

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100249.D
 Acq On : 6 Nov 2017 14:01
 Operator : SJ/JU
 Sample : PB103849BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:42 PM

Quant Time: Nov 07 10:27:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99539	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	411146	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	193573	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	353977	20.00	ng	0.00
75) Chrysene-d12	13.94	240	263609	20.00	ng	0.00
86) Perylene-d12	15.40	264	200491	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	756172	119.27	ng	0.02
7) Phenol-d6	6.42	99	847866	112.78	ng	0.00
23) Nitrobenzene-d5	7.33	82	482365	75.53	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	199877	113.30	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1009867	80.49	ng	0.00
78) Terphenyl-d14	12.87	244	921652	76.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	91260	32.595	ng	# 88
3) Pyridine	3.33	79	216156m	32.104	ng	
4) n-Nitrosodimethylamine	3.29	42	81806	34.010	ng	# 69
6) Aniline	6.43	93	218448	22.411	ng	# 53
8) 2-Chlorophenol	6.55	128	277117	41.010	ng	92
9) Benzaldehyde	6.33	77	98950	22.027	ng	88
10) Phenol	6.43	94	316740	38.374	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	238671	37.445	ng	94
12) 1,3-Dichlorobenzene	6.70	146	290215m	38.250	ng	
13) 1,4-Dichlorobenzene	6.77	146	298938	38.821	ng	97
14) 1,2-Dichlorobenzene	6.93	146	267305	38.088	ng	96
15) Benzyl Alcohol	6.92	79	195084	40.804	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	295555	41.743	ng	52
17) 2-Methylphenol	7.03	107	223670	39.572	ng	# 92
18) Hexachloroethane	7.26	117	96569	37.589	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	168542	38.257	ng	88
20) 3+4-Methylphenols	7.19	107	305168	46.368	ng	93
22) Acetophenone	7.18	105	358422	38.287	ng	# 90
24) Nitrobenzene	7.35	77	251513	39.087	ng	90
25) Isophorone	7.59	82	480228	41.441	ng	97
26) 2-Nitrophenol	7.67	139	157959	42.860	ng	# 84
27) 2,4-Dimethylphenol	7.71	122	249036	45.861	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	315331	38.854	ng	99
29) 2,4-Dichlorophenol	7.92	162	246758	43.743	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	234360	38.883	ng	99
31) Naphthalene	8.06	128	780737	39.339	ng	100
32) Benzoic acid	7.89	122	154023	32.224	ng	95
33) 4-Chloroaniline	8.13	127	108152	13.197	ng	96
34) Hexachlorobutadiene	8.16	225	116744	37.657	ng	99
35) Caprolactam	8.52	113	76343m	43.035	ng	
36) 4-Chloro-3-methylphenol	8.63	107	242606	42.136	ng	95
37) 2-Methylnaphthalene	8.75	142	542367	40.780	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	231456	37.022	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	56543	51.369	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148651	39.308	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	144748	36.069	ng	93
45) 1,1'-Biphenyl	9.22	154	651637	37.212	ng	99
46) 2-Chloronaphthalene	9.25	162	508123	39.955	ng	97
47) 2-Nitroaniline	9.36	65	132780	39.781	ng	# 83
48) Acenaphthylene	9.66	152	761682	38.886	ng	99
49) Dimethylphthalate	9.52	163	581564	37.938	ng	99
50) 2,6-Dinitrotoluene	9.60	165	133147	41.317	ng	# 81
51) Acenaphthene	9.83	154	462821	38.670	ng	99
52) 3-Nitroaniline	9.78	138	85221	22.443	ng	82
53) 2,4-Dinitrophenol	9.91	184	95809	75.639	ng	# 79
54) Dibenzofuran	10.00	168	704108	41.677	ng	100
55) 4-Nitrophenol	9.97	139	69213m	34.885	ng	
56) 2,4-Dinitrotoluene	10.02	165	187928	48.423	ng	# 76
57) Fluorene	10.35	166	559114	39.971	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	123226	43.795	ng	91
59) Diethylphthalate	10.22	149	560887	37.468	ng	96
60) 4-Chlorophenyl-phenylether	10.33	204	254797	38.704	ng	93
61) 4-Nitroaniline	10.41	138	146644	40.479	ng	81
62) Azobenzene	10.50	77	484123	38.579	ng	88
64) 4,6-Dinitro-2-methylphenol	10.44	198	80041	35.972	ng	# 72
65) n-Nitrosodiphenylamine	10.46	169	497943	38.107	ng	98
66) 4-Bromophenyl-phenylether	10.82	248	150153	40.293	ng	93
67) Hexachlorobenzene	10.90	284	152613	40.030	ng	95
68) Atrazine	10.99	200	151969	38.717	ng	98
69) Pentachlorophenol	11.11	266	90053	55.279	ng	96
70) Phenanthrene	11.32	178	791303	39.611	ng	99
71) Anthracene	11.37	178	825896	40.730	ng	99
72) Carbazole	11.53	167	784322	41.132	ng	98
73) Di-n-butylphthalate	11.83	149	889673	36.580	ng	99
74) Fluoranthene	12.51	202	828481	39.907	ng	98
76) Benzidine	12.63	184	248003	21.500	ng	98
77) Pyrene	12.74	202	838740	41.844	ng	99
79) Butylbenzylphthalate	13.34	149	378640	38.360	ng	86
80) Benzo(a)anthracene	13.93	228	657462	39.343	ng	98
81) 3,3'-Dichlorobenzidine	13.89	252	137827	22.721	ng	97
82) Chrysene	13.97	228	634086	40.360	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	496225	35.799	ng	100
84) Di-n-octyl phthalate	14.50	149	850498	35.749	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.87	276	443007	30.716	ng	96
87) Benzo(b)fluoranthene	14.98	252	500697	39.549	ng	97
88) Benzo(k)fluoranthene	15.01	252	539727	45.211	ng	100
89) Benzo(a)pyrene	15.34	252	479772	42.188	ng	98
90) Dibenzo(a,h)anthracene	16.86	278	375590	37.169	ng	96
91) Benzo(g,h,i)perylene	17.32	276	387835	39.230	ng	98

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

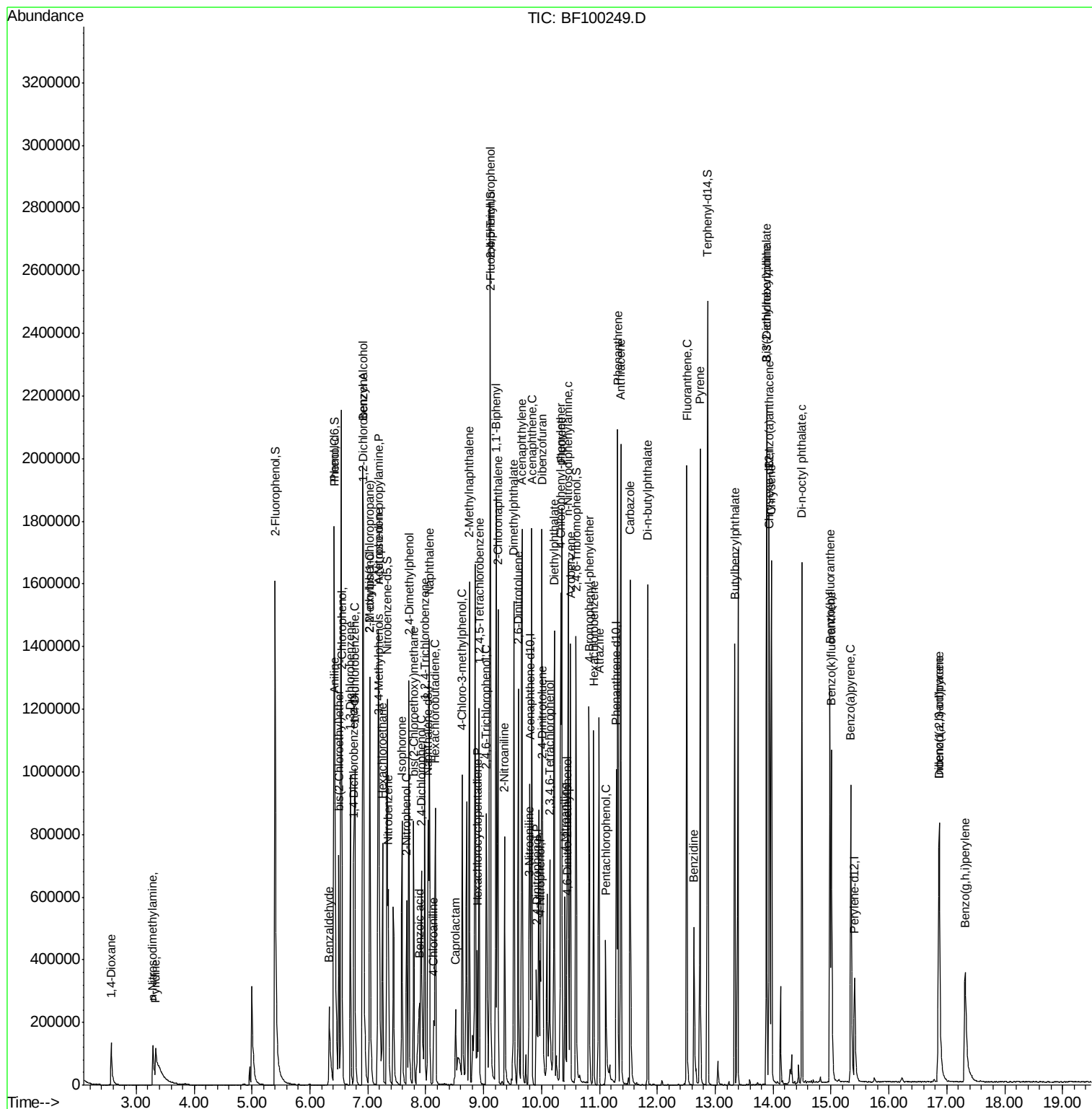
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Data File : BF100249.D  
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
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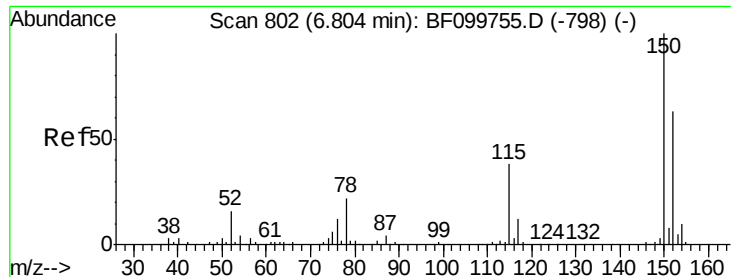
Instrument :
BNA_F
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#1

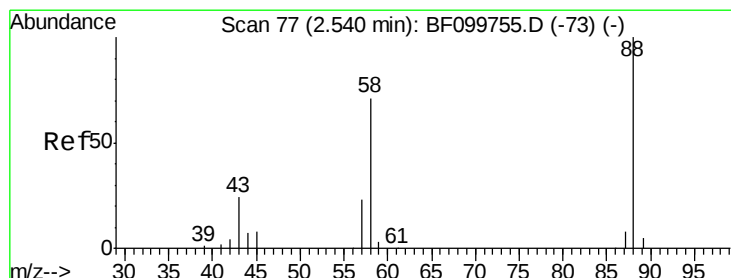
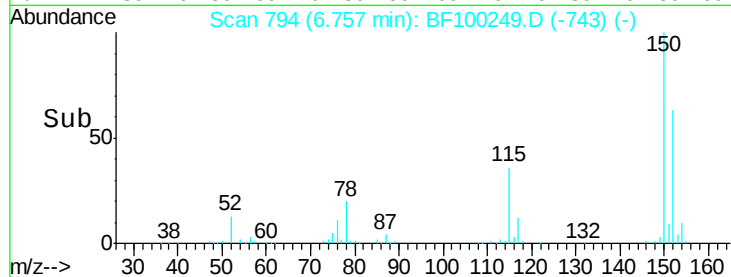
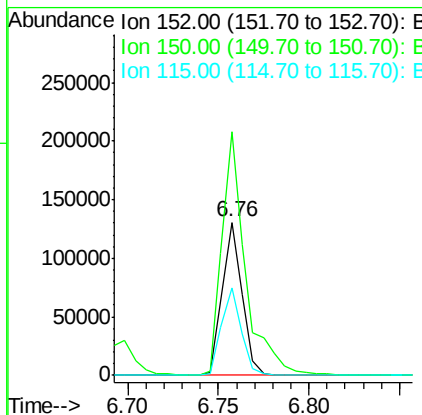
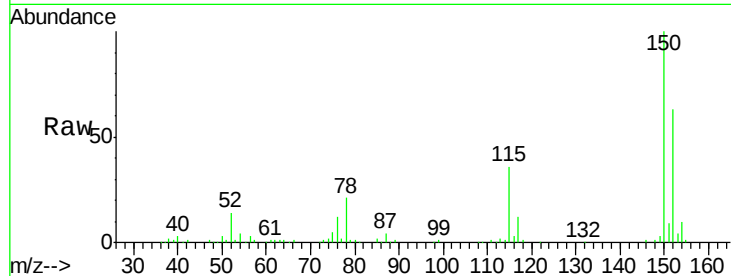
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampled :
PB103849BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	57.0	50.1	75.1

Manual Integrations
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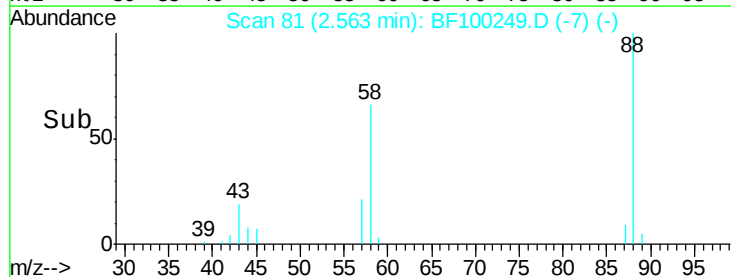
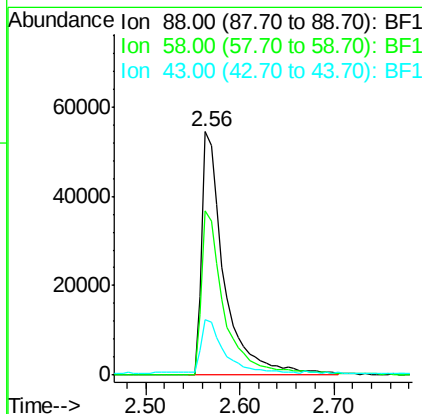
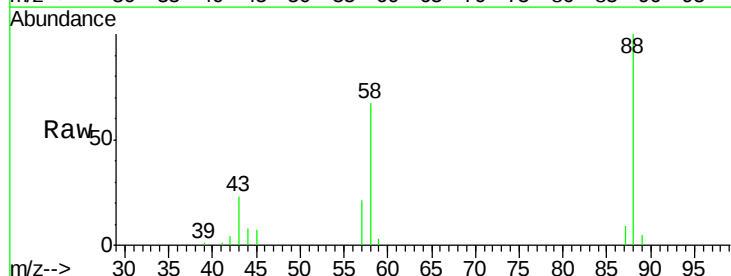
Sohil
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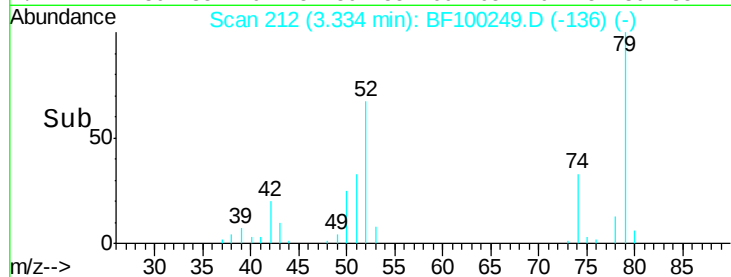
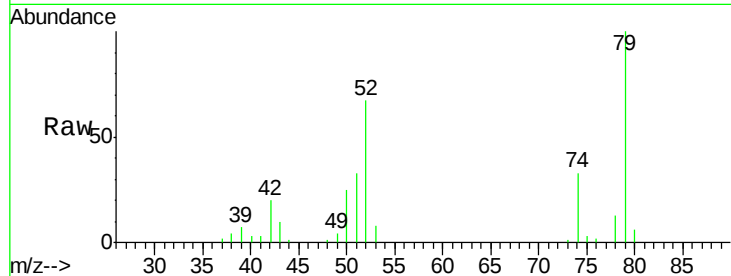
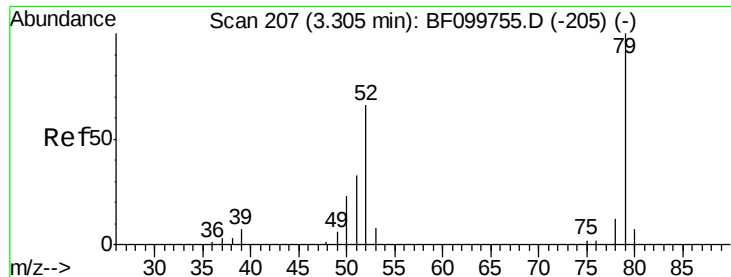


#2

1,4-Dioxane
Concen: 32.595 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.14 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	62.6	93.8
43	22.0	24.6	37.0





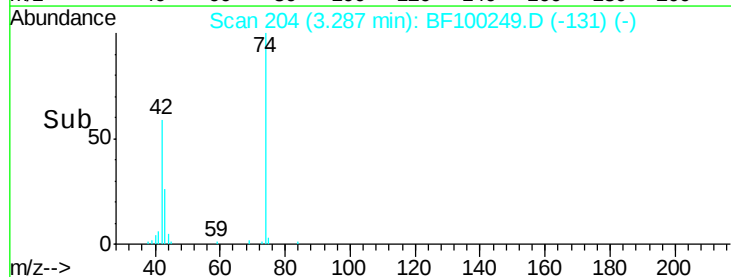
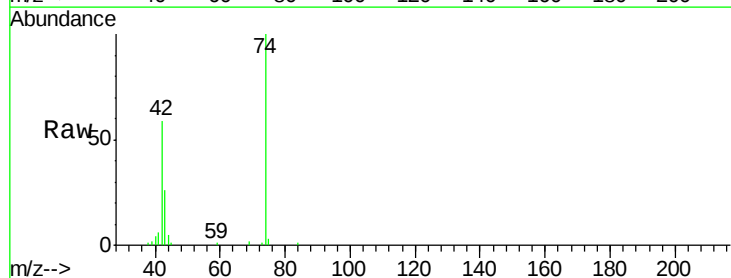
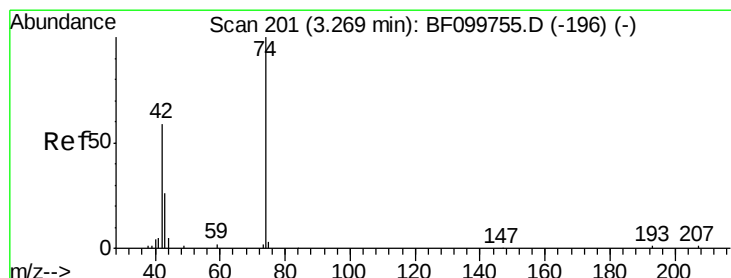
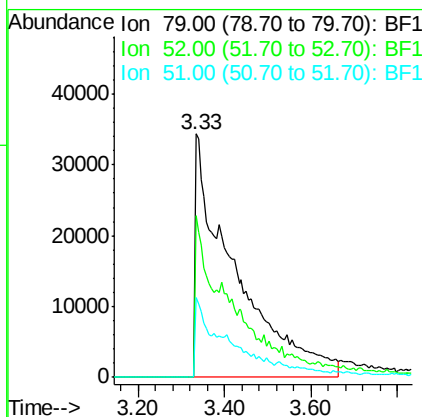
#3
Pyridine
Concen: 32.104 ng m
RT: 3.33 min Scan# 212
Delta R.T. 0.15 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion:	79	Resp:	216156
Ion	Ratio	Lower	Upper
79	100		
52	66.7	59.8	89.6
51	32.9	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB103849BS

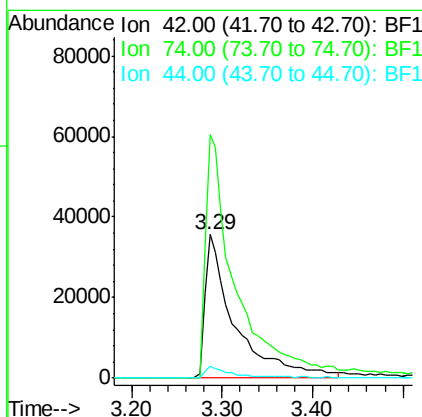
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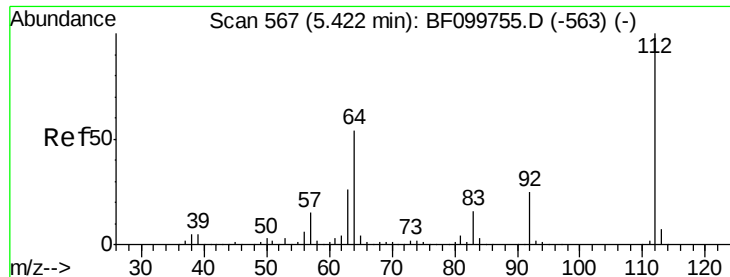
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#4
n-Nitrosodimethylamine
Concen: 34.010 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.13 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion:	42	Resp:	81806
Ion	Ratio	Lower	Upper
42	100		
74	170.1	104.9	157.3#
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 119.266 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

PB103849BS

Tgt Ion: 112 Resp: 756172
Ion Ratio Lower Upper

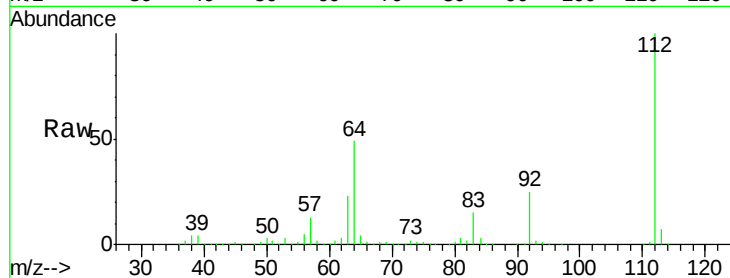
112 100

64 49.4 47.9 71.9

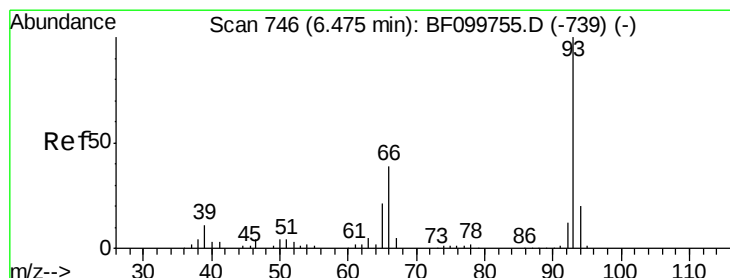
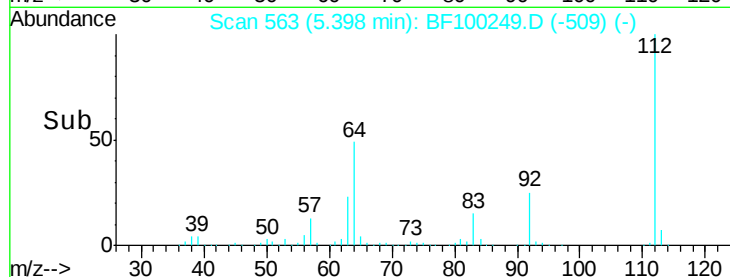
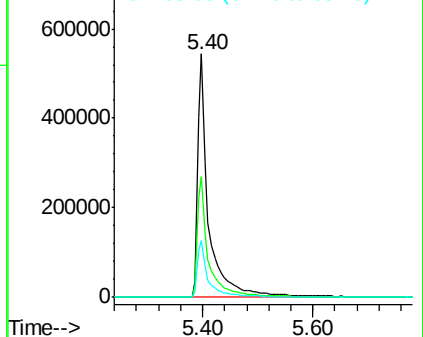
63 23.1 23.7 35.5#

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.411 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100249.D

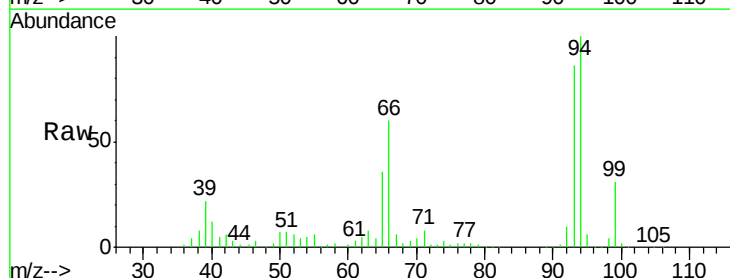
Acq: 6 Nov 2017 14:01

Tgt Ion: 93 Resp: 218448
Ion Ratio Lower Upper

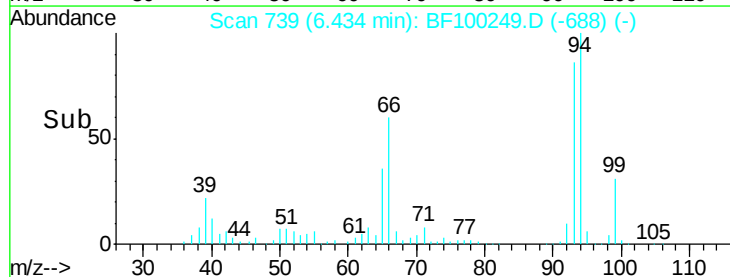
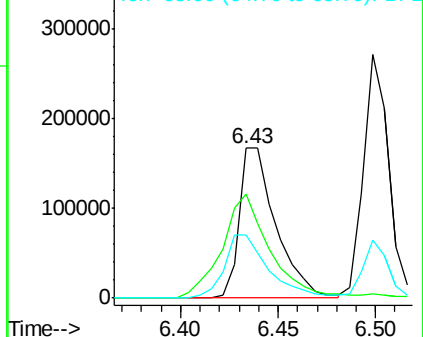
93 100

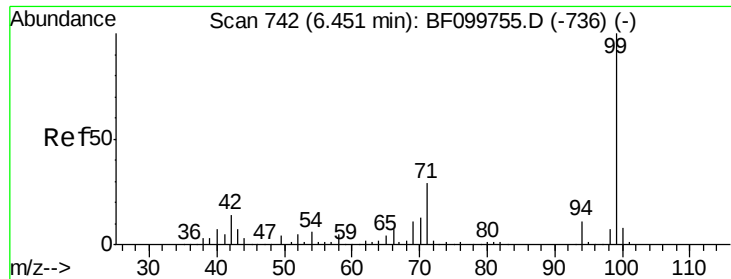
66 69.8 32.2 48.2#

65 41.8 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.783 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

PB103849BS

Tgt Ion: 99 Resp: 847866

Ion Ratio Lower Upper

99 100

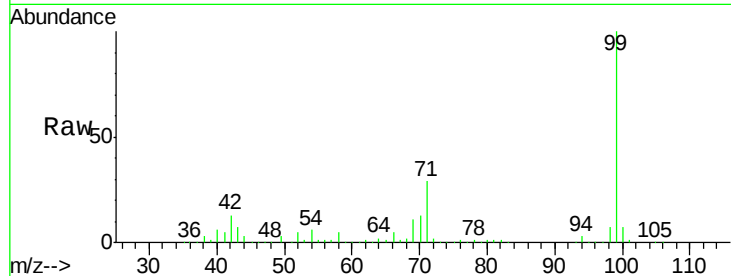
42 13.4 14.5 21.7#

71 28.9 25.4 38.0

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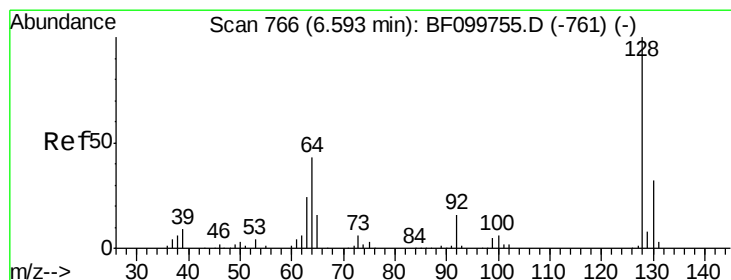
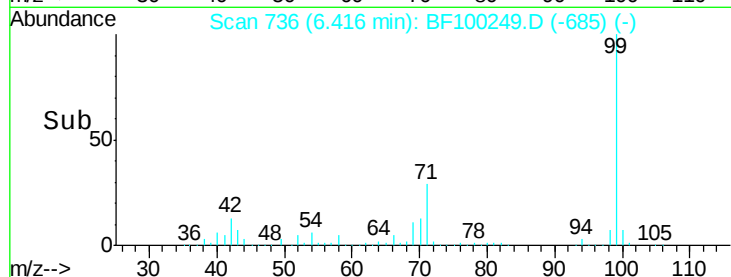
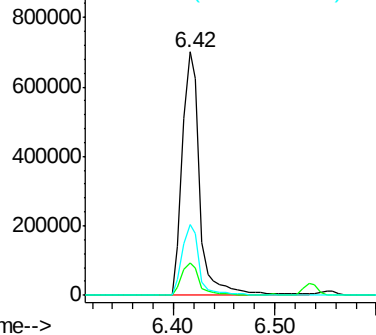
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.010 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

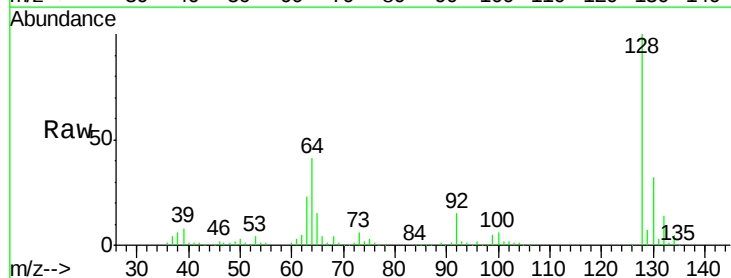
Tgt Ion: 128 Resp: 277117

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

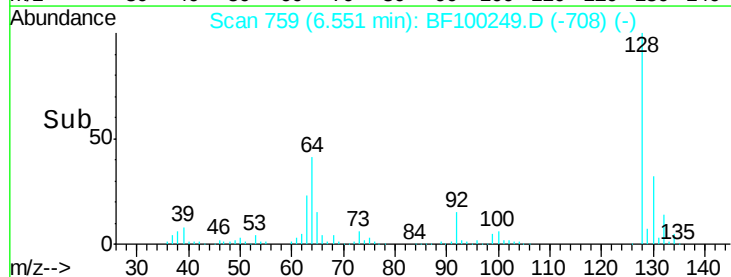
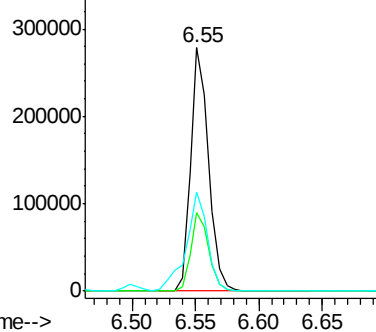
64 40.8 29.4 69.4

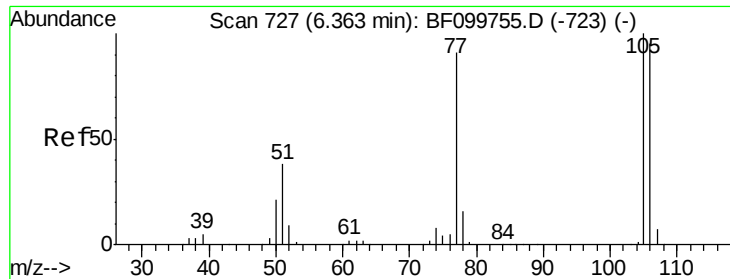


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.027 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

