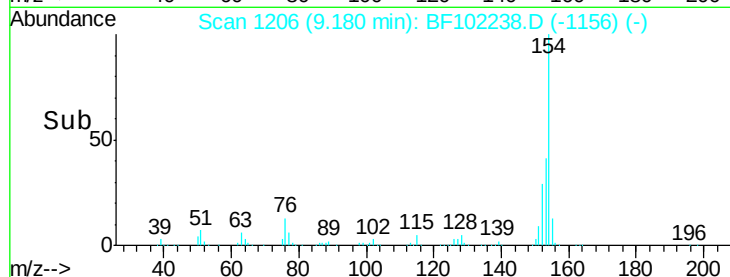
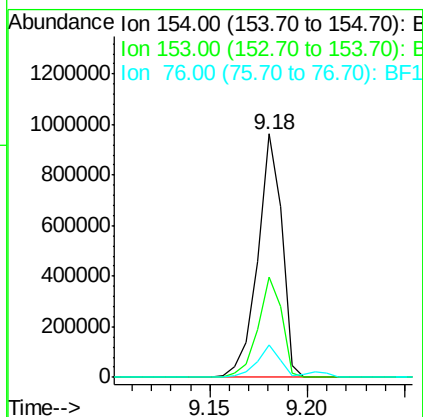
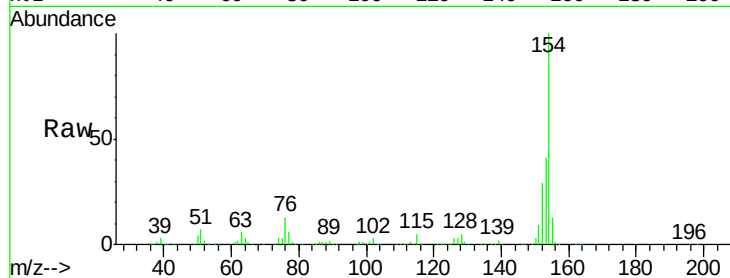
ClientSampleId :

3C-11MSD

Tot Ion:	154	Resp:	823397
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	13.2	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 33.212 ng

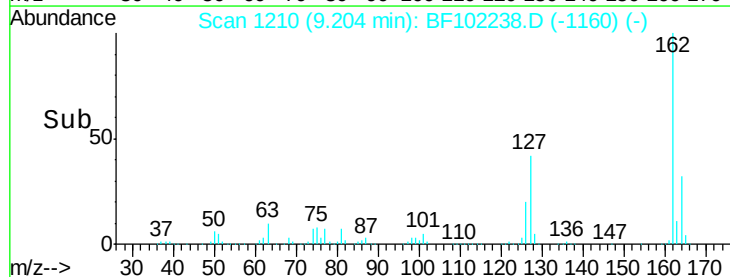
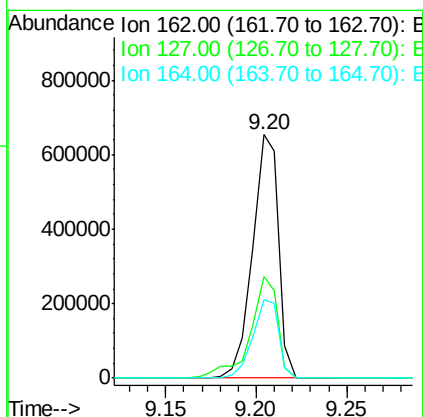
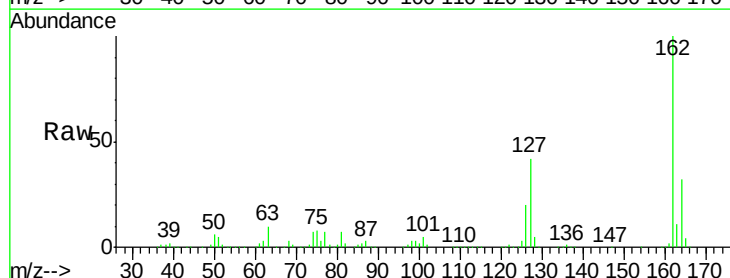
RT: 9.20 min Scan# 1210

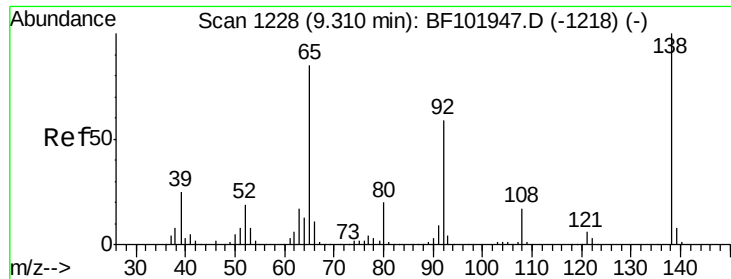
Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:	162	Resp:	645867
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	32.5	26.5	39.7





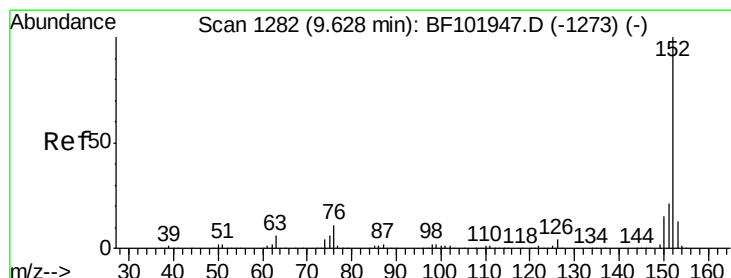
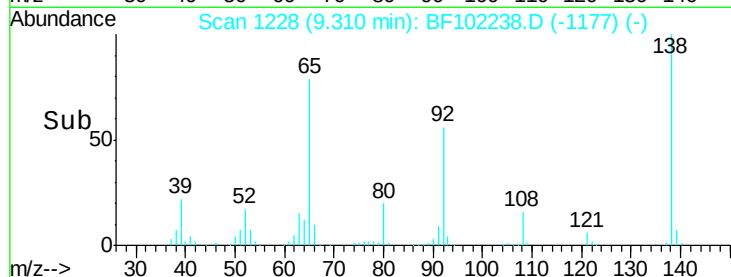
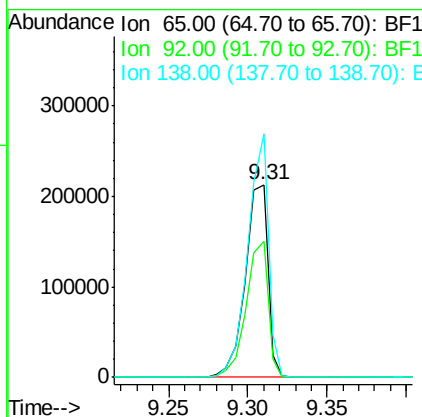
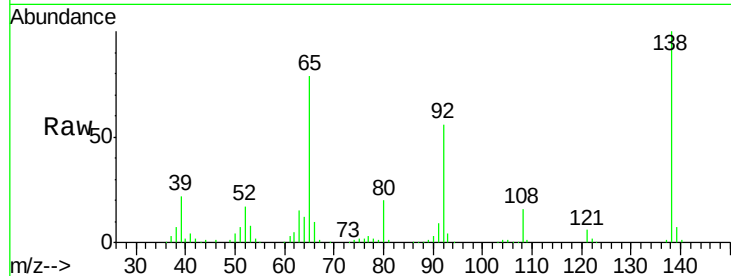
#47
2-Nitroaniline
Concen: 36.281 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	126.5	91.2	136.8

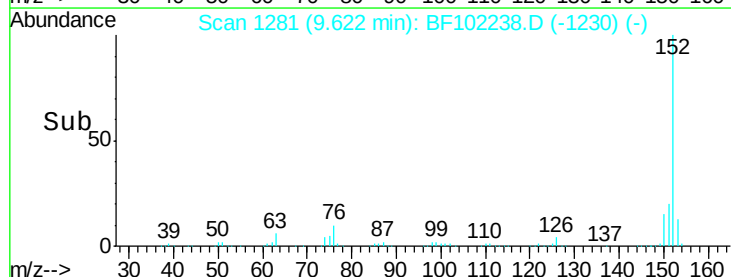
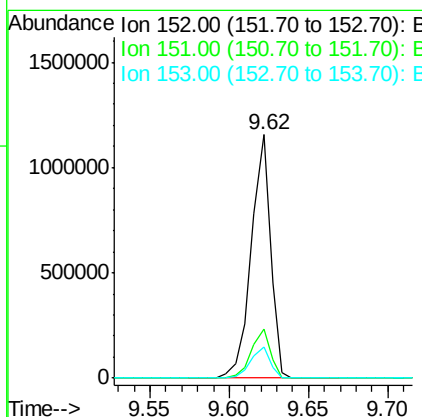
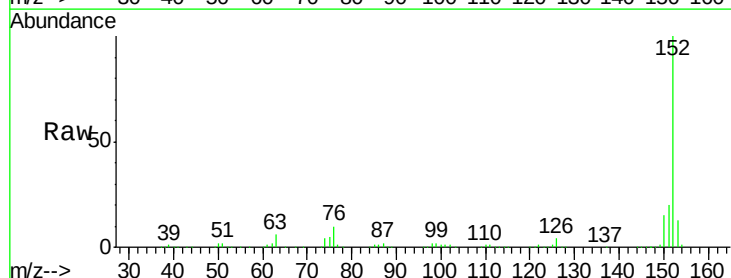
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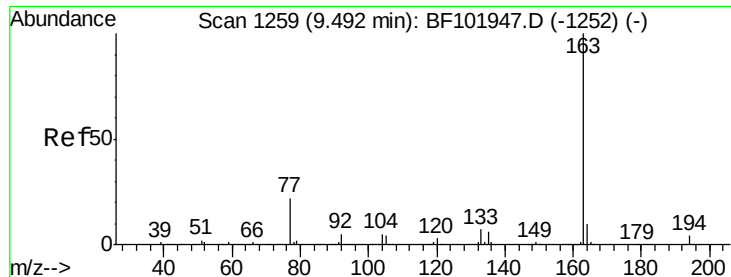
Sohil
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#48
Acenaphthylene
Concen: 31.579 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1





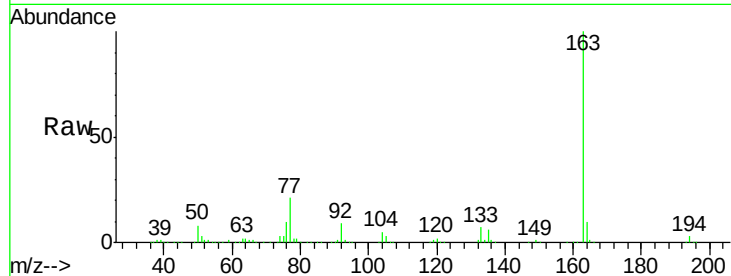
#49
Dimethylphthalate
Concen: 45.583 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

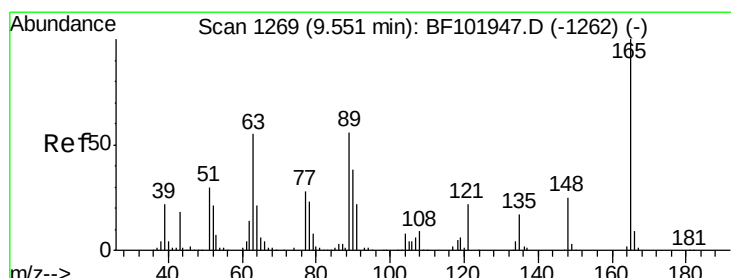
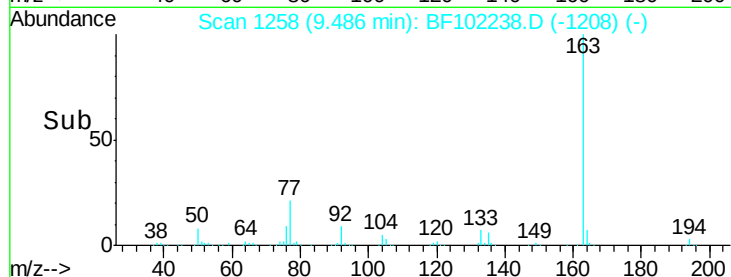
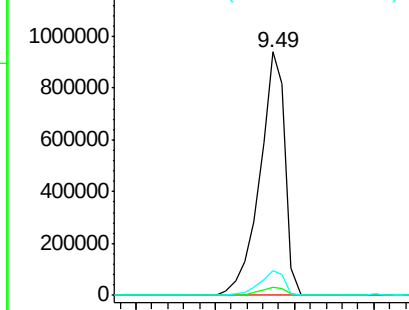
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

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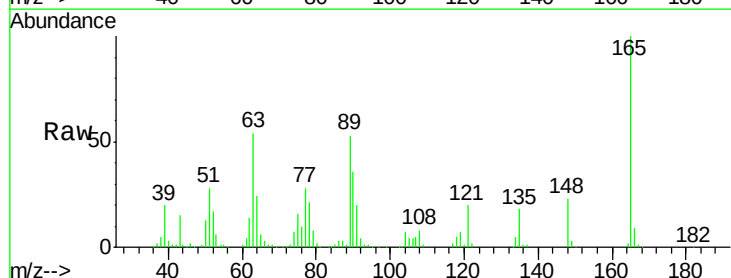


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

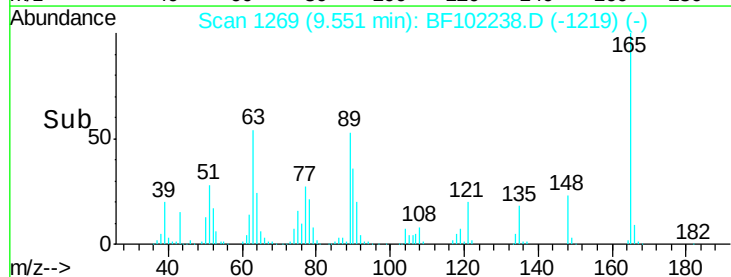
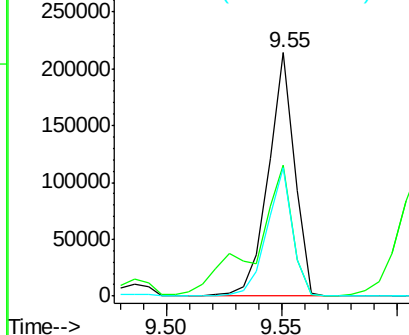


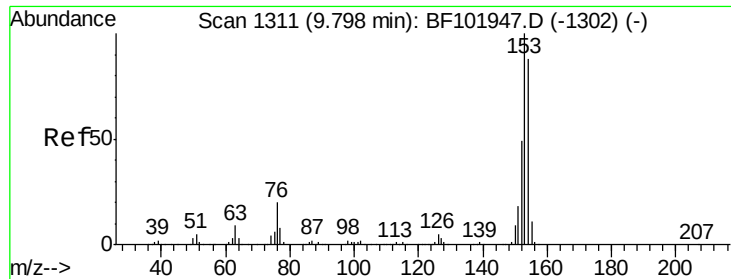
#50
2,6-Dinitrotoluene
Concen: 37.264 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.8	44.7	67.1
89	52.7	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





