

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102237.D
 Acq On : 20 Jan 2018 00:38
 Operator : SJ/JU
 Sample : J1189-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:24:38 PM

Quant Time: Jan 20 02:28:06 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	139070	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	589398	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	264081	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	437269	20.00	ng	0.00
75) Chrysene-d12	13.88	240	263277	20.00	ng	0.00
86) Perylene-d12	15.30	264	263032	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	887721	90.14	ng	0.00
7) Phenol-d6	6.37	99	1079479	91.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	678161	67.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	242470	105.21	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1167266	69.05	ng	0.00
78) Terphenyl-d14	12.83	244	870721	68.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	121042	24.627	ng	97
3) Pyridine	3.13	79	333437	24.842	ng	98
4) n-Nitrosodimethylamine	3.09	42	169068	30.080	ng	98
6) Aniline	6.39	93	341407	20.617	ng	# 78
8) 2-Chlorophenol	6.51	128	343121	34.738	ng	96
9) Benzaldehyde	6.27	77	227348	27.865	ng	96
10) Phenol	6.38	94	424376	31.958	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	317308	31.394	ng	98
12) 1,3-Dichlorobenzene	6.66	146	351437	30.865	ng	97
13) 1,4-Dichlorobenzene	6.74	146	354039	31.160	ng	99
14) 1,2-Dichlorobenzene	6.89	146	333730	31.734	ng	98
15) Benzyl Alcohol	6.87	79	277085	32.237	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	516543	27.723	ng	97
17) 2-Methylphenol	6.99	107	282320	31.684	ng	97
18) Hexachloroethane	7.23	117	118057	29.507	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	227105	29.493	ng	95
20) 3+4-Methylphenols	7.14	107	340497	31.826	ng	# 78
22) Acetophenone	7.13	105	459585	32.363	ng	# 92
24) Nitrobenzene	7.31	77	346666	32.165	ng	94
25) Isophorone	7.54	82	629869	31.782	ng	99
26) 2-Nitrophenol	7.62	139	189414	41.990	ng	97
27) 2,4-Dimethylphenol	7.66	122	288917	34.294	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	404276	33.785	ng	99
29) 2,4-Dichlorophenol	7.87	162	286509	35.816	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	273442	32.680	ng	97
31) Naphthalene	8.03	128	949834	32.251	ng	100
32) Benzoic acid	7.73	122	15492m	2.425	ng	
33) 4-Chloroaniline	8.08	127	250213	19.905	ng	96
34) Hexachlorobutadiene	8.14	225	143019	32.291	ng	97
35) Caprolactam	8.45	113	98736m	35.954	ng	
36) 4-Chloro-3-methylphenol	8.57	107	307695	35.139	ng	100
37) 2-Methylnaphthalene	8.72	142	646308	33.334	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	253211	33.892	ng	99
40) Hexachlorocyclopentadiene	8.86	237	92168	22.558	ng	98

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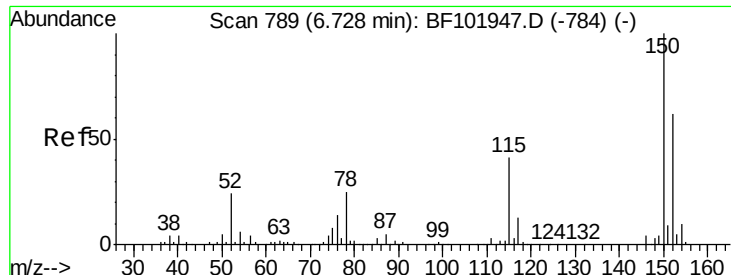
Manual Integrations
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Sohil
 1/22/2018 5:24:38 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	188408	36.596	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	199773	34.332	ng	99
45) 1,1'-Biphenyl	9.18	154	753806	32.294	ng	99
46) 2-Chloronaphthalene	9.20	162	582800	32.198	ng	98
47) 2-Nitroaniline	9.30	65	198044	36.526	ng	97
48) Acenaphthylene	9.62	152	901761	31.392	ng	99
49) Dimethylphthalate	9.49	163	971034	45.837	ng	100
50) 2,6-Dinitrotoluene	9.55	165	159076	37.592	ng	94
51) Acenaphthene	9.79	154	521308	29.900	ng	99
52) 3-Nitroaniline	9.72	138	133563	25.009	ng	93
53) 2,4-Dinitrophenol	9.82	184	21930	20.751	ng	# 18
54) Dibenzofuran	9.96	168	791613	33.082	ng	99
55) 4-Nitrophenol	9.89	139	258694	64.998	ng	95
56) 2,4-Dinitrotoluene	9.95	165	202770	38.230	ng	96
57) Fluorene	10.30	166	603313	36.472	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	151151	36.486	ng	99
59) Diethylphthalate	10.19	149	686472	32.576	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	262583	37.279	ng	99
61) 4-Nitroaniline	10.33	138	160486	31.664	ng	92
62) Azobenzene	10.46	77	632067	30.147	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	52665	25.222	ng	79
65) n-Nitrosodiphenylamine	10.42	169	559983	34.200	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	162667	35.226	ng	98
67) Hexachlorobenzene	10.85	284	168209	33.367	ng	95
68) Atrazine	10.95	200	174706	36.920	ng	98
69) Pentachlorophenol	11.05	266	160737	52.288	ng	99
70) Phenanthrene	11.27	178	816750	31.976	ng	99
71) Anthracene	11.32	178	844020	32.582	ng	100
72) Carbazole	11.47	167	799253	31.390	ng	100
73) Di-n-butylphthalate	11.80	149	1065144	34.098	ng	100
74) Fluoranthene	12.45	202	736386	29.303	ng	98
76) Benzidine	12.58	184	411618	32.377	ng	97
77) Pyrene	12.68	202	712808	30.629	ng	99
79) Butylbenzylphthalate	13.30	149	376989	35.298	ng	100
80) Benzo(a)anthracene	13.87	228	522775	31.122	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	192849	31.006	ng	96
82) Chrysene	13.90	228	525917	30.026	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	495775	40.466	ng	# 98
84) Di-n-octyl phthalate	14.47	149	790590	38.886	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	496074	38.913	ng	98
87) Benzo(b)fluoranthene	14.89	252	528848	30.836	ng	98
88) Benzo(k)fluoranthene	14.92	252	507160	30.654	ng	100
89) Benzo(a)pyrene	15.24	252	506152	32.796	ng	97
90) Dibenzo(a,h)anthracene	16.70	278	419730	34.080	ng	99
91) Benzo(g,h,i)perylene	17.10	276	397216	32.017	ng	98

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



#1

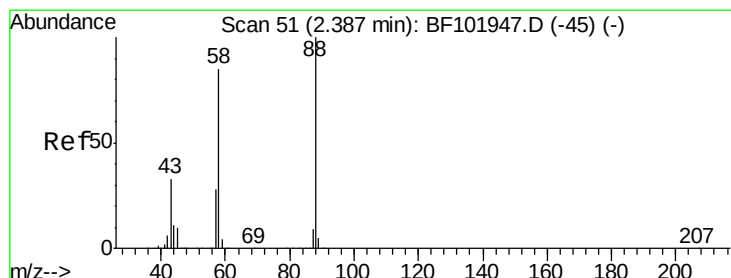
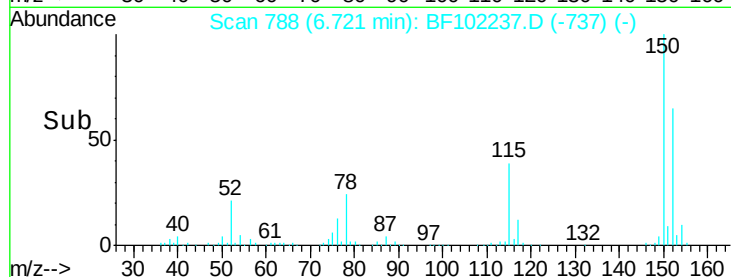
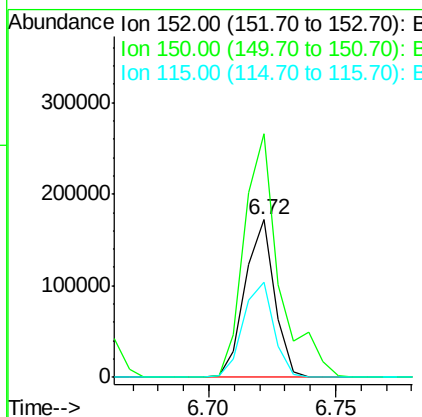
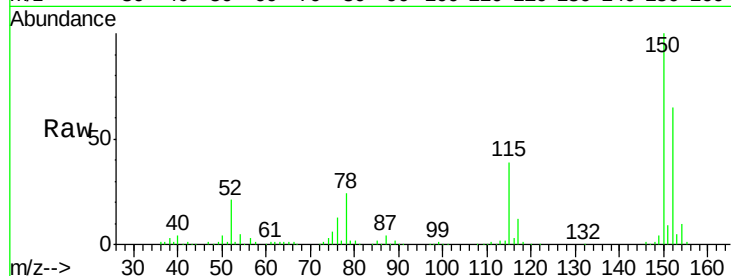
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.7	50.1	75.1

Manual Integrations
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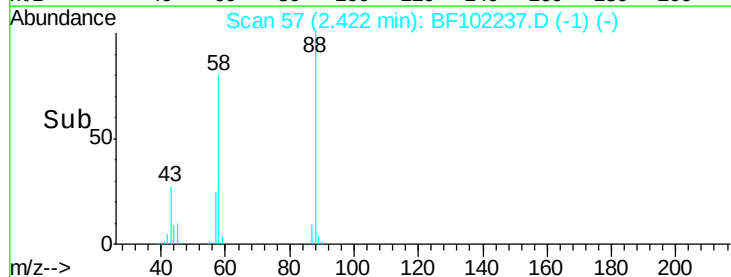
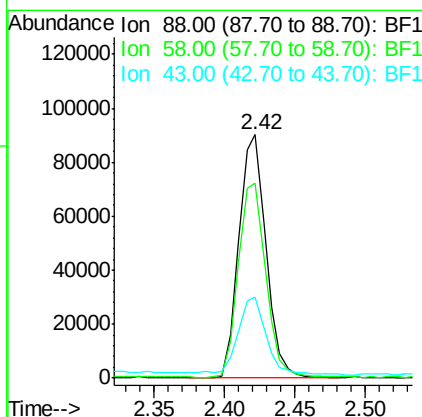
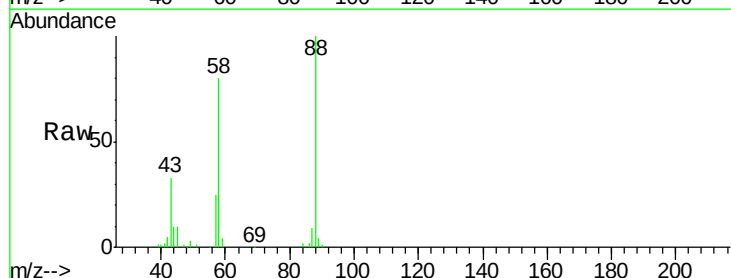
Sohil
1/22/2018 5:24:38 PM

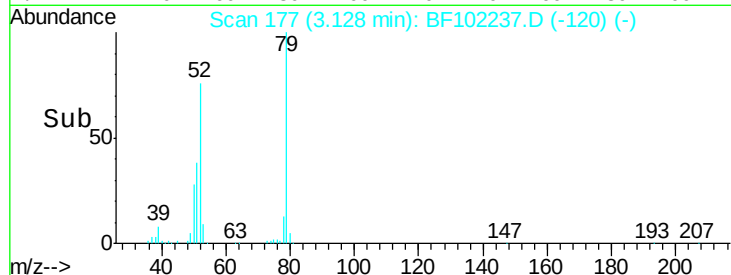
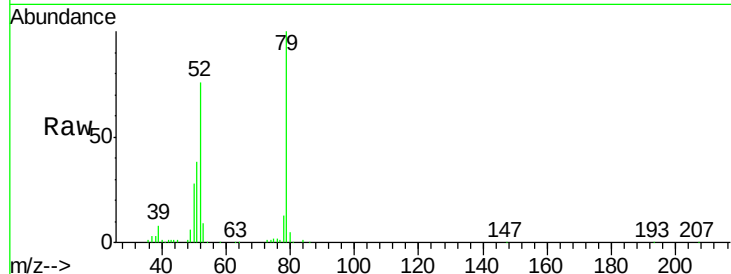
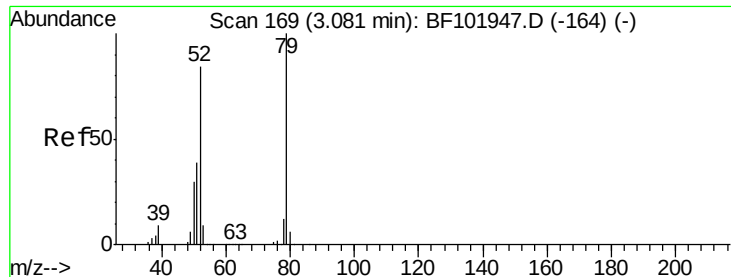


#2

1,4-Dioxane
Concen: 24.627 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.04 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	62.6	93.8
43	31.5	24.6	37.0





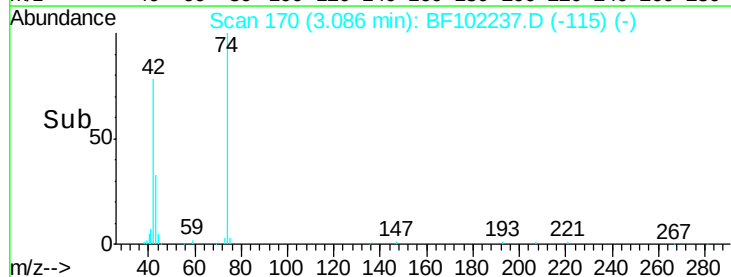
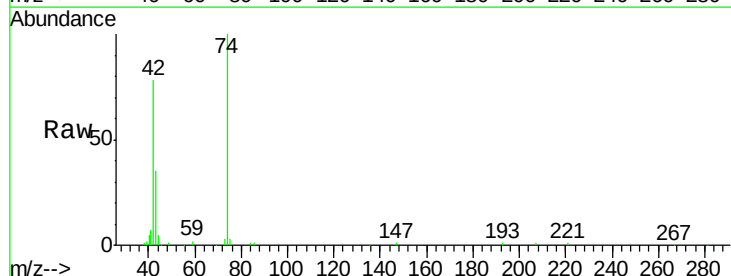
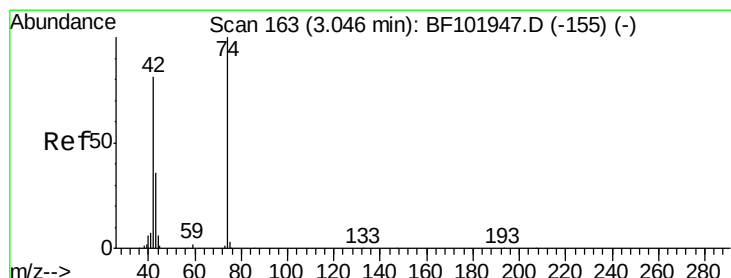
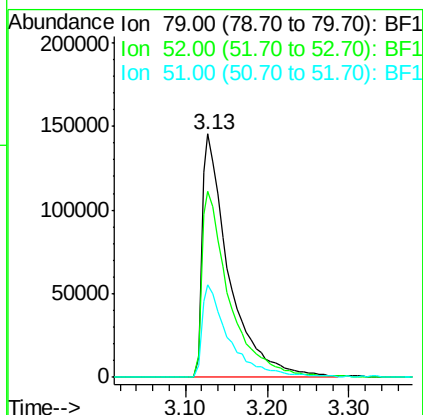
#3
 Pvridine
 Concen: 24.842 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.04 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.4	59.8	89.6
51	38.0	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

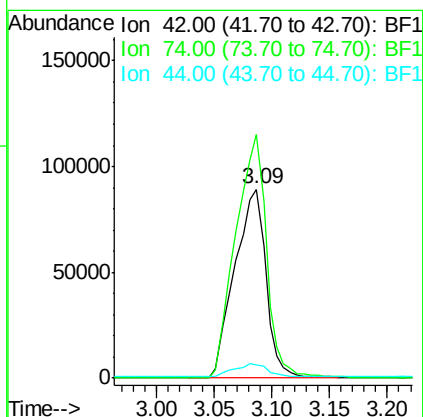
Manual Integrations
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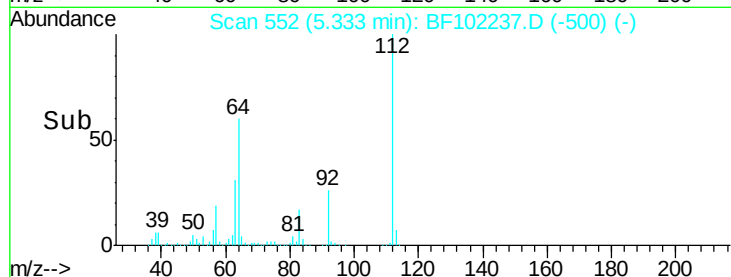
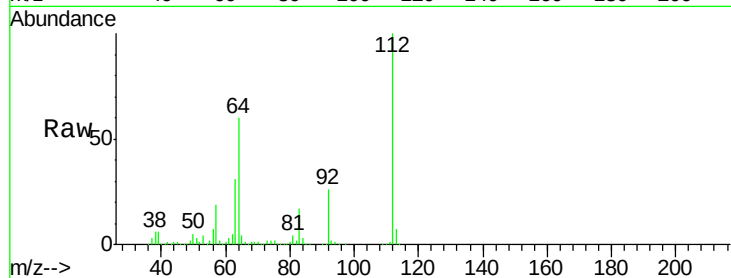
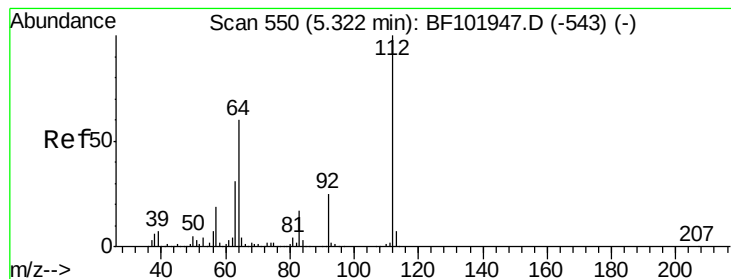
Sohil
 1/22/2018 5:24:38 PM



#4
 n-Nitrosodimethylamine
 Concen: 30.080 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.8	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 90.137 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		887721		
64	60.1		47.9	71.9	
63	30.9		23.7	35.5	

Instrument :

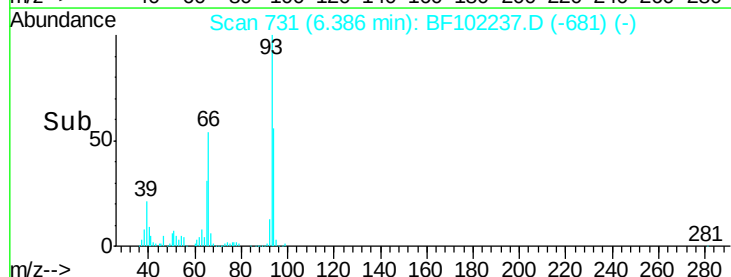
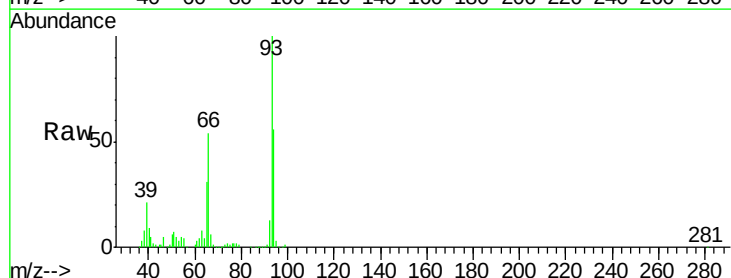
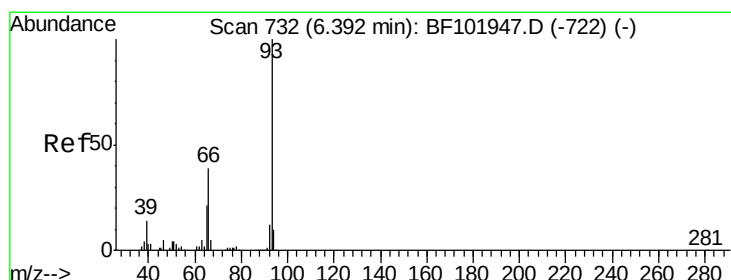
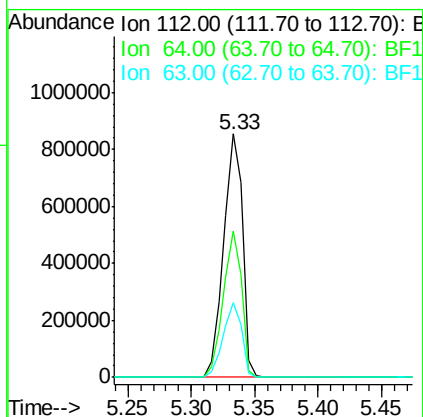
BNA_F

ClientSampled :

3C-11MS

Manual Integrations
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#6

Aniline

Concen: 20.617 ng

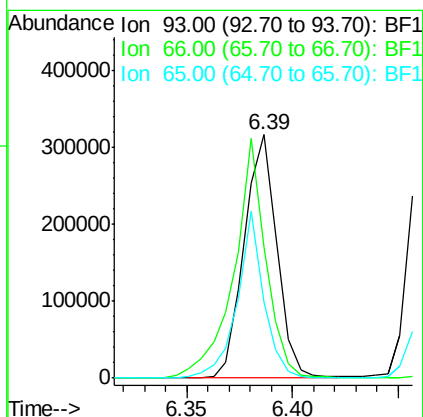
RT: 6.39 min Scan# 731

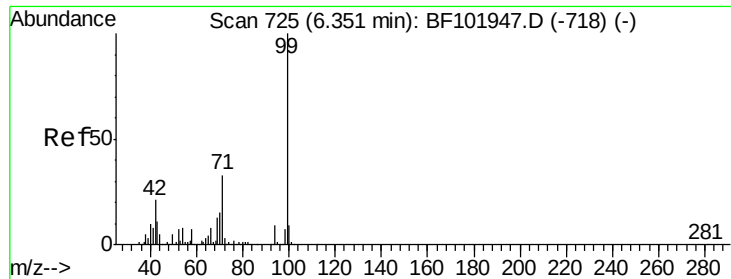
Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		341407		
66	53.9		32.2	48.2#	
65	31.2		16.4	24.6#	





#7

Phenol-d6

Concen: 91.868 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

3C-11MS

Tot Ion: 99 Resp: 1079479

Ion Ratio Lower Upper

99 100

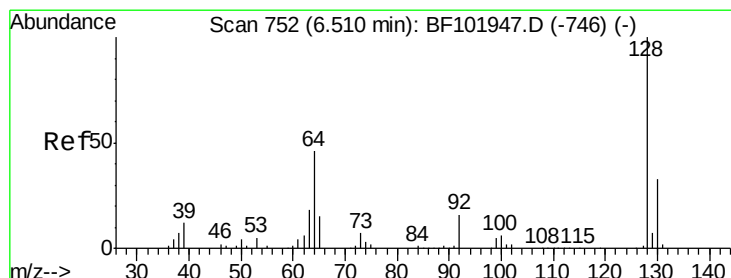
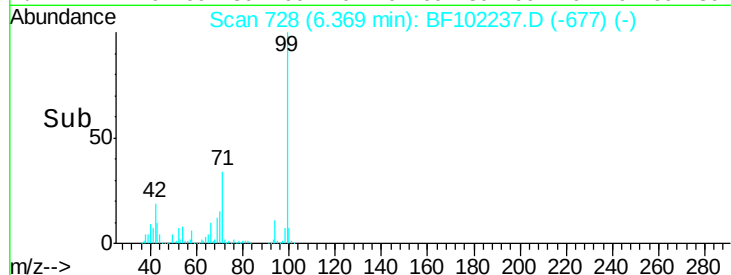
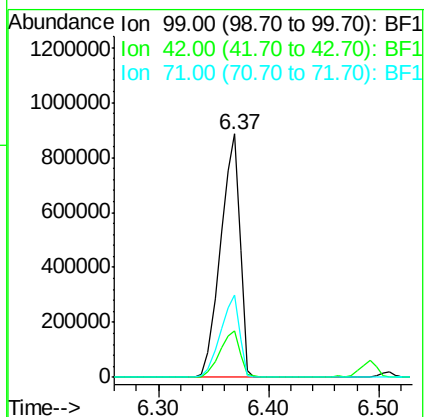
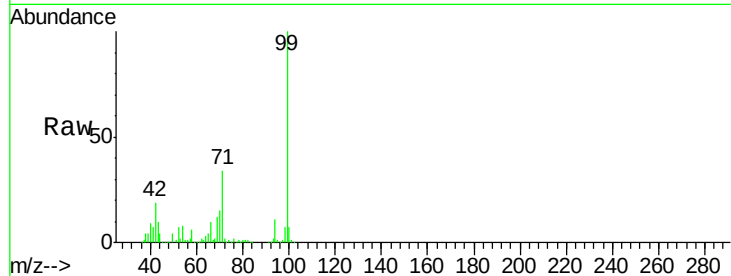
42 18.9 14.5 21.7

71 33.7 25.4 38.0

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#8

2-Chlorophenol

Concen: 34.738 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

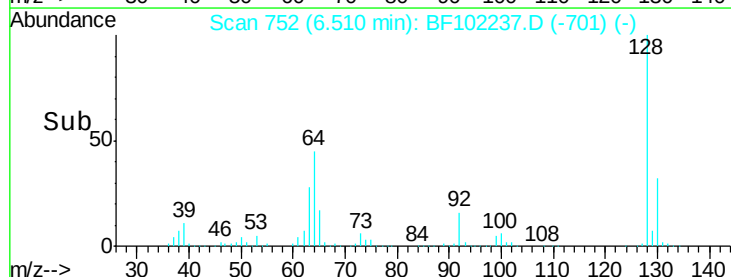
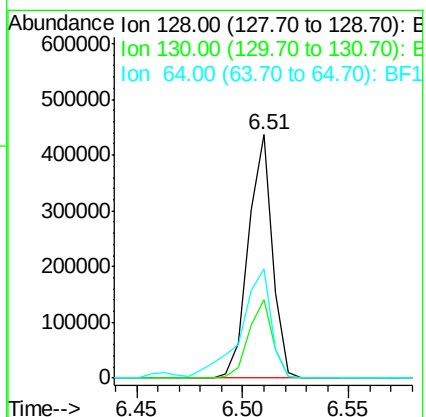
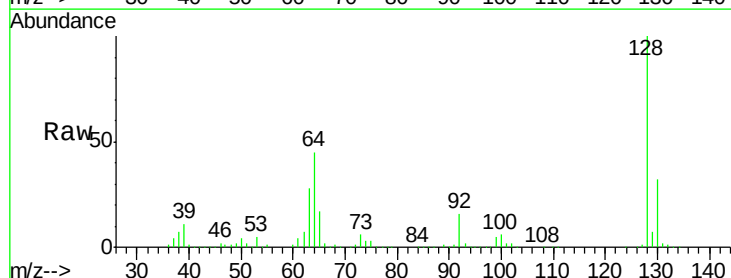
Tgt Ion: 128 Resp: 343121

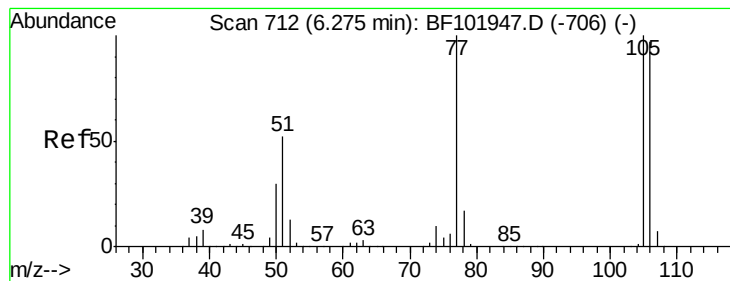
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 27.865 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

3C-11MS

Tot Ion: 77 Resp: 227348

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

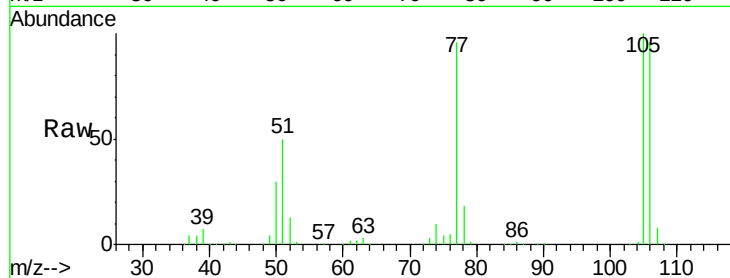
106 99.2 74.5 114.5

Manual Integrations

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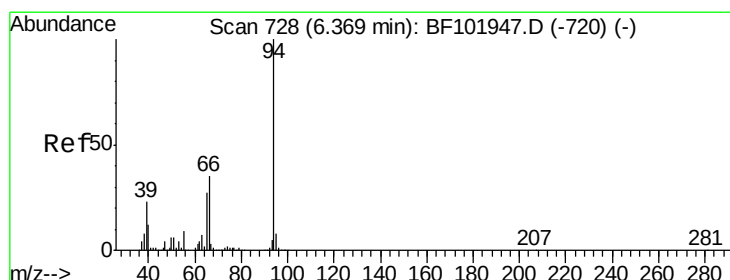
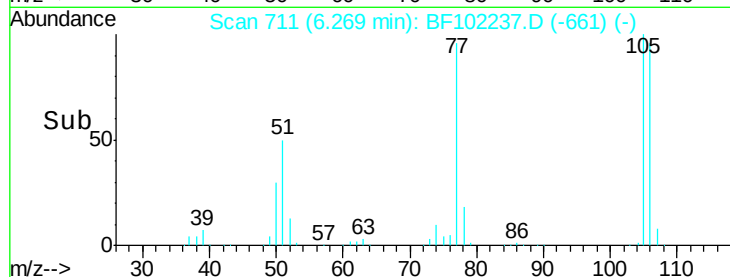
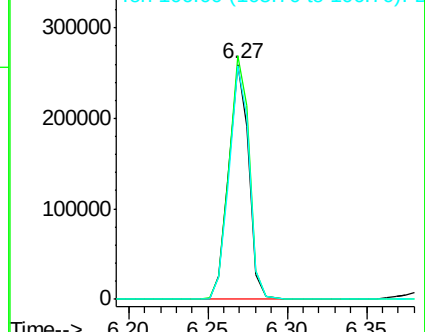
1/22/2018 5:24:38 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.958 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