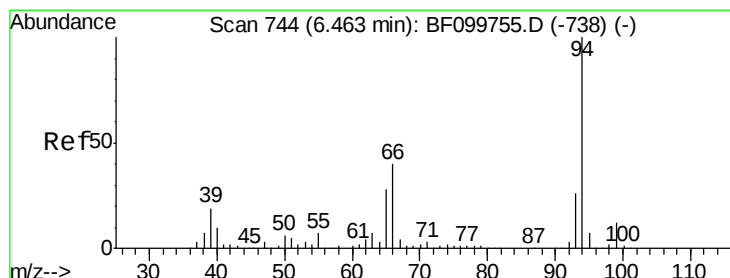
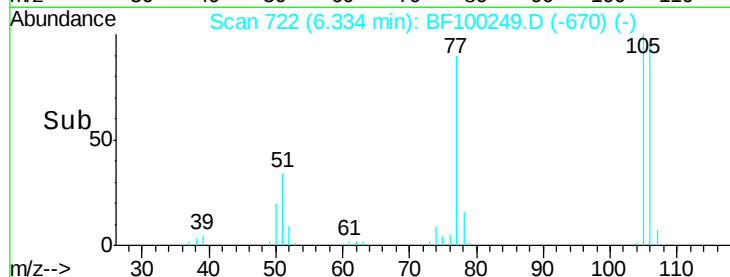
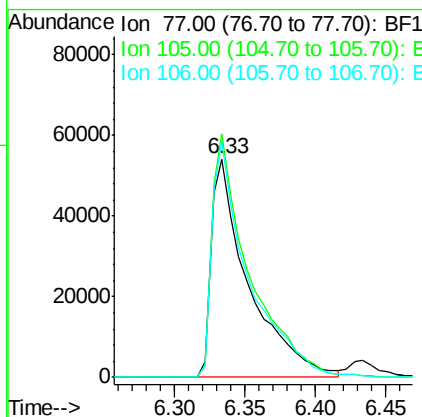
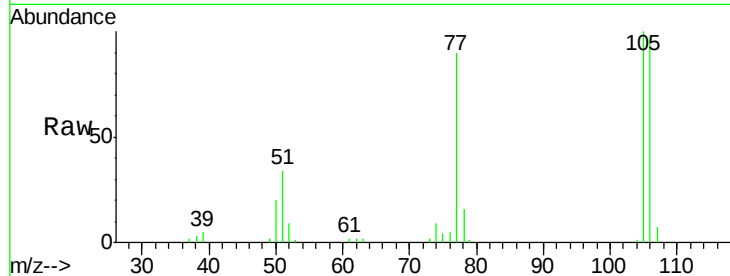
ClientSampleId :

PB103849BS

Tgt Ion:	77	Resp:	98950
Ion	Ratio	Lower	Upper
77	100		
105	111.5	81.1	121.1
106	108.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.374 ng

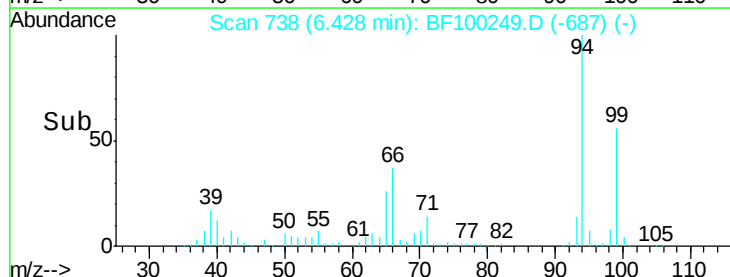
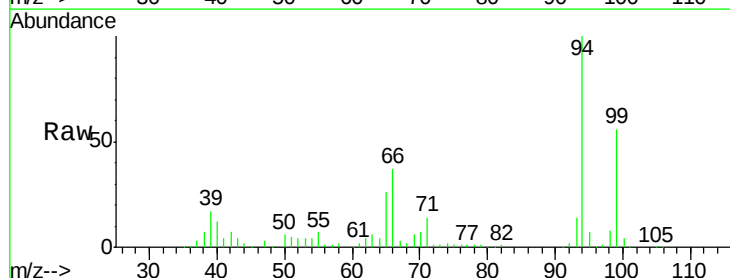
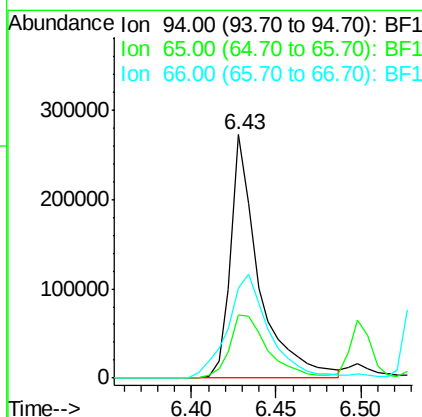
RT: 6.43 min Scan# 738

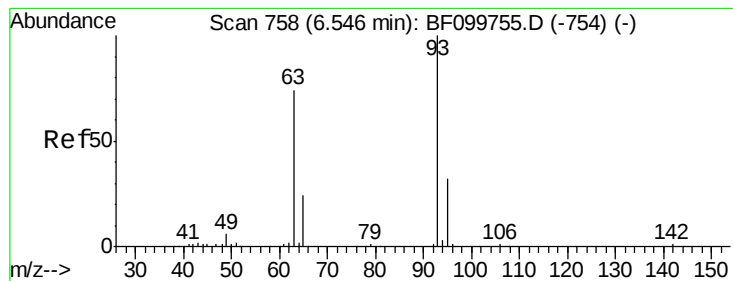
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	94	Resp:	316740
Ion	Ratio	Lower	Upper
94	100		
65	25.7	7.9	47.9
66	36.9	16.2	56.2





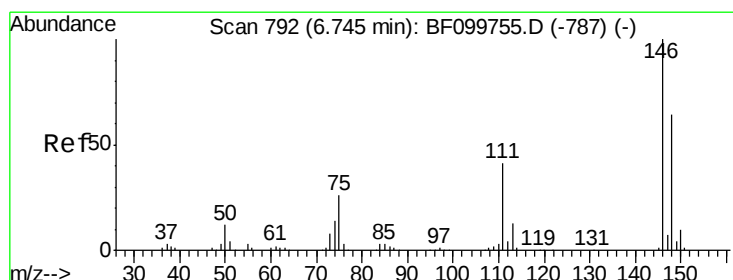
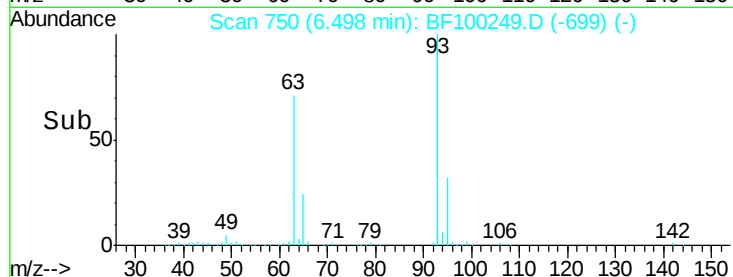
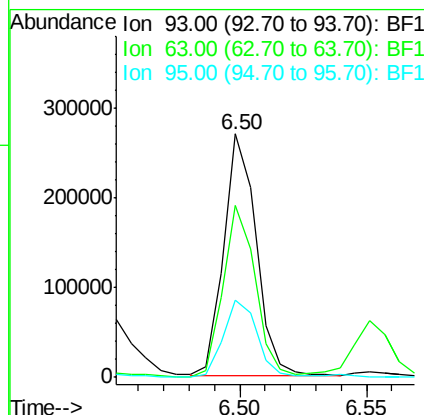
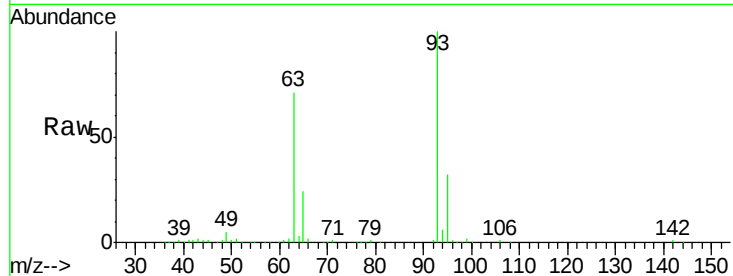
#11
bis(2-Chloroethyl)ether
Concen: 37.445 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	238671		
63	70.8	58.6	98.6	
95	31.9	11.8	51.8	

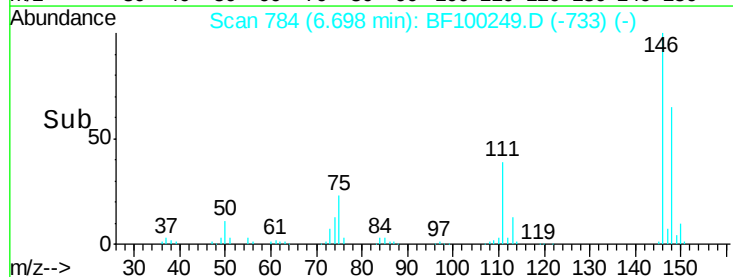
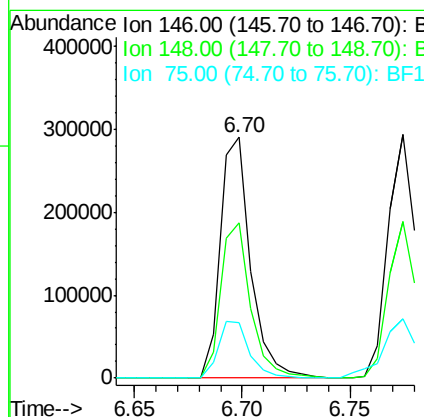
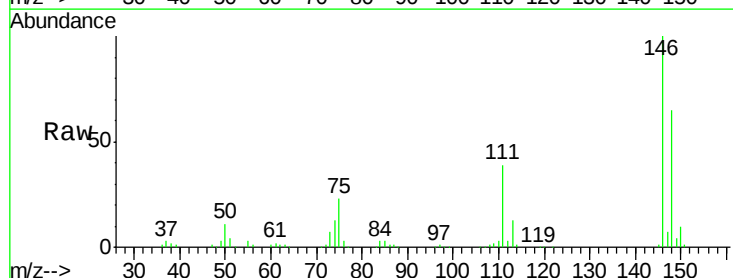
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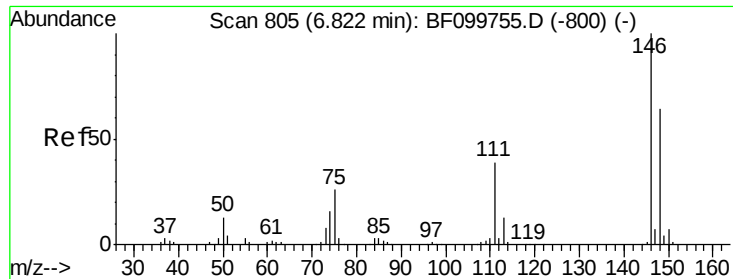
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#12
1,3-Dichlorobenzene
Concen: 38.250 ng m
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290215		
148	64.7	51.8	77.8	
75	23.2	24.2	36.4#	





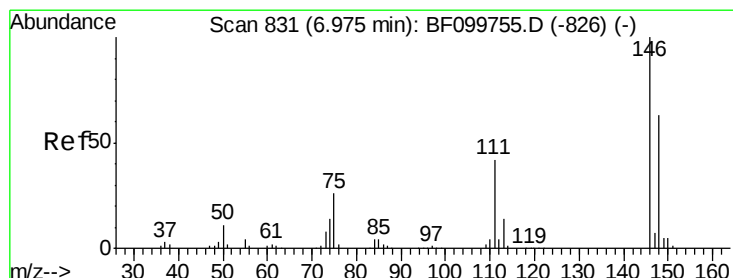
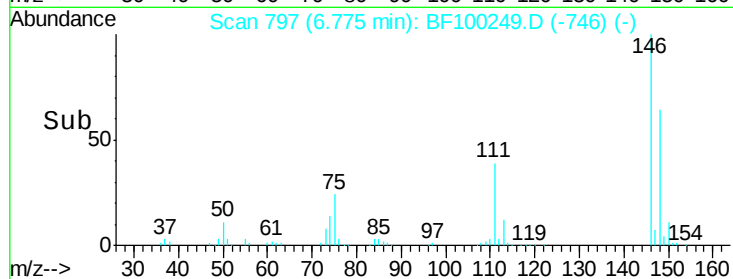
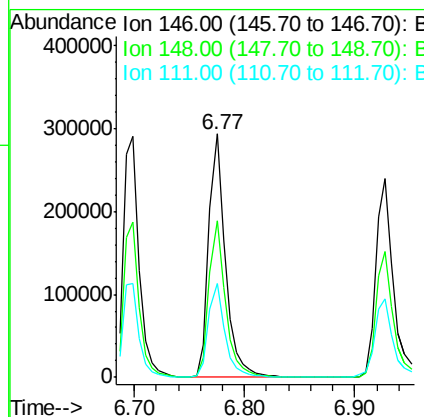
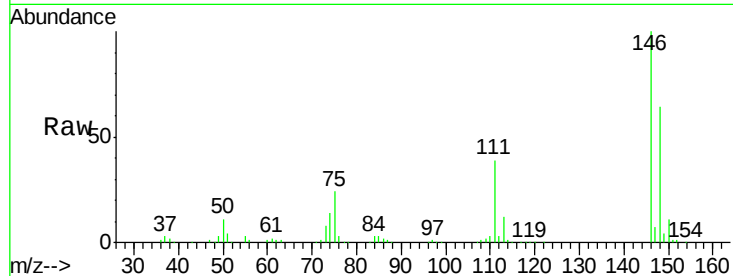
#13
1,4-Dichlorobenzene
Concen: 38.821 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298938		
148	64.2	50.8	76.2	
111	38.5	34.2	51.2	

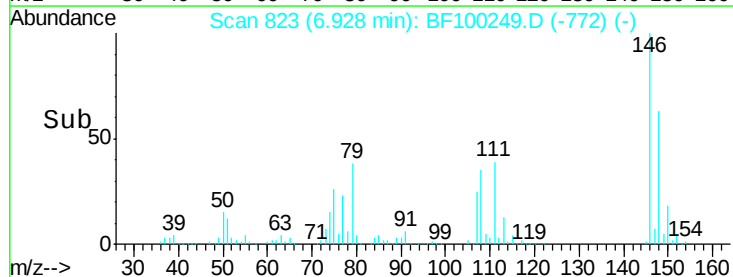
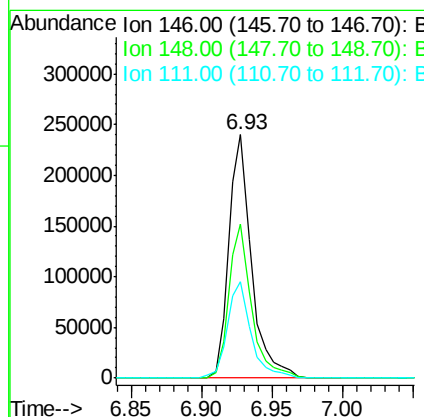
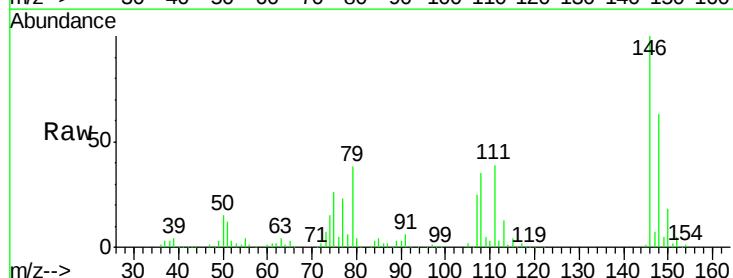
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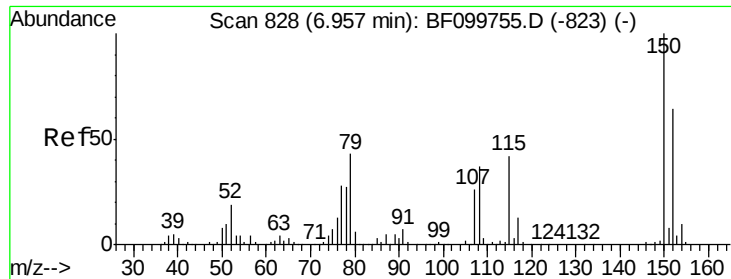
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#14
1,2-Dichlorobenzene
Concen: 38.088 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267305		
148	63.0	50.6	75.8	
111	39.3	36.0	54.0	





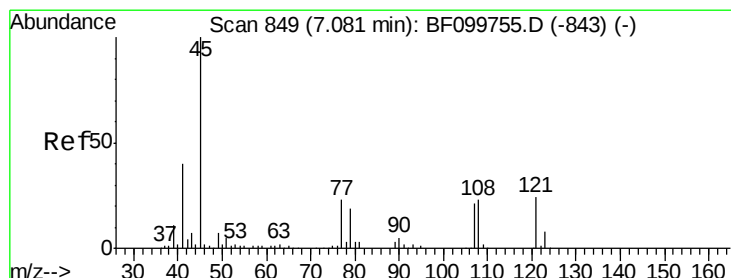
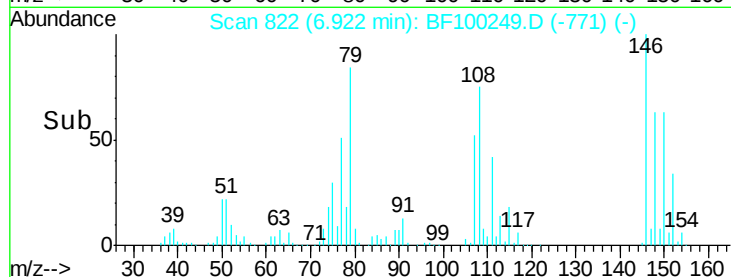
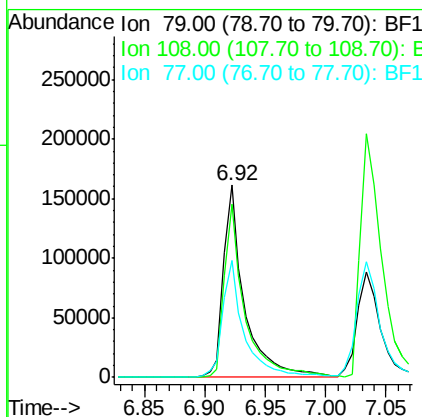
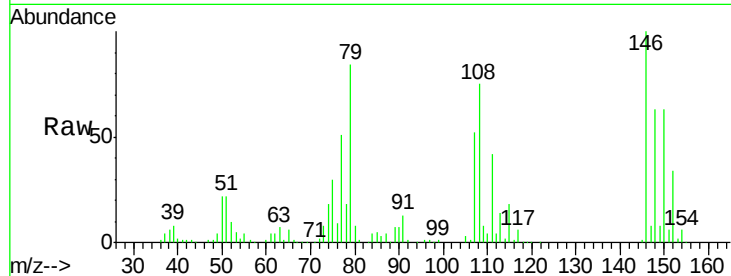
#15
Benzyl Alcohol
Concen: 40.804 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampled :
PB103849BS

Tgt Ion: 79 Resp: 195084
Ion Ratio Lower Upper
79 100
108 90.0 65.1 97.7
77 61.1 50.6 75.8

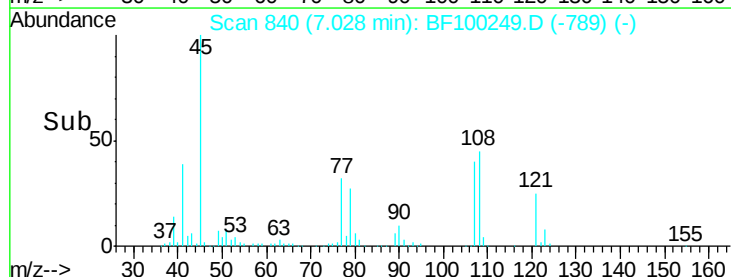
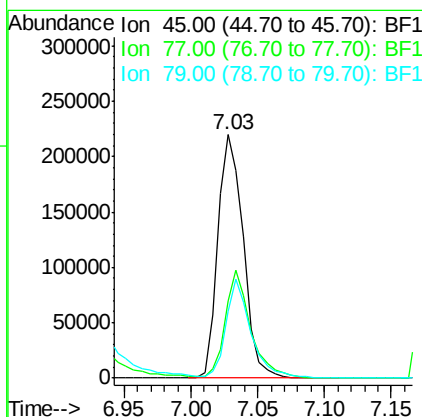
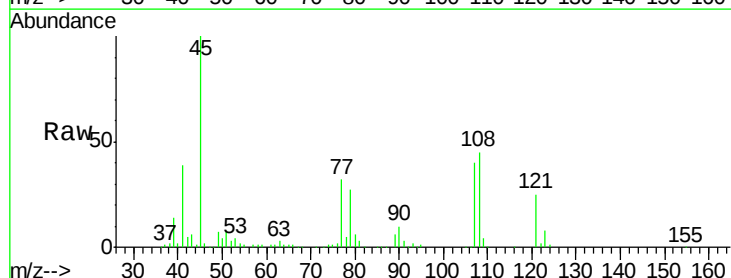
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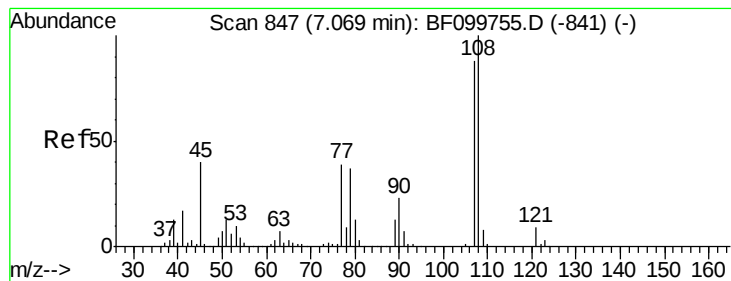
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.743 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion: 45 Resp: 295555
Ion Ratio Lower Upper
45 100
77 31.5 0.0 32.9
79 27.4 0.0 29.6





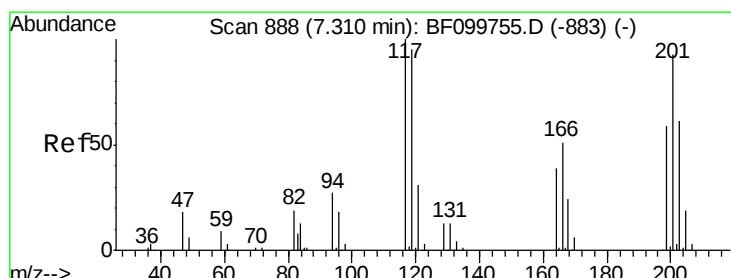
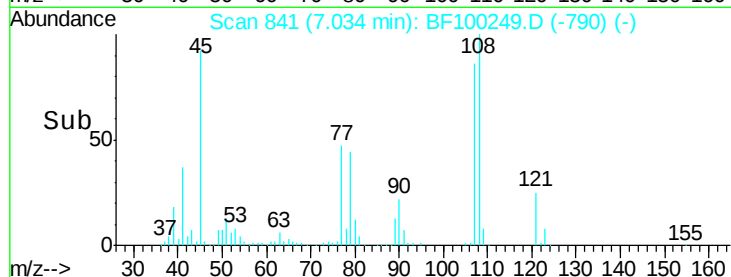
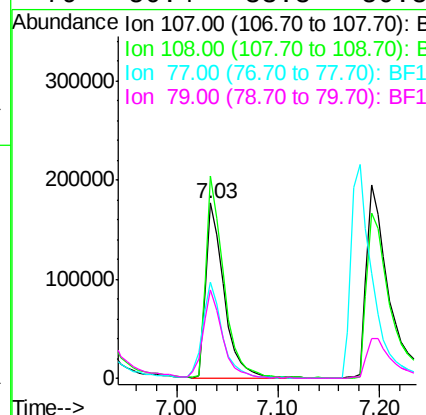
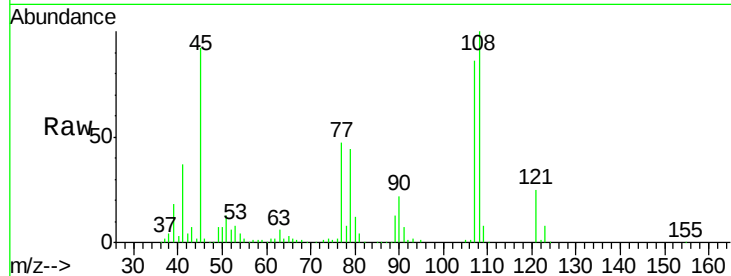
#17
2-Methylphenol
Concen: 39.572 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	91.7	137.5	
77	54.9	33.8	50.8	
79	50.4	33.8	50.8	

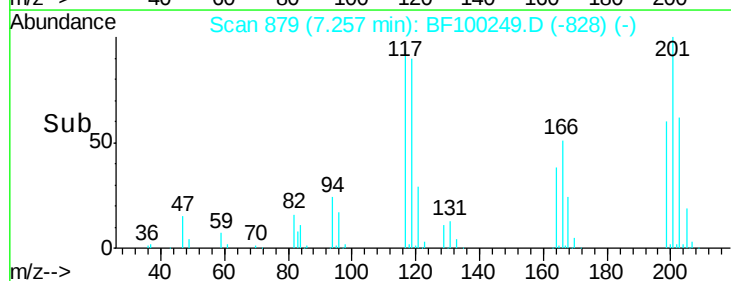
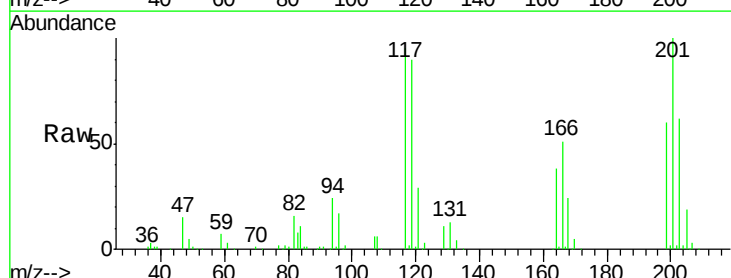
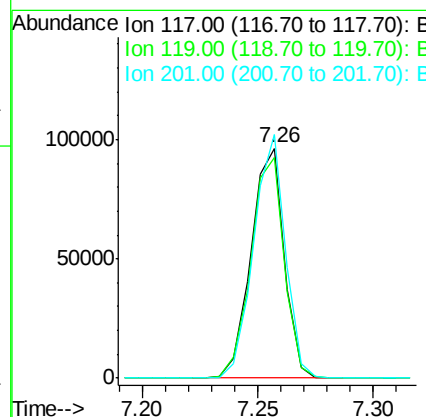
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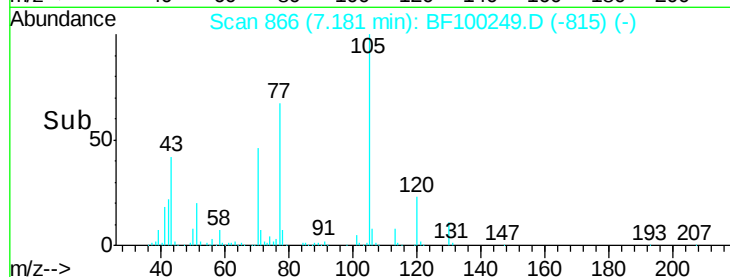
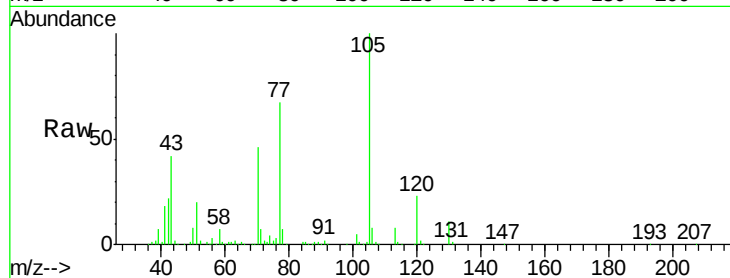
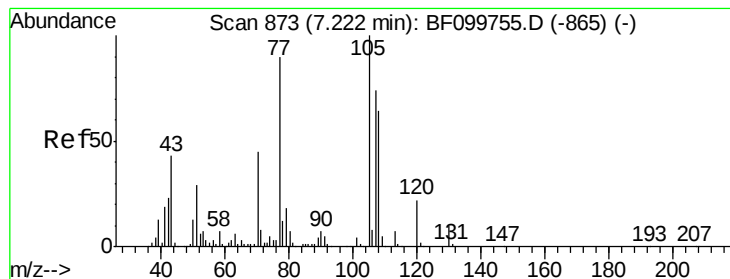
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#18
Hexachloroethane
Concen: 37.589 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.8	113.8	
201	105.8	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 38.257 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

PB103849BS

Tgt Ion: 70 Resp: 168542

Ion Ratio Lower Upper

70 100

42 48.5 47.5 71.3

101 10.1 7.4 11.2

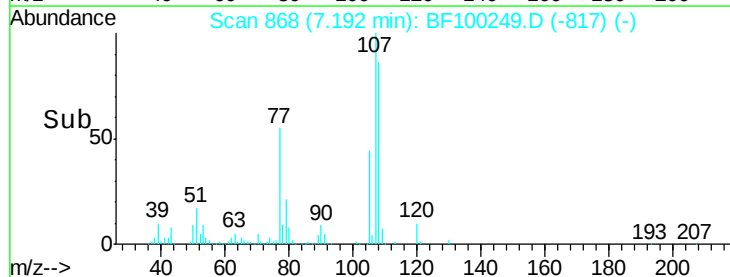
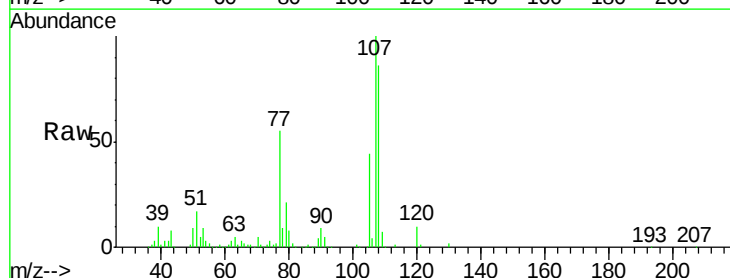
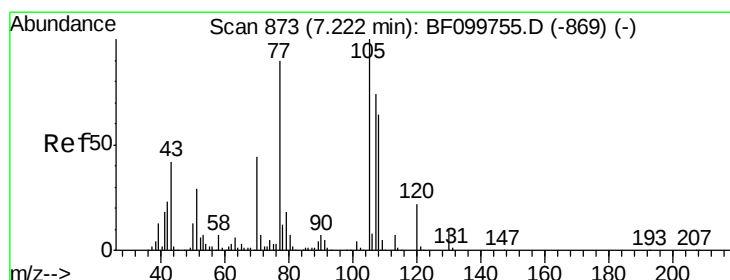
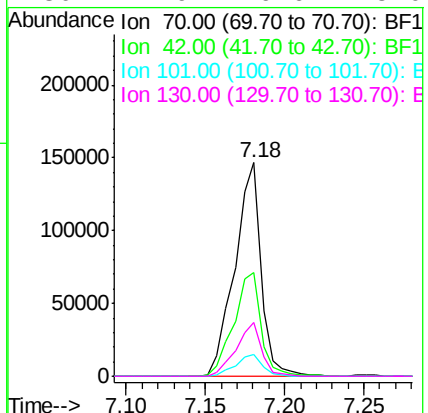
130 24.9 16.6 25.0