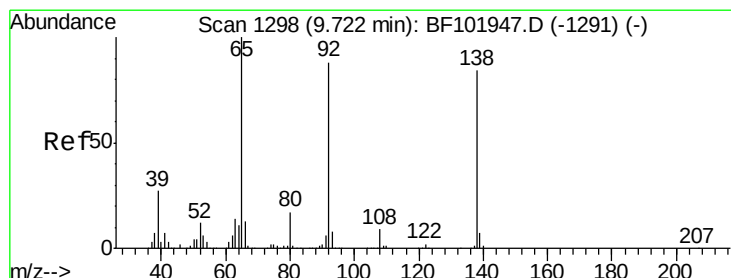
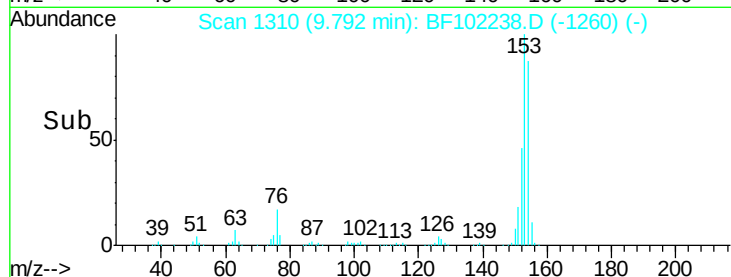
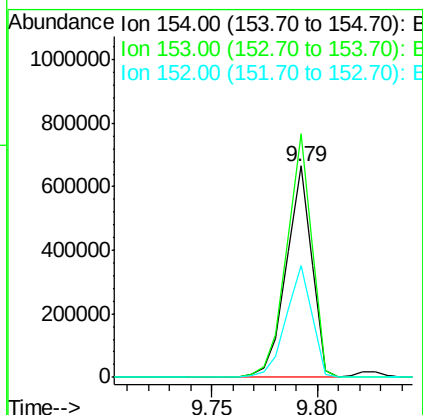
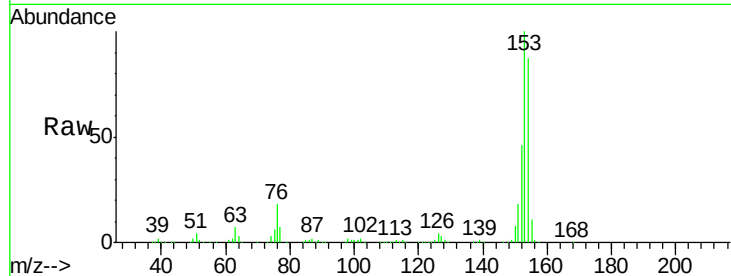
#51
Acenaphthene
Concen: 30.171 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	53.1	43.8	65.8

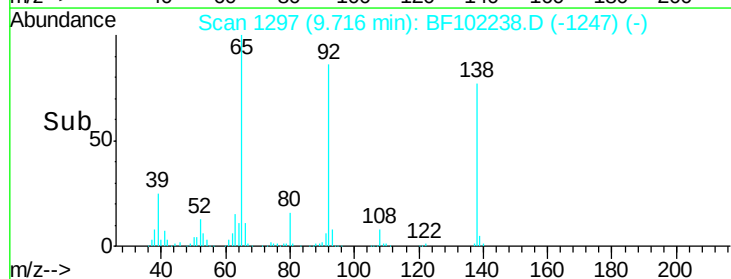
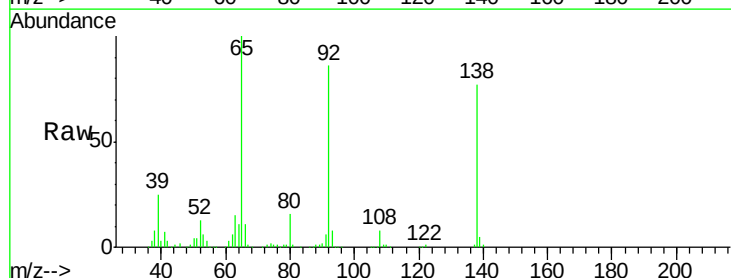
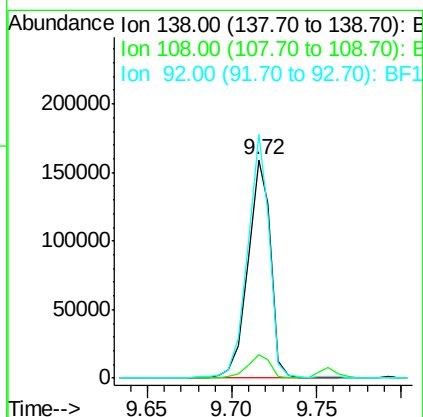
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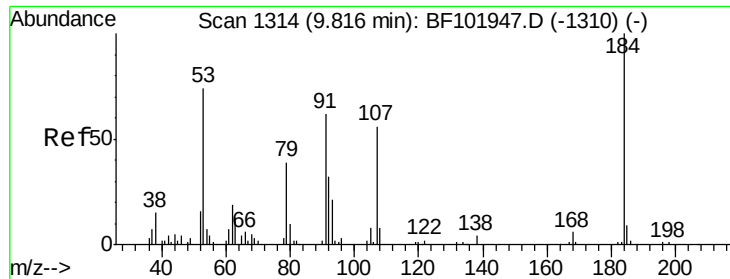
Sohil
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#52
3-Nitroaniline
Concen: 25.952 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	111.5	89.4	134.2





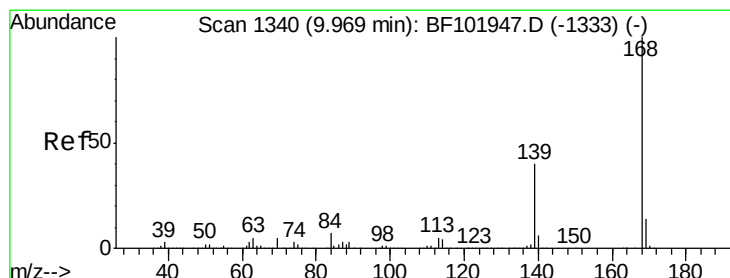
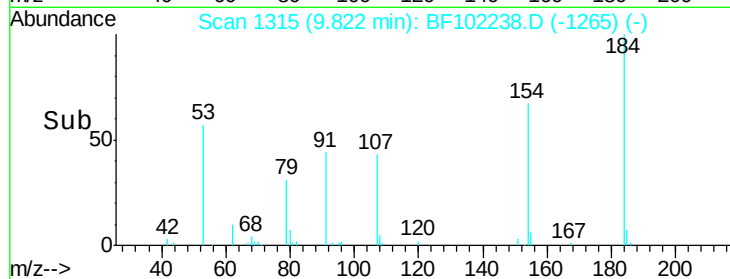
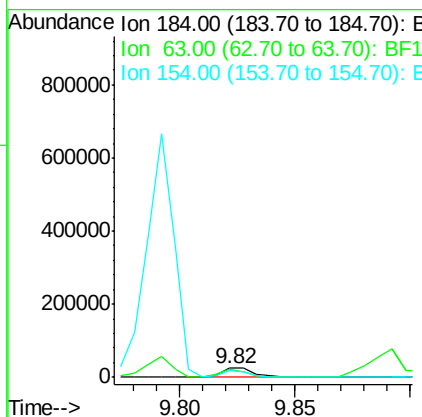
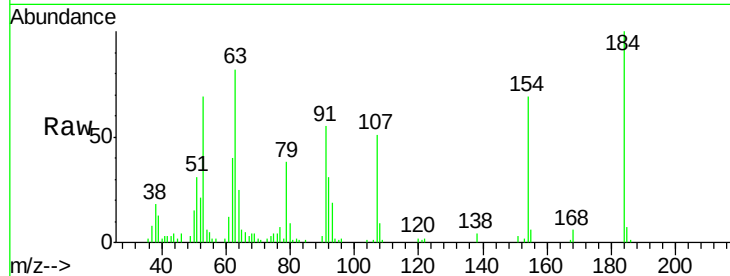
#53
2,4-Dinitrophenol
Concen: 21.832 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	81.7	54.2	81.2#	
154	68.7	184.0	276.0#	

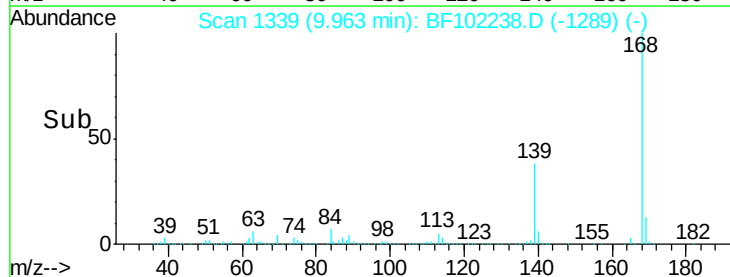
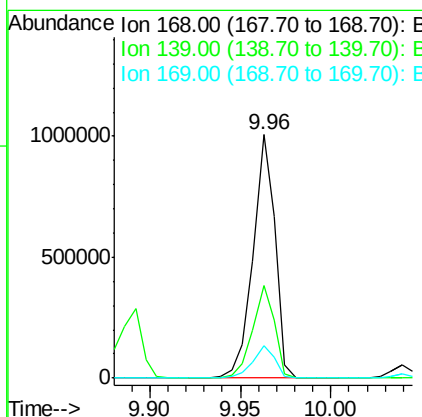
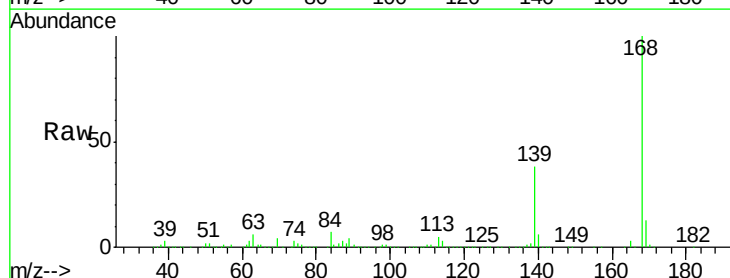
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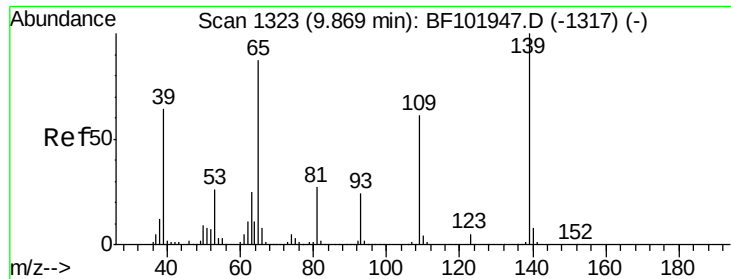
Sohil
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#54
Dibenzofuran
Concen: 32.950 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	30.1	45.1	
169	13.1	10.9	16.3	





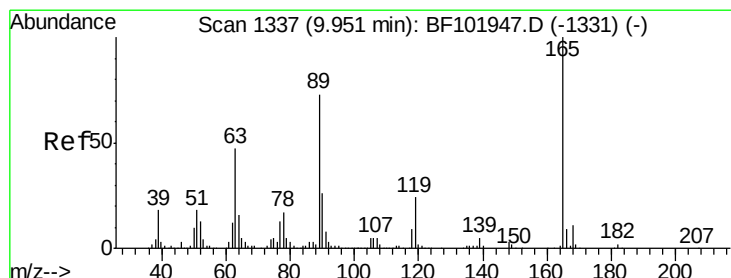
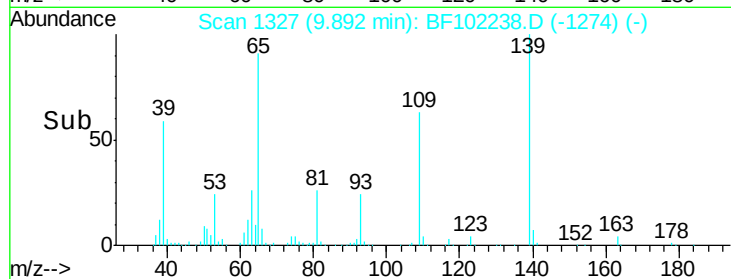
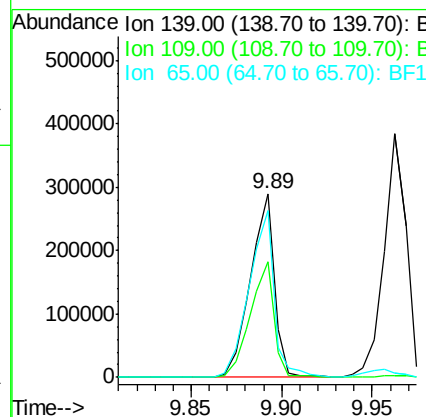
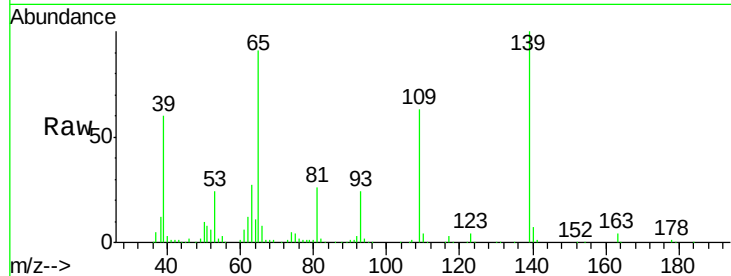
#55
4-Nitrophenol
Concen: 62.657 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	267924		
109	62.8	48.4	88.4	
65	90.9	72.6	112.6	

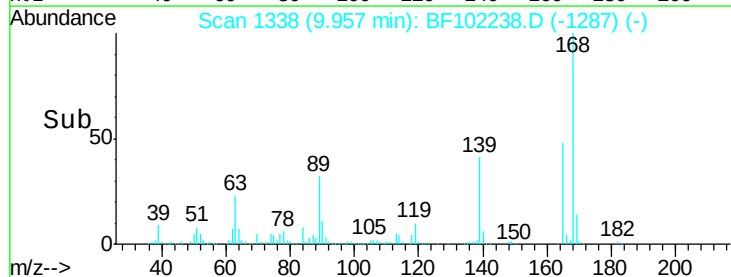
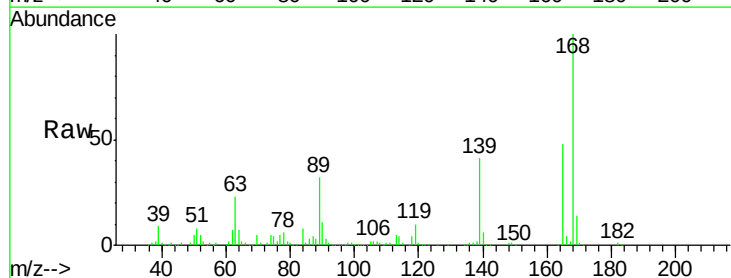
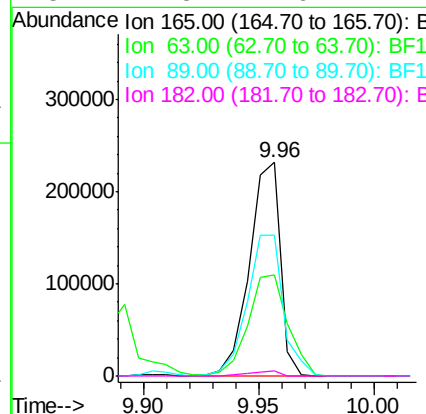
Manual Integrations
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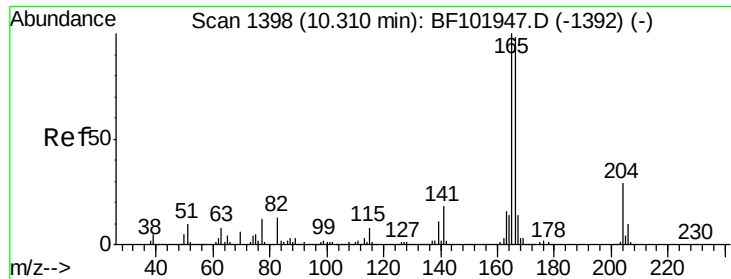
Sohil
1/22/2018 5:24:41 PM