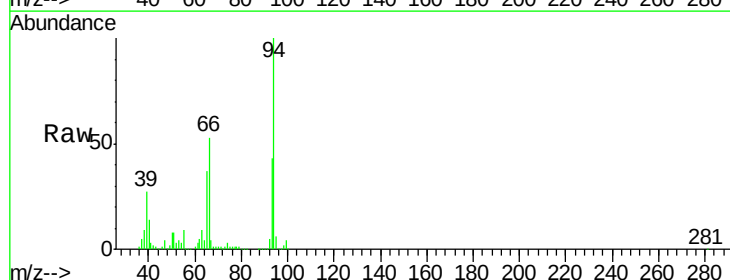
Tgt Ion: 94 Resp: 424376

Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

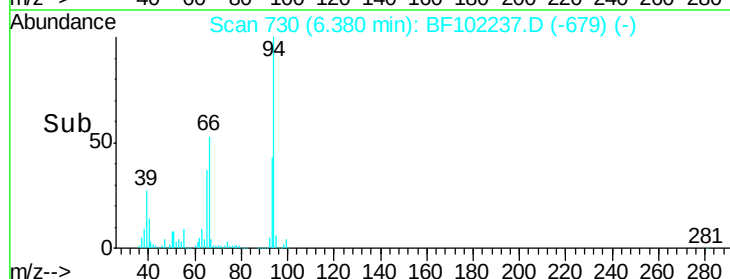
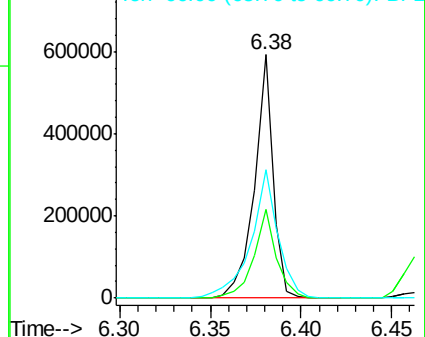
66 52.5 16.2 56.2

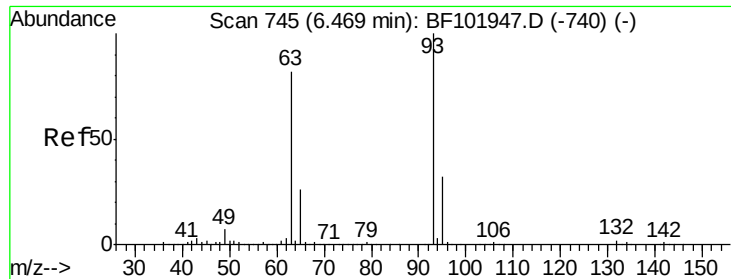


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.394 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

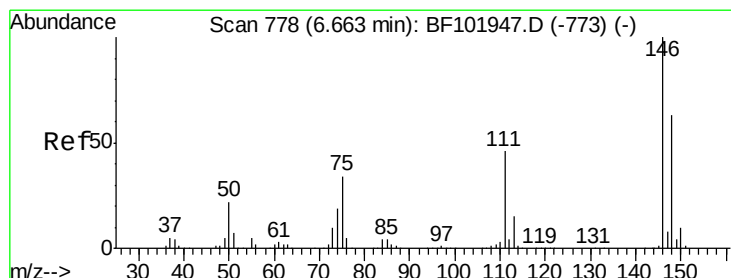
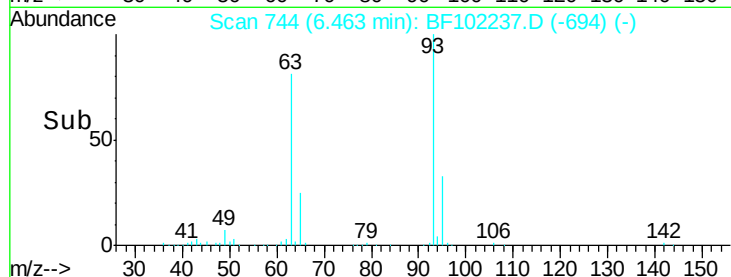
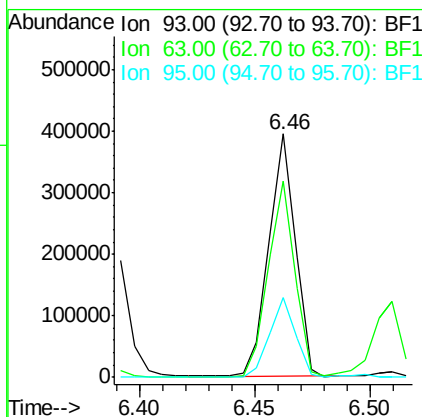
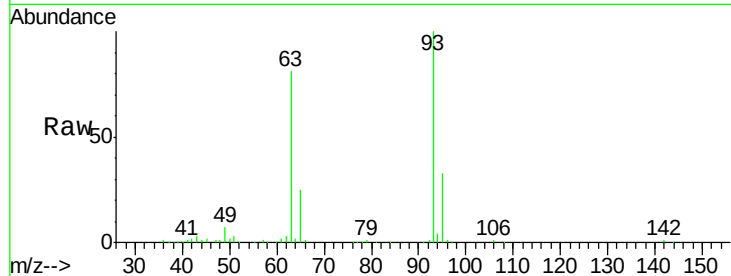
ClientSampled :

3C-11MS

Tot Ion:	93	Resp:	317308
Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 30.865 ng

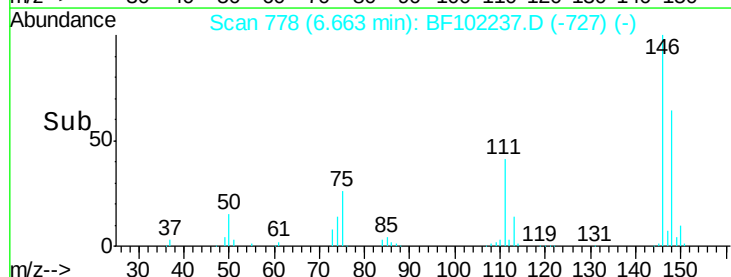
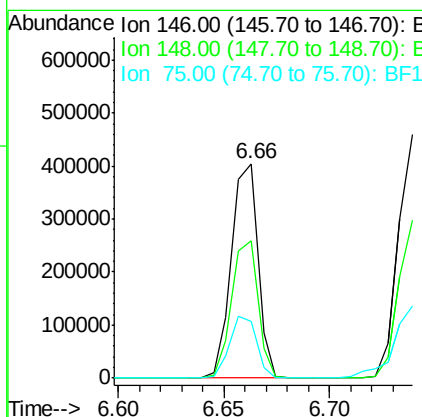
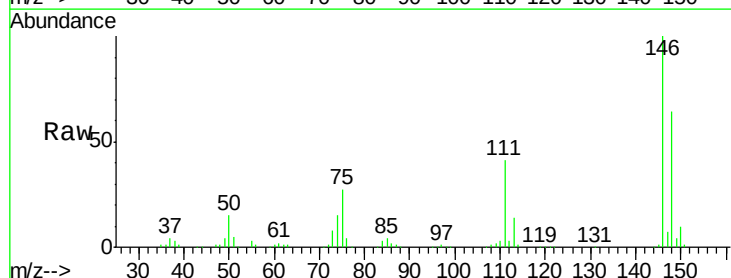
RT: 6.66 min Scan# 778

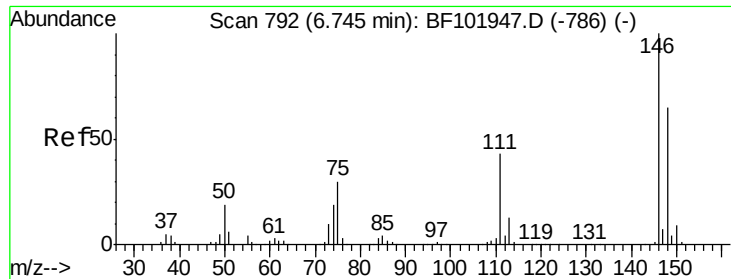
Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	146	Resp:	351437
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	26.5	24.2	36.4





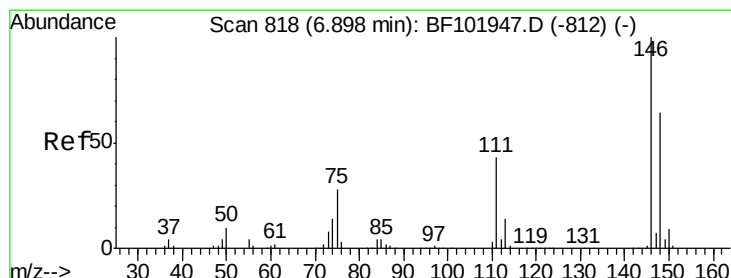
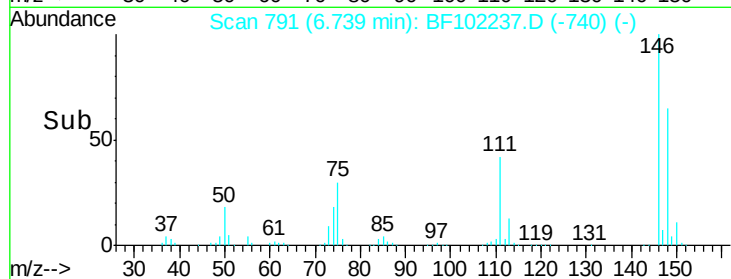
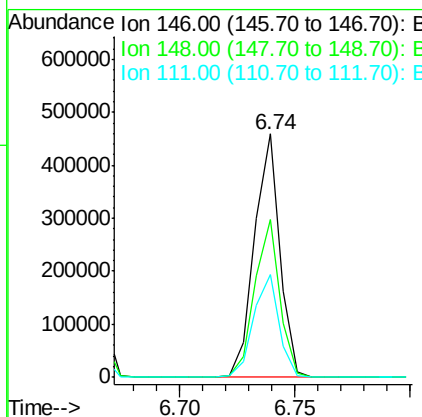
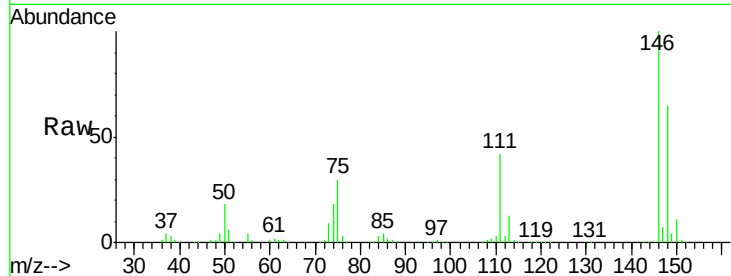
#13
 1,4-Dichlorobenzene
 Concen: 31.160 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :
 3C-11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.5	34.2	51.2

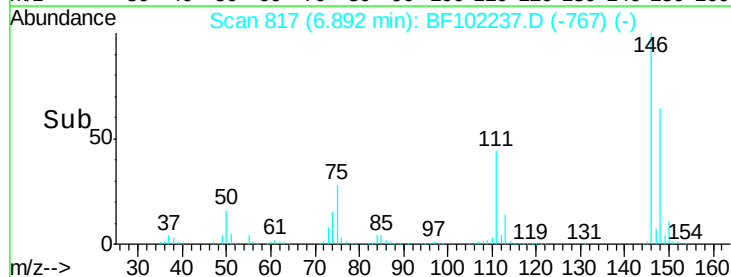
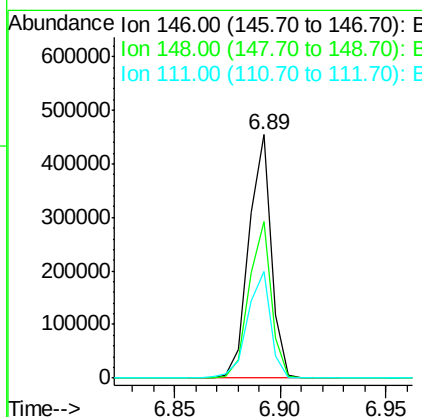
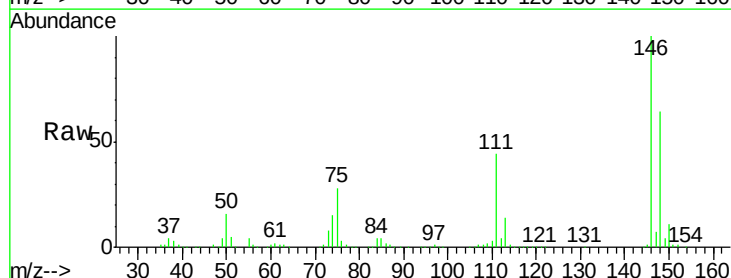
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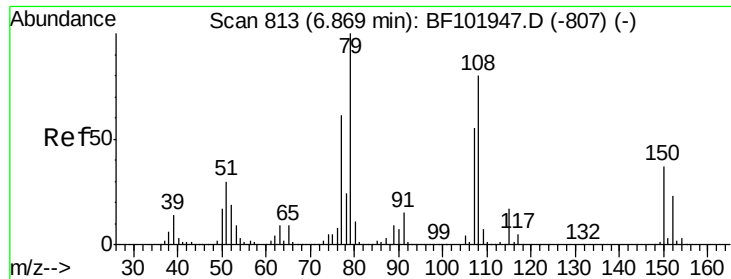
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#14
 1,2-Dichlorobenzene
 Concen: 31.734 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	44.0	36.0	54.0





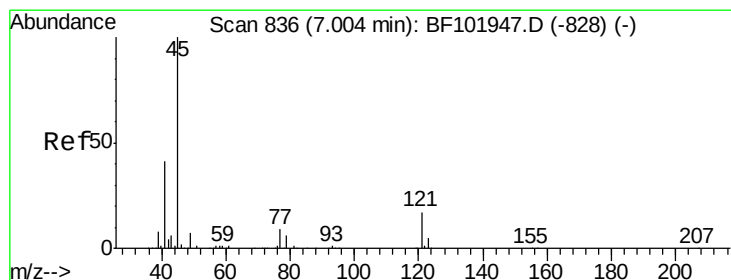
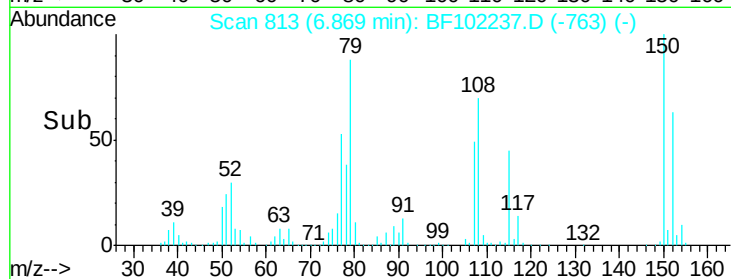
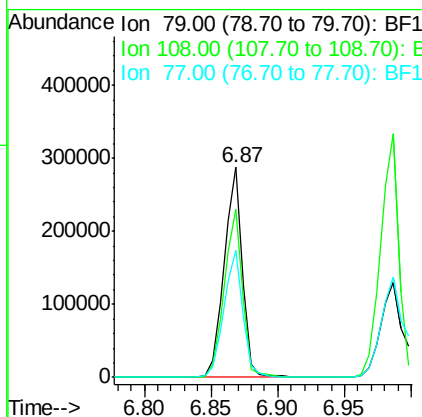
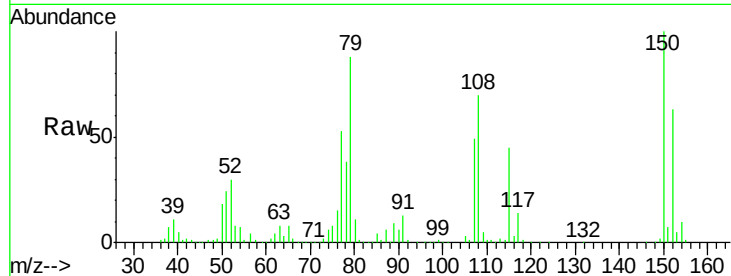
#15
Benzyl Alcohol
Concen: 32.237 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	65.1	97.7
77	60.5	50.6	75.8

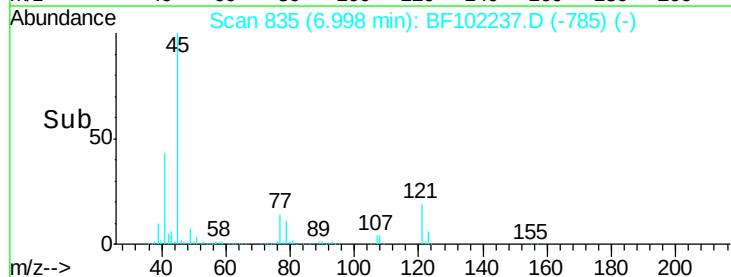
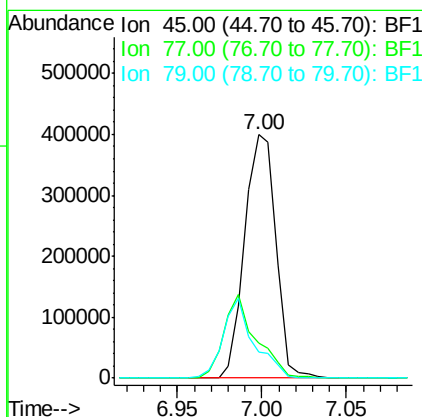
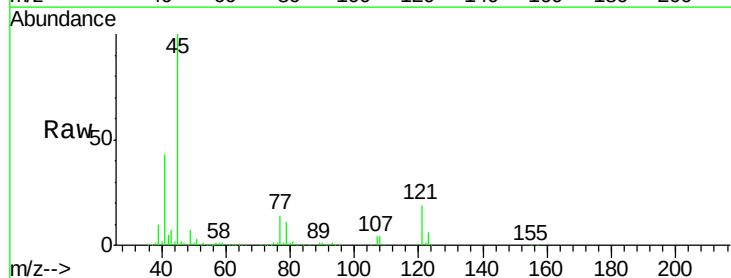
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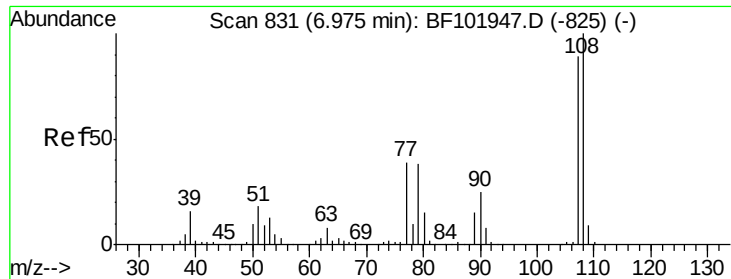
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.723 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	32.9
79	10.8	0.0	29.6





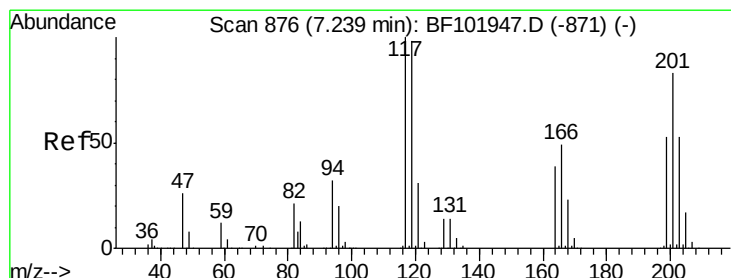
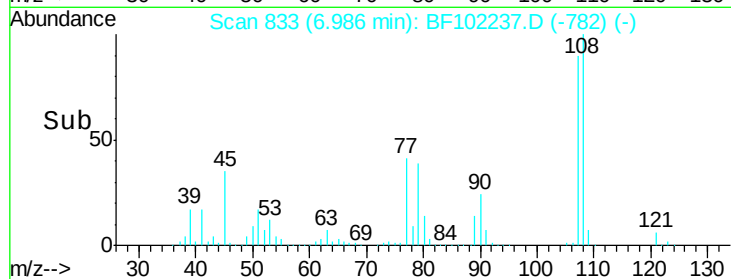
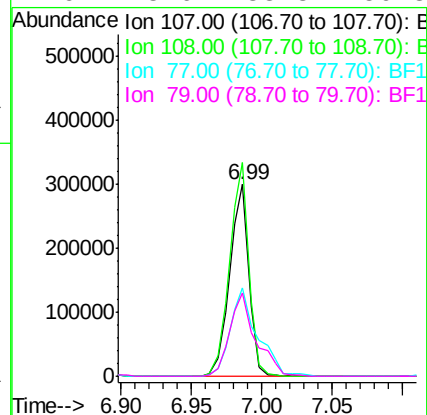
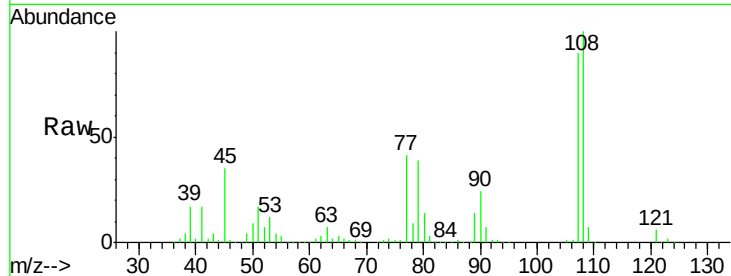
#17
2-Methylphenol
Concen: 31.684 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.7	137.5	
77	45.9	33.8	50.8	
79	43.6	33.8	50.8	

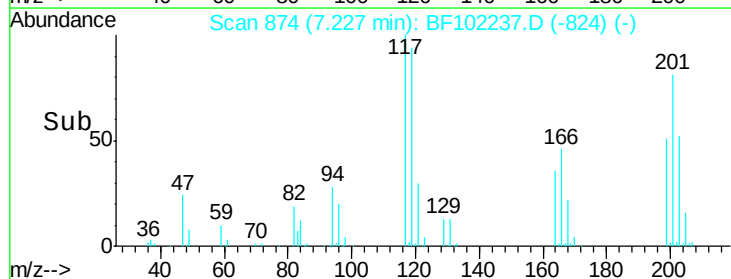
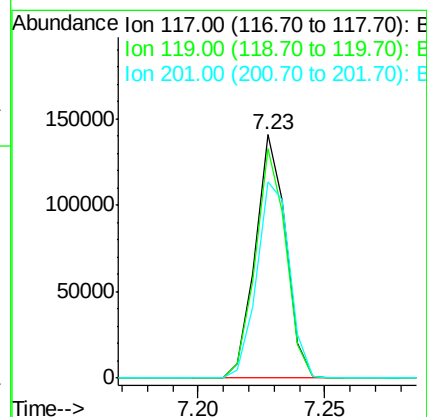
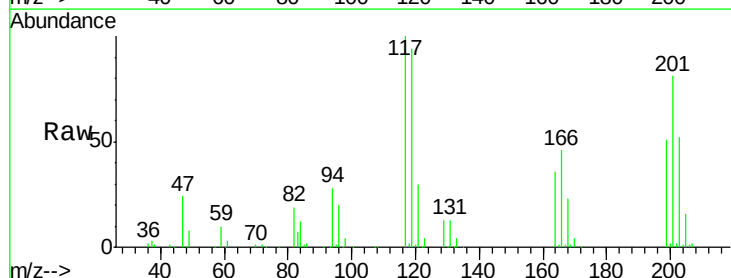
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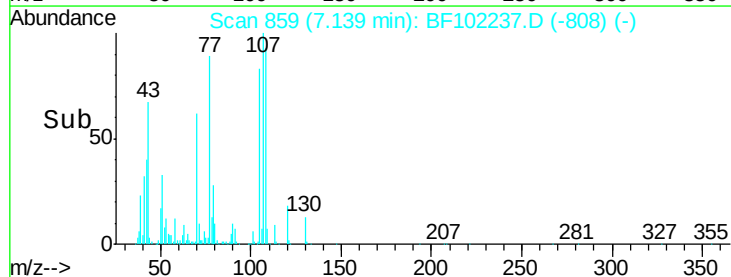
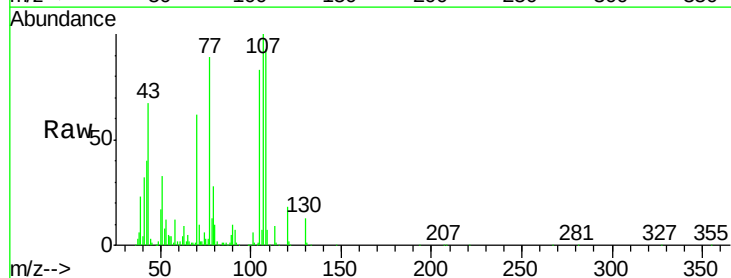
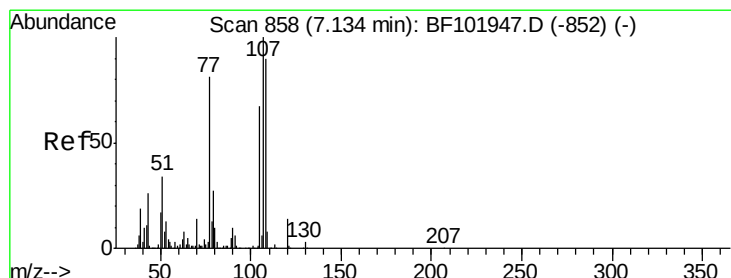
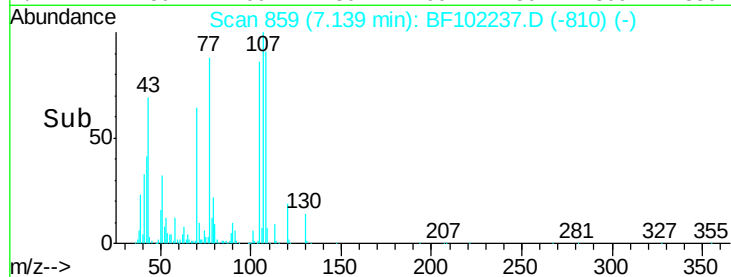
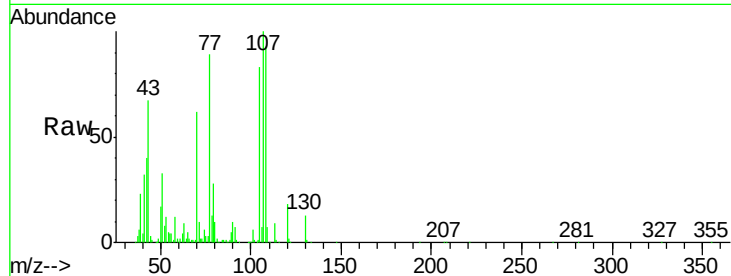
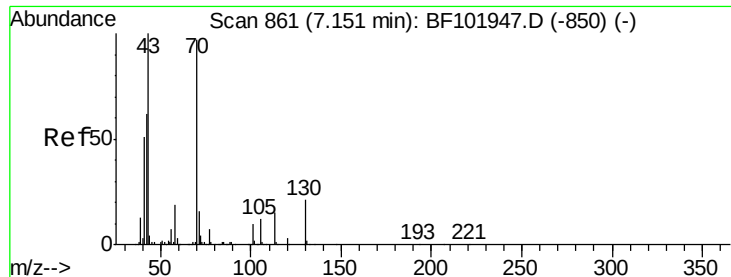
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#18
Hexachloroethane
Concen: 29.507 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

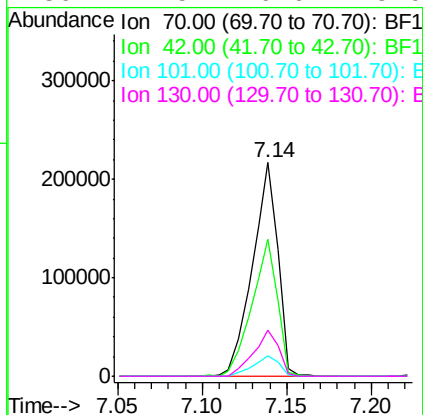
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.8	113.8	
201	80.8	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 29.493 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.1		47.5	71.3	
101	9.7		7.4	11.2	
130	21.5		16.6	25.0	



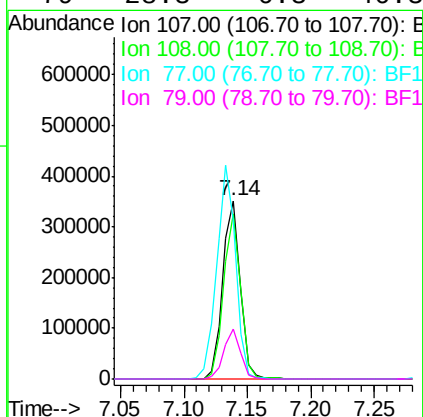
Instrument :
BNA_F
ClientSampleId :
3C-11MS

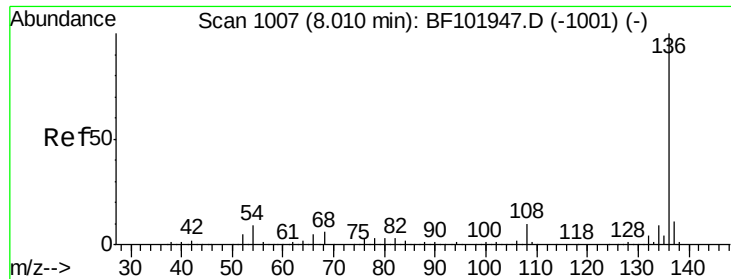
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#20
3+4-Methylphenols
Concen: 31.826 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.7		68.2	108.2	
77	89.0		26.7	66.7#	
79	28.3		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: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

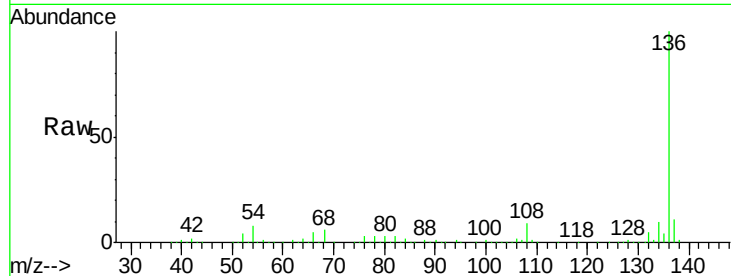
ClientSampled :

3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	589398		
137	11.1		8.9	13.3
54	7.9		6.6	9.8
68	5.7		5.0	7.4