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#20

3+4-Methylphenols

Concen: 46.368 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion: 107 Resp: 305168

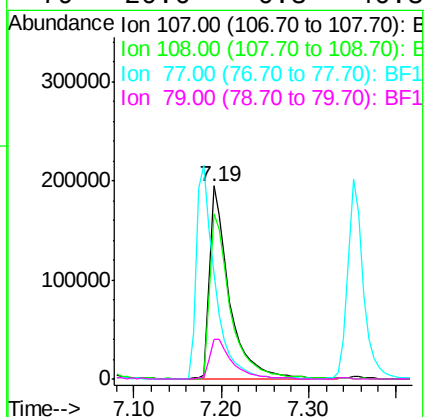
Ion Ratio Lower Upper

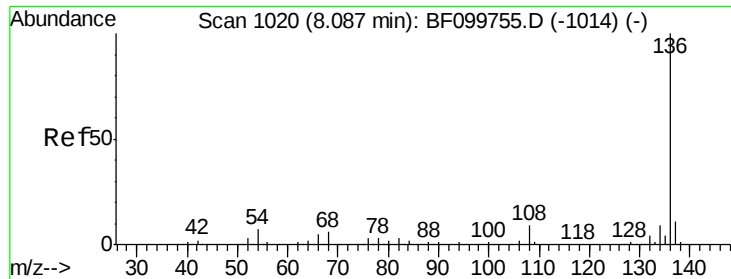
107 100

108 85.8 68.2 108.2

77 54.6 26.7 66.7

79 20.6 6.3 46.3





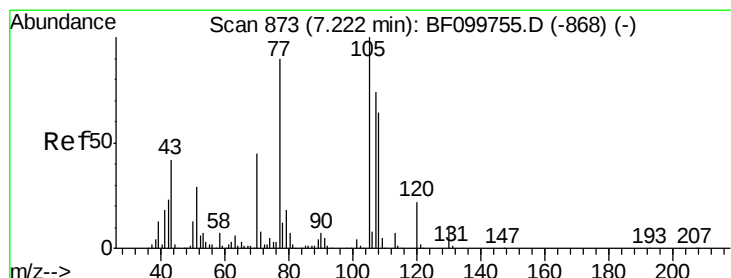
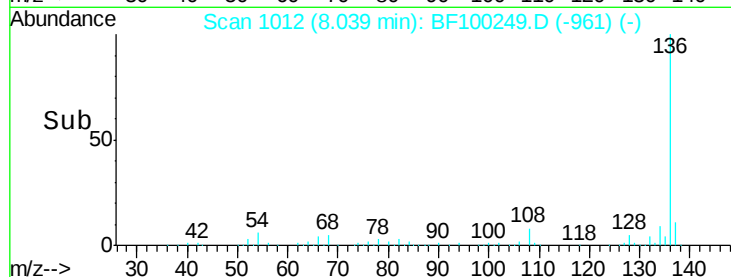
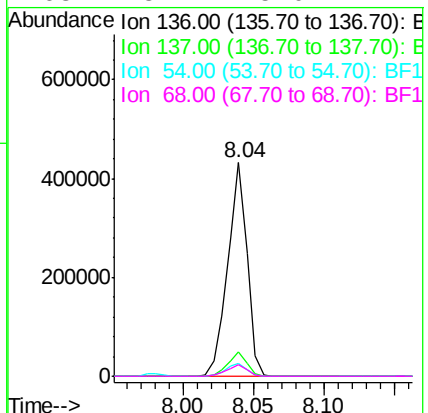
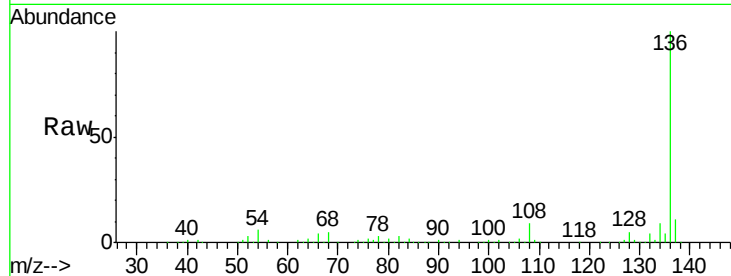
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	411146		
137	11.4	8.9	13.3	
54	6.2	6.6	9.8#	
68	5.4	5.0	7.4	

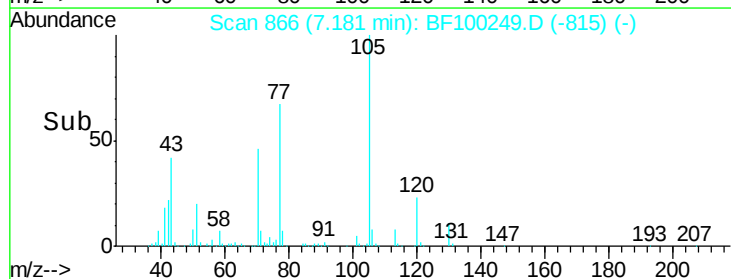
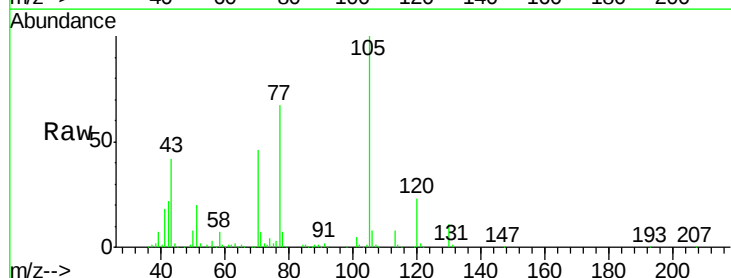
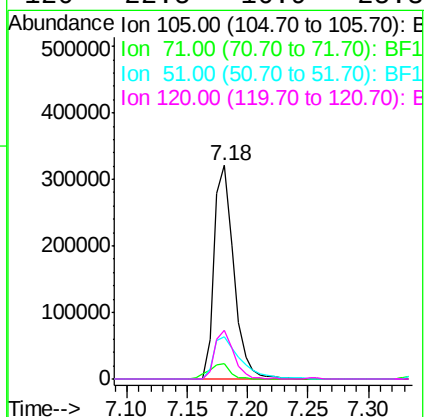
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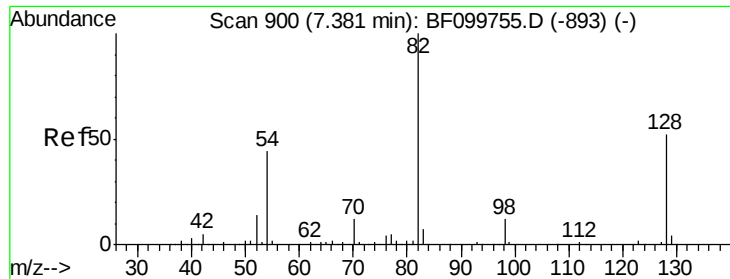
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#22
Acetophenone
Concen: 38.287 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358422		
71	7.5	4.4	6.6#	
51	19.9	22.3	33.5#	
120	22.5	16.9	25.3	





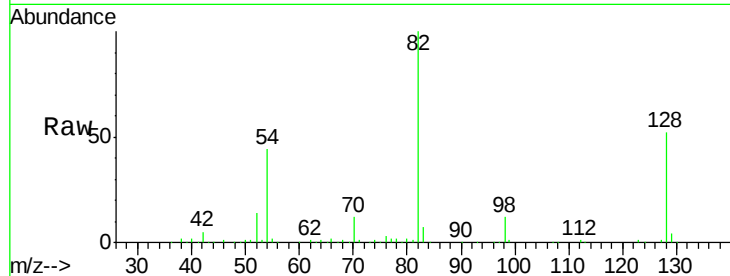
#23
 Nitrobenzene-d5
 Concen: 75.533 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampled :
 PB103849BS

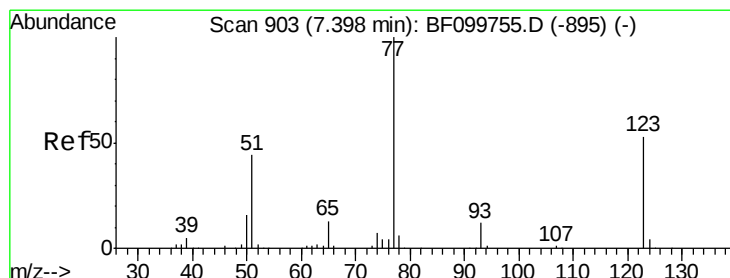
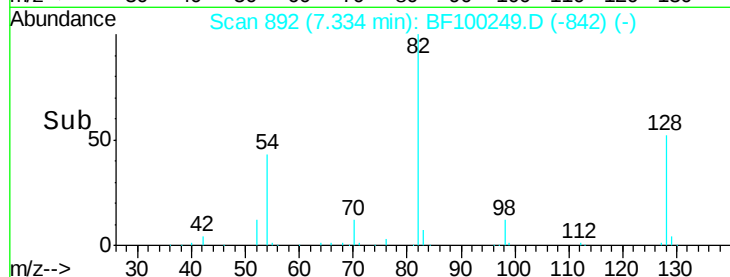
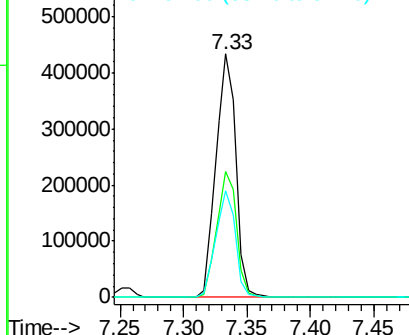
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	482365		
128	51.9	36.1	54.1	
54	43.9	41.4	62.2	

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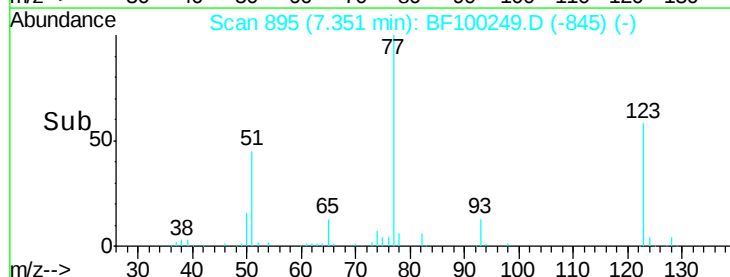
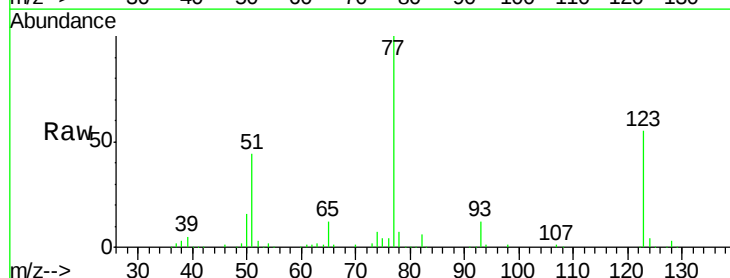
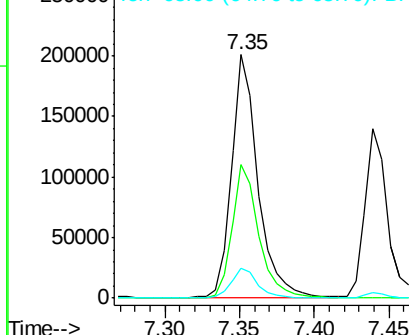
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

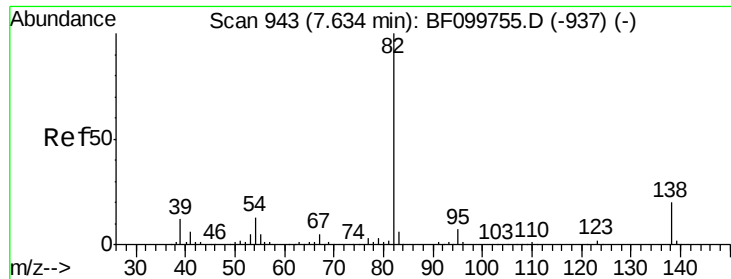


#24
 Nitrobenzene
 Concen: 39.087 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	251513		
123	55.1	37.9	56.9	
65	12.2	11.0	16.4	

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.441 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

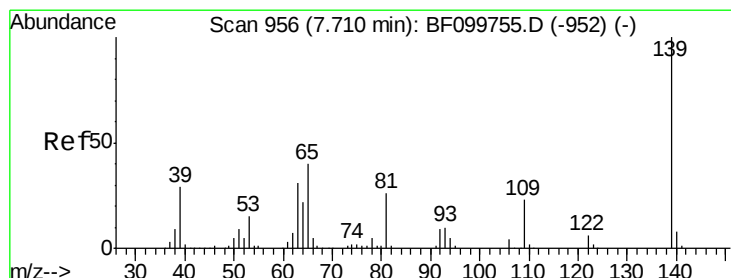
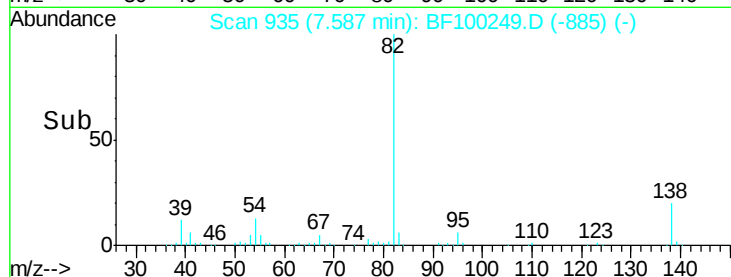
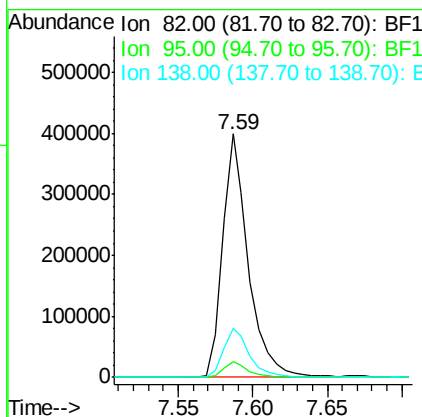
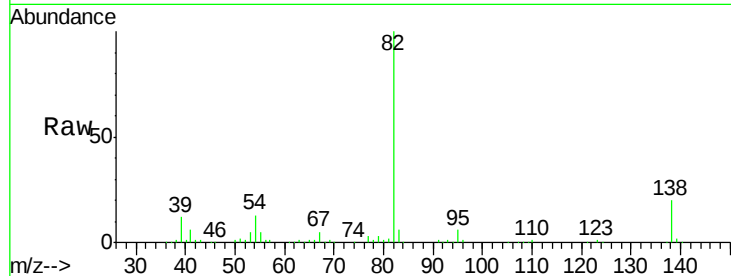
ClientSampled :

PB103849BS

Tgt Ion:	82	Resp:	480228
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	20.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 42.860 ng

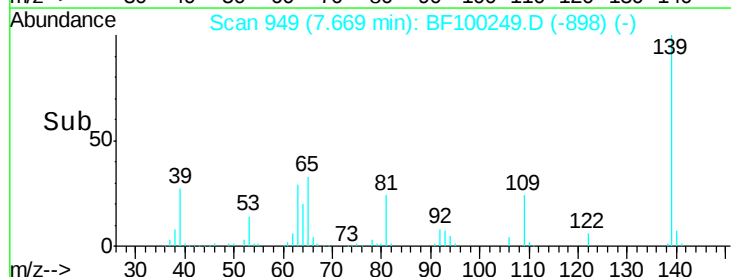
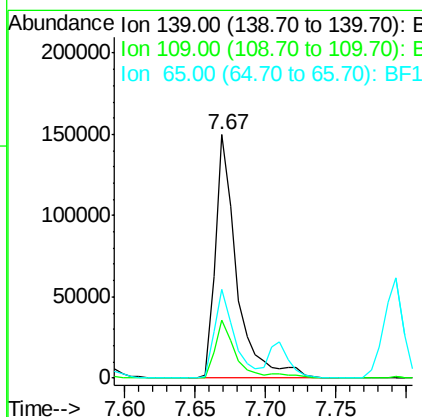
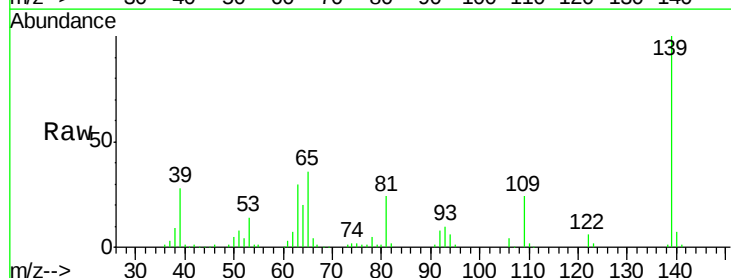
RT: 7.67 min Scan# 949

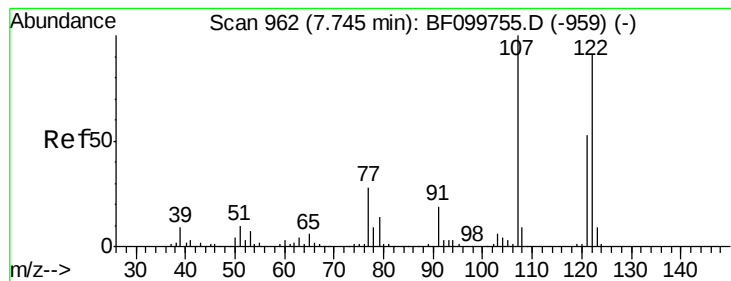
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	139	Resp:	157959
Ion Ratio	Lower	Upper	
139	100		
109	23.6	22.7	34.1
65	36.4	40.5	60.7#





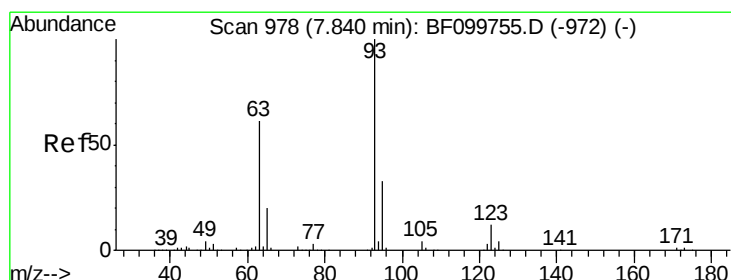
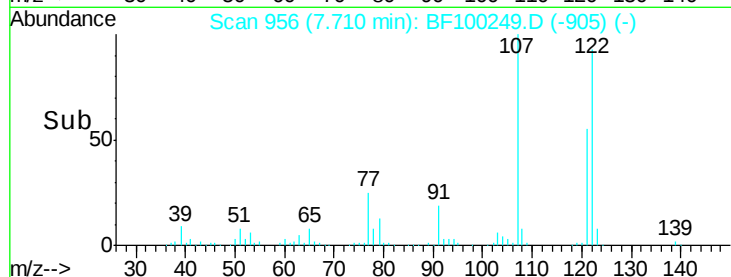
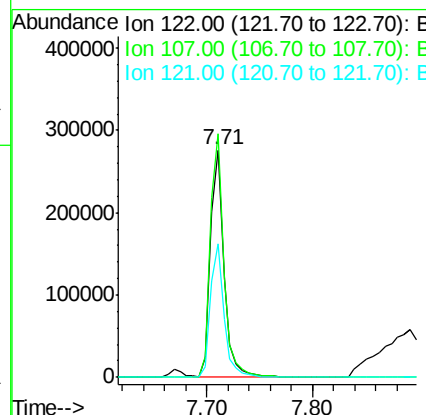
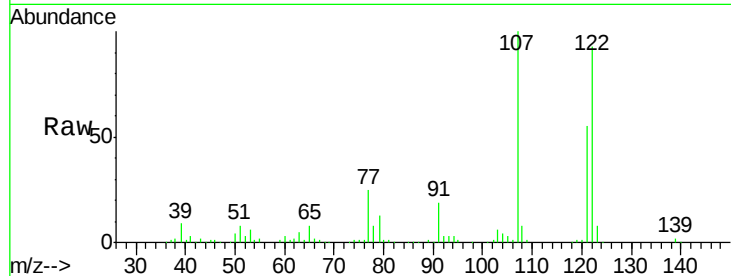
#27
 2,4-Dimethylphenol
 Concen: 45.861 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	249036		
107	107.1	91.2	136.8	
121	58.8	47.2	70.8	

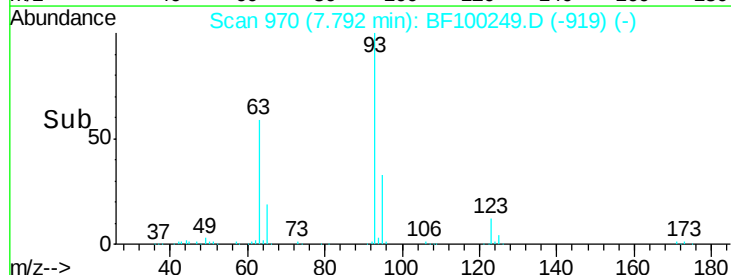
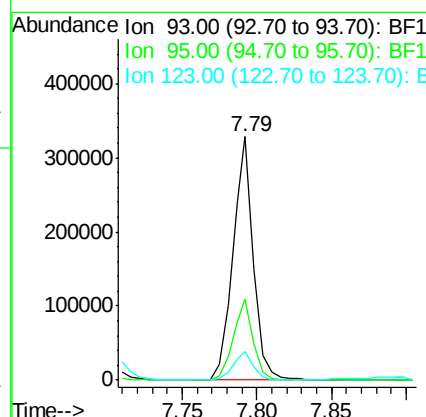
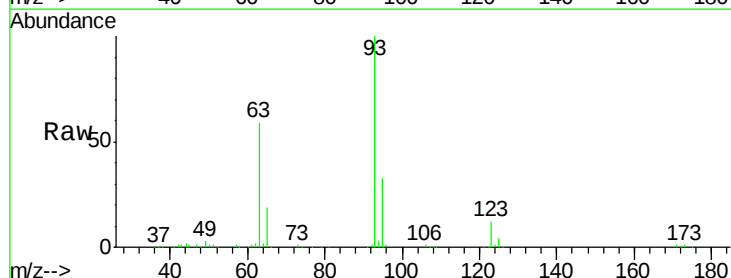
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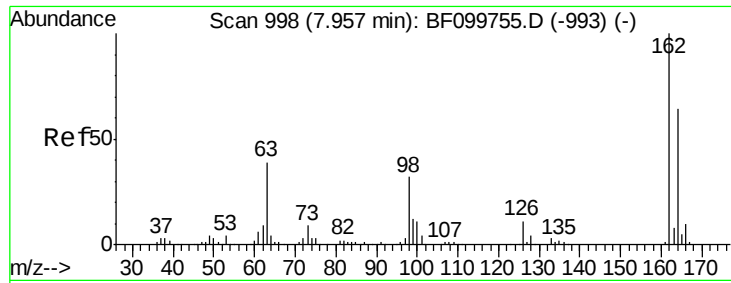
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.854 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	315331		
95	33.1	26.3	39.5	
123	11.7	9.8	14.6	





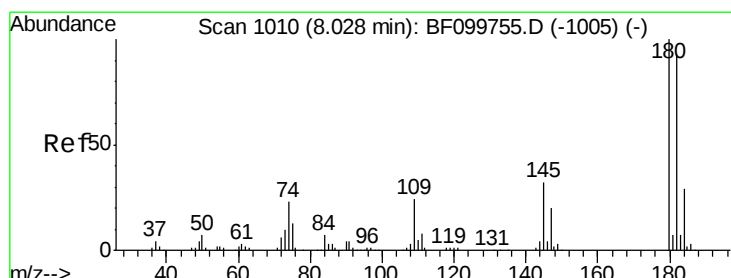
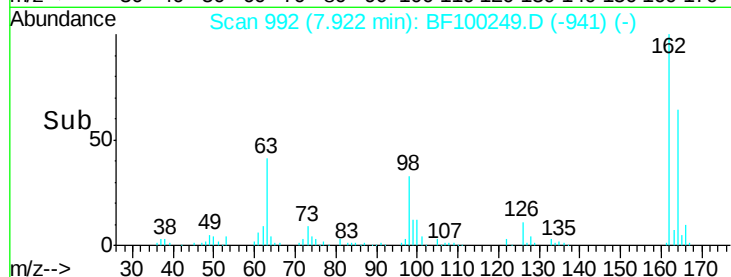
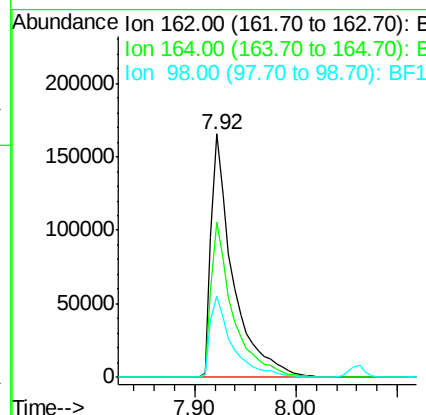
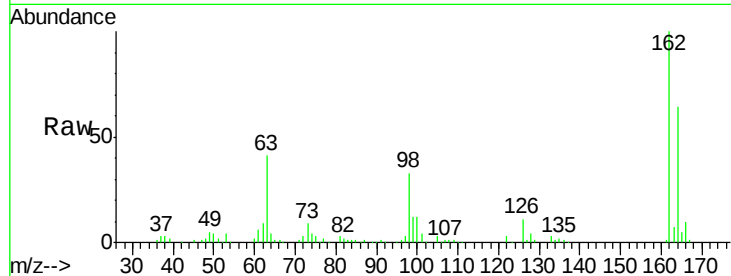
#29
 2,4-Dichlorophenol
 Concen: 43.743 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	246758		
164	63.5	42.7	82.7	
98	33.4	18.1	58.1	

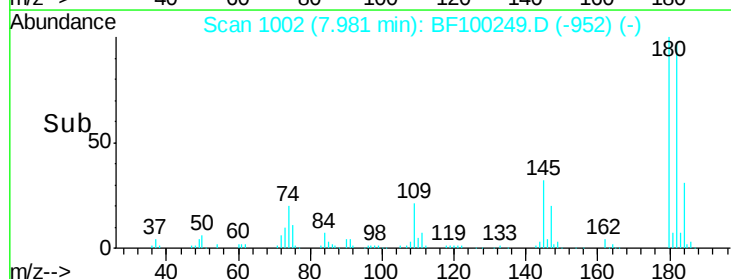
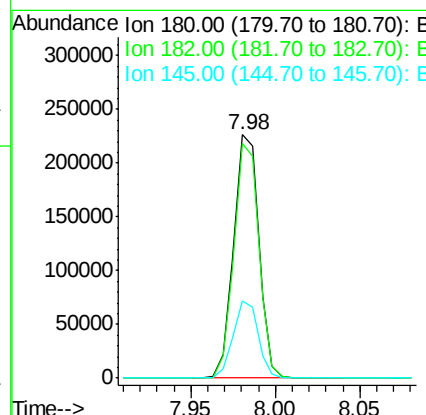
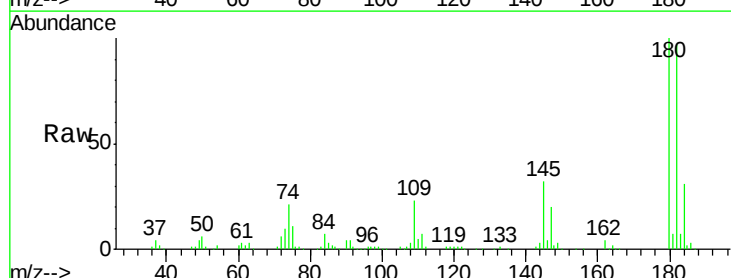
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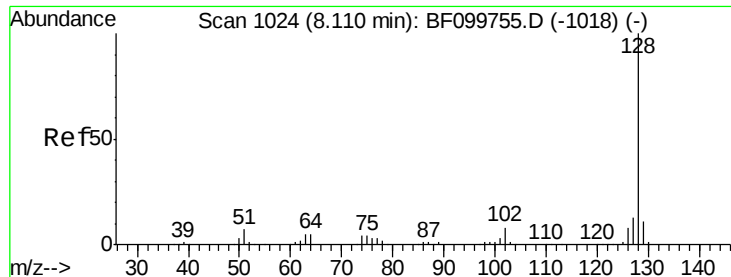
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.883 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234360		
182	96.6	76.8	115.2	
145	31.8	26.5	39.7	





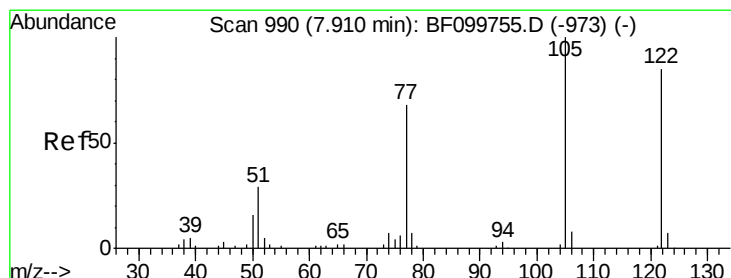
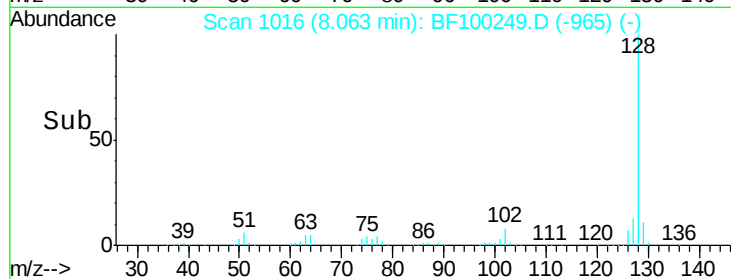
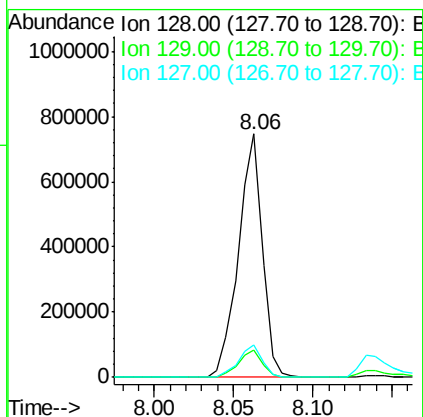
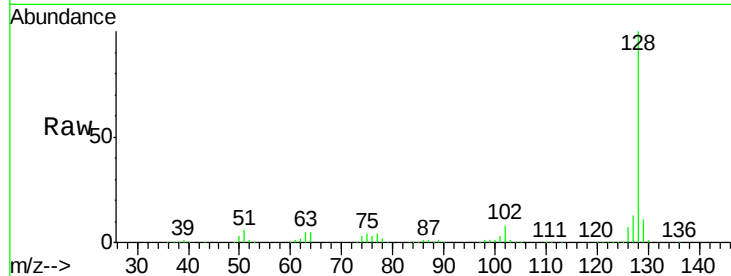
#31
Naphthalene
Concen: 39.339 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.9	16.3