#56
2,4-Dinitrotoluene
Concen: 38.045 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216797		
63	47.2	36.4	54.6	
89	66.1	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 36.079 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

3C-11MSD

Tot Ion:166 Resp: 641197

Ion Ratio Lower Upper

166 100

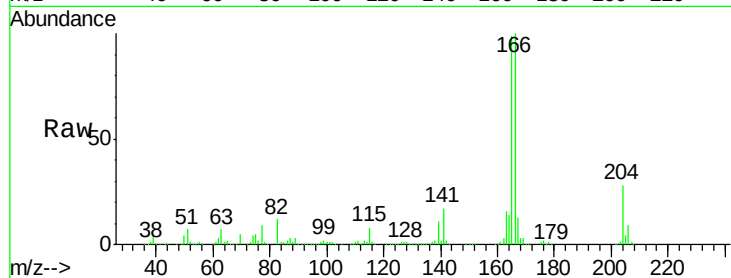
165 98.5 79.8 119.8

167 13.4 10.6 16.0

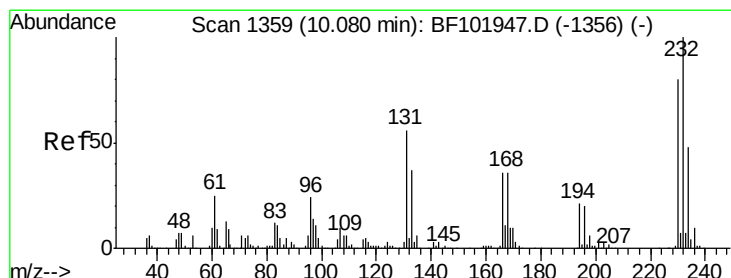
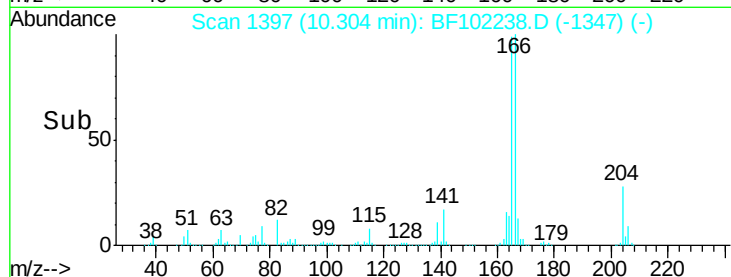
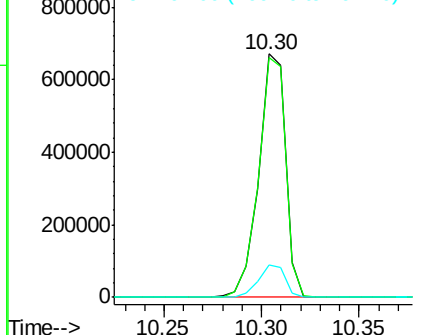
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.960 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:232 Resp: 160050

Ion Ratio Lower Upper

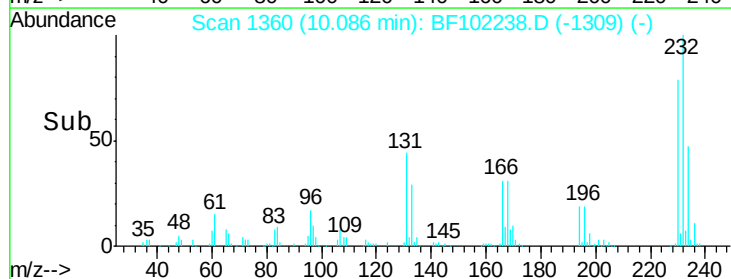
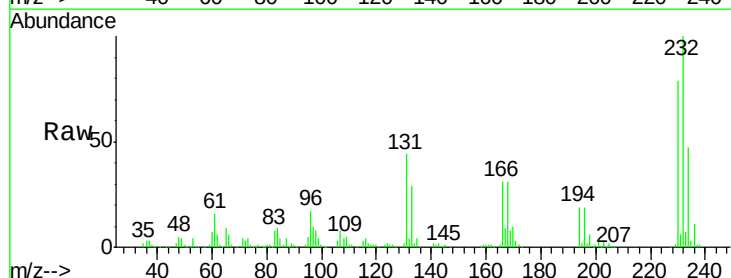
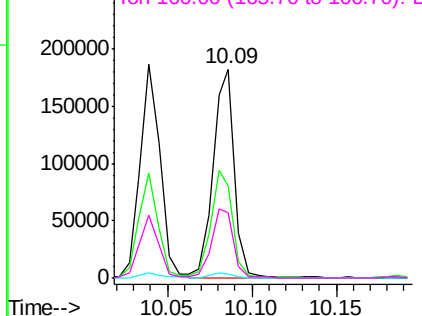
232 100

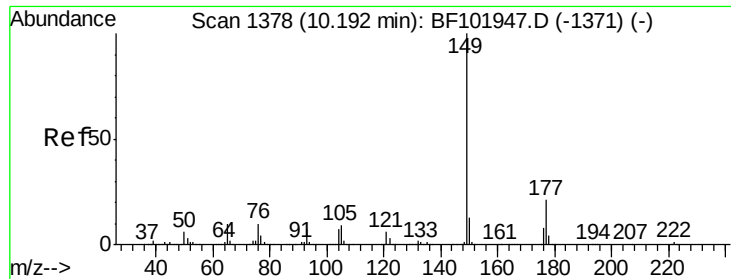
131 51.6 43.8 65.8

130 2.4 2.1 3.1

166 34.3 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





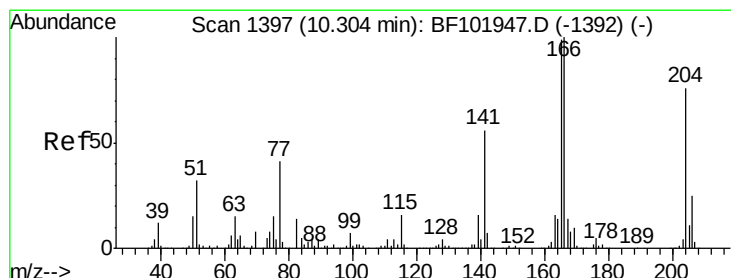
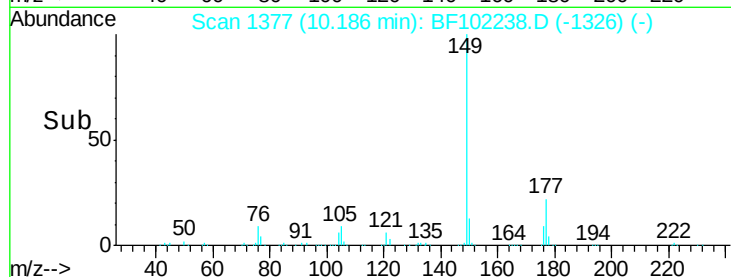
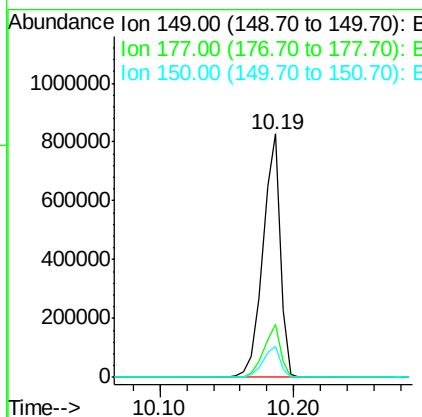
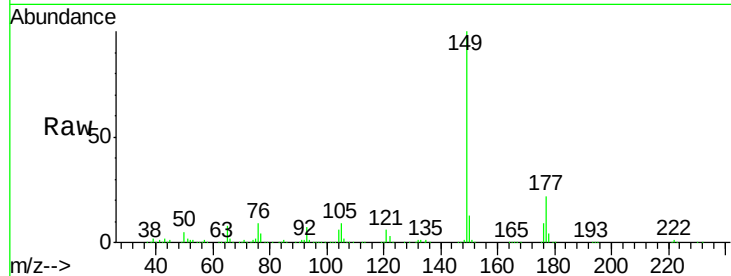
#59
Diethylphthalate
Concen: 32.488 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.8	10.1	15.1

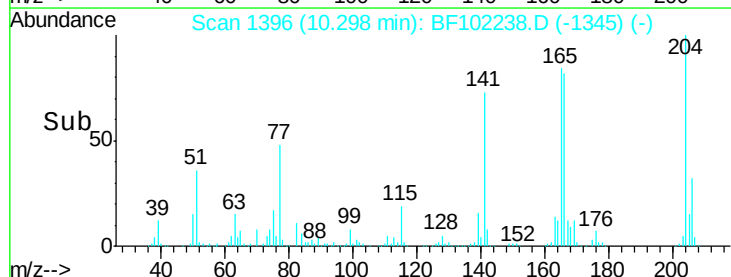
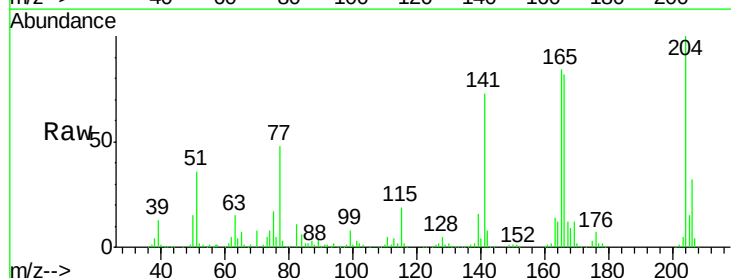
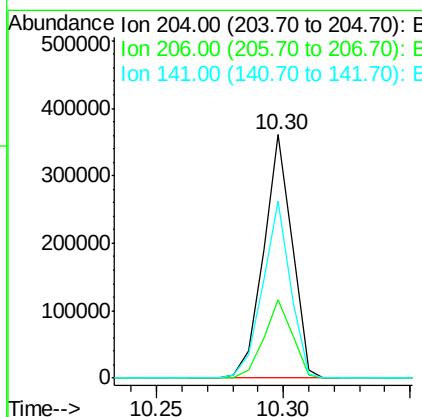
Manual Integrations
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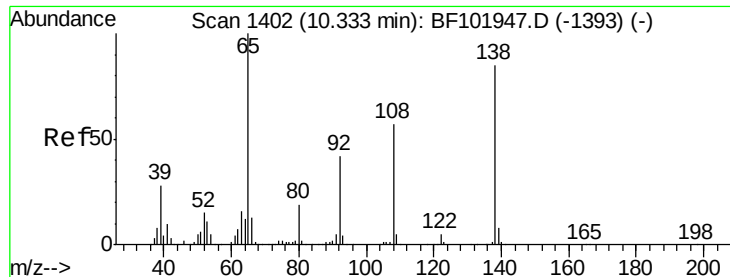
Sohil
1/22/2018 5:24:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.300 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	72.9	54.6	81.8





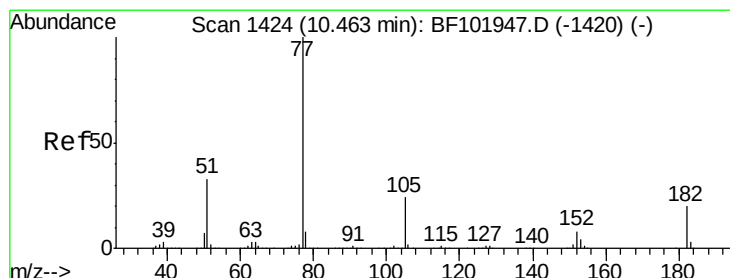
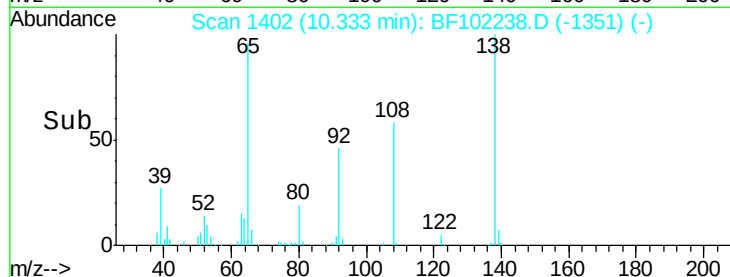
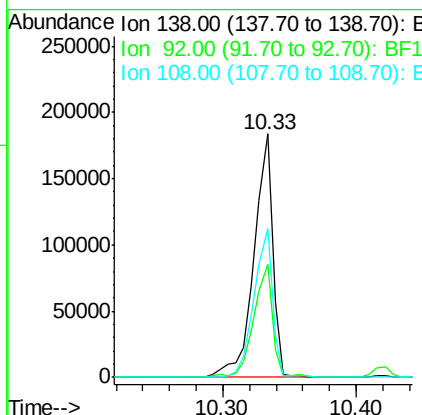
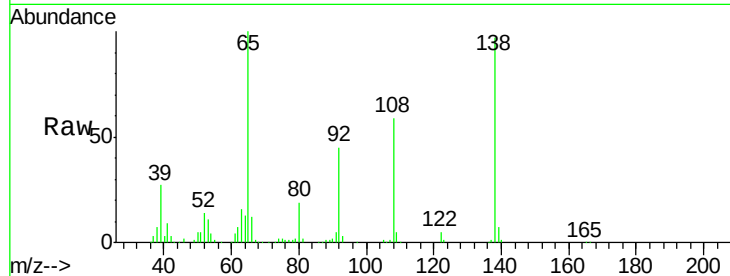
#61
4-Nitroaniline
Concen: 32.480 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	61.0	52.5	92.5

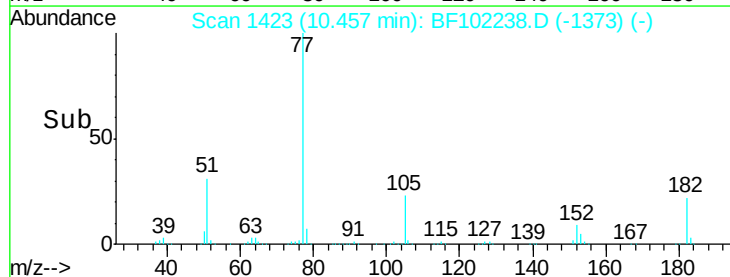
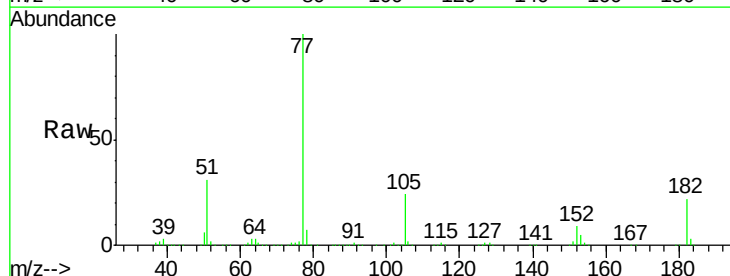
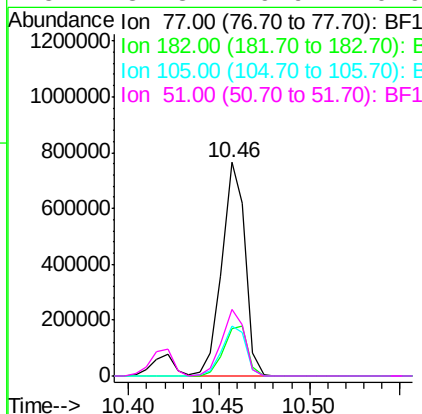
Manual Integrations
APPROVED