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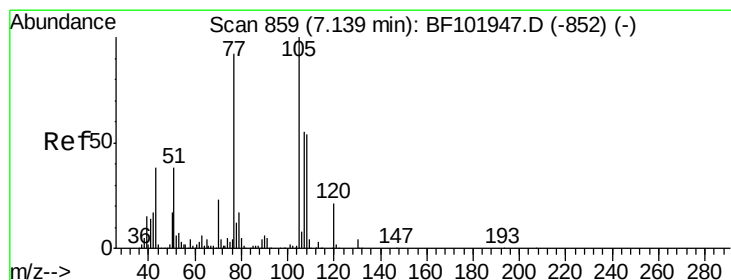
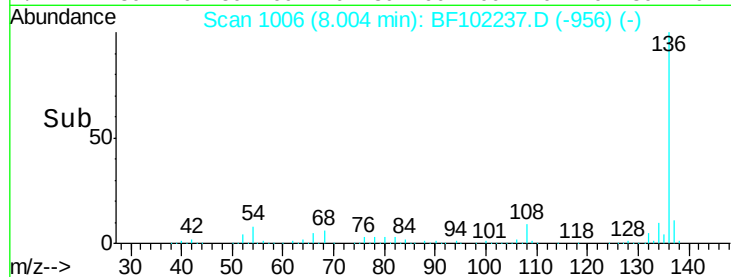
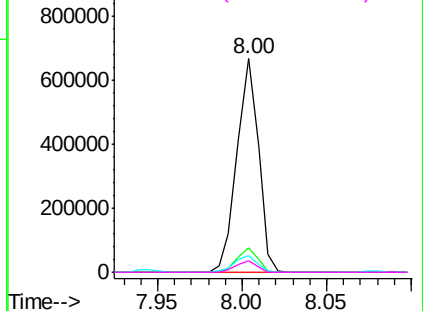
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.363 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	459585		
71	5.4		4.4	6.6
51	35.4		22.3	33.5
120	21.8		16.9	25.3

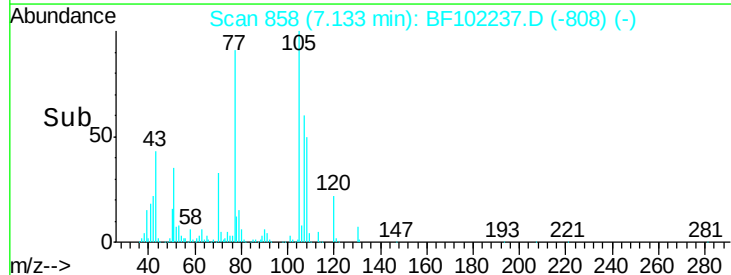
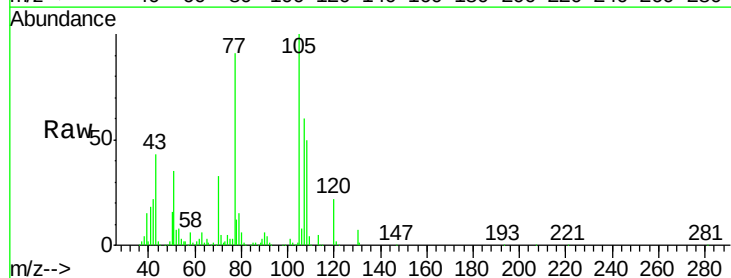
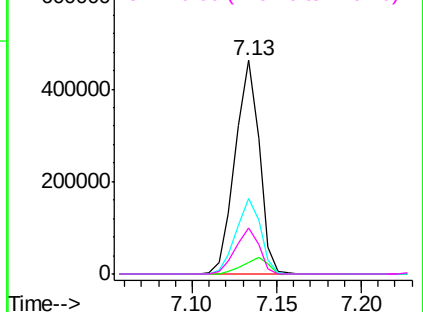
Abundance

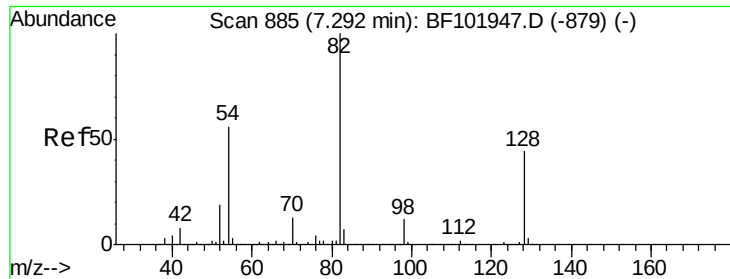
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





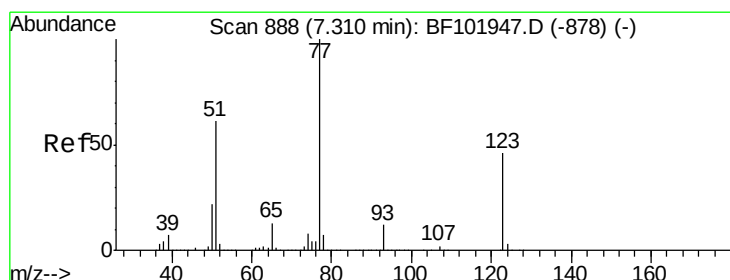
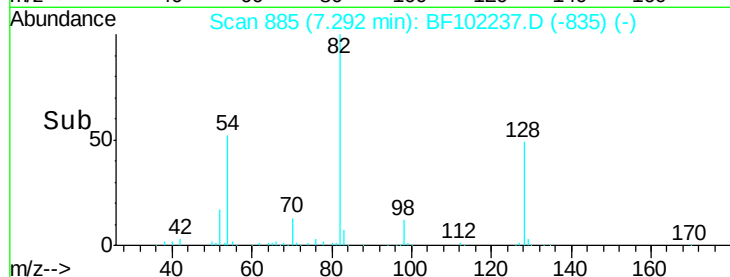
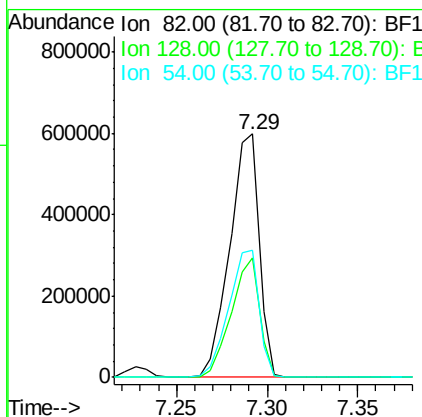
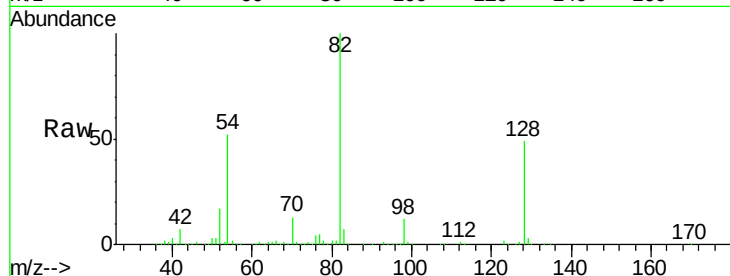
#23
 Nitrobenzene-d5
 Concen: 67.614 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	82	Resp	678161
Ion Ratio	100	Lower	Upper
128	49.1	36.1	54.1
54	52.3	41.4	62.2

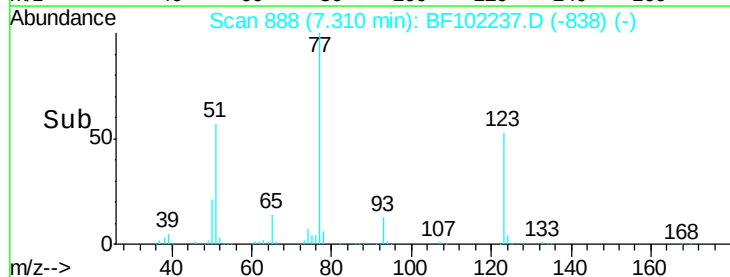
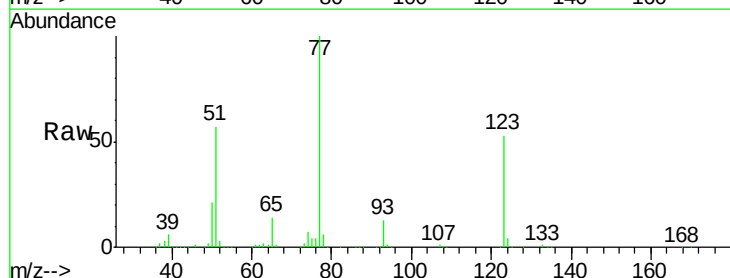
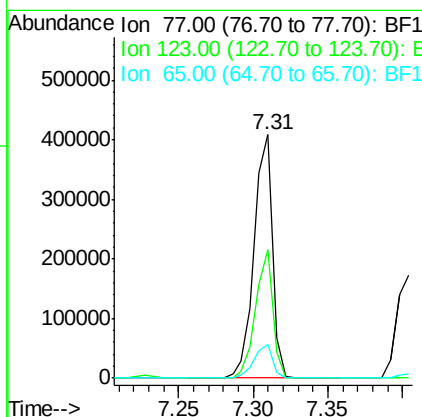
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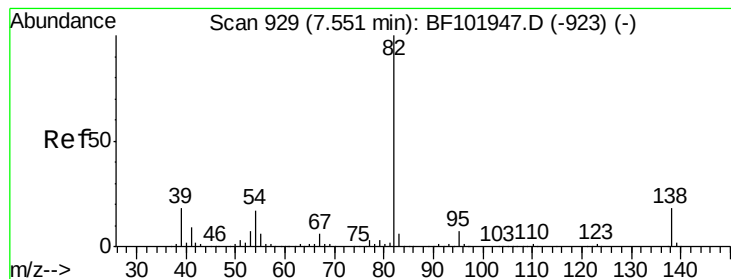
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#24
 Nitrobenzene
 Concen: 32.165 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	77	Resp	346666
Ion Ratio	100	Lower	Upper
123	52.5	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 31.782 ng

RT: 7.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

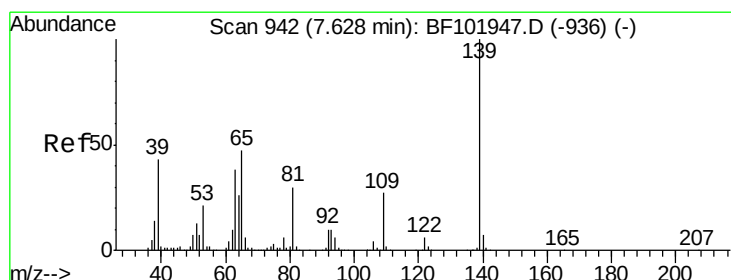
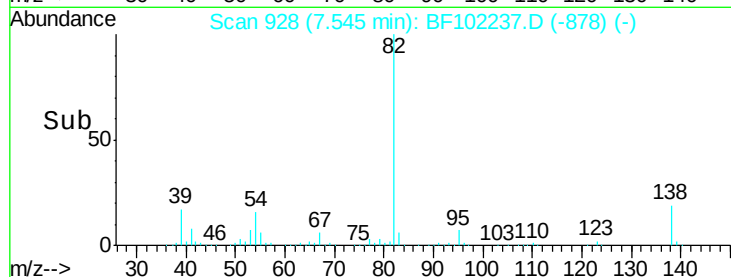
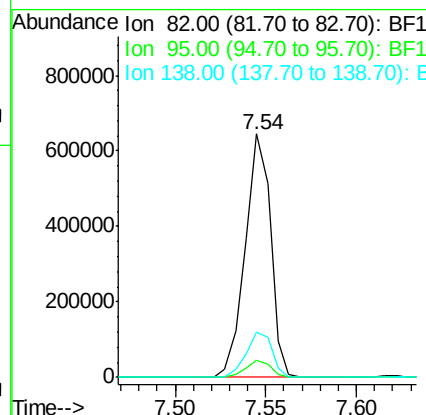
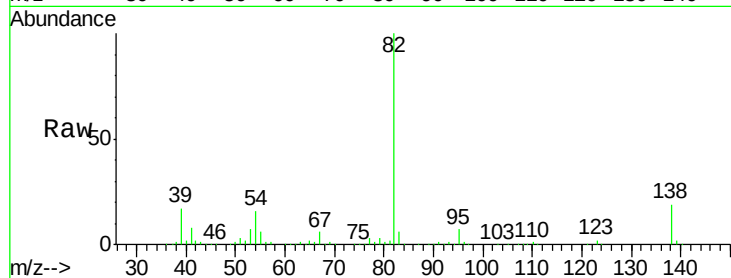
ClientSampleId :

3C-11MS

Tot Ion:	82	Resp:	629869
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.990 ng

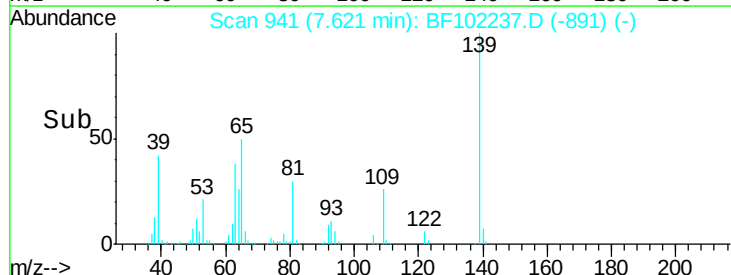
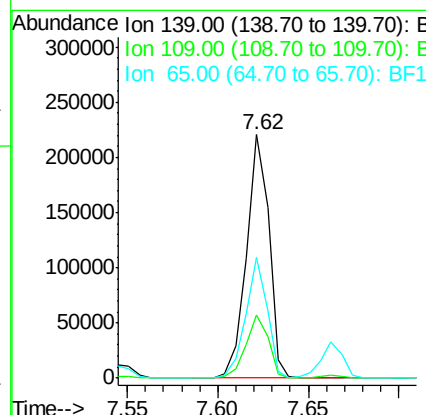
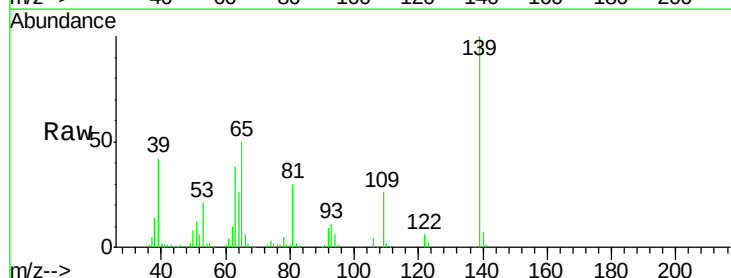
RT: 7.62 min Scan# 941

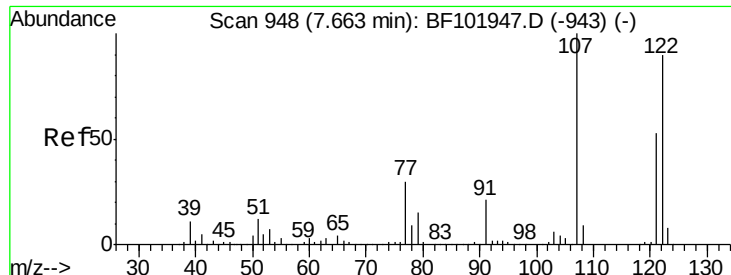
Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	139	Resp:	189414
Ion	Ratio	Lower	Upper
139	100		
109	25.7	22.7	34.1
65	49.7	40.5	60.7





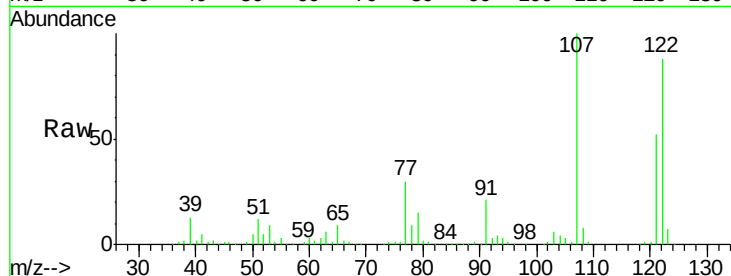
#27
 2,4-Dimethylphenol
 Concen: 34.294 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :
 3C-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		288917		
107	114.1	91.2	136.8		
121	59.3	47.2	70.8		

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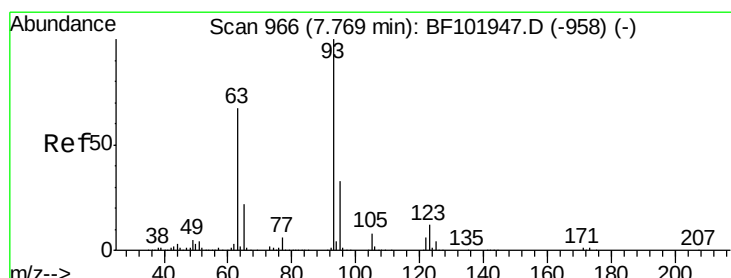
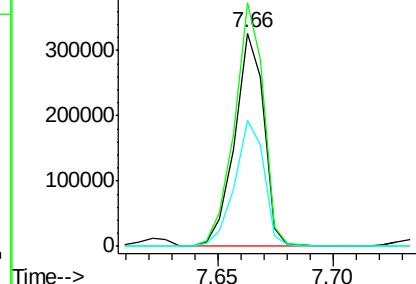
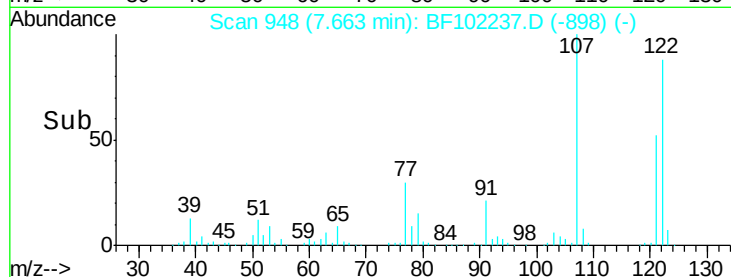


Abundance

Ion 122.00 (121.70 to 122.70): E

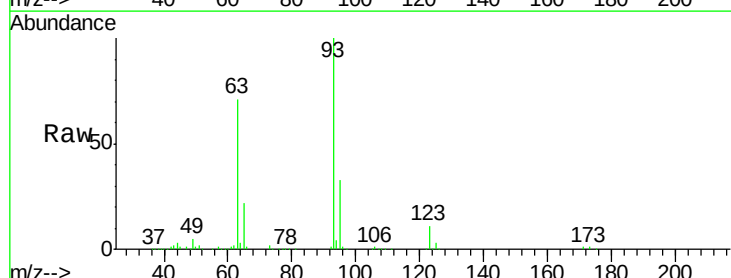
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.785 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		404276		
95	32.6	26.3	39.5		
123	11.0	9.8	14.6		

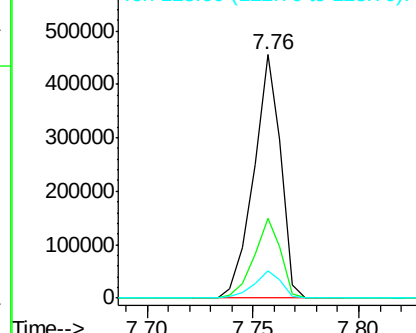
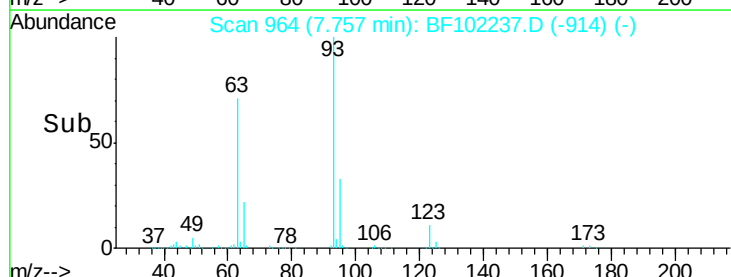


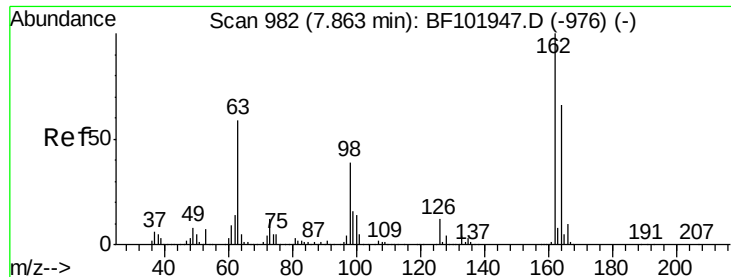
Abundance

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





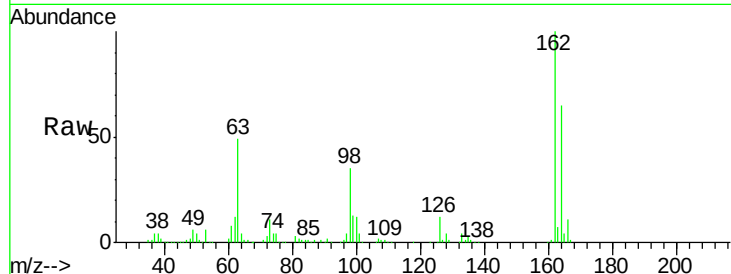
#29
2,4-Dichlorophenol
Concen: 35.816 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	286509		
164	65.2	42.7	82.7	
98	34.6	18.1	58.1	

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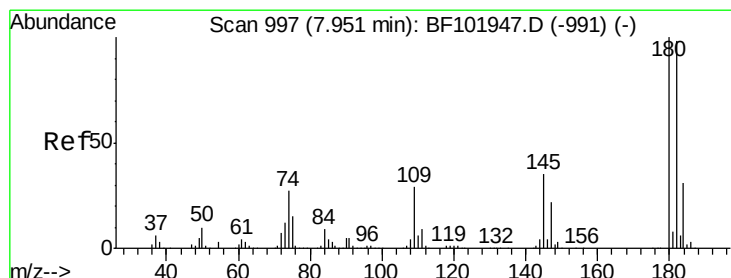
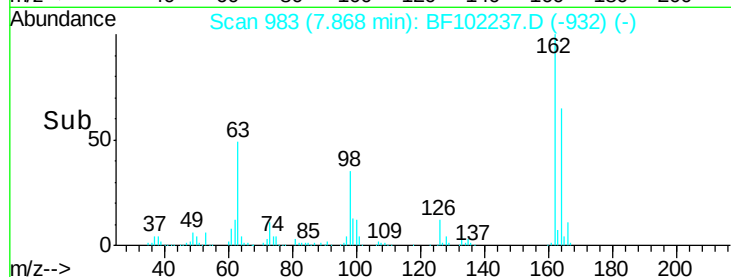
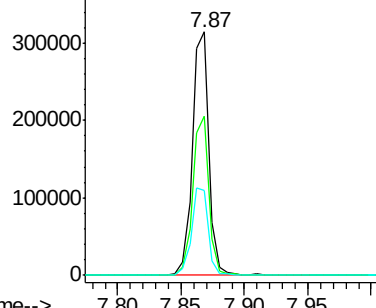


Abundance

Ion 162.00 (161.70 to 162.70): E

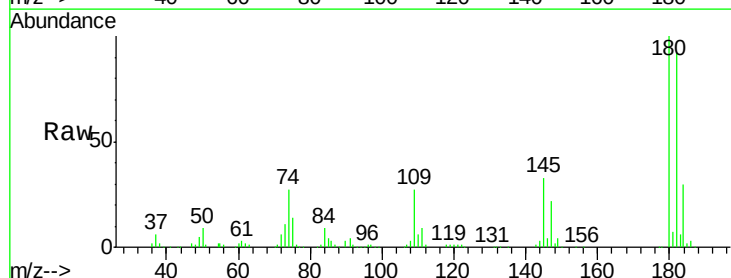
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 32.680 ng
RT: 7.94 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273442		
182	92.0	76.8	115.2	
145	33.4	26.5	39.7	

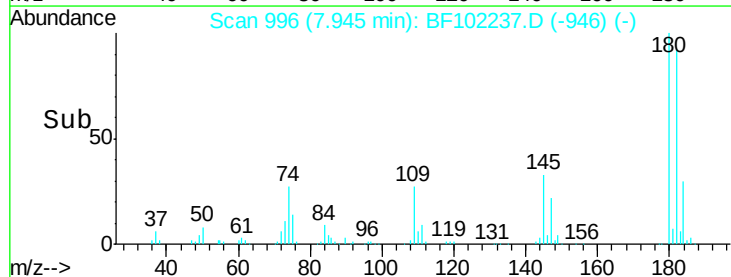
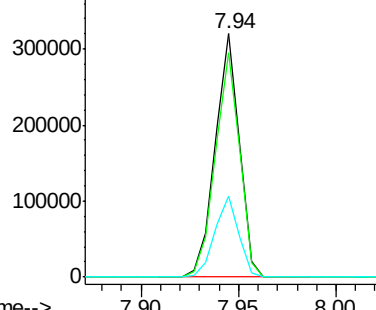


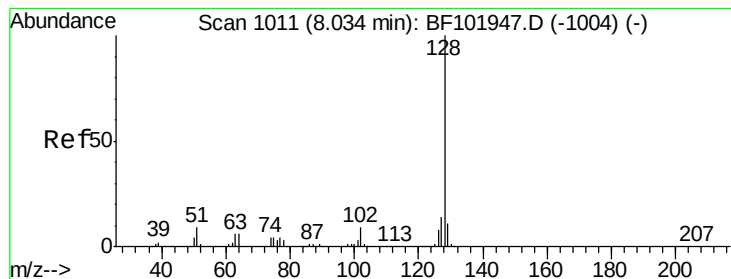
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.251 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

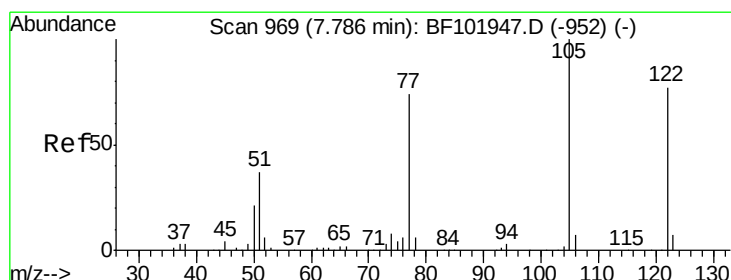
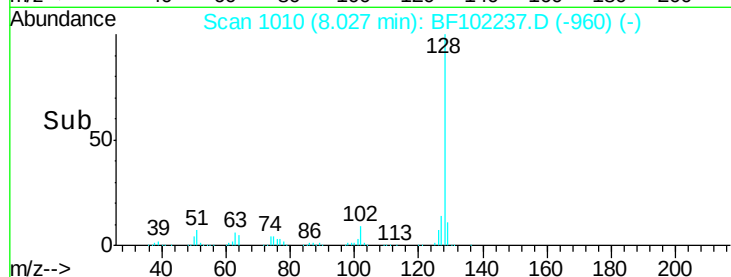
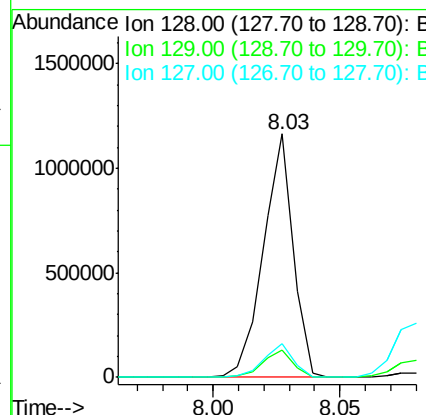
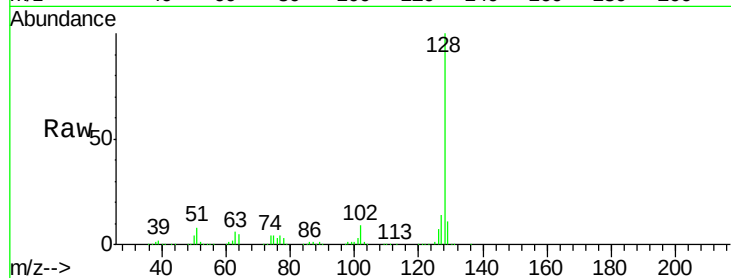
ClientSampleId :

3C-11MS

Tot Ion:	128	Resp:	949834
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 2.425 ng m

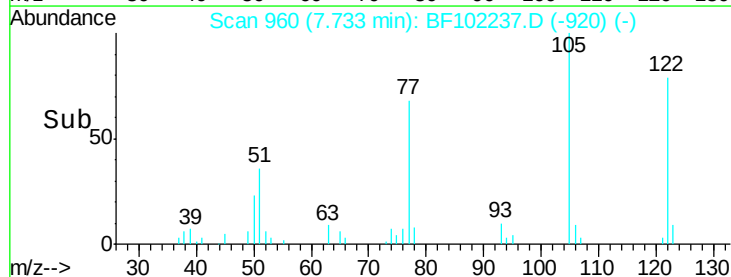
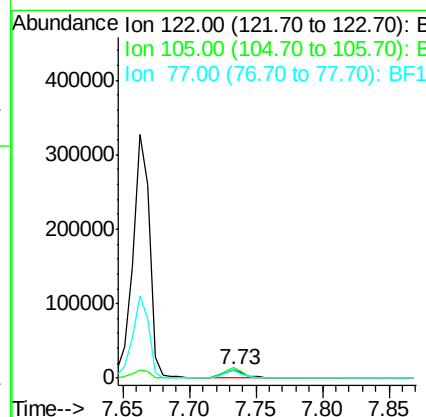
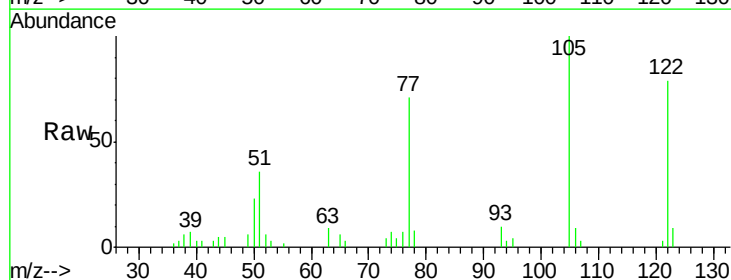
RT: 7.73 min Scan# 960

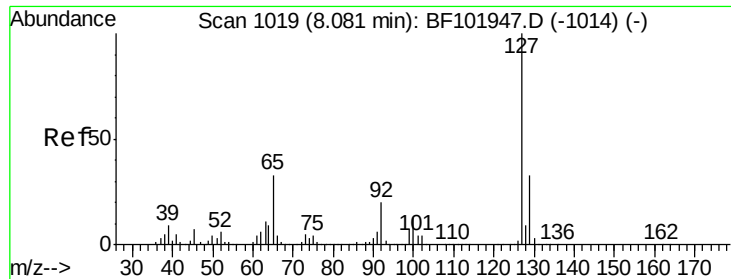
Delta R.T. -0.06 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	122	Resp:	15492
Ion Ratio	Lower	Upper	
122	100		
105	126.9	101.1	141.1
77	89.6	70.7	110.7