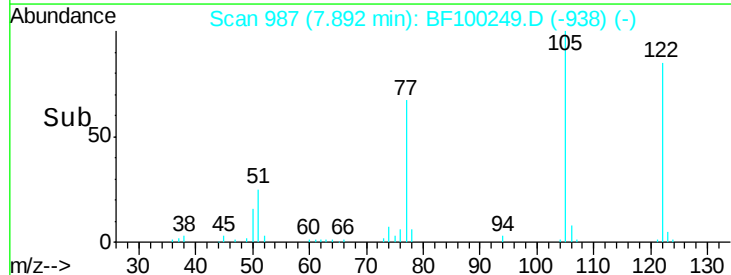
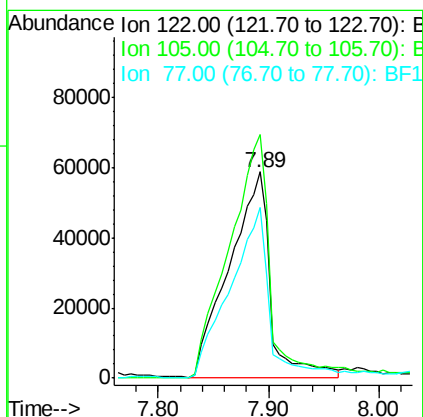
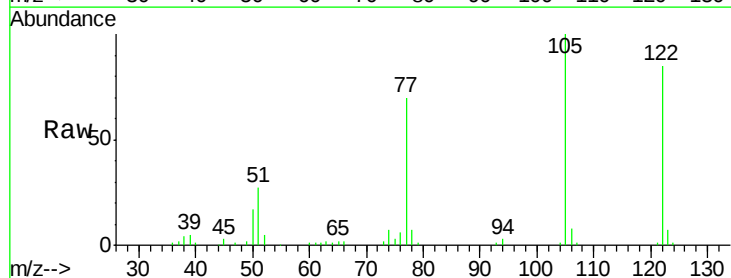
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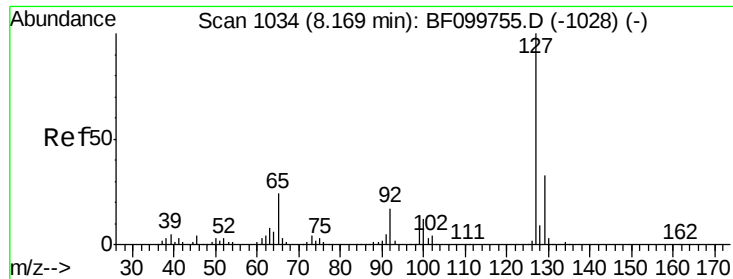
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#32
Benzoic acid
Concen: 32.224 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.1	101.1	141.1
77	82.6	70.7	110.7





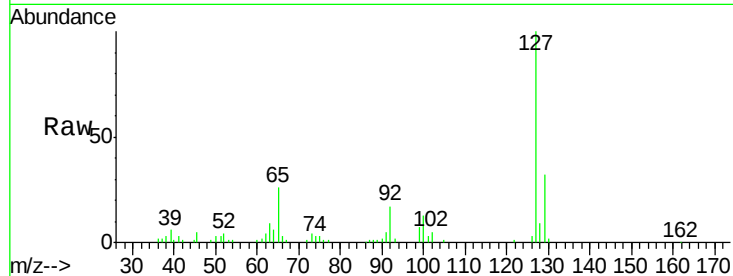
#33
4-Chloroaniline
Concen: 13.197 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

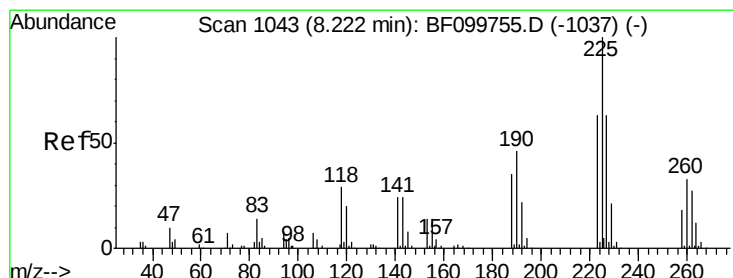
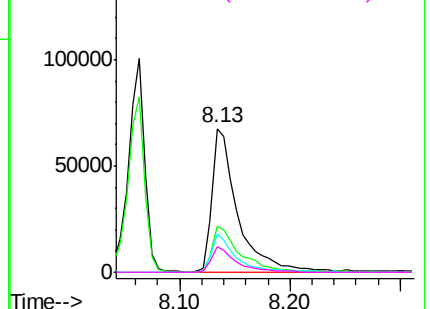
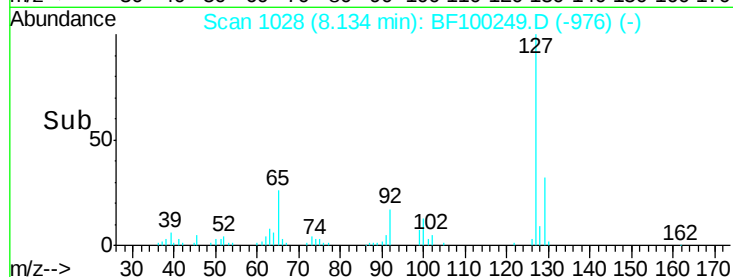
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	108152		
129	32.0	25.9	38.9	
65	26.5	25.0	37.4	
92	17.4	15.2	22.8	

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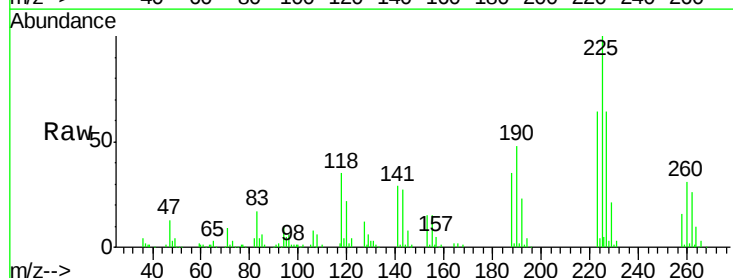


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

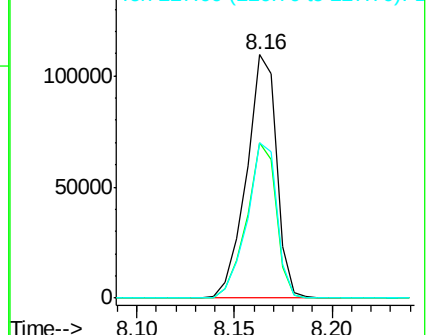
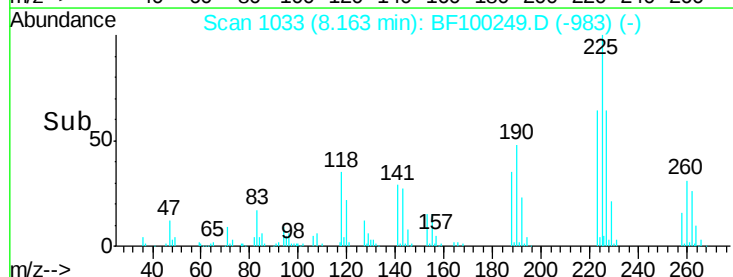


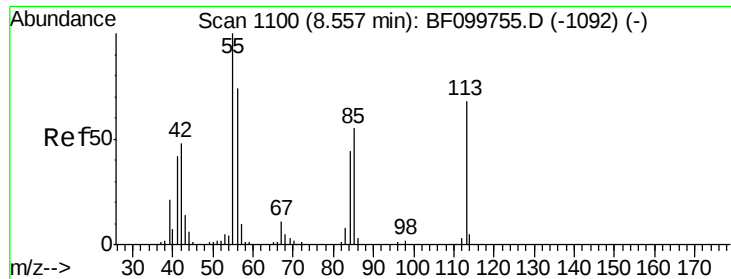
#34
Hexachlorobutadiene
Concen: 37.657 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116744		
223	63.9	50.6	76.0	
227	63.9	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





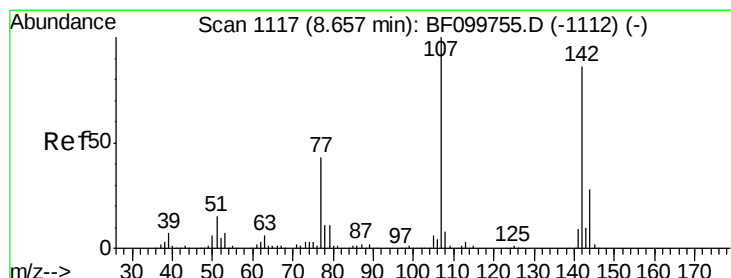
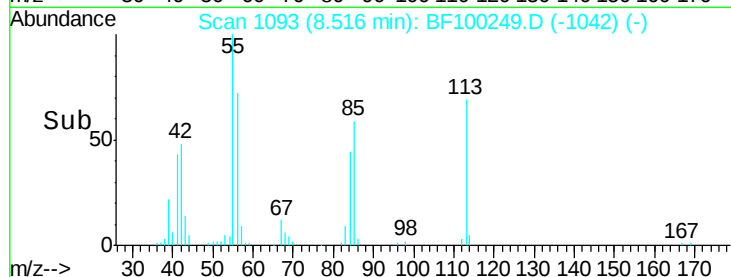
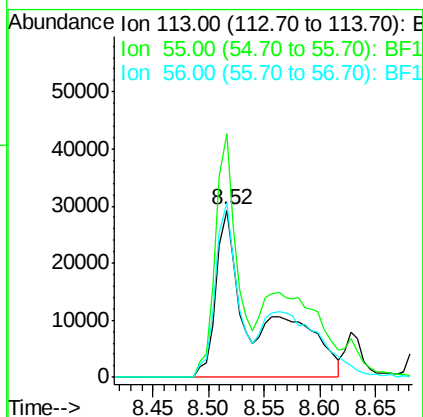
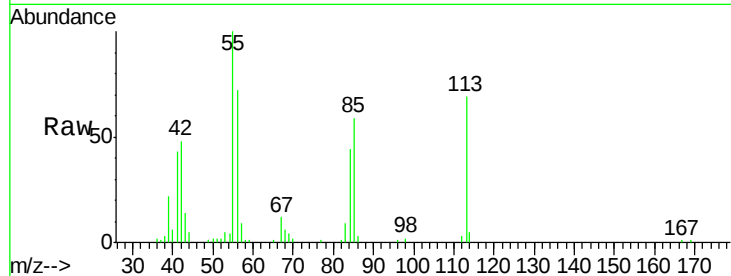
#35
 Caprolactam
 Concen: 43.035 ng m
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion:113 Resp: 76343
 Ion Ratio Lower Upper
 113 100
 55 145.9 163.3 203.3#
 56 104.8 115.7 155.7#

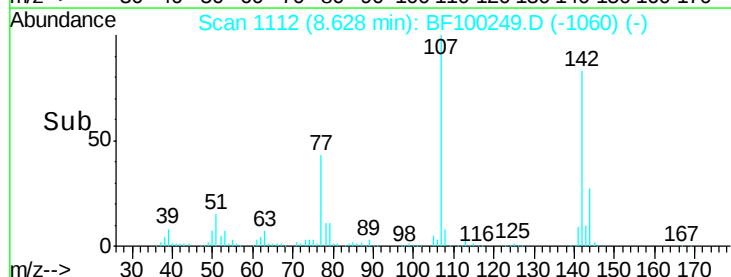
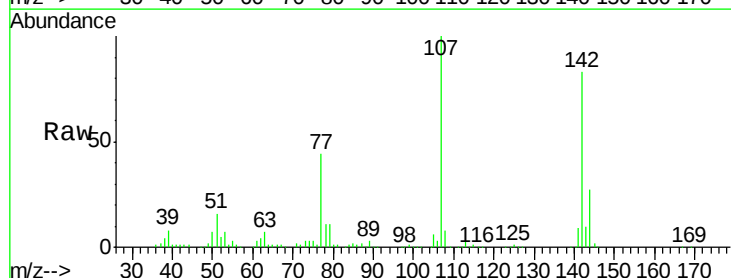
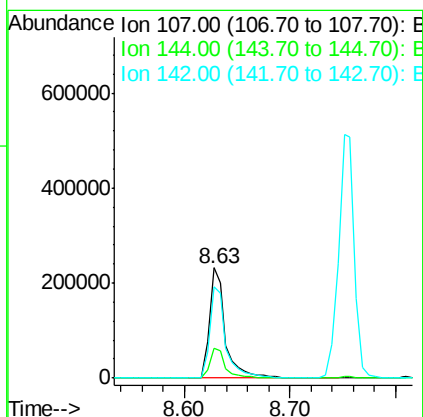
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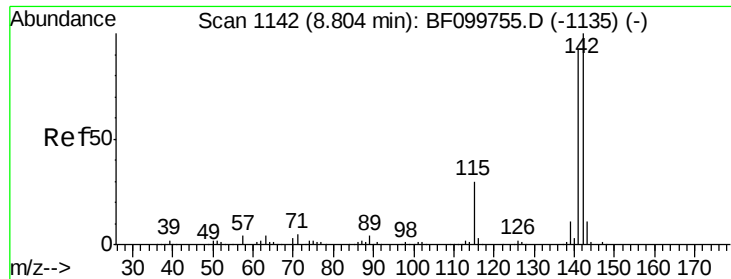
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#36
 4-Chloro-3-methylphenol
 Concen: 42.136 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion:107 Resp: 242606
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 83.2 62.0 93.0





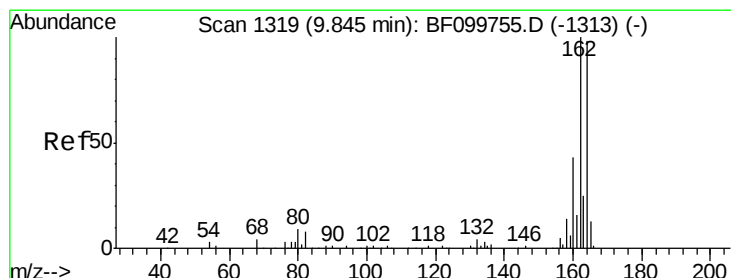
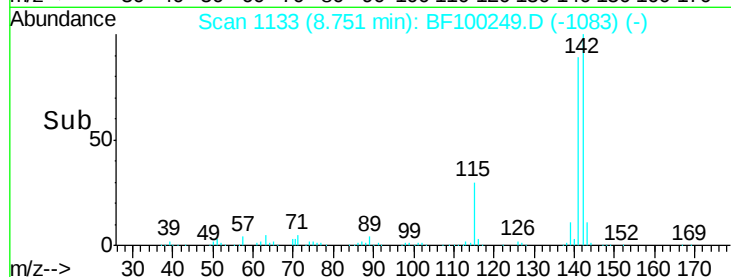
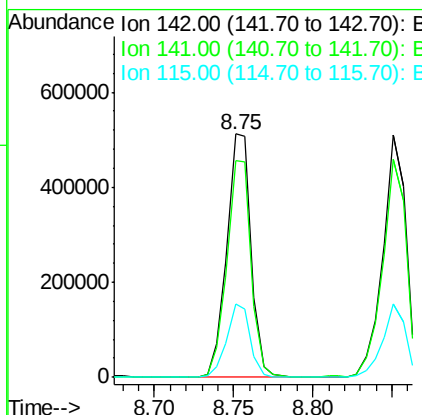
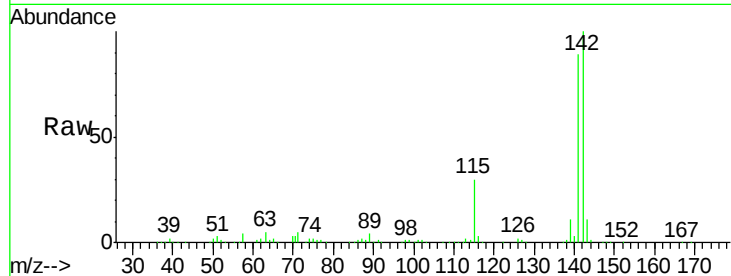
#37
 2-Methylnaphthalene
 Concen: 40.780 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	30.0	26.1	39.1

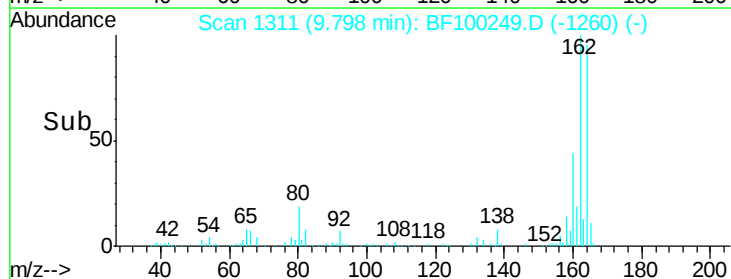
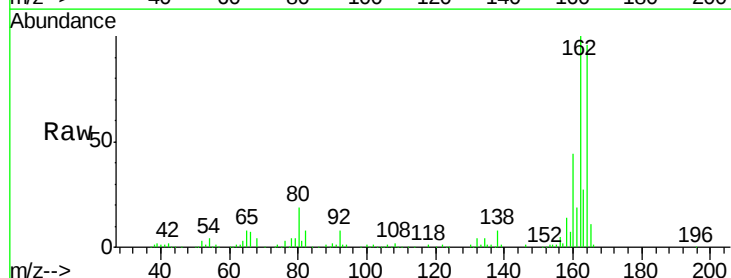
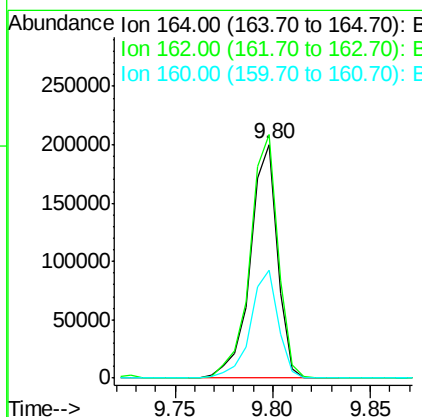
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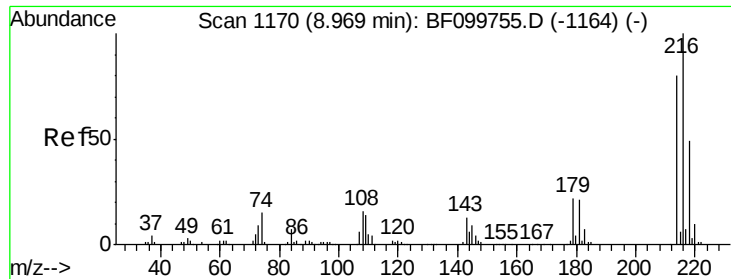
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.2	38.3	57.5





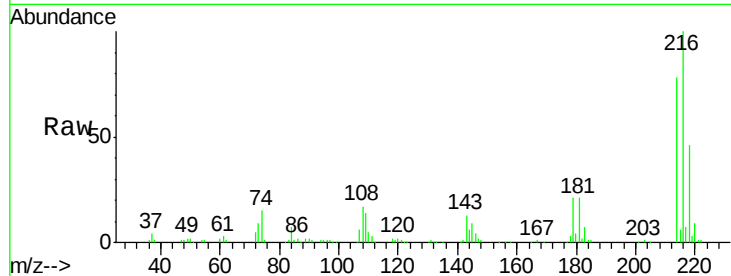
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.022 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

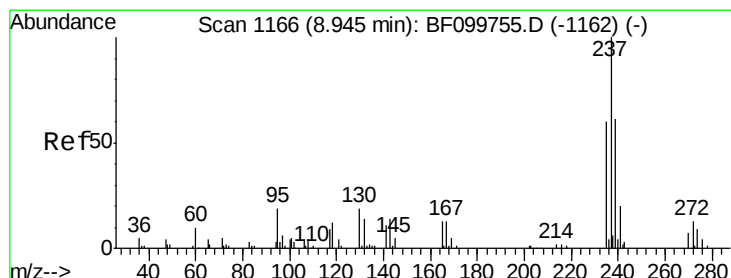
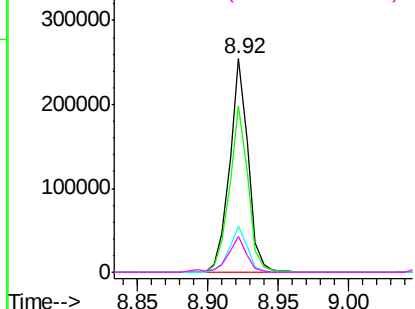
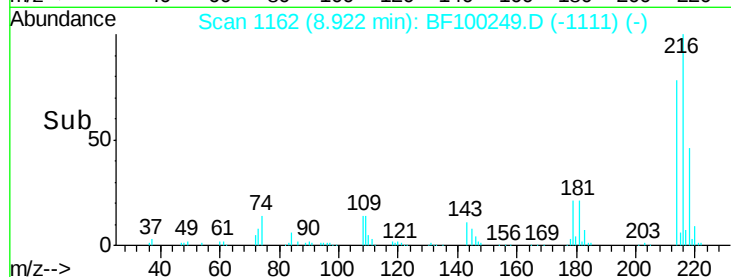
Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.9	63.0	94.4
179	20.9	18.1	27.1
108	16.9	17.2	25.8

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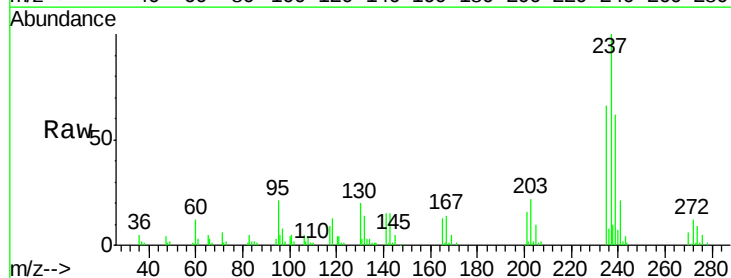


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

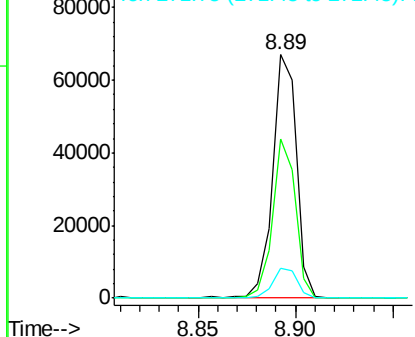
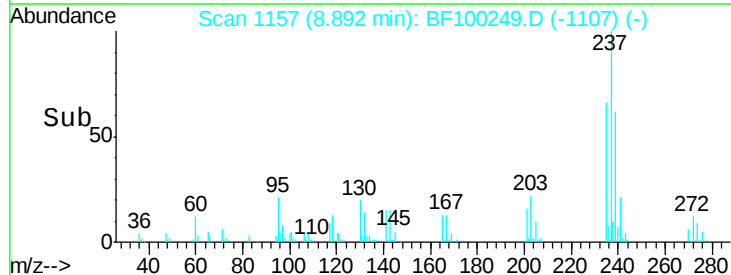


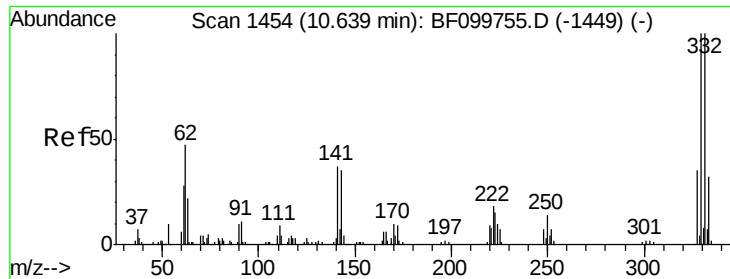
#40
 Hexachlorocyclopentadiene
 Concen: 51.369 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.5	44.8	84.8
272	12.2	0.0	33.3



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





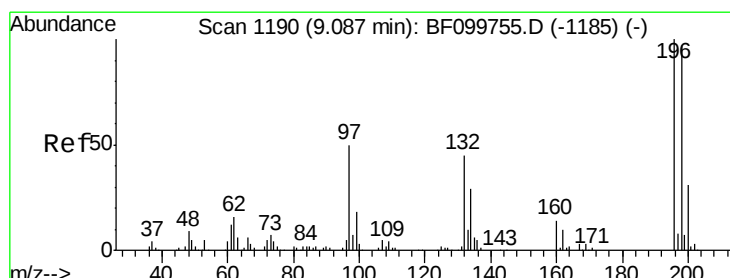
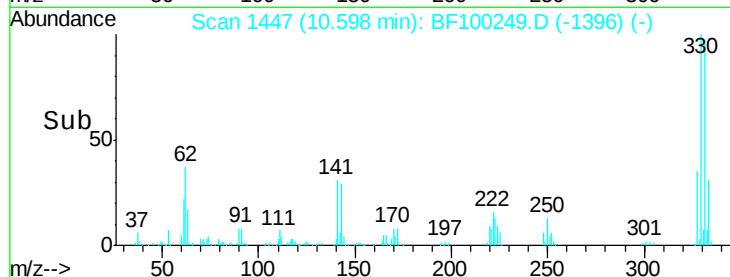
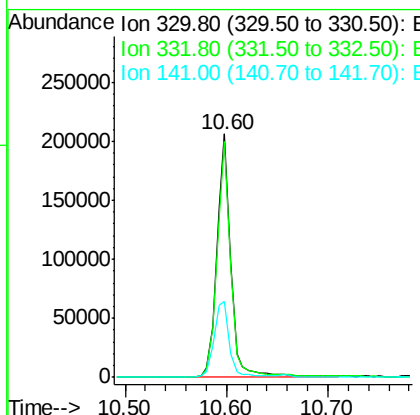
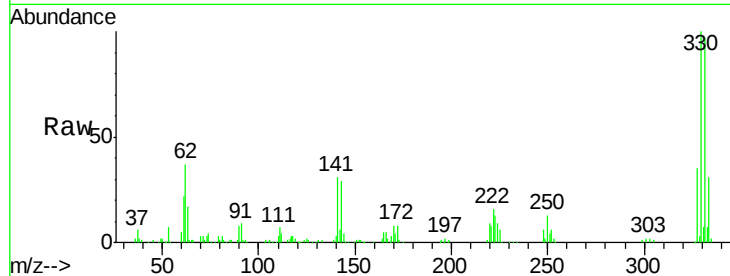
#41
 2,4,6-Tribromophenol
 Concen: 113.305 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampled :
 PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	199877		
332	94.5	77.0	115.6	
141	34.0	29.9	44.9	

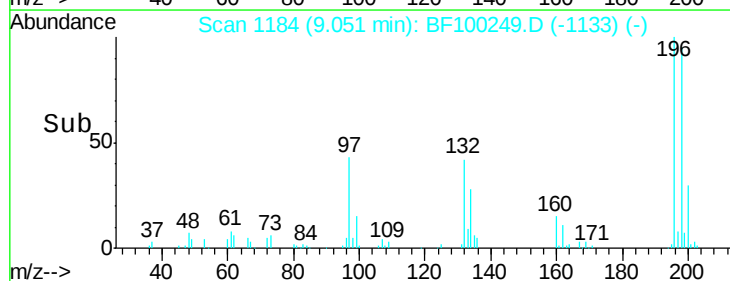
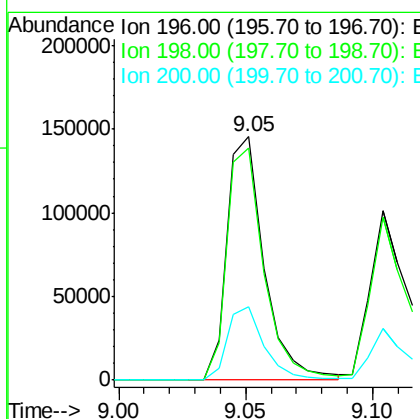
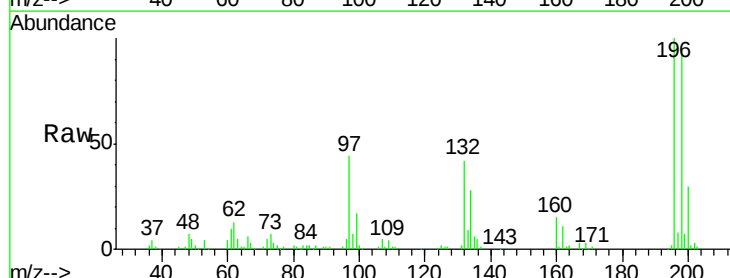
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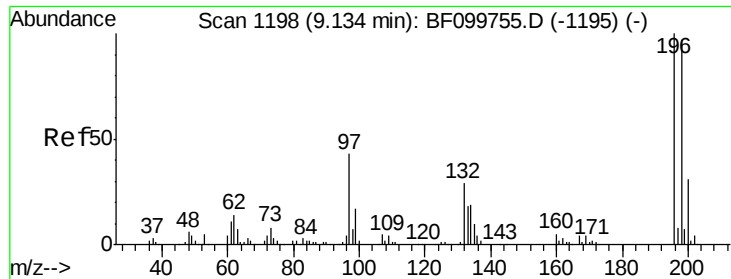
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#42
 2,4,6-Trichlorophenol
 Concen: 39.308 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148651		
198	95.3	75.7	113.5	
200	30.3	24.5	36.7	





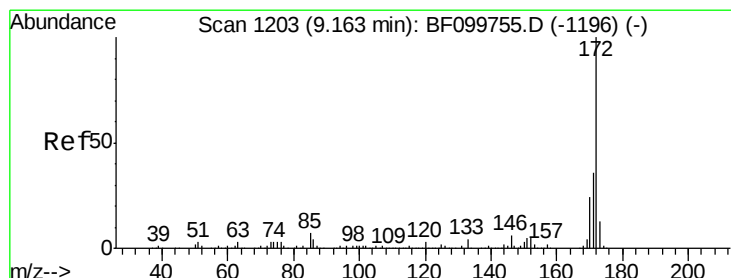
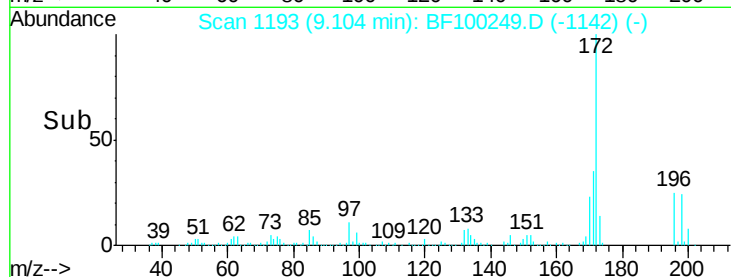
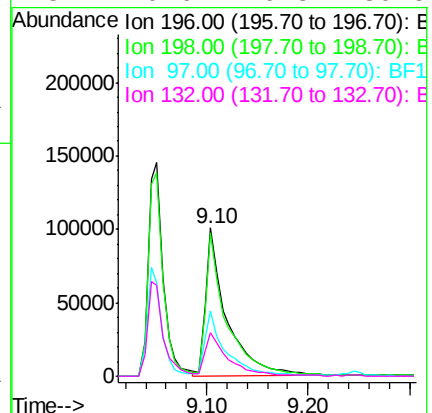
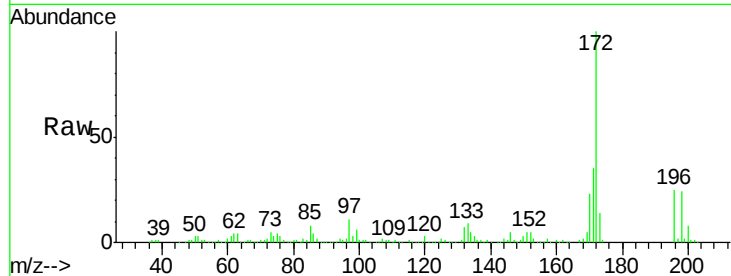
#43
 2,4,5-Trichlorophenol
 Concen: 36.069 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion:	196	Resp:	144748
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.6	112.0
97	43.8	42.9	64.3
132	29.6	26.3	39.5