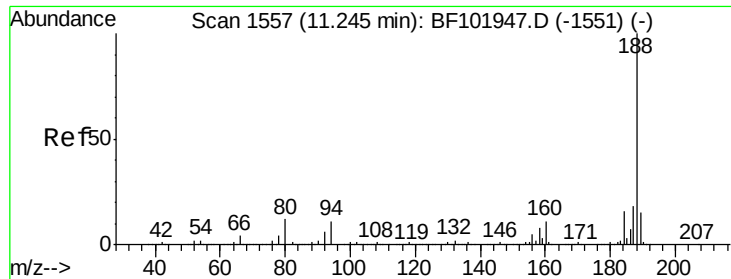
Sohil
1/22/2018 5:24:41 PM



#62
Azobenzene
Concen: 30.278 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.7	41.7
105	23.6	3.0	43.0
51	31.3	9.9	49.9





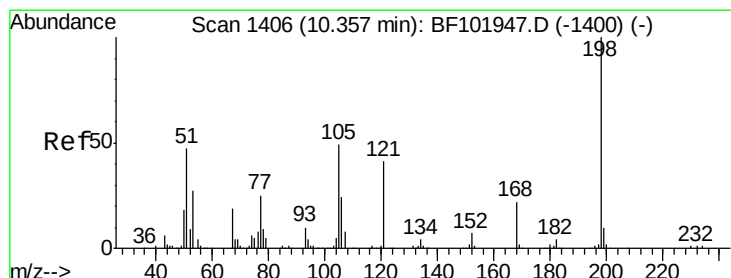
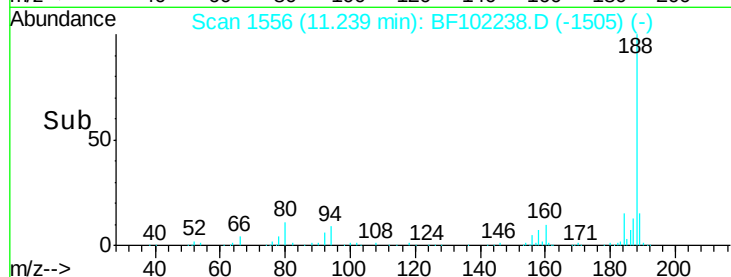
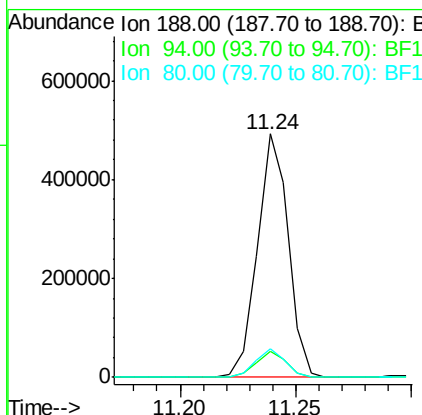
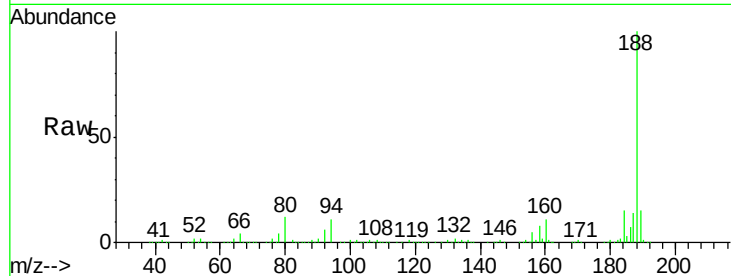
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	457683		
94	10.6		8.5	12.7
80	11.6		9.2	13.8

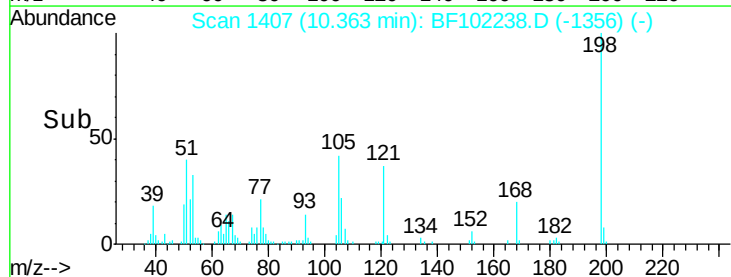
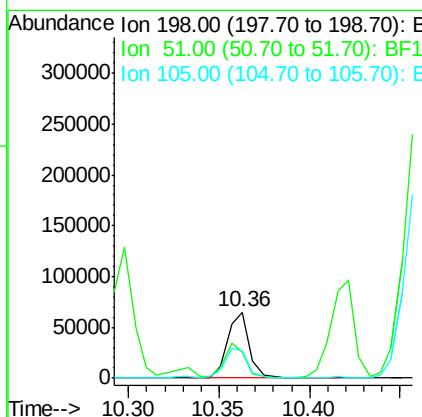
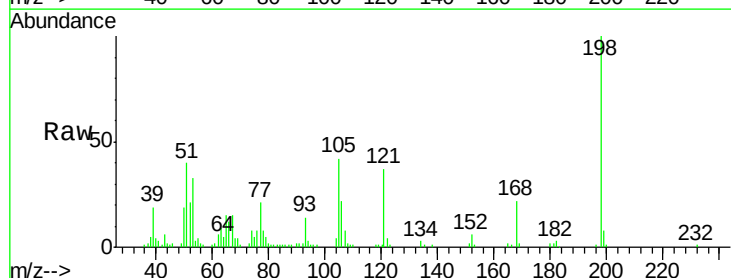
Manual Integrations
 APPROVED

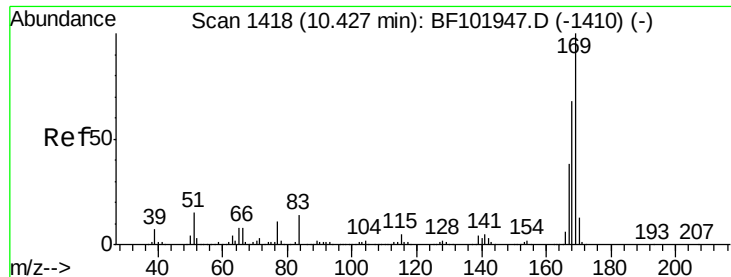
Sohil
 1/22/2018 5:24:41 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.006 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54515		
51	40.2		37.7	77.7
105	41.9		36.3	76.3





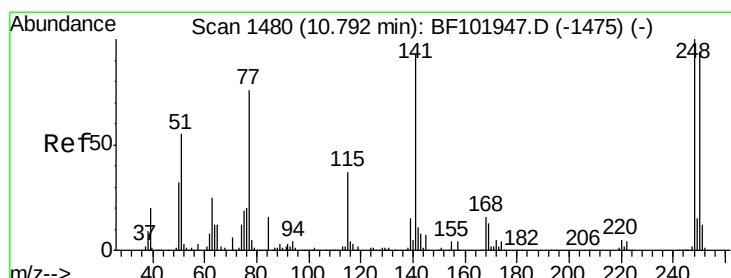
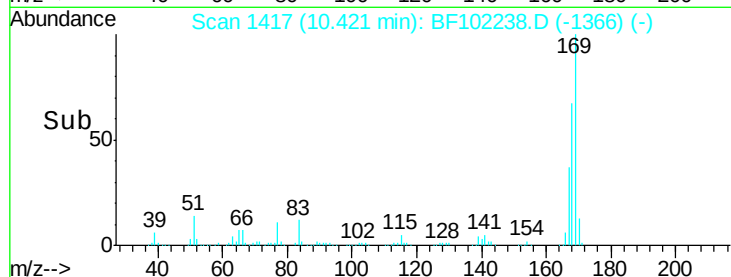
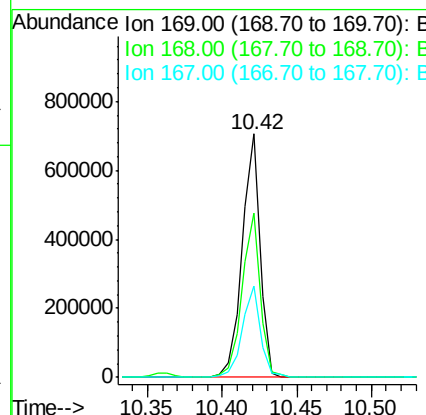
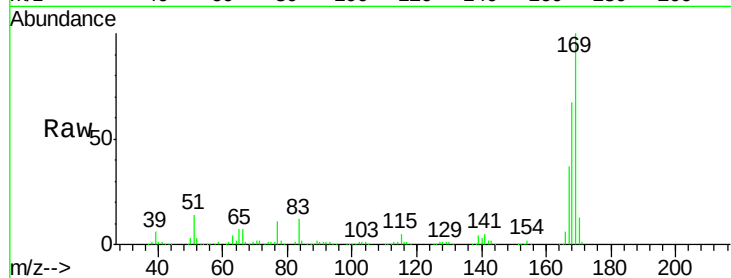
#65
 n-Nitrosodiphenylamine
 Concen: 34.748 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	595519		
168	67.3	54.4	81.6	
167	37.3	29.8	44.6	

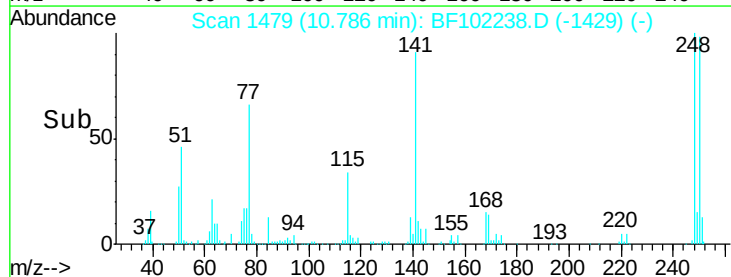
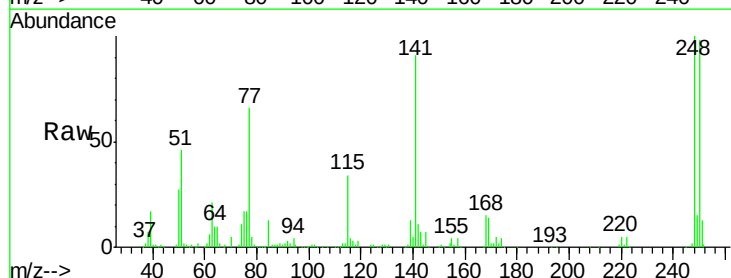
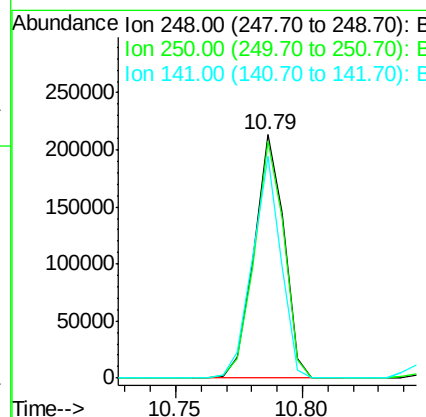
Manual Integrations
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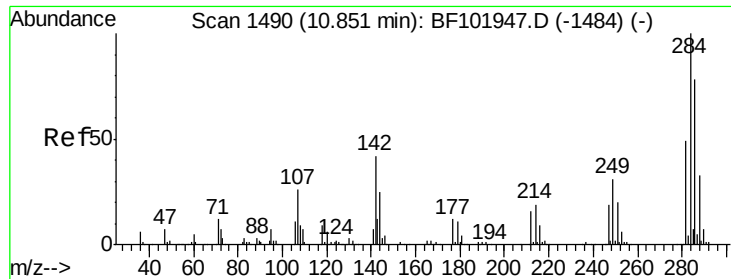
Sohil
 1/22/2018 5:24:41 PM



#66
 4-Bromophenyl-phenylether
 Concen: 36.484 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176341		
250	97.6	76.9	115.3	
141	91.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 35.046 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

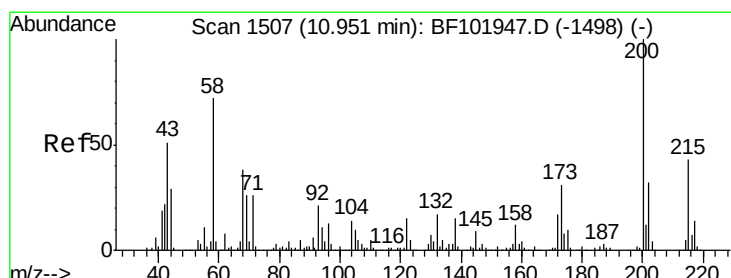
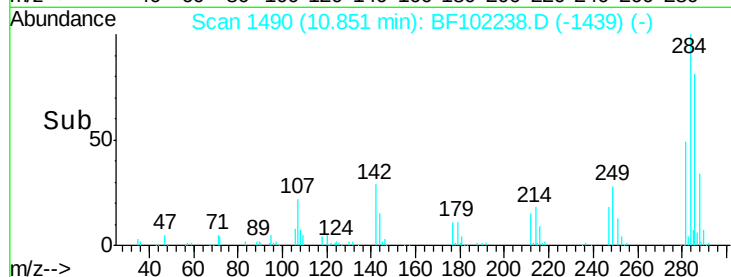
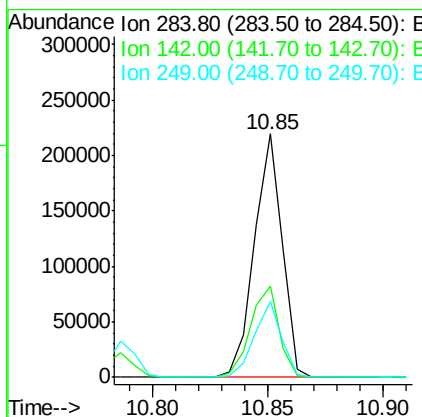
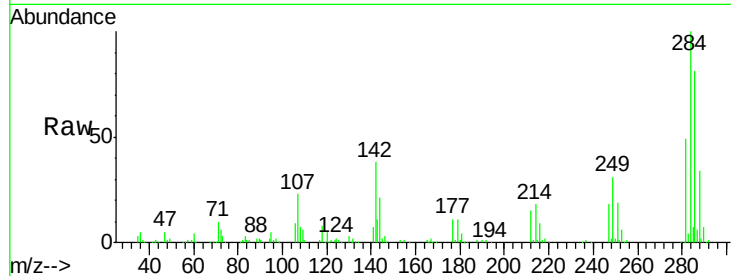
ClientSampled :

3C-11MSD

Tot Ion:	284	Resp:	184923
Ion Ratio		Lower	Upper
284	100		
142	37.6	34.6	52.0
249	31.0	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 36.376 ng