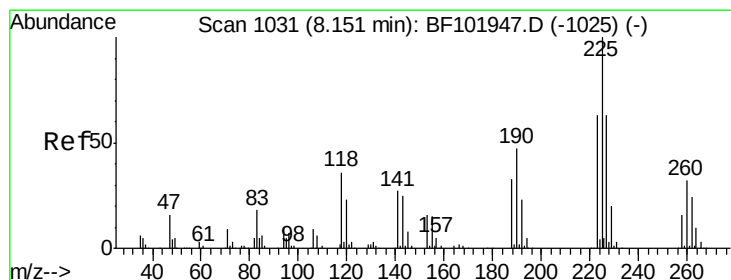
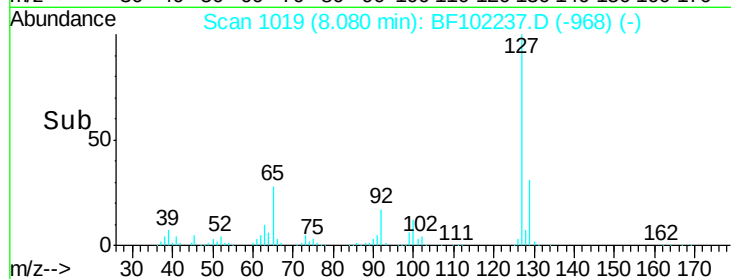
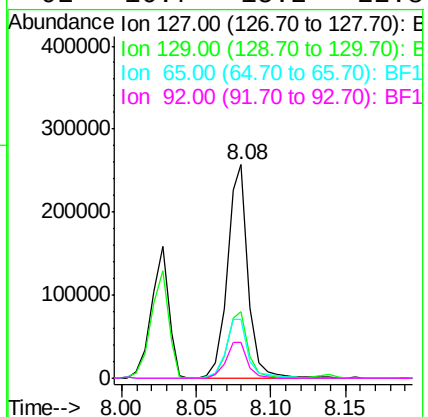
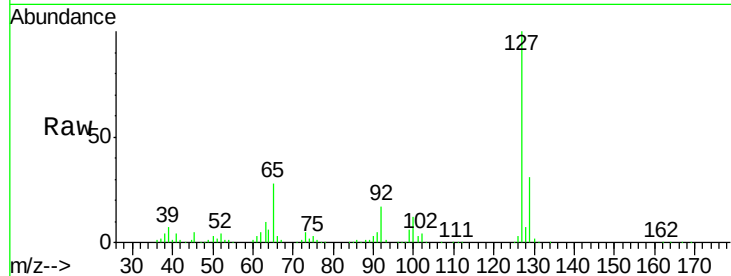
#33
4-Chloroaniline
Concen: 19.905 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	250213		
129	31.2	25.9	38.9	
65	27.7	25.0	37.4	
92	16.7	15.2	22.8	

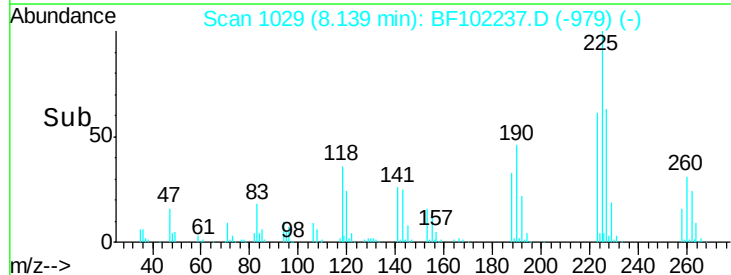
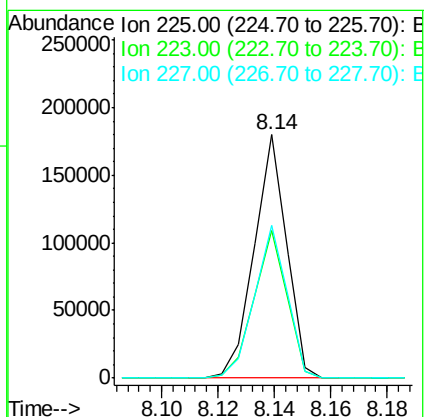
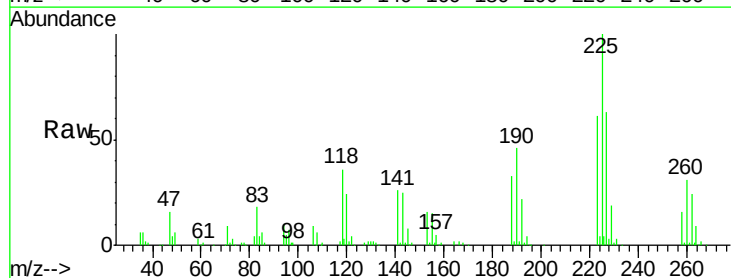
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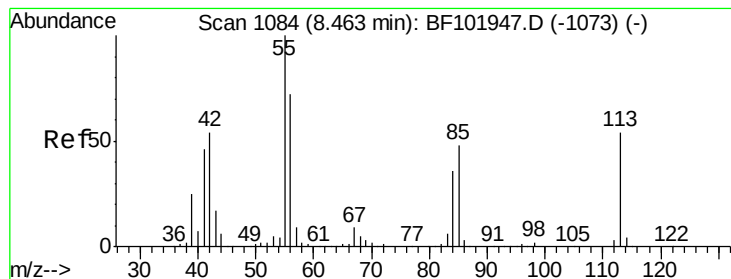
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#34
Hexachlorobutadiene
Concen: 32.291 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143019		
223	60.7	50.6	76.0	
227	62.9	51.9	77.9	





#35

Caprolactam

Concen: 35.954 ng/mL

RT: 8.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

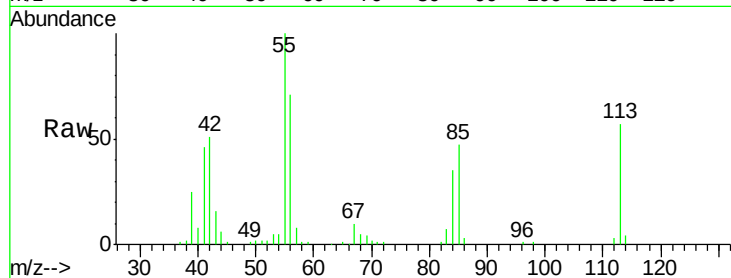
ClientSampled :

3C-11MS

Tot Ion:	113	Resp:	98736
Ion	Ratio	Lower	Upper
113	100		
55	175.6	163.3	203.3
56	124.0	115.7	155.7

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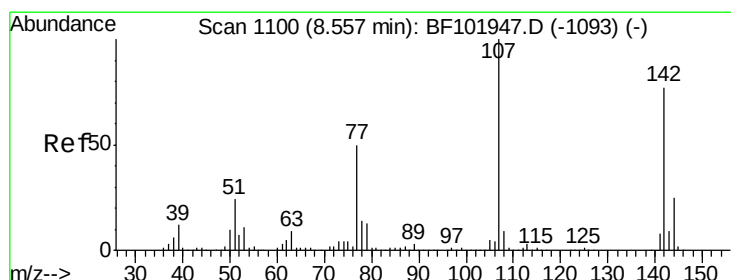
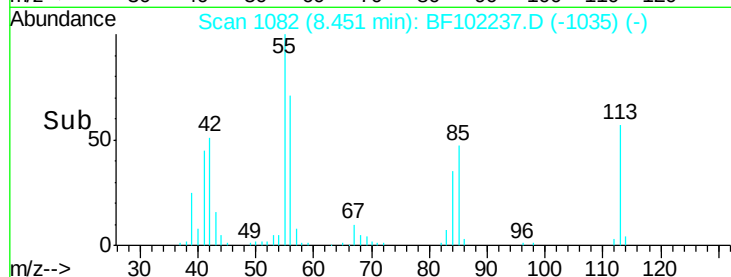
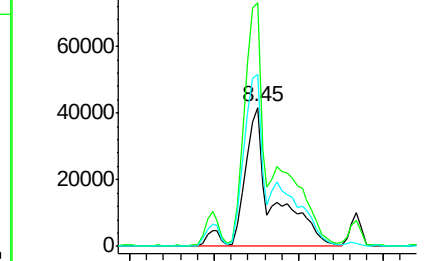
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.139 ng/mL

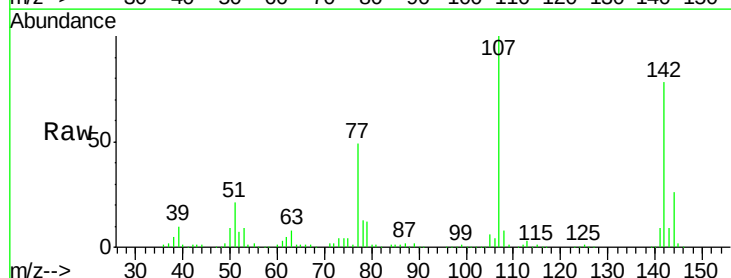
RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

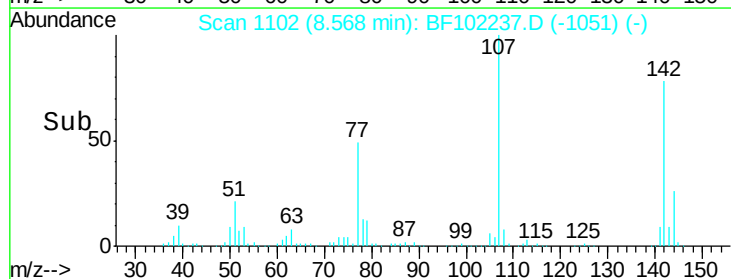
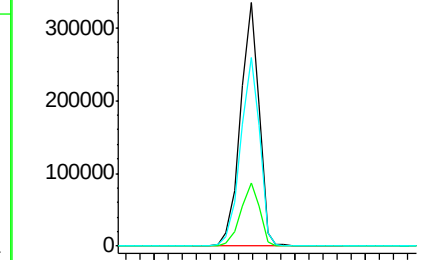
Tgt Ion:	107	Resp:	307695
Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	77.7	62.0	93.0

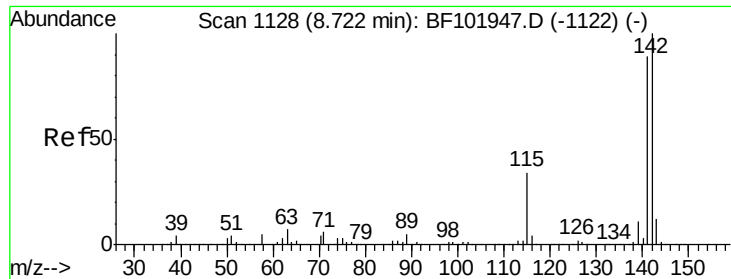


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





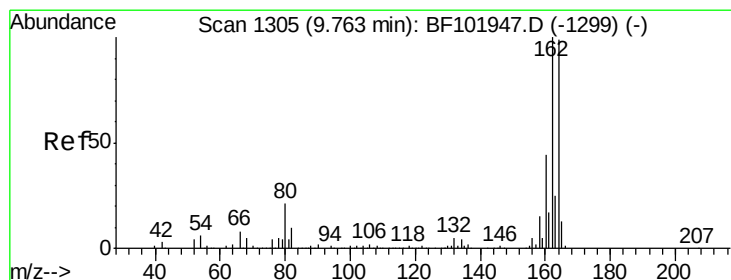
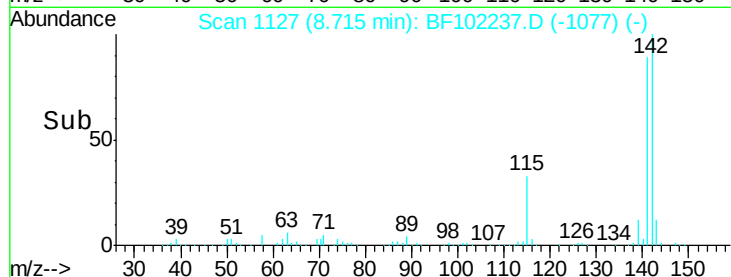
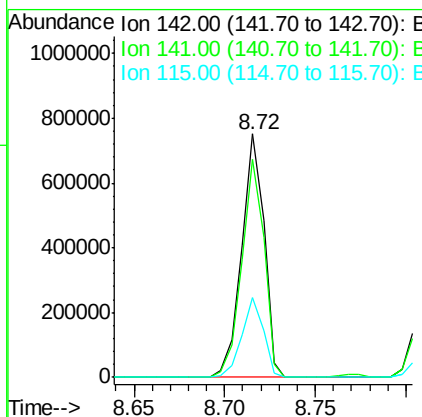
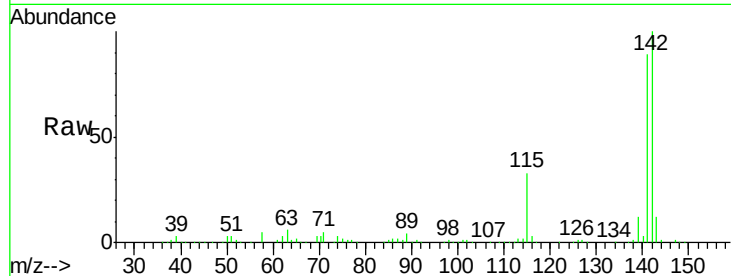
#37
 2-Methylnaphthalene
 Concen: 33.334 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	32.7	26.1	39.1

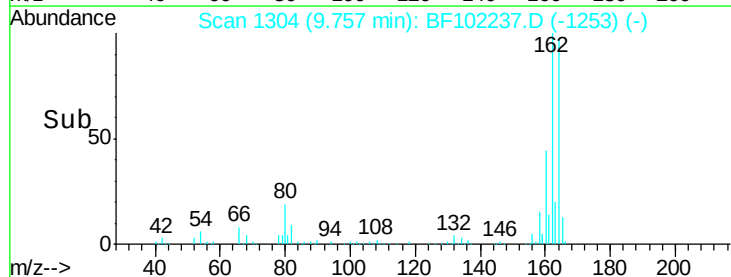
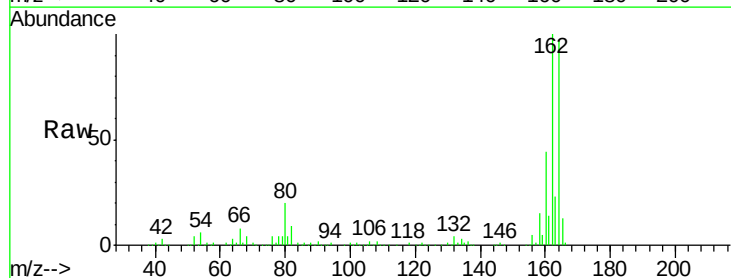
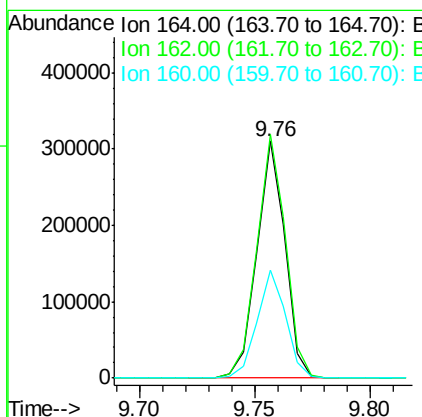
Manual Integrations
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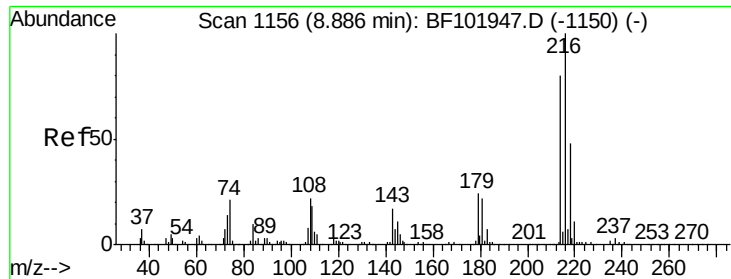
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.3	38.3	57.5





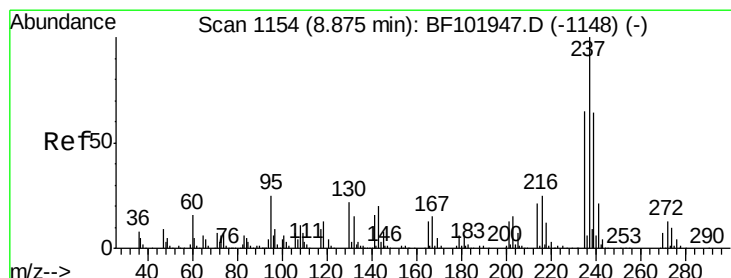
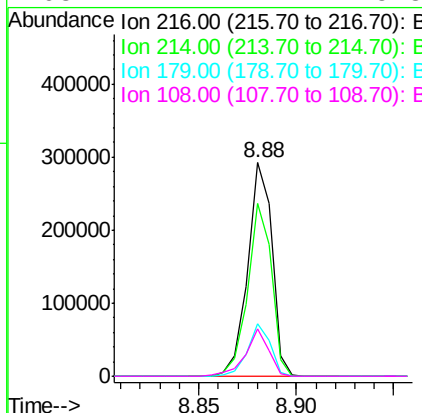
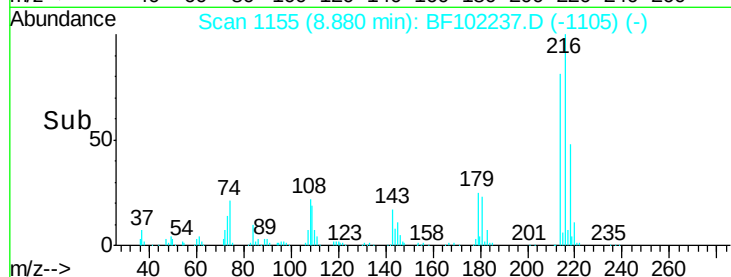
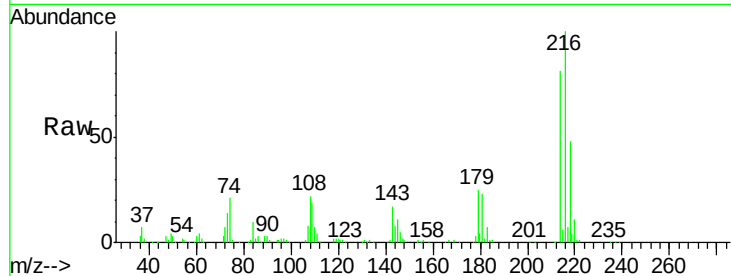
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.892 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	253211		
214	79.4	63.0	94.4	
179	23.2	18.1	27.1	
108	21.2	17.2	25.8	

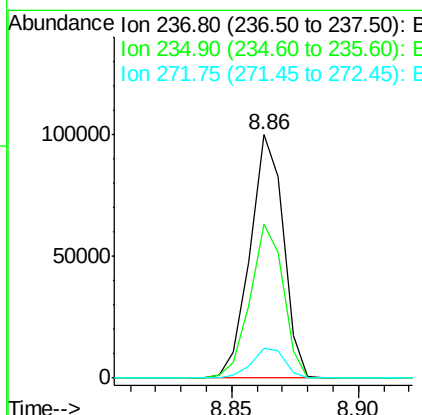
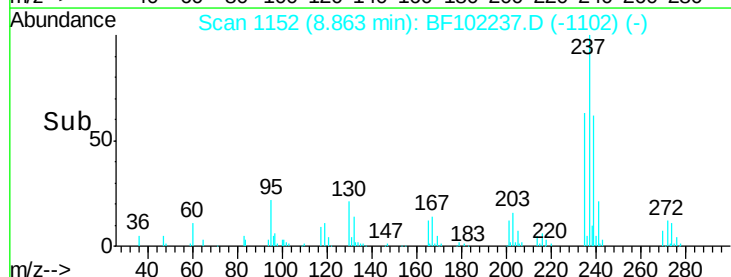
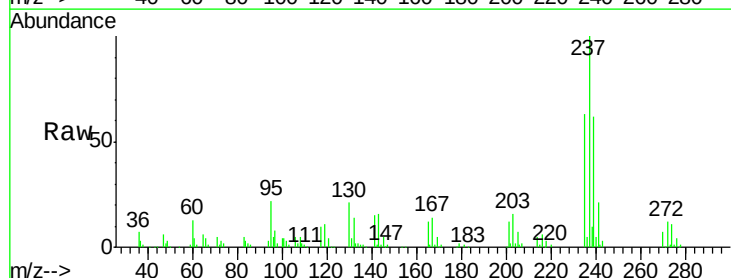
Manual Integrations
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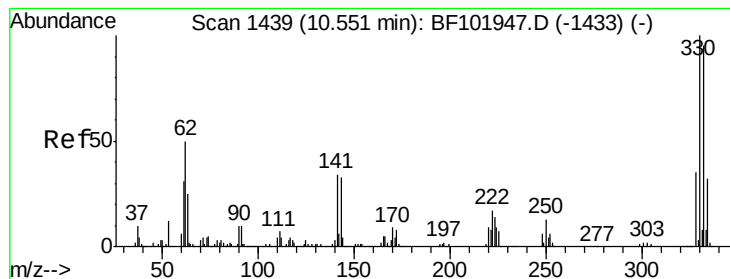
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#40
 Hexachlorocyclopentadiene
 Concen: 22.558 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	92168		
235	63.3	44.8	84.8	
272	12.0	0.0	33.3	





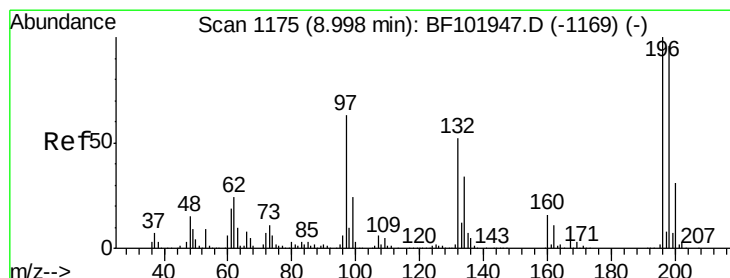
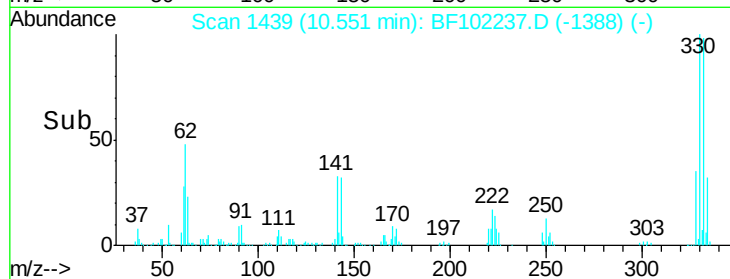
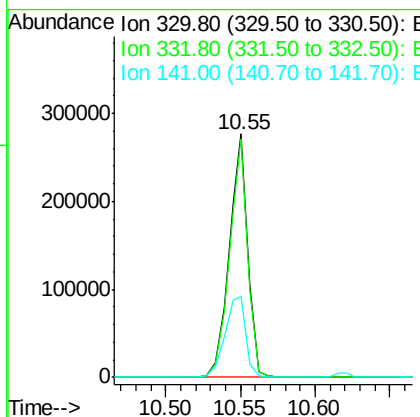
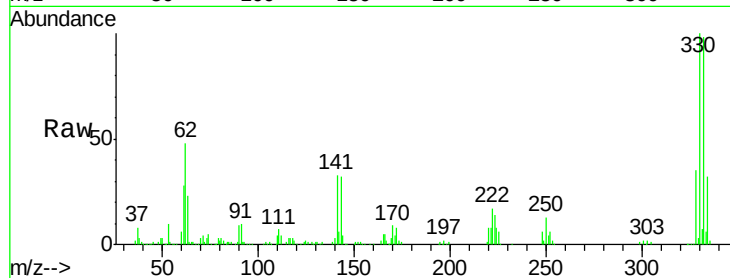
#41
 2,4,6-Tribromophenol
 Concen: 105.211 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :
 3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	242470		
332	96.1	77.0	115.6	
141	37.5	29.9	44.9	

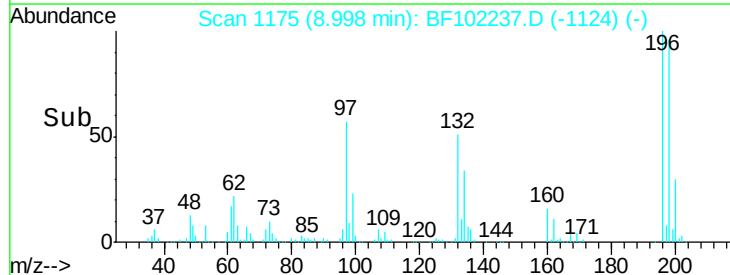
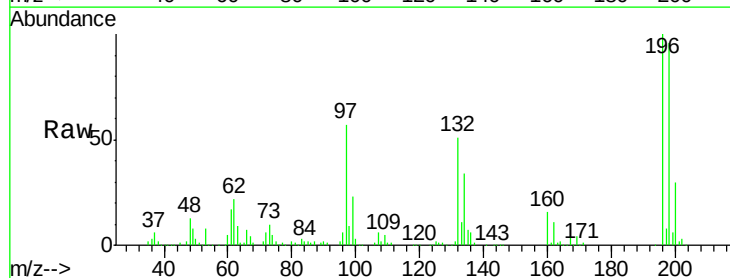
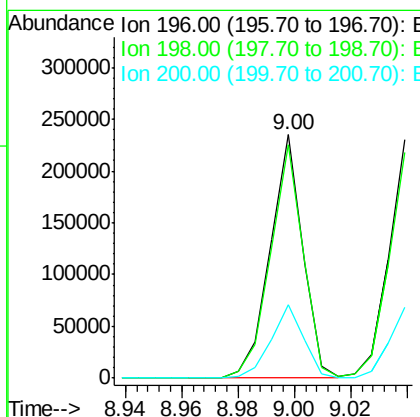
Manual Integrations
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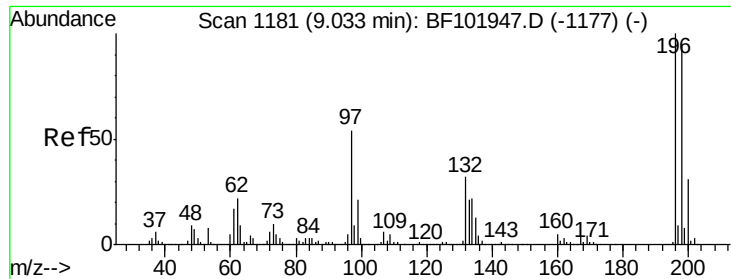
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#42
 2,4,6-Trichlorophenol
 Concen: 36.596 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188408		
198	96.1	75.7	113.5	
200	30.1	24.5	36.7	





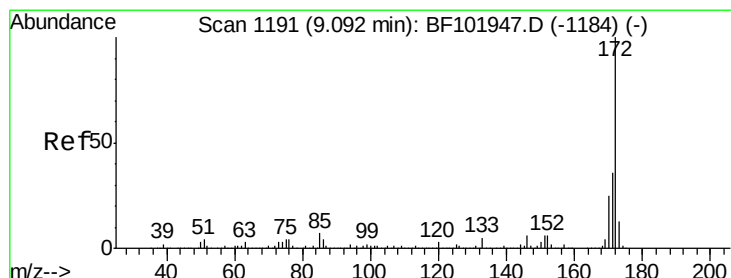
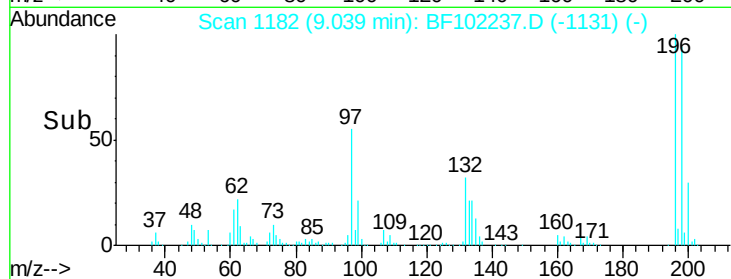
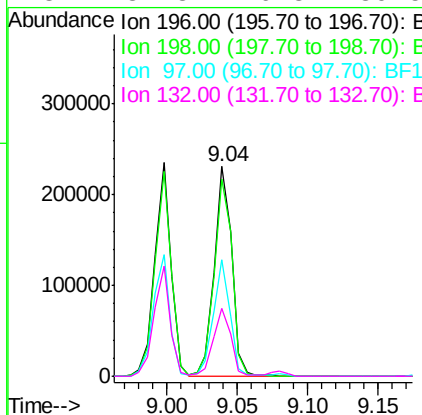
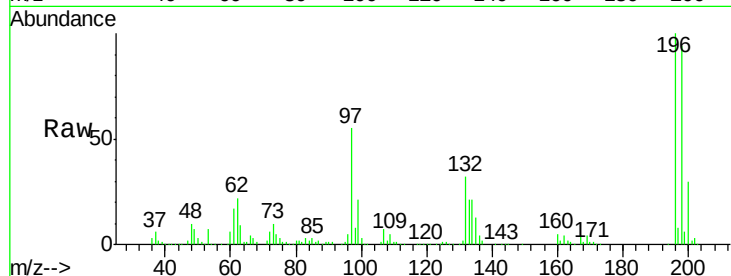
#43
 2,4,5-Trichlorophenol
 Concen: 34.332 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion:	196	Resp:	199773
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	55.4	42.9	64.3
132	32.3	26.3	39.5

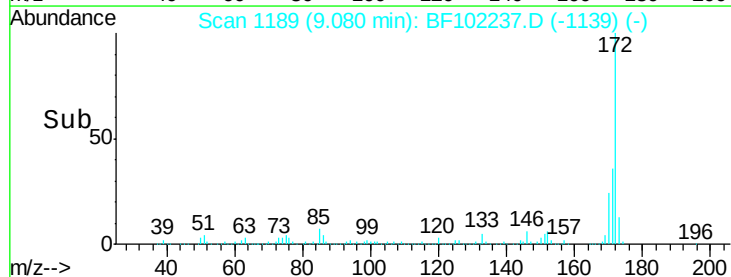
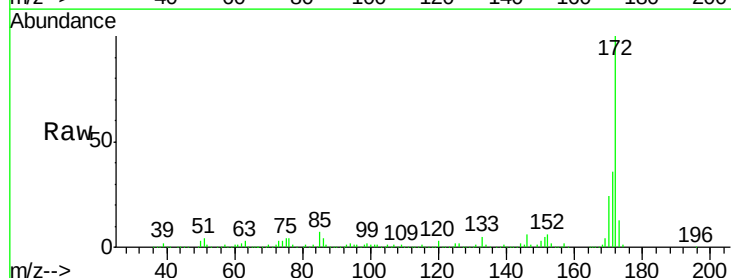
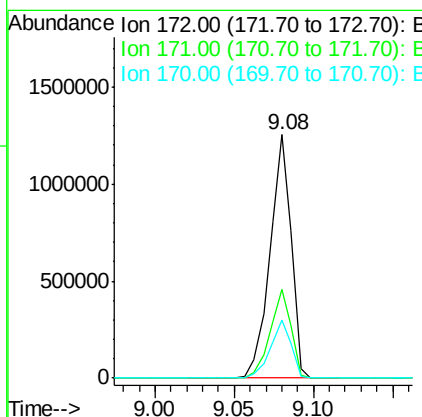
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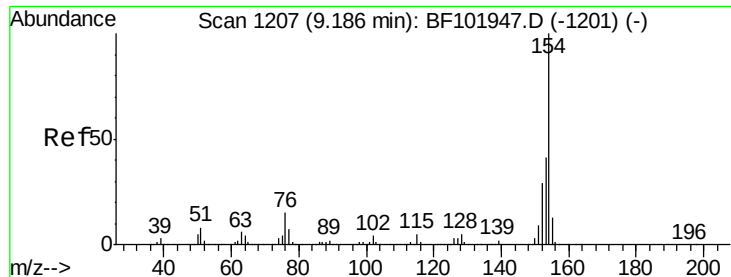
Sohil
 1/22/2018 5:24:38 PM