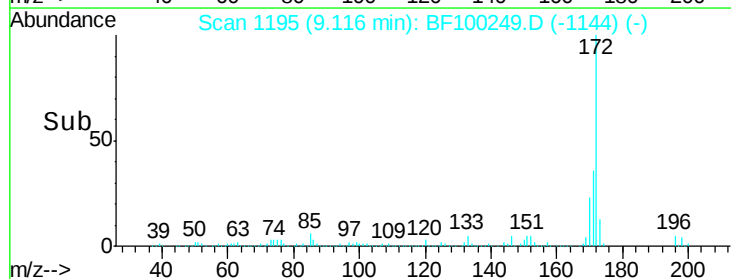
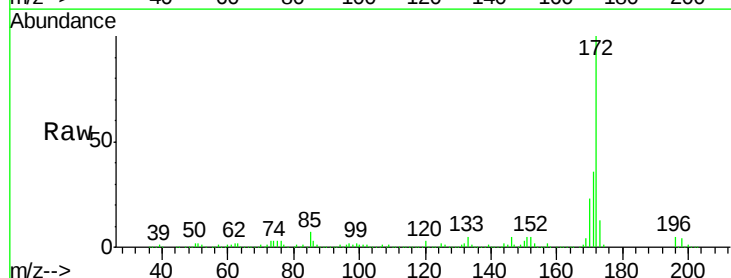
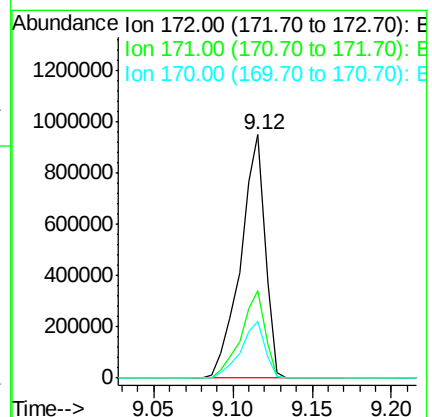
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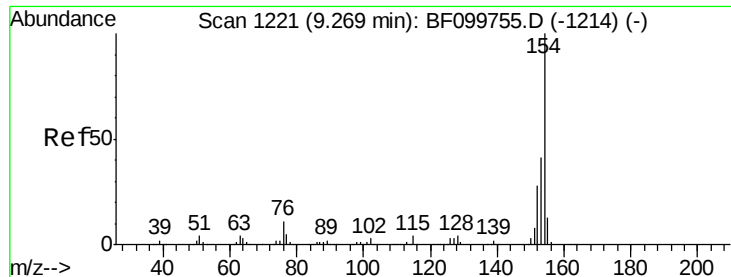
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 80.490 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion:	172	Resp:	1009867
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.212 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

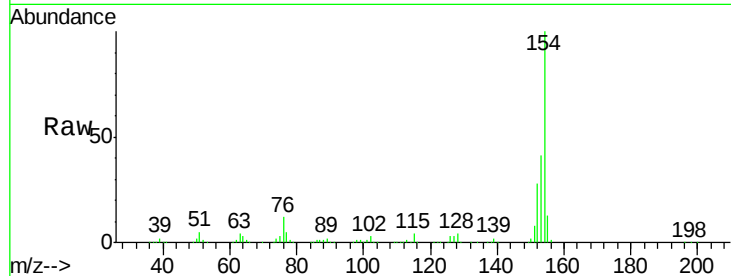
ClientSampleId :

PB103849BS

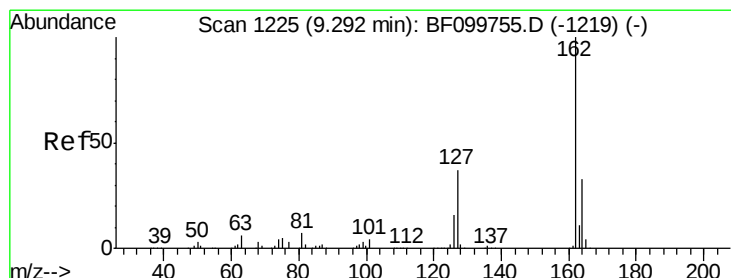
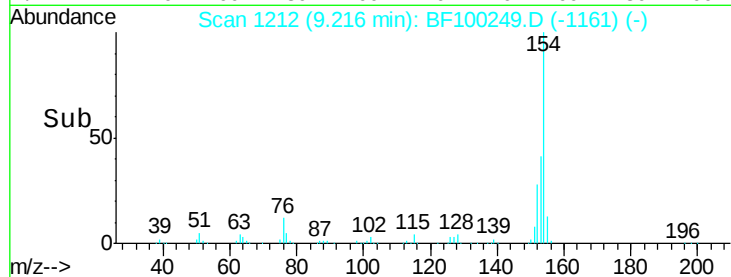
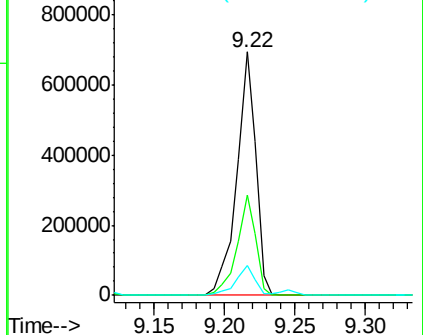
Tgt Ion:	154	Resp:	651637
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.3	61.3
76	12.4	0.0	34.0

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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: 39.955 ng

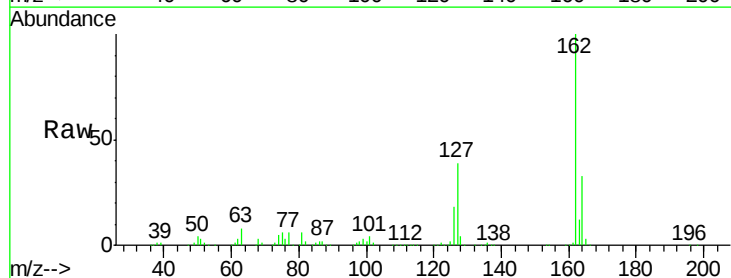
RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

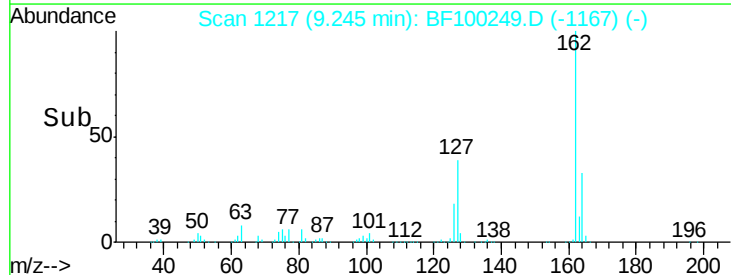
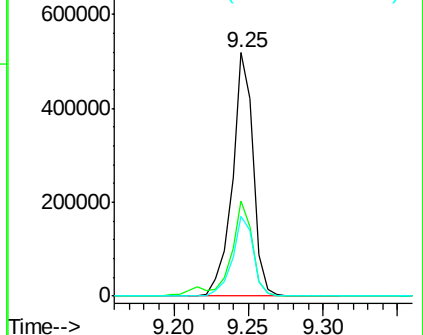
Lab File: BF100249.D

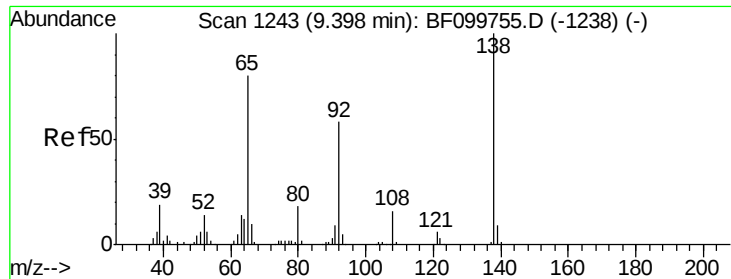
Acq: 6 Nov 2017 14:01

Tgt Ion:	162	Resp:	508123
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	32.8	26.5	39.7



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





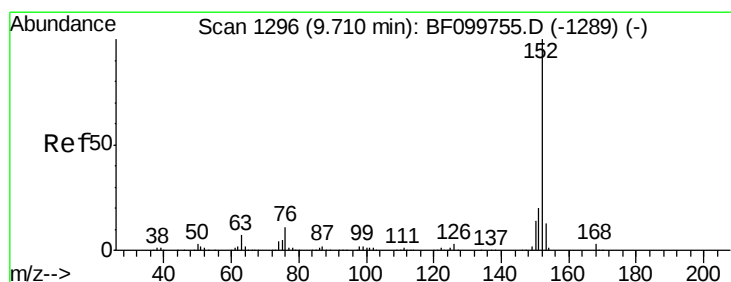
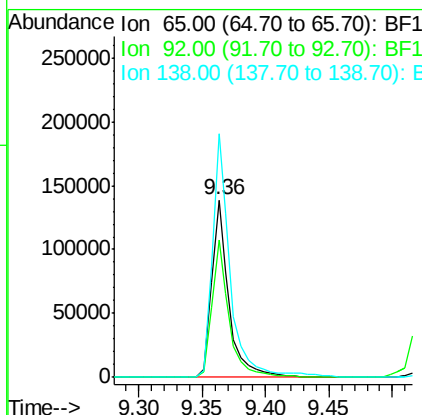
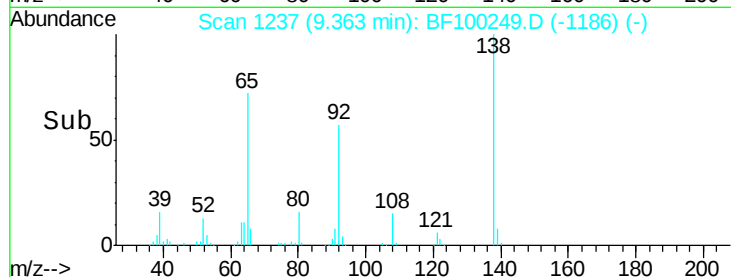
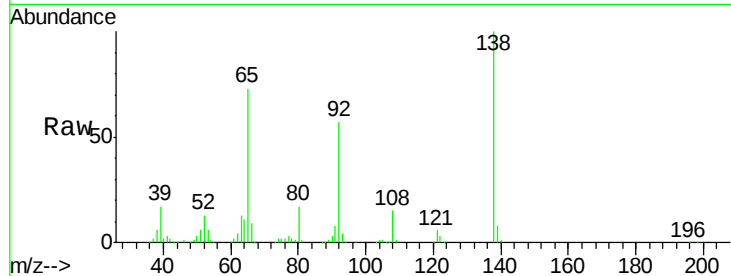
#47
2-Nitroaniline
Concen: 39.781 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.7	55.8	83.6
138	137.3	91.2	136.8#

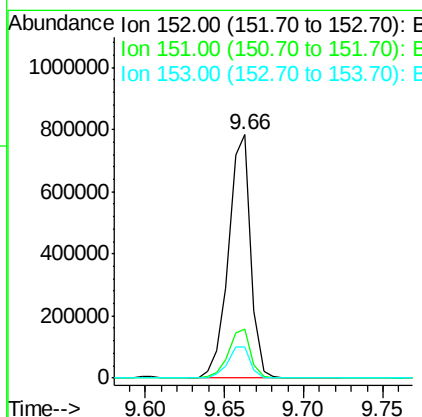
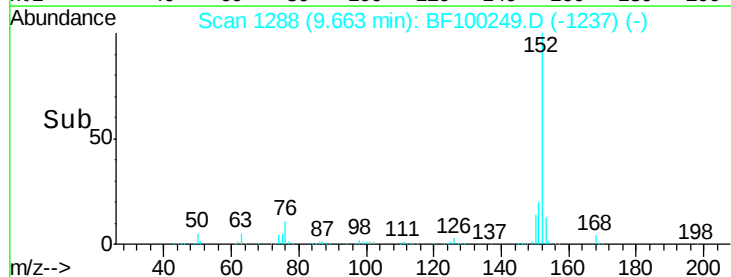
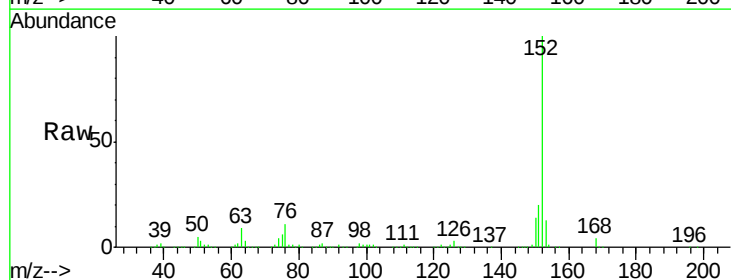
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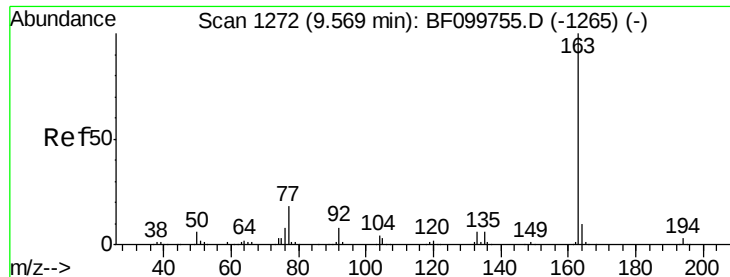
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#48
Acenaphthylene
Concen: 38.886 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.0	10.7	16.1





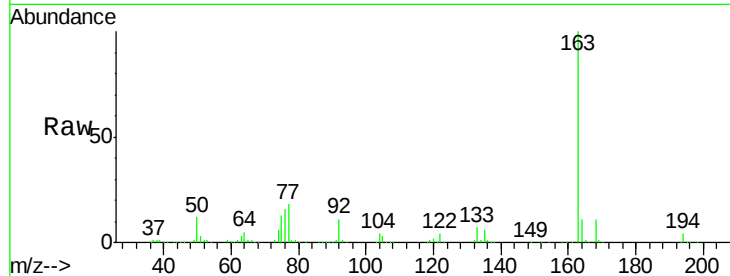
#49
Dimethylphthalate
Concen: 37.938 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

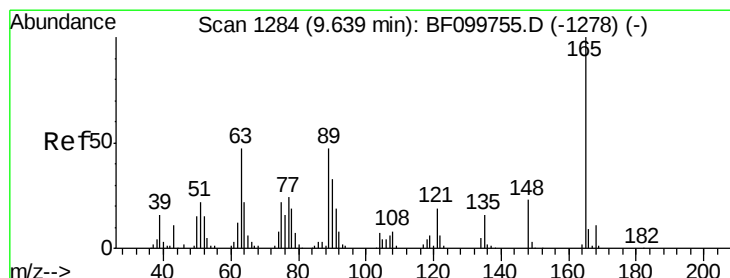
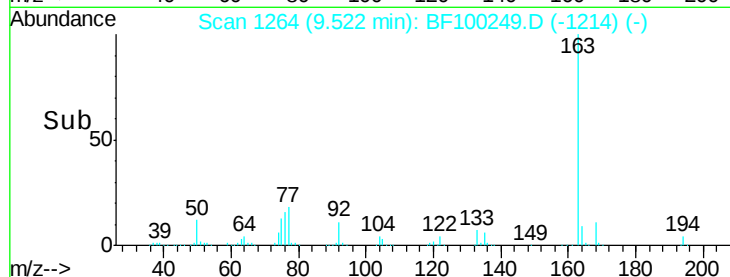
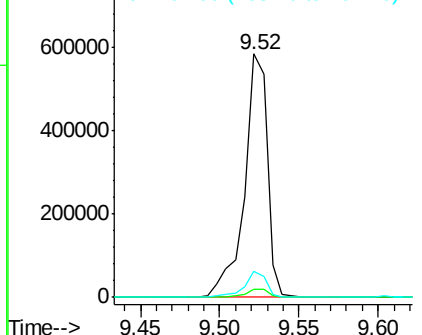
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2

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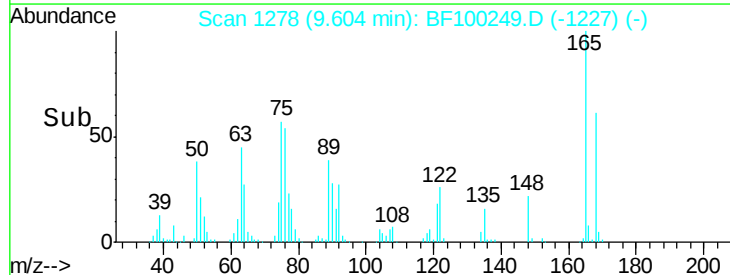
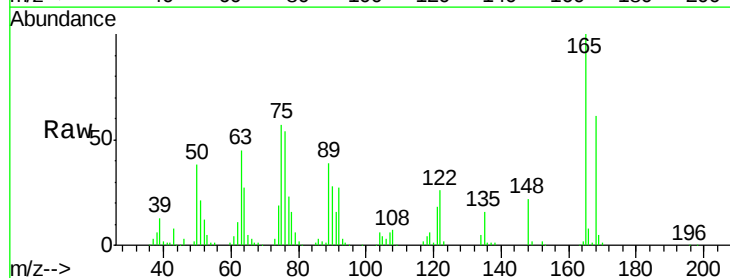
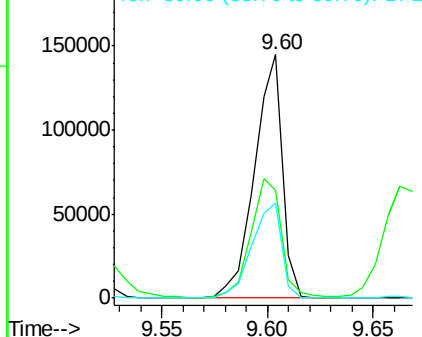
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

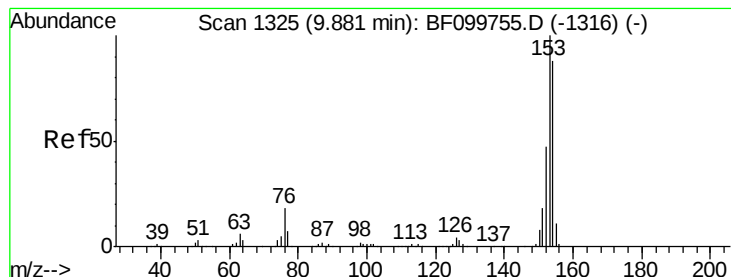


#50
2,6-Dinitrotoluene
Concen: 41.317 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.6	44.7	67.1#
89	38.9	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: 38.670 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

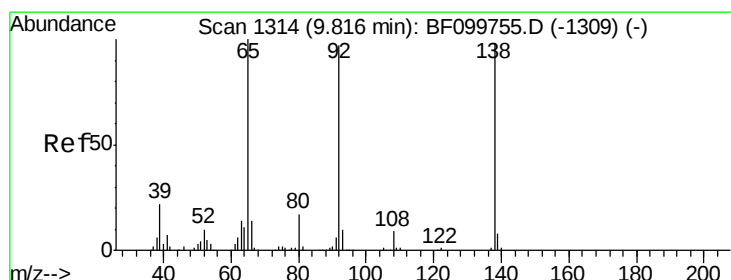
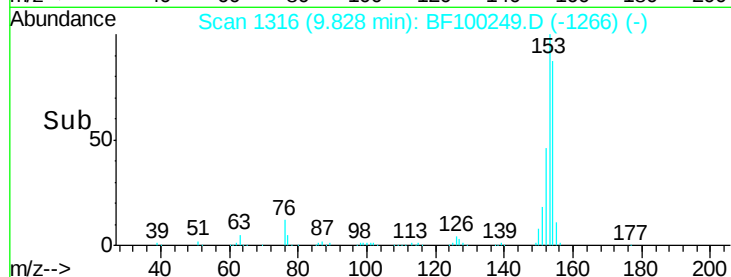
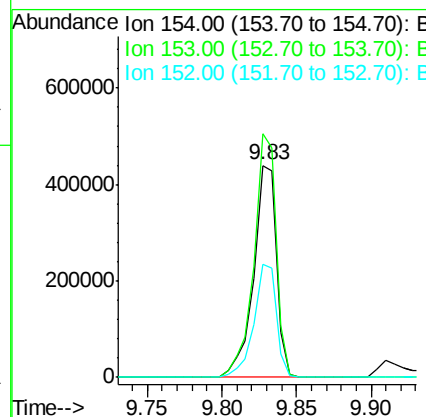
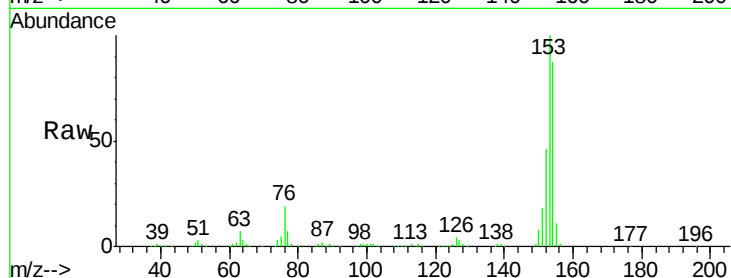
ClientSampleId :

PB103849BS

Tgt Ion:	154	Resp:	462821
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.2	136.8
152	53.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 22.443 ng

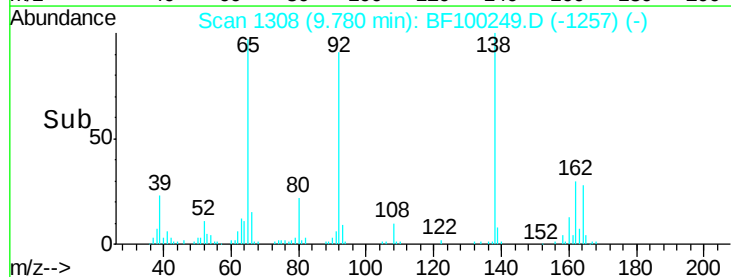
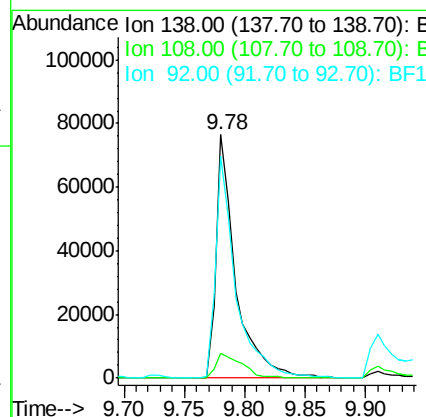
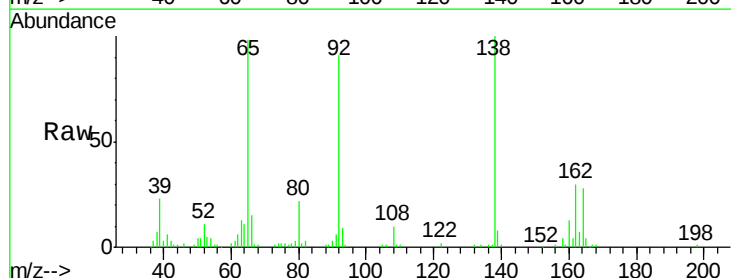
RT: 9.78 min Scan# 1308

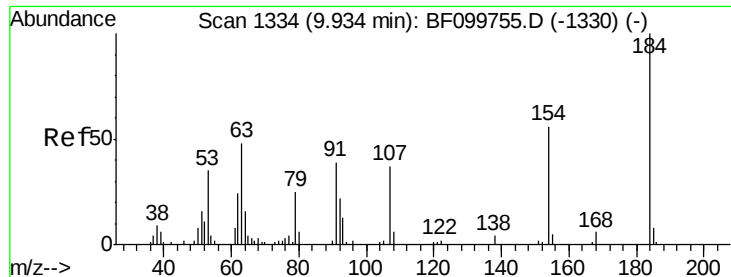
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	138	Resp:	85221
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	91.4	89.4	134.2





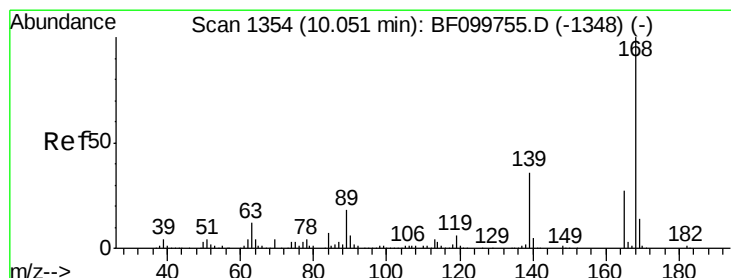
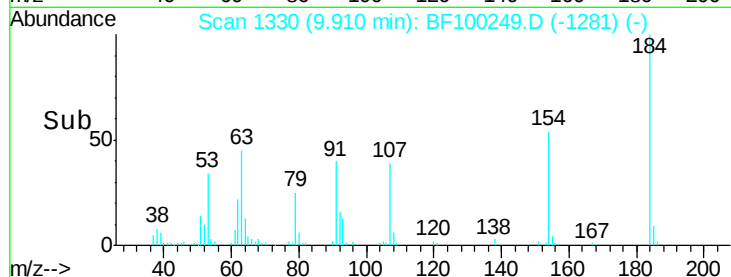
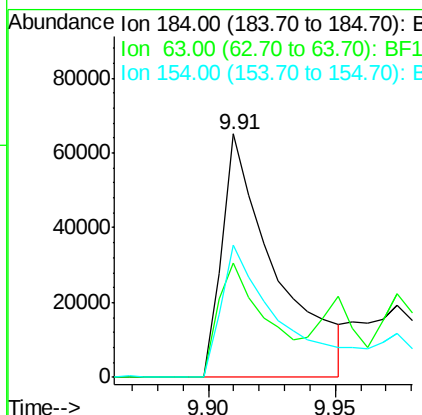
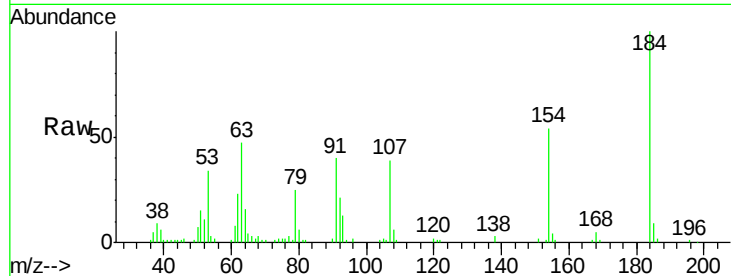
#53
 2,4-Dinitrophenol
 Concen: 75.639 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.1	54.2	81.2#	
154	54.4	53.5	80.3	

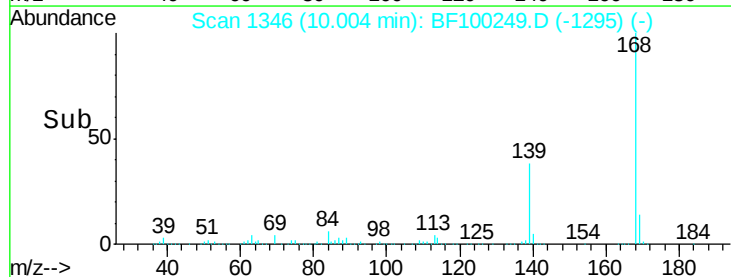
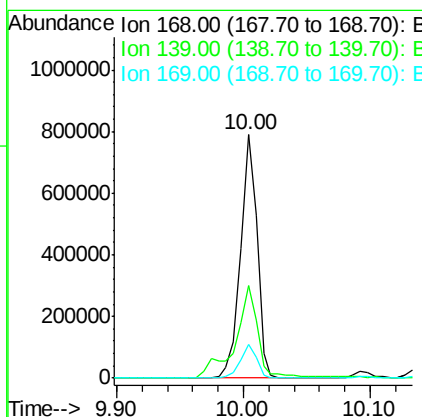
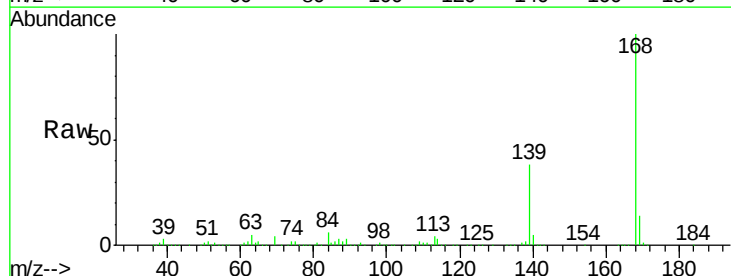
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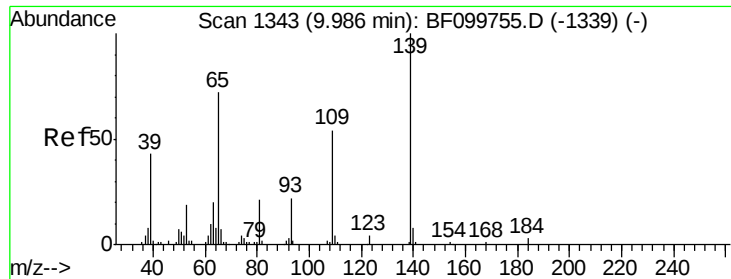
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#54
 Dibenzofuran
 Concen: 41.677 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.9	30.1	45.1	
169	13.6	10.9	16.3	





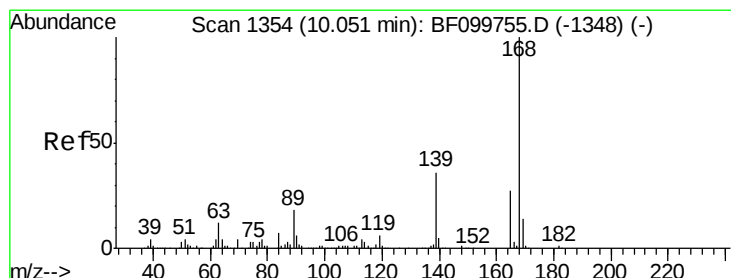
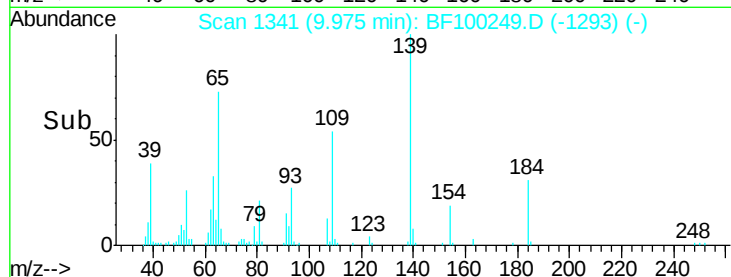
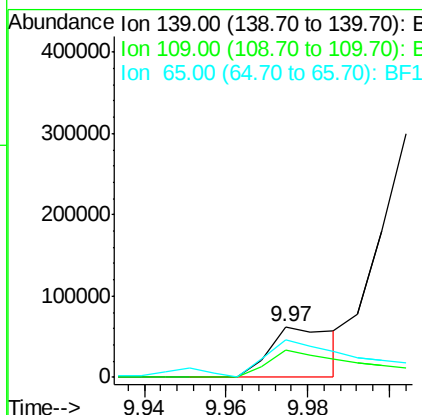
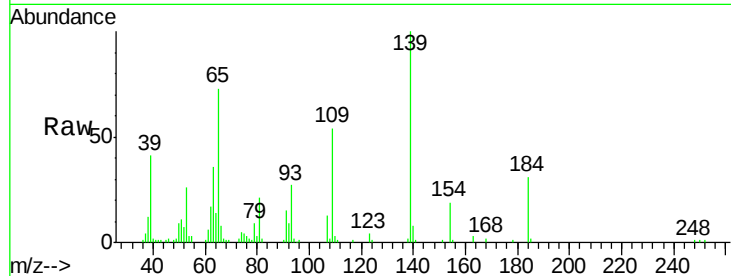
#55
4-Nitrophenol
Concen: 34.885 ng m
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69213		
109	54.4	48.4	88.4	
65	73.5	72.6	112.6	