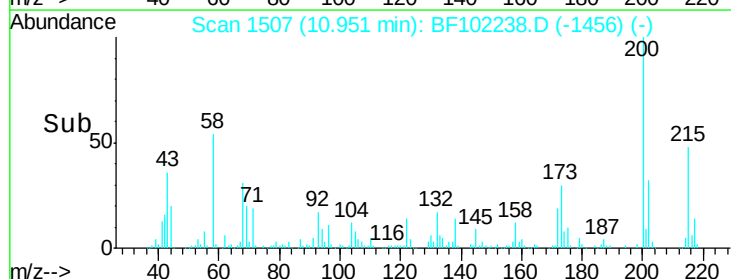
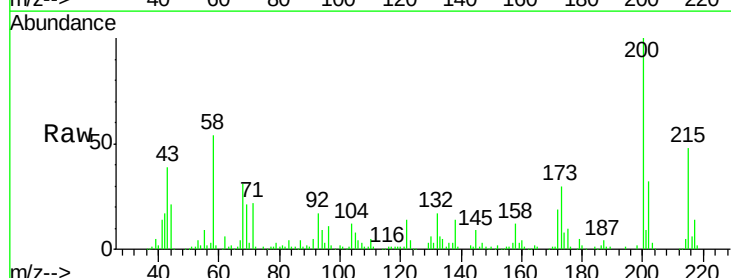
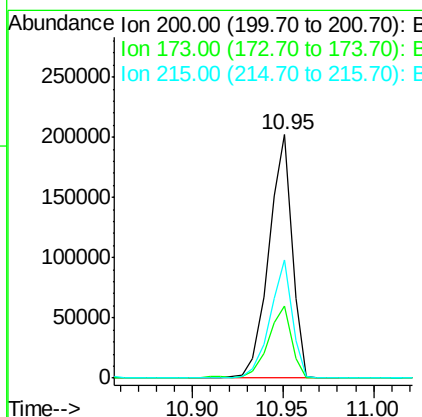
RT: 10.95 min Scan# 1507

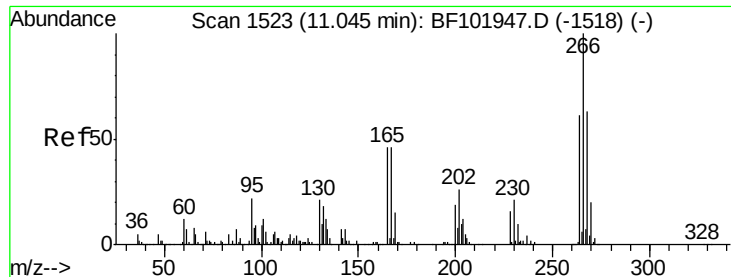
Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:	200	Resp:	180165
Ion Ratio		Lower	Upper
200	100		
173	29.5	8.6	48.6
215	48.5	25.1	65.1





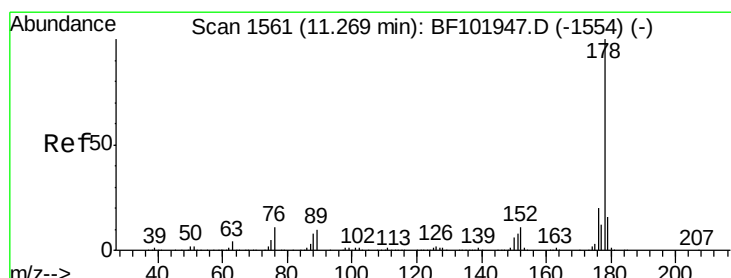
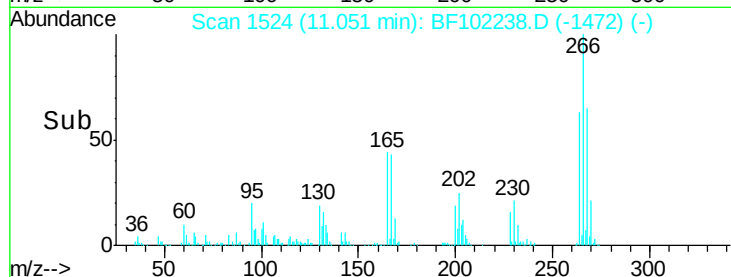
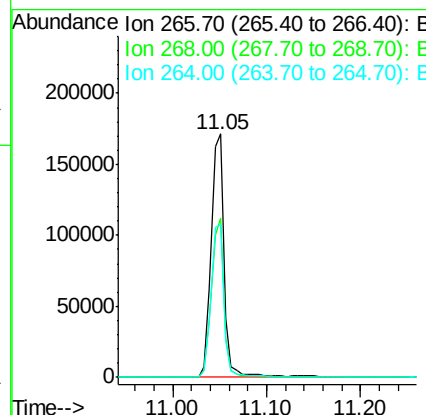
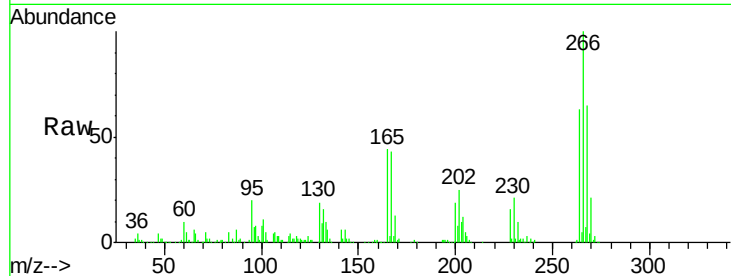
#69
 Pentachlorophenol
 Concen: 52.104 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	167648		
268	65.4	51.1	76.7	
264	63.0	49.5	74.3	

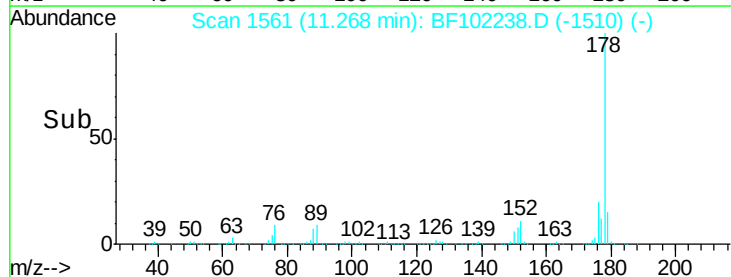
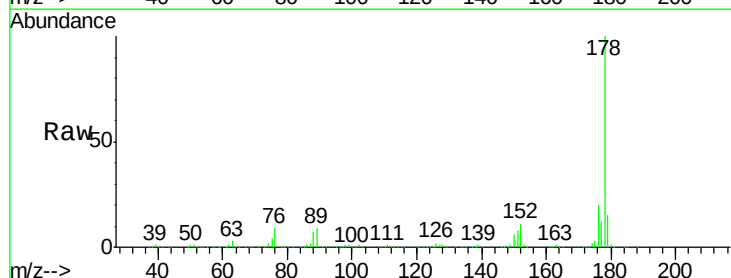
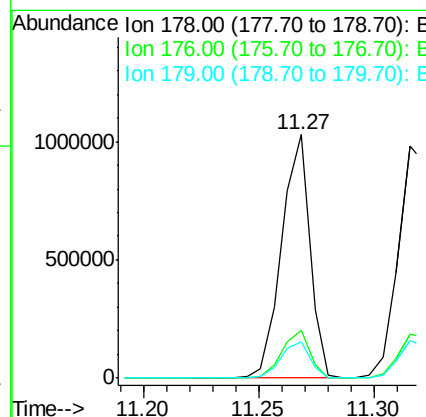
Manual Integrations
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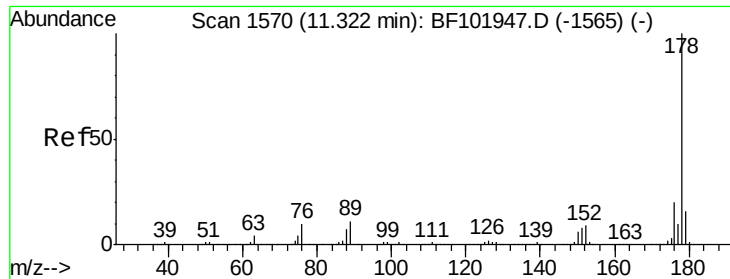
Sohil
 1/22/2018 5:24:41 PM



#70
 Phenanthrene
 Concen: 32.603 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	871637		
176	19.7	15.8	23.8	
179	15.1	13.0	19.6	





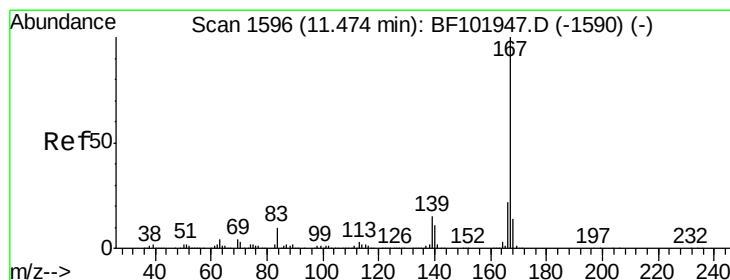
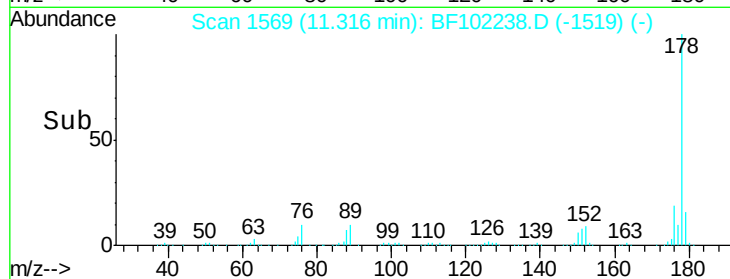
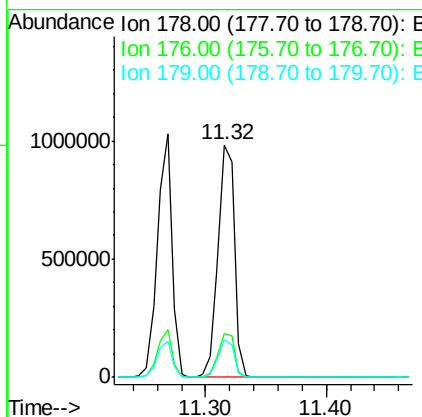
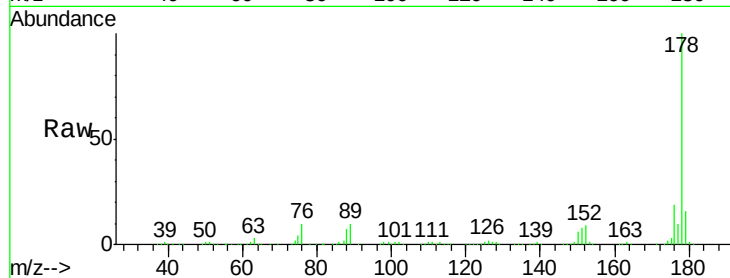
#71
 Anthracene
 Concen: 33.845 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.9	12.6	19.0

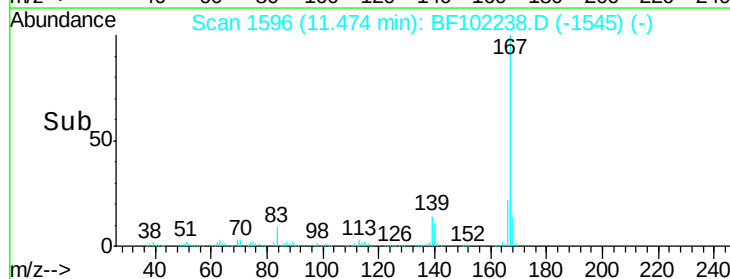
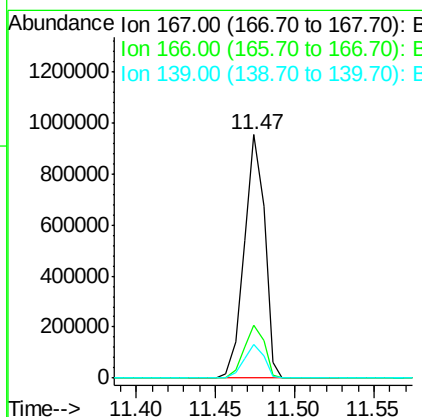
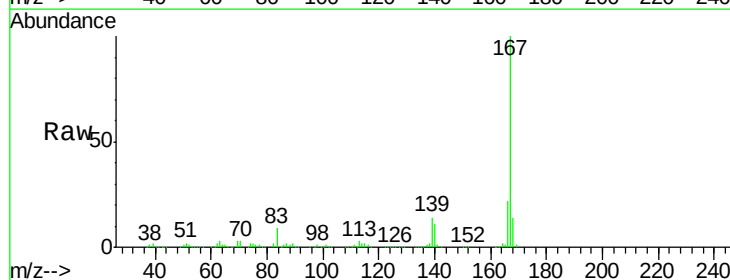
Manual Integrations
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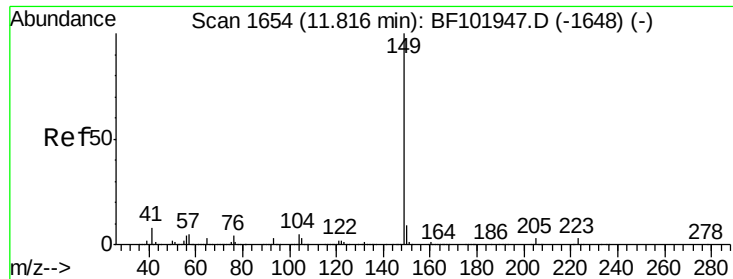
Sohil
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#72
 Carbazole
 Concen: 31.800 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 33.893 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

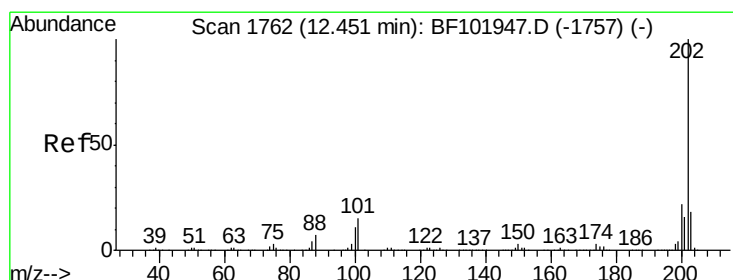
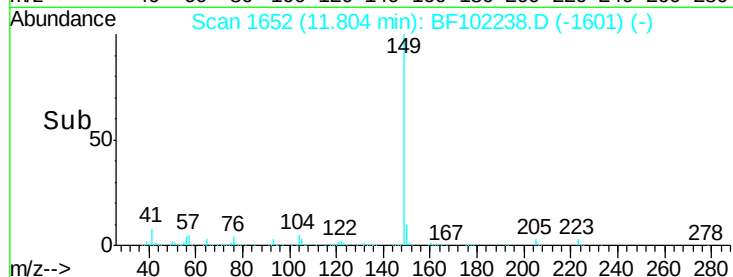
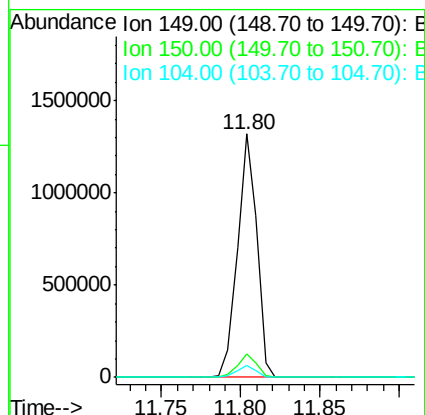
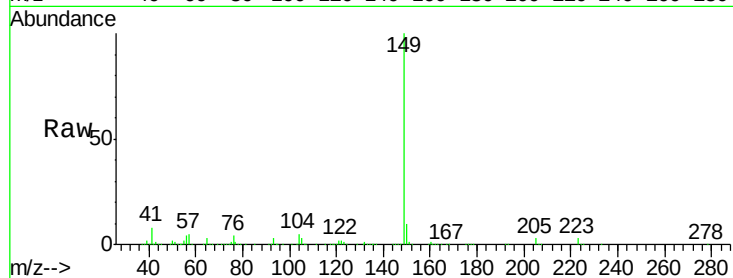
ClientSampleId :