#44
 2-Fluorobiphenyl
 Concen: 69.054 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:	172	Resp:	1167266
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4





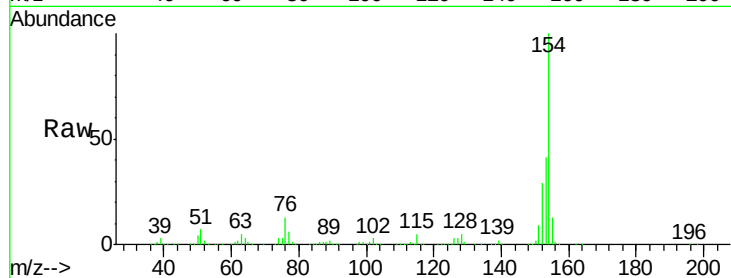
#45
1,1'-Biphenyl
Concen: 32.294 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
3C-11MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.3	0.0	34.0

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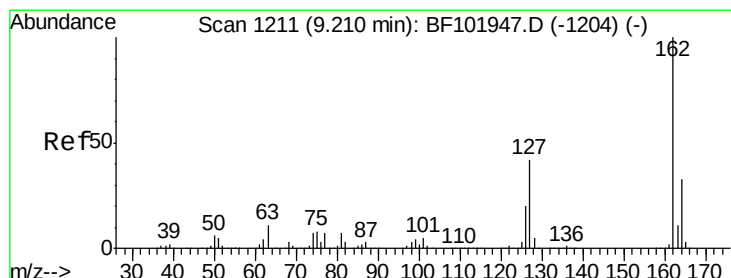
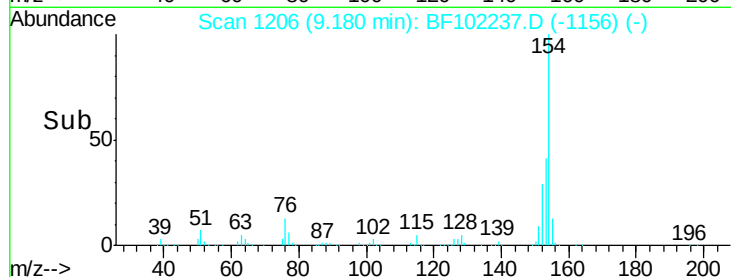
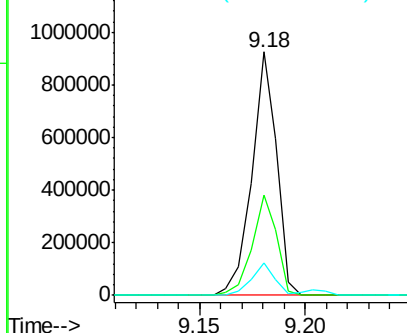


Abundance

Ion 154.00 (153.70 to 154.70): E

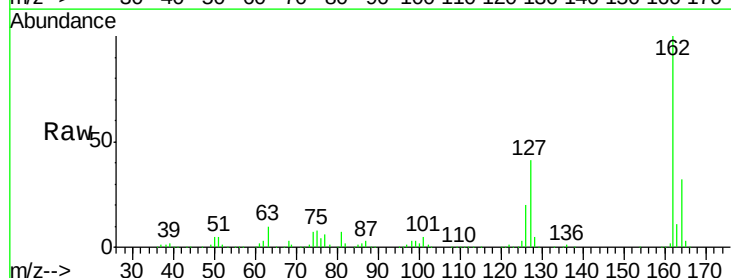
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 32.198 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.2	26.5	39.7

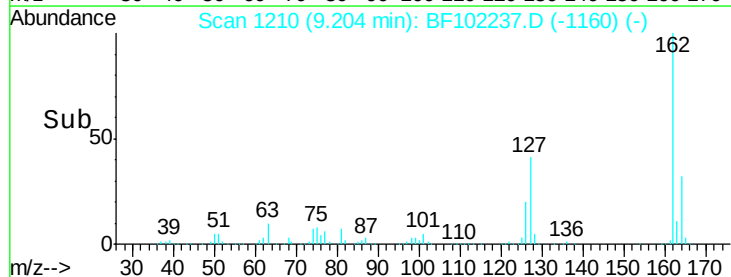
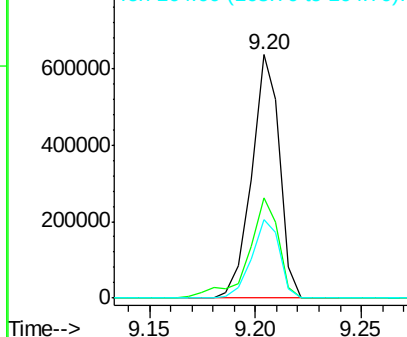


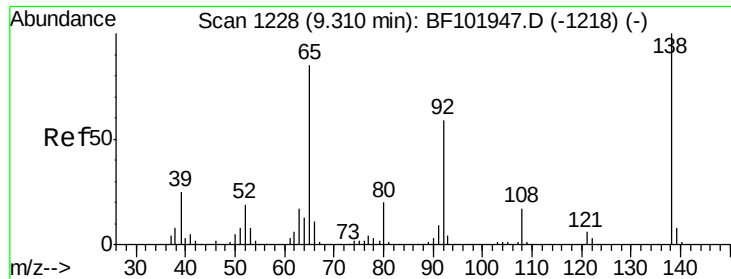
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





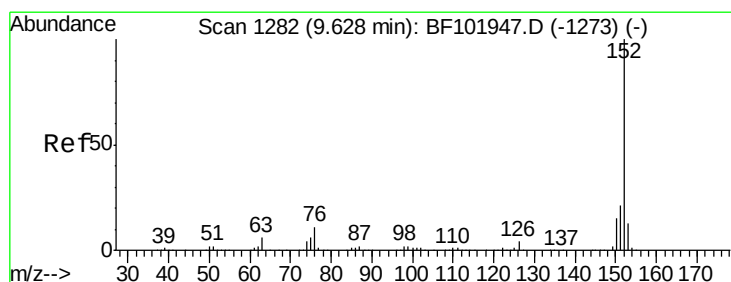
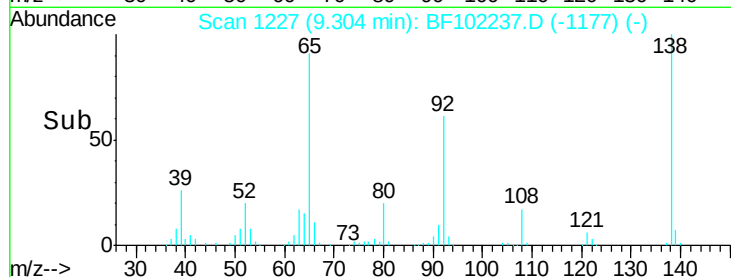
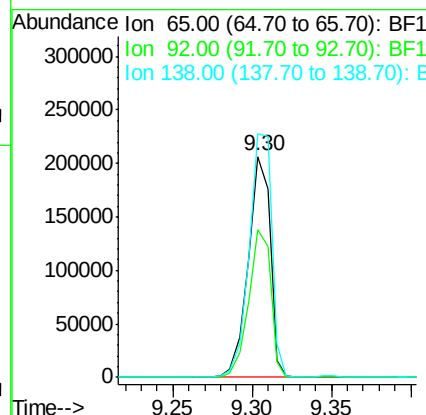
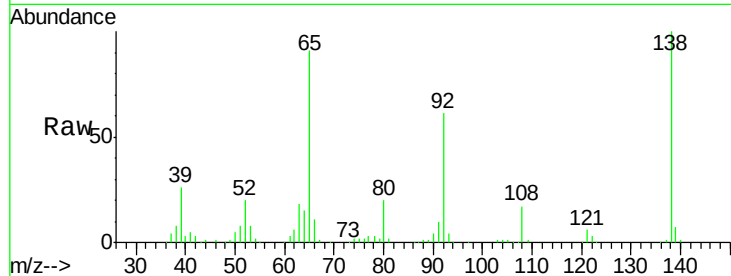
#47
2-Nitroaniline
Concen: 36.526 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
3C-11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	55.8	83.6
138	110.2	91.2	136.8

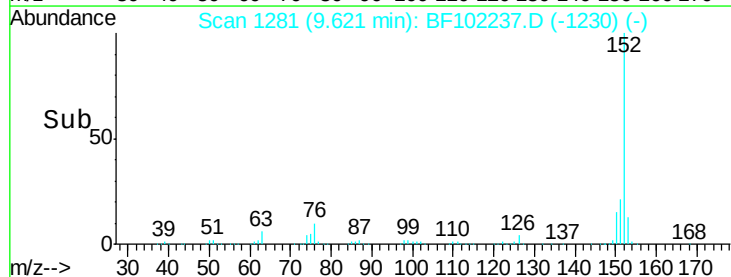
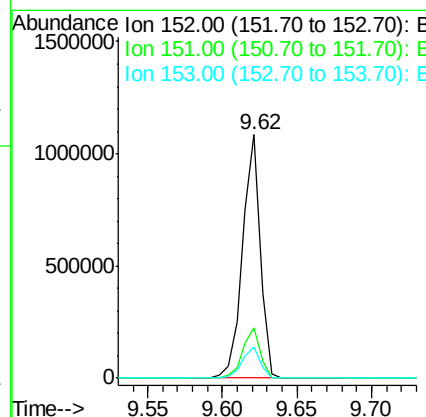
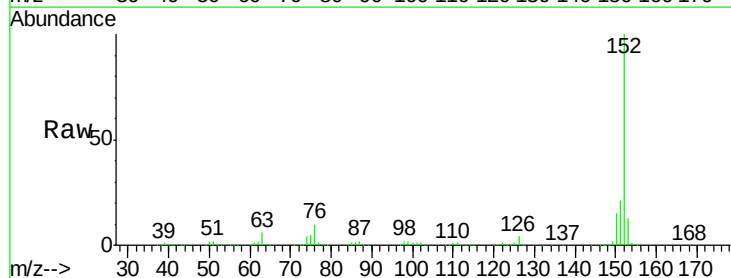
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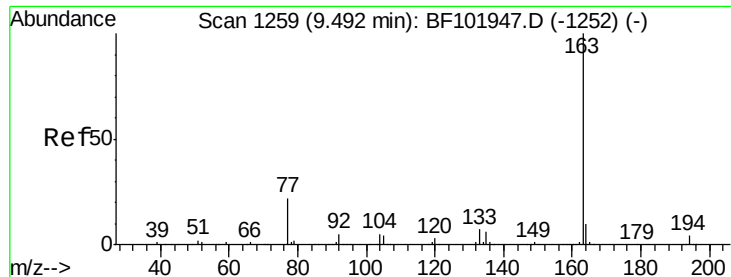
Sohil
1/22/2018 5:24:38 PM



#48
Acenaphthylene
Concen: 31.392 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 45.837 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

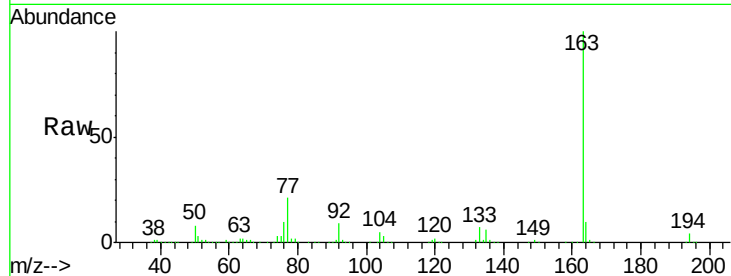
ClientSampleId :

3C-11MS

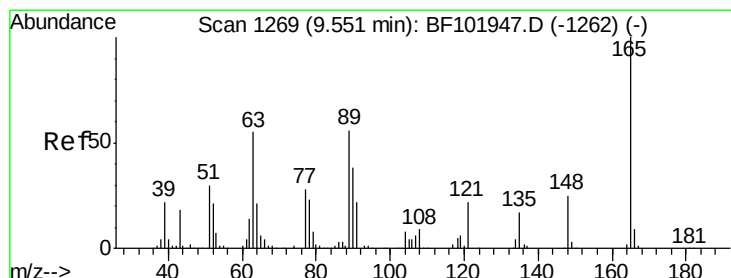
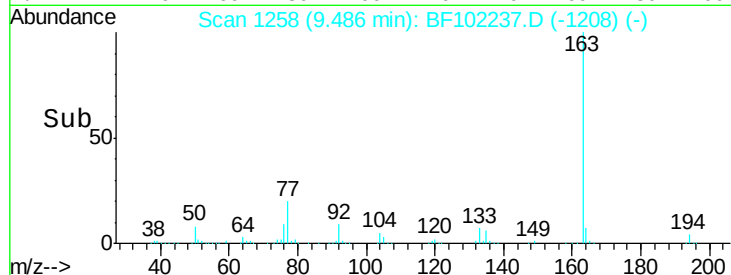
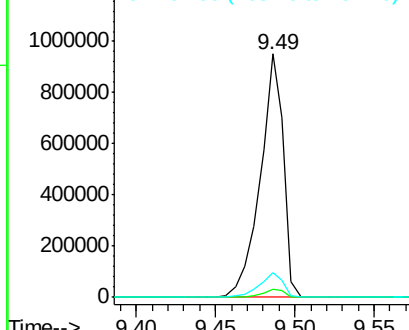
Tot Ion:	163	Resp:	971034
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

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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: 37.592 ng

RT: 9.55 min Scan# 1269

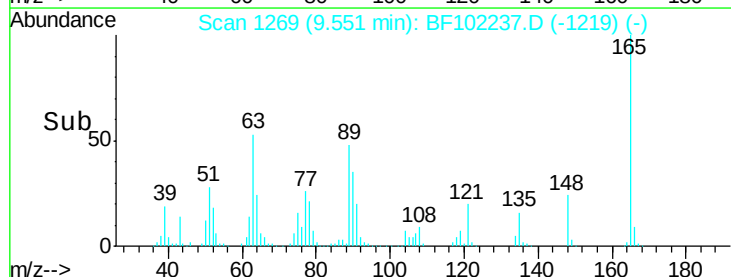
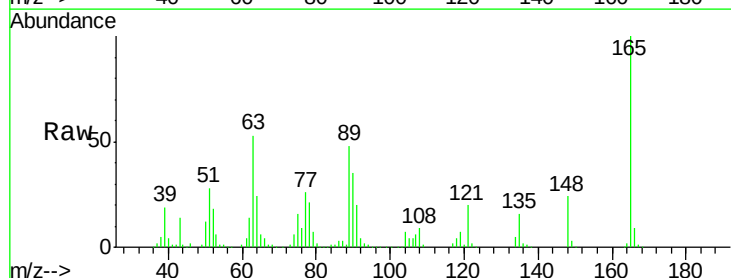
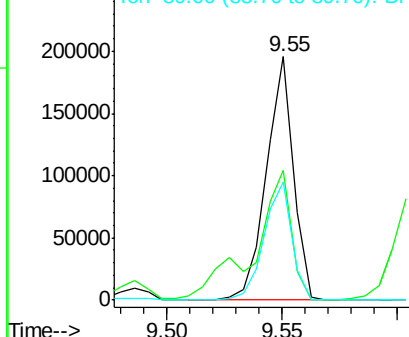
Delta R.T. -0.01 min

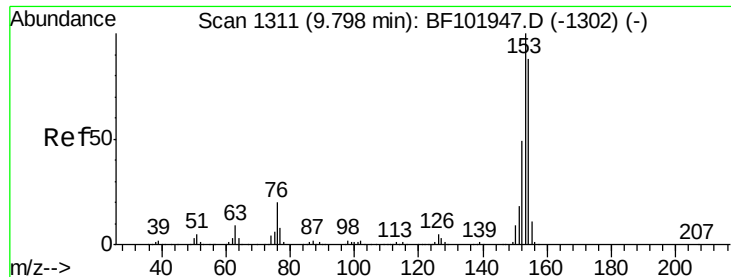
Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	165	Resp:	159076
Ion Ratio	Lower	Upper	
165	100		
63	53.2	44.7	67.1
89	48.5	44.0	66.0

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





#51

Acenaphthene

Concen: 29.900 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

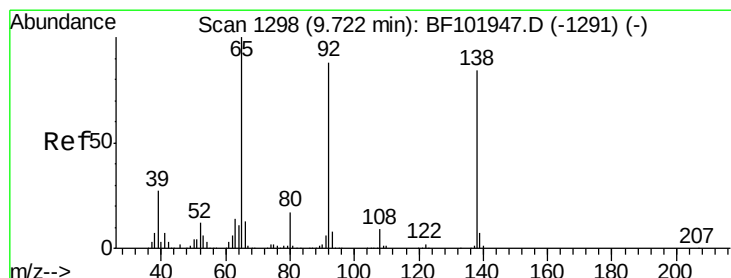
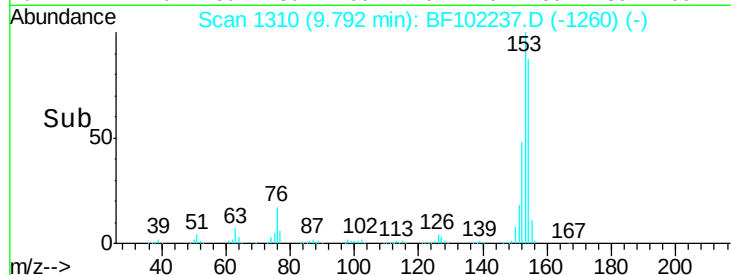
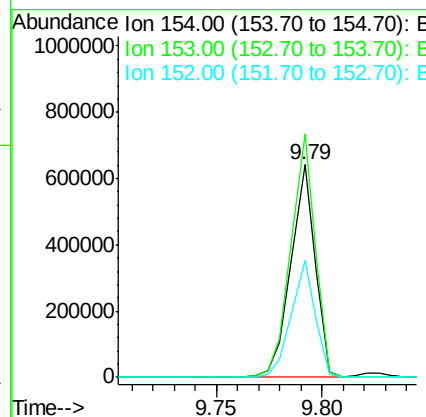
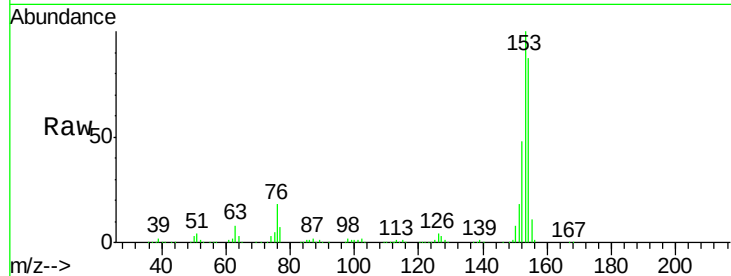
ClientSampled :

3C-11MS

Tot Ion:	154	Resp:	521308
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	55.2	43.8	65.8

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#52

3-Nitroaniline

Concen: 25.009 ng

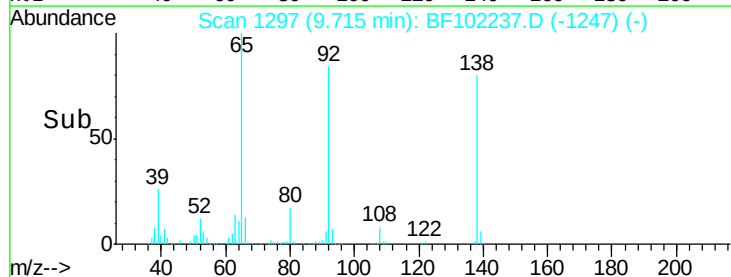
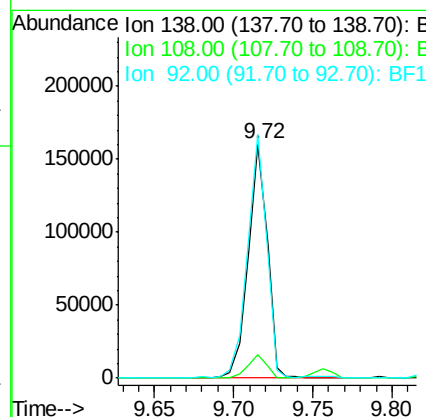
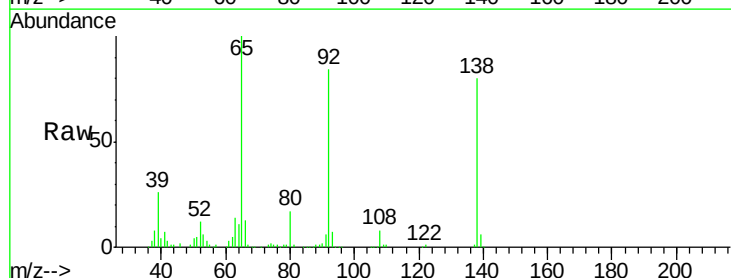
RT: 9.72 min Scan# 1297

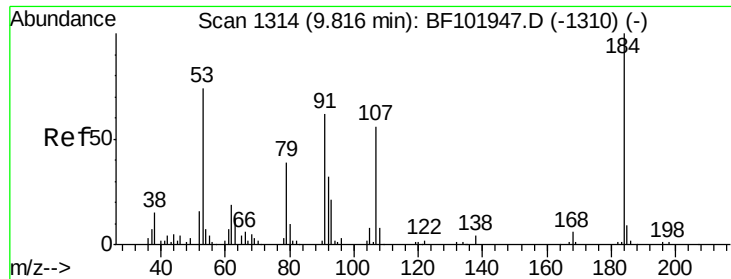
Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	138	Resp:	133563
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	104.1	89.4	134.2





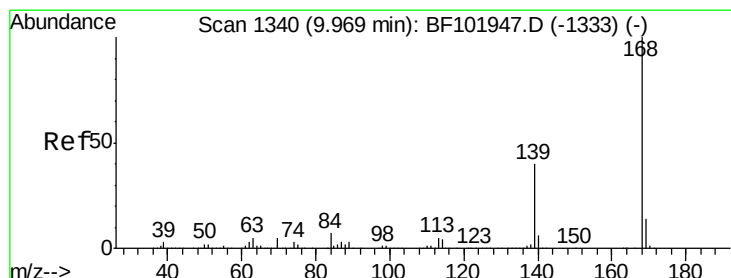
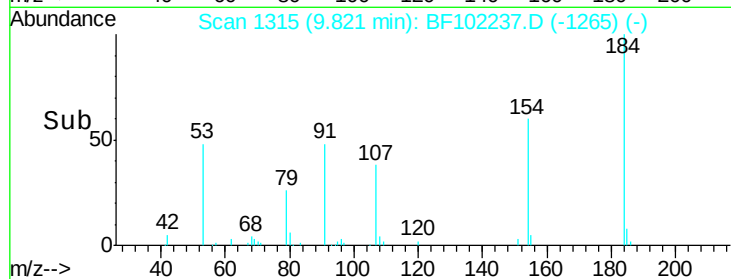
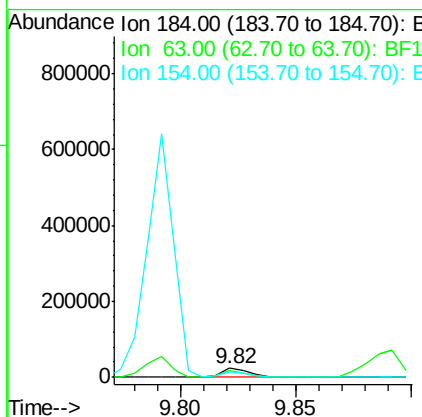
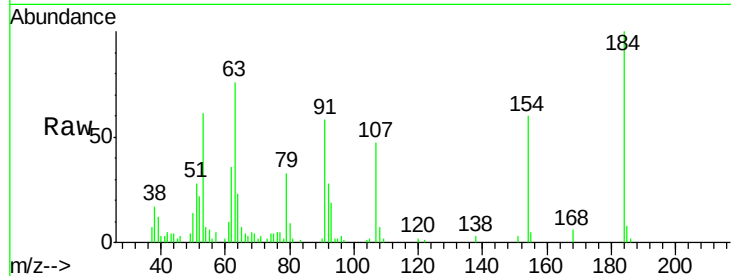
#53
2,4-Dinitrophenol
Concen: 20.751 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.1	54.2	81.2
154	60.2	184.0	276.0#

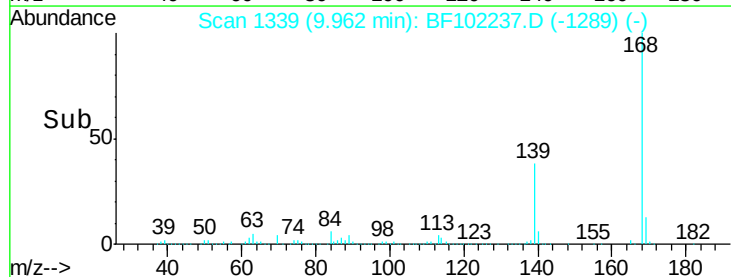
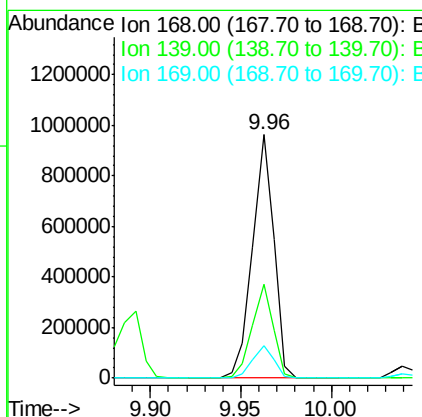
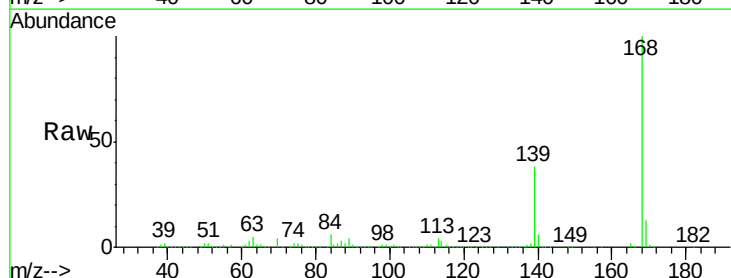
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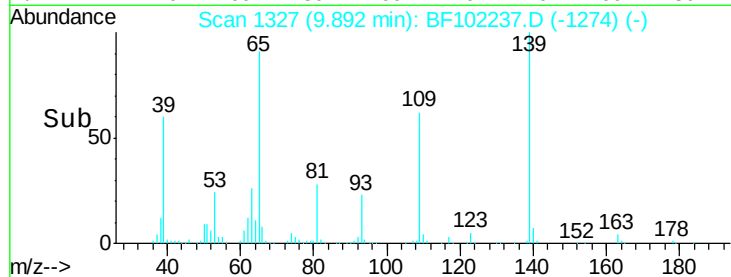
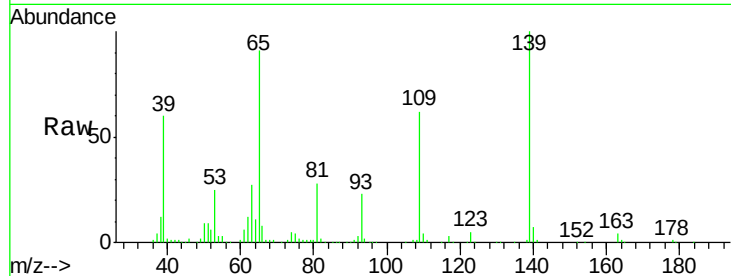
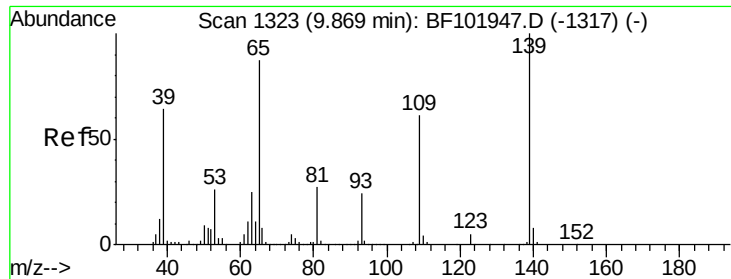
Sohil
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#54
Dibenzofuran
Concen: 33.082 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.5	10.9	16.3





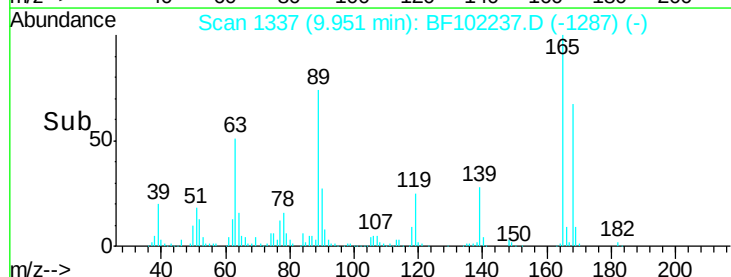
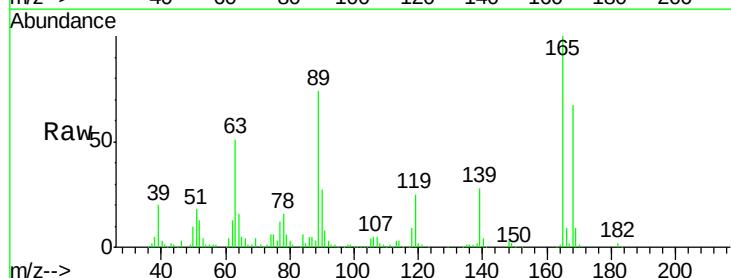
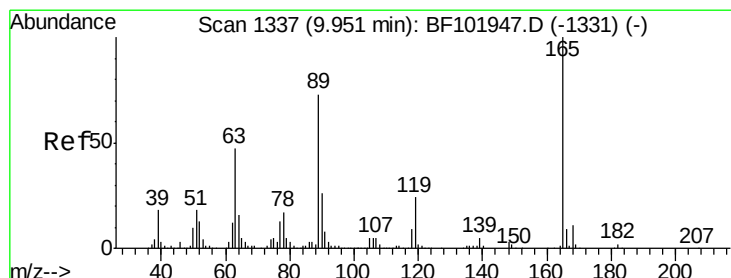
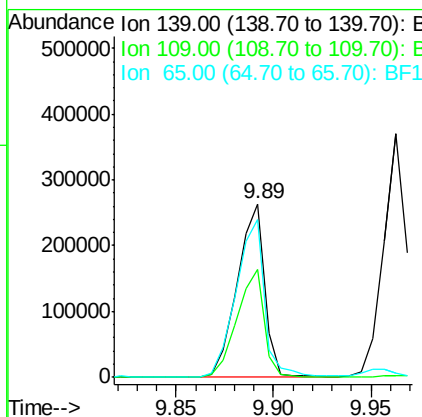
#55
4-Nitrophenol
Concen: 64.998 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tot Ion	Ratio	Resp	Lower	Upper
139	100	258694		
109	61.8	48.4	88.4	
65	90.7	72.6	112.6	