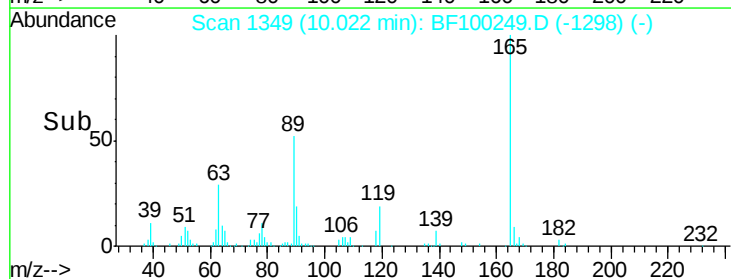
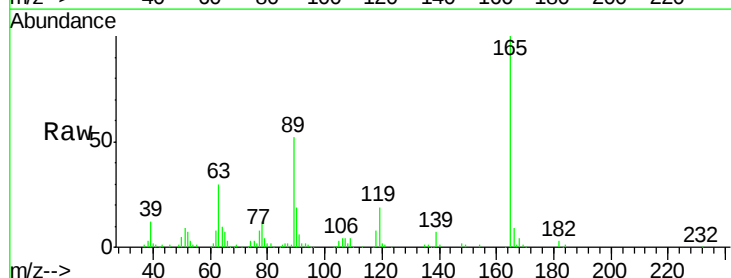
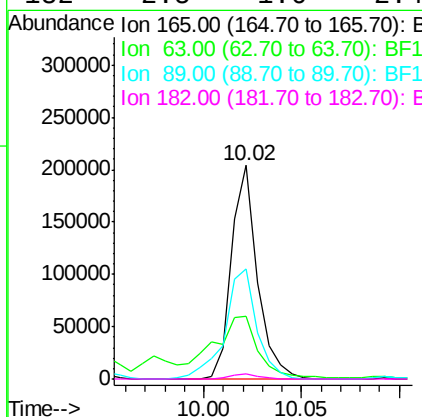
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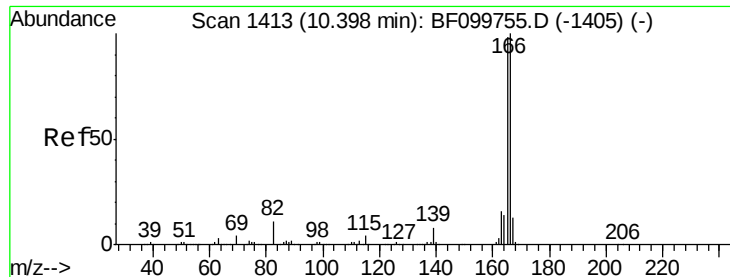
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#56
2,4-Dinitrotoluene
Concen: 48.423 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187928		
63	29.6	36.4	54.6#	
89	51.6	57.8	86.6#	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 39.971 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

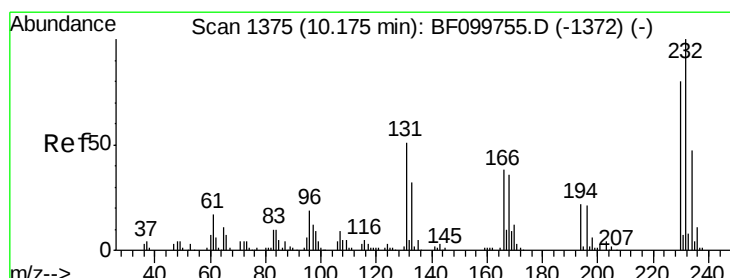
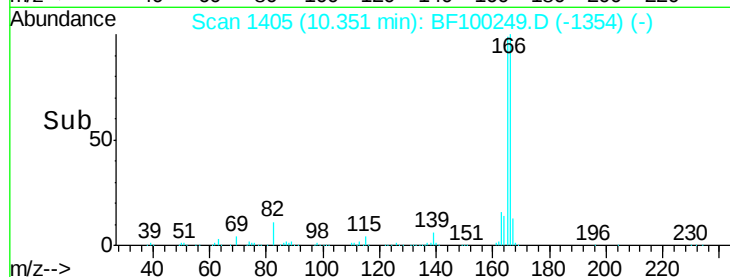
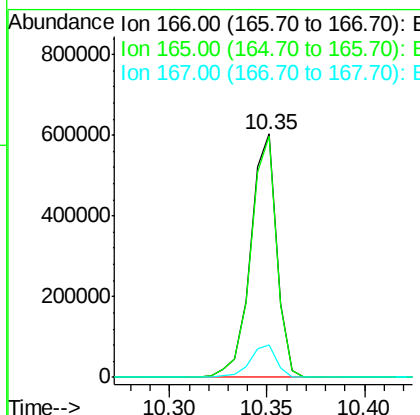
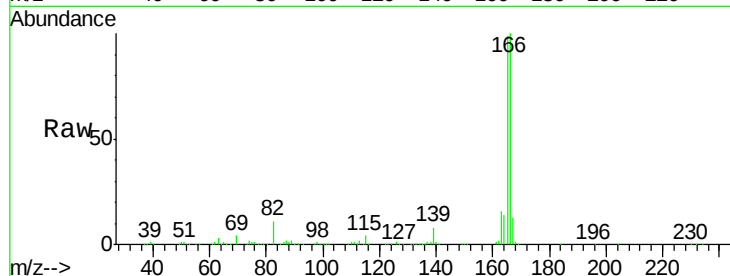
ClientSampleId :

PB103849BS

Tgt Ion:	166	Resp:	559114
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.795 ng

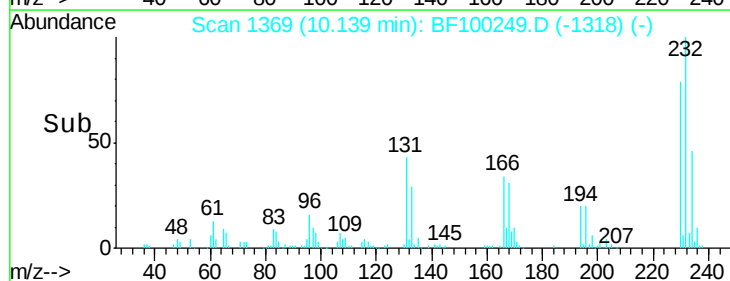
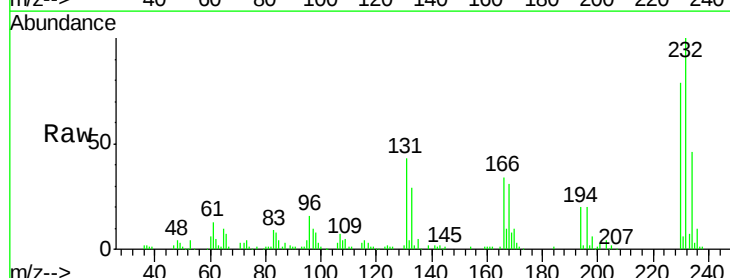
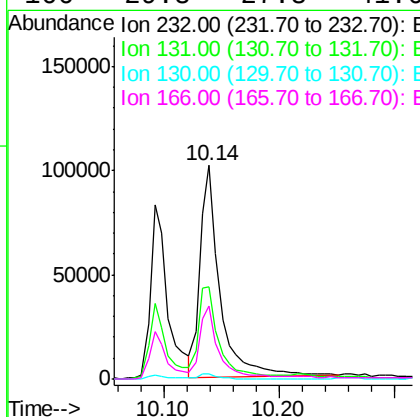
RT: 10.14 min Scan# 1369

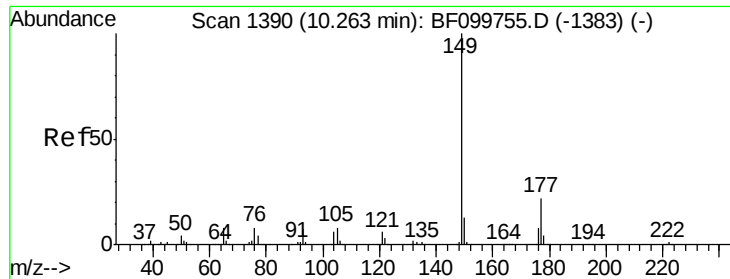
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	232	Resp:	123226
Ion Ratio	Lower	Upper	
232	100		
131	47.4	43.8	65.8
130	2.1	2.1	3.1
166	29.8	27.8	41.6





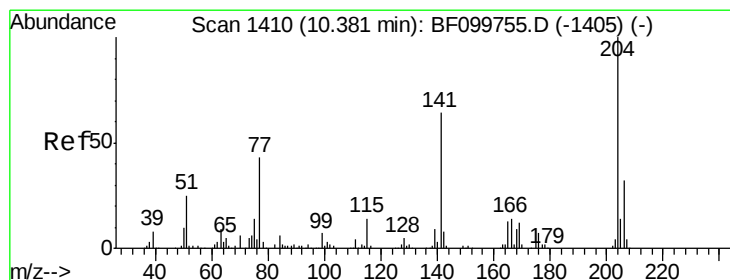
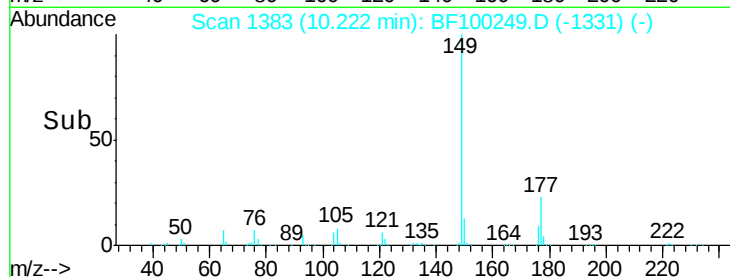
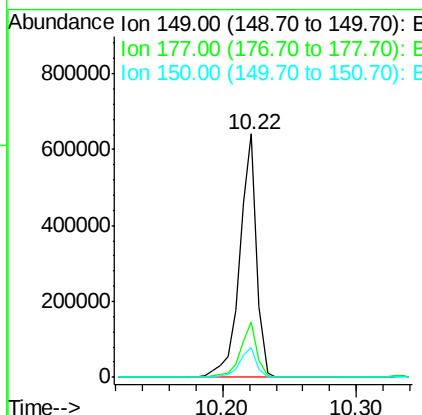
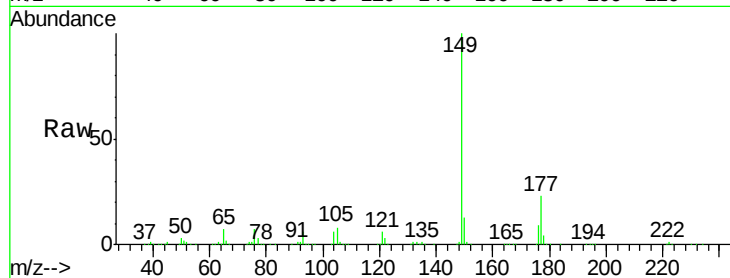
#59
Diethylphthalate
Concen: 37.468 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	560887		
177	22.7	16.1	24.1	
150	12.5	10.1	15.1	

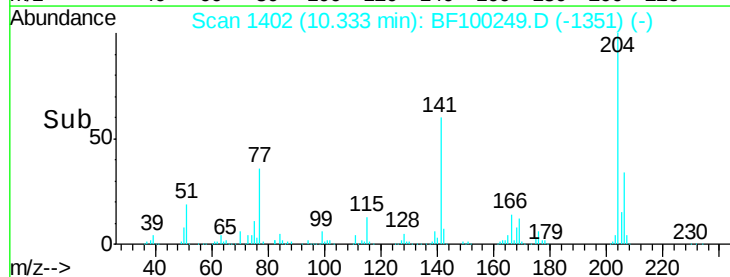
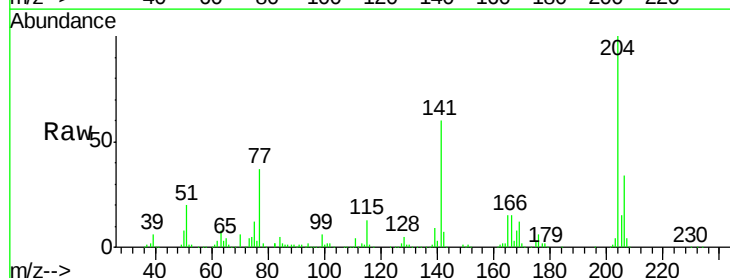
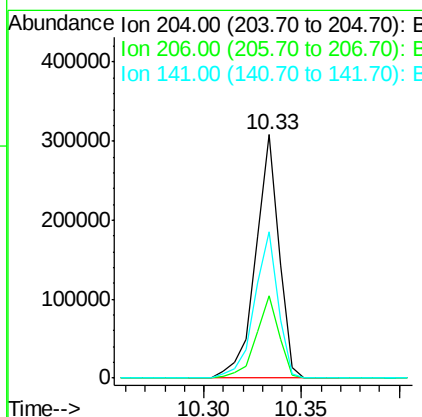
Manual Integrations
APPROVED

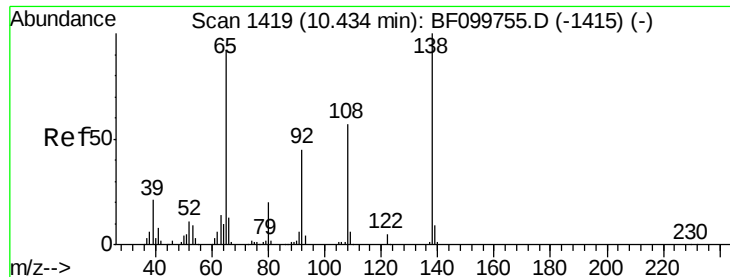
Sohil
11/7/2017 5:39:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.704 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	254797		
206	33.8	26.5	39.7	
141	60.3	54.6	81.8	





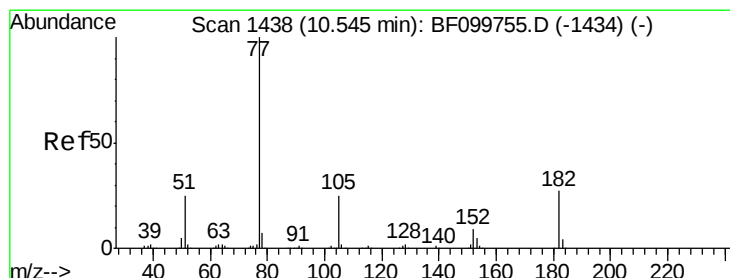
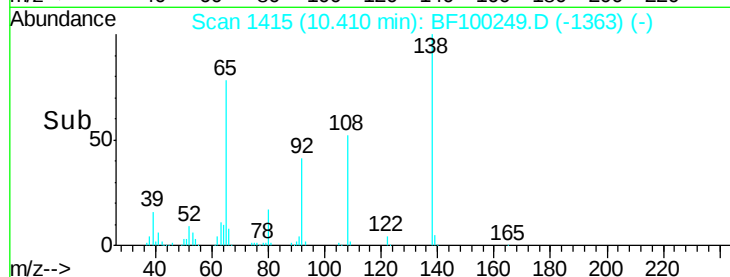
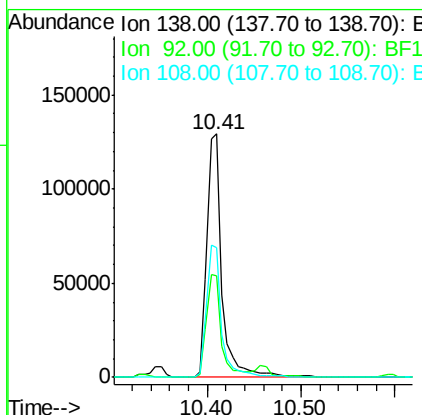
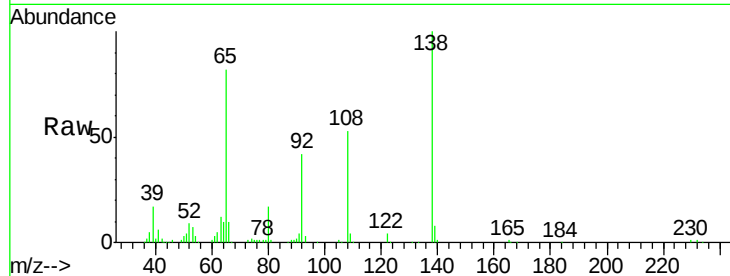
#61
4-Nitroaniline
Concen: 40.479 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampled :
PB103849BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.6	30.2	70.2
108	53.2	52.5	92.5

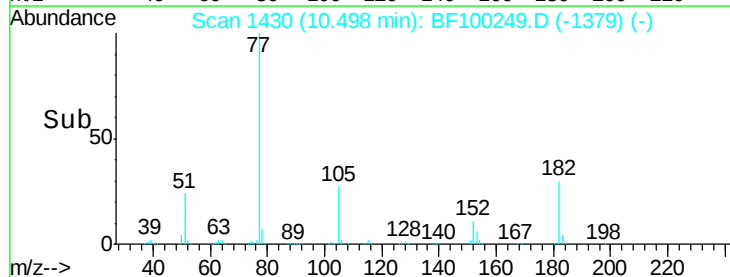
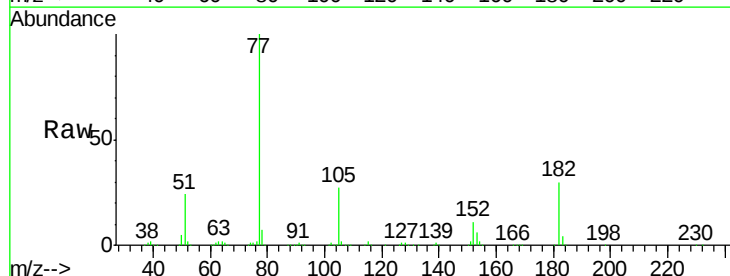
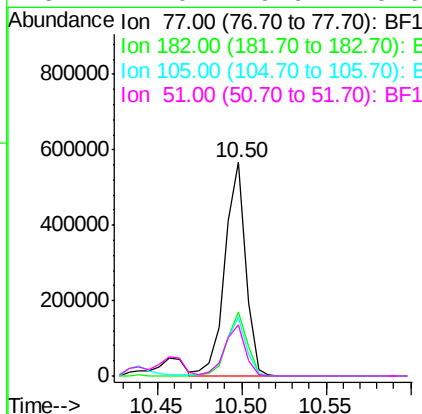
Manual Integrations
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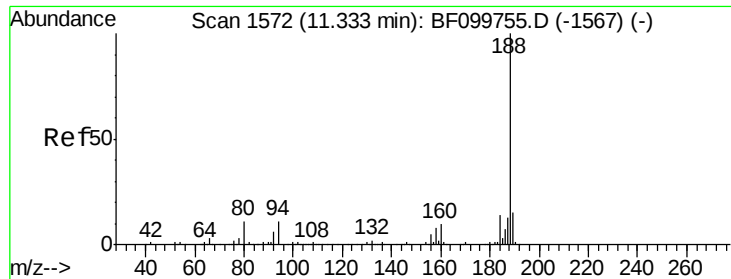
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#62
Azobenzene
Concen: 38.579 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	1.7	41.7
105	27.3	3.0	43.0
51	24.0	9.9	49.9





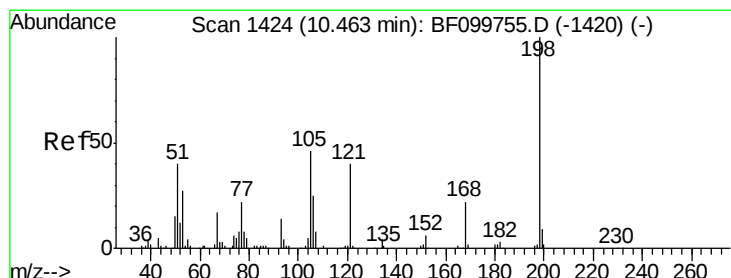
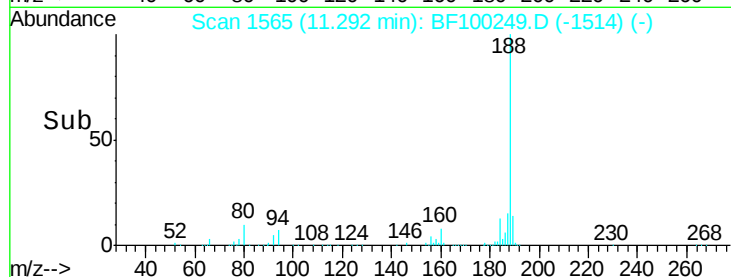
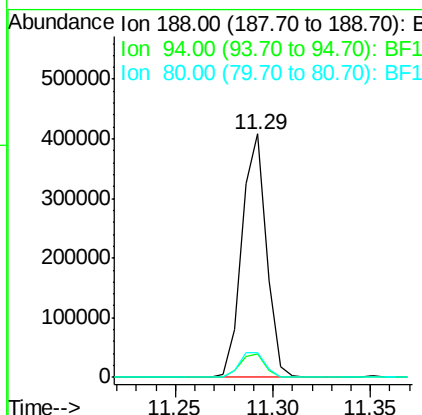
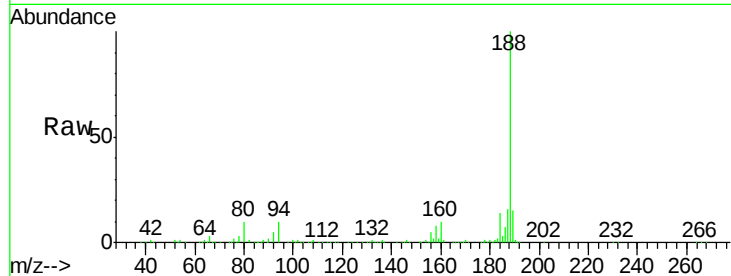
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampled :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	353977		
94	9.8	8.5	12.7	
80	10.2	9.2	13.8	

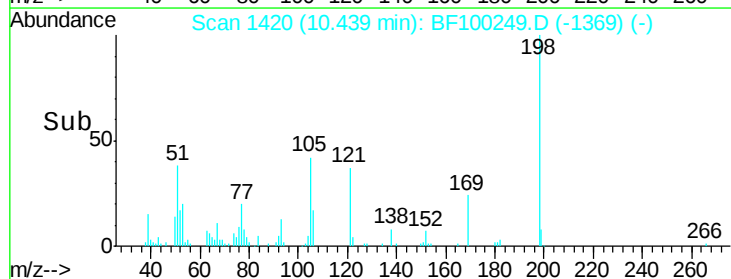
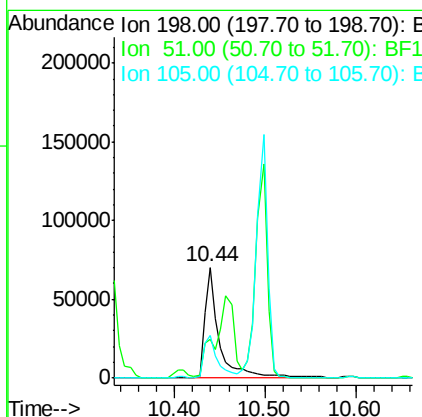
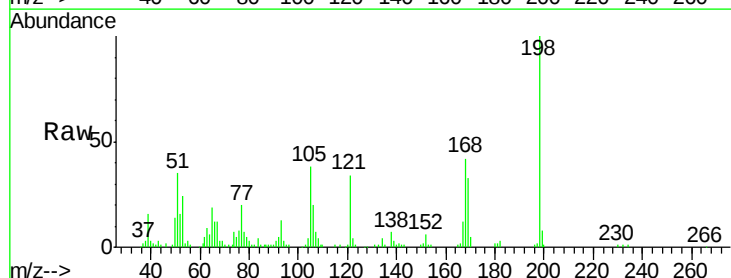
Manual Integrations
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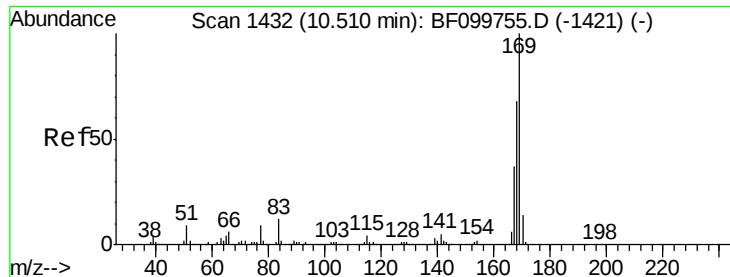
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.972 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	80041		
51	34.8	37.7	77.7#	
105	38.1	36.3	76.3	





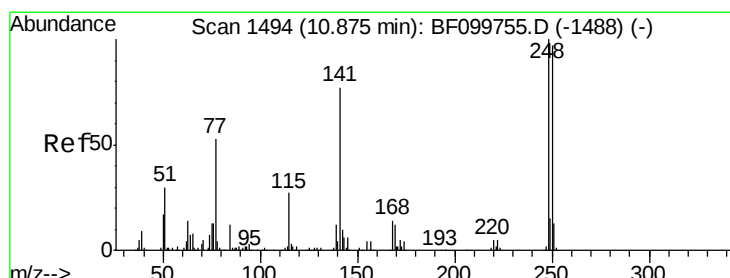
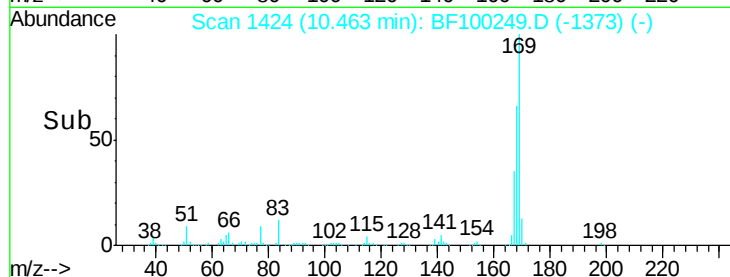
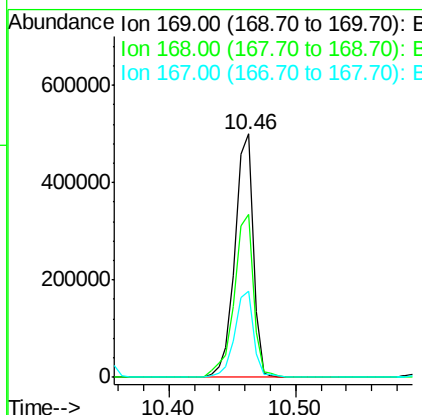
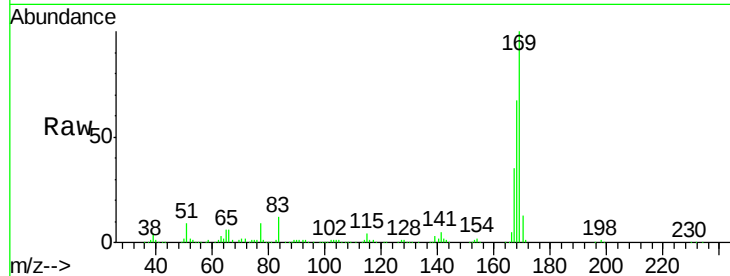
#65
n-Nitrosodiphenylamine
Concen: 38.107 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	497943		
168	66.9	54.4	81.6	
167	35.3	29.8	44.6	

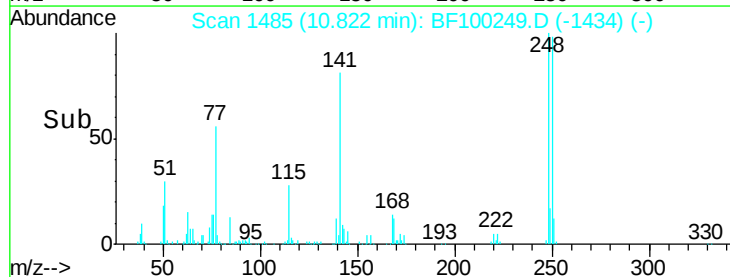
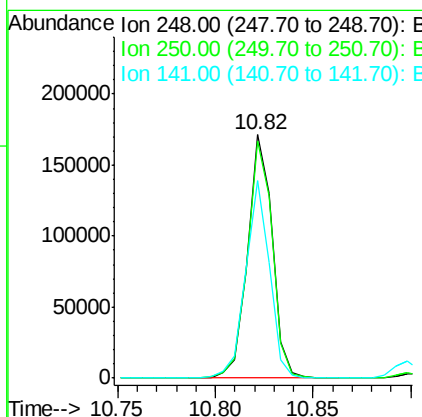
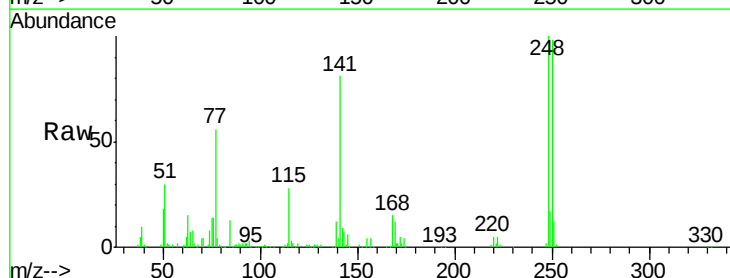
Manual Integrations
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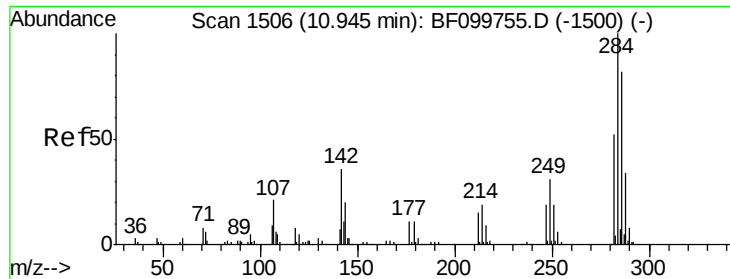
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#66
4-Bromophenyl-phenylether
Concen: 40.293 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	150153		
250	97.5	76.9	115.3	
141	80.9	74.4	111.6	





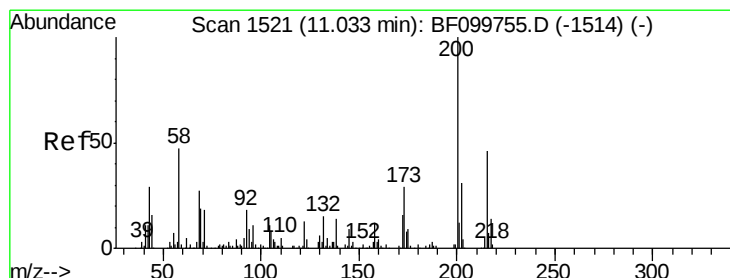
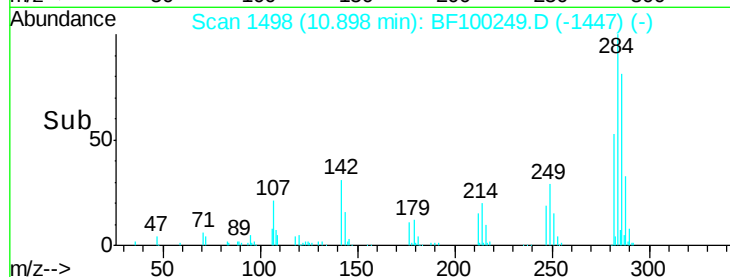
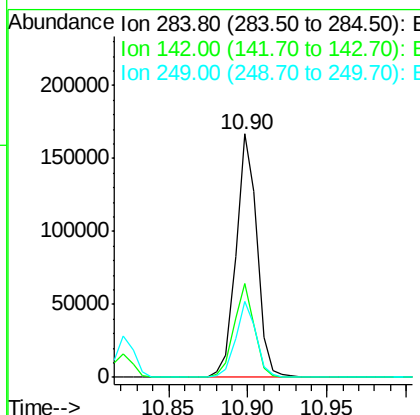
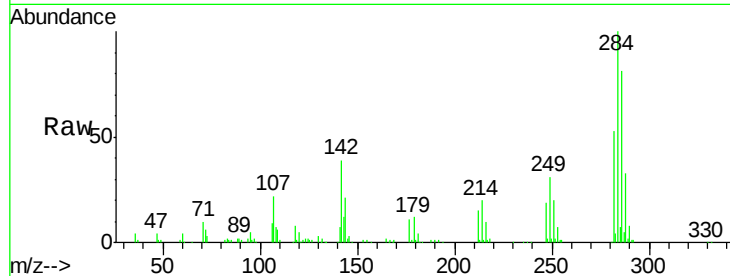
#67
Hexachlorobenzene
Concen: 40.030 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.5	34.6	52.0
249	31.4	24.8	37.2