3C-11MSD

Tot Ion:	149	Resp:	1108181
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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1/22/2018 5:24:41 PM



#74

Fluoranthene

Concen: 29.638 ng

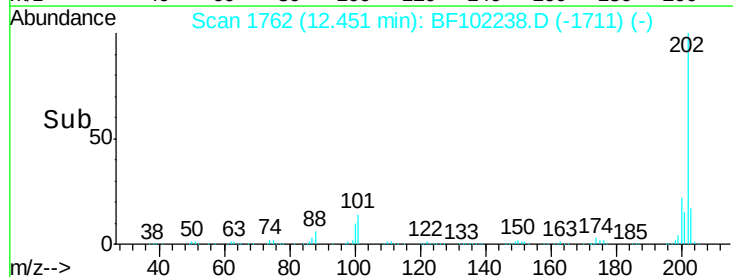
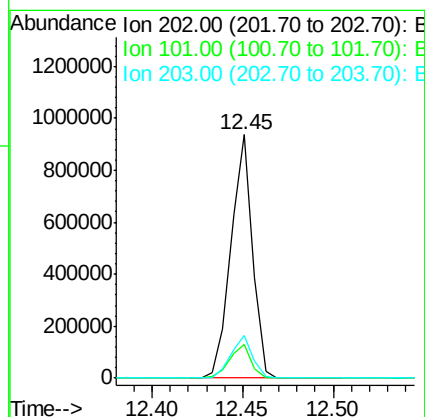
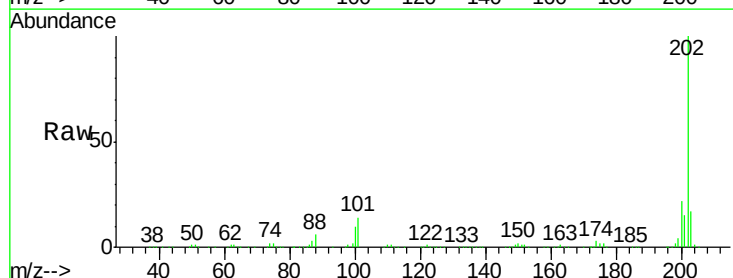
RT: 12.45 min Scan# 1762

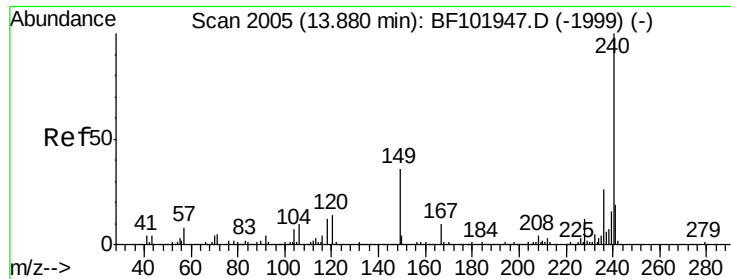
Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:	202	Resp:	779579
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

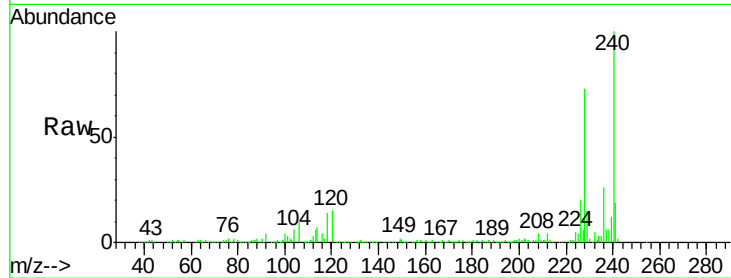
ClientSampled :

3C-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	272325		
120	15.0	9.5	14.3#	
236	25.6	20.7	31.1	

Manual Integrations
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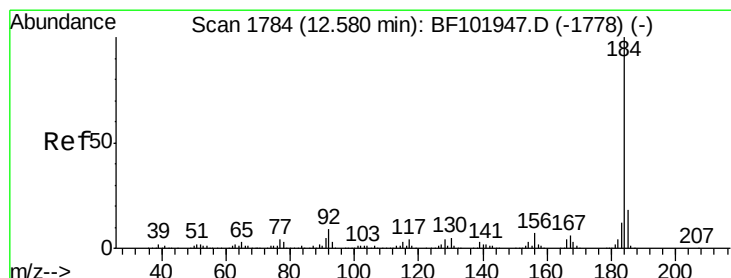
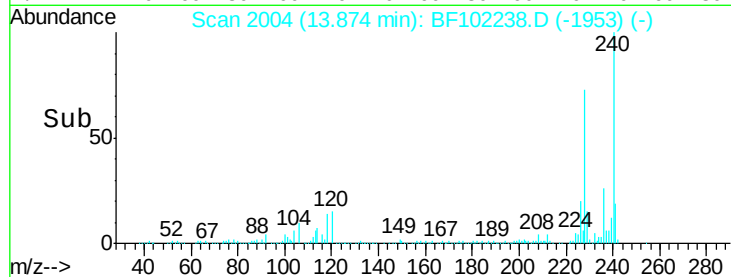
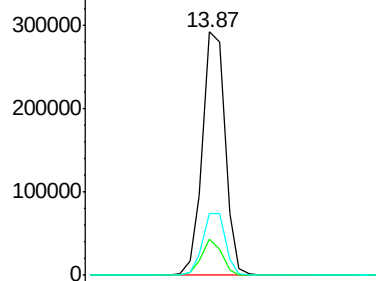
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.427 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102238.D

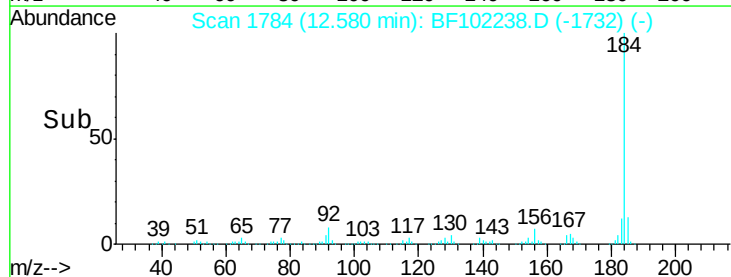
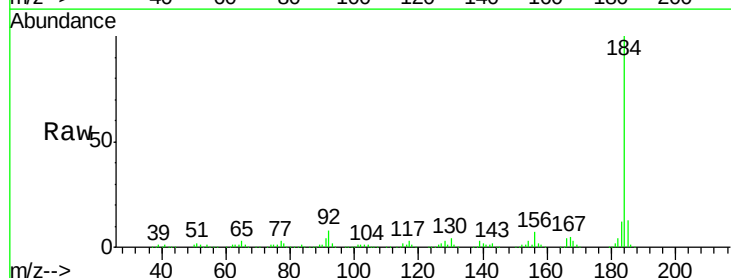
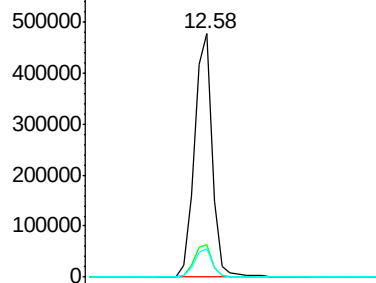
Acq: 20 Jan 2018 1:05

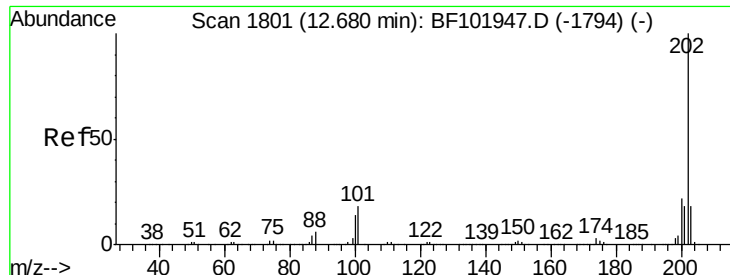
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	452729		
185	13.2	12.6	18.8	
183	11.8	9.3	13.9	

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





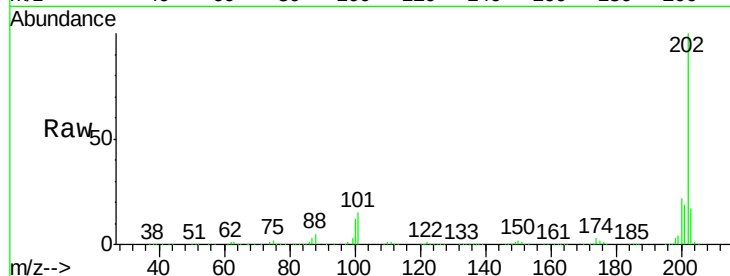
#77
Pvrene
Concen: 31.996 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

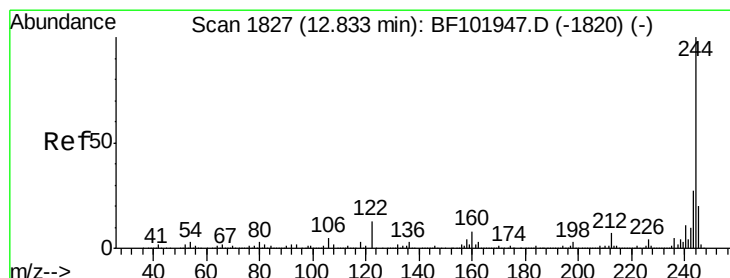
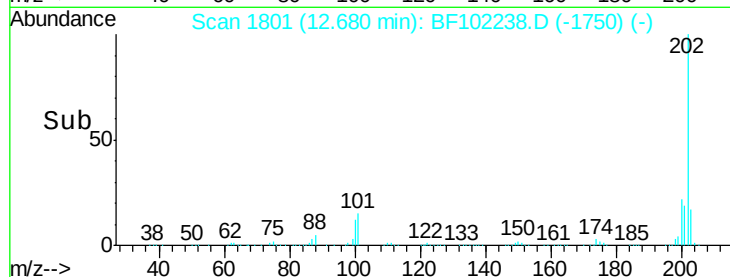
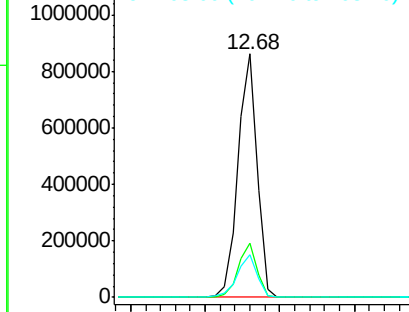
Tot Ion	Ratio	Resp	Lower	Upper
202	100	770213		
200	22.1		17.4	26.2
203	17.3		14.3	21.5

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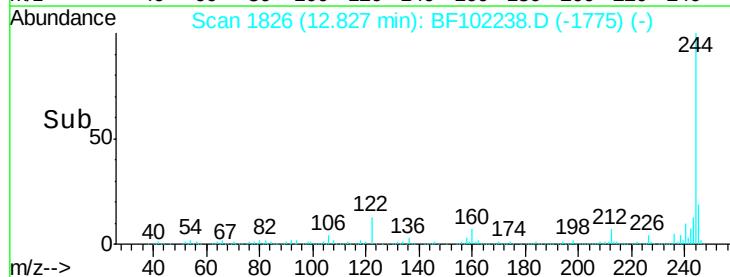
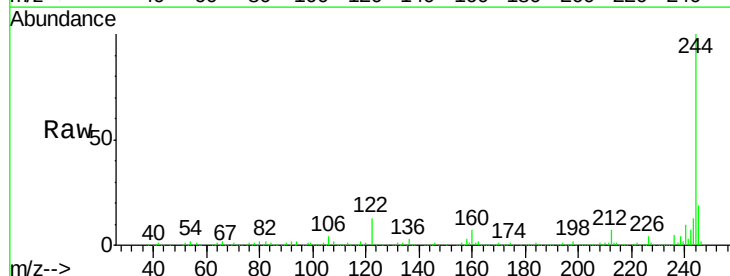
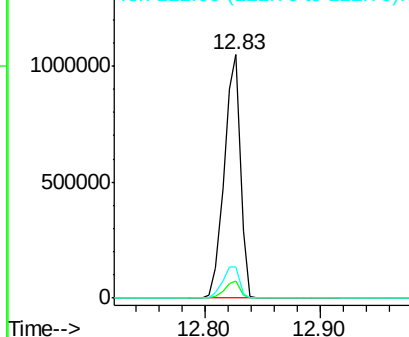
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

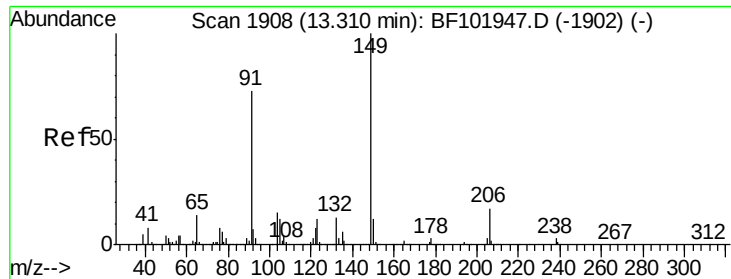


#78
Terphenyl-d14
Concen: 77.140 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1011782		
212	6.9		5.4	8.0
122	12.7		11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





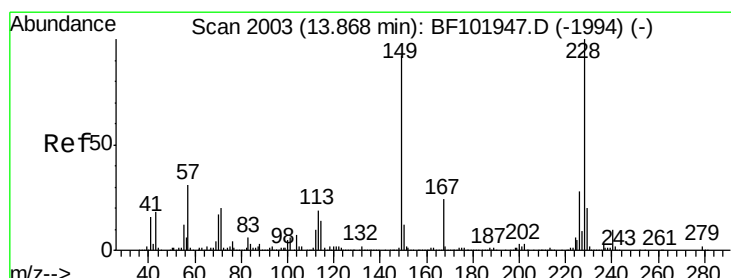
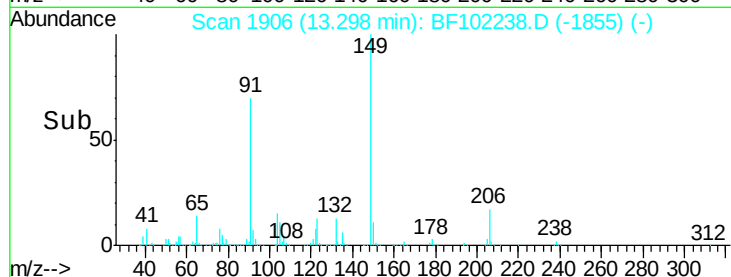
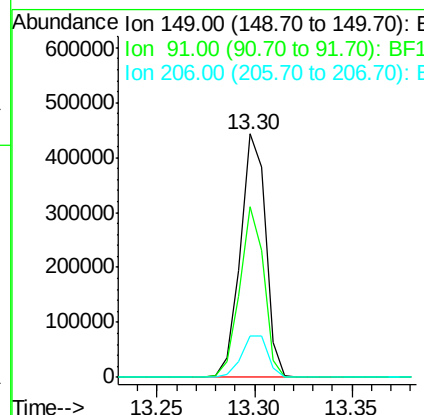
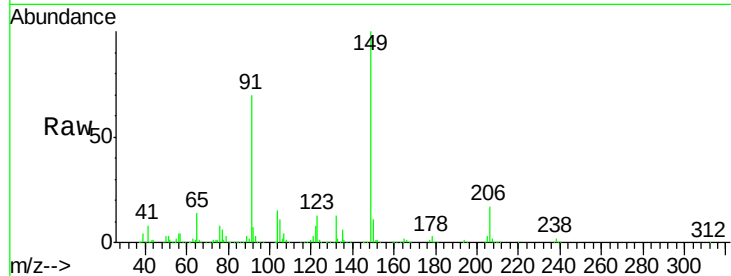
#79
 Butylbenzylphthalate
 Concen: 35.951 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion:	149	Resp:	397152
Ion Ratio	Lower	Upper	
149	100		
91	70.4	56.8	85.2
206	16.8	14.1	21.1