Instrument :
BNA_F
ClientSampled :
3C-11MS

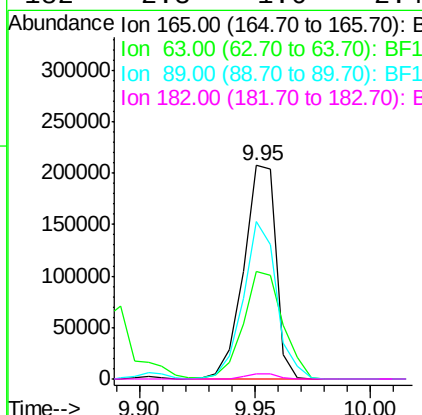
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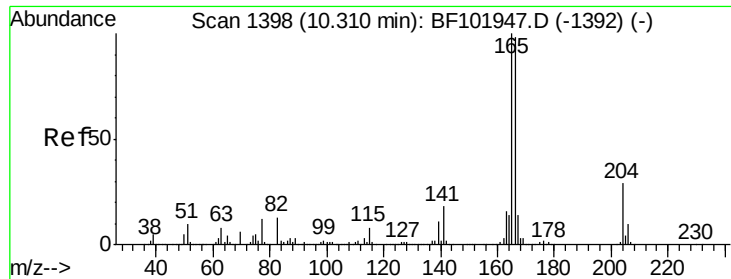
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.230 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202770		
63	50.5	36.4	54.6	
89	74.0	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 36.472 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

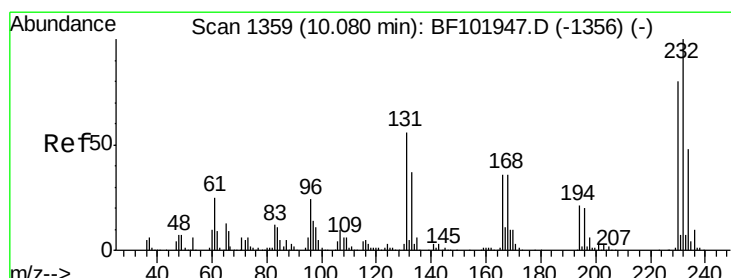
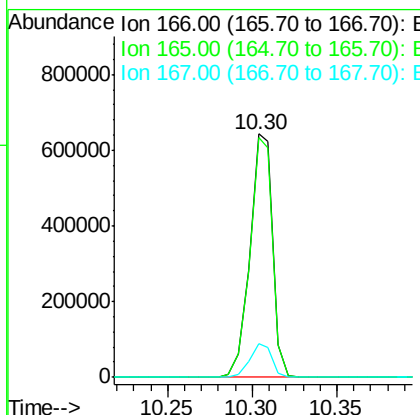
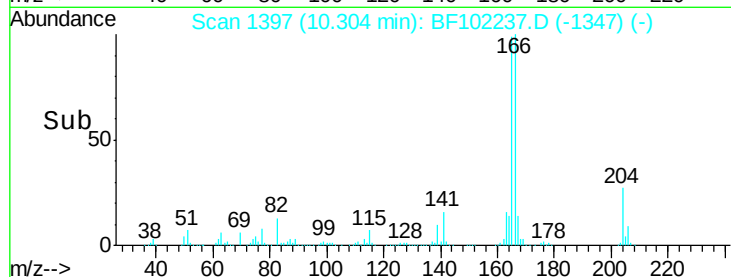
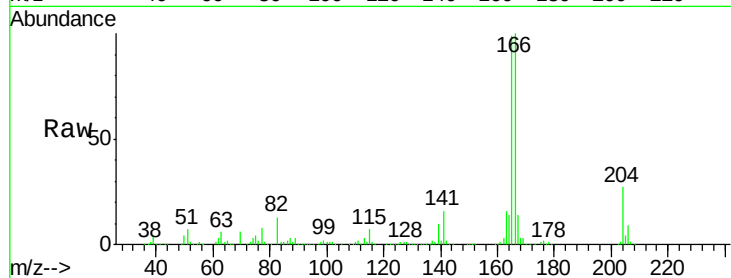
ClientSampleId :

3C-11MS

Tot Ion:	166	Resp:	603313
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.486 ng

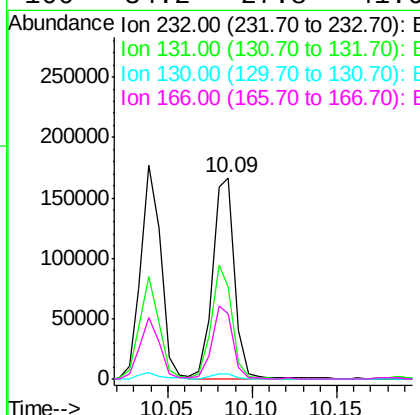
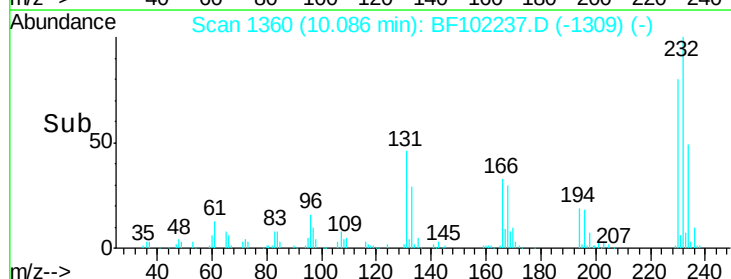
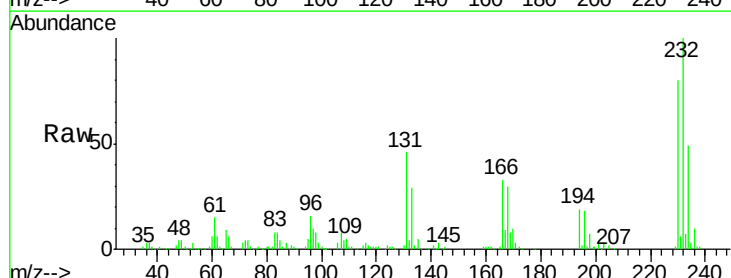
RT: 10.09 min Scan# 1360

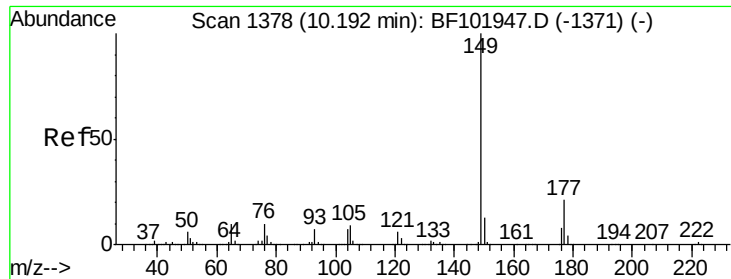
Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	232	Resp:	151151
Ion Ratio	Lower	Upper	
232	100		
131	53.5	43.8	65.8
130	2.5	2.1	3.1
166	34.2	27.8	41.6





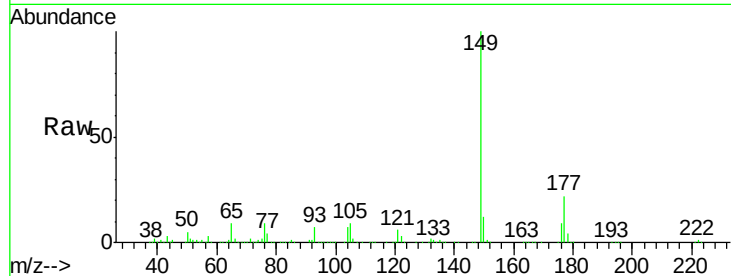
#59
Diethylphthalate
Concen: 32.576 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

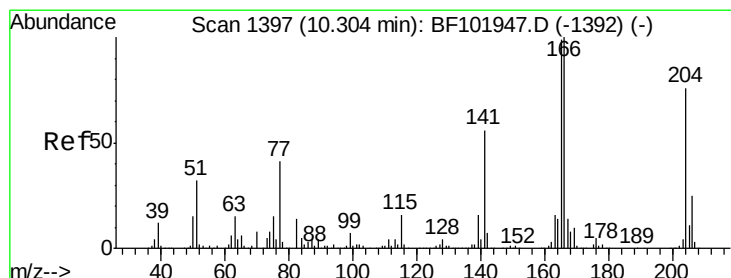
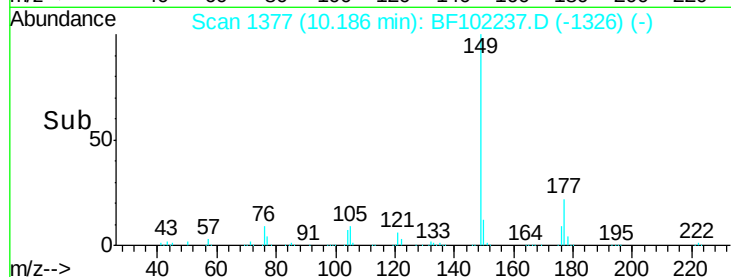
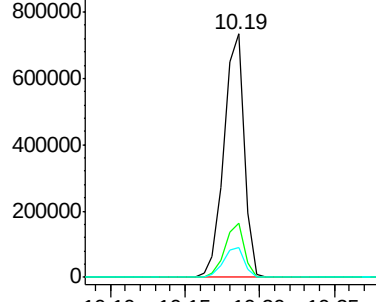
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.5	10.1	15.1

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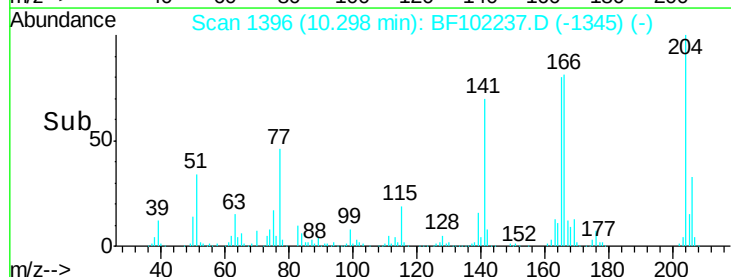
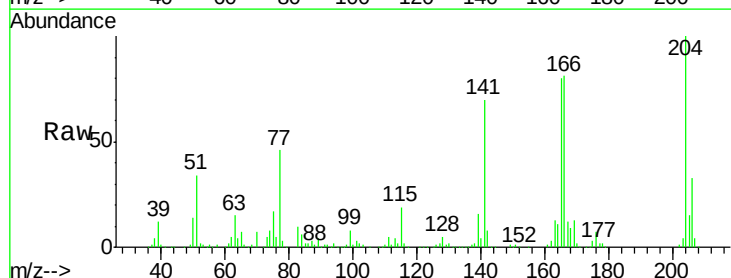
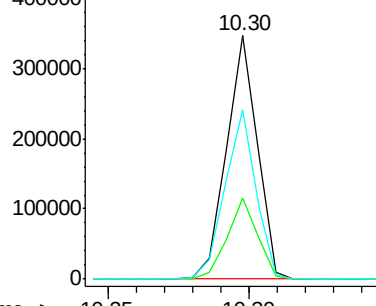
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

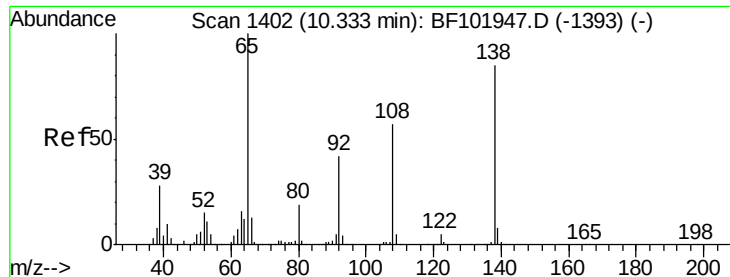


#60
4-Chlorophenyl-phenylether
Concen: 37.279 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	69.6	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





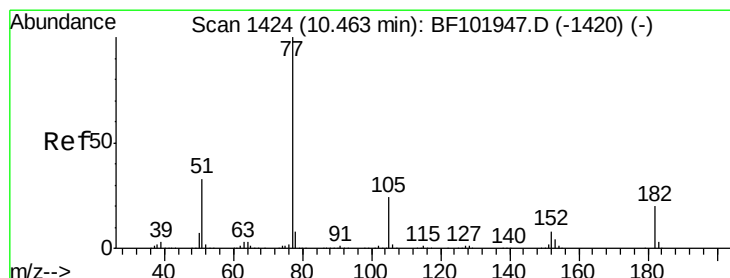
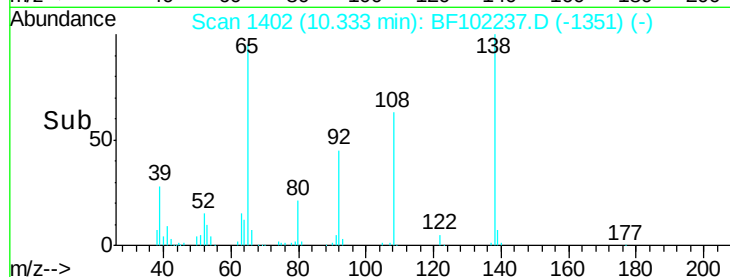
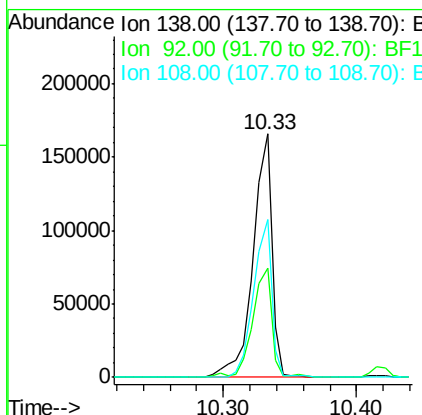
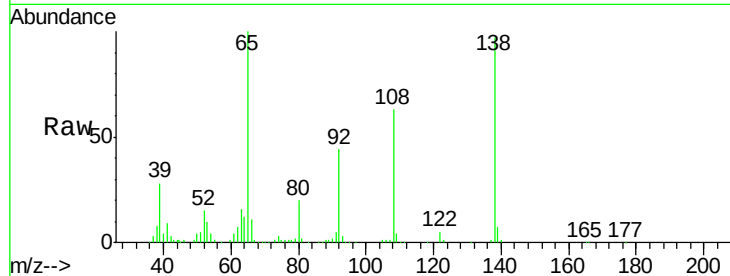
#61
4-Nitroaniline
Concen: 31.664 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.0	30.2	70.2
108	65.0	52.5	92.5

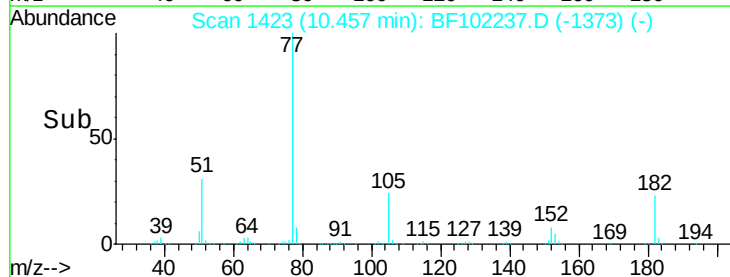
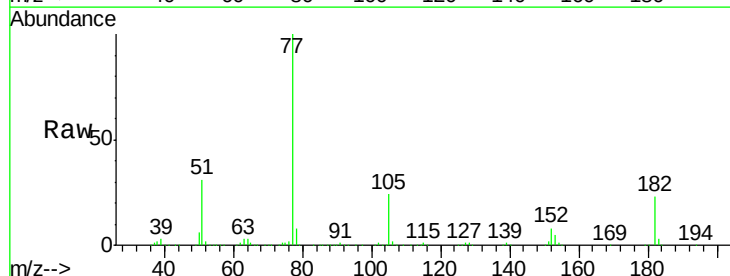
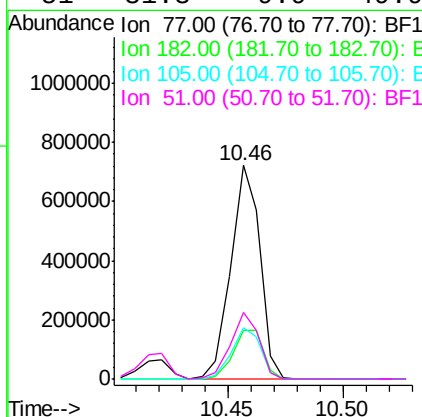
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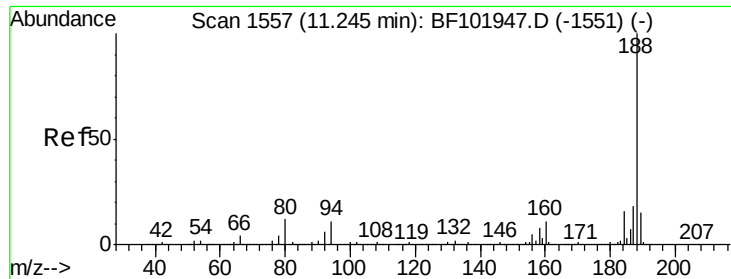
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#62
Azobenzene
Concen: 30.147 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.7	41.7
105	24.0	3.0	43.0
51	31.3	9.9	49.9





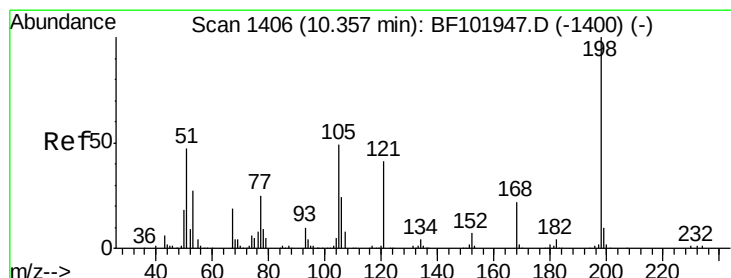
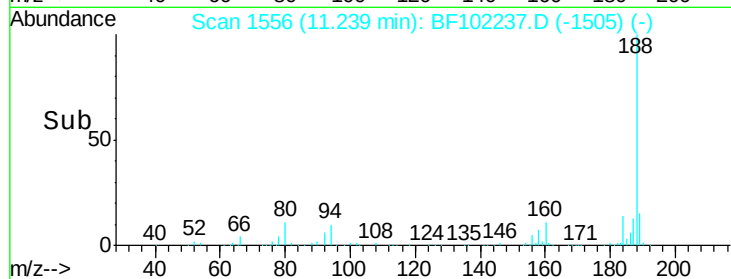
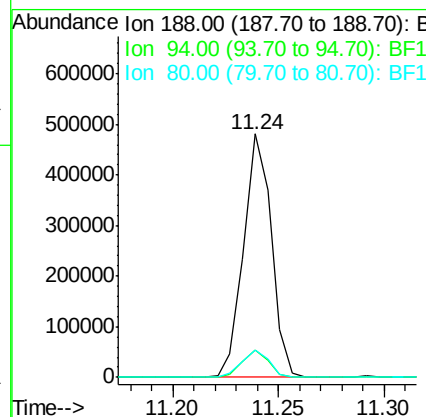
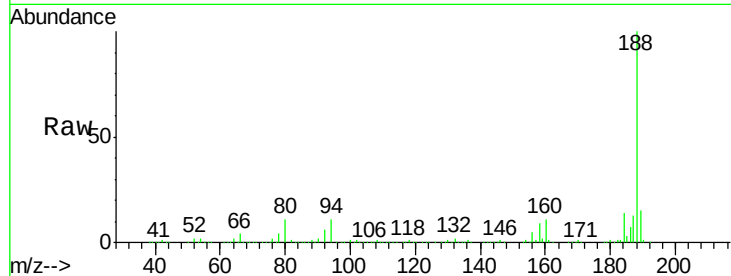
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.4	9.2	13.8

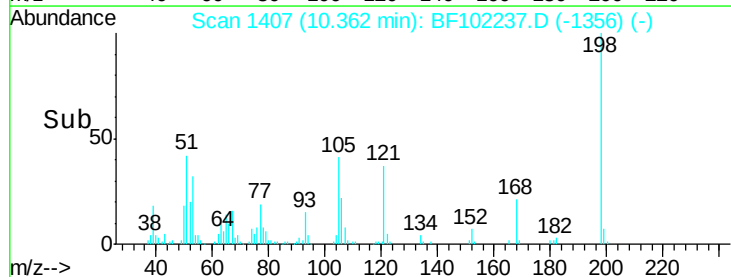
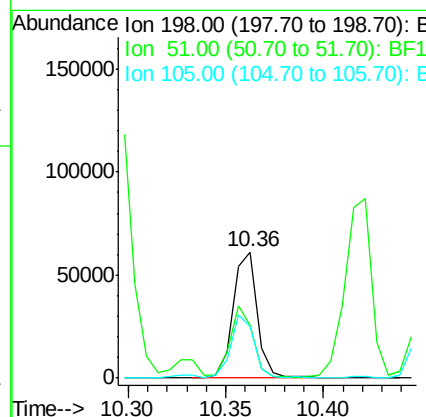
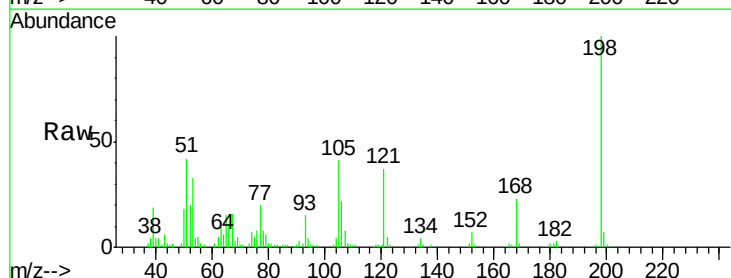
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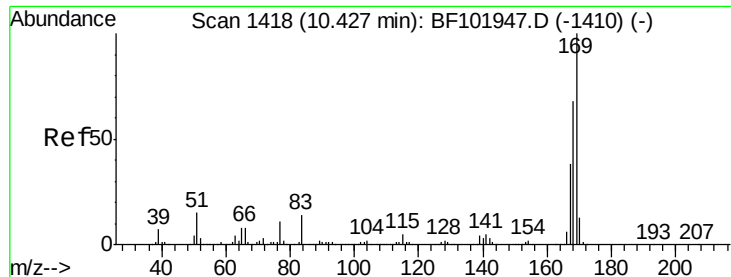
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.222 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.2	37.7	77.7
105	40.5	36.3	76.3





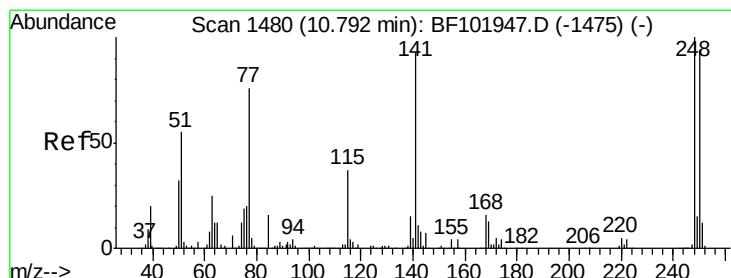
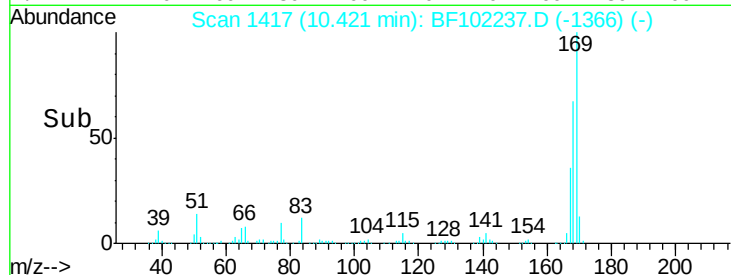
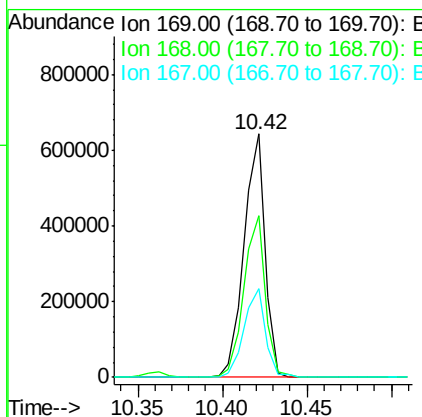
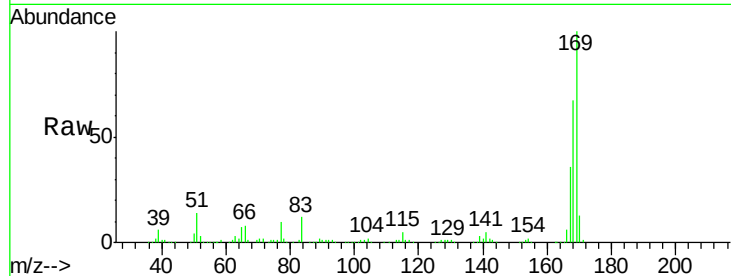
#65
 n-Nitrosodiphenylamine
 Concen: 34.200 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	559983		
168	66.6		54.4	81.6
167	36.3		29.8	44.6

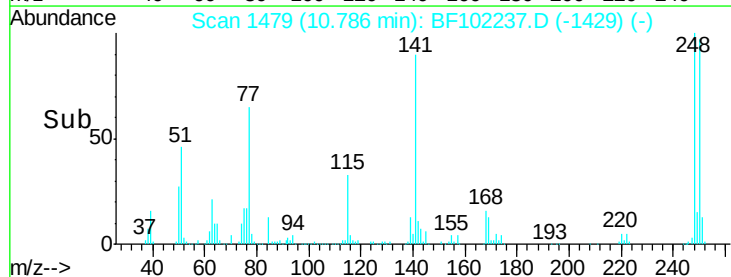
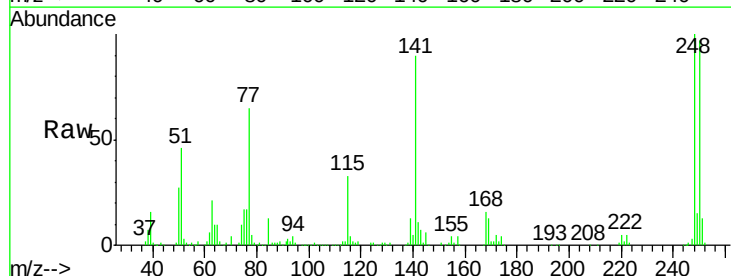
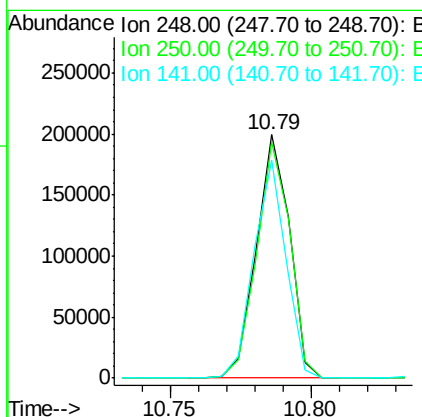
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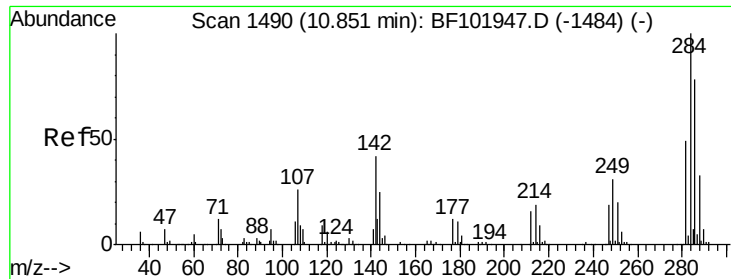
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#66
 4-Bromophenyl-phenylether
 Concen: 35.226 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	162667		
250	96.9		76.9	115.3
141	89.8		74.4	111.6





#67

Hexachlorobenzene

Concen: 33.367 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

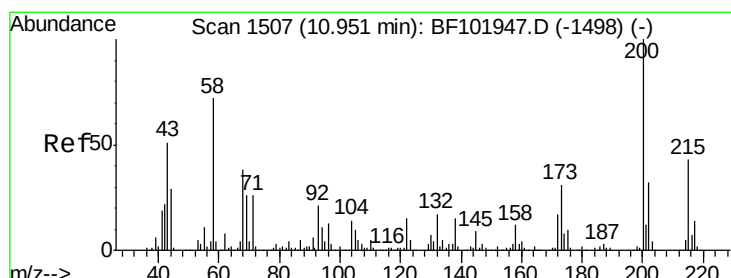
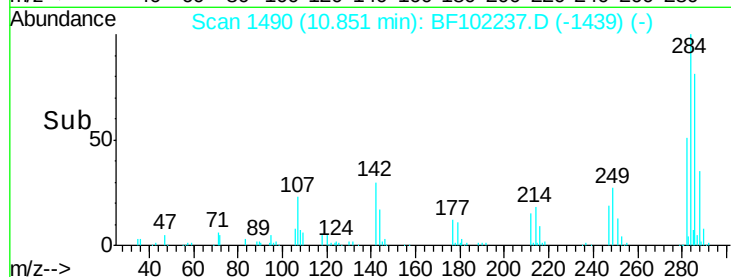
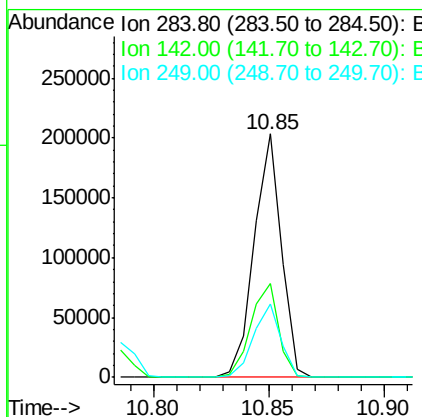
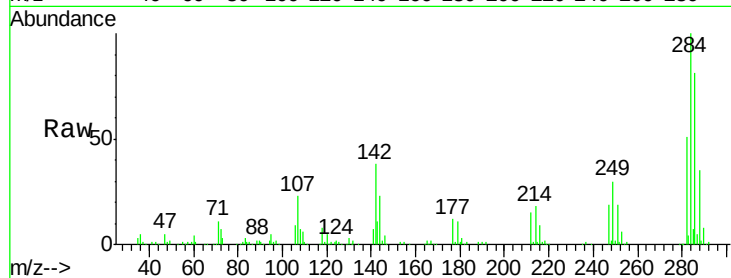
ClientSampled :