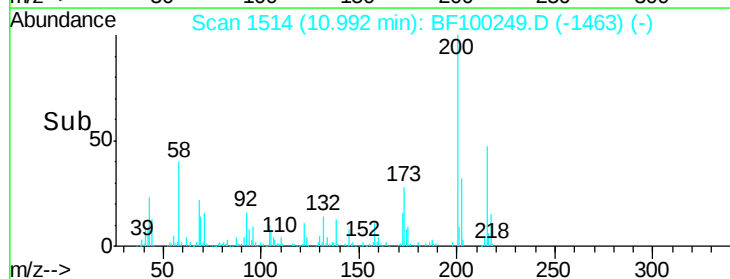
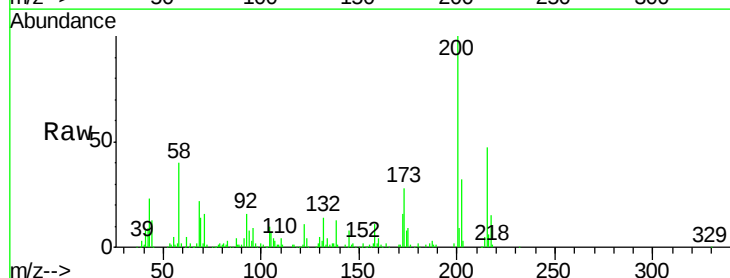
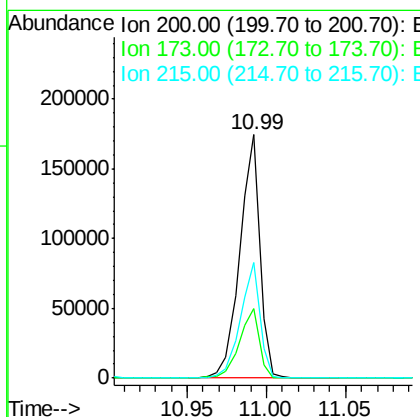
Manual Integrations
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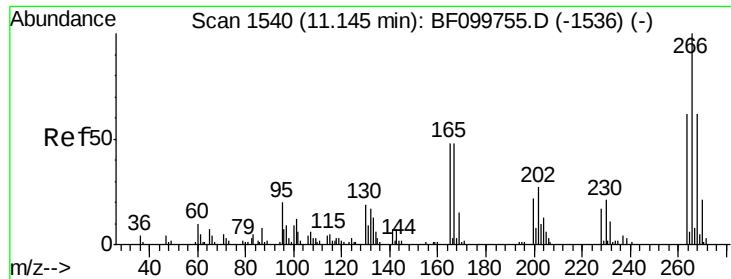
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#68
Atrazine
Concen: 38.717 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.6	48.6
215	47.3	25.1	65.1





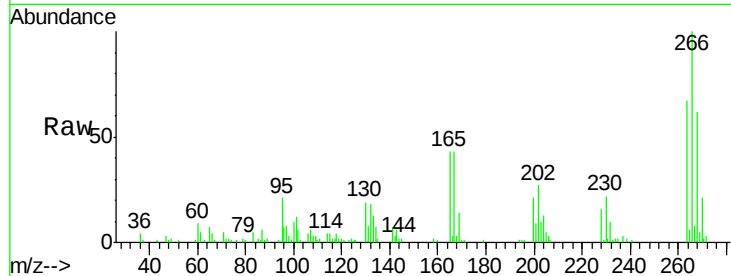
#69
 Pentachlorophenol
 Concen: 55.279 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

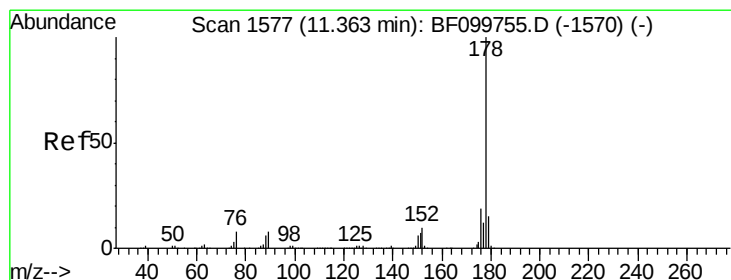
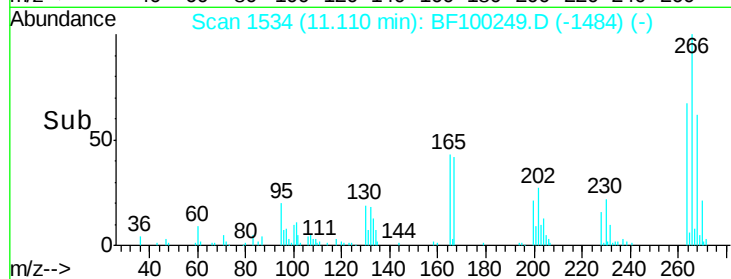
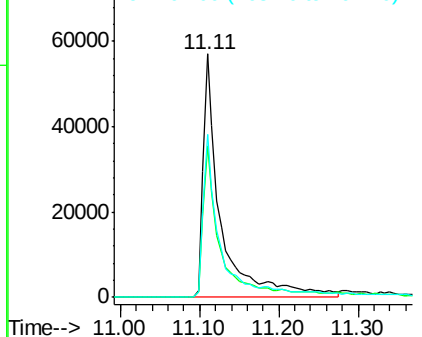
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	66.8	49.5	74.3

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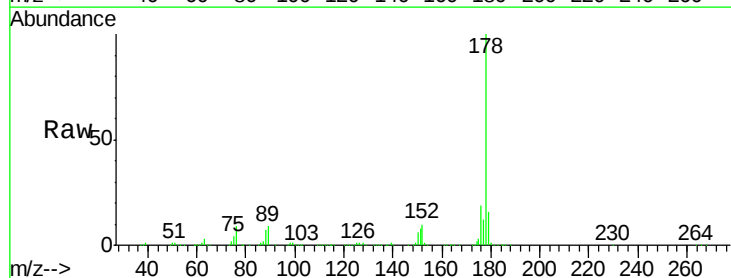


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

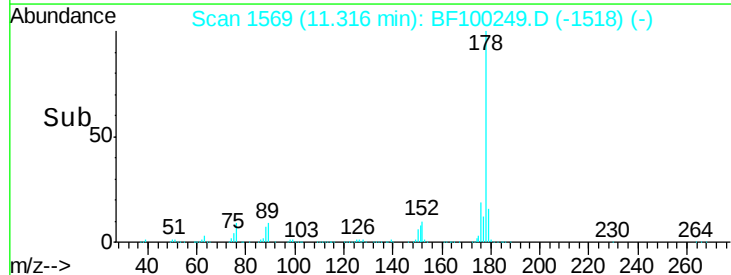
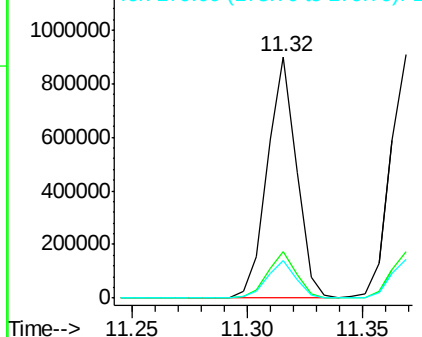


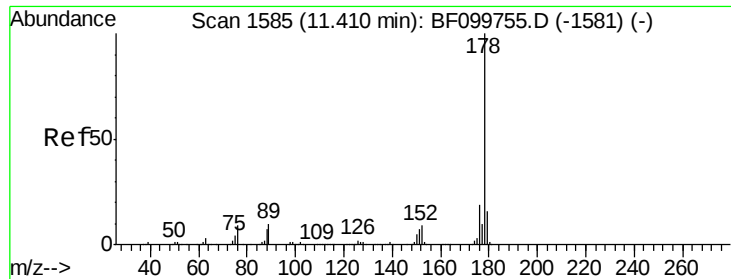
#70
 Phenanthrene
 Concen: 39.611 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





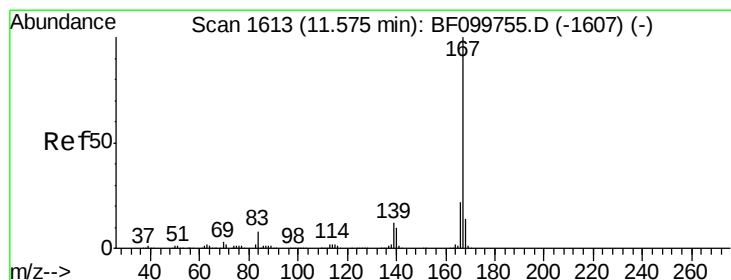
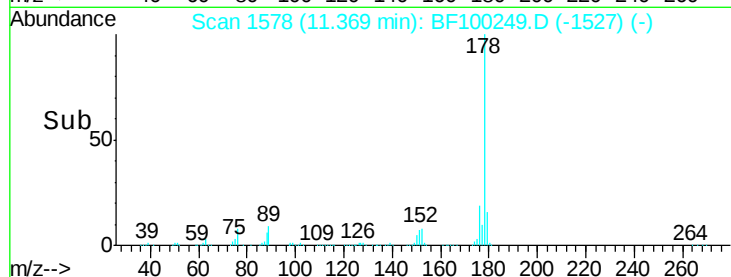
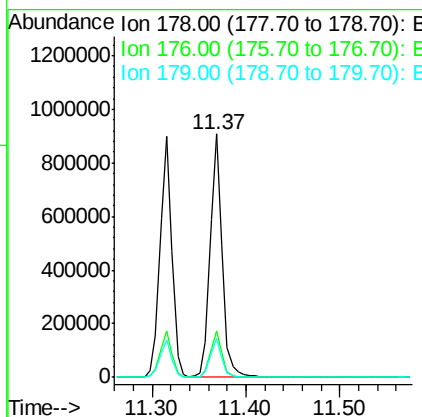
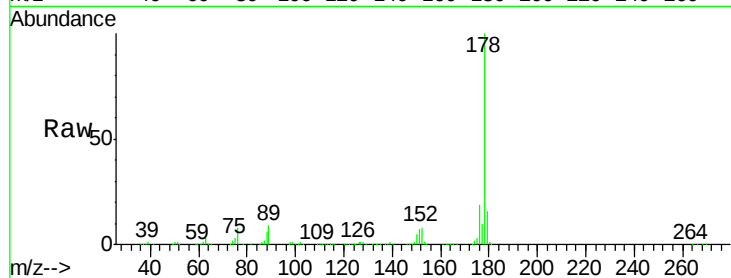
#71
 Anthracene
 Concen: 40.730 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.1	12.6	19.0

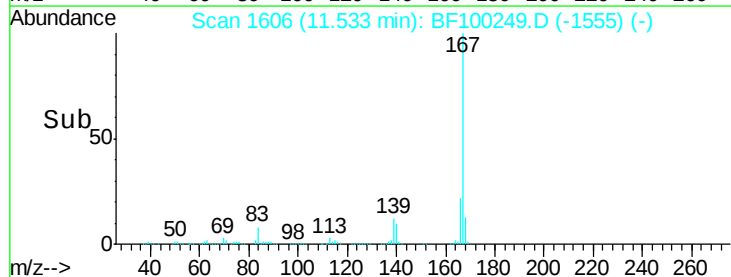
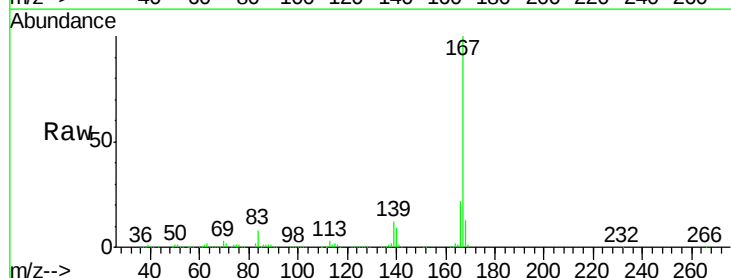
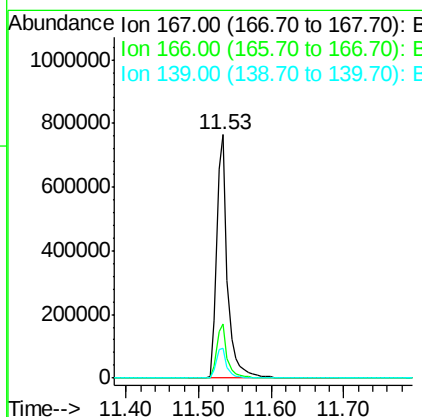
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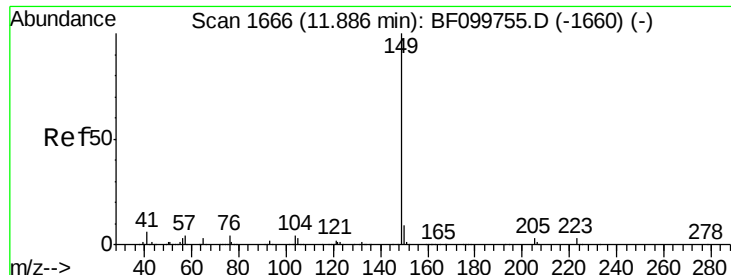
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#72
 Carbazole
 Concen: 41.132 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.580 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

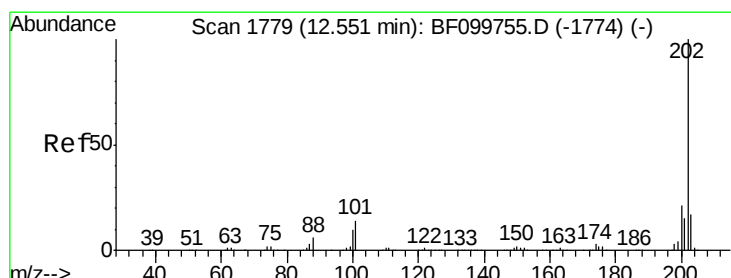
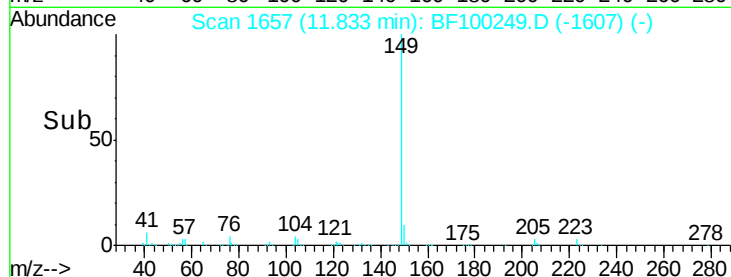
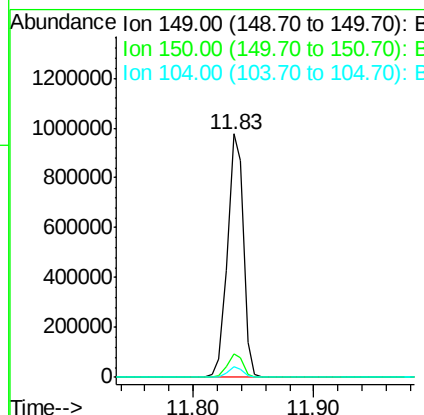
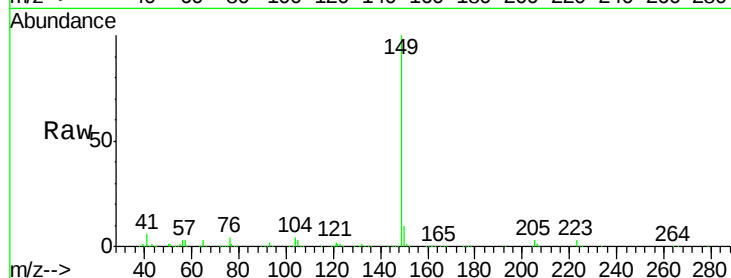
ClientSampleId :

PB103849BS

Tgt Ion:	149	Resp:	889673
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.2	3.8	5.8

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#74

Fluoranthene

Concen: 39.907 ng

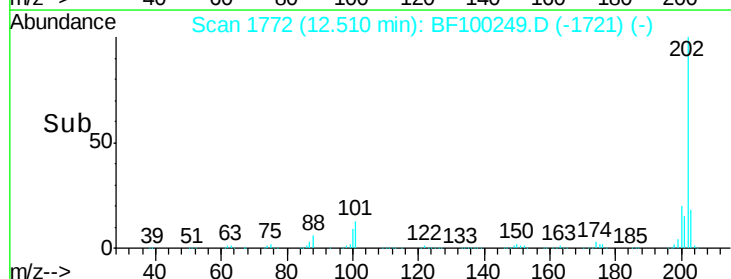
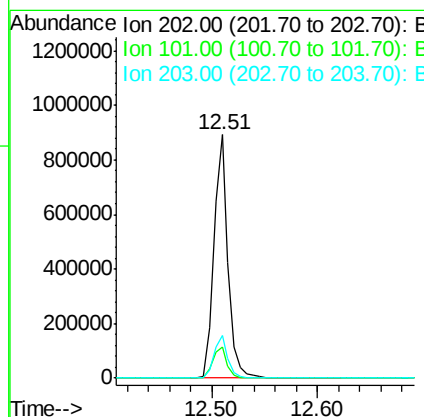
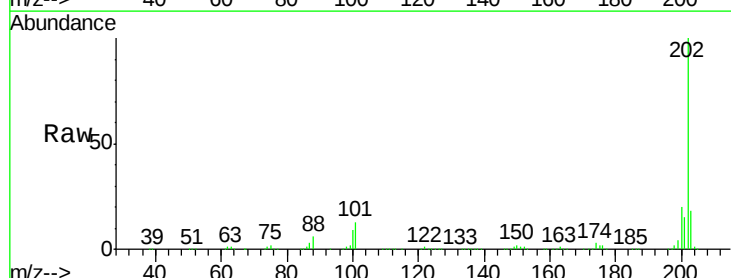
RT: 12.51 min Scan# 1772

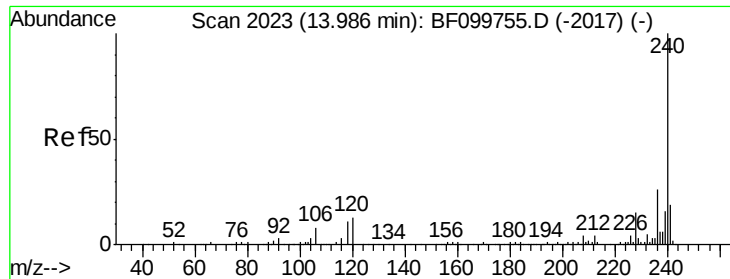
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	202	Resp:	828481
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

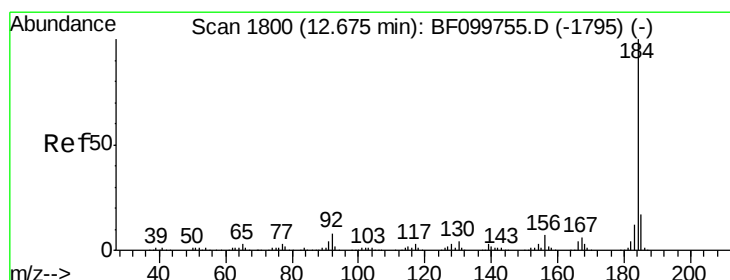
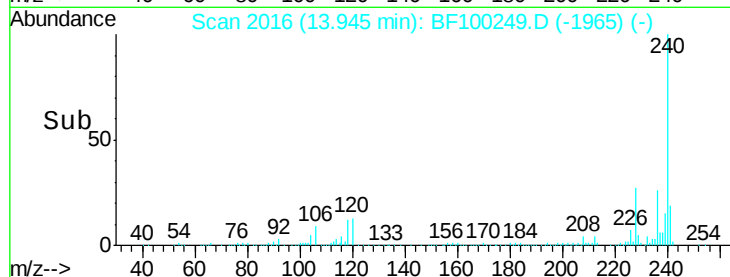
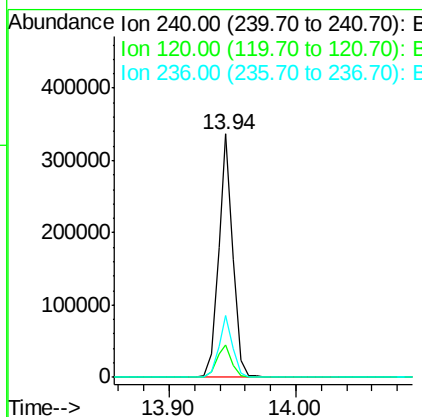
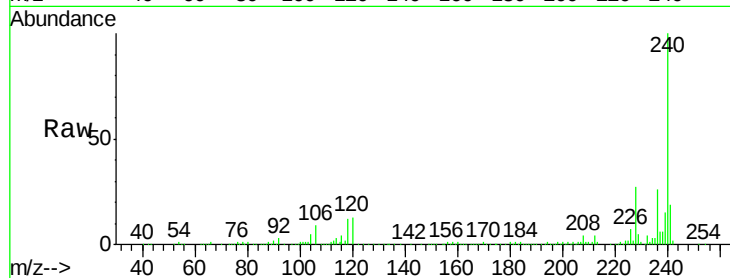
ClientSampleId :

PB103849BS

Tgt Ion:	240	Resp:	263609
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.5	20.7	31.1

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#76

Benzidine

Concen: 21.500 ng

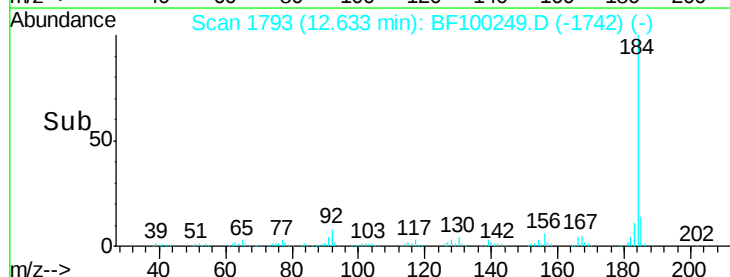
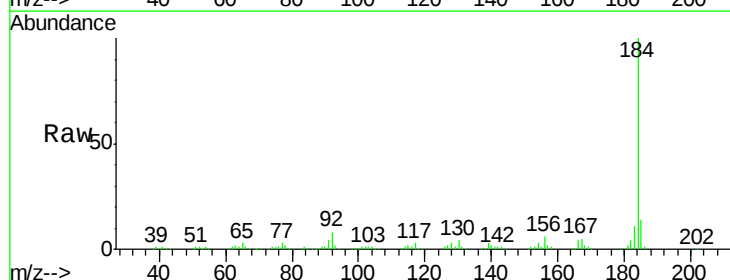
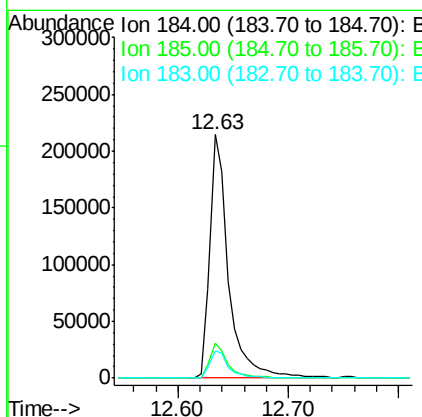
RT: 12.63 min Scan# 1793

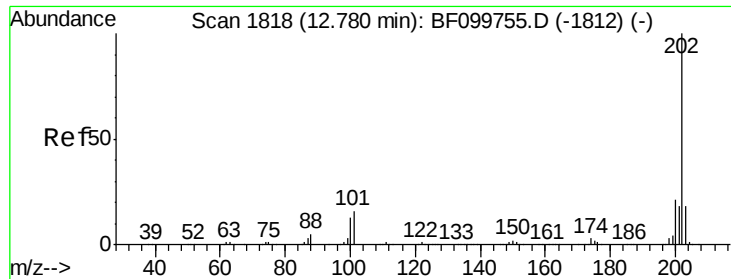
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	184	Resp:	248003
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.4	9.3	13.9





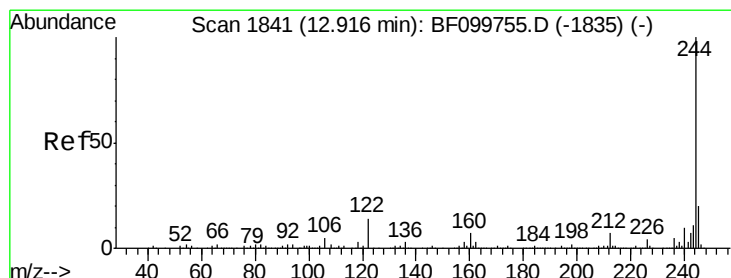
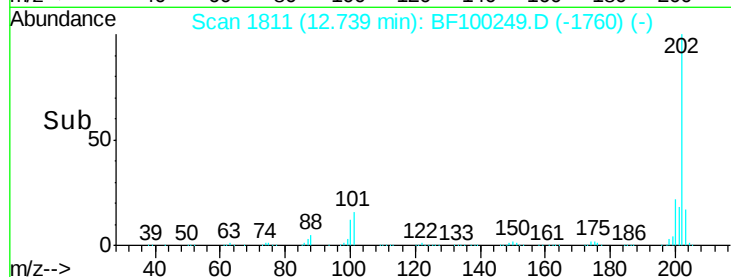
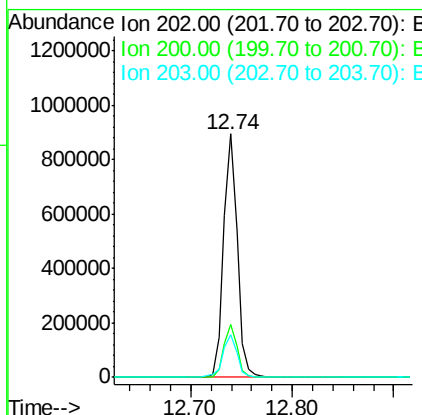
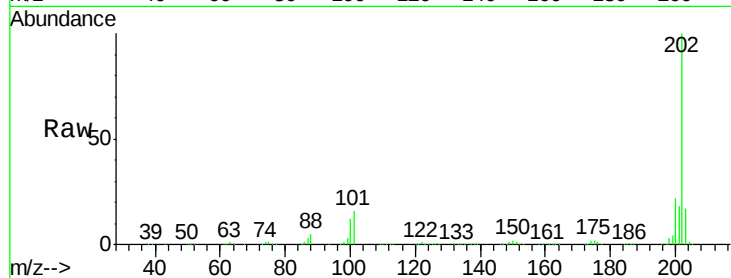
#77
 Pyrene
 Concen: 41.844 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	838740		
200	21.6		17.4	26.2
203	17.3		14.3	21.5

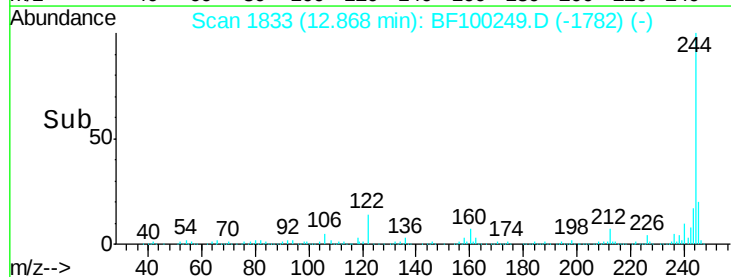
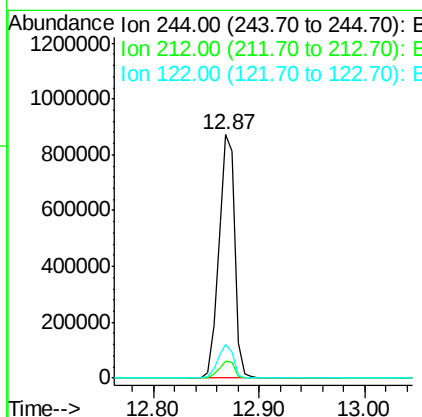
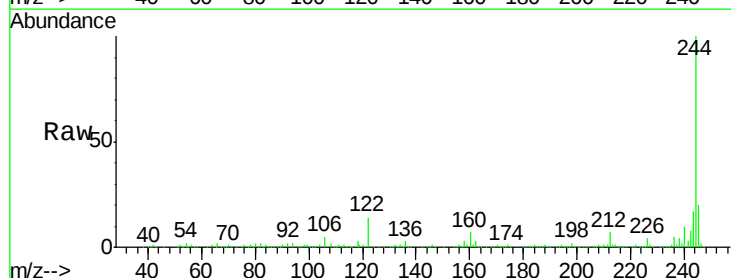
Manual Integrations
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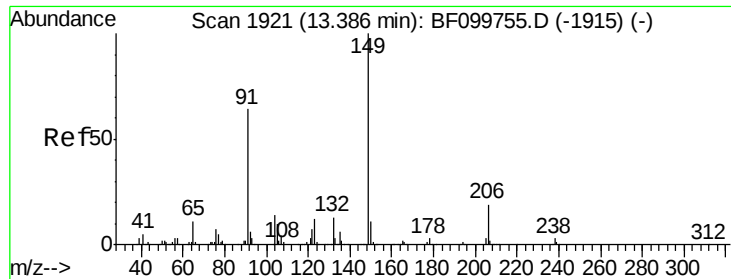
Sohil
 11/7/2017 5:39:42 PM



#78
 Terphenyl-d14
 Concen: 76.407 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	921652		
212	7.0		5.4	8.0
122	13.7		11.0	16.4





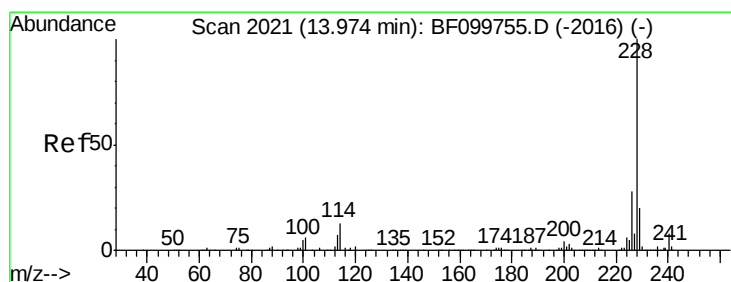
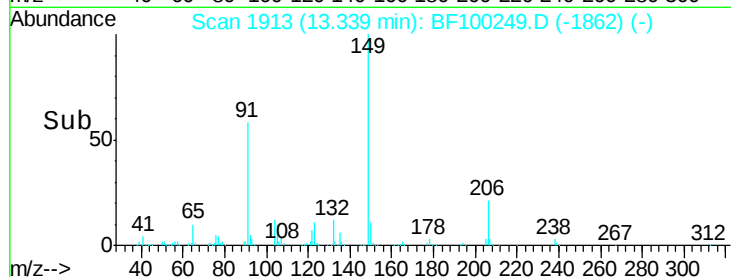
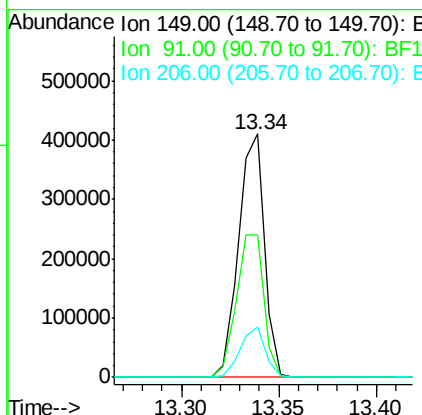
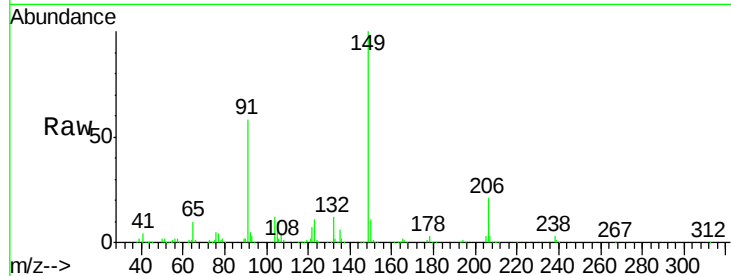
#79
Butylbenzylphthalate
Concen: 38.360 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	378640		
91	58.3	56.8	85.2	
206	20.8	14.1	21.1	