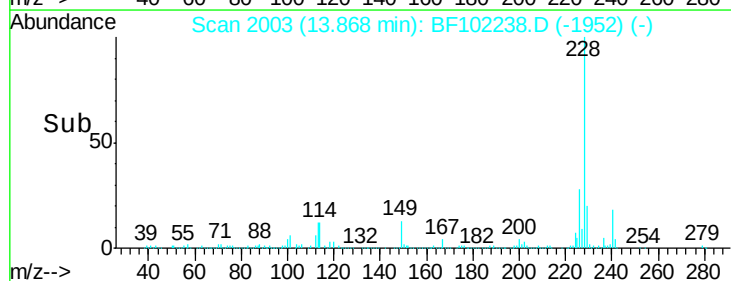
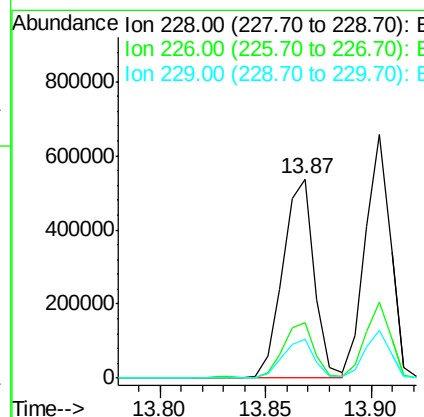
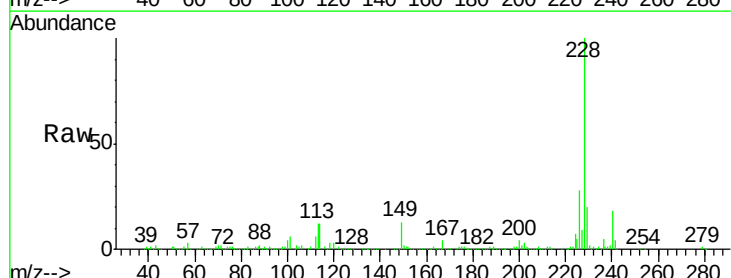
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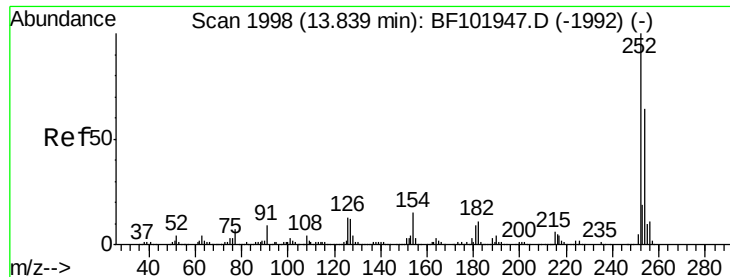
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#80
 Benzo(a)anthracene
 Concen: 32.130 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Tgt Ion:	228	Resp:	558264
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	19.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 32.115 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

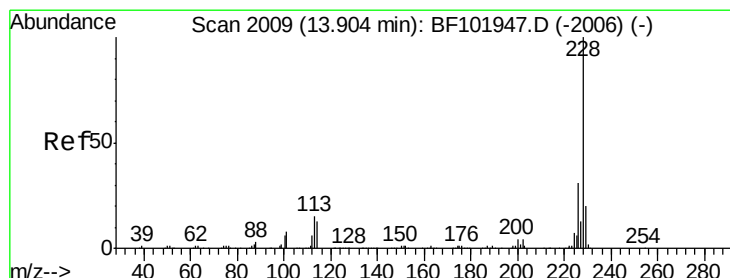
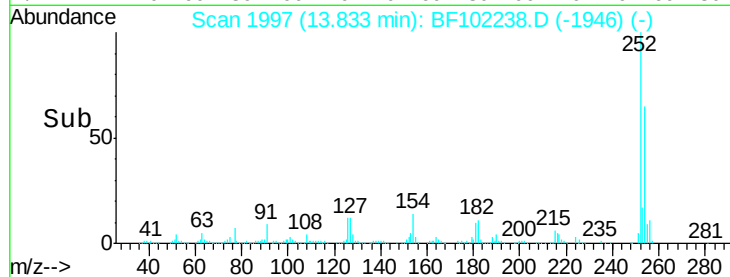
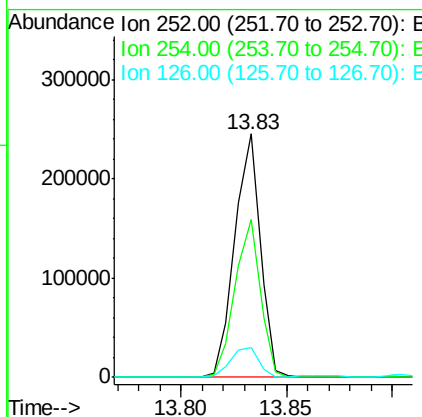
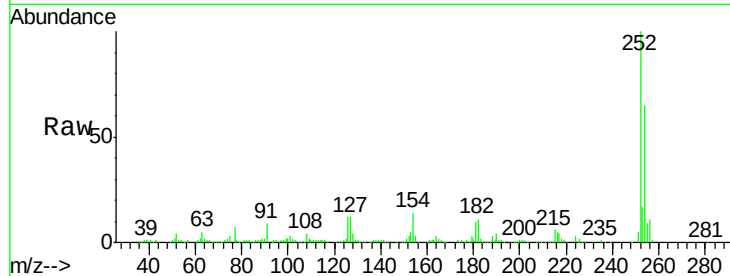
ClientSampleId :

3C-11MSD

Tot Ion:	252	Resp:	206610
Ion Ratio		Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.3	11.3	16.9

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#82

Chrysene

Concen: 30.360 ng

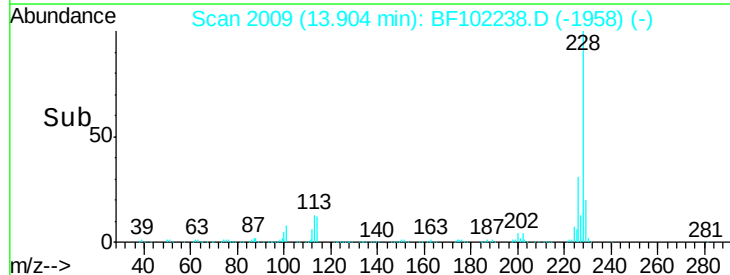
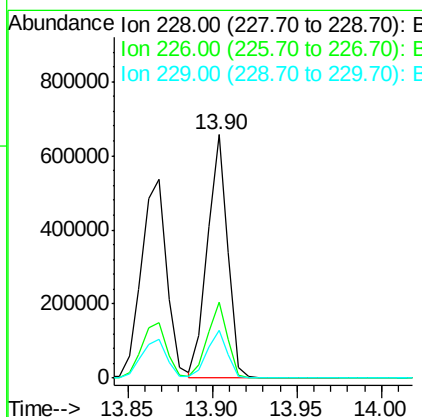
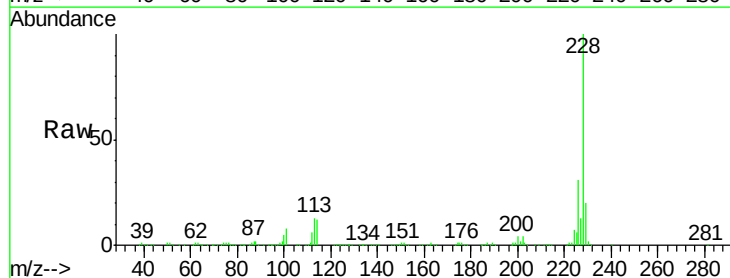
RT: 13.90 min Scan# 2009

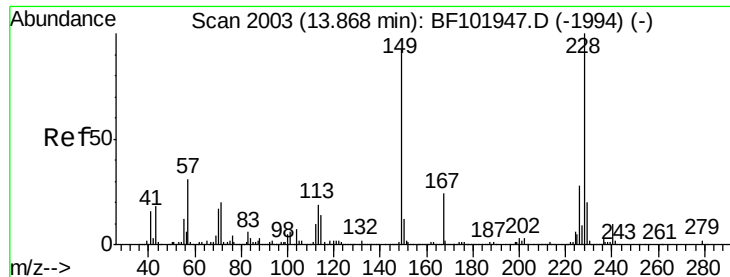
Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Tgt Ion:	228	Resp:	550049
Ion Ratio		Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.295 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102238.D

Acq: 20 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

3C-11MSD

Tot Ion:149 Resp: 523328
Ion Ratio Lower Upper

149 100

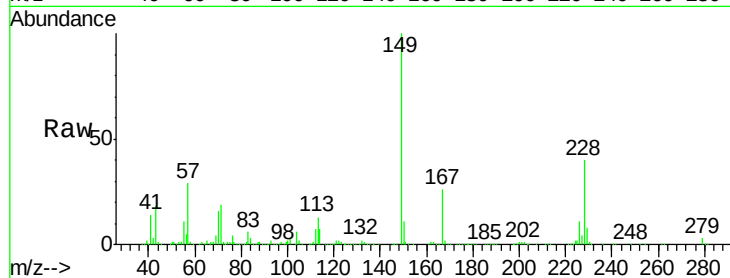
167 26.4 21.3 31.9

279 2.8 3.0 4.4#

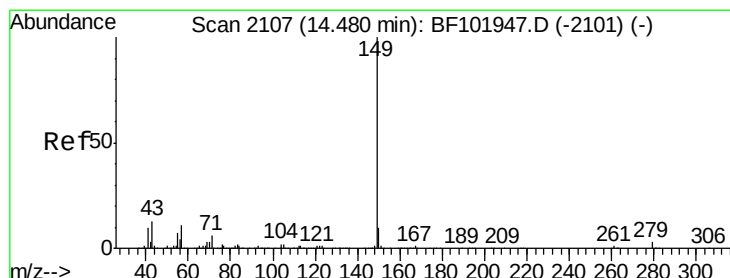
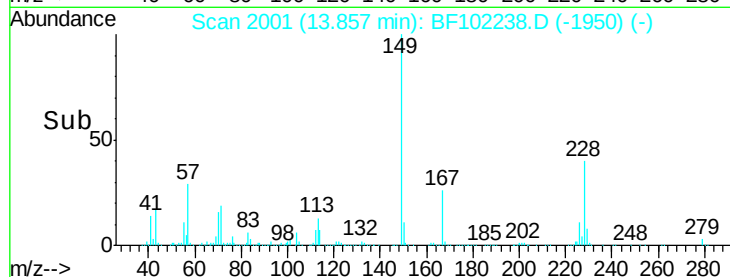
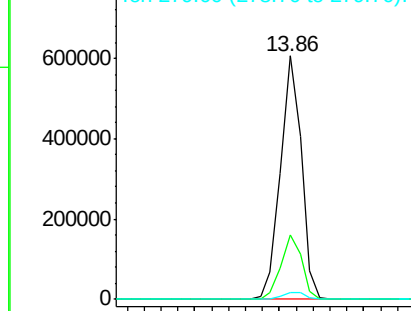
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.634 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF102238.D

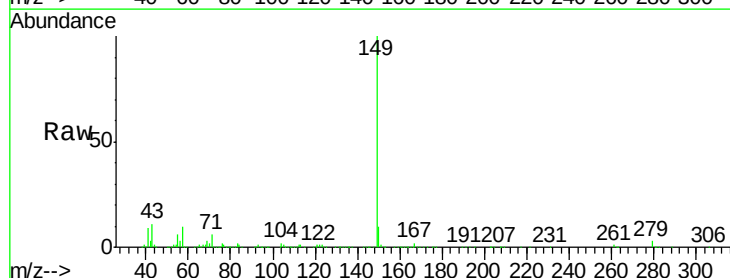
Acq: 20 Jan 2018 1:05

Tgt Ion:149 Resp: 833478
Ion Ratio Lower Upper

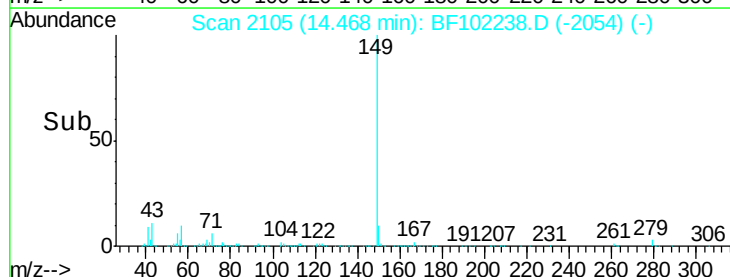
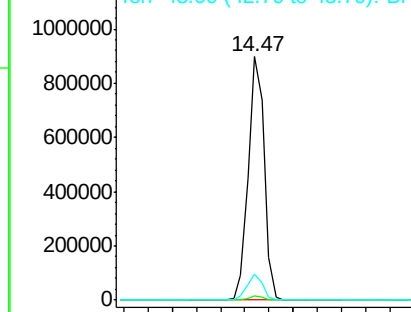
149 100