3C-11MS

Tot Ion:	284	Resp:	168209
Ion Ratio	Lower	Upper	
284	100		
142	38.4	34.6	52.0
249	30.2	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 36.920 ng

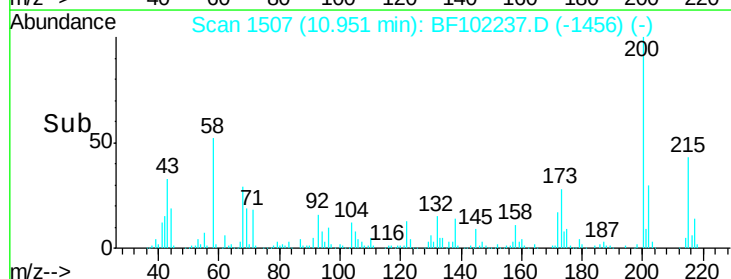
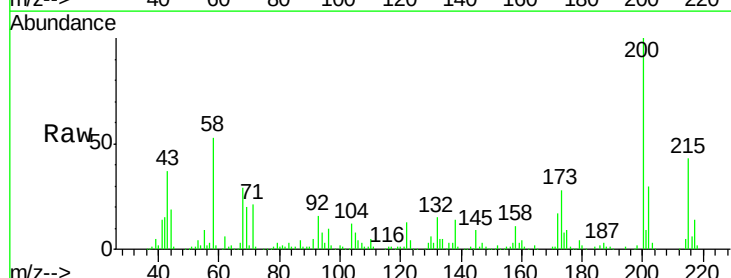
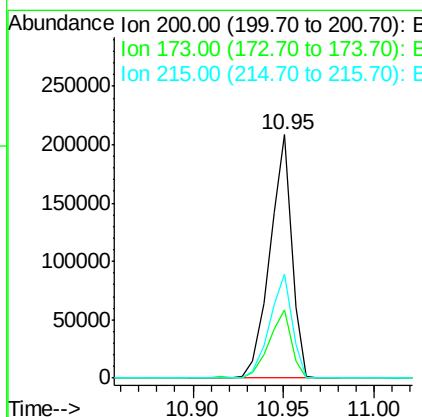
RT: 10.95 min Scan# 1507

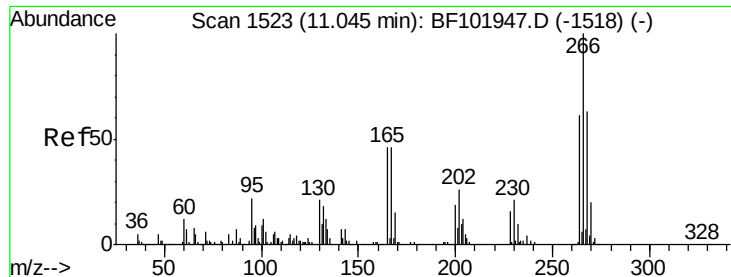
Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	200	Resp:	174706
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.6	48.6
215	42.9	25.1	65.1





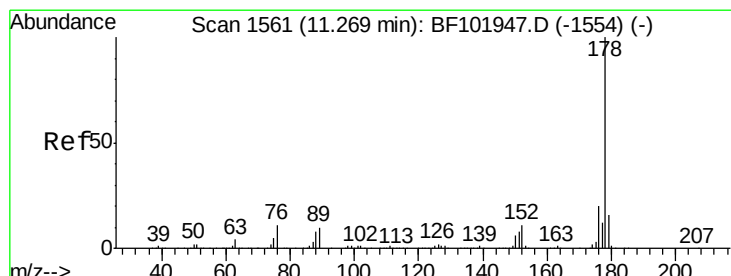
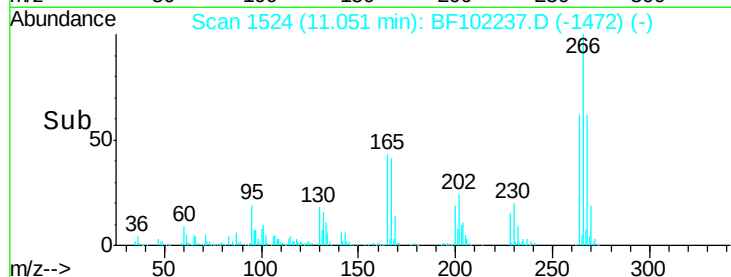
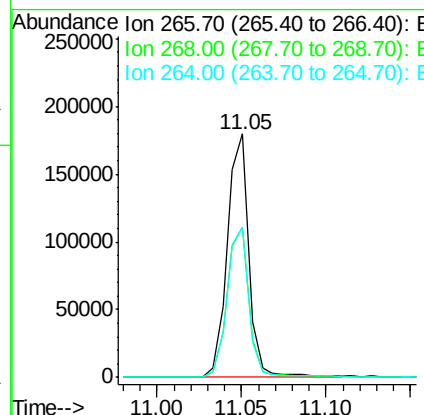
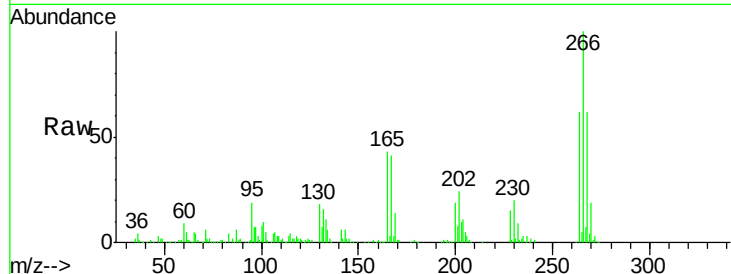
#69
 Pentachlorophenol
 Concen: 52.288 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :
 3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	160737		
268	61.8		51.1	76.7
264	61.8		49.5	74.3

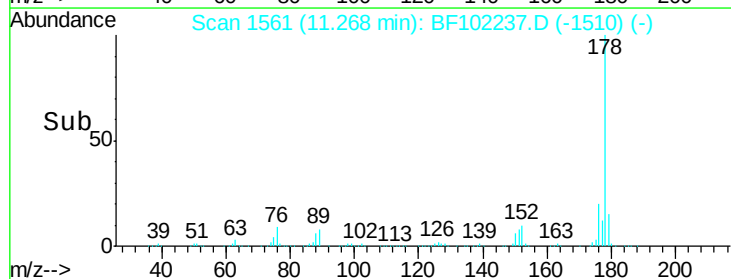
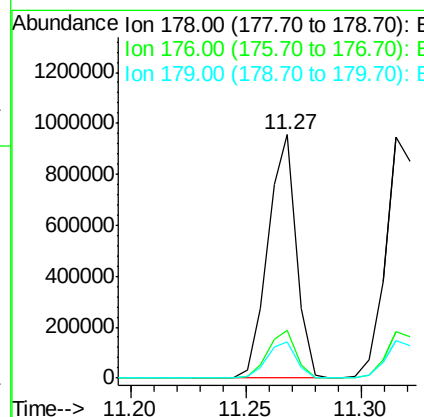
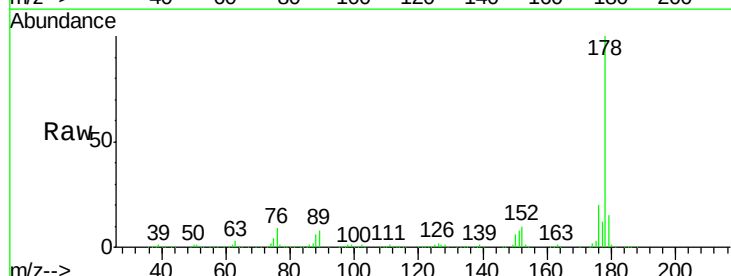
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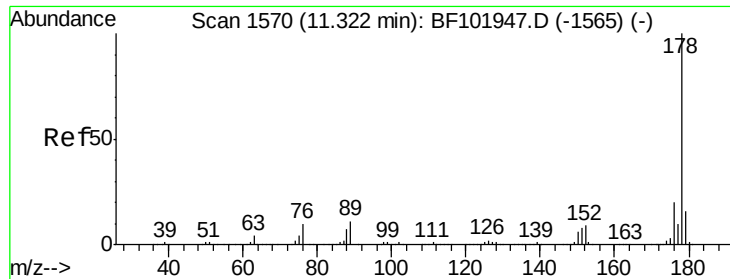
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#70
 Phenanthrene
 Concen: 31.976 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	816750		
176	19.7		15.8	23.8
179	15.1		13.0	19.6





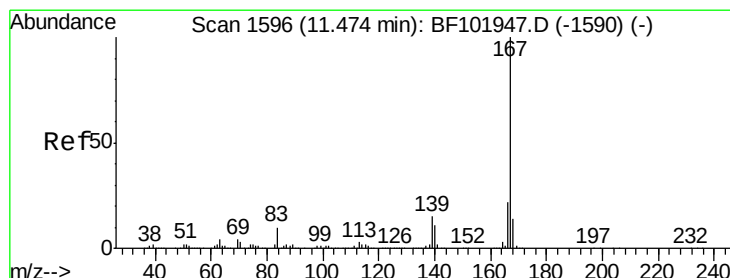
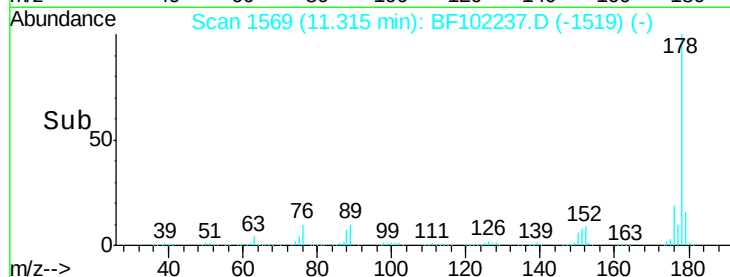
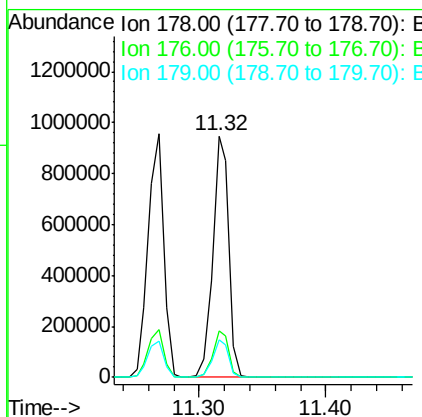
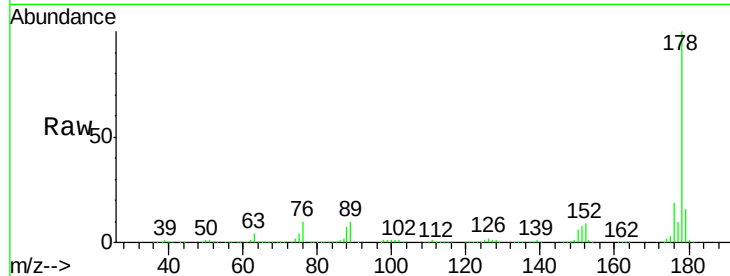
#71
 Anthracene
 Concen: 32.582 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.4	15.4	23.2	
179	15.7	12.6	19.0	

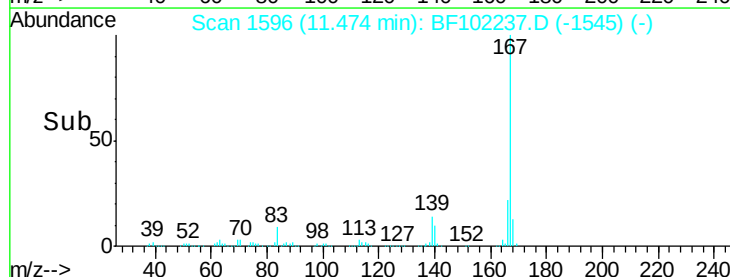
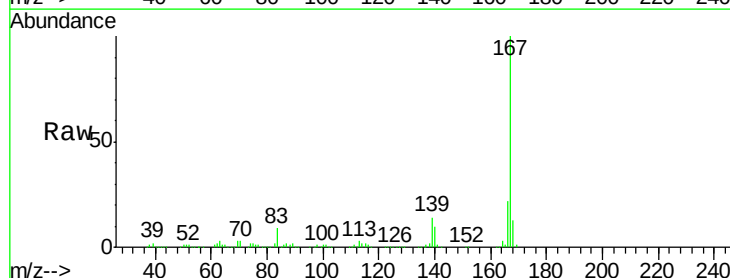
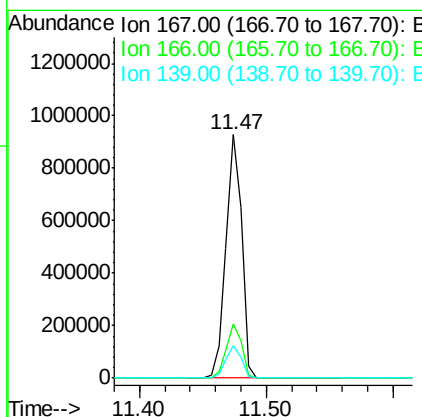
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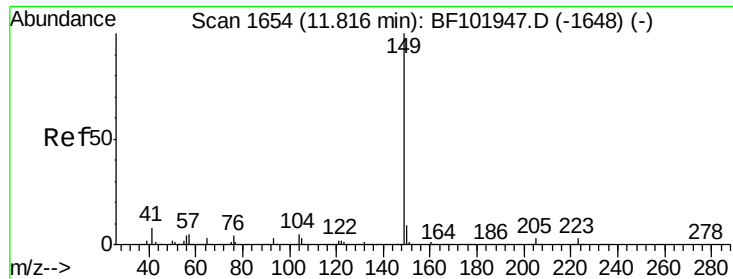
Sohil
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#72
 Carbazole
 Concen: 31.390 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.6	26.4	
139	13.6	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 34.098 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

3C-11MS

Tot Ion:149 Resp: 1065144

Ion Ratio Lower Upper

149 100

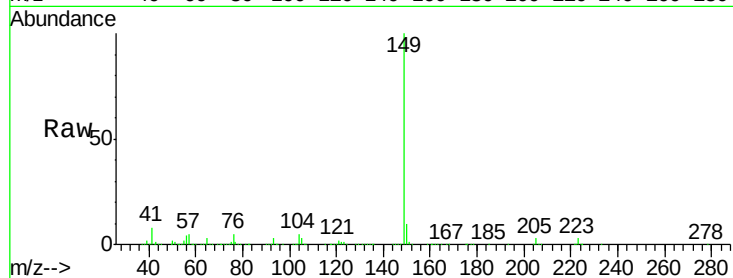
150 9.6 7.8 11.6

104 4.9 3.8 5.8

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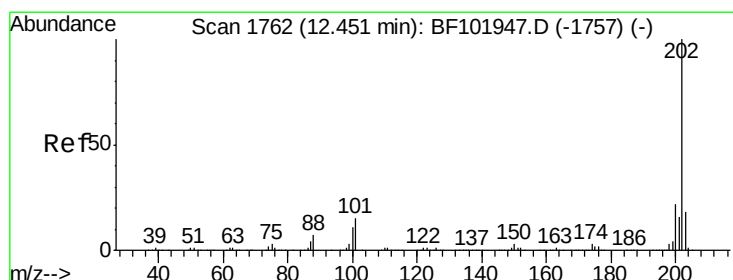
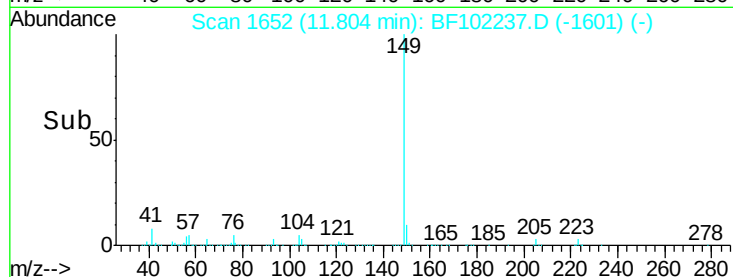
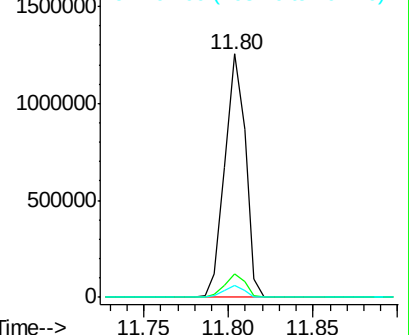
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.303 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

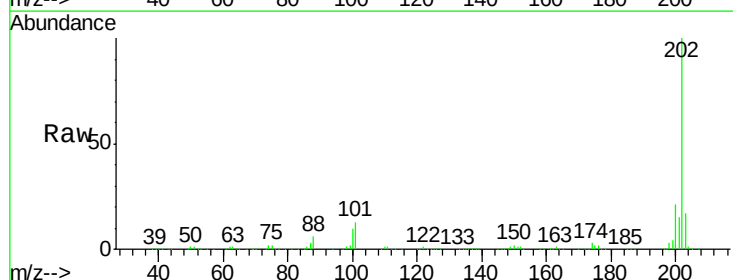
Tgt Ion:202 Resp: 736386

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

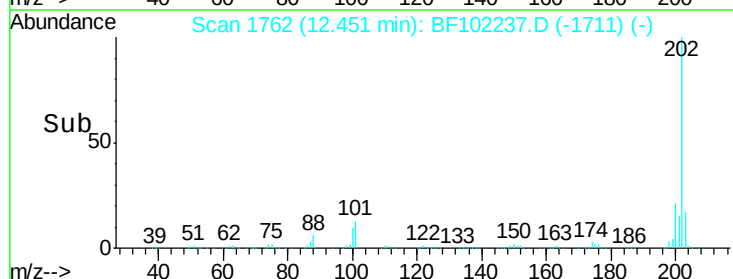
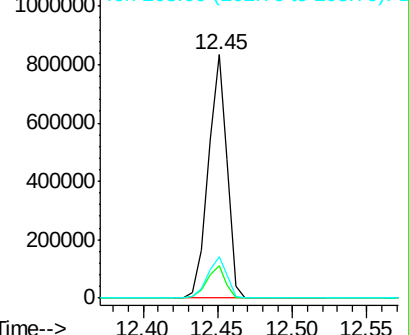
203 17.2 0.0 38.1

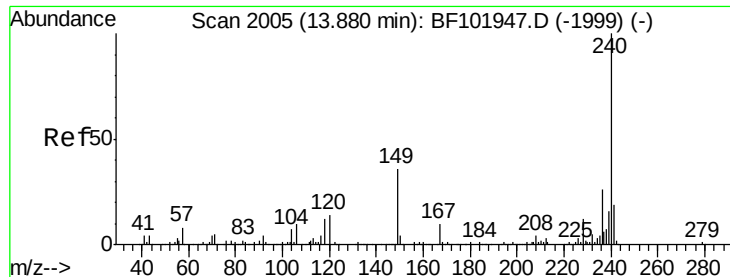


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

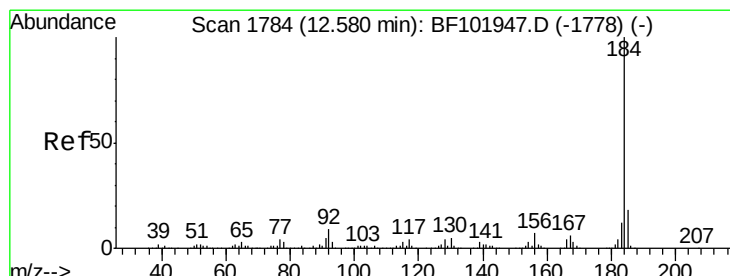
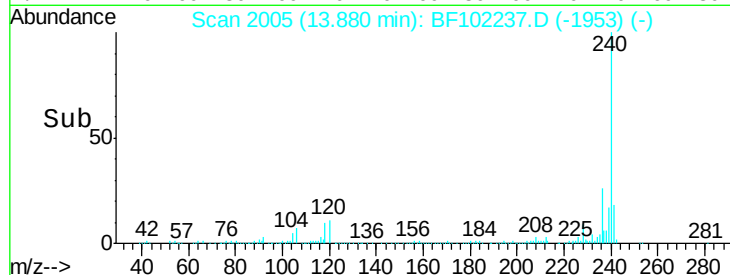
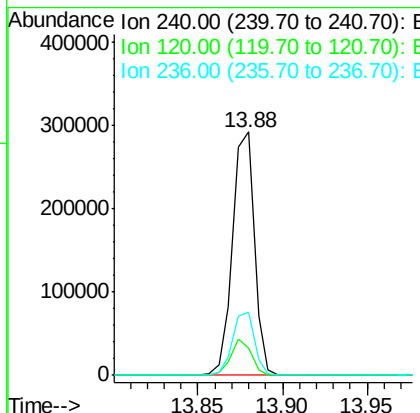
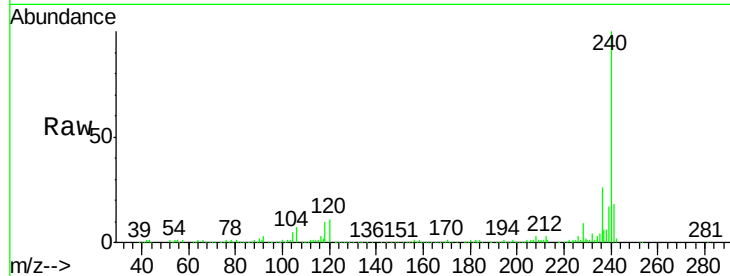
ClientSampleId :

3C-11MS

Tot Ion:	240	Resp:	263277
Ion Ratio		Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 32.377 ng

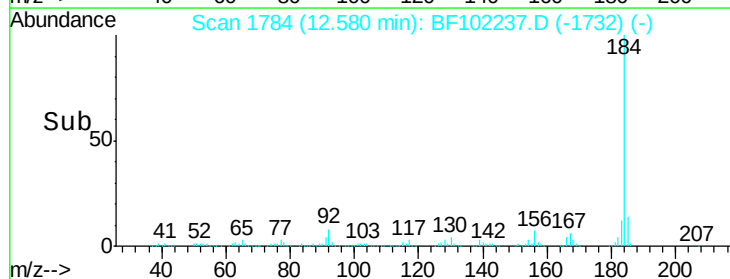
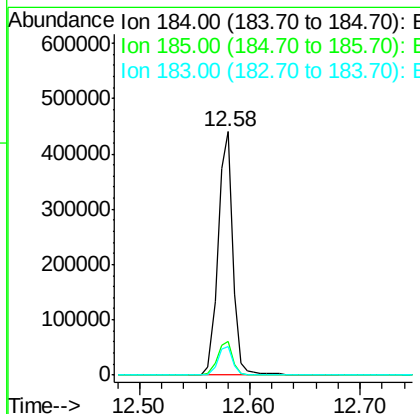
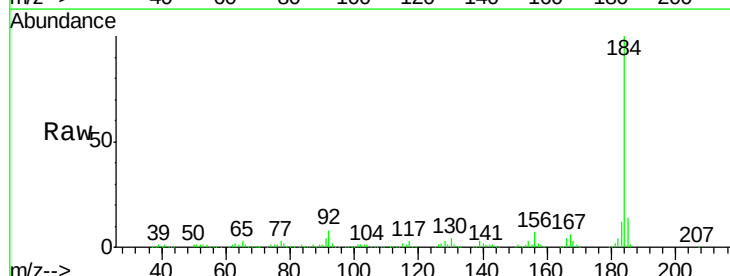
RT: 12.58 min Scan# 1784

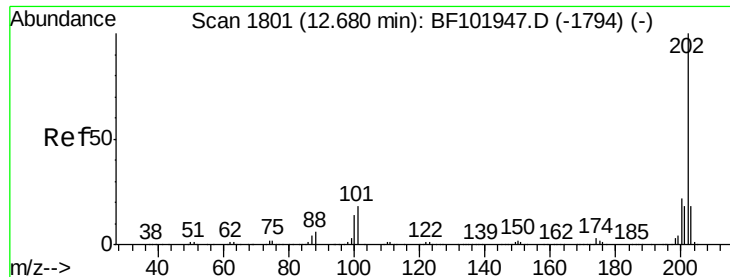
Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	184	Resp:	411618
Ion Ratio		Lower	Upper
184	100		
185	14.0	12.6	18.8
183	12.0	9.3	13.9





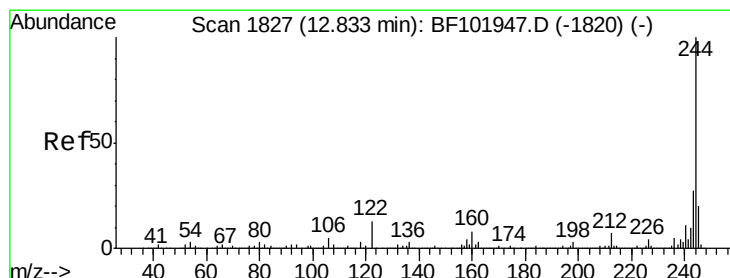
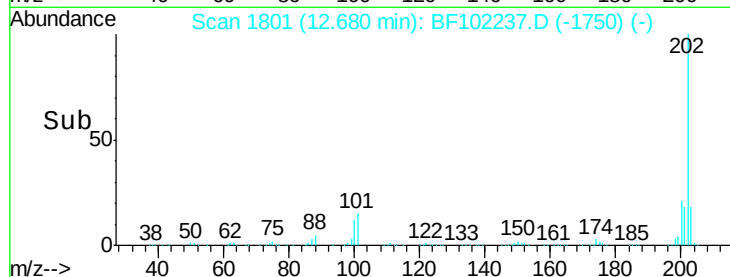
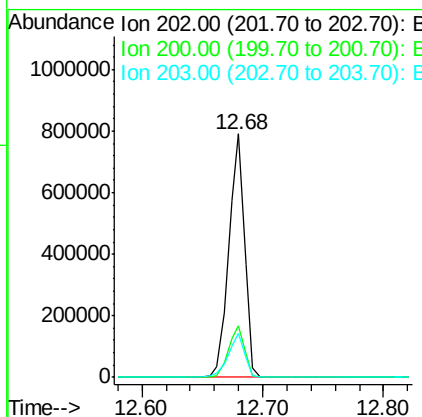
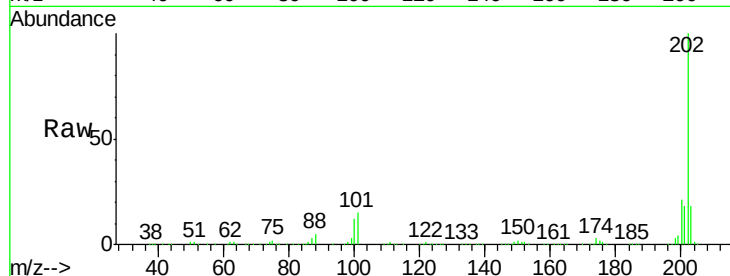
#77
Pvrene
Concen: 30.629 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
3C-11MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5

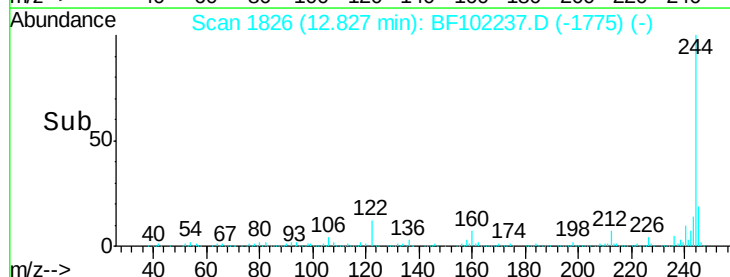
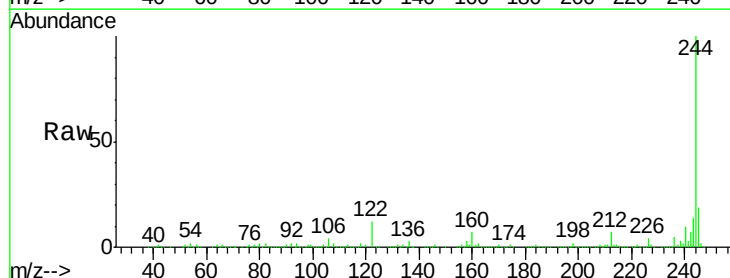
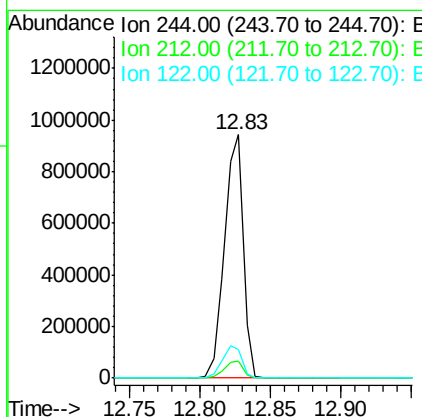
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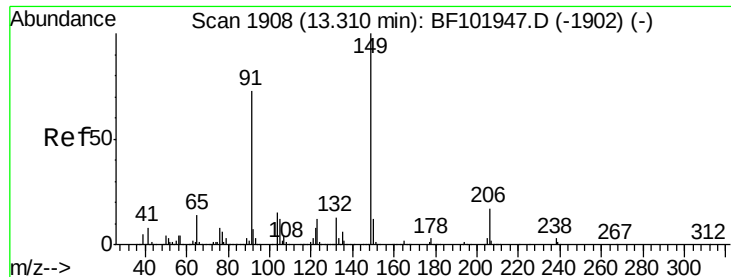
Sohil
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#78
Terphenyl-d14
Concen: 68.667 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.8	11.0	16.4