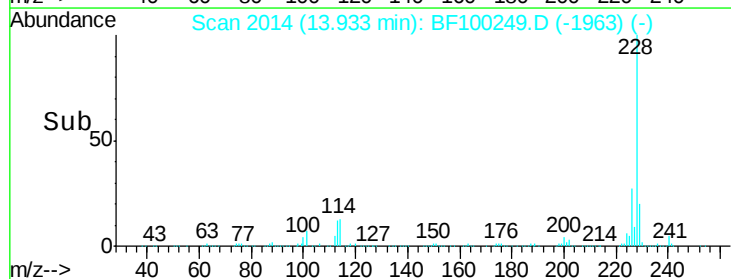
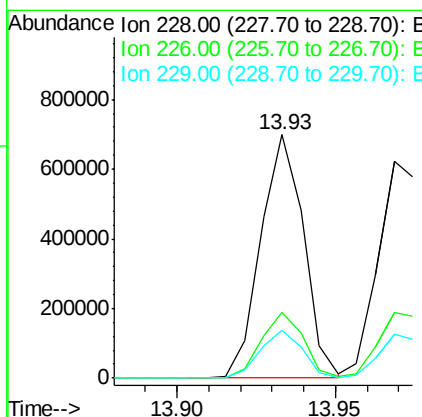
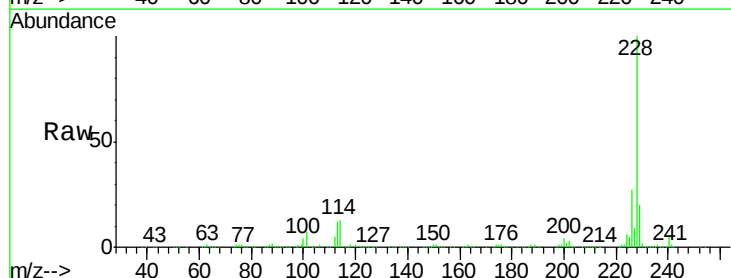
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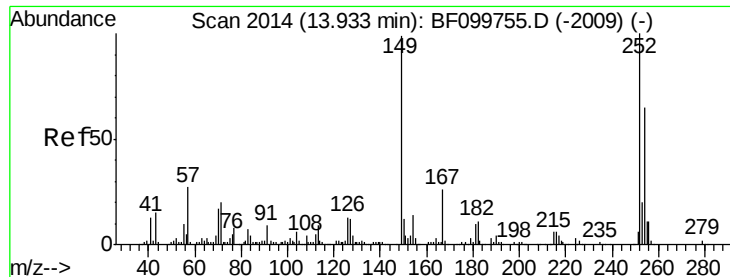
Sohil
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#80
Benzo(a)anthracene
Concen: 39.343 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	657462		
226	26.9	22.6	33.8	
229	19.5	15.8	23.6	





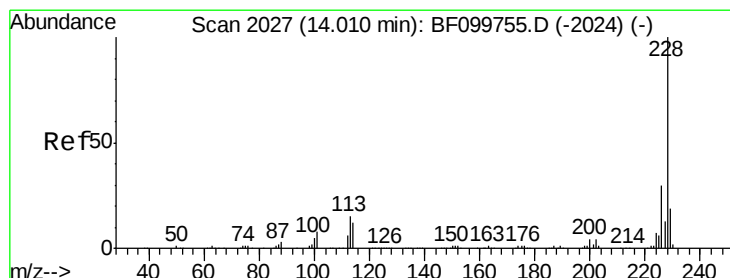
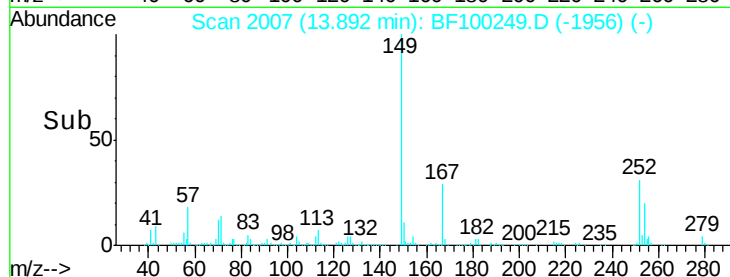
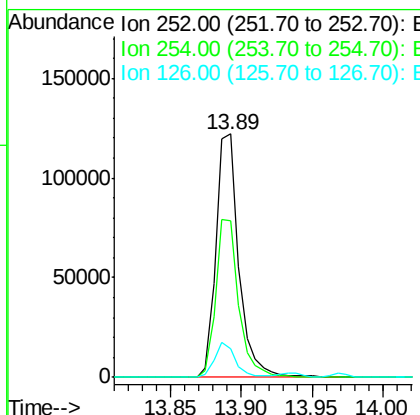
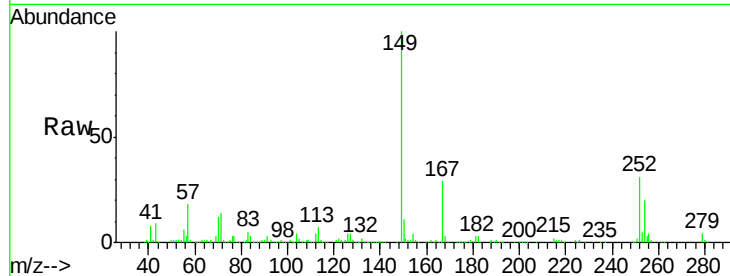
#81
 3,3'-Dichlorobenzidine
 Concen: 22.721 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.6	11.3	16.9

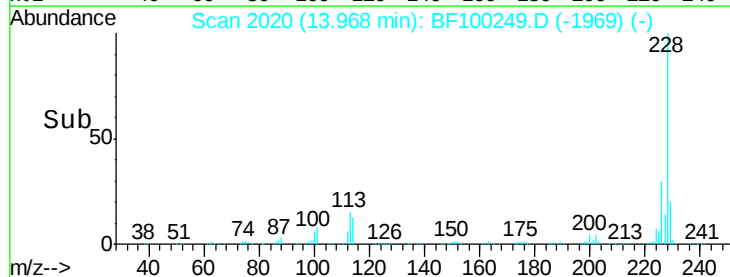
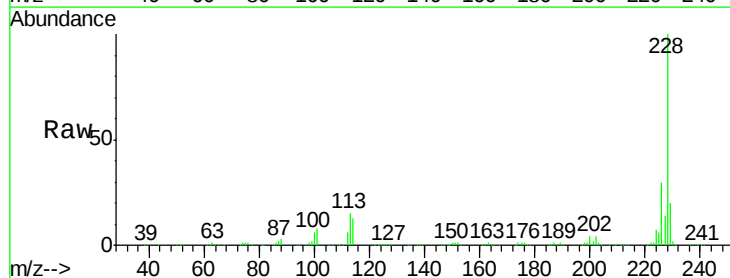
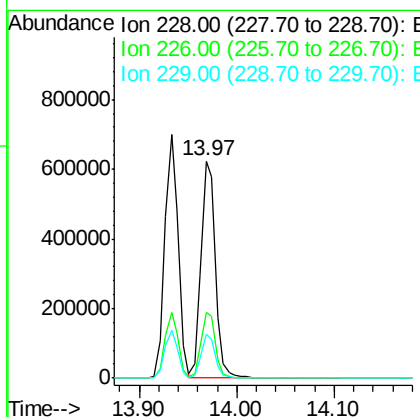
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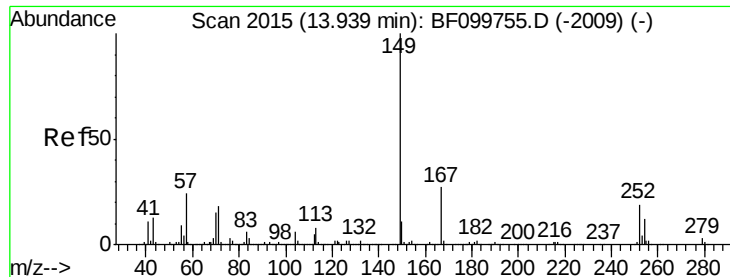
Sohil
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#82
 Chrysene
 Concen: 40.360 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.2	16.2	24.4





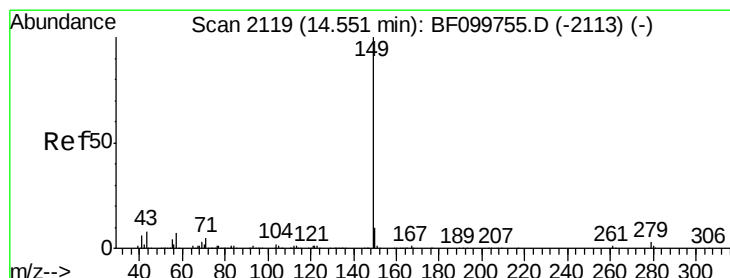
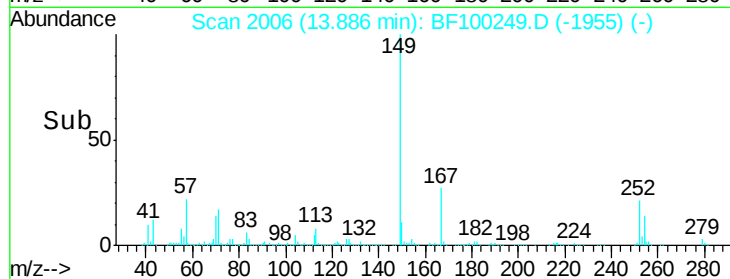
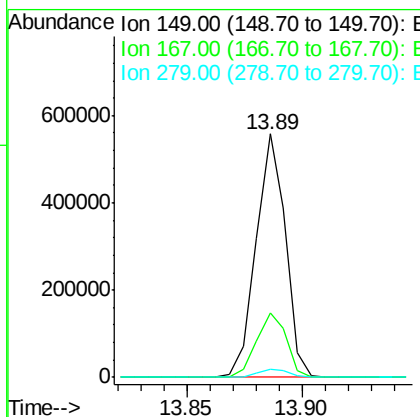
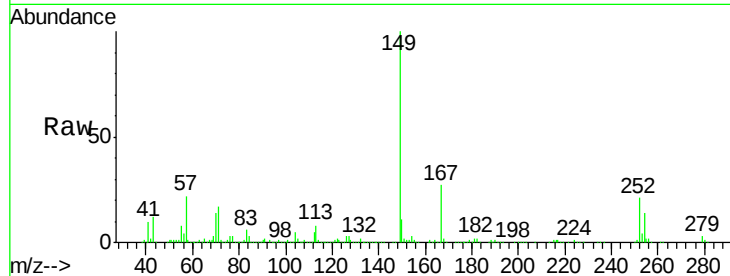
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.799 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	496225		
167	26.7	21.3	31.9	
279	3.1	3.0	4.4	

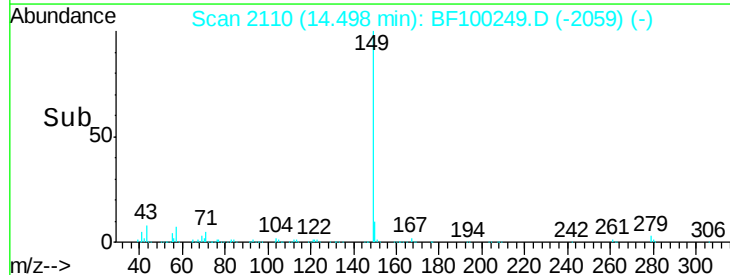
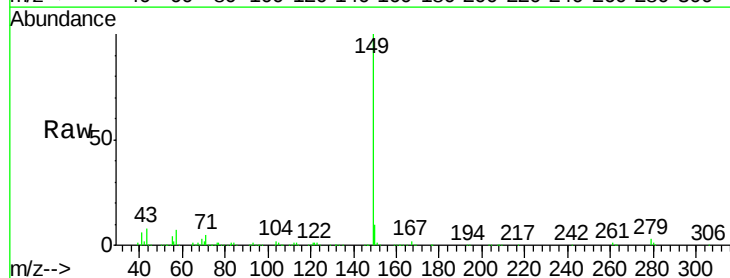
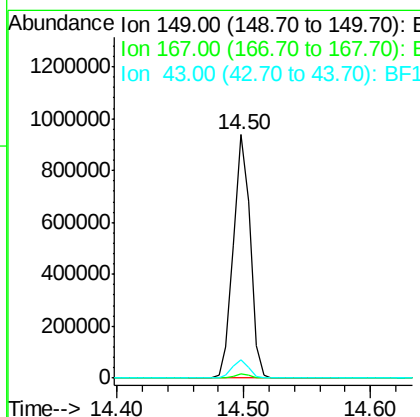
Manual Integrations
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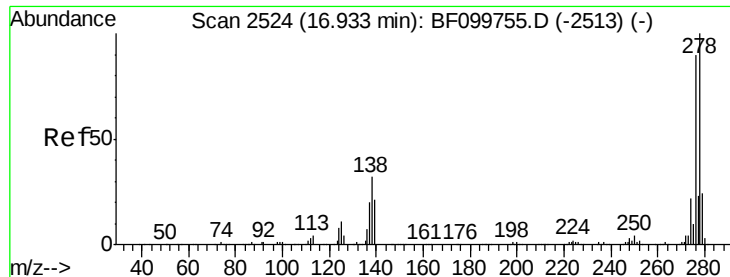
Sohil
 11/7/2017 5:39:42 PM



#84
 Di-n-octyl phthalate
 Concen: 35.749 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	850498		
167	1.6	1.2	1.8	
43	7.4	8.4	12.6	





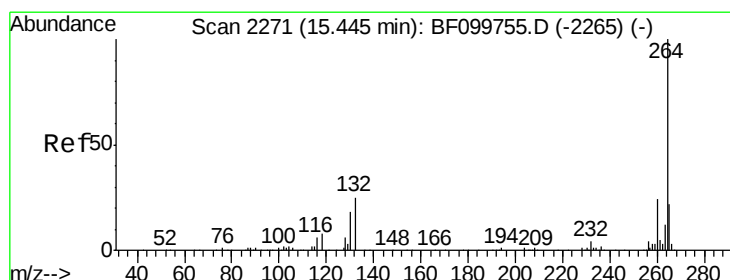
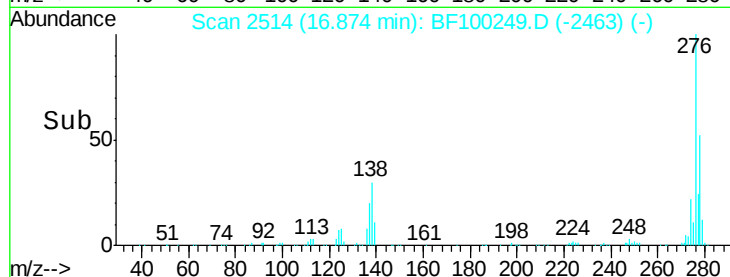
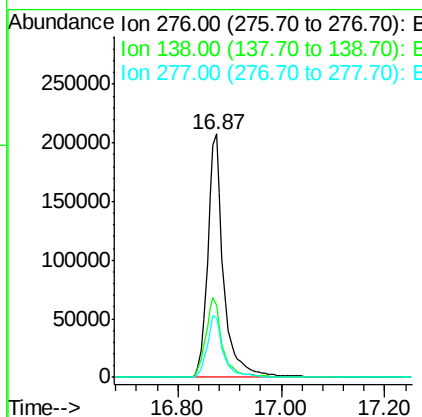
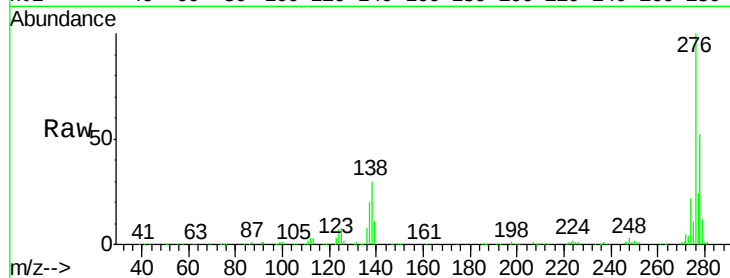
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.716 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampled :
 PB103849BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.6	20.1	30.1

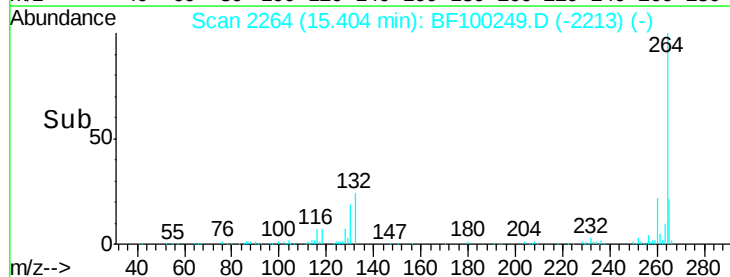
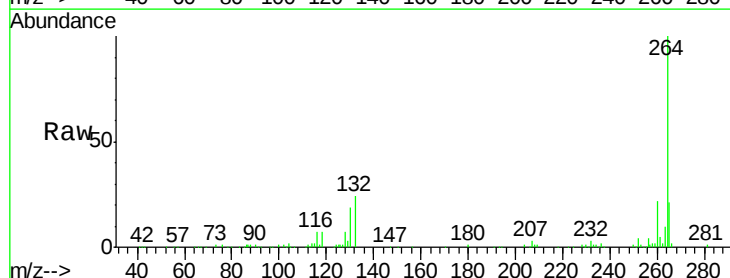
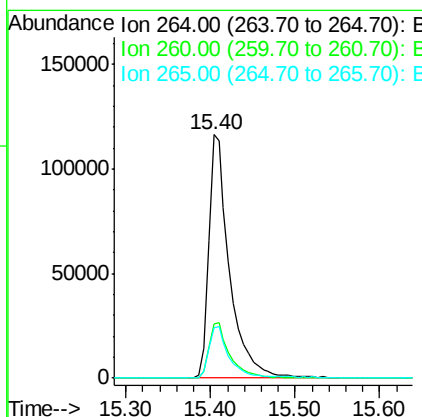
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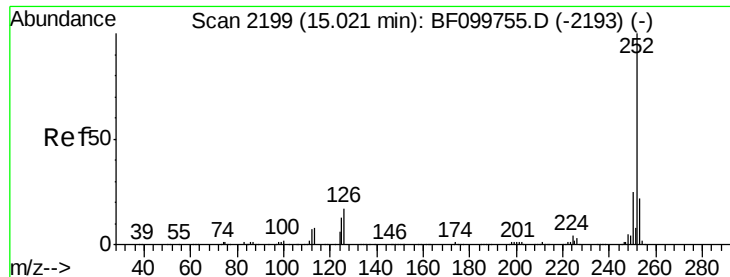
Sohil
 11/7/2017 5:39:42 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.549 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Instrument :

BNA_F

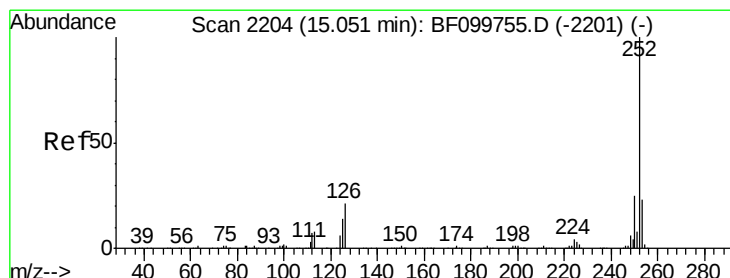
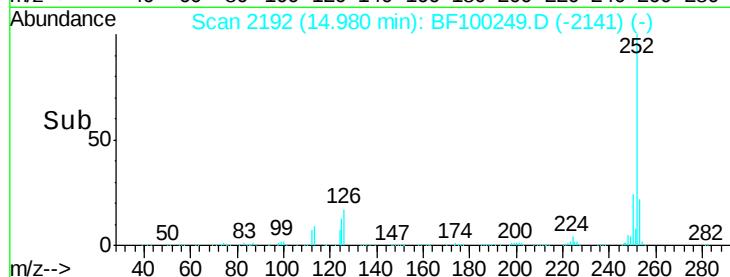
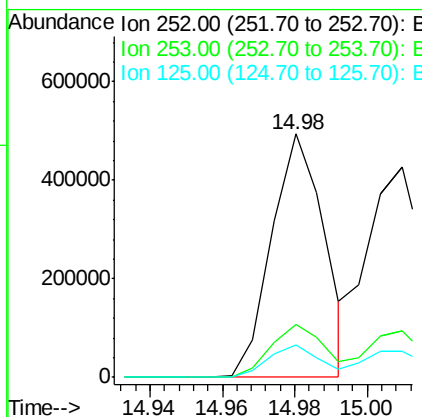
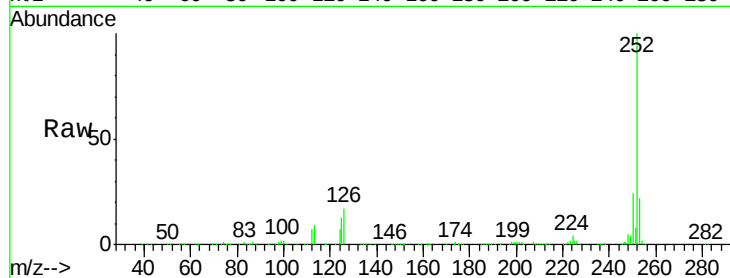
ClientSampleId :

PB103849BS

Tgt Ion:	252	Resp:	500697
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	13.4	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.211 ng

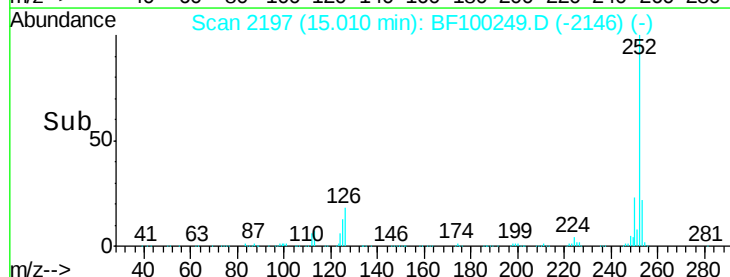
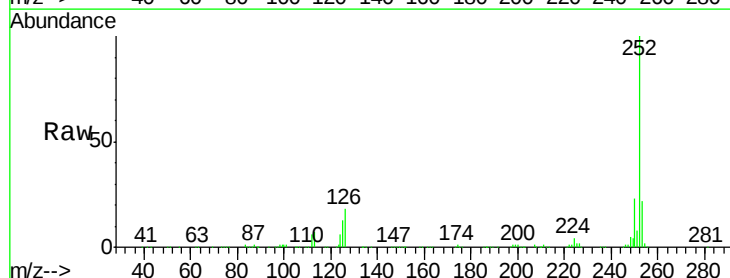
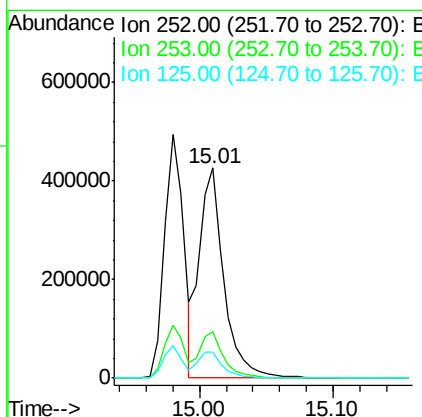
RT: 15.01 min Scan# 2197

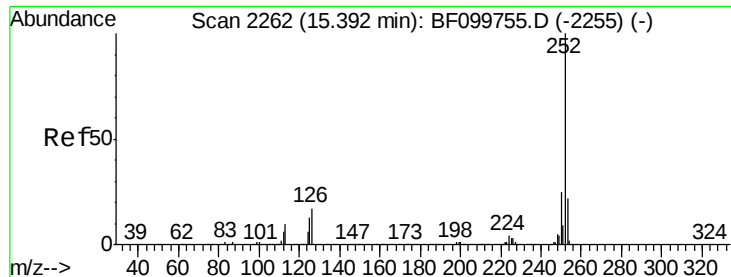
Delta R.T. -0.00 min

Lab File: BF100249.D

Acq: 6 Nov 2017 14:01

Tgt Ion:	252	Resp:	539727
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	12.7	10.2	15.2





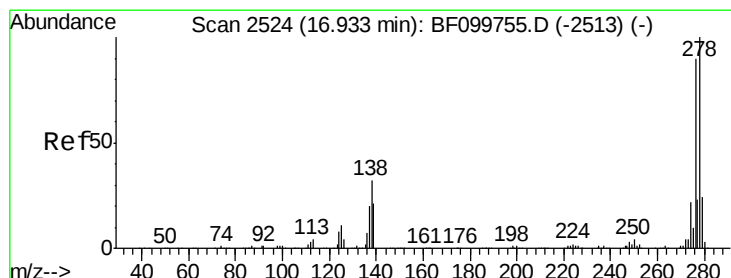
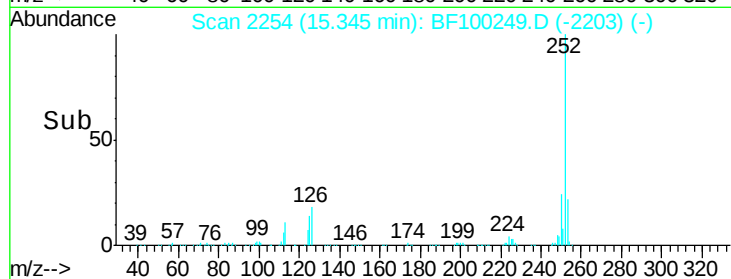
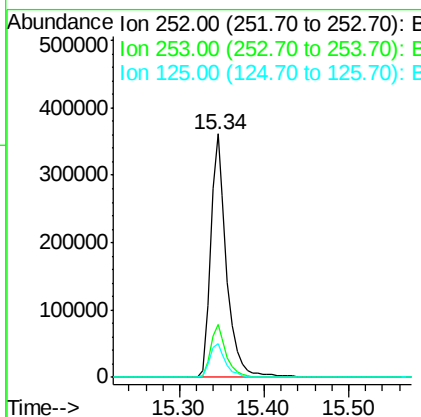
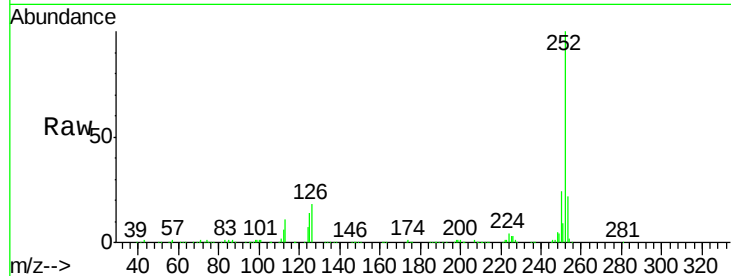
#89
Benzo(a)pyrene
Concen: 42.188 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.1	9.8	14.6

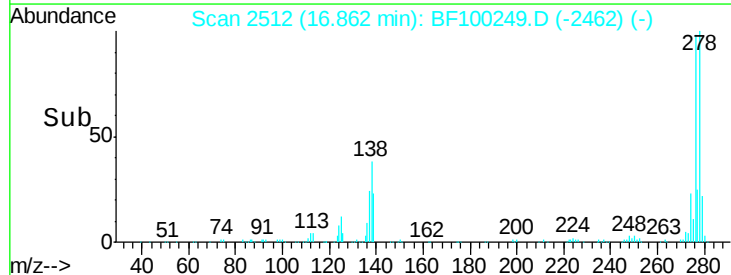
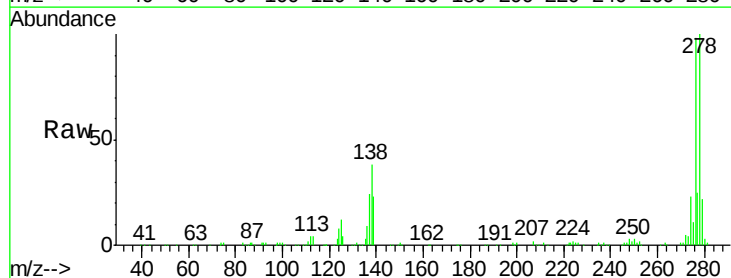
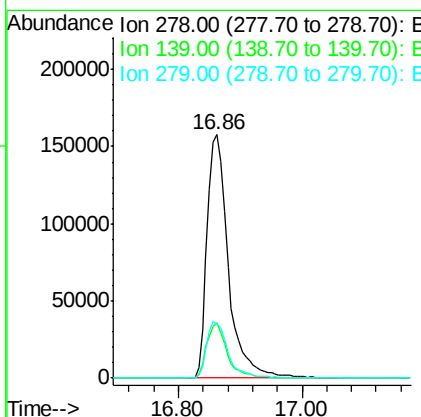
Manual Integrations
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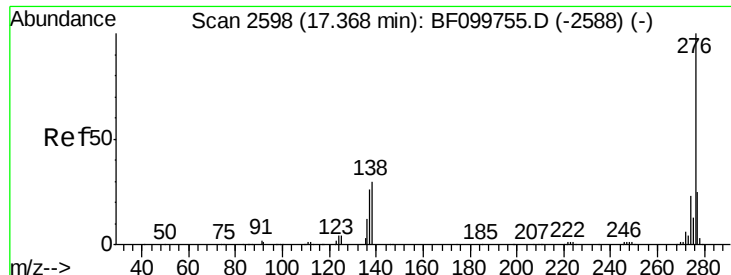
Sohil
11/7/2017 5:39:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.169 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF100249.D
Acq: 6 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	15.9	23.9
279	22.4	19.0	28.4





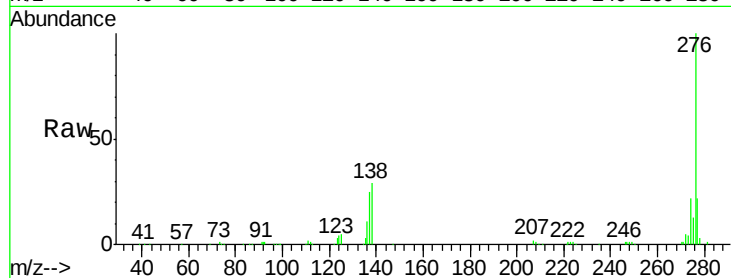
#91
 Benzo(g,h,i)perylene
 Concen: 39.230 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. -0.00 min
 Lab File: BF100249.D
 Acq: 6 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BS

Tgt	Ion	276	Resp:	387835
	Ratio	100	Lower	Upper
	276	100		
	277	22.4	17.9	26.9
	138	28.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:42 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