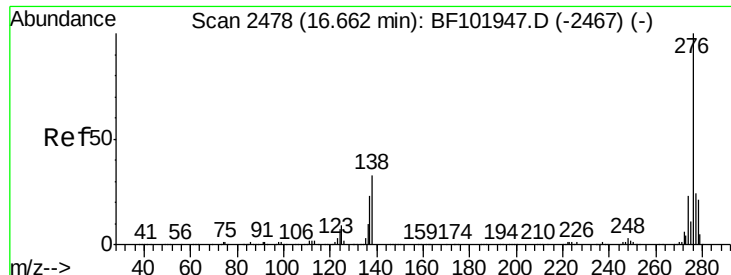
167 1.6 1.2 1.8

43 10.1 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





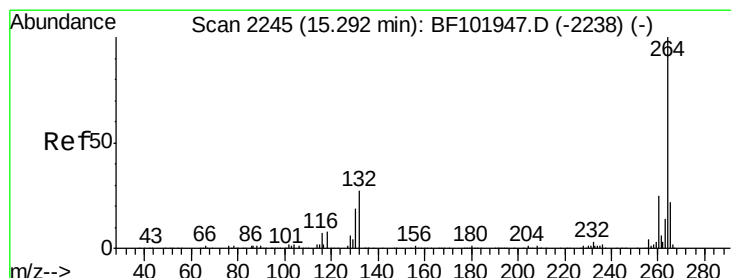
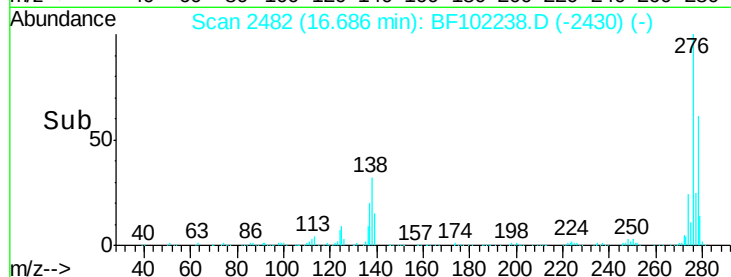
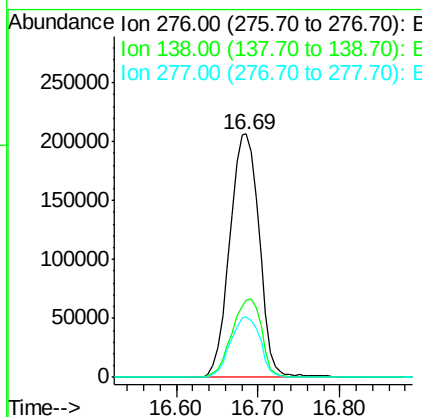
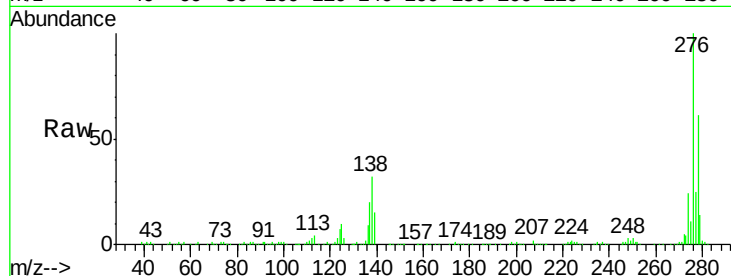
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.341 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampled :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.1	20.1	30.1

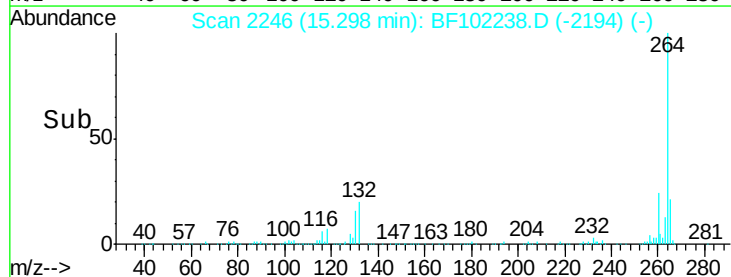
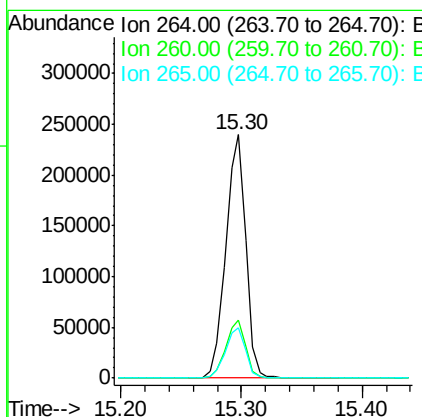
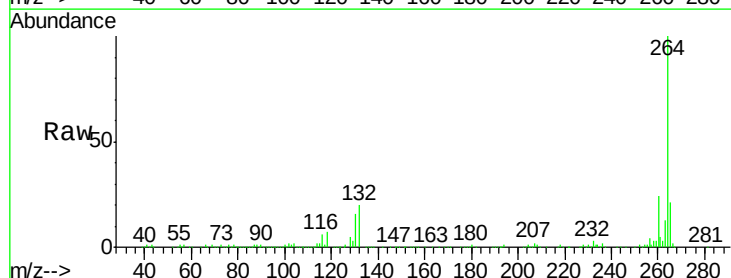
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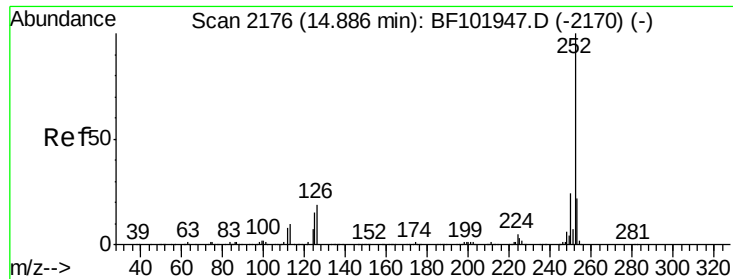
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.5	26.3





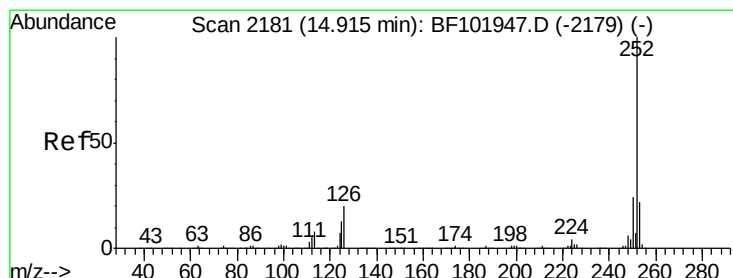
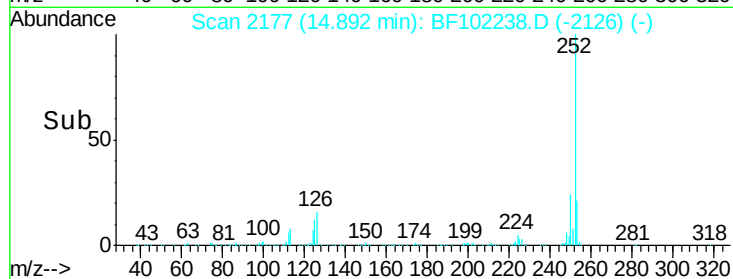
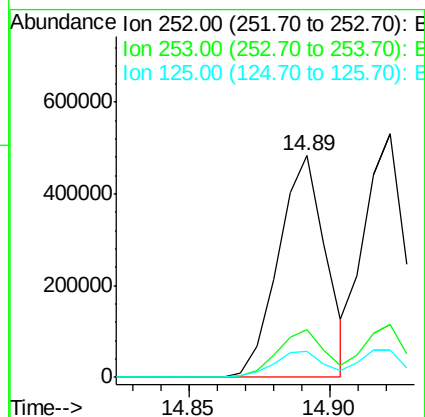
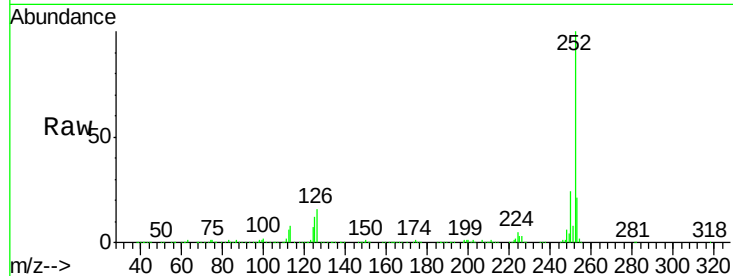
#87
Benzo(b)fluoranthene
Concen: 31.530 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.0	9.0	13.6

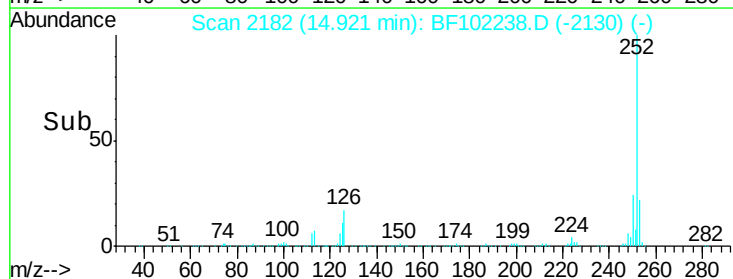
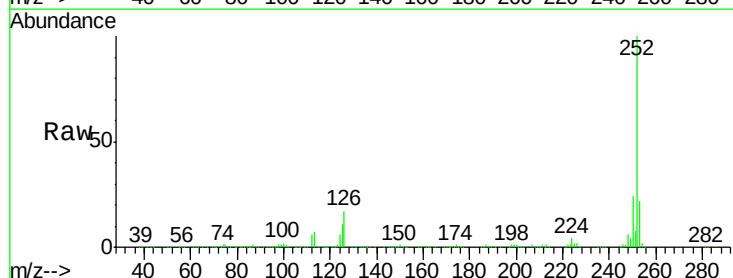
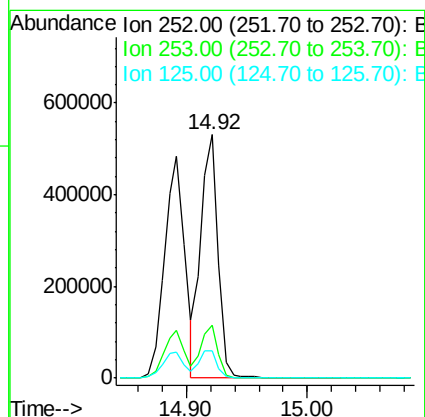
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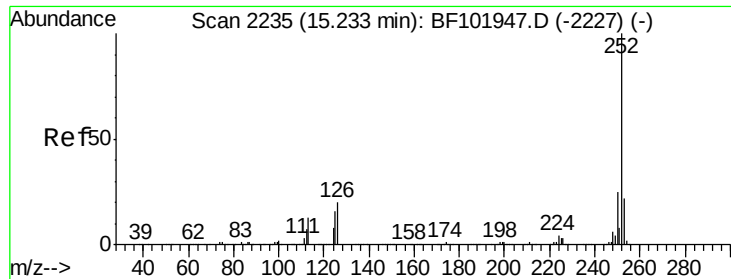
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#88
Benzo(k)fluoranthene
Concen: 30.824 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.4	10.2	15.2





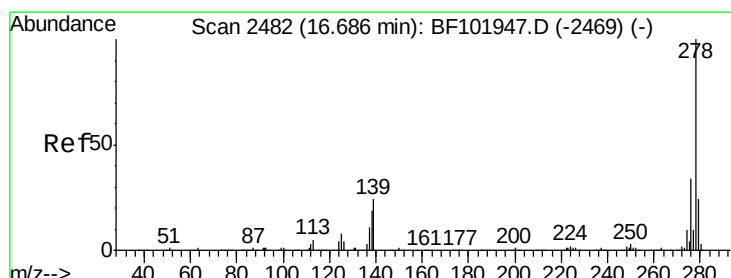
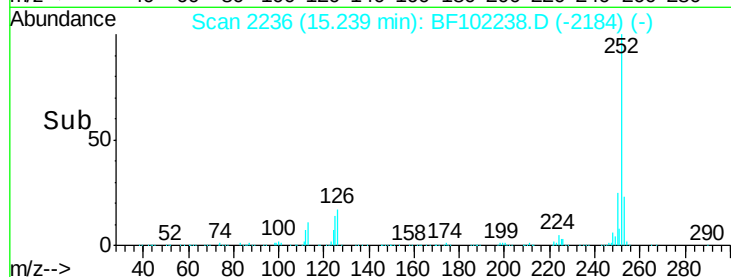
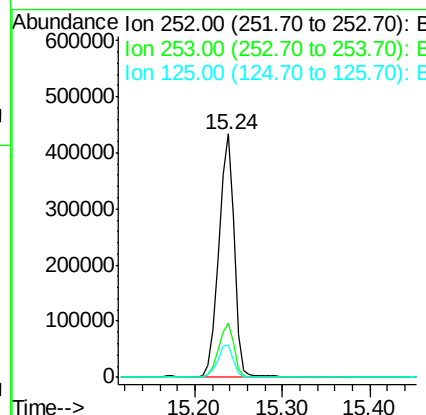
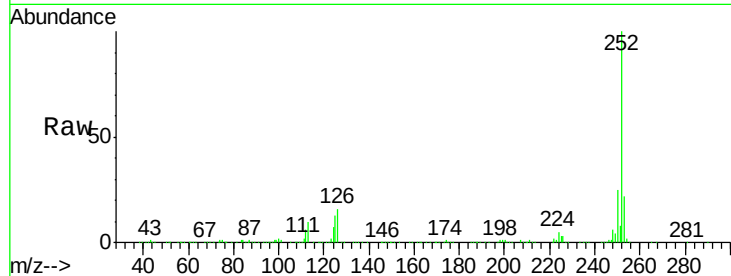
#89
Benzo(a)pyrene
Concen: 33.435 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
3C-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.3	9.8	14.6

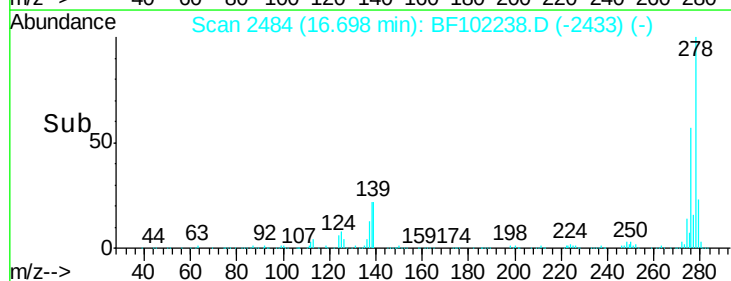
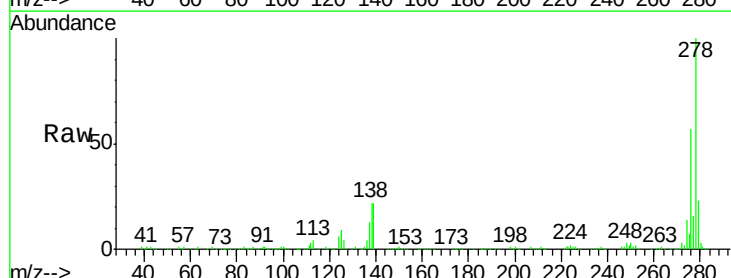
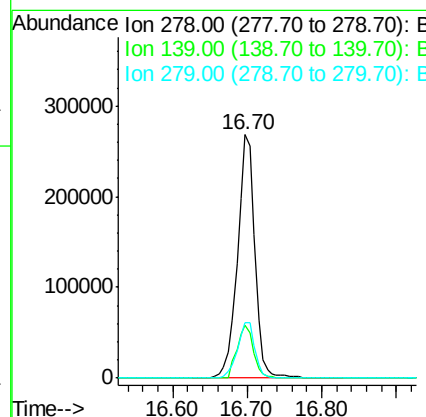
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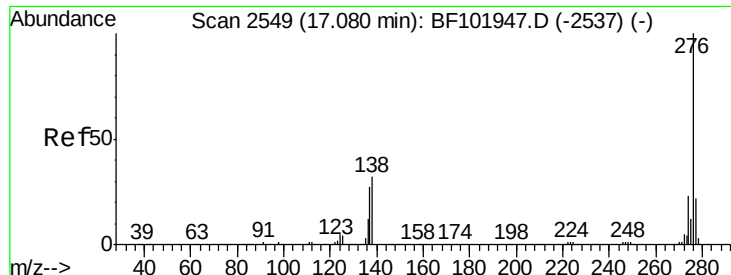
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#90
Dibenzo(a,h)anthracene
Concen: 34.109 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BF102238.D
Acq: 20 Jan 2018 1:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.358 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BF102238.D
 Acq: 20 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MSD

Tot Ion:	276	Resp:	405505
Ion Ratio		Lower	Upper
276	100		
277	23.3	17.9	26.9
138	28.7	21.8	32.8

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