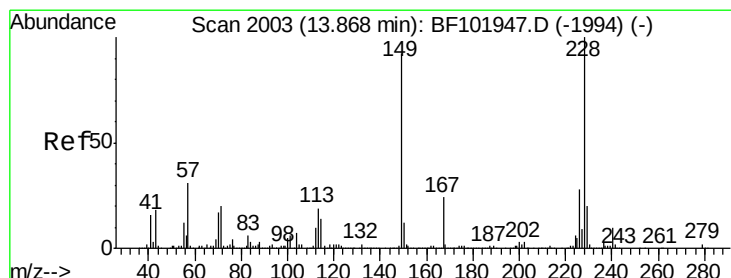
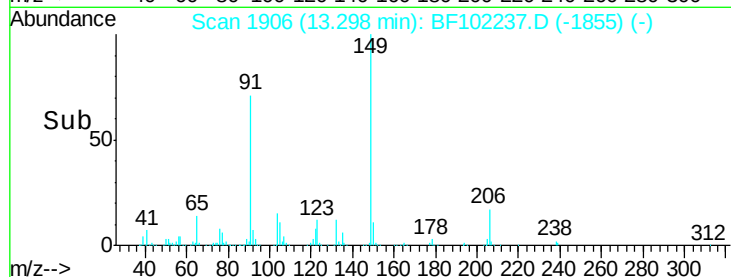
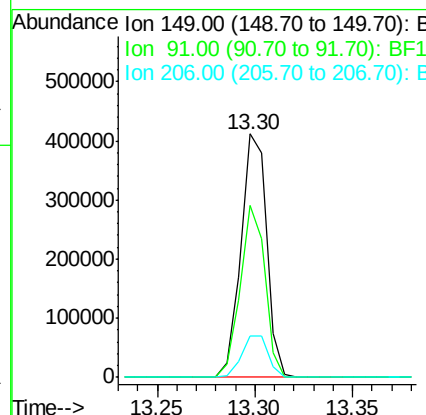
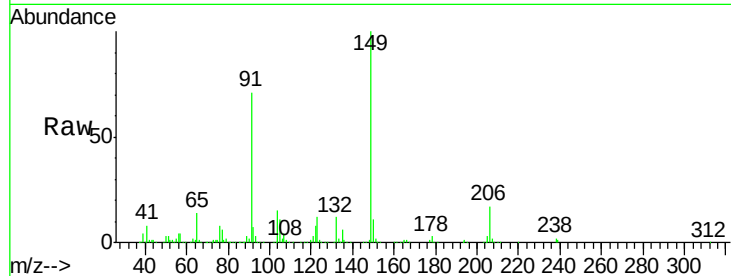
#79
Butylbenzylphthalate
Concen: 35.298 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.8	85.2
206	16.9	14.1	21.1

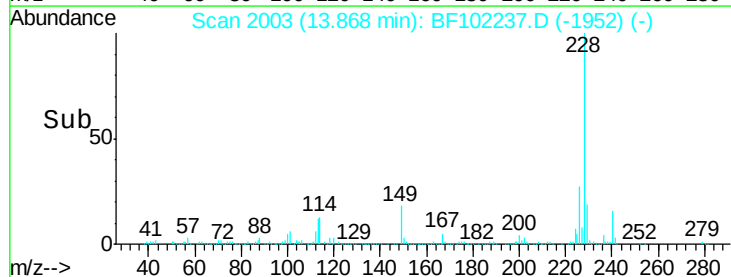
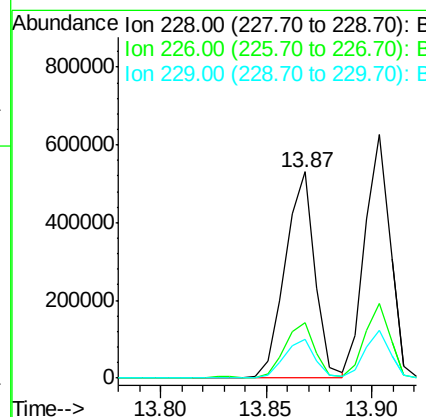
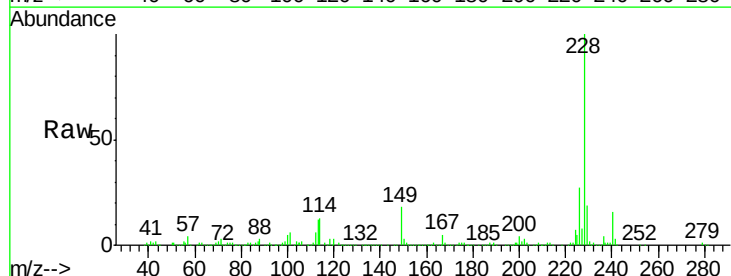
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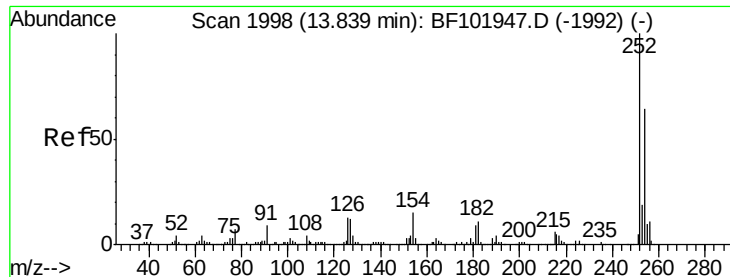
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#80
Benzo(a)anthracene
Concen: 31.122 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	18.9	15.8	23.6





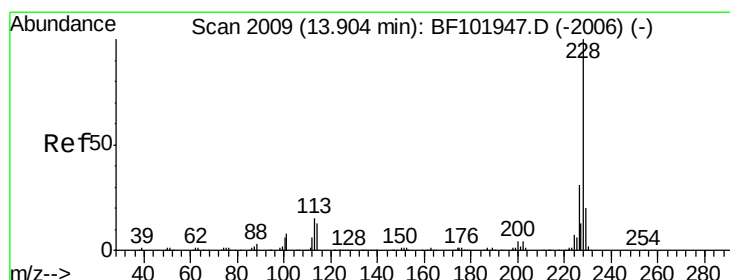
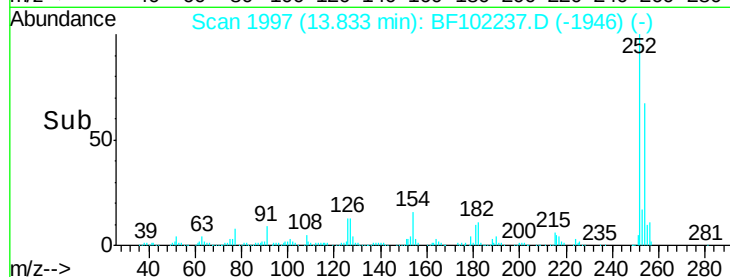
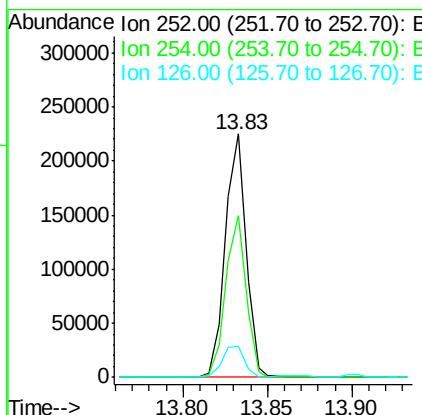
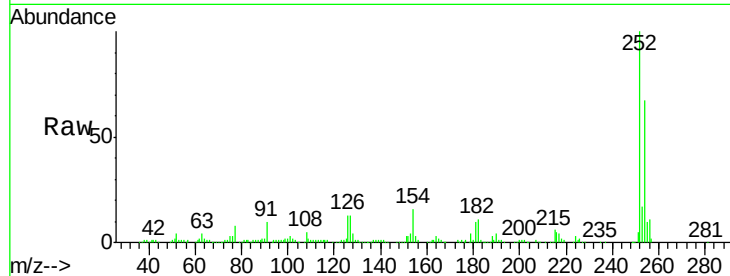
#81
 3,3'-Dichlorobenzidine
 Concen: 31.006 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	192849		
254	66.5	50.4	75.6	
126	12.9	11.3	16.9	

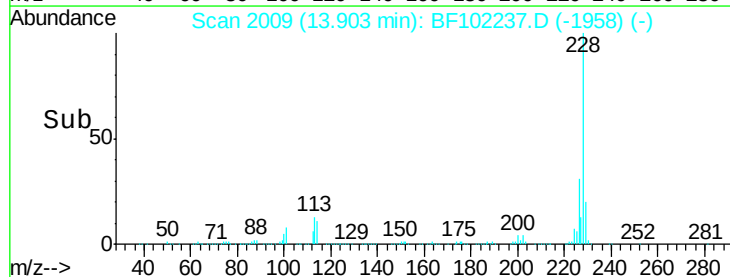
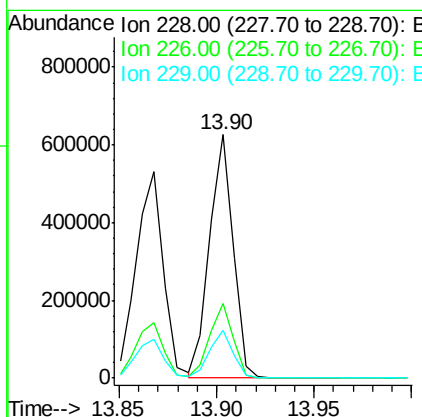
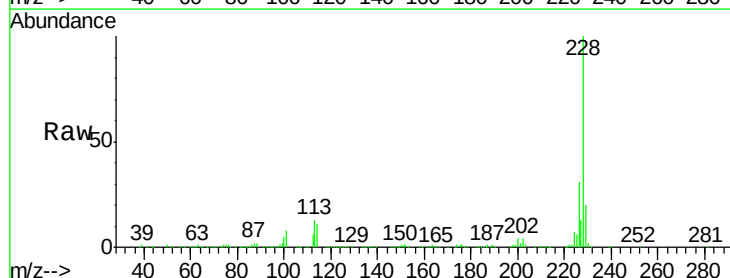
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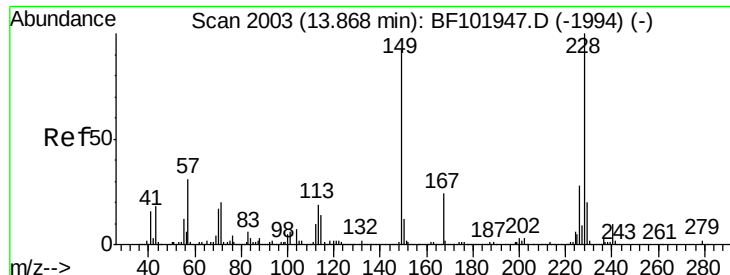
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#82
 Chrysene
 Concen: 30.026 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	525917		
226	30.7	25.0	37.6	
229	19.9	16.2	24.4	





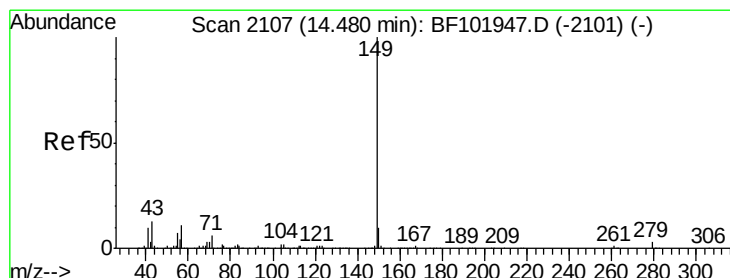
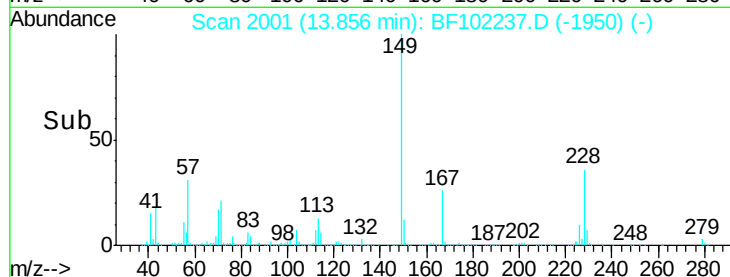
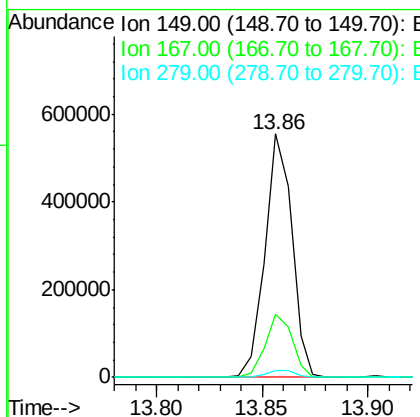
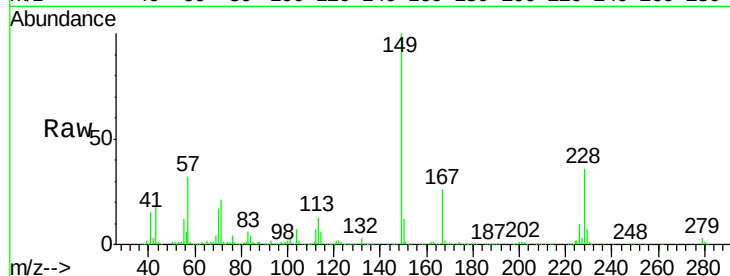
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.466 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	495775		
167	25.7	21.3	31.9	
279	2.8	3.0	4.4#	

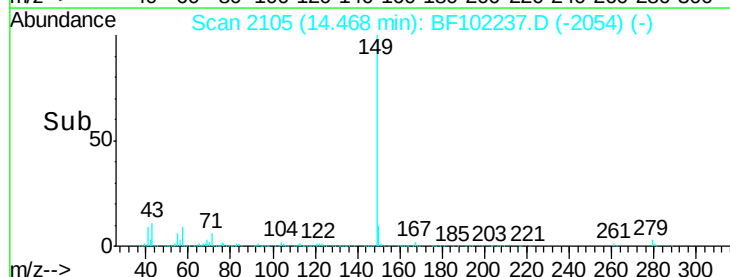
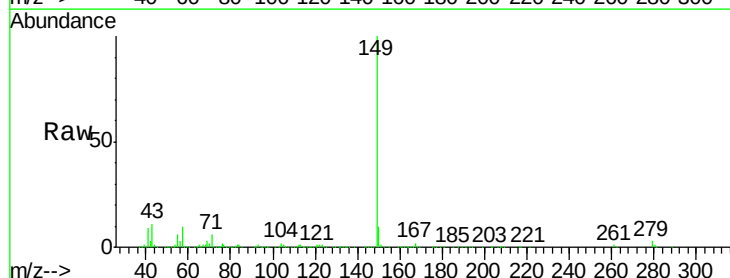
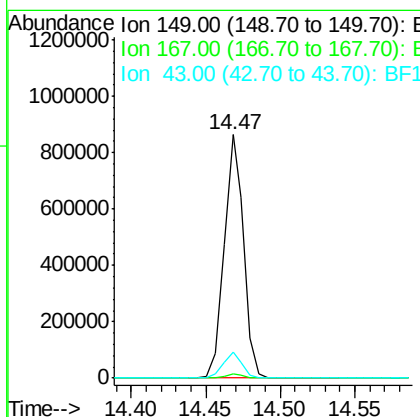
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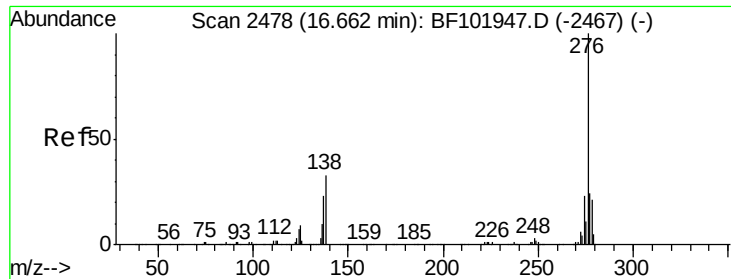
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 38.886 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	790590		
167	1.6	1.2	1.8	
43	10.1	8.4	12.6	





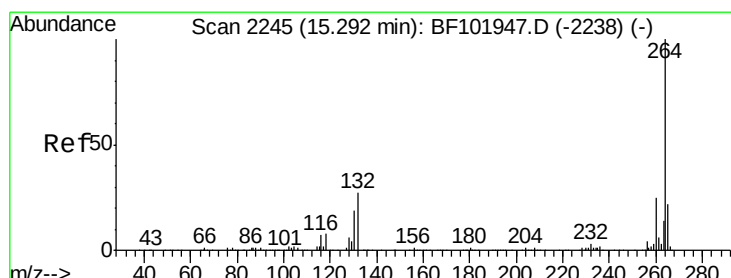
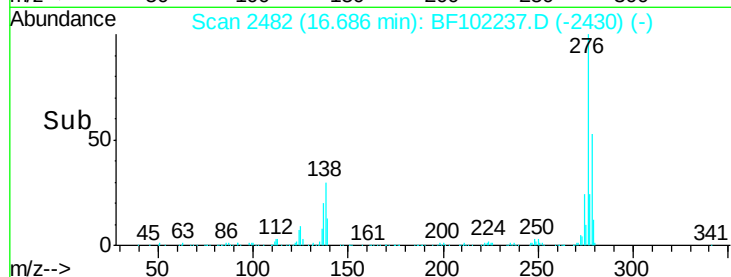
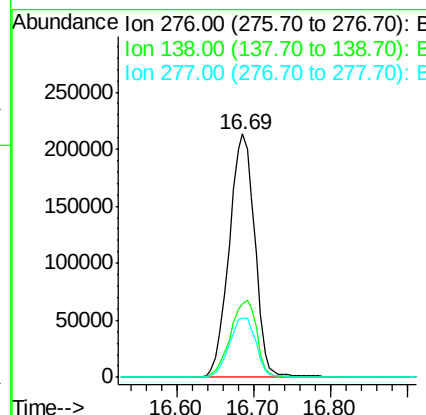
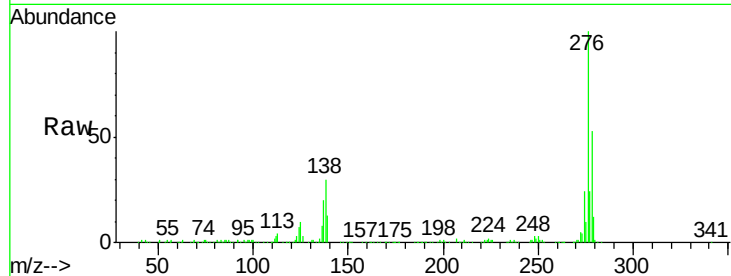
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.913 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :
3C-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.5	20.1	30.1

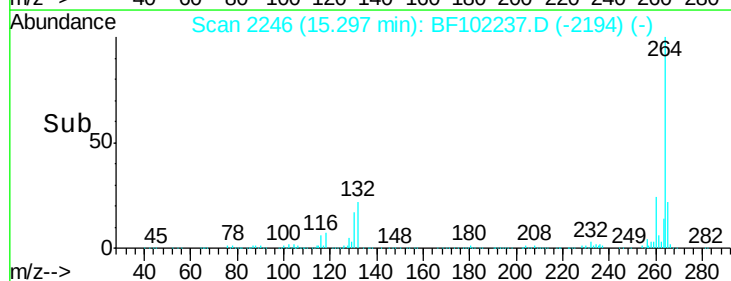
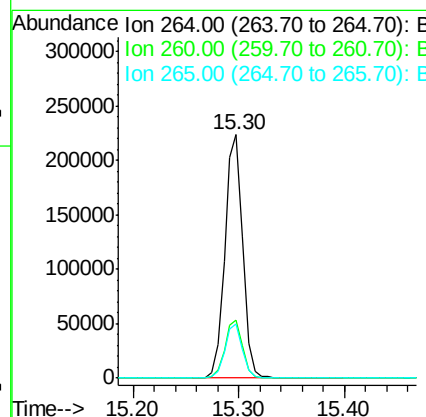
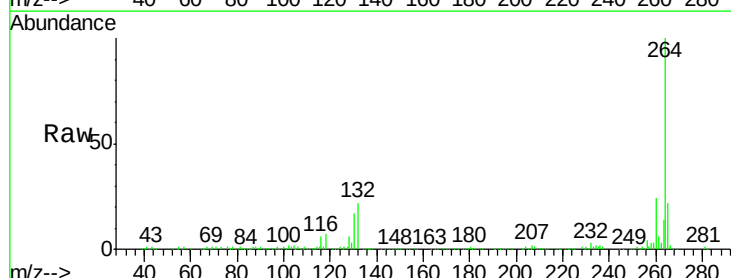
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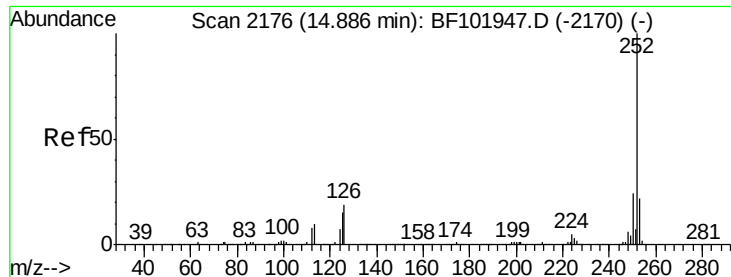
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 30.836 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

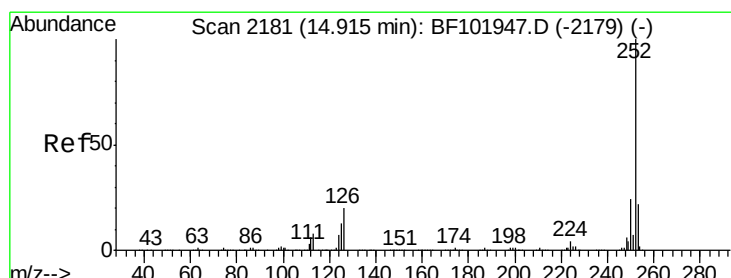
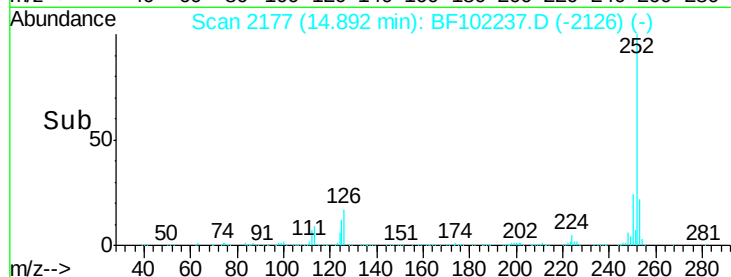
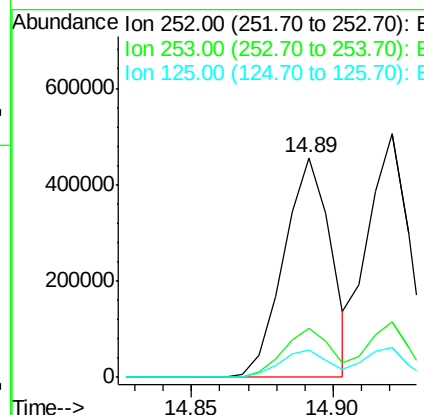
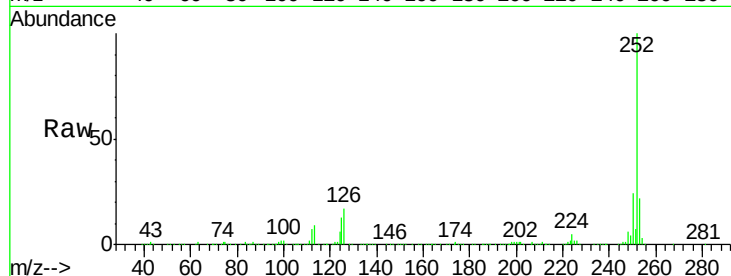
ClientSampleId :

3C-11MS

Tot Ion:	252	Resp:	528848
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	12.5	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 30.654 ng

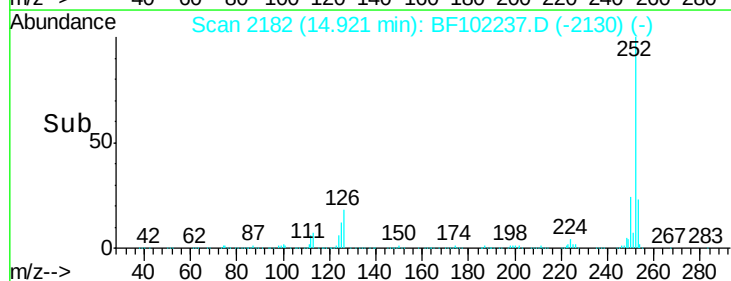
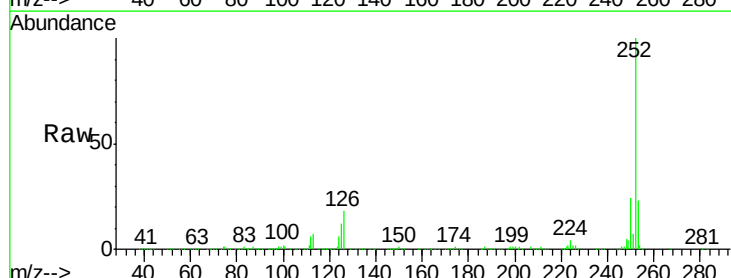
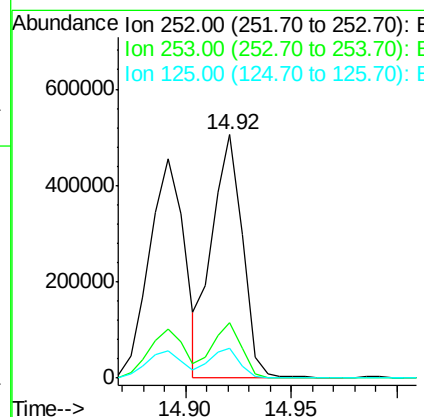
RT: 14.92 min Scan# 2182

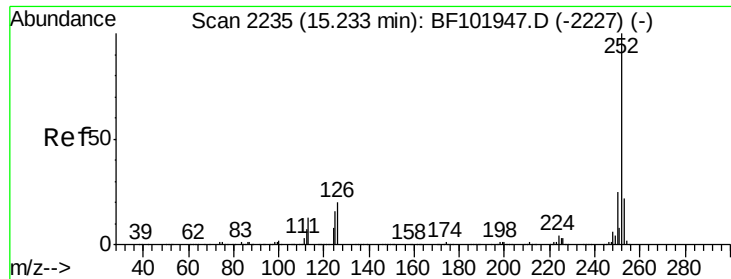
Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:	252	Resp:	507160
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	12.4	10.2	15.2





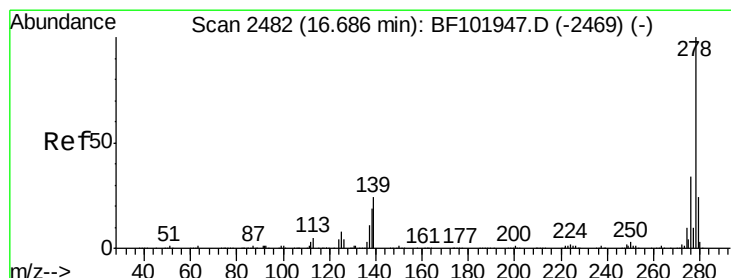
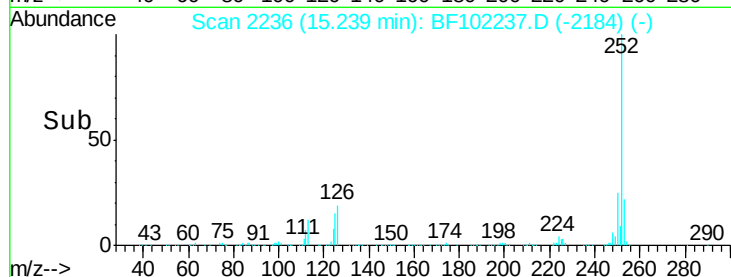
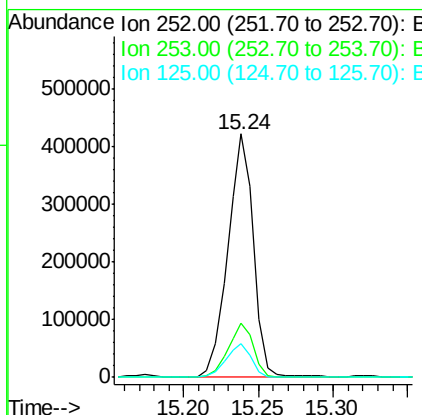
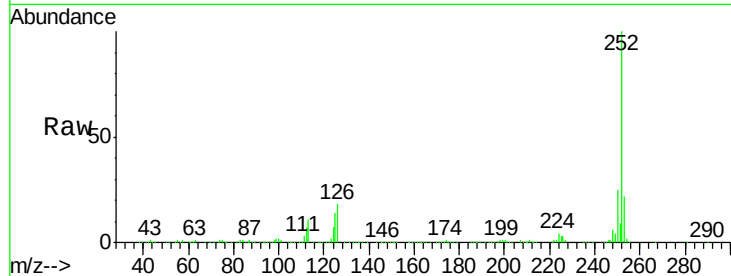
#89
Benzo(a)pyrene
Concen: 32.796 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
3C-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.0	9.8	14.6

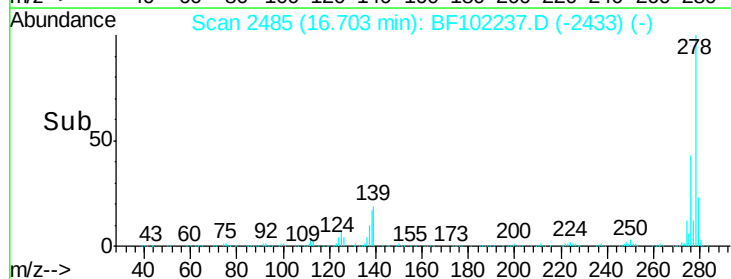
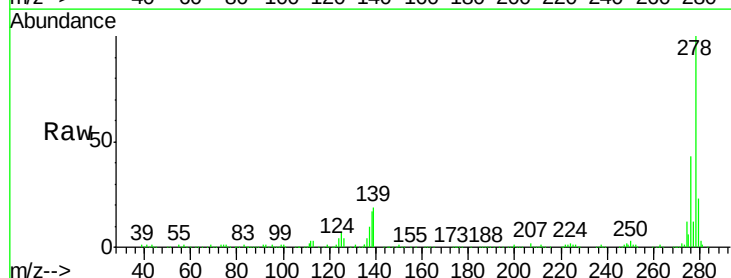
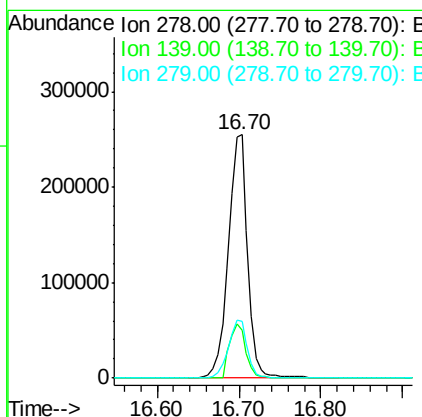
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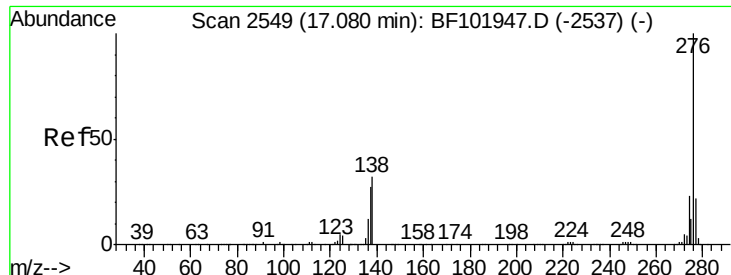
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#90
Dibenzo(a,h)anthracene
Concen: 34.080 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.017 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 3C-11MS

Tot Ion:	276	Resp:	397216
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.1	21.8	32.8

Manual Integrations
 APPROVED

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 1/22/2018 5:24:38 PM

